Attachment S

Signal Timings and Phasing

Loc 2

3049

Phase Times [1.1.1]

	1	2	3	4	5	6	7	8
Min Green	10	10	7	7	5	10		
Gap, Ext	2	1	3	3	2	1		
Max 1	25	55	25	42	25	55		
Max 2								
Yel Clearance	4	5	5	5	4	5		
Red Clearance	2	2	3	3	2	2		
Walk		7		7		7		
Ped Clearance		30		36		30		
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								

Options [1.1.2]

	1	2	3	4	5	6	7	8
Enable	ON	ON	ON	ON	ON	ON		
Min Recall	ON							
Max Recall		ON				ON		
Ped Recall		ON						
Soft Recall								
Lock Calls	ON		ON		ON			
Auto Flash Entry								
Auto Flash Exit								
Dual Entry		ON				ON		
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								

Options+ [1.1.3]

	1	2	3	4	5	6	7	8
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay		5		5		5		

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	120	2	1	1	13	0	0	13	1	25	0	0	0	1	37	0	0	0	1
2	140	27	2	1	14	0	0	14	1	26	0	0	0	1	38	0	0	0	1
3	160	28	3	1	15	0	0	15	1	27	0	0	0	1	39	0	0	0	1
4	120	112	4	1	16	0	0	16	1	28	0	0	0	1	40	0	0	0	1
5	0	0	5	1	17	0	0	17	1	29	0	0	0	1	41	0	0	0	1
6	0	0	6	1	18	0	0	18	1	30	0	0	0	1	42	0	0	0	1
7	0	0	7	1	19	0	0	19	1	31	0	0	0	1	43	0	0	0	1
8	200	0	8	1	20	0	0	20	1	32	0	0	0	1	44	0	0	0	1
9	140	37	9	1	21	0	0	21	1	33	0	0	0	1	45	0	0	0	1
10	140	3	10	1	22	0	0	22	1	34	0	0	0	1	46	0	0	0	1
11	0	0	11	1	23	0	0	23	1	35	0	0	0	1	47	0	0	0	1
12	0	0	12	1	24	0	0	24	1	36	0	0	0	1	48	0	0	0	1

Split		1	2	3	4	5	6	7	8	Split		1	2	3	4	5	6	7	8
1	Coor	29	21	25	45	29	21	25	45	13	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
2	Coor	29	41	25	45	29	41	25	45	14	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
3	Coor	29	61	25	45	29	61	25	45	15	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
4	Coor	29	21	25	45	29	21	25	45	16	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
5	Coor	0	0	0	0	0	0	0	0	17	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
6	Coor	0	0	0	0	0	0	0	0	18	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
7	Coor	0	0	0	0	0	0	0	0	19	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
8	Coor	29	101	29	41	29	101	29	41	20	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
9	Coor	29	41	25	45	29	41	25	45	21	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
10	Coor	29	41	25	45	29	41	25	45	22	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
11	Coor	0	0	0	0	0	0	0	0	23	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
12	Coor	0	0	0	0	0	0	0	0	24	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON

Page#	
1	8 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
1A&1B	16 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
2	Overlaps; Channel Settings; Coord Alt Table+ (values not associated with time-of-day)
3	Detection; Sample Time and Unit Parameters related to detection
4	Preemption and Alternate Phase Time and Phase Options
5	Annual Schedule
6	Day Plans; Action Tables; Coord Alt Table+ (values varied by time-of-day)
7	Communications; Secutiry; I/O Setup
8	Misc - Events/Alarms; Call/Inhibit/Redirect; P/OLAP Auto Flash; CIC; Misc Unit Param

Ring/Startup [1.1.4]

Phs	Ring	Start	Enable
1	1	Red	ON
2	1	Green	ON
3	1	Red	ON
4	1	Red	ON
5	2	Red	ON
6	2	Green	ON
7	2	Red	OFF
8	2	Red	OFF

Coord Modes [2.1]

Test OpMode	0
Correction	SHRT/LNG
Maximum	MAX 1
Force-Off	FIXED
Closed Loop	ON
Stop-in-Walk	ON
Auto Reset	ON
Expand Splt	OFF
Ped Recycle	NO_RECYCLE
Before	TIMED
After	TIMED

Auto Flash [1.4.1]

Auto Flash	PH OVER
Flash Yel	45
Flash Red	20

Unit Params [1.2.1]

Phase Mode	STD8
IO Mode	User
Loc Flsh Start	Red
Start Flash(s)	0
Start AllRed(s)	6
Yellow < 3"	OFF
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	1
Auxswitch	STOPTM
SDLC Retry	0
TS2 Det Faults	ON
Auto Ped Clear	OFF
SDLC Retry	0

Times [1.1.1]	1	2	3	4	5	6	7	8
Min Green	10	10	7	7	5	10		
Gap, Ext	2	1	3	3	2	1		
Max 1	25	55	25	42	25	55		
Max 2								
Yel Clearance	4	5	5	5	4	5		
Red Clearance	2	2	3	3	2	2		
Walk		7		7		7		
Ped Clearance		30		36		30		
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								

Options [1.1.2]	1	2	3	4	5	6	7	8
Enable	ON	ON	ON	ON	ON	ON		
Min Recall	ON							
Max Recall		ON				ON		
Ped Recall		ON						
Soft Recall								
Lock Calls	ON		ON		ON			
Auto Flash Entry								
Auto Flash Exit								
Dual Entry		ON				ON		
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								

Options+ [1.1.3]	1	2	3	4	5	6	7	8
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay	0	5	0	5	0	5	0	0

3049 Rt 24 @ Nassau Coliseum Sig# 102.45

Coord Patterns [2.4] and Split Tables [2.7.1]

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	120	2	1	1	13	0	0	13	1	25	0	0	0	1	37	0	0	0	1
2	140	27	2	1	14	0	0	14	1	26	0	0	0	1	38	0	0	0	1
3	160	28	3	1	15	0	0	15	1	27	0	0	0	1	39	0	0	0	1
4	120	112	4	1	16	0	0	16	1	28	0	0	0	1	40	0	0	0	1
5	0	0	5	1	17	0	0	17	1	29	0	0	0	1	41	0	0	0	1
6	0	0	6	1	18	0	0	18	1	30	0	0	0	1	42	0	0	0	1
7	0	0	7	1	19	0	0	19	1	31	0	0	0	1	43	0	0	0	1
8	200	0	8	1	20	0	0	20	1	32	0	0	0	1	44	0	0	0	1
9	140	37	9	1	21	0	0	21	1	33	0	0	0	1	45	0	0	0	1
10	140	3	10	1	22	0	0	22	1	34	0	0	0	1	46	0	0	0	1
11	0	0	11	1	23	0	0	23	1	35	0	0	0	1	47	0	0	0	1
12	0	0	12	1	24	0	0	24	1	36	0	0	0	1	48	0	0	0	1

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Coor	29	21	25	45	29	21	25	45	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NVD	NVD	NVD	NVD	NVD	NVD	NVD	NVD
2	Coor	29	41	25	45	29	41	25	45	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NVD	NVD	NVD	NVD	NVD	NVD	NVD	NVD
3	Coor	29	61	25	45	29	61	25	45	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NVD	NVD	NVD	NVD	NVD	NVD	NVD	NVD
4	Coor	29	21	25	45	29	21	25	45	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
5	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
6	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
7	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
8	Coor	29	101	29	41	29	101	29	41	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
9	Coor	29	41	25	45	29	41	25	45	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
10	Coor	29	41	25	45	29	41	25	45	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
11	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
12	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
13	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
14	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
15	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
16	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

User Phase Mode

Phase>8 or Rings > 2

Coord Modes [2.1]	
Test OpMode	0
Correction	SHRT/LNG
Maximum	MAX 1
Force-Off	FIXED
Closed Loop	ON
Stop-in-Walk	ON
Auto Reset	ON
Expand Splt	OFF
Ped Recycle	NO_RECYCLE
Before	TIMED
After	TIMED
Auto Flash [1.4.1]	
Auto Flash	PH OVER
Flash Yel	45
Flash Red	20
Unit Params [1.2.1]	
Phase Mode	STD8
IO Mode	User
Loc Flsh Start	Red
Start Flash(s)	0
Start AllRed(s)	6
Yellow < 3"	OFF
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	1
Auxswitch	STOPTM
SDLC RetryTm	0
TS2 Det Faults	ON
Auto Ped Clear	OFF

<- Mode NON is Blank

03/27/23 **Page 1A**

Times [1.1.1]	9	10	11	12	13	14	15	16
Min Green								
Gap, Ext								
Max 1								
Max 2								
Yel Clearance	3	4	3	4	3	4	3	4
Red Clearance	2	2	2	2	2	2	2	2
Walk								
Ped Clearance								
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								

Options [1.1.2]	9	10	11	12	13	14	15	16
Enable								
Min Recall								
Max Recall								
Ped Recall								
Soft Recall								
Lock Calls								
Auto Flash Entry								
Auto Flash Exit								
Dual Entry								
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								

Options+ [1.1.3]	9	10	11	12	13	14	15	16
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay								

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1] — Ring/Startup [1.1.4]

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Phs	Ring	Start
17	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	2	1	Green
18	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	4	1	Red
19	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	6	2	Green
20	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	2	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	8	2	Red
21	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	10		Red
22	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	12		Red
23	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	14		Red
24	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	16		Red

Concurrency [1.1.4]

Phs	Concurrent Phases										Phs	Concurrent Phases								
1	5	6	0	0	0	0	0	0			9	0	0	0	0	0	0	0	0	
2	5	6	0	0	0	0	0	0			10	0	0	0	0	0	0	0	0	
3	7	8	0	0	0	0	0	0			11	0	0	0	0	0	0	0	0	
4	7	8	0	0	0	0	0	0			12	0	0	0	0	0	0	0	0	
5	1	2	0	0	0	0	0	0			13	0	0	0	0	0	0	0	0	
6	1	2	0	0	0	0	0	0			14	0	0	0	0	0	0	0	0	
7	3	4	0	0	0	0	0	0			15	0	0	0	0	0	0	0	0	
8	3	4	0	0	0	0	0	0			16	0	0	0	0	0	0	0	0	

Note: Expanded Splits are not used because "Expanded Splits" is OFF

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	0	0	1	1	25	0	0	0	1
2	0	0	2	1	26	0	0	0	1
3	0	0	3	1	27	0	0	0	1
4	0	0	4	1	28	0	0	0	1
5	0	0	5	1	29	0	0	0	1
6	0	0	6	1	30	0	0	0	1
7	0	0	7	1	31	0	0	0	1
8	0	0	8	1	32	0	0	0	1
9	0	0	9	1	33	0	0	0	1
10	0	0	10	1	34	0	0	0	1
11	0	0	11	1	35	0	0	0	1
12	0	0	12	1	36	0	0	0	1
13	0	0	13	1	37	0	0	0	1
14	0	0	14	1	38	0	0	0	1
15	0	0	15	1	39	0	0	0	1
16	0	0	16	1	40	0	0	0	1
17	0	0	17	1	41	0	0	0	1
18	0	0	18	1	42	0	0	0	1
19	0	0	19	1	43	0	0	0	1
20	0	0	20	1	44	0	0	0	1
21	0	0	21	1	45	0	0	0	1
22	0	0	22	1	46	0	0	0	1
23	0	0	23	1	47	0	0	0	1
24	0	0	24	1	48	0	0	0	1

Expanded Splits	**OFF**

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

24	Coord	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON
		0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
2	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
3	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
4	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
5	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
6	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
7	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
8	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
9	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
10	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
11	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
12	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
13	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
14	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
15	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
16	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
17	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
18	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
19	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
20	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
21	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
22	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
23	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

Overlap 1-16 Program Parms & Parm+ [1.5.2.1] [1.5.2.2]

Overlap Conflict Lock	OFF	Overlap Lock Inhibit	OFF	Parent Ph Clearance	OFF	Extra Included Ph	ON

	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
1	Modifier Ø								Grn		9	Modifier Ø								Grn	
	Conflict Ø								Yel	3		Conflict Ø								Yel	3.5
A	Conflict Olap								Red	2	I	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
2	Modifier Ø								Grn		10	Modifier Ø								Grn	
	Conflict Ø								Yel	3		Conflict Ø								Yel	3.5
B	Conflict Olap								Red	2	J	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
3	Modifier Ø								Grn		11	Modifier Ø								Grn	
	Conflict Ø								Yel	3		Conflict Ø								Yel	3.5
C	Conflict Olap								Red	2	K	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
4	Modifier Ø								Grn		12	Modifier Ø								Grn	
	Conflict Ø								Yel	3		Conflict Ø								Yel	3.5
D	Conflict Olap								Red	2	L	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
5	Modifier Ø								Grn		13	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
E	Conflict Olap								Red	1.5	M	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
6	Modifier Ø								Grn		14	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
F	Conflict Olap								Red	1.5	N	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
7	Modifier Ø								Grn		15	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
G	Conflict Olap								Red	1.5	O	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
8	Modifier Ø								Grn		16	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
H	Conflict Olap								Red	1.5	P	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	

Channel Settings [1.8.1]

……Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Phase / Olap #	1	6	2		4	4	3			5	6	2												
Channel Type	VEH	VEH	VEH	VEH	PED	VEH	VEH	VEH	VEH	VEH	PED	PED	VEH	VEH	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Channel Flash	Red	YEL	YEL	Red	DRK	Red	Red	Red	Red	Red	DRK	DRK	Red	Red	DRK	DRK	DRK	DRK	DRK	DRK	DRK	DRK	DRK	DRK
Alt Hz																								

Channel+ Settings [1.8.4]

……Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Flash Red+																								
Flash Yellow+																								
Flash Green+																								
Flash Inh Red+																								
Olap Ovrd																								

Coord Transition, CoorPhs [2.5]

Pat#	Short	Long	Dwell	No Shortway Ø				E-Yld	Offset	RetHld	Float	Min Veh Perm	Min Ped Perm
1	12	22							EndGRN				
2	12	22							EndGRN				
3	12	22							EndGRN				
4	12	22							EndGRN				
5	12	22							EndGRN				
6	12	22							EndGRN				
7	12	22							EndGRN				
8	12	22							EndGRN				
9	12	22							EndGRN				
10	12	22							EndGRN				
11	12	22							EndGRN				
12	12	22							EndGRN				
13	12	22							EndGRN				
14	12	22							EndGRN				
15	12	22							EndGRN				
16	12	22							EndGRN				
17	12	22							EndGRN				
18	12	22							EndGRN				
19	12	22							EndGRN				
20	12	22							EndGRN				
21	12	22							EndGRN				
22	12	22							EndGRN				
23	12	22							EndGRN				
24	12	22							EndGRN				
25									BegGRN				
26									BegGRN				
27									BegGRN				
28									BegGRN				
29									BegGRN				
30									BegGRN				
31									BegGRN				
32									BegGRN				
33									BegGRN				
34									BegGRN				
35									BegGRN				
36									BegGRN				
37									BegGRN				
38									BegGRN				
39									BegGRN				
40									BegGRN				
41									BegGRN				
42									BegGRN				
43									BegGRN				
44									BegGRN				
45									BegGRN				
46									BegGRN				
47									BegGRN				
48									BegGRN				

Channel Params[1.8.3]

C1 IO Mode	User	Single BIU Map	SINGLE	Invert Rail Input	OFF

Veh Par 1-64 [5.1]

Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time
1	1						45	50	255
2	5						45	50	255
3	3						45	50	255
4	3						45	50	255
5	4						45	50	255
6							45	50	255
7	4						45	50	255
8							45	50	255
9							45	50	255
10							45	50	255
11							45	50	255
12							45	50	255
13							45	50	
14							45	50	255
15							45	50	255
16							45	50	255
17							45	50	255
18							45	50	255
19							45	50	255
20							45	50	255
21							45	50	255
22							45	50	255
23							45	50	255
24							45	50	255
25							45	50	255
26							45	50	255
27							45	50	255
28							45	50	255
29							45	50	
30							45	50	
31							45	50	
32							45	50	

Veh Par 1-64 [5.1]

Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time
33							45	50	
34							45	50	
35							45	50	
36							45	50	
37							45	50	
38							45	50	
39							45	50	
40							45	50	
41							45	50	
42							45	50	
43							45	50	
44							45	50	
45							45	50	
46							45	50	
47							45	50	
48							45	50	
49							45	50	
50							45	50	
51							45	50	
52							45	50	
53							45	50	
54							45	50	
55							45	50	
56							45	50	
57							45	50	
58							45	50	
59							45	50	
60							45	50	
61							45	50	
62							45	50	
63							45	50	
64							45	50	

Vehicle Options 1-64 [5.2]

Det #	Call	Ext	Que	Add Init	Red Lock	Yell Lock	occ	vol
1	ON	ON		ON				
2	ON	ON		ON				
3	ON	ON		ON				
4	ON	ON		ON				
5	ON	ON		ON				
6	ON	ON		ON				
7	ON	ON		ON				
8	ON	ON		ON				
9	ON	ON		ON				
10	ON	ON		ON				
11	ON	ON		ON				
12	ON	ON		ON				
13	ON	ON		ON				
14	ON	ON		ON				
15	ON	ON		ON				
16	ON	ON		ON				
17	ON	ON		ON				
18	ON	ON		ON				
19	ON	ON		ON				
20	ON	ON		ON				
21	ON	ON		ON				
22	ON	ON		ON				
23	ON	ON		ON				
24	ON	ON		ON				
25	ON	ON		ON				
26	ON	ON		ON				
27	ON	ON		ON				
28	ON	ON		ON				
29	ON	ON		ON				
30	ON	ON		ON				
31	ON	ON		ON				
32	ON	ON		ON				

Vehicle Options 1-64 [5.2]

Det #	Call	Ext	Que	Add AddInit	Red Lock	Yell Lock	occ	vol
33	ON	ON		ON				
34	ON	ON		ON				
35	ON	ON		ON				
36	ON	ON		ON				
37	ON	ON		ON				
38	ON	ON		ON				
39	ON	ON		ON				
40	ON	ON		ON				
41	ON	ON		ON				
42	ON	ON		ON				
43	ON	ON		ON				
44	ON	ON		ON				
45	ON	ON		ON				
46	ON	ON		ON				
47	ON	ON		ON				
48	ON	ON		ON				
49	ON	ON		ON				
50	ON	ON		ON				
51	ON	ON		ON				
52	ON	ON		ON				
53	ON	ON		ON				
54	ON	ON		ON				
55	ON	ON		ON				
56	ON	ON		ON				
57	ON	ON		ON				
58	ON	ON		ON				
59	ON	ON		ON				
60	ON	ON		ON				
61	ON	ON		ON				
62	ON	ON		ON				
63	ON	ON		ON				
64	ON	ON		ON				

Parameters+ 1-64 [5.3]

Det #	oc G	oc Y	oc R	Dlay 1	Dlay 2	Type	Src
1						NORM	
2						NORM	
3						NORM	
4						NORM	
5						NORM	
6						NORM	
7						NORM	
8						NORM	
9						NORM	
10						NORM	
11						NORM	
12						NORM	
13						NORM	
14						NORM	
15						NORM	
16						NORM	
17						NORM	
18						NORM	
19						NORM	
20						NORM	
21						NORM	
22						NORM	
23						NORM	
24						NORM	
25						NORM	
26						NORM	
27						NORM	
28						NORM	
29						NORM	
30						NORM	
31						NORM	
32						NORM	

Parameters+ 1-64 [5.3]

Det #	occ Grn	occ Yell	occ Red	Dlay 1	Dlay 2	Type	Src
33						NORM	
34						NORM	
35						NORM	
36						NORM	
37						NORM	
38						NORM	
39						NORM	
40						NORM	
41						NORM	
42						NORM	
43						NORM	
44						NORM	
45						NORM	
46						NORM	
47						NORM	
48						NORM	
49						NORM	
50						NORM	
51						NORM	
52						NORM	
53						NORM	
54						NORM	
55						NORM	
56						NORM	
57						NORM	
58						NORM	
59						NORM	
60						NORM	
61						NORM	
62						NORM	
63						NORM	
64						NORM	

Ped Det Parms [5.4]

Det #	Call Ø	No Act	Max Pres	Err Cnt
1	6		15	
2	2		15	
3	4		15	
4			15	
5			15	
6			15	
7			15	
8			15	

Unit Paramters [1.2.1]

TS2 Det Faults	ON
Vol/Occ Report Parm [1.5.8]	
Vol/Occ Period Minutes	0
Vol/Occ Period Minutes	15

Rt 24 @ Nassau Coliseum Sig# 102.45

Preemption Times [3.1], Options+ [3.6]

Pre #	Enable	Type	Output	Delay	MinDura
1	ON	RAIL	Dwell		15
2	ON	RAIL	Dwell		15
3	ON	EMERG	Dwell		5
4	ON	EMERG	Dwell		5
5	ON	EMERG	Dwell		5
6	ON	EMERG	Dwell		5
Pre #	MaxPres	MinGrn	MinWlk	PedClr	Co+Pre
1	180	3			ON
2	180	3			ON
3	180	3		36	ON
4	180	3		10	ON
5	180	3		10	ON
6	180	3		10	ON
Pre #	Track Grn	Min Dwell	Ext Dwell	PedClr+	Yel
1		2			
2		2			
3		2			
4		2			
5		2			
6		2			

Pre #	Red	Pattern	Skip
1			OFF
2			OFF
3			OFF
4			OFF
5			OFF
6			OFF

Low Priority Preempts

Pre #	Type	Min	Max
7	OFF		
8	OFF		
9	OFF		
10	OFF		

Unit Parameters [1.2.1]

Stop Timer Over Preempt	OFF
Preempt or Ext Output	PRE
Max Seek Track Time	
Max Seek Dwell Time	

Channel Parameters [1.8.3]

D Conn Mappings	None
Pre Invert Rail Input	OFF

Track Clear Phases [3.2], Track Clear Overlaps+ [3.5]

Pre #	Track Phases				Track Overlaps											
1																
2																
3																
4																
5																
6																

Dwell Phases [3.2] and Overlaps+ [3.5]

Pre #													
1	Phases												
	Overlap												
	Peds												
2	Phases												
	Overlap												
	Peds												
3	Phases	4											
	Overlap												
	Peds												
4	Phases												
	Overlap												
	Peds												
5	Phases												
	Overlap												
	Peds												
6	Phases												
	Overlap												
	Peds												

Exit Phases [3.2]

Pre #	Exit Phase			
1				
2				
3				
4				
5				
6				

Preemption Options+ [3.6]

Pre #	Lock	Override Auto Flsh	Override Higher	Flsh Dwell	Link
1	ON	ON	ON	OFF	
2	ON	ON	ON	OFF	
3	ON	ON	ON	OFF	
4	ON	ON	ON	OFF	
5	ON	ON	ON	OFF	
6	ON	ON	ON	OFF	

Alt# 1 Times Table [1.1.6.1.2]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 2 Times Table [1.1.6.1.2]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 3 Times Table [1.1.6.1.3]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 1 Options Table [1.1.6.2.1]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 1 Veh Parameters [5.5.1.1]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Swiitch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 1 Veh Options [5.5.1.2]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 1 Veh Parameters+ [5.5.1.3]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 1 Ped Parameters+ [5.5.1.4]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Alt# 2 Options Table [1.1.6.2.2]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 3 Options Table [1.1.6.2.3]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 4 Options Table [1.1.6.2.4]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 2 Veh Parameters [5.5.2.1]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Swiitch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 2 Veh Options [5.5.2.2]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 2 Veh Parameters+ [5.5.2.3]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 2 Ped Parameters+ [5.5.2.4]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Annual Schedule [4.3] Month of Year Day of Week Date Day Plan Link To

	Month of Year	Day of Week	Date	Day Plan	Link To
1	J F M A M J J A S O N D	S M T W T F S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
	ON ON ON ON ON ON ON ON ON ON ON ON	ON ON ON ON ON ON ON	ON ON ON ON ON ON ON ON ON ON ON ON ON ON ON ON ON ON ON ON ON ON ON ON ON ON ON ON ON		
2	J F M A M J J A S O N D	S M T W T F S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
3	J F M A M J J A S O N D	S M T W T F S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
4	J F M A M J J A S O N D	S M T W T F S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
5	J F M A M J J A S O N D	S M T W T F S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
6	J F M A M J J A S O N D	S M T W T F S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
7	J F M A M J J A S O N D	S M T W T F S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
8	J F M A M J J A S O N D	S M T W T F S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
9	J F M A M J J A S O N D	S M T W T F S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
10	J F M A M J J A S O N D	S M T W T F S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
11	J F M A M J J A S O N D	S M T W T F S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
12	J F M A M J J A S O N D	S M T W T F S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
13	J F M A M J J A S O N D	S M T W T F S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
14	J F M A M J J A S O N D	S M T W T F S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
15	J F M A M J J A S O N D	S M T W T F S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
16	J F M A M J J A S O N D	S M T W T F S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
17	J F M A M J J A S O N D	S M T W T F S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
18	J F M A M J J A S O N D	S M T W T F S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
19	J F M A M J J A S O N D	S M T W T F S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
20	J F M A M J J A S O N D	S M T W T F S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
21	J F M A M J J A S O N D	S M T W T F S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
22	J F M A M J J A S O N D	S M T W T F S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
23	J F M A M J J A S O N D	S M T W T F S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	
24	J F M A M J J A S O N D	S M T W T F S	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	

Day Plans [4.4]

Day Plan 1

	Hour	Min	Act		Hour	Min	Act
1	0	0	4	9	0	0	0
2	1	0	4	10	0	0	0
3	6	0	3	11	0	0	0
4	9	30	2	12	0	0	0
5	15	30	3	13	0	0	0
6	19	0	2	14	0	0	0
7	21	0	4	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 2

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 3

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 4

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 5

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 6

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 7

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 8

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 9

	Hour	Min	Act		Hour	Min	Act
1	0	0	4	9	0	0	0
2	4	0	9	10	0	0	0
3	12	0	10	11	0	0	0
4	22	0	4	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 10

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 11

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 12

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 13

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 14

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 15

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Action Table [4.5]

Act#	Pat#	A1	A2	A3	S1	S2	S3	S4	S5	S6	S7	S8
1	1											
2	2											
3	3											
4	4											
5	5											
6	6											
7	7											
8	8											
9	9											
10	10											
11	11											
12	12											
13	13											
14	14											
15	15											
16	16											
17	17											
18	18											
19	19											
20	20											
21	21											
22	22											
23	23											
24	24											
25												
26												
27												
28												
29												
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
48												
98												
99												
100	255											

Coord Alternate Tables - Pat+ [2.6]

Pat#	ØOpt	ØTime	DetG	Call Inh	CIC	CNA1	Overlap Off 1	2	3	4	5	6	7	8	Dia	Max2
1															DFT	
2															DFT	
3															DFT	
4															DFT	
5															DFT	
6															DFT	
7															DFT	
8															DFT	
9															DFT	
10															DFT	
11															DFT	
12															DFT	
13															DFT	
14															DFT	
15															DFT	
16															DFT	
17															DFT	
18															DFT	
19															DFT	
20															DFT	
21															DFT	
22															DFT	
23															DFT	
24															DFT	
25															DFT	
26															DFT	
27															DFT	
28															DFT	
29															DFT	
30															DFT	
31															DFT	
32															DFT	
33															DFT	
34															DFT	
35															DFT	
36															DFT	
37															DFT	
38															DFT	
39															DFT	
40															DFT	
41															DFT	
42															DFT	
43															DFT	
44															DFT	
45															DFT	
46															DFT	
47															DFT	
48															DFT	

C1-USER IO Map [1.8.9.1 In]

I1-1	1	Veh Call 1
I1-2	2	Veh Call 2
I1-3	3	Veh Call 3
I1-4	4	Veh Call 4
I1-5	5	Veh Call 5
I1-6	6	Veh Call 6
I1-7	7	Veh Call 7
I1-8	8	Veh Call 8
I2-1	9	Veh Call 9
I2-2	10	Veh Call 10
I2-3	189	Unused
I2-4	200	Pre 3 In
I2-5	189	Unused
I2-6	129	Ped Call 1
I2-7	130	Ped Call 2
I2-8	131	Ped Call 3
I3-1	17	Veh Call 17
I3-2	18	Veh Call 18
I3-3	19	Veh Call 19
I3-4	20	Veh Call 20
I3-5	21	Veh Call 21
I3-6	22	Veh Call 22
I3-7	23	Veh Call 23
I3-8	24	Veh Call 24
I4-1	189	Unused
I4-2	189	Unused
I4-3	189	Unused
I4-4	189	Unused
I4-5	189	Unused
I4-6	189	Unused
I4-7	229	33xCMUStop
I4-8	228	33xFlashSns
I5-1	189	Unused
I5-2	189	Unused
I5-3	189	Unused
I5-4	189	Unused
I5-5	189	Unused
I5-6	189	Unused
I5-7	189	Unused
I5-8	189	Unused
I6-1	189	Unused
I6-2	189	Unused
I6-3	189	Unused
I6-4	189	Unused
I6-5	189	Unused
I6-6	189	Unused
I6-7	189	Unused
I6-8	189	Unused

C1-USER IO Map [1.8.9.2 Out]

O1-1	1	Ch1 Red
O1-2	49	Ch1 Green
O1-3	2	Ch2 Red
O1-4	26	Ch2 Yellow
O1-5	50	Ch2 Green
O1-6	3	Ch3 Red
O1-7	27	Ch3 Yellow
O1-8	51	Ch3 Green
O2-1	4	Ch4 Red
O2-2	52	Ch4 Green
O2-3	5	Ch5 Red
O2-4	29	Ch5 Yellow
O2-5	53	Ch5 Green
O2-6	6	Ch6 Red
O2-7	30	Ch6 Yellow
O2-8	54	Ch6 Green
O3-1	7	Ch7 Red
O3-2	55	Ch7 Green
O3-3	8	Ch8 Red
O3-4	32	Ch8 Yellow
O3-5	56	Ch8 Green
O3-6	9	Ch9 Red
O3-7	33	Ch9 Yellow
O3-8	57	Ch9 Green
O4-1	10	Ch10 Red
O4-2	58	Ch10 Green
O4-3	11	Ch11 Red
O4-4	35	Ch11 Yellow
O4-5	59	Ch11 Green
O4-6	12	Ch12 Red
O4-7	36	Ch12 Yellow
O4-8	60	Ch12 Green
O5-1	28	Ch4 Yellow
O5-2	34	Ch10 Yellow
O5-3	25	Ch1 Yellow
O5-4	31	Ch7 Yellow
O5-5	39	Ch15 Yellow
O5-6	63	Ch15 Green
O5-7	115	Not Used
O5-8	114	Watchdog
O6-1	115	Not Used
O6-2	115	Not Used
O6-3	13	Ch13 Red
O6-4	37	Ch13 Yellow
O6-5	61	Ch13 Green
O6-6	14	Ch14 Red
O6-7	38	Ch14 Yellow
O6-8	62	Ch14 Green

C1-USER IO Map [1.8.9.2 Out]

O7-1	40	Ch16 Yellow
O7-2	16	Ch16 Red
O7-3	64	Ch16 Green
O7-4	115	Not Used
O7-5	115	Not Used
O7-6	115	Not Used
O7-7	115	Not Used
O7-8	15	Ch15 Red

C11S-USER IO Map [1.8.9.1 In]

I4-1		
I4-2		
I4-3		
I4-4		
I7-1	189	Unused
I7-2	189	Unused
I7-3	189	Unused
I7-4	189	Unused
I7-5	189	Unused
I7-6	189	Unused
I7-7	189	Unused
I7-8	189	Unused
I8-1	189	Unused
I8-2	189	Unused
I8-3	189	Unused
I8-4	189	Unused
I8-5	189	Unused
I8-6	189	Unused
I8-7	189	Unused
I8-8	189	Unused

C11S-USER IO Map [1.8.9.2 Out]

O8-1	115	Not Used
O8-2	115	Not Used
O8-3	115	Not Used
O8-4	115	Not Used
O8-5	115	Not Used
O8-6	115	Not Used
O8-7	115	Not Used
O8-8	115	Not Used

IO Logic [1.8.7]

Op1	Result		O1Fcn	Inv1	IO1	Opn1	O2Fcn	Inv2	IO2	Opn2	O3Fcn	Inv3	IO3	Opn3	Dly	Sec
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0

Security Access Levels [8.2]

1	SWLOAD	22	None	43	None
2	SECURE	23	None	44	None
3	None	24	None	45	None
4	None	25	None	46	None
5	None	26	None	47	None
6	None	27	None	48	None
7	None	28	None	49	None
8	None	29	None	50	None
9	None	30	None	51	None
10	None	31	None	52	None
11	None	32	None	53	None
12	None	33	None	54	None
13	None	34	None	55	None
14	None	35	None	56	None
15	None	36	None	57	None
16	None	37	None	58	None
17	None	38	None	59	None
18	None	39	None	60	None
19	None	40	None	61	None
20	None	41	None	62	None
21	None	42	None	63	None
				64	None

Com Parameters [6.1]

Station ID	3049
Group ID	
Master ID	9047
Backup Time	0

SysUp Modem [6.1]

Enable Modem	OFF
Idle Time	0
Dial Time	0
Tel:	
Alt:	

2070 Port Parms [6.2]

Port	Baud Rate	FCM
SP1	19200	MODE 6
SP2	19200	MODE 6
SP3	19200	MODE 6
SP4	38400	MODE 6
SP5	1200	AUTO
SP6	1200	AUTO
SP7	1200	AUTO
SP8	1200	AUTO

2070 IP 1 Addressing [6.5]

	Addressing			
Addr	0	0	0	0
Mask	0	0	0	0
Brdcst	0	0	0	0
GtWay	0	0	0	0
Port	0			

2070 IP 2 Addressing [6.5]

	Addressing			
Addr	0	0	0	0
Mask	0	0	0	0
Brdcst	0	0	0	0
GtWay	0	0	0	0
Port	0			

2070 Port Binding Ports [6.6]

	Port	Echo	Mode
ASYNC1	SP1	OFF	0
ASYNC2	SP2	OFF	0
ASYNC3	SP3	OFF	0
ASYNC4	SP4	OFF	0
SYNC1	SP5S	SYNC3	OFF
SYNC2	OFF	SYNC4	OFF

2070 Port Binding Functions [6.6]

Function	Channel	Function	Channel
TS2/CVM	None	SYSUp	ASYNC2
CMU/MMU	None	SYSDown	ASYNC1
Opticom	None	Shell	None
Loop Det.	None		
GPS	-		

#	Event / Alarm	Ev	Alr
1	Power Up Alarm.	ON	
2	Stop Timing	ON	ON
3	TS1 Cabinet Door	ON	ON
4	Coordination Failure	ON	ON
5	External Alarm # 1		
6	External Alarm # 2		
7	External Alarm # 3		
8	External Alarm # 4		
9	Closed Loop Disabled		
10	External Alarm # 5		
11	External Alarm # 6		
12	Manual Control Enable	ON	
13	Coord Free Input	ON	
14	Local Flash Input	ON	
15	MMU Flash	ON	
16	CMU Flash	ON	
17	Cycle Fault	ON	
18	Cycle Failure	ON	
19	Coordination Fault	ON	
20	Controller Fault	ON	
21	Detector SDLC Failure	ON	
22	MMU SDLC Failure	ON	
23	Critical SDLC Failure	ON	
24	Reserved	ON	
25	EEPROM CRC Fault	ON	
26	Detector Diagnostic Failur	ON	ON
27	BIU Detector Failure	ON	
32	Queue detector alarm	ON	
29	Ped Detector Fault	ON	ON
30	Coord Diagnostic Fault	ON	ON
41	TempAlert Probe Ch. A		
42	TempAlert Probe Ch. B		
47	Coord Active	ON	ON
48	Preempt Active	ON	ON
49	Preempt 1 Input	ON	
50	Preempt 2 Input	ON	
51	Preempt 3 Input	ON	
52	Preempt 4 Input	ON	
53	Preempt 5 Input	ON	
54	Preempt 6 Input	ON	
55	Preempt 7 Input	ON	
56	Preempt 8 Input	ON	
57	Preempt 9 Input	ON	
58	Preempt 10 Input	ON	
61	In Transition		
81	FIO Status Alarm		

Call Phases[1.1.5]

Ø	Ø	Phases Called By Ø			
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

Redirect Phases[1.1.5]

	From	To	From	To	From	To	From	To
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

Inhibit Phases[1.1.5]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																

Alt Call & Redirect # 1 [1.1.6.3]

Col	Ø	Phases Called By Ø					From	To	From	To	From	To	From	To	From	To
1						1										
2						2										
3						3										
4						4										
5						5										
6						6										
7						7										
8						8										

Alt Inhibit Phases # 1 [1.1.6.3]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																

Alt Call & Redirect # 2 [1.1.6.3]

Col	Ø	Phases Called By Ø					From	To	From	To	From	To	From	To	From	To
1						1										
2						2										
3						3										
4						4										
5						5										
6						6										
7						7										
8						8										

Alt Inhibit Phases # 2 [1.1.6.3]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																

Coord, CIC Plans [2.3]

CIC	CoØ	Grow	1	2	3	4	5	6	7	8
1	OFF									
2	OFF									
3	OFF									
4	OFF									

Auto Flash Phase/Olap Settings [1.4.2]

Yel Ø								
Yel (olaps)								

Unit Parameters [1.2.1]

Allow Skip Yellow	OFF	Max Cycle Time	
TOD Dim Enable	OFF	Cycle Fault Action	Alarm
Tone Disable	OFF		
Diamond Mode	4Ph		
Backup Time (s)	900		
Disable Init Ped	OFF		
Cycle Fault Action	Alarm		
Enable Run Timer	ON		

FED. ROAD REG. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.		6	27

TRAFFIC SIGNAL REQUIREMENTS

CONTRACT XVI

D257135

FOR TABLES AND NOTES SEE TSP-2

Loc 2

IN CHARGE OF J. CELENTANO DESIGNED BY Y. ASKER CHECKED BY Y. ASKER ESTIMATED BY J. CELENTANO DRAFTED BY TRAFFIC FILE: 080465A.TRF

N

VETERANS COLISEUM
(ENTRANCE & EXIT)

HEMPSTEAD TURNPIKE

SANTINI ROAD

Ø 1 Ø 2 Ø 3 Ø 4 Ø 5 Ø 6

DET. 11 DET. 12 DET. 35 DET. 36 DET. 37 DET. 38 DET. 49 DET. 53 DET. 54 DET. 410 DET. 411 DET. 412

20'X6' TYP.

10206.0310
680.520203(4)
680.72(8)

680.54
680.72
3 TURNS
℄

680.71(2)
IN EXISTING
CONDUIT

10206.0310
680.520103
680.520108
680.71(4)
680.730514

10680.990201

680.5001
680.601236
680.71(4)
680.730514

10206.0310
680.520106
680.71(4)

680.510501

10680.990901

10206.0310
680.520203(8)
680.72(16)

680.8101(6)
680.8112

680.8101(9)
680.8113

680.7001(2)
680.71(4)
680.730514(2)
680.731914(2)

680.8204
TYPE D
SEE NOTE 7

10680.9910

680.730514
IN EXISTING
CONDUIT

10680.994701

10680.9901
10680.994701
SEE NOTE 1

680.5001
680.6712
680.730514
680.8133
680.8142
680.8225

680.8101(3)
680.8111

10680.990201
10680.9905

10206.0310
680.520106
680.730514

680.5001
680.601236
680.71(12)
680.730514(3)
680.731914(2)
680.750619(2)
15680.803245
15680.950208

10206.0310
680.520103
680.520108
680.71(8)
680.730514
680.750619(2)
15680.950208
SEE NOTE 6

680.71(2)
IN EXISTING
CONDUIT

AS-BUILT REVISIONS
102-45

SIGNATURE DATE

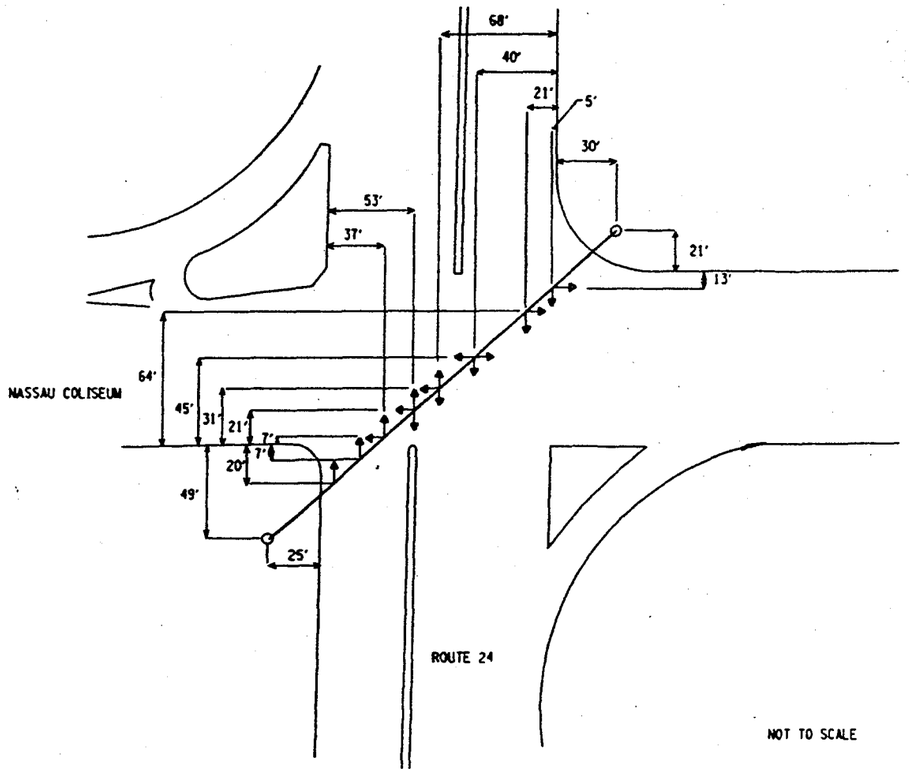
RTE. 24 @ NASSAU COLISEUM, SIG.# 102.45, UNIONDALE

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

DRAWING NO.	SCALE	DATE	REGION TEN
TSP-1		6-96	

FED. ROAD REG. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.		TR-1	27
TRAFFIC SIGNAL REQUIREMENTS				
CONTRACT XVI				

SPACING DIAGRAM



NOT TO SCALE

17.15-27
2 3
30

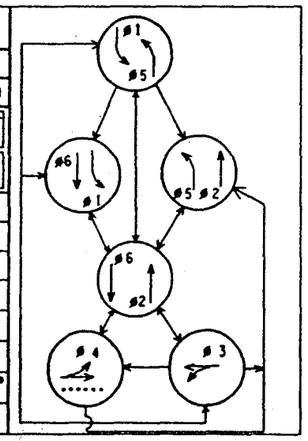
ESTIMATE OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	ESTIMATE OF QUANTITY
10206.0310	CONDUIT EXCAVATION AND RESTORATION	LF	205
619.1613	MAINTAIN TRAFFIC SIGNAL, REQ'T "C"	INTMO	6
680.5001	POLE EXCAVATION AND FOUNDATION	CY	16
680.510501	RECTANGULAR PULLBOX, CONCRETE 126"	EA	1
680.520103	CONDUIT - 1" STEEL	LF	20
680.520106	CONDUIT - 2" STEEL	LF	80
680.520108	CONDUIT - 3" STEEL	LF	20
680.520203	CONDUIT - 1" FLEXIBLE	LF	105
680.54	INDUCTANCE LOOP INSTALLATION	LF	1500
680.601236	TRAFFIC SIGNAL POLE	EA	2
680.6712	PEDESTRIAN POLE 12'	EA	2
680.7001	SINGLE SPAN WIRE ASSEMBLY	EA	2
680.71	SHEILDED LEAD-IN CABLE	LF	2510
680.72	INDUCTANCE LOOP WIRE	LF	4455
680.730514	5 CONDUCTOR CABLE	LF	675
680.731914	19 CONDUCTOR CABLE	LF	510
680.750619	SHEILDED COMMUNICATION CABLE, 6 PAI	LF	70
15680.803245	INSTALL MICRO CABINET	EA	1
680.8101	TRAFFIC SIGNAL SECTION, 12"	EA	51
680.8111	TRAFFIC SIGNAL BRACKET, 1-WAY	EA	2
680.8112	TRAFFIC SIGNAL BRACKET, 2-WAY	EA	3
680.8113	TRAFFIC SIGNAL BRACKET, 3-WAY	EA	3
680.8133	PEDESTRIAN SIGNAL HEAD, FIBER OPTIC	EA	2
680.8142	PEDESTRIAN SIGNAL BRACKET, POST TOP	EA	2
680.8204	OVERHEAD SIGN ASSEMBLY - TYPE D	EA	6
680.8225	PEDESTRIAN PUSHBUTTON & SIGN	EA	2
15680.950208	SERVICE CABLE, 2 CONDUCTOR # 8 AWG	LF	500
10680.9901	REMOVE PEDESTRIAN SIGNAL & BUTTON	EA	2
10680.990201	REMOVE STEEL ANCHOR BASE SIGNAL POL	EA	2
10680.9905	REMOVE POLE MOUNTED CABINET	EA	1
10680.990901	REMOVE TRAFFIC SIGNAL PULLBOX	EA	2
10680.9910	REMOVE TRAFFIC SIGNAL SPAN & HEADS	EA	1
10680.994701	REMOVE AUX. POLE OR PEDESTRIAN POST	EA	3

SEQUENCE TABLE SIGNAL NO. 102.45

PHASE	FACES 1,2	3,4,5	6,7	8,9,10	11	12,13	14,15	16,17	18,19
	12"	12"	12"	12"	12"	12"	12"	12"	—
ø1 & ø5	~~G~~	R	~~G~~	R	R	R	R	R	DW
ø1 & ø6	~~G~~	G	R	R	R	R	R	R	DW
ø2 & ø5	R	R	~~G~~	G	R	R	R	R	DW
ø2 & ø6	R	G	R	G	R	R	R	R	DW
ø3	R	R	R	R	~~G~~	G	R	R	DW
ø4	R	R	R	R	R	R	~~G~~	G	DW*
FLASH	R	Y	R	Y	R	R	R	R	—

DON'T WALK / WALK



PHASES 2 AND 6 SHALL BE PLACED ON RECALL GREEN.
* SHALL DISPLAY (WALK), FOLLOWED BY FLASHING (DON'T WALK) WHEN PED. BUTTON IS ACTIVATED.
PHACES 1, 2, 6, 7, 11 ,14 AND 15 SHALL HAVE VERTICAL LOUVERS.

NOTES

1- THE EXISTING SIGNAL CABINET CONTROLLER & CONTENTS, ALL LEFT TURN SIGNS AND ASSEMBLEY'S, BOTH PEDESTRIAN POLES, BUTTONS AND HEADS SHALL BE RETURNED TO THE STATE ALL OTHER EQUIPMENT SHALL BE DISPOSED OFF BY THE CONTRACTOR A.O.B.E.

2- THE EXISTING SIGNAL SHALL BE MAINTAINED UNDER ITEM 619.1613. EXCEPT THE CONTROLLER, SIGNAL TIMING AND PROGRAMMING WHICH SHALL BE MAINTAINED BY THE STATE.

3- ALL LOOPS SHALL BE CENTERED IN THEIR RESPECTIVE LANE.

4- THE MICRO CABINET SHALL BE MOUNTED 2' 6" ABOVE FINISH GRADE.

5- THE FOOTING MOMENT AT THE POLES IS 414 FOOT KIPS.

6- THE INTERCONNECT CABLE SHALL BE DISCONNECTED FROM THE EXISTING MICRO CABINET AND CONNECTED TO THE PROPOSED MICRO CABINET.

7- "LEFT TURN SIGNAL" SIGN * R3-38 SHALL BE MOUNTED ON THE SPAN WIRE AS SHOWN ON TSD-8 DETAIL B.

8- THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANY TO ARRANGE FOR POWER HOOK UP.

CLEARANCE TABLE

CLEARANCE	FROM / TO	R	G	~~G~~
1ST	R	R	Y	~~Y~~
2ND		R	R	R
1ST	G	R	G	-
2ND		R	G	-
1ST	~~G~~	R	-	~~G~~
2ND		R	-	~~G~~

AS-BUILT REVISIONS

102.45(2)

SIGNATURE DATE

RTE. 24 @ NASSAU COLISEUM, SIG.# 102.45, UNIONDALE

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

DRAWING NO.	SCALE	DATE	REGION TEM
TSP-2		6-97	

Phase Times [1.1.1]

	1	2	3	4	5	6	7	8
Min Green	10	10	7		5	10		
Gap, Ext	3	1	3		2	1		
Max 1	42	55	25		25	55		
Max 2								
Yel Clearance	4.7	5	4.7		4.7	5		
Red Clearance	3	2	3		2	2		
Walk		7	7					
Ped Clearance		18	35					
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								

Options [1.1.2]

	1	2	3	4	5	6	7	8
Enable	ON	ON	ON		ON	ON		
Min Recall	ON							
Max Recall		ON				ON		
Ped Recall								
Soft Recall								
Lock Calls					ON			
Auto Flash Entry								
Auto Flash Exit								
Dual Entry		ON				ON		
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								

Options+ [1.1.3]

	1	2	3	4	5	6	7	8
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay								

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	120	2	1	1	13	0	0	13	1	25	0	0	0	1	37	0	0	0	1
2	140	27	2	1	14	0	0	14	1	26	0	0	0	1	38	0	0	0	1
3	160	28	3	1	15	0	0	15	1	27	0	0	0	1	39	0	0	0	1
4	120	112	4	1	16	0	0	16	1	28	0	0	0	1	40	0	0	0	1
5	0	0	5	1	17	0	0	17	1	29	0	0	0	1	41	0	0	0	1
6	0	0	6	1	18	0	0	18	1	30	0	0	0	1	42	0	0	0	1
7	0	0	7	1	19	0	0	19	1	31	0	0	0	1	43	0	0	0	1
8	200	0	8	1	20	0	0	20	1	32	0	0	0	1	44	0	0	0	1
9	140	37	9	1	21	0	0	21	1	33	0	0	0	1	45	0	0	0	1
10	140	3	10	1	22	0	0	22	1	34	0	0	0	1	46	0	0	0	1
11	0	0	11	1	23	0	0	23	1	35	0	0	0	1	47	0	0	0	1
12	0	0	12	1	24	0	0	24	1	36	0	0	0	1	48	0	0	0	1
Split		1	2	3	4	5	6	7	8	Split		1	2	3	4	5	6	7	8
1	Coor	45	50	25	0	20	75	25	0	13	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
2	Coor	45	70	25	0	20	95	25	0	14	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
3	Coor	45	90	25	0	20	115	25	0	15	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
4	Coor	45	50	25	0	20	75	25	0	16	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
5	Coor	0	0	0	0	0	0	0	0	17	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
6	Coor	0	0	0	0	0	0	0	0	18	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
7	Coor	0	0	0	0	0	0	0	0	19	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
8	Coor	41	130	29	0	29	142	29	0	20	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
9	Coor	29	86	25	0	29	86	25	0	21	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
10	Coor	29	86	25	0	29	86	25	0	22	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
11	Coor	0	0	0	0	0	0	0	0	23	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
12	Coor	0	0	0	0	0	0	0	0	24	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON

Page#	
1	8 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
1A&1B	16 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
2	Overlaps; Channel Settings; Coord Alt Table+ (values not associated with time-of-day)
3	Detection; Sample Time and Unit Parameters related to detection
4	Preemption and Alternate Phase Time and Phase Options
5	Annual Schedule
6	Day Plans; Action Tables; Coord Alt Table+ (values varied by time-of-day)
7	Communications; Secutiry; I/O Setup
8	Misc - Events/Alarms; Call/Inhibit/Redirect; P/OLAP Auto Flash; CIC; Misc Unit Param

3049

Loc 3 & 4

Ring/Startup [1.1.4]

Phs	Ring	Start	Enable
1	1	Red	ON
2	1	Green	ON
3	1	Red	ON
4	2	Red	OFF
5	2	Red	ON
6	2	Green	ON
7	2	Red	OFF
8	2	Red	OFF

Coord Modes [2.1]

Test OpMode	0
Correction	SHRT/LNG
Maximum	MAX 1
Force-Off	FIXED
Closed Loop	ON
Stop-in-Walk	ON
Auto Reset	ON
Expand Splt	OFF
Ped Recycle	NO_RECYCLE
Before	TIMED
After	TIMED

Auto Flash [1.4.1]

Auto Flash	PH OVER
Flash Yel	45
Flash Red	20

Unit Params [1.2.1]

Phase Mode	STD8
IO Mode	User
Loc Flsh Start	Red
Start Flash(s)	0
Start AllRed(s)	6
Yellow < 3"	OFF
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	1
Auxswitch	STOPTM
SDLC Retry	0
TS2 Det Faults	ON
Auto Ped Clear	OFF
SDLC Retry	0

Times [1.1.1]	1	2	3	4	5	6	7	8
Min Green	10	10	7		5	10		
Gap, Ext	3	1	3		2	1		
Max 1	42	55	25		25	55		
Max 2								
Yel Clearance	4.7	5	4.7		4.7	5		
Red Clearance	3	2	3		2	2		
Walk		7	7					
Ped Clearance		18	35					
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								

Options [1.1.2]	1	2	3	4	5	6	7	8
Enable	ON	ON	ON		ON	ON		
Min Recall	ON							
Max Recall		ON				ON		
Ped Recall								
Soft Recall								
Lock Calls					ON			
Auto Flash Entry								
Auto Flash Exit								
Dual Entry		ON				ON		
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								

Options+ [1.1.3]	1	2	3	4	5	6	7	8
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay	0	0	0	0	0	0	0	0

3049 24 @ Cunningham & West Drive Sig# 102.33

Coord Patterns [2.4] and Split Tables [2.7.1]

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	120	2	1	1	13	0	0	13	1	25	0	0	0	1	37	0	0	0	1
2	140	27	2	1	14	0	0	14	1	26	0	0	0	1	38	0	0	0	1
3	160	28	3	1	15	0	0	15	1	27	0	0	0	1	39	0	0	0	1
4	120	112	4	1	16	0	0	16	1	28	0	0	0	1	40	0	0	0	1
5	0	0	5	1	17	0	0	17	1	29	0	0	0	1	41	0	0	0	1
6	0	0	6	1	18	0	0	18	1	30	0	0	0	1	42	0	0	0	1
7	0	0	7	1	19	0	0	19	1	31	0	0	0	1	43	0	0	0	1
8	200	0	8	1	20	0	0	20	1	32	0	0	0	1	44	0	0	0	1
9	140	37	9	1	21	0	0	21	1	33	0	0	0	1	45	0	0	0	1
10	140	3	10	1	22	0	0	22	1	34	0	0	0	1	46	0	0	0	1
11	0	0	11	1	23	0	0	23	1	35	0	0	0	1	47	0	0	0	1
12	0	0	12	1	24	0	0	24	1	36	0	0	0	1	48	0	0	0	1

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Coor	45	50	25	0	20	75	25	0	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NVD	NVD	NVD	NVD	NVD	NVD	NVD	NVD
2	Coor	45	70	25	0	20	95	25	0	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NVD	NVD	NVD	NVD	NVD	NVD	NVD	NVD
3	Coor	45	90	25	0	20	115	25	0	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NVD	NVD	NVD	NVD	NVD	NVD	NVD	NVD
4	Coor	45	50	25	0	20	75	25	0	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
5	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
6	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
7	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
8	Coor	41	130	29	0	29	142	29	0	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
9	Coor	29	86	25	0	29	86	25	0	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
10	Coor	29	86	25	0	29	86	25	0	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
11	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
12	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
13	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
14	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
15	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
16	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

User Phase Mode

Phase>8 or Rings > 2

Coord Modes [2.1]	
Test OpMode	0
Correction	SHRT/LNG
Maximum	MAX 1
Force-Off	FIXED
Closed Loop	ON
Stop-in-Walk	ON
Auto Reset	ON
Expand Splt	OFF
Ped Recycle	NO_RECYCLE
Before	TIMED
After	TIMED
Auto Flash [1.4.1]	
Auto Flash	PH OVER
Flash Yel	45
Flash Red	20
Unit Params [1.2.1]	
Phase Mode	STD8
IO Mode	User
Loc Flsh Start	Red
Start Flash(s)	0
Start AllRed(s)	6
Yellow < 3"	OFF
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	1
Auxswitch	STOPTM
SDLC RetryTm	0
TS2 Det Faults	ON
Auto Ped Clear	OFF

<- Mode NON is Blank

03/27/23 **Page 1A**

Times [1.1.1]	9	10	11	12	13	14	15	16
Min Green								
Gap, Ext								
Max 1								
Max 2								
Yel Clearance	3	4	3	4	3	4	3	4
Red Clearance	2	2	2	2	2	2	2	2
Walk								
Ped Clearance								
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								

Options [1.1.2]	9	10	11	12	13	14	15	16
Enable								
Min Recall								
Max Recall								
Ped Recall								
Soft Recall								
Lock Calls								
Auto Flash Entry								
Auto Flash Exit								
Dual Entry								
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								

Options+ [1.1.3]	9	10	11	12	13	14	15	16
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay								

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1] — Ring/Startup [1.1.4]

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Phs	Ring	Start
17	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	2	1	Green
18	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	4	2	Red
19	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	6	2	Green
20	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	2	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	8	2	Red
21	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	10		Red
22	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	12		Red
23	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	14		Red
24	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	16		Red

Concurrency [1.1.4]

Phs	Concurrent Phases										Phs	Concurrent Phases								
1	5	6	0	0	0	0	0	0			9	0	0	0	0	0	0	0	0	
2	5	6	0	0	0	0	0	0			10	0	0	0	0	0	0	0	0	
3	7	8	0	0	0	0	0	0			11	0	0	0	0	0	0	0	0	
4	3	4	0	0	0	0	0	0			12	0	0	0	0	0	0	0	0	
5	1	2	0	0	0	0	0	0			13	0	0	0	0	0	0	0	0	
6	1	2	0	0	0	0	0	0			14	0	0	0	0	0	0	0	0	
7	3	4	0	0	0	0	0	0			15	0	0	0	0	0	0	0	0	
8	3	4	0	0	0	0	0	0			16	0	0	0	0	0	0	0	0	

Note: Expanded Splits are not used because "Expanded Splits" is OFF

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	0	0	1	1	25	0	0	0	1
2	0	0	2	1	26	0	0	0	1
3	0	0	3	1	27	0	0	0	1
4	0	0	4	1	28	0	0	0	1
5	0	0	5	1	29	0	0	0	1
6	0	0	6	1	30	0	0	0	1
7	0	0	7	1	31	0	0	0	1
8	0	0	8	1	32	0	0	0	1
9	0	0	9	1	33	0	0	0	1
10	0	0	10	1	34	0	0	0	1
11	0	0	11	1	35	0	0	0	1
12	0	0	12	1	36	0	0	0	1
13	0	0	13	1	37	0	0	0	1
14	0	0	14	1	38	0	0	0	1
15	0	0	15	1	39	0	0	0	1
16	0	0	16	1	40	0	0	0	1
17	0	0	17	1	41	0	0	0	1
18	0	0	18	1	42	0	0	0	1
19	0	0	19	1	43	0	0	0	1
20	0	0	20	1	44	0	0	0	1
21	0	0	21	1	45	0	0	0	1
22	0	0	22	1	46	0	0	0	1
23	0	0	23	1	47	0	0	0	1
24	0	0	24	1	48	0	0	0	1

Expanded Splits	**OFF**

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

24	Coord	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON
		0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
2	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
3	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
4	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
5	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
6	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
7	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
8	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
9	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
10	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
11	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
12	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
13	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
14	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
15	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
16	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
17	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
18	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
19	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
20	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
21	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
22	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
23	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

3049 **24 @ Cunningham & West Drive S** 3/27/2023

Overlap 1-16 Program Parms & Parm+ [1.5.2.1] [1.5.2.2]

Overlap Conflict Lock: OFF | Overlap Lock Inhibit: OFF | Parent Ph Clearance: OFF | Extra Included Ph: ON

	Included Ø	1	3						Type	NORMAL		Included Ø								Type	NORMAL
1	Modifier Ø								Grn		9	Modifier Ø								Grn	
	Conflict Ø								Yel	4.7		Conflict Ø								Yel	3.5
A	Conflict Olap								Red	3	I	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø	2							Type	NORMAL		Included Ø								Type	NORMAL
2	Modifier Ø								Grn	4	10	Modifier Ø								Grn	
	Conflict Ø								Yel	5		Conflict Ø								Yel	3.5
B	Conflict Olap								Red	2	J	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø	1	3						Type	NORMAL		Included Ø								Type	NORMAL
3	Modifier Ø								Grn		11	Modifier Ø								Grn	
	Conflict Ø								Yel	4.7		Conflict Ø								Yel	3.5
C	Conflict Olap								Red	3	K	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
4	Modifier Ø								Grn		12	Modifier Ø								Grn	
	Conflict Ø								Yel	3		Conflict Ø								Yel	3.5
D	Conflict Olap								Red	2	L	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
5	Modifier Ø								Grn		13	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
E	Conflict Olap								Red	1.5	M	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
6	Modifier Ø								Grn		14	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
F	Conflict Olap								Red	1.5	N	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
7	Modifier Ø								Grn		15	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
G	Conflict Olap								Red	1.5	O	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
8	Modifier Ø								Grn		16	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
H	Conflict Olap								Red	1.5	P	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	

Channel Settings [1.8.1]

.....Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Phase / Olap #	1	6	2	3	3	5		2	2	3														
Channel Type	OLP	VEH	VEH	VEH	OLP	VEH	VEH	OLP	PED	PED	VEH	VEH	VEH	VEH	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Channel Flash	Red	YEL	YEL	Red	DRK	Red	Red	YEL	DRK	DRK	Red	Red	Red	Red	DRK	DRK	DRK	DRK	DRK	DRK	DRK	DRK	DRK	DRK
Alt Hz																								

Channel+ Settings [1.8.4]

.....Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Flash Red+																								
Flash Yellow+																								
Flash Green+																								
Flash Inh Red+																								
Olap Ovrd																								

Coord Transition, CoorPhs [2.5]

Pat#	Short	Long	Dwell	No Shortway Ø				E-Yld	Offset	RetHld	Float	Min Veh Perm	Min Ped Perm
1	12	22							EndGRN				ON
2	12	22							EndGRN				ON
3	12	22							EndGRN				ON
4	12	22							EndGRN				ON
5	12	22							EndGRN				
6	12	22							EndGRN				
7	12	22							EndGRN				
8	12	22							EndGRN				
9	12	22							EndGRN				
10	12	22							EndGRN				
11	12	22							EndGRN				
12	12	22							EndGRN				
13	12	22							EndGRN				
14	12	22							EndGRN				
15	12	22							EndGRN				
16	12	22							EndGRN				
17	12	22							EndGRN				
18	12	22							EndGRN				
19	12	22							EndGRN				
20	12	22							EndGRN				
21	12	22							EndGRN				
22	12	22							EndGRN				
23	12	22							EndGRN				
24	12	22							EndGRN				
25									BegGRN				
26									BegGRN				
27									BegGRN				
28									BegGRN				
29									BegGRN				
30									BegGRN				
31									BegGRN				
32									BegGRN				
33									BegGRN				
34									BegGRN				
35									BegGRN				
36									BegGRN				
37									BegGRN				
38									BegGRN				
39									BegGRN				
40									BegGRN				
41									BegGRN				
42									BegGRN				
43									BegGRN				
44									BegGRN				
45									BegGRN				
46									BegGRN				
47									BegGRN				
48									BegGRN				

Channel Params[1.8.3]

C1 IO Mode	User	Single BIU Map	SINGLE	Invert Rail Input	OFF

Veh Par 1-64 [5.1]

Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time
1	1						45	50	255
2	1						45	50	255
3	1						45	50	255
4	1						45	50	255
5	3						45	50	255
6	5						45	50	255
7							45	50	255
8							45	50	255
9							45	50	255
10							45	50	255
11							45	50	255
12							45	50	255
13							45	50	
14							45	50	255
15							45	50	255
16							45	50	255
17							45	50	255
18							45	50	255
19							45	50	255
20							45	50	255
21							45	50	255
22							45	50	255
23							45	50	255
24							45	50	255
25							45	50	255
26							45	50	255
27							45	50	255
28							45	50	255
29							45	50	
30							45	50	
31							45	50	
32							45	50	

Veh Par 1-64 [5.1]

Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time
33							45	50	
34							45	50	
35							45	50	
36							45	50	
37							45	50	
38							45	50	
39							45	50	
40							45	50	
41							45	50	
42							45	50	
43							45	50	
44							45	50	
45							45	50	
46							45	50	
47							45	50	
48							45	50	
49							45	50	
50							45	50	
51							45	50	
52							45	50	
53							45	50	
54							45	50	
55							45	50	
56							45	50	
57							45	50	
58							45	50	
59							45	50	
60							45	50	
61							45	50	
62							45	50	
63							45	50	
64							45	50	

Vehicle Options 1-64 [5.2]

Det #	Call	Ext	Que	Add Init	Red Lock	Yell Lock	occ	vol
1	ON	ON		ON				
2	ON	ON		ON				
3	ON	ON		ON				
4	ON	ON		ON				
5	ON	ON		ON				
6	ON	ON		ON				
7	ON	ON		ON				
8	ON	ON		ON				
9	ON	ON		ON				
10	ON	ON		ON				
11	ON	ON		ON				
12	ON	ON		ON				
13	ON	ON		ON				
14	ON	ON		ON				
15	ON	ON		ON				
16	ON	ON		ON				
17	ON	ON		ON				
18	ON	ON		ON				
19	ON	ON		ON				
20	ON	ON		ON				
21	ON	ON		ON				
22	ON	ON		ON				
23	ON	ON		ON				
24	ON	ON		ON				
25	ON	ON		ON				
26	ON	ON		ON				
27	ON	ON		ON				
28	ON	ON		ON				
29	ON	ON		ON				
30	ON	ON		ON				
31	ON	ON		ON				
32	ON	ON		ON				

Vehicle Options 1-64 [5.2]

Det #	Call	Ext	Que	Add AddInit	Red Lock	Yell Lock	occ	vol
33	ON	ON		ON				
34	ON	ON		ON				
35	ON	ON		ON				
36	ON	ON		ON				
37	ON	ON		ON				
38	ON	ON		ON				
39	ON	ON		ON				
40	ON	ON		ON				
41	ON	ON		ON				
42	ON	ON		ON				
43	ON	ON		ON				
44	ON	ON		ON				
45	ON	ON		ON				
46	ON	ON		ON				
47	ON	ON		ON				
48	ON	ON		ON				
49	ON	ON		ON				
50	ON	ON		ON				
51	ON	ON		ON				
52	ON	ON		ON				
53	ON	ON		ON				
54	ON	ON		ON				
55	ON	ON		ON				
56	ON	ON		ON				
57	ON	ON		ON				
58	ON	ON		ON				
59	ON	ON		ON				
60	ON	ON		ON				
61	ON	ON		ON				
62	ON	ON		ON				
63	ON	ON		ON				
64	ON	ON		ON				

Parameters+ 1-64 [5.3]

Det #	oc G	oc Y	oc R	Dlay 1	Dlay 2	Type	Src
1						NORM	
2						NORM	
3						NORM	
4						NORM	
5						NORM	
6						NORM	
7						NORM	
8						NORM	
9						NORM	
10						NORM	
11						NORM	
12						NORM	
13						NORM	
14						NORM	
15						NORM	
16						NORM	
17						NORM	
18						NORM	
19						NORM	
20						NORM	
21						NORM	
22						NORM	
23						NORM	
24						NORM	
25						NORM	
26						NORM	
27						NORM	
28						NORM	
29						NORM	
30						NORM	
31						NORM	
32						NORM	

Parameters+ 1-64 [5.3]

Det #	occ Grn	occ Yell	occ Red	Dlay 1	Dlay 2	Type	Src
33						NORM	
34						NORM	
35						NORM	
36						NORM	
37						NORM	
38						NORM	
39						NORM	
40						NORM	
41						NORM	
42						NORM	
43						NORM	
44						NORM	
45						NORM	
46						NORM	
47						NORM	
48						NORM	
49						NORM	
50						NORM	
51						NORM	
52						NORM	
53						NORM	
54						NORM	
55						NORM	
56						NORM	
57						NORM	
58						NORM	
59						NORM	
60						NORM	
61						NORM	
62						NORM	
63						NORM	
64						NORM	

Ped Det Parms [5.4]

Det #	Call Ø	No Act	Max Pres	Err Cnt
1	2		15	
2	3		15	
3			15	
4			15	
5			15	
6			15	
7			15	
8			15	

Unit Paramters [1.2.1]

TS2 Det Faults	ON

Vol/Occ Report Parm [1.5.8]

Vol/Occ Period Minutes	0
Vol/Occ Period Minutes	15

24 @ Cunningham & West Drive Sig# 102.33

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Preemption Times [3.1], Options+ [3.6]

Pre #	Enable	Type	Output	Delay	MinDura
1	ON	RAIL	Dwell		15
2	ON	RAIL	Dwell		15
3	ON	EMERG	Dwell		5
4	ON	EMERG	Dwell		5
5	ON	EMERG	Dwell		5
6	ON	EMERG	Dwell		5
Pre #	MaxPres	MinGrn	MinWlk	PedClr	Co+Pre
1	180	3			ON
2	180	3			ON
3	180	3		10	ON
4	180	3		10	ON
5	180	3		10	ON
6	180	3		10	ON
Pre #	Track Grn	Min Dwell	Ext Dwell	PedClr+	Yel
1		2			
2		2			
3		2			
4		2			
5		2			
6		2			

Pre #	Red	Pattern	Skip
1			OFF
2			OFF
3			OFF
4			OFF
5			OFF
6			OFF

Low Priority Preempts

Pre #	Type	Min	Max
7	OFF		
8	OFF		
9	OFF		
10	OFF		

Unit Parameters [1.2.1]

Stop Timer Over Preempt	OFF
Preempt or Ext Output	PRE
Max Seek Track Time	
Max Seek Dwell Time	

Channel Parameters [1.8.3]

D Conn Mappings	None
Pre Invert Rail Input	OFF

Track Clear Phases [3.2], Track Clear Overlaps+ [3.5]

Pre #	Track Phases	Track Overlaps
1		
2		
3		
4		
5		
6		

Dwell Phases [3.2] and Overlaps+ [3.5]

Pre #		
1	Phases	
	Overlap	
	Peds	
2	Phases	
	Overlap	
	Peds	
3	Phases	
	Overlap	
	Peds	
4	Phases	
	Overlap	
	Peds	
5	Phases	
	Overlap	
	Peds	
6	Phases	
	Overlap	
	Peds	

Exit Phases [3.2]

Pre #	Exit Phase
1	
2	
3	
4	
5	
6	

Preemption Options+ [3.6]

Pre #	Lock	Override Auto Flsh	Override Higher	Flsh Dwell	Link
1	ON	ON	ON	OFF	
2	ON	ON	ON	OFF	
3	ON	ON	ON	OFF	
4	ON	ON	ON	OFF	
5	ON	ON	ON	OFF	
6	ON	ON	ON	OFF	

Alt# 1 Times Table [1.1.6.1.2]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 2 Times Table [1.1.6.1.2]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 3 Times Table [1.1.6.1.3]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 1 Options Table [1.1.6.2.1]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 1 Veh Parameters [5.5.1.1]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Swiitch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 1 Veh Options [5.5.1.2]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 1 Veh Parameters+ [5.5.1.3]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 1 Ped Parameters+ [5.5.1.4]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Alt# 2 Options Table [1.1.6.2.2]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 3 Options Table [1.1.6.2.3]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 4 Options Table [1.1.6.2.4]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 2 Veh Parameters [5.5.2.1]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Swiitch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 2 Veh Options [5.5.2.2]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 2 Veh Parameters+ [5.5.2.3]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 2 Ped Parameters+ [5.5.2.4]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Annual Schedule [4.3] Month of Year Day of Week Date Day Plan Link To

	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Day Plan	Link To
1	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	1	
2																																																		1	
3																																																			1	
4																																																		1	
5																																																		1	
6																																																		1	
7																																																		1	
8																																																		1	
9																																																		1	
10																																																		1	
11																																																		1	
12																																																		1	
13																																																		1	
14																																																		1	
15																																																		1	
16																																																		1	
17																																																		1	
18																																																		1	
19																																																		1	
20																																																		1	
21																																																		1	
22																																																		1	
23																																																		1	
24																																																		1	

Day Plans [4.4]

Day Plan 1								Day Plan 2								Day Plan 3							
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act
1	0	0	4	9	0	0	0	1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0
2	1	0	4	10	0	0	0	2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0
3	6	0	3	11	0	0	0	3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0
4	9	30	2	12	0	0	0	4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0
5	15	30	3	13	0	0	0	5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0
6	19	0	2	14	0	0	0	6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0
7	21	0	4	15	0	0	0	7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0

Day Plan 4								Day Plan 5								Day Plan 6							
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0

Day Plan 7								Day Plan 8								Day Plan 9							
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0	1	0	0	4	9	0	0	0
2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0	2	4	0	9	10	0	0	0
3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0	3	12	0	10	11	0	0	0
4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0	4	22	0	4	12	0	0	0
5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0

Day Plan 10								Day Plan 11								Day Plan 12							
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0

Day Plan 13								Day Plan 14								Day Plan 15							
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0

Action Table [4.5]

Act#	Pat#	A1	A2	A3	S1	S2	S3	S4	S5	S6	S7	S8
1	1											
2	2											
3	3											
4	4											
5	5											
6	6											
7	7											
8	8											
9	9											
10	10											
11	11											
12	12											
13	13											
14	14											
15	15											
16	16											
17	17											
18	18											
19	19											
20	20											
21	21											
22	22											
23	23											
24	24											
25												
26												
27												
28												
29												
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
48												
98												
99												
100	255											

Coord Alternate Tables - Pat+ [2.6]

Pat#	ØOpt	ØTime	DetG	Call Inh	CIC	CNA1	Overlap Off 1	2	3	4	5	6	7	8	Dia	Max2
1															DFT	
2															DFT	
3															DFT	
4															DFT	
5															DFT	
6															DFT	
7															DFT	
8															DFT	
9															DFT	
10															DFT	
11															DFT	
12															DFT	
13															DFT	
14															DFT	
15															DFT	
16															DFT	
17															DFT	
18															DFT	
19															DFT	
20															DFT	
21															DFT	
22															DFT	
23															DFT	
24															DFT	
25															DFT	
26															DFT	
27															DFT	
28															DFT	
29															DFT	
30															DFT	
31															DFT	
32															DFT	
33															DFT	
34															DFT	
35															DFT	
36															DFT	
37															DFT	
38															DFT	
39															DFT	
40															DFT	
41															DFT	
42															DFT	
43															DFT	
44															DFT	
45															DFT	
46															DFT	
47															DFT	
48															DFT	

C1-USER IO Map [1.8.9.1 In]

I1-1	1	Veh Call 1
I1-2	2	Veh Call 2
I1-3	3	Veh Call 3
I1-4	4	Veh Call 4
I1-5	5	Veh Call 5
I1-6	6	Veh Call 6
I1-7	7	Veh Call 7
I1-8	8	Veh Call 8
I2-1	9	Veh Call 9
I2-2	10	Veh Call 10
I2-3	11	Veh Call 11
I2-4	12	Veh Call 12
I2-5	13	Veh Call 13
I2-6	14	Veh Call 14
I2-7	129	Ped Call 1
I2-8	130	Ped Call 2
I3-1	17	Veh Call 17
I3-2	18	Veh Call 18
I3-3	19	Veh Call 19
I3-4	20	Veh Call 20
I3-5	21	Veh Call 21
I3-6	22	Veh Call 22
I3-7	23	Veh Call 23
I3-8	24	Veh Call 24
I4-1	189	Unused
I4-2	189	Unused
I4-3	189	Unused
I4-4	189	Unused
I4-5	189	Unused
I4-6	189	Unused
I4-7	229	33xCMUStop
I4-8	228	33xFlashSns
I5-1	189	Unused
I5-2	189	Unused
I5-3	189	Unused
I5-4	189	Unused
I5-5	189	Unused
I5-6	189	Unused
I5-7	189	Unused
I5-8	189	Unused
I6-1	189	Unused
I6-2	189	Unused
I6-3	189	Unused
I6-4	189	Unused
I6-5	189	Unused
I6-6	189	Unused
I6-7	189	Unused
I6-8	189	Unused

C1-USER IO Map [1.8.9.2 Out]

O1-1	1	Ch1 Red
O1-2	49	Ch1 Green
O1-3	2	Ch2 Red
O1-4	26	Ch2 Yellow
O1-5	50	Ch2 Green
O1-6	3	Ch3 Red
O1-7	27	Ch3 Yellow
O1-8	51	Ch3 Green
O2-1	4	Ch4 Red
O2-2	52	Ch4 Green
O2-3	5	Ch5 Red
O2-4	29	Ch5 Yellow
O2-5	53	Ch5 Green
O2-6	6	Ch6 Red
O2-7	30	Ch6 Yellow
O2-8	54	Ch6 Green
O3-1	7	Ch7 Red
O3-2	55	Ch7 Green
O3-3	8	Ch8 Red
O3-4	32	Ch8 Yellow
O3-5	56	Ch8 Green
O3-6	9	Ch9 Red
O3-7	33	Ch9 Yellow
O3-8	57	Ch9 Green
O4-1	10	Ch10 Red
O4-2	58	Ch10 Green
O4-3	11	Ch11 Red
O4-4	35	Ch11 Yellow
O4-5	59	Ch11 Green
O4-6	12	Ch12 Red
O4-7	36	Ch12 Yellow
O4-8	60	Ch12 Green
O5-1	28	Ch4 Yellow
O5-2	34	Ch10 Yellow
O5-3	25	Ch1 Yellow
O5-4	31	Ch7 Yellow
O5-5	39	Ch15 Yellow
O5-6	63	Ch15 Green
O5-7	115	Not Used
O5-8	114	Watchdog
O6-1	115	Not Used
O6-2	115	Not Used
O6-3	13	Ch13 Red
O6-4	37	Ch13 Yellow
O6-5	61	Ch13 Green
O6-6	14	Ch14 Red
O6-7	38	Ch14 Yellow
O6-8	62	Ch14 Green

C1-USER IO Map [1.8.9.2 Out]

O7-1	40	Ch16 Yellow
O7-2	16	Ch16 Red
O7-3	64	Ch16 Green
O7-4	115	Not Used
O7-5	115	Not Used
O7-6	115	Not Used
O7-7	115	Not Used
O7-8	15	Ch15 Red

C11S-USER IO Map [1.8.9.1 In]

I4-1		
I4-2		
I4-3		
I4-4		
I7-1	189	Unused
I7-2	189	Unused
I7-3	189	Unused
I7-4	189	Unused
I7-5	189	Unused
I7-6	189	Unused
I7-7	189	Unused
I7-8	189	Unused
I8-1	189	Unused
I8-2	189	Unused
I8-3	189	Unused
I8-4	189	Unused
I8-5	189	Unused
I8-6	189	Unused
I8-7	189	Unused
I8-8	189	Unused

C11S-USER IO Map [1.8.9.2 Out]

O8-1	115	Not Used
O8-2	115	Not Used
O8-3	115	Not Used
O8-4	115	Not Used
O8-5	115	Not Used
O8-6	115	Not Used
O8-7	115	Not Used
O8-8	115	Not Used

IO Logic [1.8.7]

Op1	Result		O1Fcn	Inv1	IO1	Opn1	O2Fcn	Inv2	IO2	Opn2	O3Fcn	Inv3	IO3	Opn3	Dly	Sec
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0

Security Access Levels [8.2]

1	SWLOAD	22	None	43	None
2	SECURE	23	None	44	None
3	None	24	None	45	None
4	None	25	None	46	None
5	None	26	None	47	None
6	None	27	None	48	None
7	None	28	None	49	None
8	None	29	None	50	None
9	None	30	None	51	None
10	None	31	None	52	None
11	None	32	None	53	None
12	None	33	None	54	None
13	None	34	None	55	None
14	None	35	None	56	None
15	None	36	None	57	None
16	None	37	None	58	None
17	None	38	None	59	None
18	None	39	None	60	None
19	None	40	None	61	None
20	None	41	None	62	None
21	None	42	None	63	None
				64	None

Com Parameters [6.1]

Station ID	3049
Group ID	
Master ID	0
Backup Time	0

SysUp Modem [6.1]

Enable Modem	OFF
Idle Time	0
Dial Time	0
Tel:	
Alt:	

2070 Port Parms [6.2]

Port	Baud Rate	FCM
SP1	9600	MODE 6
SP2	9600	MODE 6
SP3	19200	MODE 6
SP4	38400	MODE 6
SP5	1200	AUTO
SP6	1200	AUTO
SP7	1200	AUTO
SP8	1200	AUTO

2070 IP 1 Addressing [6.5]

	Addressing			
Addr	10	20	9	136
Mask	255	255	255	224
Brdcst	10	20	9	159
GtWay	10	20	9	129
Port	5287			

2070 IP 2 Addressing [6.5]

	Addressing			
Addr	0	0	0	0
Mask	0	0	0	0
Brdcst	0	0	0	0
GtWay	0	0	0	0
Port	0			

2070 Port Binding Ports [6.6]

	Port	Echo	Mode
ASYNC1	SP1	OFF	0
ASYNC2	SP2	OFF	0
ASYNC3	SP3	OFF	0
ASYNC4	SP4	OFF	0
SYNC1	SP5S	SYNC3	OFF
SYNC2	OFF	SYNC4	OFF

2070 Port Binding Functions [6.6]

Function	Channel	Function	Channel
TS2/CVM	None	SYSUp	ASYNC2
CMU/MMU	None	SYSDown	ASYNC1
Opticom	None	Shell	None
Loop Det.	None		
GPS	-		

#	Event / Alarm	Ev	Alr
1	Power Up Alarm.	ON	
2	Stop Timing	ON	ON
3	TS1 Cabinet Door	ON	ON
4	Coordination Failure	ON	ON
5	External Alarm # 1		
6	External Alarm # 2		
7	External Alarm # 3		
8	External Alarm # 4		
9	Closed Loop Disabled		
10	External Alarm # 5		
11	External Alarm # 6		
12	Manual Control Enable	ON	
13	Coord Free Input	ON	
14	Local Flash Input	ON	
15	MMU Flash	ON	
16	CMU Flash	ON	
17	Cycle Fault	ON	
18	Cycle Failure	ON	
19	Coordination Fault	ON	
20	Controller Fault	ON	
21	Detector SDLC Failure	ON	
22	MMU SDLC Failure	ON	
23	Critical SDLC Failure	ON	
24	Reserved	ON	
25	EEPROM CRC Fault	ON	
26	Detector Diagnostic Failur	ON	ON
27	BIU Detector Failure	ON	
32	Queue detector alarm	ON	
29	Ped Detector Fault	ON	ON
30	Coord Diagnostic Fault	ON	ON
41	TempAlert Probe Ch. A		
42	TempAlert Probe Ch. B		
47	Coord Active	ON	ON
48	Preempt Active	ON	ON
49	Preempt 1 Input	ON	
50	Preempt 2 Input	ON	
51	Preempt 3 Input	ON	
52	Preempt 4 Input	ON	
53	Preempt 5 Input	ON	
54	Preempt 6 Input	ON	
55	Preempt 7 Input	ON	
56	Preempt 8 Input	ON	
57	Preempt 9 Input	ON	
58	Preempt 10 Input	ON	
61	In Transition		
81	FIO Status Alarm		

Call Phases[1.1.5]

Ø	Ø	Phases Called By Ø			
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

Redirect Phases[1.1.5]

	From	To	From	To	From	To	From	To
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

Inhibit Phases[1.1.5]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																

Alt Call & Redirect # 1 [1.1.6.3]

Col	Ø	Phases Called By Ø					From	To	From	To	From	To	From	To	From	To
1						1										
2						2										
3						3										
4						4										
5						5										
6						6										
7						7										
8						8										

Alt Inhibit Phases # 1 [1.1.6.3]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																

Alt Call & Redirect # 2 [1.1.6.3]

Col	Ø	Phases Called By Ø					From	To	From	To	From	To	From	To	From	To
1						1										
2						2										
3						3										
4						4										
5						5										
6						6										
7						7										
8						8										

Alt Inhibit Phases # 2 [1.1.6.3]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																

Coord, CIC Plans [2.3]

CIC	CoØ	Grow	1	2	3	4	5	6	7	8
1	OFF									
2	OFF									
3	OFF									
4	OFF									

Auto Flash Phase/Olap Settings [1.4.2]

Yel Ø								
Yel (olaps)								

Unit Parameters [1.2.1]

Allow Skip Yellow	OFF	Max Cycle Time	
TOD Dim Enable	OFF	Cycle Fault Action	Alarm
Tone Disable	OFF		
Diamond Mode	4Ph		
Backup Time (s)	900		
Disable Init Ped	OFF		
Cycle Fault Action	Alarm		
Enable Run Timer	ON		

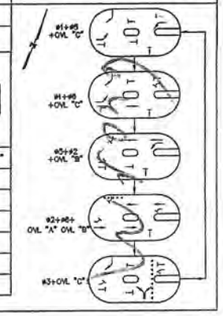
HEMPSTEAD TURNPIKE & CUNNINGHAM AVENUE/WEST DRIVE

SEQUENCE TABLE

PHASE	FACES 1	2,3,4	5,6,7	8,9	10,11,12	13,14	15,16	17,18	19,20
SIZE #	12"	12"	12"	12"	12"	12"	12"	16" x 18"	16" x 18"
ø1+ø5 + OVL "C"	-G	R	R	-G	R	G	R	DW	DW
ø1+ø6+ OVL"A"+OVL"C"	-R	R	R	-G	G	G	R	DW	DW
ø5+ø2 + OVL "B"	-G	G	G	-R	R	R	R	DW	DW
ø2+ø6+ OVL"A"+ OVL"B"	-R	G	G	-R	G	R	R	W	DW
ø3+ OVL "C"	-R	R	R	-R	R	G	G	DW	W
FLASH	-R	Y	Y	-R	Y	R	R	DARK	DARK

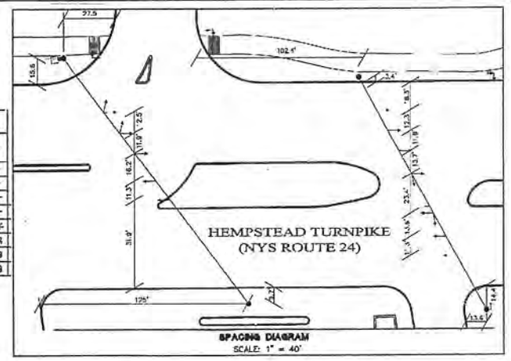
(X) -12" FACE

PHASING DIAGRAM



CLEARANCE TABLE

CLEARANCE	FROM / TO	R	G	-R	-G
1ST	R	R	Y	-	-
2ND	R	R	R	-	-
1ST	G	R	G	-	-
2ND	G	R	G	-	-
1ST	-R	-	-	-R	-R
2ND	-R	-	-	-R	-R
1ST	-G	-	-	-R	-G
2ND	-G	-	-	-R	-G



HEMPSTEAD TURNPIKE (NYS RT. 24) AND WEST DRIVE

POLE DESIGN DATA	NORTHWEST CORNER PROPOSED	SOUTHEAST CORNER PROPOSED
LENGTH	38'	38'
DESIGN LOAD	8,000 LBS.	8,000 LBS.
FOOTING MOMENT	300 FT KIPS	300 FT KIPS

HEMPSTEAD TURNPIKE (NYS RT. 24) AND CUNNINGHAM AVENUE

POLE DESIGN DATA	NORTHWEST CORNER PROPOSED	SOUTHEAST CORNER PROPOSED
LENGTH	34'	34'
DESIGN LOAD	9,000 LBS.	9,000 LBS.
FOOTING MOMENT	300 FT KIPS	300 FT KIPS

NOTES:

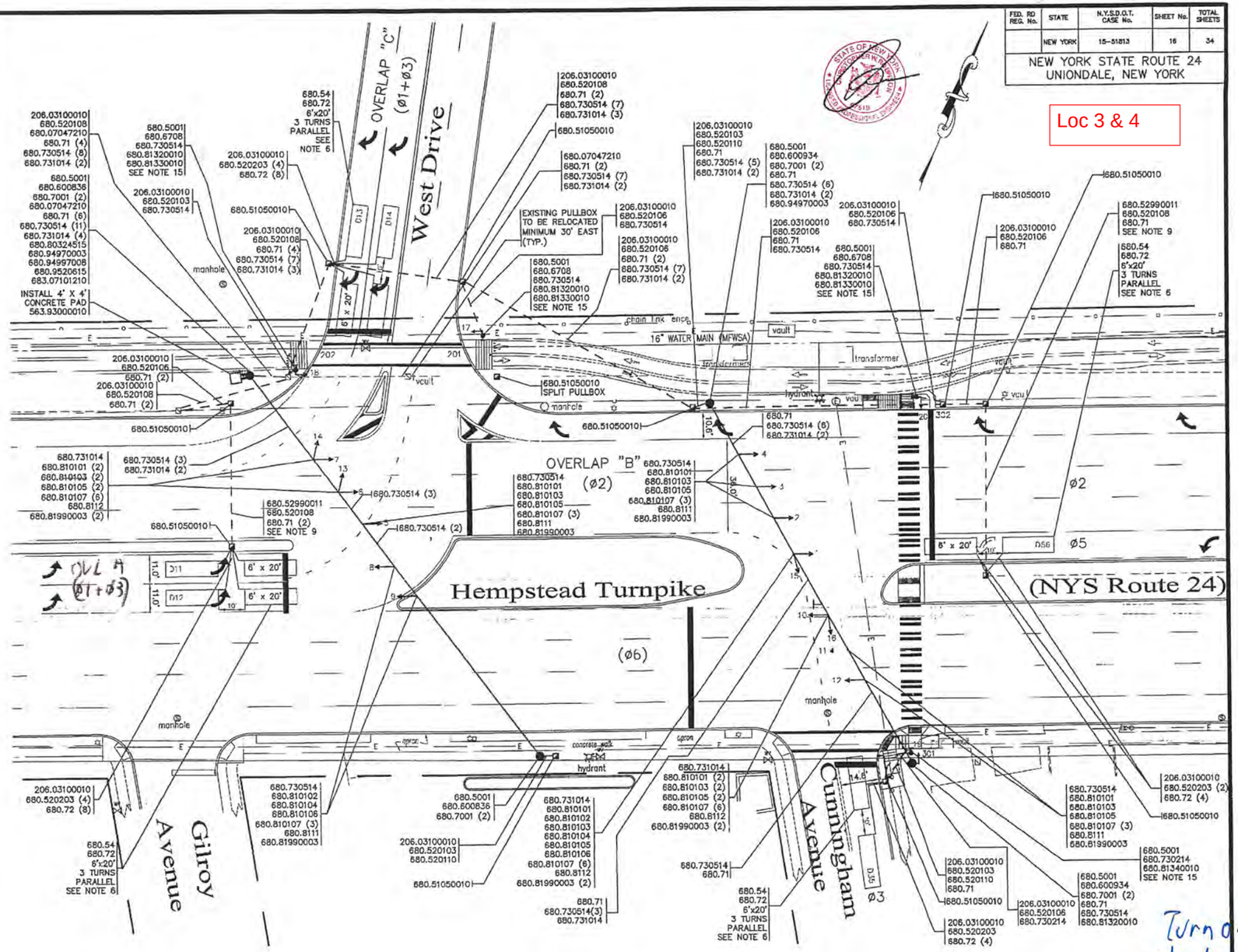
1. ALL WORK SHALL BE IN ACCORDANCE WITH THE NYS DOT REGIONAL TRAFFIC SIGNAL DETAIL SHEETS AND NYS STANDARD SHEETS.
2. PRIOR TO BEGINNING ANY WORK ON THE TRAFFIC SIGNAL, THE CONTRACTOR SHALL NOTIFY INFORM AT 631-904-3004 TO PERFORM AN INSPECTION OF THE EXISTING TRAFFIC SIGNAL EQUIPMENT. AFTER THE INSPECTION THE CONTRACTOR MUST THEN SUBMIT A WRITTEN NOTIFICATION WITH THE DATE THEY WILL ASSUME TRAFFIC SIGNAL MAINTENANCE. NO WORK SHALL BE PERFORMED UNTIL TRAFFIC SIGNAL MAINTENANCE IS ASSUMED. THE EXISTING TRAFFIC SIGNAL SHALL BE MAINTAINED UNDER ITEM 619.1613 EXCEPT FOR THE CONTROLLER PROGRAMMING AND TIMING WHICH SHALL BE MAINTAINED BY THE STATE.
3. ALL TRAFFIC SIGNALS SHALL BE MAINTAINED IN A TRAFFIC RESPONSIVE OPERATION AND ALL INTERCONNECT, WHERE EXISTING, SHALL BE MAINTAINED. THE CONTRACTOR SHALL PAY A LIQUIDATED DAMAGES CHARGE OF $500 PER CALENDAR DAY IF ACTUATION AND COORDINATION ARE NOT MAINTAINED.
4. ALL VEHICLE DETECTION AND SIGNAL COORDINATION MUST BE MAINTAINED AT ALL TIMES. SPLICING OF INDUCTANCE LOOP WIRE, SHIELDED LEAD IN AND INTERCONNECT CABLE SHALL BE ALLOWED FOR TEMPORARY REPAIRS DURING CONSTRUCTION ONLY. TEMPORARY LOOP DETECTORS, IF NECESSARY, SHALL BE 6' X 6', CENTERED IN THEIR RESPECTIVE LANES AND PAID FOR UNDER THE BID PRICE FOR ITEM 680.54M AND 680.72M. OTHER TYPES OF TEMPORARY DETECTION MAY BE USED UPON THE APPROVAL OF THE REGIONAL TRAFFIC SIGNAL SECTION.
5. TRAFFIC SIGNAL TURN-ON SHALL BE DONE BY NYS INFORM PERSONNEL ONLY. THE CONTRACTOR SHALL PAY A LIQUIDATED DAMAGES CHARGE OF $10,000 IF THE SIGNAL IS TURNED ON WITHOUT NYS INFORM PERSONNEL PRESENT. FAILURE TO HAVE NYS INFORM PRESENT MAY JEOPARDIZE FUTURE PERMIT APPROVALS. THE CONTRACTOR SHALL NOTIFY THE INFORM CONTROL CENTER AT (631) 904-3060 TWO (2) WEEKS PRIOR TO THE REQUESTED DATE OF TURN-ON.
6. ALL DETECTORS SHALL BE CENTERED IN THE TRAVEL LANES AND SPACED 10' FEET APART. THE FRONT LOOP SHALL EXTEND 2' BEYOND STOP LINE.
7. ALL PEDESTRIAN POLES SHALL BE 8 FEET HIGH. ALL PEDESTRIAN INSTRUCTION SIGNS SHALL BE R10-3B OR R10-3E FROM THE NATIONAL M.U.T.C.D. MANUAL INTERNATIONAL SYMBOLS.
8. WHERE PAVEMENT IS RESURFACED, ALL INDUCTIVE LOOPS SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF THE FINAL ASPHALT TOP COURSE.
9. ALL EQUIPMENT UNDERGROUND ON HEMPSTEAD TURNPIKE (NYS24) SHALL BE INSTALLED USING A DIRECTIONAL DRILL, NYSDOT ITEM No. 680.52990011.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL REPLACE ALL SIGNAL CABLE, DETECTOR CABLE, CONDUIT AND ALL UNDERGROUND ACCESSORY EQUIPMENT DAMAGED DURING CONSTRUCTION.
11. PRIOR TO STARTING ANY WORK AT THIS LOCATION, THE CONTRACTOR SHALL NOTIFY THE NYS DOT THAT A TONE-OUT OF SIGNAL EQUIPMENT IS NEEDED.
12. REFER TO SHEET SRP-17 FOR TABLE OF SWITCH PACKS AND TABLE OF INPUT WIRING AND ITEM LISTING TABLE.
13. CONTRACTOR SHALL INSTALL ITEM 680.94997008, INSTALL ELECTRICAL DISCONNECT GENERATOR TRANSFER SWITCH AS PER NYSDOT STANDARD SHEET 680-5 AT NO ADDITIONAL COST
14. THE NOTES ON TSD-1 TO TSD-12 SHALL APPLY. REFER TO SHEETS SRP-22 THROUGH SRP-28.
15. ALL AUDIBLE PEDESTRIAN SIGNAL PUSHBUTTONS SHALL BE PROGRAMMED WITH CUSTOM VOICE AND THE CONTRACTOR SHALL SUPPLY THE PROGRAMMING WAVE FILE TO THE STATE FOR FUTURE USE.

THESE TRAFFIC SIGNAL PLANS ARE BASED ON A SURVEY PREPARED BY JOHN MINTO, L.S., P.C., DATED OCTOBER 28, 2014. SITE PLANS PREPARED BY RMS ENGINEERING (ALL SHEETS), DATED JUNE 30, 2015. FIELD MEASUREMENTS PERFORMED BY RMS ENGINEERING AND INFORMATION PROVIDED BY NYSDOT.

FED. RD REG. No.	STATE	N.Y.S.D.O.T. CASE No.	SHEET No.	TOTAL SHEETS
	NEW YORK	15-51813	16	34

NEW YORK STATE ROUTE 24
UNIONDALE, NEW YORK

Loc 3 & 4



THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATIONS OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

20' 0' 20' 40' 60' 80'
SCALE: 1" = 20'

Turn on 5/30/18 jms

NYSDOT CASE NO. 15-51813

No.	DATE	REVISION DESCRIPTION	BY	CHD
7.	06-16-17	NO REVISIONS MADE TO THIS SHEET	JAL	-
6.	04-25-17	REVISED AS PER NYSDOT COMMENTS	MCB	JAL
5.	03-16-17	REVISED AS PER NYSDOT COMMENTS	MCB	JAL
4.	02-03-17	ISSUE NO. 12	-	CWR
3.	01-20-17	REVISED AS PER NYSDOT COMMENTS	MCB	JAL
2.	12-07-16	REVISED TO INDICATE ONLY M&K WORK	-	CWR
1.	07-18-16	REVISED AS PER NYSDOT COMMENTS	MCB	JAL

RMS ENGINEERING
Robinson, Muller & Schiavone Engineers, PC
355 New York Avenue, Huntington, New York 11743
Phone 631-271-0576 Fax 631-271-0592 www.rmsengineering.com

MEMORIAL SLOAN KETTERING
LOCATED AT
NASSAU EVENTS CENTER
SITUATED IN
UNIONDALE
TOWN OF HEMPSTEAD, NASSAU COUNTY, NEW YORK
NCTM: SECTION 44, BLOCK F, LOTS 351 & 403

TRAFFIC SIGNAL PLAN

TRAFFIC SIGNAL No. TO BE DETERMINED
HEMPSTEAD TPKE. AND WEST DRIVE
HEMPSTEAD TPKE. AND CUNNINGHAM AVE

DWN. BY:	CHK'D. BY:	SCALE:	SHEET:
DJG	CWR/WAM	1"=20'	SRP-16
DATE: 10-26-15	DATE: 10-30-15	JOB No.: 2015-045	

MSK OFF-SITE

FED. RD REQ. No.	STATE	M.Y.S.D.O.T. CASE No.	SHEET No.	TOTAL SHEETS
	NEW YORK	15-51813	17	34

NEW YORK STATE ROUTE 24
UNIONDALE, NEW YORK

KEY FOR WIRE COLOR CODE

14/ 19C - 1 - R/B
XX/XXC - X - X/X

AWG | NO. OF CONDUCTORS | CABLE NO. FOR THE GIVEN CONDUCTOR SIZE | COLOR OF WIRE | TRACER COLOR

COLOR: B-BLACK, BL-BLUE, G-GREEN, O-ORANGE, R-RED, W-WHITE

LEGEND

G=CIRCULAR GREEN
R=CIRCULAR RED
→=RIGHT GREEN ARROW
⇦=LEFT RED ARROW
⊖=LEFT YELLOW ARROW
Y=CIRCULAR YELLOW
←=LEFT GREEN ARROW
↑=VERTICAL GREEN ARROW
⇨=RIGHT RED ARROW
⊖=RIGHT YELLOW ARROW

ITEM LISTINGS

ITEM No.	DESCRIPTION	UNIT
206.03100010	CONDUIT EXCAVATION AND BACKFILL	L.F.
583.93000010	PRECAST CONCRETE LANDING PAD 4' X 4'	EACH
619.1613	MAINTAIN TRAFFIC SIGNAL EQUIP, REG. A	INTMO
680.5001	POLE EXCAVATION AND CONC. FOUNDATION	EACH
680.51050010	PULLBOX, RECT. REINFORCED CONCRETE (26" X 18")	EACH
680.520103	CONDUIT 1" STEEL – ZINC COATED	L.F.
680.520106	CONDUIT 2" STEEL – ZINC COATED	L.F.
680.520108	CONDUIT 3" STEEL – ZINC COATED	L.F.
680.520110	CONDUIT 4" STEEL – ZINC COATED	L.F.
680.520203	CONDUIT FLEXIBLE, 1"	L.F.
680.52990011	DIRECTIONAL DRILLING	L.F.
680.54	INDUCTIVE LOOP INSTALLATION	L.F.
680.600834	TRAFFIC SIGNAL POLE– 34' LENGTH, 8,000 LBS	EACH
680.600936	TRAFFIC SIGNAL POLE– 36' LENGTH, 9,000 LBS	EACH
680.8708	PEDESTRIAN POLE – POST TOP MOUNT – 8' LENGTH	EACH
680.7001	SIGNAL SPAN WIRE ASSEMBLY	EACH
680.7004	MESSENGER ASSEMBLY	EACH
680.71	SHIELDED LEAD-IN CABLE	L.F.
680.72	INDUCTANCE LOOP WIRE	L.F.
680.730214	SIGNAL CABLE, 2 CONDUCTOR, 14 AWG	L.F.
680.730514	SIGNAL CABLE, 5 CONDUCTOR, 14 AWG	L.F.
680.731014	SIGNAL CABLE, 10 CONDUCTOR, 14 AWG	L.F.
683.07097210	72 FIBER OPTIC INTERCONNECT CABLE	L.F.
680.803245154*	INSTALL MICROCOMPUTER CABINET	EACH
680.810101	TRAFFIC SIGNAL SECTION, 12", RED BALL, LED	EACH
680.810102	TRAFFIC SIGNAL SECTION, 12", RED ARROW, LED	EACH
680.810103	TRAFFIC SIGNAL SECTION, 12", YELLOW BALL, LED	EACH
680.810104	TRAFFIC SIGNAL SECTION, 12", YELLOW ARROW, LED	EACH
680.810105	TRAFFIC SIGNAL SECTION, 12", GREEN BALL, LED	EACH
680.810106	TRAFFIC SIGNAL SECTION, 12", GREEN ARROW, LED	EACH
680.810107	TRAFFIC SIGNAL SECTION, TYPE 1, 12"	EACH
680.8111	TRAFFIC SIGNAL BRACKET, 1-WAY	EACH
680.8112	TRAFFIC SIGNAL BRACKET, 2-WAY	EACH
680.8113	TRAFFIC SIGNAL BRACKET, 3-WAY	EACH
680.81320010	LED PEDESTRIAN SIGNAL WITH COUNTDOWN TIMER, 16"X18"	EACH
680.81330010	AUDIBLE PEDESTRIAN SIGNAL	EACH
680.81340010	AUDIBLE PEDESTRIAN SIGNAL WITH POST	EACH
680.81990003	TRAFFIC SIGNAL BACK PLATES WITH YELLOW REFLECTIVE TAPE	EACH
680.95020815	SERVICE CABLE, 2-CONDUCTOR, 6 AWG	LF
680.94970003	VIDEO VEHICLE PRESENCE DETECTOR	EACH
680.94997008	ELECTRICAL DISCONNECT / GENERATOR TRANSFER SWITCH	EACH
683.07101210	FIBER OPTIC CABLE PATCH PANEL – 12 PORT	EACH
683.07021210	FIBER OPTIC ARTERIAL DROP CABLE, 12 FIBERS	L.F.

* UNDER THIS ITEM THE CONTRACTOR SHALL INSTALL THE MICROCOMPUTER CABINET, WHICH IS SUPPLIED BY THE STATE, AT THE LOCATION SHOWN ON THE PLANS OR WHERE DIRECTED BY THE ENGINEER. THE STATE WILL SUPPLY THE MICROPROCESSOR, PERIPHERAL EQUIPMENT AND SOFTWARE. THE SIGNAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS AND FEES TO COMPLETE THIS WORK.

SIGNAL OPERATION SPECIFICATIONS
TABLE OF SWITCH PACKS

SIGNAL NO. TO BE DETERMINED — COUNTY: NASSAU

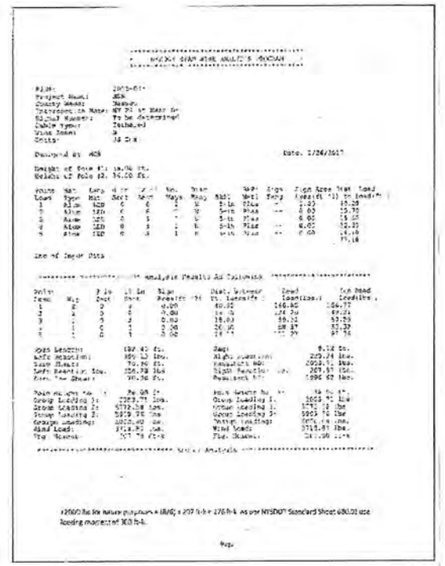
	SWITCH PACK	FUNCTION	FACE NOS.	INDICATIONS	TERMINAL	TERMINAL WIRING BOARD WIRE COLOR CODE						
R	SP 1	ΦL1 Φ4+3	8,9	R	SP 1R	14/5C-2-R	14/5C-3-R					
				Y	SP 1Y	14/5C-2-O	14/5C-3-O					
				G	SP 1G	14/5C-2-G	14/5C-3-G					
				GRND. WIRE	GRND. BUS	14/5C-2-W	14/5C-3-W					
Y	SP 2	Φ6	10,11,12	R	SP 2R	14/10C-2-R/B	14/5C-4-R/B	14/5C-5-R/B				
				Y	SP 2Y	14/10C-2-O/B	14/5C-4-O/B	14/5C-5-O/B				
				G	SP 2G	14/10C-2-G/B	14/5C-4-G/B	14/5C-5-G/B				
				GRND. WIRE	GRND. BUS	14/10C-2-W/B	14/5C-4-W/B	14/5C-5-W/B				
Y	SP 3	Φ2	5,6,7 2,3,4	R	SP 3R	14/5C-1-R/W	14/10C-2-R/W	14/10C-1-R/W	14/5C-3-R/W	14/5C-2-R/W	14/5C-1-R/W	
				Y	SP 3Y	14/5C-1-BL/W	14/10C-2-BL/W	14/10C-1-BL/W	14/5C-3-BL/W	14/5C-2-BL/W	14/5C-1-BL/W	
				G	SP 3G	14/5C-1-G/W	14/10C-2-G/W	14/10C-1-G/W	14/5C-3-G/W	14/5C-2-G/W	14/5C-1-G/W	
				GRND. WIRE	GRND. BUS	14/5C-1-B/W	14/10C-2-B/W	14/10C-1-R/W	14/5C-3-B/W	14/5C-2-B/W	14/5C-1-B/W	
R	SP 4	#3	15,16	R	SP 4R	14/10C-1-B/R	14/10C-2-B/R					
				Y	SP 4Y	14/10C-1-O/R	14/10C-2-O/R					
				G	SP 4G	14/10C-1-W/R	14/10C-2-BL/R					
				GRND. WIRE	GRND. BUS	14/10C-1-W/R	14/10C-2-W/R					
R	SP 5	kDUCE Ø1+Ø3	13,14	R	SP 5R	14/10C-2-R/B	14/10C-1-R/B					
				Y	SP 5Y	14/10C-2-O/B	14/10C-1-O/B					
				G	SP 5G	14/10C-2-G/B	14/10C-1-G/B					
				GRND. WIRE	GRND. BUS	14/10C-2-W/B	14/10C-1-W/B					
R	SP 6	#5	1	R	SP 6R	14/10C-1-R/O						
				Y	SP 6Y	14/10C-1-O/B						
				G	SP 6G	14/10C-1-G/B						
				GRND. WIRE	GRND. BUS	14/10C-1-W/B						
	SP 7			R	SP 7R							
				Y	SP 7Y							
				G	SP 7G							
				GRND. WIRE	GRND. BUS							
	SP 8	Ø4 Ø3		R	SP 8R							
				Y	SP 8Y							
				G	SP 8G							
				GRND. WIRE	GRND. BUS							
W	SP 9	PED #2	17 18	DONT WALK	SP 9R	14/5C-1-R	14/5C-2-R					
				WALK	SP 9Y							
				GRND. WIRE	SP 9G	14/5C 1-G	14/5C-2-G					
W	SP 10	PED #3	19 20	DONT WALK	GRND. BUS	14/5C-1-W	14/5C-2-W					
				WALK	SP 10R	14/5C-3-G	14/5C-4-R					
				GRND. WIRE	SP 10Y							
					SP 10G	14/5C-3-W	14/5C-4-W					
	SP 11			DONT WALK	GRND. BUS	14/5C-3-R	14/5C-4-R					
				WALK	SP 11R							
				GRND. WIRE	SP 11Y							
					SP 11G							
					GRND. BUS							

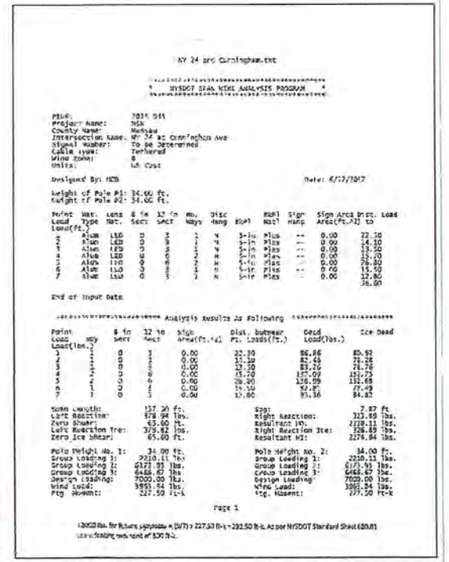
1-2 1-4 1-5 1-6 1-8 1-10
2-3 2-5 2-8 2-9
3-6 3-8 3-9
4-5 4-10 5-6 5-10 6-8 6-9 8-9
9=SPK 3-222 1-242
Yellow omit 9,10

SIGNAL OPERATION SPECIFICATIONS
TABLE OF INPUT WIRING

SIGNAL NO. TO BE DETERMINED — COUNTY: NASSAU

FUNCTION	DETECTOR NUMBER	TYPE	TERMINAL BOARD WIRING
#1	DET 11	PRESENCE LOOP	1A , 1B
#1	DET 12	PRESENCE LOOP	2A , 2B
Ø1	DET 13	PRESENCE LOOP	3A , 3B
Ø1	DET 14	PRESENCE LOOP	4A , 4B
#3	DET 35	PRESENCE LOOP	5A , 5B
#5	DET 56	PRESENCE LOOP	6A , 6B
			7A , 7B
			8A , 8B
			9A , 9B
			10A , 10B
			11A , 11B
			12A , 12B
			13A , 13B
			14A , 14B
#2	201, 202	PEDESTRIAN BUTTON	15A , 15B
#3	301, 302	PEDESTRIAN BUTTON	16A , 16B
			17A , 17B
			18A , 18B
			19A , 19B
			20A , 20B
			21A , 21B
			22A , 22B
			23A , 23B
			24A , 24B
			25A , 25B
			26A , 26B
			27A , 27B
			28A , 28B





THESE TRAFFIC SIGNAL PLANS ARE BASED ON A SURVEY PREPARED BY JOHN MINTO, LS, PC., DATED OCTOBER 28, 2014, SITE PLANS PREPARED BY RMS ENGINEERING (ALL SHEETS), DATED JUNE 30, 2015, FIELD MEASUREMENTS PERFORMED BY RMS ENGINEERING AND INFORMATION PROVIDED BY NYSDOT.

No.	DATE	REVISION DESCRIPTION	BY	CH'D
7.	06-16-17	REVISED AS PER NYSDOT COMMENTS	JAL	-
6.	04-26-17	REVISED AS PER NYSDOT COMMENTS	MCB	JAL
5.	03-16-17	NO REVISIONS MADE TO THIS SHEET	MCB	-
4.	02-03-17	ISSUE NO. 12	-	CWR
3.	01-20-17	REVISED AS PER NYSDOT COMMENTS	MCB	JAL
2.	12-07-16	REVISED TO INDICATE ONLY MSK WORK	-	CWR
1.	07-18-16	REVISED AS PER NYSDOT COMMENTS	MCB	JAL

RMS ENGINEERING
Robinson, Muller & Schiavone Engineers, PC
355 New York Avenue, Huntington, New York 11743
Phone 631-271-0576 Fax 631-271-0592 www.rmsengineering.com

MEMORIAL SLOAN KETTERING
LOCATED AT
NASSAU EVENTS CENTER
SITUATED IN
UNIONDALE
TOWN OF HEMPSTEAD, NASSAU COUNTY, NEW YORK
NCTM: SECTION 44, BLOCK F, LOTS 351 & 403

TRAFFIC SIGNAL WIRING PLAN

TRAFFIC SIGNAL No. TO BE DETERMINED
HEMPSTEAD TPKE. AND WEST DR./CUNNINGHAM AVE.

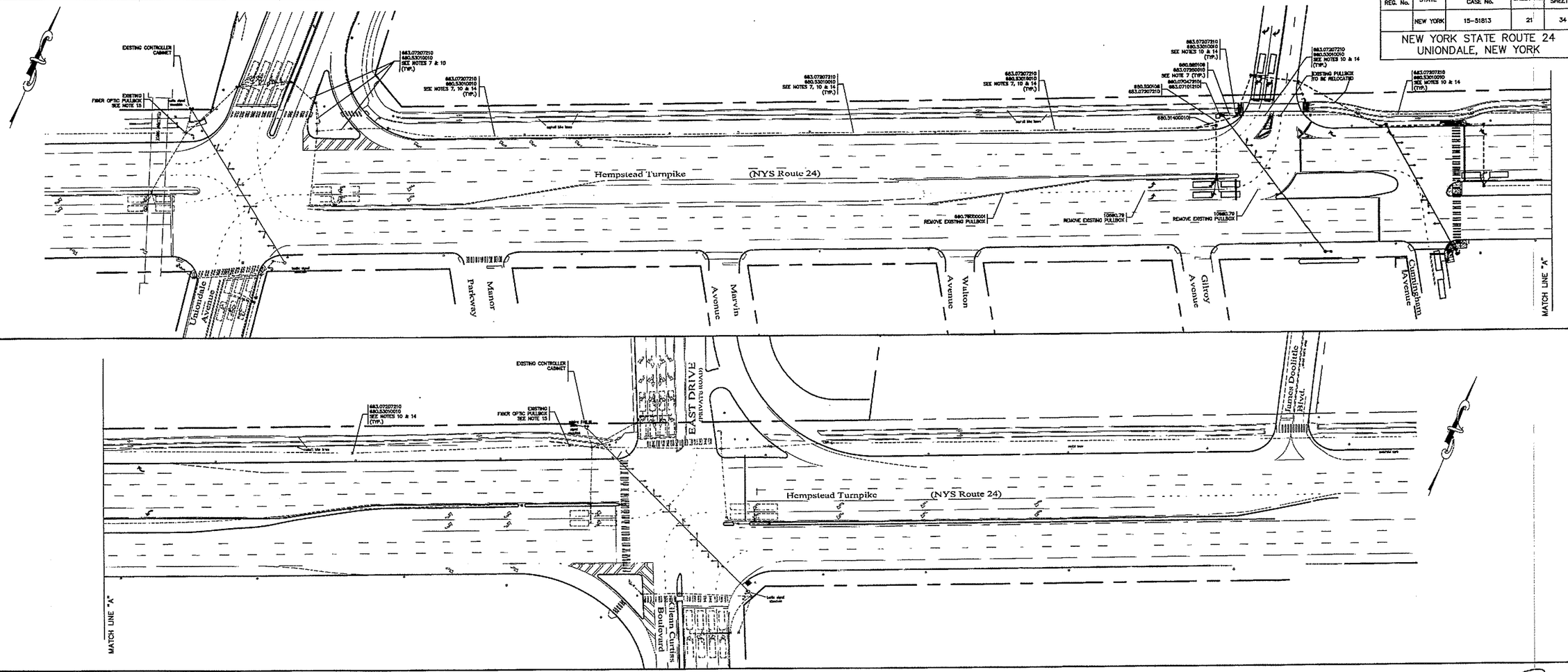
DWN. BY:	CHK'D. BY:	SCALE:	SHEET:
DJG	CWR/WAM	1"=20'	SRP-17
DATE: 10-26-15	DATE: 10-30-15	JOB No.: 2015-045	

NYSDOT CASE NO. 15-51813

MSK OFF-SITE

FED. RD REG. No.	STATE	N.Y.S.D.O.T. CASE No.	SHEET No.	TOTAL SHEETS
	NEW YORK	15-51813	21	34

NEW YORK STATE ROUTE 24
UNIONDALE, NEW YORK



ITEM LISTINGS		
ITEM No.	DESCRIPTION	UNIT
680.51050010	PULLBOX, RECT. REINFORCED CONCRETE (26" X 18")	EACH
680.51400010	FURNISH AND INSTALL CONCRETE FIBER OPTIC PULLBOX	EACH
680.520108	CONDUIT 3" STEEL – ZINC COATED	LF
680.53010010	CLEAN EXISTING CONDUIT	LS
680.51100010	CLEAN EXISTING PULLBOX	LS
619.1611	MAINTAIN TRAFFIC SIGNAL EQUIPMENT	LS
680.79000001	REMOVE TRAFFIC SIGNAL EQUIPMENT	LS
680.52990011	DIRECTIONAL DRILL	LF
683.07207210	SINGLE MODE FIBER OPTIC TRUNK CABLE, 72 FIBERS	LS
683.07250010	FIBER OPTIC DROP CABLE	LF
683.07101210	FIBER OPTIC CABLE PATCH PANEL – 12 PORT	EACH

THESE TRAFFIC SIGNAL INTERCONNECT PLANS ARE BASED ON A SURVEY PREPARED BY JOHN MINTO, LS, PC., DATED OCTOBER 28, 2014. SITE PLANS PREPARED BY RMS ENGINEERING (ALL SHEETS), DATED JUNE 30, 2015. FIELD MEASUREMENTS PERFORMED BY RMS ENGINEERING AND INFORMATION PROVIDED BY NYSDOT.

TRAFFIC SIGNAL INTERCONNECT NOTES:

1. ALL WORK/MATERIALS SHALL CONFORM TO THE LATEST NEW YORK STATE DEPARTMENT OF TRANSPORTATION (NYSDOT) TRAFFIC SIGNAL SPECIFICATIONS AND STANDARDS.
2. PRIOR TO BEGINNING ANY WORK ON THE TRAFFIC SIGNAL, THE CONTRACTOR SHALL NOTIFY THE NYSDOT TRAFFIC SIGNAL SECTION TO PERFORM AN INSPECTION OF THE EXISTING TRAFFIC SIGNAL EQUIPMENT. AFTER THE INSPECTION THE CONTRACTOR MUST THAN SUBMIT A WRITTEN NOTIFICATION WITH THE DATE THEY WILL ASSUME TRAFFIC SIGNAL MAINTENANCE. NO WORK SHALL BE PERFORMED UNTIL TRAFFIC SIGNAL MAINTENANCE IS ASSUMED (NYSDOT ITEM 619.1611).
3. ALL TRAFFIC SIGNALS SHALL BE MAINTAINED IN A RESPONSIVE OPERATION AND ALL INTERCONNECT, WHERE EXISTING SHALL BE MAINTAINED. THE CONTRACTOR SHALL PAY A LIQUIDATED DAMAGES CHARGE OF $500 PER CALENDAR DAY IF ACTUATION AND COORDINATION ARE NOT MAINTAINED.
4. ALL VEHICLE DETECTION AND SIGNAL COORDINATION MUST BE MAINTAINED AT ALL TIMES. SPLICING OF INDUCTANCE LOOP WIRE, SHIELDED LEAD IN AND INTERCONNECT CABLE SHALL BE ALLOWED FOR TEMPORARY REPAIRS DURING CONSTRUCTION ONLY.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE SIGNAL UNTIL FINAL ACCEPTANCE BY THE NYSDOT (NYSDOT ITEM 619.1611).
6. THE CONTRACTOR SHALL SUBMIT A WRITTEN WORK PLAN AND SCHEDULE, TO NYSDOT, TO OUTLINE THE CONSTRUCTION SEQUENCE WHICH WILL BE FOLLOWED TO MINIMIZE THE DISRUPTION TO THE TRAFFIC OPERATIONS AT THIS INTERSECTIONS. THE WORK PLAN AND WORK SEQUENCE SCHEDULE MUST BE "APPROVED IN WRITING" PRIOR TO DISCONNECTING ANY SIGNAL CABLES AT THE INTERSECTIONS.
7. THE PROPOSED FIBER CABLE SHALL BE INSTALLED FROM THE EXISTING FIBER OPTIC PULLBOX LOCATED ON TH NORTHWEST CORNER OF NY24 AND UNIONDALE AVENUE TO THE EXISTING FIBER OPTIC PULLBOX LOCATED ON THE NORTHWEST CORNER OF NY24 AND GLENN CURTIS BOULEVARD. SUFFICIENT SLACK SHALL BE PROVIDED IN THOSE PULLBOXES TO SPLICE THIS CABLE TO THE EXISTING 72 FIBER CABLE AS WELL AS IN THE PROPOSED FIBER OPTIC PULLBOX AT NY24 AND CUNNINGHAM AVENUE TO PERFORM THE SPLICE TO THE PROPOSED 12 FIBER DROP CABLE.
8. THE CONTRACTOR SHALL MODIFY ANY AND ALL EXISTING TRAFFIC SIGNAL EQUIPMENT TO REMAIN, TO ACCOMMODATE THE PROPOSED TRAFFIC SIGNAL EQUIPMENT AS NECESSARY.
9. ANY AND ALL CABLES DAMAGED BY THE CONTRACTOR DURING THEIR REMOVAL, INSTALLATION AND/OR REINSTALLATION SHALL BE REPLACED BY THE CONTRACTOR AT THEIR OWN COST.
10. THE CONTRACTOR SHALL CLEAN ALL EXISTING CONDUIT AND PULLBOXES AS ORDERED BY NYSDOT (ITEMS 680.53010010 AND 680.51100010).
11. THE CONTRACTOR SHALL REMOVE AND REPLACE ANY DAMAGED CURB AND SIDEWALK THAT OCCURS DURING THE INSTALLATION OF THE PROPOSED TRAFFIC SIGNAL EQUIPMENT.
12. THE CONTRACTOR SHALL SUPPLY COPIES OF ALL HARDWARE MANUFACTURES WARRANTEES, NECESSARY SOFTWARE LICENSES, ETC. THE CONTRACTOR SHALL GUARANTEE HIS WORK FOR A PERIOD OF NOT LESS THAN ONE YEAR.
13. ANY BREAK IN THE EXISTING CONDUIT WILL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE STATE.
14. THE THE CONTRACTOR SHALL REMOVE EXISTING INTERCONNECT CABLE FROM THE EXISTING PULLBOX (LABELED "A") LOCATED EAST OF THE HEMPSTEAD TURNPIKE/GLENN CURTISS BLVD INTERSECTION TO THE EXISTING CONTROLLER CABINET AT THE HEMPSTEAD TURNPIKE/EARLE OWINGTON BOULEVARD INTERSECTION AND REINSTALL NEW 72 FIBER OPTIC TRUNK CABLE BETWEEN THESE TWO LOCATIONS.
15. THE CONTRACTOR SHALL OPEN THE EXISTING FIBER OPTIC SPLICE ENCLOSURE AND SPLICE THE PROPOSED 72 FIBER CABLE TO THE EXISTING 72 FIBER AND 12 FIBER DROP CABLES AS PER THE APPROVED FIBER OPTIC SCHEMATIC. PRIOR TO PERFORMING ANY SPLICING, THE CONTRACTOR SHALL NOTIFY THE INFORM CONTROL CENTER OF THE PROPOSED WORK AT LEAST 48 HOURS IN ADVANCE.
16. IT SHOULD BE NOTED THAT ONCE THE EXISTING 72 FIBER CABLE BETWEEN UNIONDALE AVENUE AND GLENN CURTIS BOULEVARD IS REMOVED AND/OR IMPACTED BY CONSTRUCTION AT CUNNINGHAM AVENUE, COMMUNICATION TO DOZENS OF NEW YORK STATE SIGNALS AND SEVERAL CCTV CAMERAS WILL LIKELY BE TAKEN OF LINE FROM THE INFORM CONTROL CENTER. THE CONTRACTOR SHALL INSURE THAT ALL PROVISIONS POSSIBLE ARE TAKEN TO GET THE PROPOSED 72 FIBER CABLE INSTALLED AND SPLICED AS EXPEDITIOUSLY AS POSSIBLE TO MINIMIZE THIS DOWNTIME TO THE FULLEST EXTENT.

No.	DATE	REVISION DESCRIPTION	BY	CHK'D
7.	06-16-17	REVISED AS PER NYSDOT COMMENTS	JAL	-
6.	04-26-17	REVISED AS PER NYSDOT COMMENTS	MCB	JAL
5.	03-16-17	REVISED AS PER NYSDOT COMMENTS	MCB	JAL
4.	02-03-17	ISSUE NO. 12	-	CWR
3.	01-20-17	REVISED AS PER NYSDOT COMMENTS	MCB	JAL
2.	12-07-16	REVISED TO INDICATE ONLY MSK WORK	-	CWR
1.	07-18-16	REVISED AS PER NYSDOT COMMENTS	MCB	JAL

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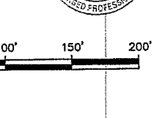

50' 0' 50' 100' 150' 200'

SCALE: 1" = 50'

CAUTION – NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATIONS OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

NYSDOT CASE NO. 15-51813

MEMORIAL SLOAN KETTERING
LOCATED AT
NASSAU EVENTS CENTER
SITUATED IN
UNIONDALE
TOWN OF HEMPSTEAD, NASSAU COUNTY, NEW YORK
NCTM: SECTION 44, BLOCK F, LOTS 351 & 403

TRAFFIC SIGNAL INTERCONNECT PLAN
HEMPSTEAD TURNPIKE
NYS ROUTE 24

DWN. BY:	CHK'D. BY:	SCALE:	SHEET:
DJG	CWR/WAM	1" = 50'	SRP-21
DATE: 10-26-15	DATE: 10-30-15	JOB No.: 2015-045	

MSK OFF-SITE

Jacobs Norse, PA2015 Projects\2015-045\CWR\Sheets\Interconnect Plans\Interconnect Plan_7 (06-16-17)\045-INT24 Traffic Signal Plan Rev. 7 (06-16-17).dwg Last Modified: Jun 16, 2017 – 1:50pm Plotted on: Jun 16, 2017 – 1:50pm by jjacocyk

Phase Times [1.1.1]

	1	2	3	4	5	6	7	8
Min Green	5	10	7	7	5	10		
Gap, Ext	2	1	4	4	2	1		
Max 1	25	50	25	35	25	50		
Max 2								
Yel Clearance	4	5	5	5	4	5		
Red Clearance	3	2	3	3	3	2		
Walk		7		7		7		
Ped Clearance		30		36		30		
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								

Options [1.1.2]	1	2	3	4	5	6	7	8
Enable	ON	ON	ON	ON	ON	ON		
Min Recall								
Max Recall		ON				ON		
Ped Recall								
Soft Recall								
Lock Calls	ON		ON	ON	ON			
Auto Flash Entry								
Auto Flash Exit								
Dual Entry		ON				ON		
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								

Options+ [1.1.3]	1	2	3	4	5	6	7	8
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay		5		5		5		

3048 Rt 24 @ Uniondale Ave Sig# 102.43

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	120	0	1	1	13	0	0	13	1	25	0	0	0	1	37	0	0	0	1
2	140	0	2	1	14	0	0	14	1	26	0	0	0	1	38	0	0	0	1
3	160	0	3	1	15	0	0	15	1	27	0	0	0	1	39	0	0	0	1
4	90	0	4	1	16	0	0	16	1	28	0	0	0	1	40	0	0	0	1
5	0	0	5	1	17	0	0	17	1	29	0	0	0	1	41	0	0	0	1
6	0	0	6	1	18	0	0	18	1	30	0	0	0	1	42	0	0	0	1
7	0	0	7	1	19	0	0	19	1	31	0	0	0	1	43	0	0	0	1
8	200	0	8	1	20	0	0	20	1	32	0	0	0	1	44	0	0	0	1
9	140	71	9	1	21	0	0	21	1	33	0	0	0	1	45	0	0	0	1
10	140	69	10	1	22	0	0	22	1	34	0	0	0	1	46	0	0	0	1
11	0	0	11	1	23	0	0	23	1	35	0	0	0	1	47	0	0	0	1
12	0	0	12	1	24	0	0	24	1	36	0	0	0	1	48	0	0	0	1
Split		1	2	3	4	5	6	7	8	Split		1	2	3	4	5	6	7	8
1	Coor	22	39	26	33	22	39	26	33	13	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
2	Coor	27	46	28	39	27	46	28	39	14	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
3	Coor	32	56	31	41	32	56	31	41	15	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
4	Coor	18	28	22	22	18	28	22	22	16	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
5	Coor	0	0	0	0	0	0	0	0	17	Coor	0	0	0	0	0	0	0	0
	2	NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
6	Coor	0	0	0	0	0	0	0	0	18	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
7	Coor	0	0	0	0	0	0	0	0	19	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
8	Coor	27	106	28	39	27	106	28	39	20	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
9	Coor	27	46	28	39	27	46	28	39	21	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
10	Coor	27	46	28	39	27	46	28	39	22	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
11	Coor	0	0	0	0	0	0	0	0	23	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
12	Coor	0	0	0	0	0	0	0	0	24	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON

Page#	
1	8 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
1A&1B	16 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
2	Overlaps; Channel Settings; Coord Alt Table+ (values not associated with time-of-day)
3	Detection; Sample Time and Unit Parameters related to detection
4	Preemption and Alternate Phase Time and Phase Options
5	Annual Schedule
6	Day Plans; Action Tables; Coord Alt Table+ (values varied by time-of-day)
7	Communications; Secutiry; I/O Setup
8	Misc - Events/Alarms; Call/Inhibit/Redirect; P/OLAP Auto Flash; CIC; Misc Unit Param

3048

Loc 5

Ring/Startup [1.1.4]

Phs	Ring	Start	Enable
1	1	Red	ON
2	1	Green	ON
3	1	Red	ON
4	1	Red	ON
5	2	Red	ON
6	2	Green	ON
7	2	Red	OFF
8	2	Red	OFF

Coord Modes [2.1]

Test OpMode	0
Correction	SHRT/LNG
Maximum	MAX 1
Force-Off	FIXED
Closed Loop	ON
Stop-in-Walk	ON
Auto Reset	ON
Expand Splt	OFF
Ped Recycle	NO_RECYCLE
Before	TIMED
After	TIMED

Auto Flash [1.4.1]

Auto Flash	PH OVER
Flash Yel	45
Flash Red	20

Unit Params [1.2.1]

Phase Mode	STD8
IO Mode	User
Loc Flsh Start	Red
Start Flash(s)	0
Start AllRed(s)	6
Yellow < 3"	OFF
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	1
Auxswitch	STOPTM
SDLC Retry	0
TS2 Det Faults	ON
Auto Ped Clear	OFF
SDLC Retry	0

03/27/23 **Page 1**

Times [1.1.1]	1	2	3	4	5	6	7	8
Min Green	5	10	7	7	5	10		
Gap, Ext	2	1	4	4	2	1		
Max 1	25	50	25	35	25	50		
Max 2								
Yel Clearance	4	5	5	5	4	5		
Red Clearance	3	2	3	3	3	2		
Walk		7		7		7		
Ped Clearance		30		36		30		
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								
Options [1.1.2]	1	2	3	4	5	6	7	8
Enable	ON	ON	ON	ON	ON	ON		
Min Recall								
Max Recall		ON				ON		
Ped Recall								
Soft Recall								
Lock Calls	ON		ON	ON	ON			
Auto Flash Entry								
Auto Flash Exit								
Dual Entry		ON				ON		
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								
Options+ [1.1.3]	1	2	3	4	5	6	7	8
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay	0	5	0	5	0	5	0	0

3048 Rt 24 @ Uniondale Ave Sig# 102.43

Coord Patterns [2.4] and Split Tables [2.7.1]

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	120	0	1	1	13	0	0	13	1	25	0	0	0	1	37	0	0	0	1
2	140	0	2	1	14	0	0	14	1	26	0	0	0	1	38	0	0	0	1
3	160	0	3	1	15	0	0	15	1	27	0	0	0	1	39	0	0	0	1
4	90	0	4	1	16	0	0	16	1	28	0	0	0	1	40	0	0	0	1
5	0	0	5	1	17	0	0	17	1	29	0	0	0	1	41	0	0	0	1
6	0	0	6	1	18	0	0	18	1	30	0	0	0	1	42	0	0	0	1
7	0	0	7	1	19	0	0	19	1	31	0	0	0	1	43	0	0	0	1
8	200	0	8	1	20	0	0	20	1	32	0	0	0	1	44	0	0	0	1
9	140	71	9	1	21	0	0	21	1	33	0	0	0	1	45	0	0	0	1
10	140	69	10	1	22	0	0	22	1	34	0	0	0	1	46	0	0	0	1
11	0	0	11	1	23	0	0	23	1	35	0	0	0	1	47	0	0	0	1
12	0	0	12	1	24	0	0	24	1	36	0	0	0	1	48	0	0	0	1

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Coor	22	39	26	33	22	39	26	33	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NVD	NVD	NVD	NVD	NVD	NVD	NVD	NVD
2	Coor	27	46	28	39	27	46	28	39	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NVD	NVD	NVD	NVD	NVD	NVD	NVD	NVD
3	Coor	32	56	31	41	32	56	31	41	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NVD	NVD	NVD	NVD	NVD	NVD	NVD	NVD
4	Coor	18	28	22	22	18	28	22	22	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
5	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
6	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
7	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
8	Coor	27	106	28	39	27	106	28	39	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
9	Coor	27	46	28	39	27	46	28	39	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
10	Coor	27	46	28	39	27	46	28	39	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
11	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
12	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
13	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
14	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
15	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
16	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

User Phase Mode

Phase>8 or Rings > 2

Coord Modes [2.1]	
Test OpMode	0
Correction	SHRT/LNG
Maximum	MAX 1
Force-Off	FIXED
Closed Loop	ON
Stop-in-Walk	ON
Auto Reset	ON
Expand Splt	OFF
Ped Recycle	NO_RECYCLE
Before	TIMED
After	TIMED
Auto Flash [1.4.1]	
Auto Flash	PH OVER
Flash Yel	45
Flash Red	20
Unit Params [1.2.1]	
Phase Mode	STD8
IO Mode	User
Loc Flsh Start	Red
Start Flash(s)	0
Start AllRed(s)	6
Yellow < 3"	OFF
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	1
Auxswitch	STOPTM
SDLC RetryTm	0
TS2 Det Faults	ON
Auto Ped Clear	OFF

<- Mode NON is Blank

03/27/23 **Page 1A**

Times [1.1.1]	9	10	11	12	13	14	15	16
Min Green								
Gap, Ext								
Max 1								
Max 2								
Yel Clearance	3	4	3	4	3	4	3	4
Red Clearance	2	2	2	2	2	2	2	2
Walk								
Ped Clearance								
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								

Options [1.1.2]	9	10	11	12	13	14	15	16
Enable								
Min Recall								
Max Recall								
Ped Recall								
Soft Recall								
Lock Calls								
Auto Flash Entry								
Auto Flash Exit								
Dual Entry								
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								

Options+ [1.1.3]	9	10	11	12	13	14	15	16
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay								

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1] — Ring/Startup [1.1.4]

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Phs	Ring	Start
17	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	2	1	Green
18	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	4	1	Red
19	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	6	2	Green
20	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	2	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	8	2	Red
21	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	10		Red
22	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	12		Red
23	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	14		Red
24	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	16		Red

Concurrency [1.1.4]

Phs	Concurrent Phases										Phs	Concurrent Phases								
1	5	6	0	0	0	0	0	0			9	0	0	0	0	0	0	0	0	
2	5	6	0	0	0	0	0	0			10	0	0	0	0	0	0	0	0	
3	7	8	0	0	0	0	0	0			11	0	0	0	0	0	0	0	0	
4	7	8	0	0	0	0	0	0			12	0	0	0	0	0	0	0	0	
5	1	2	0	0	0	0	0	0			13	0	0	0	0	0	0	0	0	
6	1	2	0	0	0	0	0	0			14	0	0	0	0	0	0	0	0	
7	3	4	0	0	0	0	0	0			15	0	0	0	0	0	0	0	0	
8	3	4	0	0	0	0	0	0			16	0	0	0	0	0	0	0	0	

Note: Expanded Splits are not used because "Expanded Splits" is OFF

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	0	0	1	1	25	0	0	0	1
2	0	0	2	1	26	0	0	0	1
3	0	0	3	1	27	0	0	0	1
4	0	0	4	1	28	0	0	0	1
5	0	0	5	1	29	0	0	0	1
6	0	0	6	1	30	0	0	0	1
7	0	0	7	1	31	0	0	0	1
8	0	0	8	1	32	0	0	0	1
9	0	0	9	1	33	0	0	0	1
10	0	0	10	1	34	0	0	0	1
11	0	0	11	1	35	0	0	0	1
12	0	0	12	1	36	0	0	0	1
13	0	0	13	1	37	0	0	0	1
14	0	0	14	1	38	0	0	0	1
15	0	0	15	1	39	0	0	0	1
16	0	0	16	1	40	0	0	0	1
17	0	0	17	1	41	0	0	0	1
18	0	0	18	1	42	0	0	0	1
19	0	0	19	1	43	0	0	0	1
20	0	0	20	1	44	0	0	0	1
21	0	0	21	1	45	0	0	0	1
22	0	0	22	1	46	0	0	0	1
23	0	0	23	1	47	0	0	0	1
24	0	0	24	1	48	0	0	0	1

Expanded Splits	**OFF**

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

24	Coord	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON
		0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
2	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
3	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
4	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
5	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
6	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
7	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
8	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
9	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
10	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
11	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
12	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
13	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
14	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
15	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
16	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
17	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
18	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
19	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
20	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
21	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
22	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
23	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

3048 **Rt 24 @ Uniondale Ave Sig# 102.4** 3/27/2023

Overlap 1-16 Program Parms & Parm+ [1.5.2.1] [1.5.2.2]

Overlap Conflict Lock	OFF	Overlap Lock Inhibit	OFF	Parent Ph Clearance	OFF	Extra Included Ph	ON

	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
1	Modifier Ø								Grn		9	Modifier Ø								Grn	
	Conflict Ø								Yel	3		Conflict Ø								Yel	3.5
A	Conflict Olap								Red	2	I	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
2	Modifier Ø								Grn		10	Modifier Ø								Grn	
	Conflict Ø								Yel	3		Conflict Ø								Yel	3.5
B	Conflict Olap								Red	2	J	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
3	Modifier Ø								Grn		11	Modifier Ø								Grn	
	Conflict Ø								Yel	3		Conflict Ø								Yel	3.5
C	Conflict Olap								Red	2	K	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
4	Modifier Ø								Grn		12	Modifier Ø								Grn	
	Conflict Ø								Yel	3		Conflict Ø								Yel	3.5
D	Conflict Olap								Red	2	L	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
5	Modifier Ø								Grn		13	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
E	Conflict Olap								Red	1.5	M	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
6	Modifier Ø								Grn		14	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
F	Conflict Olap								Red	1.5	N	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
7	Modifier Ø								Grn		15	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
G	Conflict Olap								Red	1.5	O	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
8	Modifier Ø								Grn		16	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
H	Conflict Olap								Red	1.5	P	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	

Channel Settings [1.8.1]

.....Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Phase / Olap #	1	6	2		3	4		2		5	6	4												
Channel Type	VEH	VEH	VEH	VEH	VEH	VEH	VEH	PED	VEH	VEH	PED	PED	VEH	VEH	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Channel Flash	Red	YEL	YEL	Red	Red	Red	Red	DRK	Red	Red	DRK	DRK	Red	Red	DRK	DRK	DRK	DRK	DRK	DRK	DRK	DRK	DRK	DRK
Alt Hz																								

Channel+ Settings [1.8.4]

.....Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Flash Red+																								
Flash Yellow+																								
Flash Green+																								
Flash Inh Red+																								
Olap Ovrd																								

Coord Transition, CoorPhs [2.5]

Pat#	Short	Long	Dwell	No Shortway Ø				E-Yld	Offset	RetHld	Float	Min Veh Perm	Min Ped Perm
1	12	22							EndGRN				
2	12	22							EndGRN				
3	12	22							EndGRN				
4	12	22							EndGRN				
5	12	22							EndGRN				
6	12	22							EndGRN				
7	12	22							EndGRN				
8	12	22							EndGRN				
9	12	22							EndGRN				
10	12	22							EndGRN				
11	12	22							EndGRN				
12	12	22							EndGRN				
13	12	22							EndGRN				
14	12	22							EndGRN				
15	12	22							EndGRN				
16	12	22							EndGRN				
17	12	22							EndGRN				
18	12	22							EndGRN				
19	12	22							EndGRN				
20	12	22							EndGRN				
21	12	22							EndGRN				
22	12	22							EndGRN				
23	12	22							EndGRN				
24	12	22							EndGRN				
25									BegGRN				
26									BegGRN				
27									BegGRN				
28									BegGRN				
29									BegGRN				
30									BegGRN				
31									BegGRN				
32									BegGRN				
33									BegGRN				
34									BegGRN				
35									BegGRN				
36									BegGRN				
37									BegGRN				
38									BegGRN				
39									BegGRN				
40									BegGRN				
41									BegGRN				
42									BegGRN				
43									BegGRN				
44									BegGRN				
45									BegGRN				
46									BegGRN				
47									BegGRN				
48									BegGRN				

Channel Params[1.8.3]

C1 IO Mode	User	Single BIU Map	SINGLE	Invert Rail Input	OFF

Veh Par 1-64 [5.1]

Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time
1	1						45	50	255
2	1						45	50	255
3	3						45	50	255
4	3						45	50	255
5	3						45	50	255
6	4						45	50	255
7	4						45	50	255
8	4						45	50	255
9	4						45	50	255
10	5						45	50	255
11	5						45	50	255
12							45	50	255
13							45	50	255
14							45	50	255
15							45	50	255
16							45	50	255
17							45	50	255
18							45	50	255
19							45	50	255
20							45	50	255
21							45	50	255
22							45	50	255
23							45	50	255
24							45	50	255
25							45	50	255
26							45	50	255
27							45	50	255
28							45	50	255
29							45	50	
30							45	50	
31							45	50	
32							45	50	

Veh Par 1-64 [5.1]

Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time
33							45	50	
34							45	50	
35							45	50	
36							45	50	
37							45	50	
38							45	50	
39							45	50	
40							45	50	
41							45	50	
42							45	50	
43							45	50	
44							45	50	
45							45	50	
46							45	50	
47							45	50	
48							45	50	
49							45	50	
50							45	50	
51							45	50	
52							45	50	
53							45	50	
54							45	50	
55							45	50	
56							45	50	
57							45	50	
58							45	50	
59							45	50	
60							45	50	
61							45	50	
62							45	50	
63							45	50	
64							45	50	

Vehicle Options 1-64 [5.2]

Det #	Call	Ext	Que	Add Init	Red Lock	Yell Lock	occ	vol
1	ON	ON		ON				
2	ON	ON		ON				
3	ON	ON		ON				
4	ON	ON		ON				
5	ON	ON		ON				
6	ON	ON		ON				
7	ON	ON		ON				
8	ON	ON		ON				
9	ON	ON		ON				
10	ON	ON		ON				
11	ON	ON		ON				
12	ON	ON		ON				
13	ON	ON		ON				
14	ON	ON		ON				
15	ON	ON		ON				
16	ON	ON		ON				
17	ON	ON		ON				
18	ON	ON		ON				
19	ON	ON		ON				
20	ON	ON		ON				
21	ON	ON		ON				
22	ON	ON		ON				
23	ON	ON		ON				
24	ON	ON		ON				
25	ON	ON		ON				
26	ON	ON		ON				
27	ON	ON		ON				
28	ON	ON		ON				
29	ON	ON		ON				
30	ON	ON		ON				
31	ON	ON		ON				
32	ON	ON		ON				

Vehicle Options 1-64 [5.2]

Det #	Call	Ext	Que	Add AddInit	Red Lock	Yell Lock	occ	vol
33	ON	ON		ON				
34	ON	ON		ON				
35	ON	ON		ON				
36	ON	ON		ON				
37	ON	ON		ON				
38	ON	ON		ON				
39	ON	ON		ON				
40	ON	ON		ON				
41	ON	ON		ON				
42	ON	ON		ON				
43	ON	ON		ON				
44	ON	ON		ON				
45	ON	ON		ON				
46	ON	ON		ON				
47	ON	ON		ON				
48	ON	ON		ON				
49	ON	ON		ON				
50	ON	ON		ON				
51	ON	ON		ON				
52	ON	ON		ON				
53	ON	ON		ON				
54	ON	ON		ON				
55	ON	ON		ON				
56	ON	ON		ON				
57	ON	ON		ON				
58	ON	ON		ON				
59	ON	ON		ON				
60	ON	ON		ON				
61	ON	ON		ON				
62	ON	ON		ON				
63	ON	ON		ON				
64	ON	ON		ON				

Parameters+ 1-64 [5.3]

Det #	oc G	oc Y	oc R	Dlay 1	Dlay 2	Type	Src
1						NORM	
2						NORM	
3						NORM	
4						NORM	
5						NORM	
6						NORM	
7						NORM	
8						NORM	
9						NORM	
10						NORM	
11						NORM	
12						NORM	
13						NORM	
14						NORM	
15						NORM	
16						NORM	
17						NORM	
18						NORM	
19						NORM	
20						NORM	
21						NORM	
22						NORM	
23						NORM	
24						NORM	
25						NORM	
26						NORM	
27						NORM	
28						NORM	
29						NORM	
30						NORM	
31						NORM	
32						NORM	

Parameters+ 1-64 [5.3]

Det #	occ Grn	occ Yell	occ Red	Dlay 1	Dlay 2	Type	Src
33						NORM	
34						NORM	
35						NORM	
36						NORM	
37						NORM	
38						NORM	
39						NORM	
40						NORM	
41						NORM	
42						NORM	
43						NORM	
44						NORM	
45						NORM	
46						NORM	
47						NORM	
48						NORM	
49						NORM	
50						NORM	
51						NORM	
52						NORM	
53						NORM	
54						NORM	
55						NORM	
56						NORM	
57						NORM	
58						NORM	
59						NORM	
60						NORM	
61						NORM	
62						NORM	
63						NORM	
64						NORM	

Ped Det Parms [5.4]

Det #	Call Ø	No Act	Max Pres	Err Cnt
1	6		15	
2	2		15	
3	4		15	
4			15	
5			15	
6			15	
7			15	
8			15	

Unit Paramters [1.2.1]

TS2 Det Faults	ON
Vol/Occ Report Parm [1.5.8]	
Vol/Occ Period Minutes	0
Vol/Occ Period Minutes	15

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Preemption Times [3.1], Options+ [3.6]

Pre #	Enable	Type	Output	Delay	MinDura
1	ON	RAIL	Dwell		15
2	ON	RAIL	Dwell		15
3	ON	EMERG	Dwell		5
4	ON	EMERG	Dwell		5
5	ON	EMERG	Dwell		5
6	ON	EMERG	Dwell		5
Pre #	MaxPres	MinGrn	MinWlk	PedClr	Co+Pre
1	180	3			ON
2	180	3			ON
3	180	3		36	ON
4	180	3		36	ON
5	180	3		36	ON
6	180	3		36	ON
Pre #	Track Grn	Min Dwell	Ext Dwell	PedClr+	Yel
1		2			
2		2			
3		2			
4		2			
5		2			
6		2			

Pre #	Red	Pattern	Skip
1			OFF
2			OFF
3			OFF
4			OFF
5			OFF
6			OFF

Low Priority Preempts

Pre #	Type	Min	Max
7	OFF		
8	OFF		
9	OFF		
10	OFF		

Unit Parameters [1.2.1]

Stop Timer Over Preempt	OFF
Preempt or Ext Output	PRE
Max Seek Track Time	
Max Seek Dwell Time	

Channel Parameters [1.8.3]

D Conn Mappings	None
Pre Invert Rail Input	OFF

Track Clear Phases [3.2], Track Clear Overlaps+ [3.5]

Pre #	Track Phases				Track Overlaps											
1																
2																
3																
4																
5																
6																

Dwell Phases [3.2] and Overlaps+ [3.5]

Pre #													
1	Phases												
	Overlap												
	Peds												
2	Phases												
	Overlap												
	Peds												
3	Phases	1	6										
	Overlap												
	Peds												
4	Phases	2	5										
	Overlap												
	Peds												
5	Phases	3											
	Overlap												
	Peds												
6	Phases	4											
	Overlap												
	Peds												

Exit Phases [3.2]

Pre #	Exit Phase			
1				
2				
3				
4				
5				
6				

Preemption Options+ [3.6]

Pre #	Lock	Override Auto Flsh	Override Higher	Flsh Dwell	Link
1	ON	ON	ON	OFF	
2	ON	ON	ON	OFF	
3	ON	ON	ON	OFF	
4	ON	ON	ON	OFF	
5	ON	ON	ON	OFF	
6	ON	ON	ON	OFF	

Alt# 1 Times Table [1.1.6.1.2]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 2 Times Table [1.1.6.1.2]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 3 Times Table [1.1.6.1.3]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 1 Options Table [1.1.6.2.1]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 1 Veh Parameters [5.5.1.1]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Swiitch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 1 Veh Options [5.5.1.2]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 1 Veh Parameters+ [5.5.1.3]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 1 Ped Parameters+ [5.5.1.4]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Alt# 2 Options Table [1.1.6.2.2]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 3 Options Table [1.1.6.2.3]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 4 Options Table [1.1.6.2.4]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 2 Veh Parameters [5.5.2.1]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Swiitch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 2 Veh Options [5.5.2.2]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 2 Veh Parameters+ [5.5.2.3]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 2 Ped Parameters+ [5.5.2.4]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Annual Schedule [4.3]	Month of Year												Day of Week							Date																							Day Plan	Link To
1	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	1	
2	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
3	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
4	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
5	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
6	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
7	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
8	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
9	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
10	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
11	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
12	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
13	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
14	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
15	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
16	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
17	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
18	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
19	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
20	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
21	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
22	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
23	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
24	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	

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Day Plans [4.4]

Day Plan 1

	Hour	Min	Act		Hour	Min	Act
1	0	0	4	9	0	0	0
2	1	0	4	10	0	0	0
3	6	0	3	11	0	0	0
4	9	30	2	12	0	0	0
5	15	30	3	13	0	0	0
6	19	0	2	14	0	0	0
7	21	0	4	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 2

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 3

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 4

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 5

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 6

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 7

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 8

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 9

	Hour	Min	Act		Hour	Min	Act
1	0	0	4	9	0	0	0
2	4	0	9	10	0	0	0
3	12	0	10	11	0	0	0
4	22	0	4	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 10

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 11

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 12

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 13

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 14

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 15

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Action Table [4.5]

Act#	Pat#	A1	A2	A3	S1	S2	S3	S4	S5	S6	S7	S8
1	1											
2	2											
3	3											
4	4											
5	5											
6	6											
7	7											
8	8											
9	9											
10	10											
11	11											
12	12											
13	13											
14	14											
15	15											
16	16											
17	17											
18	18											
19	19											
20	20											
21	21											
22	22											
23	23											
24	24											
25												
26												
27												
28												
29												
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
48												
98												
99												
100	255											

Coord Alternate Tables - Pat+ [2.6]

Pat#	ØOpt	ØTime	DetG	Call Inh	CIC	CNA1	Overlap Off 1	2	3	4	5	6	7	8	Dia	Max2
1															DFT	
2															DFT	
3															DFT	
4															DFT	
5															DFT	
6															DFT	
7															DFT	
8															DFT	
9															DFT	
10															DFT	
11															DFT	
12															DFT	
13															DFT	
14															DFT	
15															DFT	
16															DFT	
17															DFT	
18															DFT	
19															DFT	
20															DFT	
21															DFT	
22															DFT	
23															DFT	
24															DFT	
25															DFT	
26															DFT	
27															DFT	
28															DFT	
29															DFT	
30															DFT	
31															DFT	
32															DFT	
33															DFT	
34															DFT	
35															DFT	
36															DFT	
37															DFT	
38															DFT	
39															DFT	
40															DFT	
41															DFT	
42															DFT	
43															DFT	
44															DFT	
45															DFT	
46															DFT	
47															DFT	
48															DFT	

C1-USER IO Map [1.8.9.1 In]

I1-1	1	Veh Call 1
I1-2	2	Veh Call 2
I1-3	3	Veh Call 3
I1-4	4	Veh Call 4
I1-5	5	Veh Call 5
I1-6	6	Veh Call 6
I1-7	7	Veh Call 7
I1-8	8	Veh Call 8
I2-1	9	Veh Call 9
I2-2	10	Veh Call 10
I2-3	11	Veh Call 11
I2-4	12	Veh Call 12
I2-5	13	Veh Call 13
I2-6	129	Ped Call 1
I2-7	130	Ped Call 2
I2-8	131	Ped Call 3
I3-1	17	Veh Call 17
I3-2	18	Veh Call 18
I3-3	19	Veh Call 19
I3-4	203	Pre 6 In
I3-5	21	Veh Call 21
I3-6	22	Veh Call 22
I3-7	23	Veh Call 23
I3-8	24	Veh Call 24
I4-1	189	Unused
I4-2	189	Unused
I4-3	189	Unused
I4-4	189	Unused
I4-5	189	Unused
I4-6	189	Unused
I4-7	229	33xCMUStop
I4-8	228	33xFlashSns
I5-1	202	Pre 5 In
I5-2	203	Pre 6 In
I5-3	200	Pre 3 In
I5-4	201	Pre 4 In
I5-5	189	Unused
I5-6	189	Unused
I5-7	189	Unused
I5-8	189	Unused
I6-1	189	Unused
I6-2	189	Unused
I6-3	189	Unused
I6-4	189	Unused
I6-5	189	Unused
I6-6	189	Unused
I6-7	189	Unused
I6-8	189	Unused

C1-USER IO Map [1.8.9.2 Out]

O1-1	1	Ch1 Red
O1-2	49	Ch1 Green
O1-3	2	Ch2 Red
O1-4	26	Ch2 Yellow
O1-5	50	Ch2 Green
O1-6	3	Ch3 Red
O1-7	27	Ch3 Yellow
O1-8	51	Ch3 Green
O2-1	4	Ch4 Red
O2-2	52	Ch4 Green
O2-3	5	Ch5 Red
O2-4	29	Ch5 Yellow
O2-5	53	Ch5 Green
O2-6	6	Ch6 Red
O2-7	30	Ch6 Yellow
O2-8	54	Ch6 Green
O3-1	7	Ch7 Red
O3-2	55	Ch7 Green
O3-3	8	Ch8 Red
O3-4	32	Ch8 Yellow
O3-5	56	Ch8 Green
O3-6	9	Ch9 Red
O3-7	33	Ch9 Yellow
O3-8	57	Ch9 Green
O4-1	10	Ch10 Red
O4-2	58	Ch10 Green
O4-3	11	Ch11 Red
O4-4	35	Ch11 Yellow
O4-5	59	Ch11 Green
O4-6	12	Ch12 Red
O4-7	36	Ch12 Yellow
O4-8	60	Ch12 Green
O5-1	28	Ch4 Yellow
O5-2	34	Ch10 Yellow
O5-3	25	Ch1 Yellow
O5-4	31	Ch7 Yellow
O5-5	39	Ch15 Yellow
O5-6	63	Ch15 Green
O5-7	115	Not Used
O5-8	114	Watchdog
O6-1	115	Not Used
O6-2	115	Not Used
O6-3	13	Ch13 Red
O6-4	37	Ch13 Yellow
O6-5	61	Ch13 Green
O6-6	14	Ch14 Red
O6-7	38	Ch14 Yellow
O6-8	62	Ch14 Green

C1-USER IO Map [1.8.9.2 Out]

O7-1	40	Ch16 Yellow
O7-2	16	Ch16 Red
O7-3	64	Ch16 Green
O7-4	115	Not Used
O7-5	115	Not Used
O7-6	115	Not Used
O7-7	115	Not Used
O7-8	15	Ch15 Red

C11S-USER IO Map [1.8.9.1 In]

I4-1		
I4-2		
I4-3		
I4-4		
I7-1	189	Unused
I7-2	189	Unused
I7-3	189	Unused
I7-4	189	Unused
I7-5	189	Unused
I7-6	189	Unused
I7-7	189	Unused
I7-8	189	Unused
I8-1	189	Unused
I8-2	189	Unused
I8-3	189	Unused
I8-4	189	Unused
I8-5	189	Unused
I8-6	189	Unused
I8-7	189	Unused
I8-8	189	Unused

C11S-USER IO Map [1.8.9.2 Out]

O8-1	115	Not Used
O8-2	115	Not Used
O8-3	115	Not Used
O8-4	115	Not Used
O8-5	115	Not Used
O8-6	115	Not Used
O8-7	115	Not Used
O8-8	115	Not Used

IO Logic [1.8.7]

Op1	Result		O1Fcn	Inv1	IO1	Opn1	O2Fcn	Inv2	IO2	Opn2	O3Fcn	Inv3	IO3	Opn3	Dly	Sec
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0

Security Access Levels [8.2]

1	SWLOAD	22	None	43	None
2	SECURE	23	None	44	None
3	None	24	None	45	None
4	None	25	None	46	None
5	None	26	None	47	None
6	None	27	None	48	None
7	None	28	None	49	None
8	None	29	None	50	None
9	None	30	None	51	None
10	None	31	None	52	None
11	None	32	None	53	None
12	None	33	None	54	None
13	None	34	None	55	None
14	None	35	None	56	None
15	None	36	None	57	None
16	None	37	None	58	None
17	None	38	None	59	None
18	None	39	None	60	None
19	None	40	None	61	None
20	None	41	None	62	None
21	None	42	None	63	None
				64	None

Com Parameters [6.1]

Station ID	3048
Group ID	
Master ID	9047
Backup Time	0

SysUp Modem [6.1]

Enable Modem	OFF
Idle Time	0
Dial Time	0
Tel:	
Alt:	

2070 Port Parms [6.2]

Port	Baud Rate	FCM
SP1	19200	MODE 6
SP2	19200	MODE 6
SP3	19200	MODE 6
SP4	38400	MODE 6
SP5	1200	AUTO
SP6	1200	AUTO
SP7	1200	AUTO
SP8	1200	AUTO

2070 IP 1 Addressing [6.5]

	Addressing			
Addr	0	0	0	0
Mask	0	0	0	0
Brdcst	0	0	0	0
GtWay	0	0	0	0
Port	0			

2070 IP 2 Addressing [6.5]

	Addressing			
Addr	0	0	0	0
Mask	0	0	0	0
Brdcst	0	0	0	0
GtWay	0	0	0	0
Port	0			

2070 Port Binding Ports [6.6]

	Port	Echo	Mode
ASYNC1	SP1	OFF	0
ASYNC2	SP2	OFF	0
ASYNC3	SP3	OFF	0
ASYNC4	SP4	OFF	0
SYNC1	SP5S	SYNC3	OFF
SYNC2	OFF	SYNC4	OFF

2070 Port Binding Functions [6.6]

Function	Channel	Function	Channel
TS2/CVM	None	SYSUp	ASYNC2
CMU/MMU	None	SYSDown	ASYNC1
Opticom	None	Shell	None
Loop Det.	None		
GPS	-		

#	Event / Alarm	Ev	Alr
1	Power Up Alarm.	ON	
2	Stop Timing	ON	ON
3	TS1 Cabinet Door	ON	ON
4	Coordination Failure	ON	ON
5	External Alarm # 1		
6	External Alarm # 2		
7	External Alarm # 3		
8	External Alarm # 4		
9	Closed Loop Disabled		
10	External Alarm # 5		
11	External Alarm # 6		
12	Manual Control Enable	ON	
13	Coord Free Input	ON	
14	Local Flash Input	ON	
15	MMU Flash	ON	
16	CMU Flash	ON	
17	Cycle Fault	ON	
18	Cycle Failure	ON	
19	Coordination Fault	ON	
20	Controller Fault	ON	
21	Detector SDLC Failure	ON	
22	MMU SDLC Failure	ON	
23	Critical SDLC Failure	ON	
24	Reserved	ON	
25	EEPROM CRC Fault	ON	
26	Detector Diagnostic Failur	ON	ON
27	BIU Detector Failure	ON	
32	Queue detector alarm	ON	
29	Ped Detector Fault	ON	ON
30	Coord Diagnostic Fault	ON	ON
41	TempAlert Probe Ch. A		
42	TempAlert Probe Ch. B		
47	Coord Active	ON	ON
48	Preempt Active	ON	ON
49	Preempt 1 Input	ON	
50	Preempt 2 Input	ON	
51	Preempt 3 Input	ON	
52	Preempt 4 Input	ON	
53	Preempt 5 Input	ON	
54	Preempt 6 Input	ON	
55	Preempt 7 Input	ON	
56	Preempt 8 Input	ON	
57	Preempt 9 Input	ON	
58	Preempt 10 Input	ON	
61	In Transition		
81	FIO Status Alarm		

Call Phases[1.1.5]

Ø	Ø	Phases Called By Ø			
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

Redirect Phases[1.1.5]

	From	To	From	To	From	To	From	To
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

Inhibit Phases[1.1.5]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																

Alt Call & Redirect # 1 [1.1.6.3]

Col	Ø	Phases Called By Ø					From	To	From	To	From	To	From	To	From	To
1						1										
2						2										
3						3										
4						4										
5						5										
6						6										
7						7										
8						8										

Alt Inhibit Phases # 1 [1.1.6.3]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																

Alt Call & Redirect # 2 [1.1.6.3]

Col	Ø	Phases Called By Ø					From	To	From	To	From	To	From	To	From	To
1						1										
2						2										
3						3										
4						4										
5						5										
6						6										
7						7										
8						8										

Alt Inhibit Phases # 2 [1.1.6.3]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																

Coord, CIC Plans [2.3]

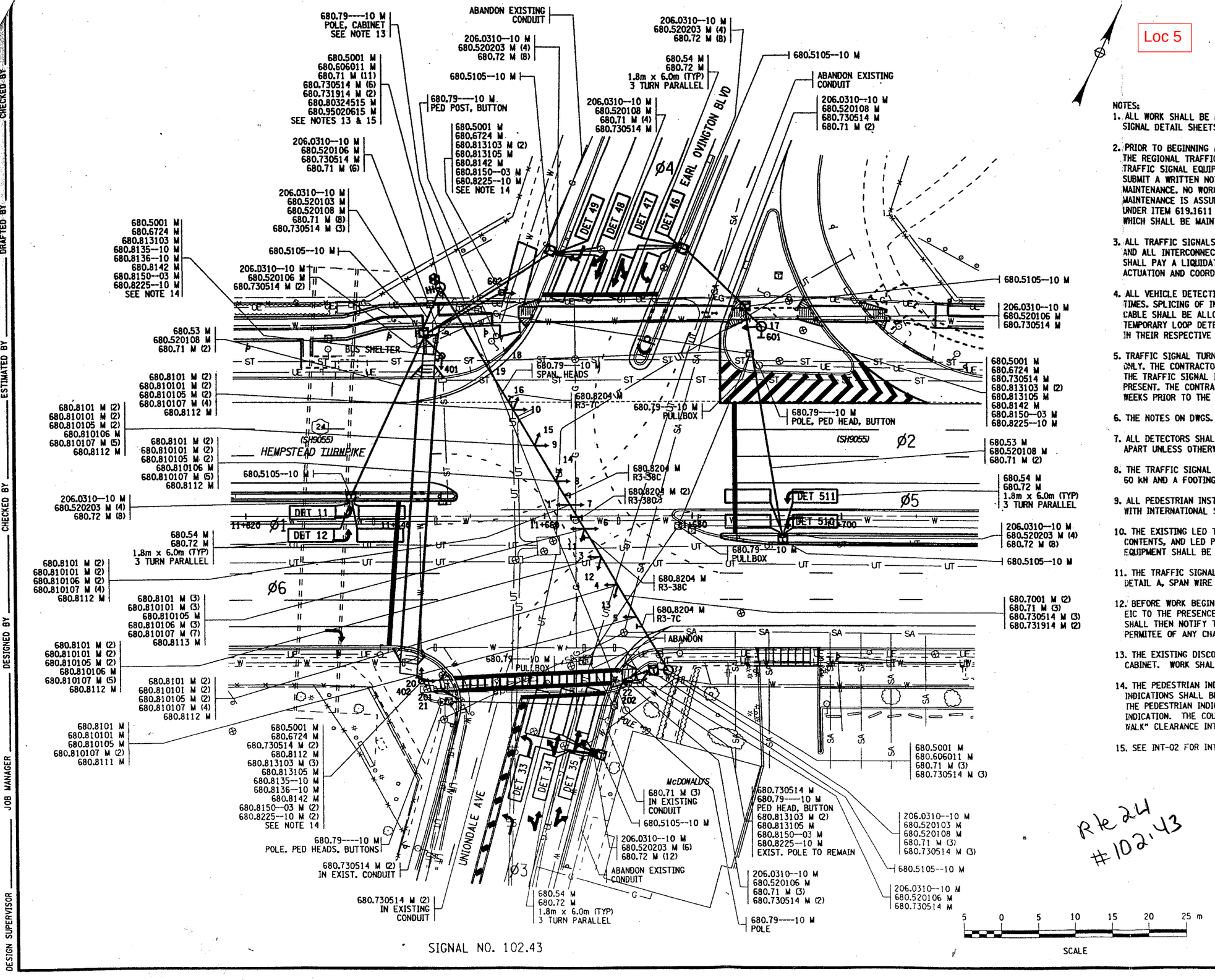
CIC	CoØ	Grow	1	2	3	4	5	6	7	8
1	OFF									
2	OFF									
3	OFF									
4	OFF									

Auto Flash Phase/Olap Settings [1.4.2]

Yel Ø								
Yel (olaps)								

Unit Parameters [1.2.1]

Allow Skip Yellow	OFF	Max Cycle Time	
TOD Dim Enable	OFF	Cycle Fault Action	Alarm
Tone Disable	OFF		
Diamond Mode	4Ph		
Backup Time (s)	900		
Disable Init Ped	OFF		
Cycle Fault Action	Alarm		
Enable Run Timer	ON		



SIGNAL NO. 102.43

Loc 5

FED ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOT SHE
1	N.Y.	D259812	149	1

NY 24 3R

HENDRICKSON AVENUE TO MEADOWBROOK PARKWAY

HEMPSTEAD, NASSAU COUNTY

P.I.N. 0553.20 | B.I.N.

NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NYS DOT REGIONAL TRAFFIC SIGNAL DETAIL SHEETS AND NYS STANDARD SHEETS.
2. PRIOR TO BEGINNING ANY WORK ON THE CONTRACT, THE CONTRACTOR SHALL NOTIFY THE REGIONAL TRAFFIC SIGNAL SECTION TO PERFORM AN INSPECTION OF THE EXISTING TRAFFIC SIGNAL EQUIPMENT. AFTER THE INSPECTION, THE CONTRACTOR MUST THEN SUBMIT A WRITTEN NOTIFICATION WITH THE DATE THEY WILL ASSUME TRAFFIC SIGNAL MAINTENANCE. NO WORK SHALL PROCEED ON THE CONTRACT UNTIL TRAFFIC SIGNAL MAINTENANCE IS ASSUMED. THE EXISTING TRAFFIC SIGNAL SHALL BE MAINTAINED UNDER ITEM 619.1611 M EXCEPT FOR THE CONTROLLER, PROGRAMMING AND TIMING WHICH SHALL BE MAINTAINED BY THE STATE.
3. ALL TRAFFIC SIGNALS SHALL BE MAINTAINED IN A TRAFFIC RESPONSIVE OPERATION AND ALL INTERCONNECT, WHERE EXISTING, SHALL BE MAINTAINED. THE CONTRACTOR SHALL PAY A LIQUIDATED DAMAGES CHARGE OF $500.00 PER CALENDER DAY IF ACTUATION AND COORDINATION IS NOT MAINTAINED.
4. ALL VEHICLE DETECTION AND SIGNAL COORDINATION MUST BE MAINTAINED AT ALL TIMES. SPLICING OF INDUCTANCE LOOP WIRE, SHIELDED LEAD-IN CABLE AND INTERCONN CABLE SHALL BE ALLOWED FOR TEMPORARY REPAIRS DURING CONSTRUCTION ONLY. TEMPORARY LOOP DETECTORS, IF NECESSARY, SHALL BE 1.8 M X 1.8 M, BE CENTERED IN THEIR RESPECTIVE LANE, AND PAID FOR UNDER ITEMS 680.54 M AND 680.72 M.
5. TRAFFIC SIGNAL TURN-ON SHALL BE DONE BY NYS TRAFFIC SIGNAL PERSONNEL ONLY. THE CONTRACTOR SHALL PAY A LIQUIDATED DAMAGES CHARGE OF $10,000.00 IF THE TRAFFIC SIGNAL IS TURNED ON WITHOUT NYS TRAFFIC SIGNAL PERSONNEL PRESENT. THE CONTRACTOR SHALL NOTIFY THE NYS TRAFFIC SIGNAL SECTION TWO WEEKS PRIOR TO THE REQUESTED DATE OF TURN-ON.
6. THE NOTES ON DWGS. NOS. TSD-1 TO TSD-11 SHALL APPLY.
7. ALL DETECTORS SHALL BE CENTERED IN THEIR RESPECTIVE LANES AND SPACED 3 M APART UNLESS OTHERWISE INDICATED IN THE PLANS.
8. THE TRAFFIC SIGNAL POLES SHALL HAVE A HEIGHT OF 11 m, A DESIGN LOADING OF 60 kN AND A FOOTING MOMENT OF 678 kN-m.
9. ALL PEDESTRIAN INSTRUCTION SIGNS SHALL BE R6-12C FROM THE M.U.T.C.D. MANUAL WITH INTERNATIONAL SYMBOLS.
10. THE EXISTING LED TRAFFIC SIGNAL HEADS, CONTROLLER, CABINET AND ALL ITS CONTENTS, AND LED PEDESTRIAN HEADS SHALL BE RETURNED TO THE STATE. ALL OTH EQUIPMENT SHALL BE DISPOSED OF BY THE CONTRACTOR.
11. THE TRAFFIC SIGNAL HEADS SHALL BE TETHERED TO THE SECOND SPAN WIRE AS PE DETAIL A, SPAN WIRE SIGN MOUNTING, ON DRAWING NO. TSD-9.
12. BEFORE WORK BEGINS ON THE TRAFFIC SIGNAL, THE CONTRACTOR SHALL NOTIFY THE EIC TO THE PRESENCE OF OPTICAL PRE-EMPTION ON THE EXISTING SPAN WIRE. THE EI SHALL THEN NOTIFY THE NYS DOT PERMITS SECTION SO THEY CAN INFORM THE PERMITEE OF ANY CHANGES TO THE TRAFFIC SIGNAL SPAN.
13. THE EXISTING DISCONNECT BOX SHALL BE RETAINED AND RELOCATED TO THE PROPOS CABINET. WORK SHALL BE PAID UNDER ITEMS 680.79----10 M AND 680.80324515 M.
14. THE PEDESTRIAN INDICATIONS TO CROSS ROUTE 24 SHALL BE 400 mm. ALL OTHER INDICATIONS SHALL BE 300 mm. THE COUNTDOWN TIMERS SHALL BE PLACED ON TOP THE PEDESTRIAN INDICATIONS AND WIRED TO THE SAME OUTPUT AS THE "DON'T WALK" INDICATION. THE COUNTDOWN TIMERS SHALL ONLY COUNT DOWN DURING THE "DON'T WALK" CLEARANCE INTERVAL.
15. SEE INT-02 FOR INTERCONNECT PLAN.

ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED

AS BUILT REVISIONS

Turned on 1/16/07

SIGNATURE DATE

Rte 24
#102.43

ROUTE 24 AND EARLE OVINGTON BLVD
HEMPSTEAD, NASSAU COUNTY
SIG. #102.43

TRAFFIC SIGNAL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

FILENAME	REGION	DATE	DRAWING
055320AB.TRF	10	12/04	TSP-9

DESIGNED BY ____ DRAFTED BY ____ CHECKED BY ____
JOB MANAGER ____ ESTIMATED BY ____
DESIGN SUPERVISOR ____

FED ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D259812	150	191

NY 24 3R
HENDRICKSON AVENUE TO MEADOWBROOK PARKWAY
HEMPSTEAD, NASSAU COUNTY

P.I.N. 0553.20 B.I.N.

ESTIMATE OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY ESTIMATE	QUANTITY ACTUAL
206.0310--10 M	CONDUIT EXCAVATION AND RESTORATION	M	92	
619.1611 M	MAINTAIN TRAFFIC SIGNAL EQUIPMENT (REQUIREMENT A)	INTM	15	
680.5001 M	POLE EXCAVATION AND CONCRETE FOUNDATION	CM	16.4	
680.5105--10 M	PULLBOX, RECTANGULAR REINFORCED CONCRETE (650 mm X 450 mm)	EACH	8	
680.520103 M	CONDUIT, METAL STEEL, ZINC COATED, 1 NPS	M	9	
680.520106 M	CONDUIT, METAL STEEL, ZINC COATED, 2 NPS	M	49	
680.520108 M	CONDUIT, METAL STEEL, ZINC COATED, 3 NPS	M	94	
680.520203 M	TRAFFIC SIGNAL CONDUIT, FLEXIBLE LIQUID TIGHT STEEL, 1 NPS	M	22	
680.53 M	CONDUIT JACKING OR BORING	M	56	
680.54 M	INDUCTANCE LOOP INSTALLATION	M	440	
680.606011 M	TRAFFIC SIGNAL POLE	EACH	2	
680.6724 M	TRAFFIC SIGNAL POLE POST TOP MOUNT, 2.4 METER LENGTH	EACH	4	
680.7001 M	SINGLE SPAN WIRE ASSEMBLY	EACH	2	
680.71 M	SHIELDED LEAD-IN CABLE	M	810	
680.72 M	INDUCTANCE LOOP WIRE	M	1262	
680.730514 M	SIGNAL CABLE 5 CONDUCTORS, 14 AWG	M	476	
680.731914 M	SIGNAL CABLE 19 CONDUCTORS, 14 AWG	M	135	
680.79----10 M	REMOVE TRAFFIC SIGNAL EQUIPMENT	LS		
680.80324515 M	INSTALL MICROCOMPUTER CABINET	EACH	1	
680.8101 M	TRAFFIC SIGNAL SECTION-300 MILLIMETER	EACH	16	
680.810101 M	TRAFFIC SIGNAL MODULE - 300 mm, RED BALL, LED	EACH	16	
680.810105 M	TRAFFIC SIGNAL MODULE - 300 mm, GREEN BALL, LED	EACH	12	
680.810106 M	TRAFFIC SIGNAL MODULE - 300 mm, GREEN ARROW, LED	EACH	8	
680.810107 M	TRAFFIC SIGNAL SECTION - TYPE 1, 300 mm,	EACH	36	
680.8111 M	TRAFFIC SIGNAL BRACKET ASSEMBLY-1 WAY	EACH	1	
680.8112 M	TRAFFIC SIGNAL BRACKET ASSEMBLY-2WAY	EACH	6	
680.8113 M	TRAFFIC SIGNAL BRACKET ASSEMBLY-3WAY	EACH	1	
680.813103 M	PEDESTRIAN SIGNAL SECTION - TYPE 1, 300 mm	EACH	10	
680.813105 M	PEDESTRIAN SIGNAL MODULE-300 mm BI-MODAL HAND/MAN SYMBOLS	EACH	4	
680.8135--10 M	400 mm PEDESTRIAN SIGNAL MODULE, HAND/MAN LED	EACH	2	
680.8136--10 M	400 mm PEDESTRIAN SIGNAL SECTION, TYPE 1	EACH	2	
680.8142 M	PEDESTRIAN SIGNAL POST TOP MOUNT ASSEMBLY	EACH	4	
680.8150--03 M	PEDESTRIAN COUNT-DOWN TIMER MODULE	EACH	6	
680.8204 M	OVERHEAD SIGN ASSEMBLY, TYPE D	EACH	6	
680.8225--10 M	PEDESTRIAN PUSHBUTTON AND SIGN - WITHOUT POST	EACH	6	
680.95020615 M	SERVICE CABLE 2 CONDUCTOR NO. 06 AWG	M	25	

Conflict Monitor
diode cut

1-2, 1-10, 1-11
2-3, 2-8, 2-11
3-8, 3-10, 3-11
6-12,
8-10, 8-11

Current Monitor

4, 7, 8, 9, 11, 12, 13, 14

Switch pack - 9

1	2	3	4	5	6	7
X	X	X			X	X
8	9	10	11	12	13	14

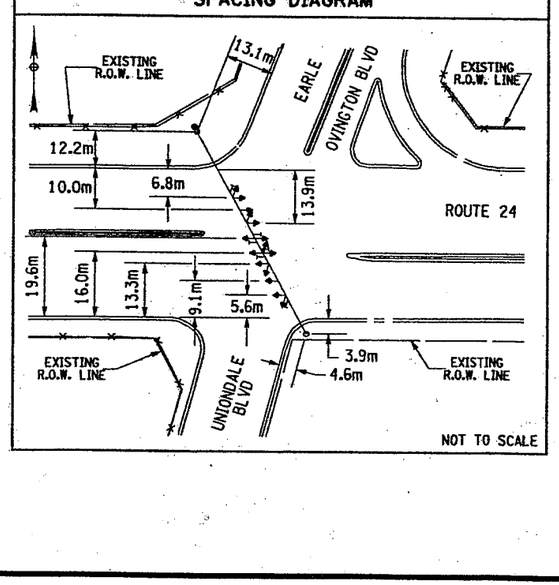
Relays - 5
R-2 Y-2 W-5

222-6
242-2

CLEARANCE TABLE

CLEARANCE	FROM / TO	R	G	~~G~~	G / ~~G~~
1ST	R	R	Y	~~Y~~	Y
2ND		R	R	R	R
1ST	G	R	G	—	—
2ND		R	G	—	—
1ST	~~G~~	R	—	~~G~~	—
2ND		R	—	~~G~~	—
1ST	G / ~~G~~	R	—	—	G / ~~G~~
2ND		R	—	—	G / ~~G~~

SPACING DIAGRAM

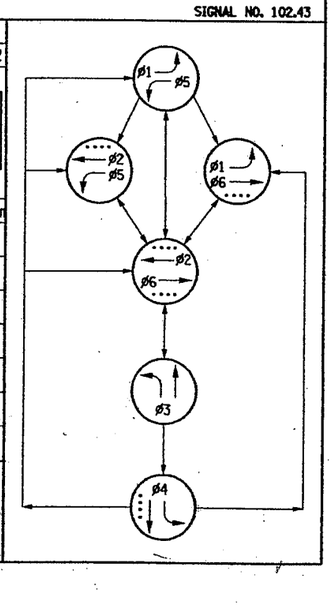


SEQUENCE TABLE

SIGNAL NO. 102.43

PHASE	FACES 1,2	3,4,5	6,7	8,9,10	11,12	13	14,15	16	17,18	19,20	21,22
	(HAND) / Y / ~~G~~	R / Y / G	(HAND) / Y / ~~G~~	R / Y / G	R / Y / G / ~~G~~	R / Y / G	R / Y / G / ~~G~~	R / Y / G	▯▯ / ✋	▯▯ / ✋	▯▯ / ✋
	300mm	300mm	300mm	300mm	300mm	300mm	300mm	300mm	300mm	400mm	300mm
ø1 & ø5	~~G~~	R	~~G~~	R	R	R	R	R	DW	DW	DW
ø1 & ø6	~~G~~	G	R	R	R	R	R	R	DW	DW	DW•
ø2 & ø5	R	R	~~G~~	G	R	R	R	R	DW•	DW	DW
ø2 & ø6	R	G	R	G	R	R	R	R	DW•	DW	DW•
ø3	R	R	R	R	G / ~~G~~	G	R	R	DW	DW	DW
ø4	R	R	R	R	R	R	G / ~~G~~	G	DW	DW•	DW
FLASH	R	G	R	G	R	R	R	R	--	--	--

ø2 AND ø6 SHALL BE PLACED ON RECALL GREEN
THE RED INDICATION ON FACES 1, 2, 6, AND 7 SHALL HAVE VERTICAL LOUVERS
•SHALL BE A STEADY " ✋ " INDICATION FOLLOWED BY A FLASHING " ✋ " PHASE UPON ACTUATION.



24
1
7
32

ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED

AS BUILT REVISIONS

SIGNATURE DATE

ROUTE 24 AND EARLE OVINGTON BLVD
HEMPSTEAD, NASSAU COUNTY
SIG. #102.43

TRAFFIC SIGNAL PLANS

Rte 24
102.43(2)

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

FILENAME	REGION	DATE	DRAWING NO.
055320AB.TRF	10	12/04	TSP-10-50

Attachment 1 Page 50

DESIGN SUPERVISOR — JOB MANAGER — DESIGNED BY — CHECKED BY — QUANTITIES BY — DRAFTED BY — CHECKED BY

Rte 24

#102.43(3)

24 AND CALIFORNIA AVENUE

PERATION SPECIFICATIONS
E OF SWITCH PACKS

102.2 COUNTY NASSAU

E S.	INDICATIONS	TERMINAL WIRING BOARD TERMINAL	WIRE COLOR CODE
	R Y G GROUND WIRE	SP 1R SP 1Y SP 1G GROUND BUS	14/19C-2-R 14/19C-2-O 14/19C-2-G 14/19C-2-W
7,8	R Y G GROUND WIRE	SP 2R SP 2Y SP 2G GROUND BUS	14/19C-1-R/B 14/19C-1-O/B 14/19C-1-G/B 14/19C-1-W/B
3,4	R Y G GROUND WIRE	SP 3R SP 3Y SP 3G GROUND BUS	14/19C-1-R 14/19C-1-O 14/19C-1-G 14/19C-1-W
	GROUND WIRE	SP 4R SP 4Y SP 4G GROUND BUS	
12	R Y G GROUND WIRE	SP 5R SP 5Y SP 5G GROUND BUS	14/19C-1-R/W 14/19C-1-BL/W 14/19C-1-G/W 14/19C-1-B/W
10	R Y G GROUND WIRE	SP 6R SP 6Y SP 6G GROUND BUS	14/19C-1-B/R 14/19C-1-O/R 14/19C-1-BL/R 14/19C-1-W/R
	GROUND WIRE	SP 7R SP 7Y SP 7G GROUND BUS	
	GROUND WIRE	SP 8R SP 8Y SP 8G GROUND BUS	
	GROUND WIRE	SP 9R SP 9Y SP 9G GROUND BUS	
1	R Y G GROUND WIRE	SP 10R SP 10Y SP 10G GROUND BUS	14/19C-2-R/B 14/19C-2-O/B 14/19C-2-G/B 14/19C-2-W/B
14	DON'T WALK WALK GROUND WIRE	SP 11R SP 11Y SP 11G GROUND BUS	14/5C-1-R 14/5C-2-R 14/5C-1-G 14/5C-2-G 14/5C-1-W 14/5C-2-W
	GROUND WIRE	SP 12R SP 12Y SP 12G GROUND BUS	

ROUTE 24 AND EARLE OVINGTON BLVD

SIGNAL OPERATION SPECIFICATIONS
TABLE OF SWITCH PACKS

SIGNAL NO.: 102.43 COUNTY: NASSAU

SWITCH PACK	FUNCTION	FACE NOS.		INDICATIONS	TERMINAL WIRING BOARD TERMINAL	WIRE COLOR CODE	
SP1 E x N	ø1	1, 2		R Y G GROUND WIRE	SP 1R SP 1Y SP 1G GROUND BUS	14/19C-1-R 14/19C-1-O 14/19C-1-G 14/19C-1-W	
SP2 E	ø6	3, 4, 5		R Y G GROUND WIRE	SP 2R SP 2Y SP 2G GROUND BUS	14/19C-1-R/B 14/19C-1-O/B 14/19C-1-G/B 14/19C-1-W/B	
SP3 W	ø2	8, 9, 10		R Y G GROUND WIRE	SP 3R SP 3Y SP 3G GROUND BUS	14/19C-1-R/W 14/19C-1-BL/W 14/19C-1-G/W 14/19C-1-B/W	
SP4				GROUND WIRE	SP 4R SP 4Y SP 4G GROUND BUS		
SP5 N	ø3	11, 12, 13		R Y G & G GROUND WIRE	SP 5R SP 5Y SP 5G GROUND BUS	14/19C-2-R 14/19C-2-O 14/19C-2-G 14/19C-2-W	
SP6 S	ø4	14, 15, 16		R Y G & G GROUND WIRE	SP 6R SP 6Y SP 6G GROUND BUS	14/19C-2-R/B 14/19C-2-O/B 14/19C-2-G/B 14/19C-2-W/B	
SP7				GROUND WIRE	SP 7R SP 7Y SP 7G GROUND BUS		
SP8 W	PED "C" ø2	17	18	DON'T WALK WALK GROUND WIRE	SP 8R SP 8Y SP 8G GROUND BUS	14/5C-5-R 14/5C-6-R 14/5C-5-G 14/5C-6-G 14/5C-5-W 14/5C-6-W	
SP9				GROUND WIRE	SP 9R SP 9Y SP 9G GROUND BUS		
SP10 W x S	ø5	6, 7		R Y G GROUND WIRE	SP 10R SP 10Y SP 10G GROUND BUS	14/19C-2-B/R 14/19C-2-O/R 14/19C-2-BL/R 14/19C-2-W/R	
SP11 E	PED "A" ø6	21	22	DON'T WALK WALK GROUND WIRE	SP 11R SP 11Y SP 11G GROUND BUS	14/5C-1-R 14/5C-2-R 14/5C-1-G 14/5C-2-G 14/5C-1-W 14/5C-2-W	
SP12 S	PED "B" ø4	19	20	DON'T WALK WALK GROUND WIRE	SP 12R SP 12Y SP 12G GROUND BUS	14/5C-3-R 14/5C-4-R 14/5C-3-G 14/5C-4-G 14/5C-3-W 14/5C-4-W	

ROUTE 24

SIGNAL T/

SIGNAL NO.

SWITCH PACK	FUNCTION	F
SP1	ø1	
SP2	ø6	
SP3	ø2	
SP4		
SP5	PED "A" (ø4)	17
SP6	ø4	14,
SP7	ø3	11,
SP8		
SP9		
SP10	ø5	
SP11	PED "B" (ø6)	21
SP12	PED "C" (ø2)	19

OPERATION SPECIFICATIONS
BLE OF INPUT WIRING

102.2 COUNTY NASSAU

UMBER	TYPE	TERMINAL BOARD WIRING
1	PRESENCE LOOP	1A , 1B
2	PRESENCE LOOP	2A , 2B
3	PRESENCE LOOP	3A , 3B
4	PRESENCE LOOP	4A , 4B
5	PRESENCE LOOP	5A , 5B
6	PRESENCE LOOP	6A , 6B
7	PRESENCE LOOP	7A , 7B
		8A , 8B
		9A , 9B
		10A , 10B
		11A , 11B
		12A , 12B
		13A , 13B
		14A , 14B
		15A , 15B
02	PED BUTTON	16A , 16B

SIGNAL OPERATION SPECIFICATIONS
TABLE OF INPUT WIRING

SIGNAL NO.: 102.43 COUNTY: NASSAU

FUNCTION	DETECTOR NUMBER	TYPE	TERMINAL BOARD WIRING
ø1 E x N	DET 11	PRESENCE LOOP	1A , 1B
ø1 E x N	DET 12	PRESENCE LOOP	2A , 2B
ø3 N	DET 33	PRESENCE LOOP	3A , 3B
ø3 N	DET 34	PRESENCE LOOP	4A , 4B
ø3 N	DET 35	PRESENCE LOOP	5A , 5B
ø4 S	DET 46	PRESENCE LOOP	6A , 6B
ø4 S	DET 47	PRESENCE LOOP	7A , 7B
ø4 S	DET 48	PRESENCE LOOP	8A , 8B
ø4 S	DET 49	PRESENCE LOOP	9A , 9B
ø5 W x S	DET 510	PRESENCE LOOP	10A , 10B
ø5 W x S	DET 511	PRESENCE LOOP	11A , 11B
			12A , 12B
			13A , 13B
6 ø2 W	DET 201, 202	PEDESTRIAN BUTTON	14A , 14B
2 ø6 E	DET 601, 602	PEDESTRIAN BUTTON	15A , 15B
ø4 S	DET 401, 402	PEDESTRIAN BUTTON	16A , 16B

SIGNAL T/

SIGNAL NO.

FUNCTION	DETECTOR
ø1	DET 1
** ø1	DET 1
** ø5	DET 5
** ø5	DET 5
** ø3	DET 3
** ø3	DET 3
** ø3	DET 3
** ø3	DET 3
** ø4	DET 4
** ø4	DET 4
** ø4	DET 4
** ø4	DET 4
ø6	601, 6
ø2	201, 2
ø4	401, 4

**THESE DETECTORS SHALL BE R

All peak hours use the same phasing timing.

NASSAU COUNTY OFFICIAL T.S.L. TIMING RECORD

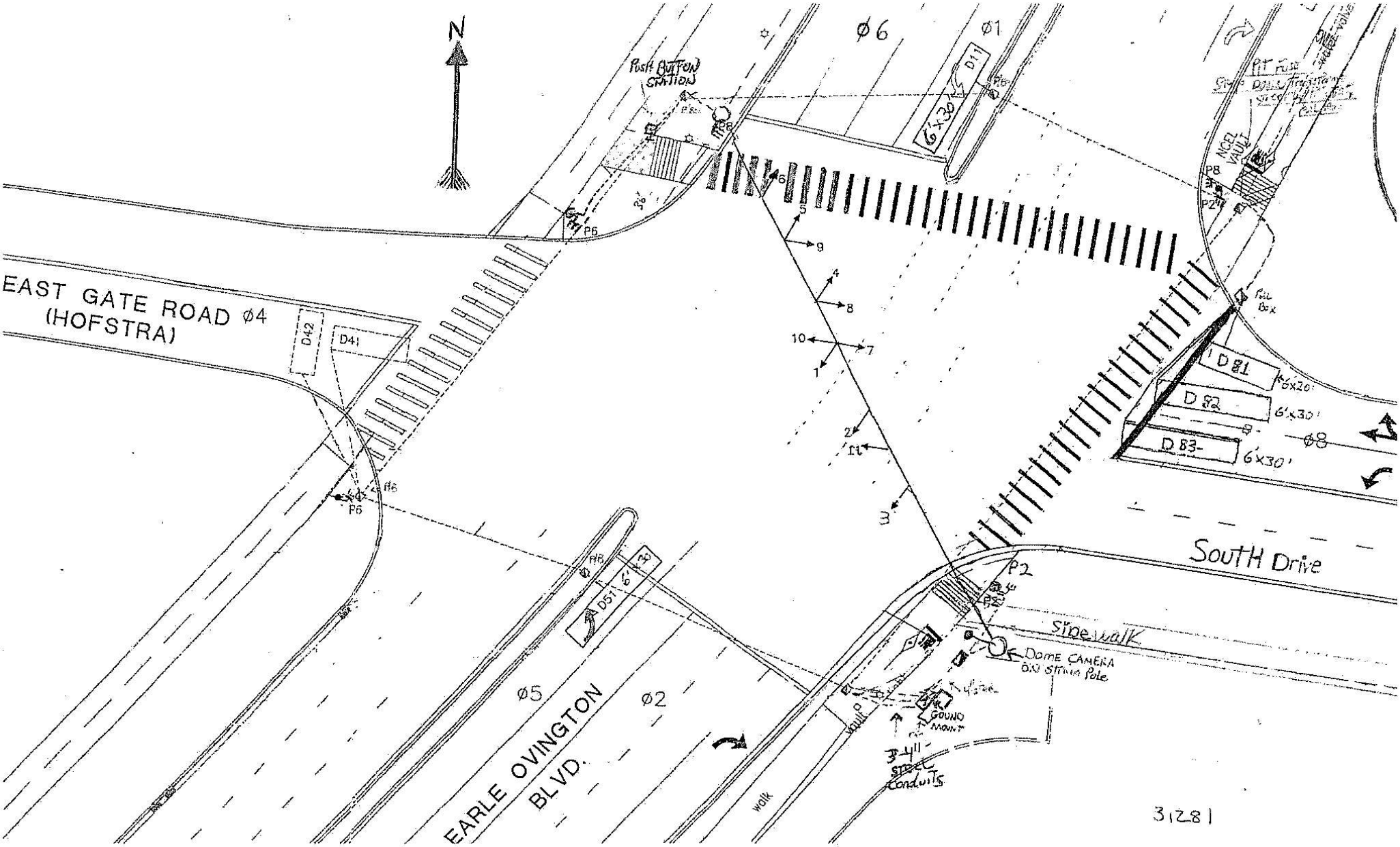
Loc 6

Intersection: Earle Ovington Blvd., Coliseum Exit & Hofstra Gate
Town: Uniondale
Signal No.: 31281
Remarks: 120" cycle
Date: 12/03/2018 smd

Note: Calls to Phase 1 or 5 shall be omitted when called from Phases 2 & 6, shall put a call into Phases 4 & 8 first, dropping the omit

Intersection Approach	S/B L/T	Earle Ov-ington N/B		Hofstra Gate E/B	N/B L/T	Earle Ov-ington S/B		Coliseum W/B
Phase	1	2	3	4	5	6	7	8
Detector Spacing	Presence	-----		Presence	Presence	-----		Presence
Minimum Green	3	20		8	3	20		8
Passage Time	3.0	0.0		3.0	3.0	0.0		3.0
Splits	22	46 *Rests		52	22	46 *Rests		52
Walk	0	7		0	0	7		7
Pedestrian Clearance	0	26		0	0	26		38
Maximum Green 1	15	33		45	15	33		45
Maximum Green 2	15	33		45	15	33		45
Recall	Off	Min & Ped		Off	Off	Min & Ped		Off
Memory	Off	Off		Off	Off	Off		Off
Clearance Yellow	4.0	4.0		4.0	4.0	4.0		4.0
Clearance All Red	2.0	2.0		2.0	2.0	2.0		2.0

Loc 6


N
Ø6
Ø1
Push Button Station
D11
6'x30'
EAST GATE ROAD Ø4
(HOFSTRA)
D42
D41
P6
D81
6'x20'
D82
6'x30'
D83
6'x30'
Ø8
South Drive
P2
Sidewalk
Dome Camera
on Strain Pole
Ground Mount
3-4" Steel Conduits
Ø5
Ø2
EARLE OVINGTON
BLVD.
D51
6'
walk
3128

Same signal phasing/timing for all peak hours

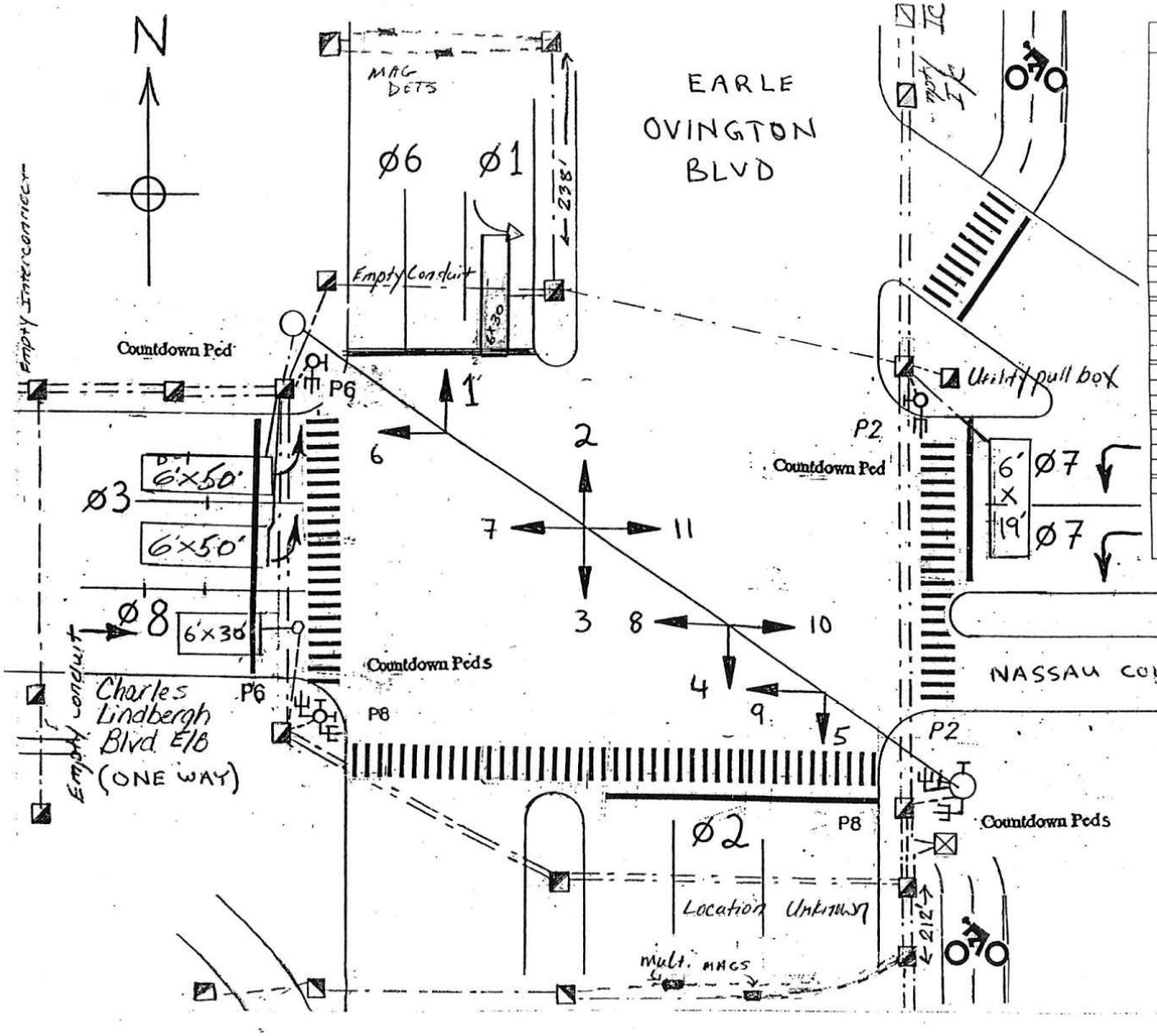
NASSAU COUNTY OFFICIAL T.S.L. TIMING RECORD

Loc 7

Intersection: Earle Ovington Blvd., Charles Lindbergh E/B & Coliseum
Town: Uniondale
Signal No.: 31282
Remarks: Free Operation
Date: 10/08/2010 smd

Intersection Approach	S/B L/T	Earle Ov. Blvd. N/B	E/B L/T			Earle Ov. Blvd. S/B	W/B L/T Coliseum Exit	Charles Lind. E/B
Phase	1	2	3	4	5	6	7	8
Detector Spacing	Presence	240' +/-	Presence			240' +/-	20' +/-	Presence
Minimum Green	3	20	10			20	8	8
Passage Time	2.0	5.0	4.0			5.0	4.0	3.0
Walk	1	6	0			6	0	6
Pedestrian Clearance	0	18	0			18	0	20
Maximum Green 1	40	40	40			40	30	30
Maximum Green 2	40	40	40			40	30	30
Recall	Off (N)	Off (0)	Off (N)			Off (0)	Off (0)	Off (N)
Memory	Off	On	Off			On	On	Off
Clearance Yellow	4.0	4.0	4.0			4.0	4.0	4.0
Clearance All Red	2.0	2.0	2.0			2.0	2.0	2.0

Loc 7



Sequence Table – Signal No. 31282

Phase	Face 1	2	3–4	5	6,7	8	9	10,11	P2,P6	P8
	R Y G	R Y G (Y) (G)	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	16"X18"	16"X18"
	12"	12"	12"	12"	12"	12"	12"	12"		
ø1+ø6	G	←G G	R	R	R	R	R	←R	DW	DW
1st. CL	G	←Y G	R	R	R	R	R	←R	DW	DW
2nd. CL	G	G	R	R	R	R	R	←R	DW	DW
ø2+ø6	G	G	G	G	R	R	R	←R	WK*	DW
PED. CL	G	G	G	G	R	R	R	←R	FLDW*	DW
1st. CL	Y	Y	Y	Y	R	R	R	←R	DW	DW
2nd. CL	R	R	R	R	R	R	R	←R	DW	DW
ø3+ø7	R	R	R	R	←G	R	R	←G	DW	DW
1st. CL	R	R	R	R	←G	R	R	←Y	DW	DW
2nd. CL	R	R	R	R	←G	R	R	←R	DW	DW
ø3+ø8	R	R	R	R	←G	G	G	←R	DW	WK*
PED. CL	R	R	R	R	←G	G	G	←R	DW	FLDW*
1st. CL	R	R	R	R	Y	Y	Y	←R	DW	DW
2nd. CL	R	R	R	R	R	R	R	←R	DW	DW
FLASHING	FL.Y	FL.Y	FL.Y	FL.Y	FL.R	FL.R	FL.R	FL.R	FL.R	FL.R

NOTE: ø2+ø6 SHALL BE PLACED ON RECALL
* APPEARS ONLY UPON PEDESTRIAN PUSH BUTTON ACTUATION

COUNTY OF NASSAU
DEPARTMENT OF PUBLIC WORKS

PEDESTRIAN AND BICYCLE PATHWAY
PROJECT PHASE ONE

TRAFFIC SIGNAL PLAN
EARLE OVINGTON BLVD AT CHARLES LINDBERGH BLVD
AND NASSAU COLISEUM
SIGNAL NO. 31282

GARDEN CITY / UNIONDALE

TOWN OF HEMPSTEAD

Same phasing and timing for all peak hours

NASSAU COUNTY OFFICIAL T.S.L. TIMING RECORD

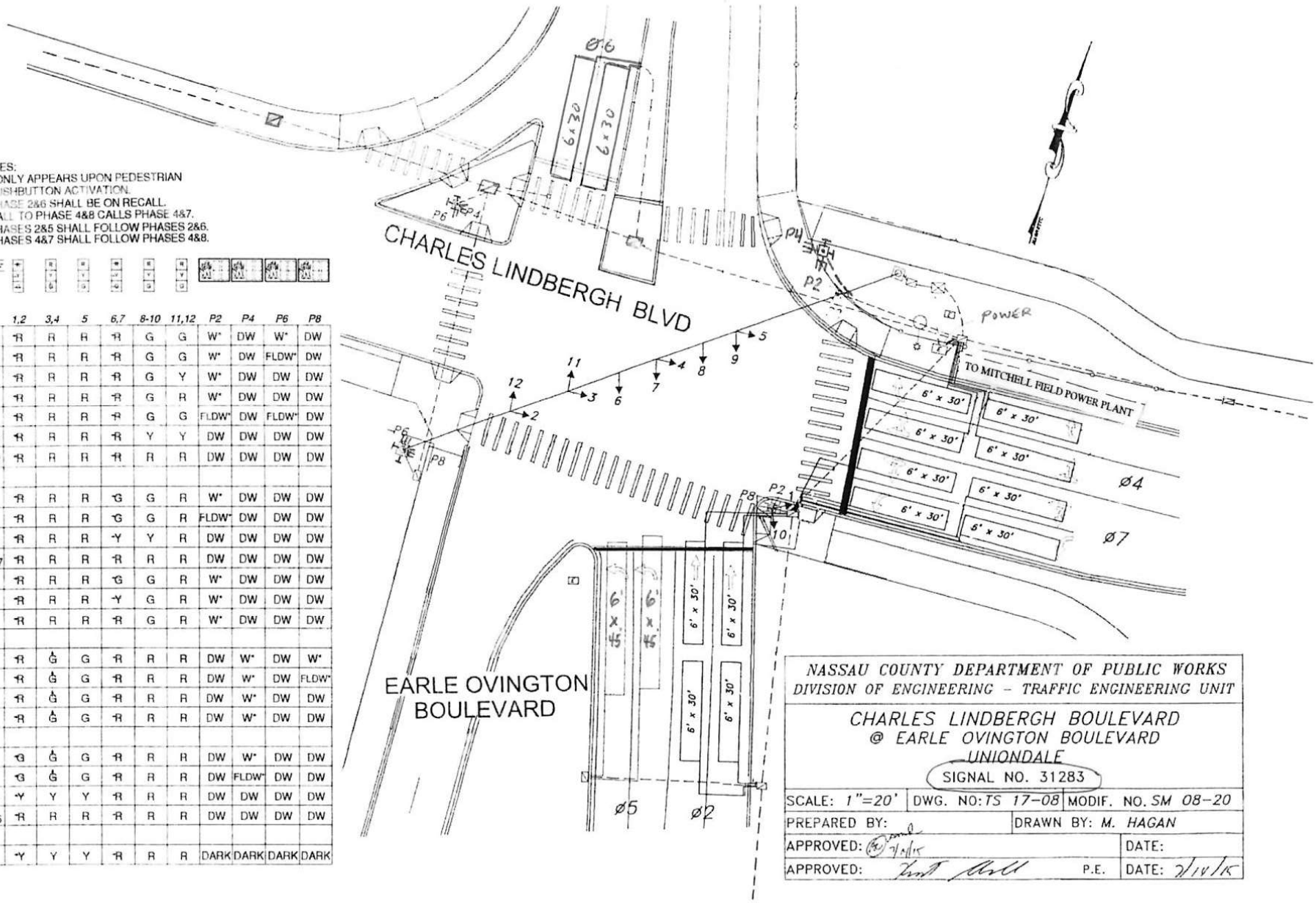
Loc 8

Intersection: Charles Lindbergh Blvd. W/B, Earle Ovington Blvd. & @ Nassau Community College
Town: Uniondale
Signal No.: 31283
Remarks: Free Operation
Date: 08/06/12 smd

Note: Phases 2 & 5 follow Phases 2 & 6, Phases 4 & 7 follow Phases 4 & 8

Intersection Approach		N/B Earle Ov.		W/B C.L.	N/B L/T	S/B Earle Ov.	W/B L/T	S/S Ped & W/B C.L.
Phase	1	2	3	4	5	6	7	8
Detector Spacing		Presence		Presence	Presence	Presence	Presence	Pushbutton
Minimum Green		10		15	8	10	15	1
Passage Time		5.0		5.0	5.0	5.0	5.0	0.0
Splits								
Walk		7		7	0	7	0	7
Pedestrian Clearance		14		25	0	14	0	25
Maximum Green 1		35		35	25	35	35	33
Maximum Green 2		35		35	25	35	35	33
Recall		Off		Off	Off	Off	Off	Off
Memory		Off		Off	Off	On	Off	On
Clearance Yellow		4.0		4.0	4.0	4.0	4.0	4.0
Clearance All Red		3.0		3.0	3.0	3.0	3.0	3.0

Loc 8



NOTES:
1. * ONLY APPEARS UPON PEDESTRIAN PUSHBUTTON ACTIVATION.
2. PHASE 2&6 SHALL BE ON RECALL.
3. CALL TO PHASE 4&8 CALLS PHASE 4&7.
4. PHASES 2&5 SHALL FOLLOW PHASES 2&6. PHASES 4&7 SHALL FOLLOW PHASES 4&8.

	1,2	3,4	5	6,7	8-10	11,12	P2	P4	P6	P8
Ø2 & 6	R	R	R	R	G	G	W*	DW	W*	DW
PED CL	R	R	R	R	G	G	W*	DW	FLDW*	DW
1st CL to Ø2 & 5	R	R	R	R	G	Y	W*	DW	DW	DW
2nd CL to Ø2 & 5	R	R	R	R	G	R	W*	DW	DW	DW
PED CL	R	R	R	R	G	G	FLDW*	DW	FLDW*	DW
1st CL to Ø4 &8 or 4&7	R	R	R	R	Y	Y	DW	DW	DW	DW
2nd CL to Ø4&8 or 4&7	R	R	R	R	R	R	DW	DW	DW	DW
Ø2 & 5	R	R	R	G	G	R	W*	DW	DW	DW
PED CL	R	R	R	G	G	R	FLDW*	DW	DW	DW
1st CL to Ø4&8 or 4&7	R	R	R	Y	Y	R	DW	DW	DW	DW
2nd CL to Ø4&8 or 4&7	R	R	R	R	R	R	DW	DW	DW	DW
PED CL	R	R	R	G	G	R	W*	DW	DW	DW
1st CL to Ø2&6	R	R	R	Y	G	R	W*	DW	DW	DW
2nd CL to Ø2&6	R	R	R	R	G	R	W*	DW	DW	DW
Ø4&8	R	G	G	R	R	R	DW	W*	DW	W*
PED CL	R	G	G	R	R	R	DW	W*	DW	FLDW*
1st CL to Ø4&7	R	G	G	R	R	R	DW	W*	DW	DW
2nd CL to Ø4&7	R	G	G	R	R	R	DW	W*	DW	DW
Ø4&7	G	G	G	R	R	R	DW	W*	DW	DW
PED CL	G	G	G	R	R	R	DW	FLDW*	DW	DW
1st CL to Ø2&6 or 2&5	Y	Y	Y	R	R	R	DW	DW	DW	DW
2nd CL to Ø2&6 or 2&5	R	R	R	R	R	R	DW	DW	DW	DW
FLASHING	Y	Y	Y	R	R	R	DARK	DARK	DARK	DARK

NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING – TRAFFIC ENGINEERING UNIT

CHARLES LINDBERGH BOULEVARD
@ EARLE OVINGTON BOULEVARD
UNIONDALE
SIGNAL NO. 31283

SCALE: 1"=20'	DWG. NO: TS 17-08	MODIF. NO. SM 08-20
PREPARED BY:	DRAWN BY: M. HAGAN	
APPROVED:		DATE:
APPROVED: P.E.		DATE: 7/14/15

Same signal timing and phasing for all peak hours

NASSAU COUNTY OFFICIAL T.S.L. TIMING RECORD

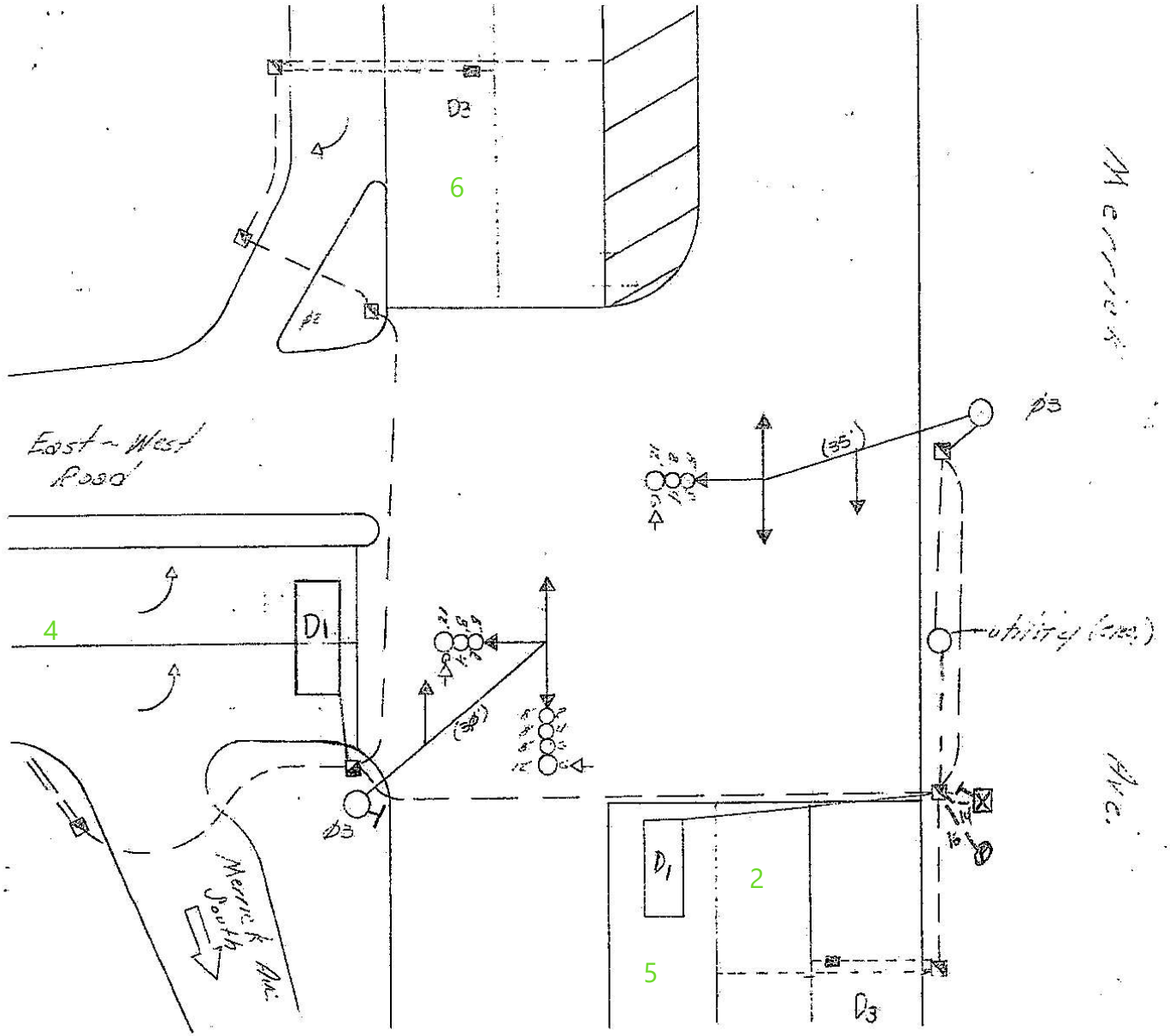
Loc 11

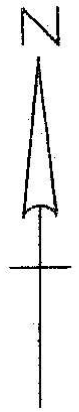
Intersection: Merrick Avenue & Charles Lindbergh Boulevard
Town: East Meadow
Signal No.: 31171

Remarks: 80" cycle
Date: 10/06/2003 smd

Intersection Approach	Merrick Avenue	N/B L/T & N/B	Charles Lindbergh				
Phase	2,6 1	5 2	4 3			Progression on S/B Amber 0" - Charles Lindbergh Blvd. 10" - Aquatic Center	
Detector Spacing	-----	Presence	15'				
Minimum Green	20	3	8				
Maximum Initial Seconds per Actuation							
Time Before Reduction							
Passage Time	0.0	2.0	3.0				
Time To Reduce To Min. Gap Set Below							
Minimum Gap							
Walk	0	0	8				
Pedestrian Clearance	0	0	12				
Maximum Green 1	20	17	25				
Maximum Green 2	20	17	25				
Recall Memory	On (1) On	Off (4) Off	Off (0) On				
Clearance (Yellow)	4.0	4.0	4.0				
Clearance All Red	2.0	2.0	2.0				

Loc 11





3 4 5 / 12

2-6

5

4

- LEGEND -

	1	2-3	4-6	7-8
PHASE 1	G	G	G	R
1st CL to ø2	G	G	Y	R
2nd CL to ø2	G	G	R	R
1st CL to ø3	Y	Y	Y	R
2nd CL to ø3	R	R	R	R
PHASE 2	G-G	G	R	R
1st CL to ø3	Y	Y	R	R
2nd CL to ø3	R	R	R	R
1st CL to ø1	G	G	R	R
2nd CL to ø1	G	G	R	R
PHASE 3	R	R	R	~~G~~
1st CL to ø1	R	R	R	Y
2nd CL to ø1	R	R	R	R
FLASH	Y	Y	Y	R

P PEDESTRIAN SIGNAL

PUSH BUTTON

BACK GUY

31171

Attachment S-60

Phase Times [1.1.1]

	1	2	3	4	5	6	7	8
Min Green	5	10	5	7	5	10	5	7
Gap, Ext	3		2	3	3		2	3
Max 1	27	60	25	35	27	60	25	35
Max 2								
Yel Clearance	4.3	5	4	5	4.3	5	4	5
Red Clearance	3	2	3	3	3	2	3	3
Walk		7		7		7		7
Ped Clearance		28		30		28		30
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								
Options [1.1.2]	1	2	3	4	5	6	7	8
Enable	ON	ON	ON	ON	ON	ON	ON	ON
Min Recall								
Max Recall		ON				ON		
Ped Recall								
Soft Recall								
Lock Calls	ON		ON	ON	ON		ON	ON
Auto Flash Entry								
Auto Flash Exit								
Dual Entry		ON		ON		ON		ON
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								
Options+ [1.1.3]	1	2	3	4	5	6	7	8
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay		4		4		4		4

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	180	106	1	1	13	0	0	13	1	25	0	0	0	1	37	0	0	0	1
2	140	137	2	1	14	0	0	14	1	26	0	0	0	1	38	0	0	0	1
3	170	128	3	1	15	0	0	15	1	27	0	0	0	1	39	0	0	0	1
4	120	63	4	1	16	0	0	16	1	28	0	0	0	1	40	0	0	0	1
5	0	0	5	1	17	0	0	17	1	29	0	0	0	1	41	0	0	0	1
6	0	0	6	1	18	0	0	18	1	30	0	0	0	1	42	0	0	0	1
7	0	0	7	1	19	0	0	19	1	31	0	0	0	1	43	0	0	0	1
8	0	0	8	1	20	0	0	20	1	32	0	0	0	1	44	0	0	0	1
9	180	0	9	1	21	0	0	21	1	33	0	0	0	1	45	0	0	0	1
10	180	0	10	1	22	0	0	22	1	34	0	0	0	1	46	0	0	0	1
11	0	0	11	1	23	0	0	23	1	35	0	0	0	1	47	0	0	0	1
12	0	0	12	1	24	0	0	24	1	36	0	0	0	1	48	0	0	0	1
Split		1	2	3	4	5	6	7	8	Split		1	2	3	4	5	6	7	8
1	Coor	34	65	39	42	34	65	39	42	13	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
2	Coor	32	44	26	38	32	44	26	38	14	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
3	Coor	34	60	34	42	34	60	34	42	15	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
4	Coor	24	40	22	34	24	40	22	34	16	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
5	Coor	0	0	0	0	0	0	0	0	17	Coor	0	0	0	0	0	0	0	0
	2	NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
6	Coor	0	0	0	0	0	0	0	0	18	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
7	Coor	0	0	0	0	0	0	0	0	19	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
8	Coor	0	0	0	0	0	0	0	0	20	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
9	Coor	34	65	39	42	34	65	39	42	21	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
10	Coor	34	65	39	42	34	65	39	42	22	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
11	Coor	0	0	0	0	0	0	0	0	23	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
12	Coor	0	0	0	0	0	0	0	0	24	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON

Page#	
1	8 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
1A&1B	16 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
2	Overlaps; Channel Settings; Coord Alt Table+ (values not associated with time-of-day)
3	Detection; Sample Time and Unit Parameters related to detection
4	Preemption and Alternate Phase Time and Phase Options
5	Annual Schedule
6	Day Plans; Action Tables; Coord Alt Table+ (values varied by time-of-day)
7	Communications; Secutiry; I/O Setup
8	Misc - Events/Alarms; Call/Inhibit/Redirect; P/OLAP Auto Flash; CIC; Misc Unit Param

3050

Loc 12

Ring/Startup [1.1.4]

Phs	Ring	Start	Enable
1	1	Red	ON
2	1	Green	ON
3	1	Red	ON
4	1	Red	ON
5	2	Red	ON
6	2	Green	ON
7	2	Red	ON
8	2	Red	ON

Coord Modes [2.1]

Test OpMode	0
Correction	SHRT/LNG
Maximum	MAX 1
Force-Off	FIXED
Closed Loop	ON
Stop-in-Walk	ON
Auto Reset	ON
Expand Splt	OFF
Ped Recycle	NO_RECYCLE
Before	TIMED
After	TIMED

Auto Flash [1.4.1]

Auto Flash	PH OVER
Flash Yel	45
Flash Red	20

Unit Params [1.2.1]

Phase Mode	STD8
IO Mode	User
Loc Flsh Start	Red
Start Flash(s)	0
Start AllRed(s)	6
Yellow < 3"	OFF
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	1
Auxswitch	STOPTM
SDLC Retry	0
TS2 Det Faults	ON
Auto Ped Clear	OFF
SDLC Retry	0

3050 Rt 24 @ Merrick Ave Sig # 103

03/27/23 **Page 1**

Times [1.1.1]	1	2	3	4	5	6	7	8
Min Green	5	10	5	7	5	10	5	7
Gap, Ext	3		2	3	3		2	3
Max 1	27	60	25	35	27	60	25	35
Max 2								
Yel Clearance	4.3	5	4	5	4.3	5	4	5
Red Clearance	3	2	3	3	3	2	3	3
Walk		7		7		7		7
Ped Clearance		28		30		28		30
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								
Options [1.1.2]	1	2	3	4	5	6	7	8
Enable	ON	ON	ON	ON	ON	ON	ON	ON
Min Recall								
Max Recall		ON				ON		
Ped Recall								
Soft Recall								
Lock Calls	ON		ON	ON	ON		ON	ON
Auto Flash Entry								
Auto Flash Exit								
Dual Entry		ON		ON		ON		ON
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								
Options+ [1.1.3]	1	2	3	4	5	6	7	8
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay	0	4	0	4	0	4	0	4

3050 Rt 24 @ Merrick Ave Sig # 103

Coord Patterns [2.4] and Split Tables [2.7.1]

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	180	106	1	1	13	0	0	13	1	25	0	0	0	1	37	0	0	0	1
2	140	137	2	1	14	0	0	14	1	26	0	0	0	1	38	0	0	0	1
3	170	128	3	1	15	0	0	15	1	27	0	0	0	1	39	0	0	0	1
4	120	63	4	1	16	0	0	16	1	28	0	0	0	1	40	0	0	0	1
5	0	0	5	1	17	0	0	17	1	29	0	0	0	1	41	0	0	0	1
6	0	0	6	1	18	0	0	18	1	30	0	0	0	1	42	0	0	0	1
7	0	0	7	1	19	0	0	19	1	31	0	0	0	1	43	0	0	0	1
8	0	0	8	1	20	0	0	20	1	32	0	0	0	1	44	0	0	0	1
9	180	0	9	1	21	0	0	21	1	33	0	0	0	1	45	0	0	0	1
10	180	0	10	1	22	0	0	22	1	34	0	0	0	1	46	0	0	0	1
11	0	0	11	1	23	0	0	23	1	35	0	0	0	1	47	0	0	0	1
12	0	0	12	1	24	0	0	24	1	36	0	0	0	1	48	0	0	0	1

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Coor	34	65	39	42	34	65	39	42	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
2	Coor	32	44	26	38	32	44	26	38	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
3	Coor	34	60	34	42	34	60	34	42	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
4	Coor	24	40	22	34	24	40	22	34	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
5	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
6	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
7	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
8	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
9	Coor	34	65	39	42	34	65	39	42	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
10	Coor	34	65	39	42	34	65	39	42	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
11	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
12	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
13	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
14	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
15	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
16	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

User Phase Mode

Phase>8 or Rings > 2

Coord Modes [2.1]	
Test OpMode	0
Correction	SHRT/LNG
Maximum	MAX 1
Force-Off	FIXED
Closed Loop	ON
Stop-in-Walk	ON
Auto Reset	ON
Expand Splt	OFF
Ped Recycle	NO_RECYCLE
Before	TIMED
After	TIMED
Auto Flash [1.4.1]	
Auto Flash	PH OVER
Flash Yel	45
Flash Red	20
Unit Params [1.2.1]	
Phase Mode	STD8
IO Mode	User
Loc Flsh Start	Red
Start Flash(s)	0
Start AllRed(s)	6
Yellow < 3"	OFF
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	1
Auxswitch	STOPTM
SDLC RetryTm	0
TS2 Det Faults	ON
Auto Ped Clear	OFF

<- Mode NON is Blank

03/27/23 **Page 1A**

Times [1.1.1]	9	10	11	12	13	14	15	16
Min Green								
Gap, Ext								
Max 1								
Max 2								
Yel Clearance	3	4	3	4	3	4	3	4
Red Clearance	2	2	2	2	2	2	2	2
Walk								
Ped Clearance								
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								

Options [1.1.2]	9	10	11	12	13	14	15	16
Enable								
Min Recall								
Max Recall								
Ped Recall								
Soft Recall								
Lock Calls								
Auto Flash Entry								
Auto Flash Exit								
Dual Entry								
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								

Options+ [1.1.3]	9	10	11	12	13	14	15	16
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay								

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1] — Ring/Startup [1.1.4]

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Phs	Ring	Start
17	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	2	1	Green
18	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	4	1	Red
19	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	6	2	Green
20	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	2	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	8	2	Red
21	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	10		Red
22	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	12		Red
23	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	14		Red
24	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	16		Red

Concurrency [1.1.4]

Phs	Concurrent Phases										Phs	Concurrent Phases								
1	5	6	0	0	0	0	0	0			9	0	0	0	0	0	0	0	0	
2	5	6	0	0	0	0	0	0			10	0	0	0	0	0	0	0	0	
3	7	8	0	0	0	0	0	0			11	0	0	0	0	0	0	0	0	
4	7	8	0	0	0	0	0	0			12	0	0	0	0	0	0	0	0	
5	1	2	0	0	0	0	0	0			13	0	0	0	0	0	0	0	0	
6	1	2	0	0	0	0	0	0			14	0	0	0	0	0	0	0	0	
7	3	4	0	0	0	0	0	0			15	0	0	0	0	0	0	0	0	
8	3	4	0	0	0	0	0	0			16	0	0	0	0	0	0	0	0	

Note: Expanded Splits are not used because "Expanded Splits" is OFF

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	0	0	1	1	25	0	0	0	1
2	0	0	2	1	26	0	0	0	1
3	0	0	3	1	27	0	0	0	1
4	0	0	4	1	28	0	0	0	1
5	0	0	5	1	29	0	0	0	1
6	0	0	6	1	30	0	0	0	1
7	0	0	7	1	31	0	0	0	1
8	0	0	8	1	32	0	0	0	1
9	0	0	9	1	33	0	0	0	1
10	0	0	10	1	34	0	0	0	1
11	0	0	11	1	35	0	0	0	1
12	0	0	12	1	36	0	0	0	1
13	0	0	13	1	37	0	0	0	1
14	0	0	14	1	38	0	0	0	1
15	0	0	15	1	39	0	0	0	1
16	0	0	16	1	40	0	0	0	1
17	0	0	17	1	41	0	0	0	1
18	0	0	18	1	42	0	0	0	1
19	0	0	19	1	43	0	0	0	1
20	0	0	20	1	44	0	0	0	1
21	0	0	21	1	45	0	0	0	1
22	0	0	22	1	46	0	0	0	1
23	0	0	23	1	47	0	0	0	1
24	0	0	24	1	48	0	0	0	1

Expanded Splits	**OFF**

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

24	Coord	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON
		0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
2	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
3	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
4	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
5	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
6	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
7	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
8	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
9	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
10	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
11	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
12	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
13	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
14	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
15	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
16	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
17	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
18	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
19	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
20	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
21	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
22	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
23	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

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Overlap 1-16 Program Parms & Parm+ [1.5.2.1] [1.5.2.2]

Overlap Conflict Lock	OFF	Overlap Lock Inhibit	OFF	Parent Ph Clearance	OFF	Extra Included Ph	ON

	Included Ø	5	8							Type	#NAME?		Included Ø									Type	NORMAL
1	Modifier Ø	8								Grn		9	Modifier Ø									Grn	
	Conflict Ø									Yel	4.3		Conflict Ø									Yel	3.5
A	Conflict Olap									Red	3	I	Conflict Olap									Red	1.5
	Conflict Ped									LG			Conflict Ped									LG	
	Included Ø	2	7							Type	#NAME?		Included Ø									Type	NORMAL
2	Modifier Ø	2								Grn		10	Modifier Ø									Grn	
	Conflict Ø									Yel	5		Conflict Ø									Yel	3.5
B	Conflict Olap									Red	2	J	Conflict Olap									Red	1.5
	Conflict Ped									LG			Conflict Ped									LG	
	Included Ø	6	3							Type	#NAME?		Included Ø									Type	NORMAL
3	Modifier Ø	6								Grn		11	Modifier Ø									Grn	
	Conflict Ø									Yel	5		Conflict Ø									Yel	3.5
C	Conflict Olap									Red	2	K	Conflict Olap									Red	1.5
	Conflict Ped									LG			Conflict Ped									LG	
	Included Ø									Type	NORMAL		Included Ø									Type	NORMAL
4	Modifier Ø									Grn		12	Modifier Ø									Grn	
	Conflict Ø									Yel	3.5		Conflict Ø									Yel	3.5
D	Conflict Olap									Red	1.5	L	Conflict Olap									Red	1.5
	Conflict Ped									LG			Conflict Ped									LG	
	Included Ø									Type	NORMAL		Included Ø									Type	NORMAL
5	Modifier Ø									Grn		13	Modifier Ø									Grn	
	Conflict Ø									Yel	3.5		Conflict Ø									Yel	3.5
E	Conflict Olap									Red	1.5	M	Conflict Olap									Red	1.5
	Conflict Ped									LG			Conflict Ped									LG	
	Included Ø									Type	NORMAL		Included Ø									Type	NORMAL
6	Modifier Ø									Grn		14	Modifier Ø									Grn	
	Conflict Ø									Yel	3.5		Conflict Ø									Yel	3.5
F	Conflict Olap									Red	1.5	N	Conflict Olap									Red	1.5
	Conflict Ped									LG			Conflict Ped									LG	
	Included Ø									Type	NORMAL		Included Ø									Type	NORMAL
7	Modifier Ø									Grn		15	Modifier Ø									Grn	
	Conflict Ø									Yel	3.5		Conflict Ø									Yel	3.5
G	Conflict Olap									Red	1.5	O	Conflict Olap									Red	1.5
	Conflict Ped									LG			Conflict Ped									LG	
	Included Ø									Type	NORMAL		Included Ø									Type	NORMAL
8	Modifier Ø									Grn		16	Modifier Ø									Grn	
	Conflict Ø									Yel	3.5		Conflict Ø									Yel	3.5
H	Conflict Olap									Red	1.5	P	Conflict Olap									Red	1.5
	Conflict Ped									LG			Conflict Ped									LG	

Channel Settings [1.8.1]

.....Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Phase / Olap #	1	6	2	7	8	4	3	1	2	5	8	2	4	6	3									
Channel Type	VEH	VEH	VEH	VEH	VEH	VEH	VEH	OLP	OLP	VEH	PED	PED	PED	PED	OLP	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Channel Flash	Red	YEL	YEL	Red	Red	Red	Red	DRK	DRK	Red	DRK	DRK	DRK	DRK	DRK	Red	DRK	DRK	DRK	DRK	DRK	DRK	DRK	DRK
Alt Hz																								

Channel+ Settings [1.8.4]

.....Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Flash Red+																								
Flash Yellow+																								
Flash Green+																								
Flash Inh Red+																								
Olap Ovrd																								

Coord Transition, CoorPhs [2.5]

Pat#	Short	Long	Dwell	No Shortway Ø				E-Yld	Offset	RetHld	Float	Min Veh Perm	Min Ped Perm
1	12	22							EndGRN				
2	12	22							EndGRN				
3	12	22							EndGRN				
4	12	22							EndGRN				
5	12	22							EndGRN				
6	12	22							EndGRN				
7	12	22							EndGRN				
8	12	22							EndGRN				
9	12	22							EndGRN				
10	12	22							EndGRN				
11	12	22							EndGRN				
12	12	22							EndGRN				
13	12	22							EndGRN				
14	12	22							EndGRN				
15	12	22							EndGRN				
16	12	22							EndGRN				
17	12	22							EndGRN				
18	12	22							EndGRN				
19	12	22							EndGRN				
20	12	22							EndGRN				
21	12	22							EndGRN				
22	12	22							EndGRN				
23	12	22							EndGRN				
24	12	22							EndGRN				
25									BegGRN				
26									BegGRN				
27									BegGRN				
28									BegGRN				
29									BegGRN				
30									BegGRN				
31									BegGRN				
32									BegGRN				
33									BegGRN				
34									BegGRN				
35									BegGRN				
36									BegGRN				
37									BegGRN				
38									BegGRN				
39									BegGRN				
40									BegGRN				
41									BegGRN				
42									BegGRN				
43									BegGRN				
44									BegGRN				
45									BegGRN				
46									BegGRN				
47									BegGRN				
48									BegGRN				

Channel Params[1.8.3]

C1 IO Mode	User	Single BIU Map	SINGLE	Invert Rail Input	OFF

Veh Par 1-64 [5.1]

Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time
1	1						45	50	255
2	3						45	50	255
3	3						45	50	255
4	4						45	50	255
5	4						45	50	255
6	5						45	50	255
7	7						45	50	255
8	7						45	50	255
9	8						45	50	255
10	8						45	50	255
11	8						45	50	255
12							45	50	255
13							45	50	255
14							45	50	255
15							45	50	255
16							45	50	255
17							45	50	255
18							45	50	255
19							45	50	255
20							45	50	255
21							45	50	255
22							45	50	255
23							45	50	255
24							45	50	255
25							45	50	255
26							45	50	255
27							45	50	255
28							45	50	255
29							45	50	
30							45	50	
31							45	50	
32							45	50	

Veh Par 1-64 [5.1]

Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time
33							45	50	
34							45	50	
35							45	50	
36							45	50	
37							45	50	
38							45	50	
39							45	50	
40							45	50	
41							45	50	
42							45	50	
43							45	50	
44							45	50	
45							45	50	
46							45	50	
47							45	50	
48							45	50	
49							45	50	
50							45	50	
51							45	50	
52							45	50	
53							45	50	
54							45	50	
55							45	50	
56							45	50	
57							45	50	
58							45	50	
59							45	50	
60							45	50	
61							45	50	
62							45	50	
63							45	50	
64							45	50	

Vehicle Options 1-64 [5.2]

Det #	Call	Ext	Que	Add Init	Red Lock	Yell Lock	occ	vol
1	ON	ON		ON				
2	ON	ON		ON				
3	ON	ON		ON				
4	ON	ON		ON				
5	ON	ON		ON				
6	ON	ON		ON				
7	ON	ON		ON				
8	ON	ON		ON				
9	ON	ON		ON				
10	ON	ON		ON				
11	ON	ON		ON				
12	ON	ON		ON				
13	ON	ON		ON				
14	ON	ON		ON				
15	ON	ON		ON				
16	ON	ON		ON				
17	ON	ON		ON				
18	ON	ON		ON				
19	ON	ON		ON				
20	ON	ON		ON				
21	ON	ON		ON				
22	ON	ON		ON				
23	ON	ON		ON				
24	ON	ON		ON				
25	ON	ON		ON				
26	ON	ON		ON				
27	ON	ON		ON				
28	ON	ON		ON				
29	ON	ON		ON				
30	ON	ON		ON				
31	ON	ON		ON				
32	ON	ON		ON				

Vehicle Options 1-64 [5.2]

Det #	Call	Ext	Que	Add AddInit	Red Lock	Yell Lock	occ	vol
33	ON	ON		ON				
34	ON	ON		ON				
35	ON	ON		ON				
36	ON	ON		ON				
37	ON	ON		ON				
38	ON	ON		ON				
39	ON	ON		ON				
40	ON	ON		ON				
41	ON	ON		ON				
42	ON	ON		ON				
43	ON	ON		ON				
44	ON	ON		ON				
45	ON	ON		ON				
46	ON	ON		ON				
47	ON	ON		ON				
48	ON	ON		ON				
49	ON	ON		ON				
50	ON	ON		ON				
51	ON	ON		ON				
52	ON	ON		ON				
53	ON	ON		ON				
54	ON	ON		ON				
55	ON	ON		ON				
56	ON	ON		ON				
57	ON	ON		ON				
58	ON	ON		ON				
59	ON	ON		ON				
60	ON	ON		ON				
61	ON	ON		ON				
62	ON	ON		ON				
63	ON	ON		ON				
64	ON	ON		ON				

Parameters+ 1-64 [5.3]

Det #	oc G	oc Y	oc R	Dlay 1	Dlay 2	Type	Src
1						NORM	
2						NORM	
3						NORM	
4						NORM	
5						NORM	
6						NORM	
7						NORM	
8						NORM	
9						NORM	
10						NORM	
11						NORM	
12						NORM	
13						NORM	
14						NORM	
15						NORM	
16						NORM	
17						NORM	
18						NORM	
19						NORM	
20						NORM	
21						NORM	
22						NORM	
23						NORM	
24						NORM	
25						NORM	
26						NORM	
27						NORM	
28						NORM	
29						NORM	
30						NORM	
31						NORM	
32						NORM	

Parameters+ 1-64 [5.3]

Det #	occ Grn	occ Yell	occ Red	Dlay 1	Dlay 2	Type	Src
33						NORM	
34						NORM	
35						NORM	
36						NORM	
37						NORM	
38						NORM	
39						NORM	
40						NORM	
41						NORM	
42						NORM	
43						NORM	
44						NORM	
45						NORM	
46						NORM	
47						NORM	
48						NORM	
49						NORM	
50						NORM	
51						NORM	
52						NORM	
53						NORM	
54						NORM	
55						NORM	
56						NORM	
57						NORM	
58						NORM	
59						NORM	
60						NORM	
61						NORM	
62						NORM	
63						NORM	
64						NORM	

Ped Det Parms [5.4]

Det #	Call Ø	No Act	Max Pres	Err Cnt
1	2		15	
2	4		15	
3	6		15	
4	8		15	
5			15	
6			15	
7			15	
8			15	

Unit Paramters [1.2.1]

TS2 Det Faults	ON
Vol/Occ Report Parm [1.5.8]	
Vol/Occ Period Minutes	0
Vol/Occ Period Minutes	15

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Preemption Times [3.1], Options+ [3.6]

Pre #	Enable	Type	Output	Delay	MinDura
1	ON	RAIL	Dwell		15
2	ON	RAIL	Dwell		15
3	ON	EMERG	Dwell		5
4	ON	EMERG	Dwell		5
5	ON	EMERG	Dwell		5
6	ON	EMERG	Dwell		5
Pre #	MaxPres	MinGrn	MinWlk	PedClr	Co+Pre
1	180	3			ON
2	180	3			ON
3	180	3		30	ON
4	180	3		30	ON
5	180	3		30	ON
6	180	3		30	ON
Pre #	Track Grn	Min Dwell	Ext Dwell	PedClr+	Yel
1		2			
2		2			
3		2			
4		2			
5		2			
6		2			

Pre #	Red	Pattern	Skip
1			OFF
2			OFF
3			OFF
4			OFF
5			OFF
6			OFF

Low Priority Preempts

Pre #	Type	Min	Max
7	OFF		
8	OFF		
9	OFF		
10	OFF		

Unit Parameters [1.2.1]

Stop Timer Over Preempt	OFF
Preempt or Ext Output	PRE
Max Seek Track Time	
Max Seek Dwell Time	

Channel Parameters [1.8.3]

D Conn Mappings	None
Pre Invert Rail Input	OFF

Track Clear Phases [3.2], Track Clear Overlaps+ [3.5]

Pre #	Track Phases				Track Overlaps											
1																
2																
3																
4																
5																
6																

Dwell Phases [3.2] and Overlaps+ [3.5]

Pre #													
1	Phases												
	Overlap												
	Peds												
2	Phases												
	Overlap												
	Peds												
3	Phases	2	5										
	Overlap												
	Peds												
4	Phases	1	6										
	Overlap												
	Peds												
5	Phases	3	8										
	Overlap												
	Peds												
6	Phases	4	7										
	Overlap												
	Peds												

Exit Phases [3.2]

Pre #	Exit Phase			
1				
2				
3				
4				
5				
6				

Preemption Options+ [3.6]

Pre #	Lock	Override Auto Flsh	Override Higher	Flsh Dwell	Link
1	ON	ON	ON	OFF	
2	ON	ON	ON	OFF	
3	ON	ON	ON	OFF	
4	ON	ON	ON	OFF	
5	ON	ON	ON	OFF	
6	ON	ON	ON	OFF	

Alt# 1 Times Table [1.1.6.1.2]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 2 Times Table [1.1.6.1.2]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 3 Times Table [1.1.6.1.3]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 1 Options Table [1.1.6.2.1]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 1 Veh Parameters [5.5.1.1]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Swiitch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 1 Veh Options [5.5.1.2]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 1 Veh Parameters+ [5.5.1.3]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 1 Ped Parameters+ [5.5.1.4]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Alt# 2 Options Table [1.1.6.2.2]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 3 Options Table [1.1.6.2.3]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 4 Options Table [1.1.6.2.4]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 2 Veh Parameters [5.5.2.1]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Swiitch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 2 Veh Options [5.5.2.2]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 2 Veh Parameters+ [5.5.2.3]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 2 Ped Parameters+ [5.5.2.4]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Annual Schedule [4.3] Month of Year Day of Week Date Day Plan Link To

	Month of Year												Day of Week							Date																											Day Plan	Link To
1	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON		ON	ON	ON	ON	ON		ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	1	
2	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON						ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	2	
3	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON								ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	1	
4	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
5	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
6	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
7	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
8	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
9	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
10	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
11	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
12	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
13	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
14	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
15	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
16	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
17	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
18	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
19	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
20	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
21	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
22	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
23	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
24	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	

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Day Plans [4.4]

Day Plan 1				Day Plan 2				Day Plan 3			
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act
1	0	0	4	9	0	0	0	1	0	0	4
2	6	0	1	10	0	0	0	2	7	0	2
3	9	30	2	11	0	0	0	3	21	0	4
4	15	0	3	12	0	0	0	4	0	0	0
5	19	30	2	13	0	0	0	5	0	0	0
6	21	0	4	14	0	0	0	6	0	0	0
7	0	0	0	15	0	0	0	7	0	0	0
8	0	0	0	16	0	0	0	8	0	0	0

Day Plan 4				Day Plan 5				Day Plan 6			
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0	1	0	0	0
2	0	0	0	10	0	0	0	2	0	0	0
3	0	0	0	11	0	0	0	3	0	0	0
4	0	0	0	12	0	0	0	4	0	0	0
5	0	0	0	13	0	0	0	5	0	0	0
6	0	0	0	14	0	0	0	6	0	0	0
7	0	0	0	15	0	0	0	7	0	0	0
8	0	0	0	16	0	0	0	8	0	0	0

Day Plan 7				Day Plan 8				Day Plan 9			
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0	1	0	0	4
2	0	0	0	10	0	0	0	2	4	0	9
3	0	0	0	11	0	0	0	3	12	0	10
4	0	0	0	12	0	0	0	4	22	0	4
5	0	0	0	13	0	0	0	5	0	0	0
6	0	0	0	14	0	0	0	6	0	0	0
7	0	0	0	15	0	0	0	7	0	0	0
8	0	0	0	16	0	0	0	8	0	0	0

Day Plan 10				Day Plan 11				Day Plan 12			
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0	1	0	0	0
2	0	0	0	10	0	0	0	2	0	0	0
3	0	0	0	11	0	0	0	3	0	0	0
4	0	0	0	12	0	0	0	4	0	0	0
5	0	0	0	13	0	0	0	5	0	0	0
6	0	0	0	14	0	0	0	6	0	0	0
7	0	0	0	15	0	0	0	7	0	0	0
8	0	0	0	16	0	0	0	8	0	0	0

Day Plan 13				Day Plan 14				Day Plan 15			
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0	1	0	0	0
2	0	0	0	10	0	0	0	2	0	0	0
3	0	0	0	11	0	0	0	3	0	0	0
4	0	0	0	12	0	0	0	4	0	0	0
5	0	0	0	13	0	0	0	5	0	0	0
6	0	0	0	14	0	0	0	6	0	0	0
7	0	0	0	15	0	0	0	7	0	0	0
8	0	0	0	16	0	0	0	8	0	0	0

Action Table [4.5]

Act#	Pat#	A1	A2	A3	S1	S2	S3	S4	S5	S6	S7	S8
1	1											
2	2											
3	3											
4	4											
5	5											
6	6											
7	7											
8	8											
9	9											
10	10											
11	11											
12	12											
13	13											
14	14											
15	15											
16	16											
17	17											
18	18											
19	19											
20	20											
21	21											
22	22											
23	23											
24	24											
25												
26												
27												
28												
29												
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
41												
42	48											
43												
44	98											
45	99											
46	100	255										
47												
48												

Coord Alternate Tables - Pat+ [2.6]

Pat#	ØOpt	ØTime	DetG	Call Inh	CIC	CNA1	Overlap Off 1	2	3	4	5	6	7	8	Dia	Max2
1															DFT	
2															DFT	
3															DFT	
4															DFT	
5															DFT	
6															DFT	
7															DFT	
8															DFT	
9															DFT	
10															DFT	
11															DFT	
12															DFT	
13															DFT	
14															DFT	
15															DFT	
16															DFT	
17															DFT	
18															DFT	
19															DFT	
20															DFT	
21															DFT	
22															DFT	
23															DFT	
24															DFT	
25															DFT	
26															DFT	
27															DFT	
28															DFT	
29															DFT	
30															DFT	
31															DFT	
32															DFT	
33															DFT	
34															DFT	
35															DFT	
36															DFT	
37															DFT	
38															DFT	
39															DFT	
40															DFT	
41															DFT	
42															DFT	
43															DFT	
44															DFT	
45															DFT	
46															DFT	
47															DFT	
48															DFT	

C1-USER IO Map [1.8.9.1 In]

I1-1	1	Veh Call 1
I1-2	2	Veh Call 2
I1-3	3	Veh Call 3
I1-4	4	Veh Call 4
I1-5	5	Veh Call 5
I1-6	6	Veh Call 6
I1-7	7	Veh Call 7
I1-8	8	Veh Call 8
I2-1	9	Veh Call 9
I2-2	10	Veh Call 10
I2-3	11	Veh Call 11
I2-4	12	Veh Call 12
I2-5	13	Veh Call 13
I2-6	14	Veh Call 14
I2-7	129	Ped Call 1
I2-8	130	Ped Call 2
I3-1	131	Ped Call 3
I3-2	132	Ped Call 4
I3-3	19	Veh Call 19
I3-4	20	Veh Call 20
I3-5	21	Veh Call 21
I3-6	22	Veh Call 22
I3-7	23	Veh Call 23
I3-8	24	Veh Call 24
I4-1	189	Unused
I4-2	189	Unused
I4-3	189	Unused
I4-4	189	Unused
I4-5	189	Unused
I4-6	189	Unused
I4-7	229	33xCMUStop
I4-8	228	33xFlashSns
I5-1	202	Pre 5 In
I5-2	203	Pre 6 In
I5-3	200	Pre 3 In
I5-4	201	Pre 4 In
I5-5	189	Unused
I5-6	189	Unused
I5-7	189	Unused
I5-8	189	Unused
I6-1	189	Unused
I6-2	189	Unused
I6-3	189	Unused
I6-4	189	Unused
I6-5	189	Unused
I6-6	189	Unused
I6-7	189	Unused
I6-8	189	Unused

C1-USER IO Map [1.8.9.2 Out]

O1-1	1	Ch1 Red
O1-2	49	Ch1 Green
O1-3	2	Ch2 Red
O1-4	26	Ch2 Yellow
O1-5	50	Ch2 Green
O1-6	3	Ch3 Red
O1-7	27	Ch3 Yellow
O1-8	51	Ch3 Green
O2-1	4	Ch4 Red
O2-2	52	Ch4 Green
O2-3	5	Ch5 Red
O2-4	29	Ch5 Yellow
O2-5	53	Ch5 Green
O2-6	6	Ch6 Red
O2-7	30	Ch6 Yellow
O2-8	54	Ch6 Green
O3-1	7	Ch7 Red
O3-2	55	Ch7 Green
O3-3	8	Ch8 Red
O3-4	32	Ch8 Yellow
O3-5	56	Ch8 Green
O3-6	9	Ch9 Red
O3-7	33	Ch9 Yellow
O3-8	57	Ch9 Green
O4-1	10	Ch10 Red
O4-2	58	Ch10 Green
O4-3	11	Ch11 Red
O4-4	35	Ch11 Yellow
O4-5	59	Ch11 Green
O4-6	12	Ch12 Red
O4-7	36	Ch12 Yellow
O4-8	60	Ch12 Green
O5-1	28	Ch4 Yellow
O5-2	34	Ch10 Yellow
O5-3	25	Ch1 Yellow
O5-4	31	Ch7 Yellow
O5-5	39	Ch15 Yellow
O5-6	63	Ch15 Green
O5-7	115	Not Used
O5-8	114	Watchdog
O6-1	115	Not Used
O6-2	115	Not Used
O6-3	13	Ch13 Red
O6-4	37	Ch13 Yellow
O6-5	61	Ch13 Green
O6-6	14	Ch14 Red
O6-7	38	Ch14 Yellow
O6-8	62	Ch14 Green

C1-USER IO Map [1.8.9.2 Out]

O7-1	40	Ch16 Yellow
O7-2	16	Ch16 Red
O7-3	64	Ch16 Green
O7-4	115	Not Used
O7-5	115	Not Used
O7-6	115	Not Used
O7-7	115	Not Used
O7-8	15	Ch15 Red

C11S-USER IO Map [1.8.9.1 In]

I4-1		
I4-2		
I4-3		
I4-4		
I7-1	189	Unused
I7-2	189	Unused
I7-3	189	Unused
I7-4	189	Unused
I7-5	189	Unused
I7-6	189	Unused
I7-7	189	Unused
I7-8	189	Unused
I8-1	189	Unused
I8-2	189	Unused
I8-3	189	Unused
I8-4	189	Unused
I8-5	189	Unused
I8-6	189	Unused
I8-7	189	Unused
I8-8	189	Unused

C11S-USER IO Map [1.8.9.2 Out]

O8-1	115	Not Used
O8-2	115	Not Used
O8-3	115	Not Used
O8-4	115	Not Used
O8-5	115	Not Used
O8-6	115	Not Used
O8-7	115	Not Used
O8-8	115	Not Used

IO Logic [1.8.7]

Op1	Result		O1Fcn	Inv1	IO1	Opn1	O2Fcn	Inv2	IO2	Opn2	O3Fcn	Inv3	IO3	Opn3	Dly	Sec
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0

Security Access Levels [8.2]

1	SWLOAD	22	None	43	None
2	SECURE	23	None	44	None
3	None	24	None	45	None
4	None	25	None	46	None
5	None	26	None	47	None
6	None	27	None	48	None
7	None	28	None	49	None
8	None	29	None	50	None
9	None	30	None	51	None
10	None	31	None	52	None
11	None	32	None	53	None
12	None	33	None	54	None
13	None	34	None	55	None
14	None	35	None	56	None
15	None	36	None	57	None
16	None	37	None	58	None
17	None	38	None	59	None
18	None	39	None	60	None
19	None	40	None	61	None
20	None	41	None	62	None
21	None	42	None	63	None
				64	None

Com Parameters [6.1]

Station ID	3050
Group ID	
Master ID	0
Backup Time	0

SysUp Modem [6.1]

Enable Modem	OFF
Idle Time	0
Dial Time	0
Tel:	
Alt:	

2070 Port Parms [6.2]

Port	Baud Rate	FCM
SP1	9600	MODE 6
SP2	9600	MODE 6
SP3	19200	MODE 6
SP4	38400	MODE 6
SP5	1200	AUTO
SP6	1200	AUTO
SP7	1200	AUTO
SP8	1200	AUTO

2070 IP 1 Addressing [6.5]

	Addressing			
Addr	0	0	0	0
Mask	0	0	0	0
Brdcst	0	0	0	0
GtWay	0	0	0	0
Port	0			

2070 IP 2 Addressing [6.5]

	Addressing			
Addr	0	0	0	0
Mask	0	0	0	0
Brdcst	0	0	0	0
GtWay	0	0	0	0
Port	0			

2070 Port Binding Ports [6.6]

	Port	Echo	Mode
ASYNC1	SP1	OFF	0
ASYNC2	SP2	OFF	0
ASYNC3	SP3	OFF	0
ASYNC4	SP4	OFF	0
SYNC1	SP5S	SYNC3	OFF
SYNC2	OFF	SYNC4	OFF

2070 Port Binding Functions [6.6]

Function	Channel	Function	Channel
TS2/CVM	None	SYSUp	ASYNC2
CMU/MMU	None	SYSDown	ASYNC1
Opticom	None	Shell	None
Loop Det.	None		
GPS	-		

#	Event / Alarm	Ev	Alr
1	Power Up Alarm.	ON	
2	Stop Timing	ON	ON
3	TS1 Cabinet Door	ON	ON
4	Coordination Failure	ON	ON
5	External Alarm # 1		
6	External Alarm # 2		
7	External Alarm # 3		
8	External Alarm # 4		
9	Closed Loop Disabled		
10	External Alarm # 5		
11	External Alarm # 6		
12	Manual Control Enable	ON	
13	Coord Free Input	ON	
14	Local Flash Input	ON	
15	MMU Flash	ON	
16	CMU Flash	ON	
17	Cycle Fault	ON	
18	Cycle Failure	ON	
19	Coordination Fault	ON	
20	Controller Fault	ON	
21	Detector SDLC Failure	ON	
22	MMU SDLC Failure	ON	
23	Critical SDLC Failure	ON	
24	Reserved	ON	
25	EEPROM CRC Fault	ON	
26	Detector Diagnostic Failur	ON	ON
27	BIU Detector Failure	ON	
32	Queue detector alarm	ON	
29	Ped Detector Fault	ON	ON
30	Coord Diagnostic Fault	ON	ON
41	TempAlert Probe Ch. A		
42	TempAlert Probe Ch. B		
47	Coord Active	ON	ON
48	Preempt Active	ON	ON
49	Preempt 1 Input	ON	
50	Preempt 2 Input	ON	
51	Preempt 3 Input	ON	
52	Preempt 4 Input	ON	
53	Preempt 5 Input	ON	
54	Preempt 6 Input	ON	
55	Preempt 7 Input	ON	
56	Preempt 8 Input	ON	
57	Preempt 9 Input	ON	
58	Preempt 10 Input	ON	
61	In Transition		
81	FIO Status Alarm		

Call Phases[1.1.5]

Ø	Ø	Phases Called By Ø			
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

Redirect Phases[1.1.5]

	From	To	From	To	From	To	From	To
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

Inhibit Phases[1.1.5]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																

Alt Call & Redirect # 1 [1.1.6.3]

Col	Ø	Phases Called By Ø					From	To	From	To	From	To	From	To	From	To
1						1										
2						2										
3						3										
4						4										
5						5										
6						6										
7						7										
8						8										

Alt Inhibit Phases # 1 [1.1.6.3]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																

Alt Call & Redirect # 2 [1.1.6.3]

Col	Ø	Phases Called By Ø					From	To	From	To	From	To	From	To	From	To
1						1										
2						2										
3						3										
4						4										
5						5										
6						6										
7						7										
8						8										

Alt Inhibit Phases # 2 [1.1.6.3]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																

Coord, CIC Plans [2.3]

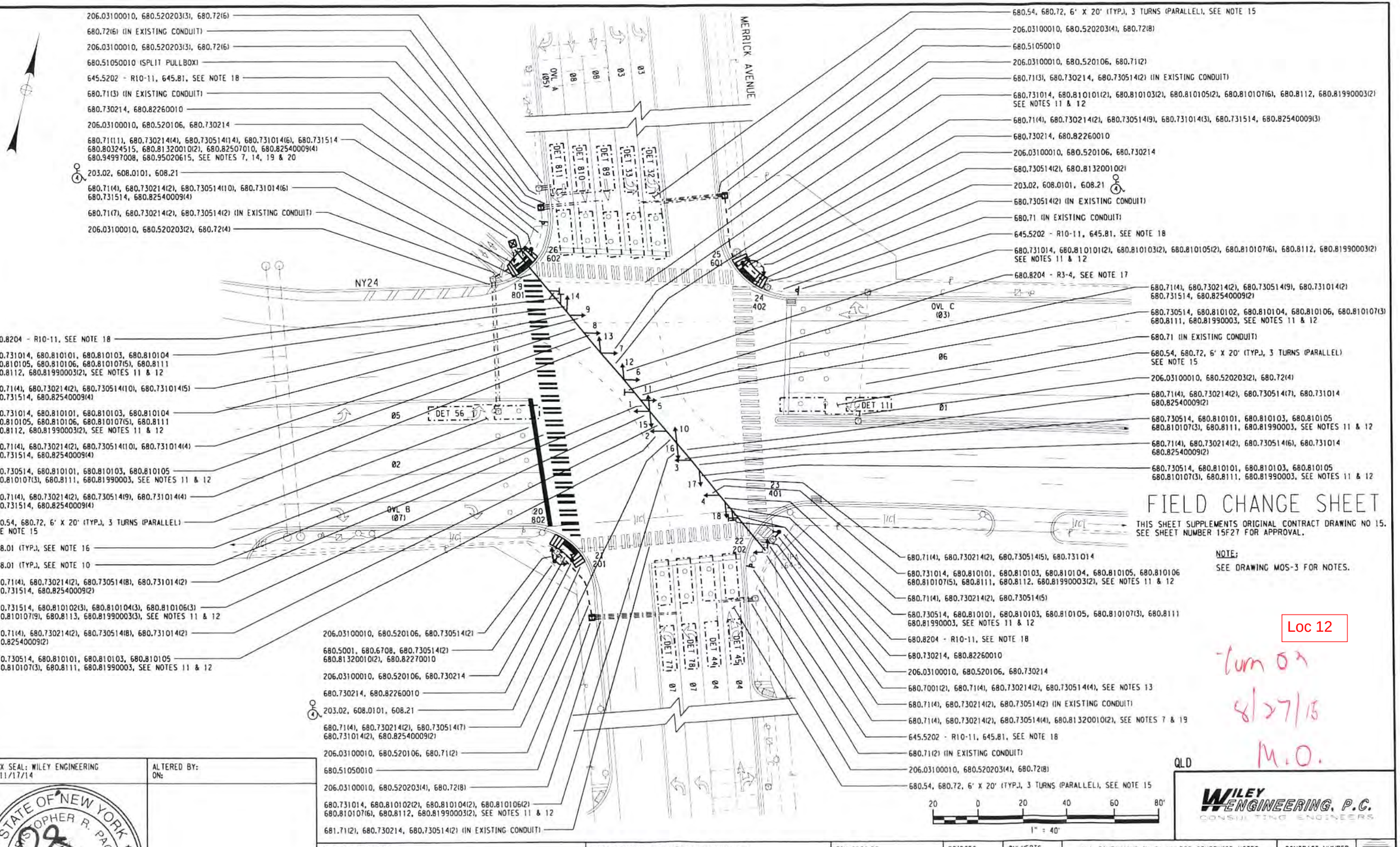
CIC	CoØ	Grow	1	2	3	4	5	6	7	8
1	OFF									
2	OFF									
3	OFF									
4	OFF									

Auto Flash Phase/Olap Settings [1.4.2]

Yel Ø								
Yel (olaps)								

Unit Parameters [1.2.1]

Allow Skip Yellow	OFF	Max Cycle Time	
TOD Dim Enable	OFF	Cycle Fault Action	Alarm
Tone Disable	OFF		
Diamond Mode	4Ph		
Backup Time (s)	900		
Disable Init Ped	OFF		
Cycle Fault Action	Alarm		
Enable Run Timer	ON		



FIELD CHANGE SHEET

THIS SHEET SUPPLEMENTS ORIGINAL CONTRACT DRAWING NO 15.
SEE SHEET NUMBER 15F27 FOR APPROVAL.

NOTE:
SEE DRAWING MOS-3 FOR NOTES.

Loc 12

Turn on
8/27/15
M.O.

QLD

WILEY ENGINEERING, P.C.
CONSULTING ENGINEERS

AFFIX SEAL: WILEY ENGINEERING
ON: 11/17/14

ALTERED BY:
ON:

STATE OF NEW YORK
CHRISTOPHER R. PAGGI
LICENSED PROFESSIONAL ENGINEER
084055

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

TRAFFIC SIGNAL REQUIREMENTS CONTRACT 33
VARIOUS LOCATIONS
NASSAU & SUFFOLK COUNTIES
PACKAGE 2
COUNTY: NASSAU

PIN 0809.28
PS&E DATE

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

TRAFFIC SIGNAL PLAN
NY24 AT MERRICK AVENUE
EAST MEADOW, NASSAU COUNTY
SIGNAL NO. 103

CONTRACT NUMBER
D262580

DRAWING NO. TSP-6
SHEET NO. 15F31

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 10

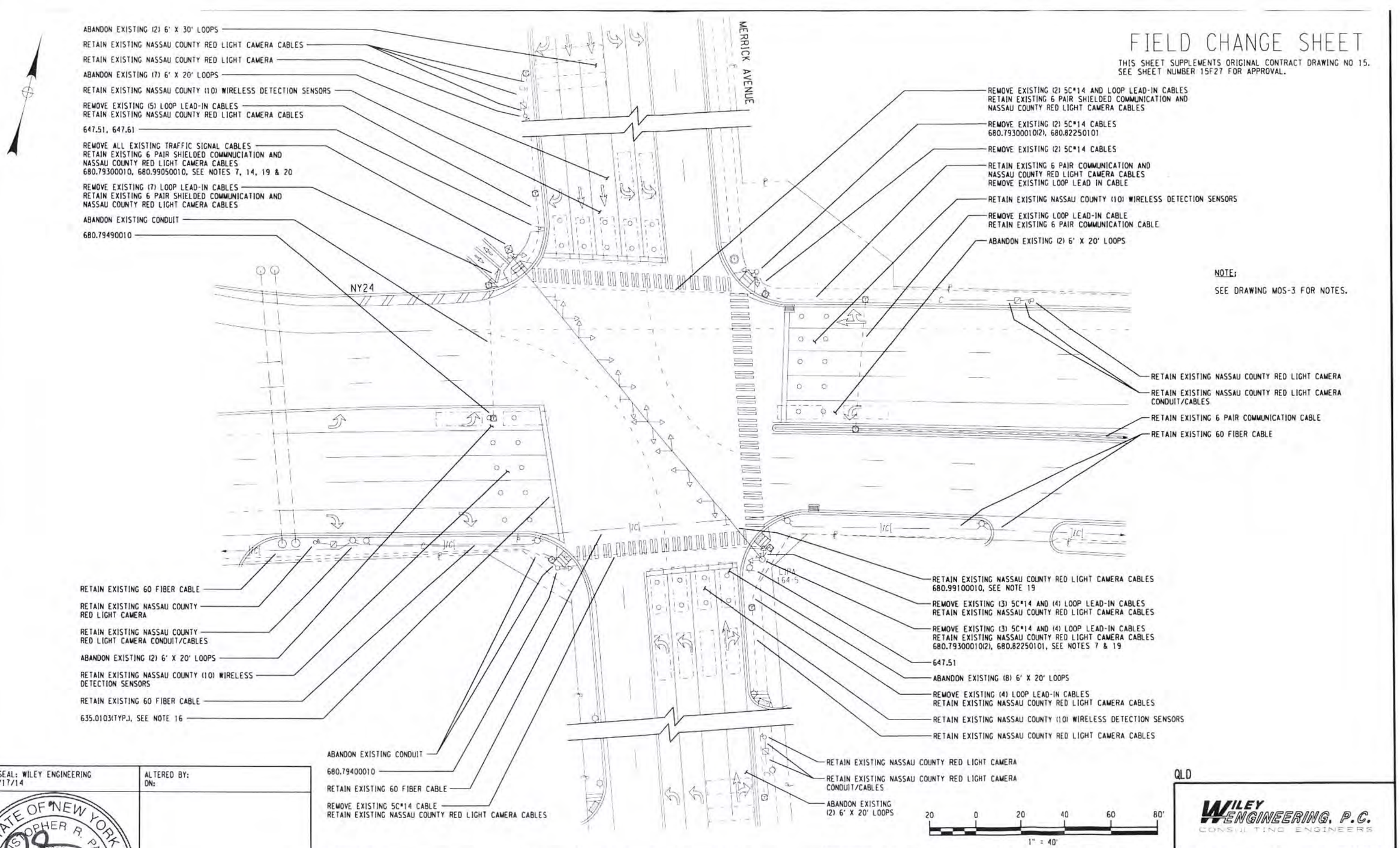
DOCUMENT NAME: NY24@MERRICK_AVENUE.dgn

DESIGN SUPERVISOR M. UFKO, P.E. | JOB MANAGER F. MOGHBELI, P.E. | DESIGN W. ERDMAN | DRAFTING W. ERDMAN | CHECK C. LOVALLO | PROJECT MANAGER C. PAGGI, P.E. | CHECK C. PAGGI, P.E.

FILE NAME = NY24@MERRICK_AVENUE.DGN
DATE/TIME = DGN$SYSTIME@123456
USER = DGN$USERNAME

FIELD CHANGE SHEET

THIS SHEET SUPPLEMENTS ORIGINAL CONTRACT DRAWING NO 15.
SEE SHEET NUMBER 15F27 FOR APPROVAL.



NOTE;

SEE DRAWING MOS-3 FOR NOTES.

QLD

WILEY ENGINEERING, P.C.
CONSULTING ENGINEERS

AFFIX SEAL: WILEY ENGINEERING ON: 11/17/14	ALTERED BY: ON:	AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	TRAFFIC SIGNAL REQUIREMENTS CONTRACT 33	PIN 0809.28	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED
			VARIOUS LOCATIONS	PS&E DATE			TRAFFIC SIGNAL REMOVAL PLAN
			NASSAU & SUFFOLK COUNTIES				NY24 AT MERRICK AVENUE EAST MEADOW, NASSAU COUNTY SIGNAL NO. 103
			PACKAGE 2				CONTRACT NUMBER D262580
			COUNTY: NASSAU				DRAWING NO. TSP-7 SHEET NO. 15F32

STATE OF NEW YORK
CHRISTOPHER R. PAGGI
084055
LICENSED PROFESSIONAL ENGINEER

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 10

DOCUMENT NAME: NY24@MERRICK_AVENUE.dgn

DESIGN: M. UFKO, P.E. JOB MANAGER: F. MOCHIBELLI, P.E. DESIGN: W. ERDMAN DRAFTING: W. ERDMAN CHECK: C. LOVALLO PROJECT MANAGER: C. PAGGI, P.E. CHECK: C. PAGGI, P.E.

FILE NAME = NY24@MERRICK AVENUE.DGN
DATE/TIME = DGN$SYSTIME@123456
USER = DGN$USERNAME

FIELD CHANGE SHEET

THIS SHEET SUPPLEMENTS ORIGINAL CONTRACT DRAWING NO 15.
SEE SHEET NUMBER 15F27 FOR APPROVAL.

SEQUENCE TABLE - SIGNAL NO. 103

PHASE	FACES 1	2,3	4	5	6,7,8	9	10,11	12,13	14	15,16	17,18	19,20	21,22	23,24	25,26
	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	16" X 18"	16" X 18"	16" X 18"	16" X 18"
1+5+OVL.A	◄G	R	R	◄G	R	R	◄R	R	R/G►	◄R	R	DW	DW	DW	DW
1+6	◄R	R	R	◄G	G	G	◄R	R	R	◄R	R	DW	DW	DW	DW*
2+5+OVL.A	◄G	G	G	◄R	R	R	◄R	R	R/G►	◄R	R	DW	DW*	DW	DW
2+6	◄R	G	G	◄R	G	G	◄R	R	R	◄R	R	DW	DW*	DW	DW*
3+7+OVL.B+C	◄R	R	R/G►	◄R	R	R/G►	◄G	G	G	◄G	R	DW	DW	DW	DW
3+8+OVL.C	◄R	R	R	◄R	R	R/G►	◄G	G	G	◄R	R	DW*	DW	DW	DW
4+7+OVL.B	◄R	R	R/G►	◄R	R	R	◄R	R	R	◄G	G	DW	DW	DW*	DW
4+8	◄R	R	R	◄R	R	R	◄R	G	G	◄R	G	DW*	DW	DW*	DW
FLASH	◄R	Y	Y	◄R	Y	Y	◄R	R	R	◄R	R	DK	DK	DK	DK

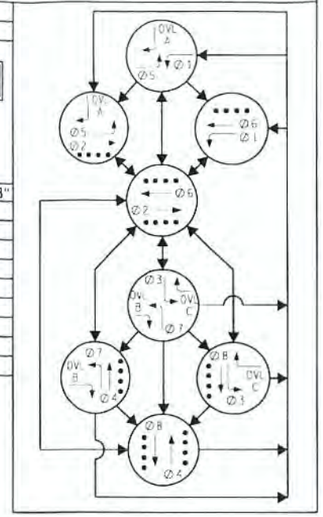
■ - SHALL BE A STEADY [walking] INDICATION FOLLOWED BY A FLASHING [hand] PHASE UPON ACTUATION.

PHASE 2 AND 6 SHALL BE PLACED ON RECALL GREEN.

ALL PEDESTRIAN INSTRUCTION SIGNS SHALL BE R10-3E FROM THE FEDERAL M.U.T.C.D. MANUAL WITH INTERNATIONAL SYMBOLS.

THE PEDESTRIAN COUNTDOWN TIMER SHALL COUNTDOWN DURING THE FLASHING [hand] INTERVAL.

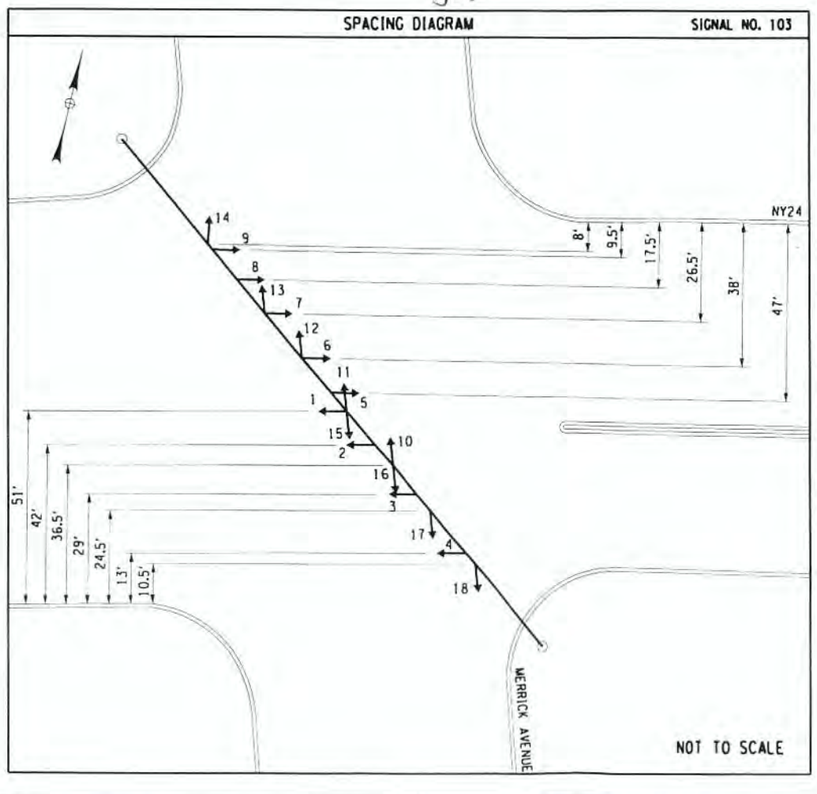
1
19
27
1
38



CLEARANCE TABLE

CLEARANCE	FROM / TO	R	~~R~~	G	R / ~~G~~	~~G~~
1ST	R	R	-	Y	R / ~~Y~~	-
2ND		R	-	R	R	-
1ST	~~R~~	-	~~R~~	-	-	~~Y~~
2ND		-	~~R~~	-	-	~~R~~
1ST	G	R	-	G	R / ~~Y~~	-
2ND		R	-	G	R	-
1ST	R / ~~G~~	R	-	Y/G	R / ~~G~~	-
2ND		R	-	R/G	R / ~~G~~	-
1ST	~~G~~	-	~~R~~	-	-	~~G~~
2ND		-	~~R~~	-	-	~~G~~

SPACING DIAGRAM — SIGNAL NO. 103



NOT TO SCALE

TABLE OF QUANTITIES

ITEM NUMBER	DESCRIPTION	UNIT	ESTIMATED QUANTITY	FINAL QUANTITY
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	5.3	
206.03100010	TRAFFIC SIGNAL CONDUIT EXCAVATION AND BACKFILL	LF	139	
608.0101	CONCRETE SIDEWALKS AND DRIVEWAYS	CY	3.6	
608.21	EMBEDDED DETECTABLE WARNING UNITS	SY	5.4	
619.1613	MAINTAIN TRAFFIC SIGNALS	INTm	6	
635.0103	CLEANING AND PREPARATION OF PAVEMENT SURFACES - LINES	LF	403	
645.5202	G/M SIGN PANELS LESS THAN OR EQUAL TO 30 SF, WITH Z-BARS, HIGH VIS. SHEETING	SF	15	
645.81	TYPE A SIGN POST	EA	3	
647.51	REMOVE AND DISPOSE SIGN PANEL ASSEMBLY SIZE I (UNDER 30 SF)	EA	2	
647.61	REMOVE AND DISPOSE G/M TYPE A SIGN SUPPORT(S) - SIZE I (UNDER 30 SF)	EA	1	
680.5001	POLE EXCAVATION AND CONCRETE FOUNDATION	CY	1.2	
680.51050010	PULLBOX, RECTANGULAR REINFORCED CONCRETE (26" X 18")	EA	3	
680.520106	CONDUIT, METAL STEEL, ZINC COATED, 2"	LF	125	
680.520203	TRAFFIC SIGNAL CONDUIT, FLEXIBLE LIQUID TIGHT STEEL, 1"	LF	46	
680.54	INDUCTANCE LOOP INSTALLATION	LF	1707	
680.6708	TRAFFIC SIGNAL POLE POST TOP MOUNT, 8 FEET MOUNTING HEIGHT	EA	1	
680.7001	SINGLE SPAN WIRE ASSEMBLY	EA	2	
680.71	SHIELDED LEAD-IN CABLE	LF	2339	
680.72	INDUCTANCE LOOP WIRE	LF	4810	
680.730214	SIGNAL CABLE 2C*14 AWG	LF	924	
680.730514	SIGNAL CABLE 5C*14 AWG	LF	2296	
680.731014	SIGNAL CABLE 10C*14 AWG	LF	593	
680.731514	SIGNAL CABLE 15C*14 AWG	LF	136	
680.79300010	REMOVE TRAFFIC SIGNAL HEAD OR PEDESTRIAN SIGNAL HEAD	EA	5	
680.79400010	REMOVE AUXILIARY POLE AND PEDESTRIAN POST	EA	1	
680.79490010	REMOVE TRAFFIC SIGNAL PULLBOXES	EA	1	
680.80324515	INSTALL MICROCOMPUTER CABINET	EA	1	
680.810101	TRAFFIC SIGNAL MODULE - 12 INCH, RED BALL, LED	EA	12	
680.810102	TRAFFIC SIGNAL MODULE - 12 INCH, RED ARROW, LED	EA	6	
680.810103	TRAFFIC SIGNAL MODULE - 12 INCH, YELLOW BALL, LED	EA	12	
680.810104	TRAFFIC SIGNAL MODULE - 12 INCH, YELLOW ARROW, LED	EA	9	
680.810105	TRAFFIC SIGNAL MODULE - 12 INCH, GREEN BALL, LED	EA	12	
680.810106	TRAFFIC SIGNAL MODULE - 12 INCH, GREEN ARROW, LED	EA	9	
680.810107	TRAFFIC SIGNAL SECTION - TYPE 1, 12 INCH	EA	60	
680.8111	TRAFFIC SIGNAL BRACKET ASSEMBLY - 1 WAY	EA	9	
680.8112	TRAFFIC SIGNAL BRACKET ASSEMBLY - 2 WAY	EA	6	
680.8113	TRAFFIC SIGNAL BRACKET ASSEMBLY - 3 WAY	EA	1	
680.81320010	LED PEDESTRIAN SIGNAL WITH COUNTDOWN TIMER, 16" X 18"	EA	8	
680.81990003	TRAFFIC SIGNAL BACK PLATES WITH YELLOW REFLECTIVE TAPE	EA	21	
680.8204	OVERHEAD SIGN ASSEMBLY, TYPE D	EA	5	
680.82250101	REMOVE PEDESTRIAN PUSHBUTTON AND SIGN ASSEMBLY	EA	2	
680.82260010	PEDESTRIAN PUSHBUTTON AND SIGN - WITH POST	EA	4	
680.82270010	ADA COMPLIANT PEDESTRIAN PUSHBUTTON WITH LATCHING LED INDICATION	EA	1	
680.82507010	INSTALLATION/TRANSFER OF OPTICAL DETECTION EQUIPMENT OWNED BY OTHERS	EA	1	
680.82540009	PREEMPT SYSTEM - DETECTOR CABLE - SHIELDED, 3 CONDUCTOR AWG #20	LF	538	
680.94997008	FURNISH & INSTALL ELECTRICAL DISCONNECT GENERATOR TRANSFER SWITCH	EA	1	
680.95020615	SERVICE CABLE 2 CONDUCTOR NO. 06 AWG	LF	75	
680.99050010	REMOVE POLE MOUNTED SIGNAL CONTROL CABINET	EA	1	
680.99100010	REMOVE TRAFFIC SIGNAL SPAN WIRE ASSEMBLY WITH TRAFFIC SIGNAL HEADS	EA	1	
688.01	WHITE PREFORMED REFLECTORIZED PAVEMENT STRIPES	LF	1404	

AFFIX SEAL: WILEY ENGINEERING
ON: 11/17/14

ALTERED BY:
ON:

STATE OF NEW YORK · CHRISTOPHER R. PAGGI · LICENSED PROFESSIONAL ENGINEER · 084055

WILEY ENGINEERING, P.C.
CONSULTING ENGINEERS

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

TRAFFIC SIGNAL REQUIREMENTS CONTRACT 33
VARIOUS LOCATIONS
NASSAU & SUFFOLK COUNTIES
PACKAGE 2
COUNTY: NASSAU

PIN 0809.28
PS&E DATE

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

TRAFFIC SIGNAL PLAN
NY24 AT MERRICK AVENUE
EAST MEADOW, NASSAU COUNTY
SIGNAL NO. 103

CONTRACT NUMBER
D262580
DRAWING NO. TSP-8
SHEET NO. 15F33

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 10

DOCUMENT NAME: NY24@MERRICK_AVENUE.dgn

PROJECT MANAGER C. PAGGI, P.E. — CHECK C. PAGGI, P.E. — DESIGN W. ERDMAN — JOB MANAGER F. MOCHIBELLI, P.E. — DRAFTING W. ERDMAN — M. UFKO, P.E.

FILE NAME = NY24@MERRICK_AVENUE.DGN
DATE/TIME = DGNSTIME@123456
USER = DGNUSERNAME

SIGNAL OPERATION SPECIFICATIONS
TABLE OF SWITCH PACKS

SIGNAL NO. 103 COUNTY NASSAU

SWITCH PACK	FUNCTION	FACE NOS.	INDICATIONS	TERMINAL WIRING BOARD TERMINAL	WIRE COLOR CODE			
SP1 W*S	Ø1	5	-R -Y G GROUND WIRE	SP 1R SP 1Y SP 1G GROUND BUS	14/5C-1-R 14/5C-1-O 14/5C-1-G 14/5C-1-W			
SP2 W	Ø6	6 7 8 9	R Y G GROUND WIRE	SP 2R SP 2Y SP 2G GROUND BUS	14/10C-1-R 14/10C-1-O 14/10C-1-G 14/10C-1-W	14/10C-2-R 14/10C-2-O 14/10C-2-G 14/10C-2-W	14/5C-2-R 14/5C-2-O 14/5C-2-G 14/5C-2-W	14/10C-3-R 14/10C-3-O 14/10C-3-G 14/10C-3-W
SP3 E	Ø2	2 3 4	R Y G GROUND WIRE	SP 3R SP 3Y SP 3G GROUND BUS	14/5C-3-R 14/5C-3-O 14/5C-3-G 14/5C-3-W	14/5C-4-R 14/5C-4-O 14/5C-4-G 14/5C-4-W	14/10C-4-R 14/10C-4-O 14/10C-4-G 14/10C-4-W	
SP4 NYW	Ø7	15 16	-R -Y -G GROUND WIRE	SP 4R SP 4Y SP 4G GROUND BUS	14/15C-1-R 14/15C-1-O 14/15C-1-G 14/15C-1-W	14/10C-5-R 14/10C-5-O 14/10C-5-G 14/10C-5-W		
SP5 S	Ø8	12 13 14	R Y G GROUND WIRE	SP 5R SP 5Y SP 5G GROUND BUS	14/10C-1-R/B 14/10C-1-O/B 14/10C-1-G/B 14/10C-1-W/B	14/10C-2-R/B 14/10C-2-O/B 14/10C-2-G/B 14/10C-2-W/B	14/10C-6-R 14/10C-6-O 14/10C-6-G 14/10C-6-W	
SP6 N	Ø4	17 18	R Y G GROUND WIRE	SP 6R SP 6Y SP 6G GROUND BUS	14/5C-5-R 14/5C-5-O 14/5C-5-G 14/5C-5-W	14/5C-6-R 14/5C-6-O 14/5C-6-G 14/5C-6-W		
SP7 S*E	Ø3	10 11	-R -Y -G GROUND WIRE	SP 7R SP 7Y SP 7G GROUND BUS	14/10C-5-R/B 14/10C-5-O/B 14/10C-5-G/B 14/10C-5-W/B	14/15C-1-R/B 14/15C-1-O/B 14/15C-1-G/B 14/15C-1-W/B		
SP8 SxW	OVL "A" Ø5*Y	14	-Y- -G- GROUND WIRE	SP 8R SP 8Y SP 8G GROUND BUS	14/10C-6-O/B 14/10C-6-G/B 14/10C-6-W/B			
SP9 EXS	OVL "B" Ø7+2	4	-Y- -G- GROUND WIRE	SP 9R SP 9Y SP 9G GROUND BUS	14/10C-4-O/B 14/10C-4-G/B 14/10C-4-W/B			
SP10 EXIV	Ø5	1	-R -Y -G GROUND WIRE	SP 10R SP 10Y SP 10G GROUND BUS	14/15C-1-R/W 14/15C-1-BL/W 14/15C-1-G/W 14/15C-1-B/W			
SP11 S	PED "A" Ø8	19 20	DON'T WALK WALK GROUND WIRE	SP 11R SP 11Y SP 11G GROUND BUS	14/5C-7-R 14/5C-7-G 14/5C-7-W	14/5C-8-R 14/5C-8-G 14/5C-8-W		
SP12 E	PED "B" Ø2	21 22	DON'T WALK WALK GROUND WIRE	SP 12R SP 12Y SP 12G GROUND BUS	14/5C-9-R 14/5C-9-G 14/5C-9-W	14/5C-10-R 14/5C-10-G 14/5C-10-W		
SP13 N	PED "C" Ø4	23 24	DON'T WALK WALK GROUND WIRE	SP 13R SP 13Y SP 13G GROUND BUS	14/5C-11-R 14/5C-11-G 14/5C-11-W	14/5C-12-R 14/5C-12-G 14/5C-12-W		
SP14 W	PED "D" Ø6	25 26	DON'T WALK WALK GROUND WIRE	SP 14R SP 14Y SP 14G GROUND BUS	14/5C-13-R 14/5C-13-G 14/5C-13-W	14/5C-14-R 14/5C-14-G 14/5C-14-W		
SP15 WXIV	OVL "C" Ø3+C	9	-Y- -G- GROUND WIRE	SP 15R SP 15Y SP 15G GROUND BUS	14/10C-3-O/B 14/10C-3-G/B 14/10C-3-W/B			
SP16			GROUND WIRE	SP 16R SP 16Y SP 16G GROUND BUS				

KEY FOR WIRE COLOR CODE

14/ 19C - 1 - R/B

XX/ XXC - X-X /X

AWG | NO. OF CONDUCTORS | CABLE NO. FOR THE GIVEN CONDUCTOR SIZE | COLOR OF WIRE | TRACER COLOR

COLOR: B-BLACK, BL-BLUE, G-GREEN, G-GREEN, O-ORANGE, R-RED, W-WHITE, W-WHITE

LEGEND

G=CIRCULAR GREEN
R=CIRCULAR RED
G-=RIGHT GREEN ARROW
-R=LEFT RED ARROW
-Y=LEFT YELLOW ARROW
Y=CIRCULAR YELLOW
-G=LEFT GREEN ARROW
G=VERTICAL GREEN ARROW
R-=RIGHT RED ARROW
Y-=RIGHT YELLOW ARROW

FIELD CHANGE SHEET

THIS SHEET SUPPLEMENTS ORIGINAL CONTRACT SHEET NO 15.
SEE SHEET NUMBER 15F27 FOR APPROVAL.

SIGNAL OPERATION SPECIFICATIONS
TABLE OF INPUT WIRING

SIGNAL NO. 103 COUNTY NASSAU

FUNCTION	DETECTOR NUMBER	TYPE	TERMINAL BOARD WIRING
Ø1	D11	PRESENCE LOOP	1A , 1B
Ø3	D32	PRESENCE LOOP	2A , 2B
Ø3	D33	PRESENCE LOOP	3A , 3B
Ø4	D44	PRESENCE LOOP	4A , 4B
Ø4	D45	PRESENCE LOOP	5A , 5B
Ø5	D56	PRESENCE LOOP	6A , 6B
Ø7	D77	PRESENCE LOOP	7A , 7B
Ø7	D78	PRESENCE LOOP	8A , 8B
Ø8	D89	PRESENCE LOOP	9A , 9B
Ø8	D810	PRESENCE LOOP	10A , 10B
Ø8	D811	PRESENCE LOOP	11A , 11B
			12A , 12B
			13A , 13B
			14A , 14B
Ø2	201, 202	PED BUTTON	15A , 15B
Ø4	401, 402	PED BUTTON	16A , 16B
Ø6	601, 602	PED BUTTON	17A , 17B
Ø8	801, 802	PED BUTTON	18A , 18B
			19A , 19B
			20A , 20B
			21A , 21B
			22A , 22B
			23A , 23B
			24A , 24B
Ø3 + Ø8	C	PREEMPTION	25A , 25B (EXISTING)
Ø4 + Ø7	D	PREEMPTION	26A , 26B (EXISTING)
Ø2 + Ø5	A	PREEMPTION	27A , 27B (EXISTING)
Ø1 + Ø6	B	PREEMPTION	28A , 28B (EXISTING)

NOTES:

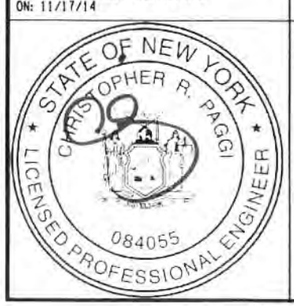
1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NYS REGIONAL TRAFFIC SIGNAL DETAIL SHEETS AND NYS STANDARD SHEETS.
2. ALL TRAFFIC SIGNALS SHALL BE MAINTAINED IN A TRAFFIC RESPONSIVE OPERATION AND ALL INTERCONNECT, WHERE EXISTING, SHALL BE MAINTAINED. THE CONTRACTOR SHALL PAY A LIQUIDATED DAMAGES CHARGE OF $500.00 PER CALENDAR DAY IF ACTUATION AND COORDINATION IS NOT MAINTAINED.
3. ALL VEHICLE DETECTION AND SIGNAL COORDINATION MUST BE MAINTAINED AT ALL TIMES. SPLICING OF INDUCTANCE LOOP WIRE, SHIELDED LEAD-IN CABLE, AND INTERCONNECT CABLE SHALL BE ALLOWED FOR TEMPORARY REPAIRS DURING CONSTRUCTION ONLY. TEMPORARY LOOP DETECTORS, IF NECESSARY, SHALL BE 6' X 6', BE CENTERED IN THEIR RESPECTIVE LANE, AND PAID FOR UNDER ITEMS 680.54 AND 680.72. OTHER TYPES OF TEMPORARY DETECTION MAY BE USED UPON APPROVAL OF THE REGIONAL TRAFFIC SIGNAL SECTION.
4. TRAFFIC SIGNAL TURN-ON SHALL BE DONE BY NYS TRAFFIC SIGNAL PERSONNEL ONLY. THE CONTRACTOR SHALL PAY A LIQUIDATED DAMAGES CHARGE OF $10,000 IF THE TRAFFIC SIGNAL IS TURNED ON (INCLUDING FLASHING OPERATION) WITHOUT NYS TRAFFIC SIGNAL PERSONNEL PRESENT. THE CONTRACTOR SHALL NOTIFY THE NYS TRAFFIC SIGNAL SECTION TWO WEEKS PRIOR TO THE REQUESTED DATE OF TURN-ON.
5. PRIOR TO BEGINNING ANY WORK ON THE CONTRACT, THE CONTRACTOR SHALL NOTIFY THE REGIONAL TRAFFIC SIGNAL SECTION TO PERFORM AN INSPECTION OF THE EXISTING TRAFFIC SIGNAL EQUIPMENT. AFTER THE INSPECTION, THE CONTRACTOR MUST THEN SUBMIT A WRITTEN NOTIFICATION WITH THE DATE THEY WILL ASSUME TRAFFIC SIGNAL MAINTENANCE. NO WORK SHALL PROCEED ON THE CONTRACT UNTIL TRAFFIC SIGNAL MAINTENANCE IS ASSUMED. THE EXISTING TRAFFIC SIGNAL SHALL BE MAINTAINED UNDER ITEM 619.1613 EXCEPT FOR THE CONTROLLER, PROGRAMMING, AND TIMING WHICH SHALL BE MAINTAINED BY THE STATE.
6. THE NOTES ON TSD-1 TO TSD-12 SHALL APPLY.
7. THE EXISTING TRAFFIC SIGNAL POLES HAVE A HEIGHT OF 10 m (32.8 FT), A DESIGN LOADING OF 70 KN (15.7 KIPS) AND A FOOTING MOMENT OF 70 KN-M (500 FT-KIPS).
8. THE EXISTING CONTROLLER, CABINETS AND ALL ITS CONTENTS, LED TRAFFIC SIGNAL MODULES, LED PEDESTRIAN SIGNAL MODULES, ADA PEDESTRIAN PUSH BUTTONS, POLE CAPS, HAND HOLE COVERS AND PULLBOX FRAMES AND COVERS SHALL BE RETURNED TO THE STATE. ALL OTHER EQUIPMENT SHALL BE DISPOSED OF BY THE CONTRACTOR.
9. WHERE THERE IS POTENTIAL FOR DANGEROUS PROXIMITY OR CONTACT WITH ENGERGIZED ELECTRICAL SYSTEMS, UTILITIES SHALL BE CALLED TO DECIDE THE NEED TO DE-ENERGIZE OR INSULATE LINES, OR OTHERWISE PROTECT AGAINST ACCIDENTAL CONTACT.
10. THE PROPOSED CROSSWALK LAYOUT SHALL BE DETERMINED UPON FIELD INSPECTION AND INSTALLED AS ORDERED BY THE EIC. REFER TO DRAWING NO. MD-6 FOR DETAILS. THE PROPOSED STAGGERED CROSSWALK BARS SHALL BE 8' IN WIDTH.
11. TRAFFIC SIGNAL BACK PLATES SHALL BE PLACED ON ALL SIGNAL FACES. THE BACK PLATES SHALL HAVE A 5 INCH BORDER WITH 3 INCH YELLOW REFLECTIVE TAPE AROUND THE BORDER. ALL WORK SHALL BE PAID FOR UNDER ITEM 680.81990003 AND PERFORMED IN ACCORDANCE WITH THE SPECIAL SPECIFICATION.
12. ALL TRAFFIC SIGNAL SECTIONS SHALL BE FURNISHED WITH OPEN TUNNEL VISORS.
13. THE TRAFFIC SIGNAL HEADS SHALL BE TETHERED TO THE SECOND SPAN WIRE AS PER DETAIL A, SPAN WIRE SIGN MOUNTING, ON DRAWING TSD-9.
14. BEFORE WORK BEGINS ON THE TRAFFIC SIGNAL, THE CONTRACTOR SHALL NOTIFY THE EIC AS TO THE PRESENCE OF OPTICAL PRE-EMPTION ON THE EXISTING SPAN WIRE AND MAST ARM. THE EIC SHALL THEN NOTIFY THE NYSDOT PERMITS SECTION SO THEY CAN INFORM THE PERMITEE OF ANY CHANGES TO THE TRAFFIC SIGNAL PLAN. ALL OPTICAL PRE-EMPTION EQUIPMENT REMOVED SHALL BE RETURNED TO THE PERMITEE.
15. ALL DETECTORS SHALL BE CENTERED IN THEIR RESPECTIVE LANES AND SPACED 10' APART UNLESS OTHERWISE INDICATED IN THE PLAN.
16. THE CONTRACTOR SHALL REMOVE EXISTING PAVEMENT MARKINGS THAT EXTEND BEYOND THE PROPOSED STOP BAR.
17. INSTALL A 24" X 24" "NO U-TURN" SIGN (R3-4) AS FOLLOWS:

18. INSTALL A 24" X 30" "NO TURN ON RED" SIGN (R10-11) AS FOLLOWS:

19. ALL SUFFOLK COUNTY RED LIGHT CAMERA EQUIPMENT AND CABLING SHALL BE LEFT UNDISTURBED BY THE CONTRACTOR. ALL NECESSARY ADJUSTMENTS TO THIS EQUIPMENT SHALL BE MADE BY OTHERS.
20. THE CONTRACTOR SHALL PULL THE EXISTING 6 PAIR SHIELDED COMMUNICATION CABLE OUT OF THE EXISTING CABINET AND COIL IN THE ADJACENT PULLBOX. THIS INTERCONNECT SHALL BE REINSTALLED UPON INSTALLATION AND INTEGRATION OF THE PROPOSED CABINET.

AFFIX SEAL: WILEY ENGINEERING ON: 11/17/14

ALTERED BY: ON:



WILEY ENGINEERING, P.C.
CONSULTING ENGINEERS

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

TRAFFIC SIGNAL REQUIREMENTS CONTRACT 33
VARIOUS LOCATIONS
NASSAU & SUFFOLK COUNTIES
PACKAGE 2
COUNTY: NASSAU

PIN 0809.28
PS&E DATE

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

MICROCOMPUTER SIGNAL OPERATIONS SPECIFICATIONS
NY24 AT MERRICK AVENUE
EAST MEADOW, NASSAU COUNTY
SIGNAL NO. 103

CONTRACT NUMBER D262580

DRAWING NO. MOS-3

SHEET NO. 15F34

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 10

DOCUMENT NAME: NY24@MERRICK.AVENUE.dgn

PROJECT MANAGER C. PAGGI, P.E.
CHECK C. PAGGI, P.E.
DRAFTING W. ERDMAN
CHECK C. PAGGI, P.E.
JOB MANAGER F. MOGHBELI, P.E.
DESIGN W. ERDMAN
DESIGN SUPERVISOR M. UFKO, P.E.
CHECK

FILE NAME = NY24@MERRICK.AVENUE.DGN
DATE/TIME = DONSYSTIMEBI23456
USER = DONUSERNAME

~~Maybe~~

1-2
1-8
1-10
1-14
1-15

2-3
2-9
2-12
2-14
2-15

3-8
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8-15
9-10
9-13
9-15

10-12
11-13
11-15
12-14

Optional cuts
8-13
9-14
12-15

Yellow
omit
11, 12, 13, 14
~~15, 16, 17, 18~~

Relays

x x x x x x x
1 2 3 4 5 6 7
x

Red monitor on

1, 2, 3, 4, 5, 6, 7, 10

15 spk
6 - 222
7 - relays
2 - Y
6 - W
6 - R

Loc 13

3051

Phase Times [1.1.1]

	1	2	3	4	5	6	7	8
Min Green		10	10			10		
Gap, Ext								
Max 1		60	23			60		
Max 2								
Yel Clearance		5	2			5		
Red Clearance		2	1			2		
Walk			7					
Ped Clearance			30					
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								
Options [1.1.2]	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
Enable		ON	ON			ON		
Min Recall								
Max Recall		ON				ON		
Ped Recall								
Soft Recall								
Lock Calls								
Auto Flash Entry								
Auto Flash Exit								
Dual Entry		ON				ON		
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								
Options+ [1.1.3]	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay								

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	180	38	1	1	13	0	0	13	1	25	0	0	0	1	37	0	0	0	1
2	70	31	2	1	14	0	0	14	1	26	0	0	0	1	38	0	0	0	1
3	170	163	3	1	15	0	0	15	1	27	0	0	0	1	39	0	0	0	1
4	60	30	4	1	16	0	0	16	1	28	0	0	0	1	40	0	0	0	1
5	0	0	5	1	17	0	0	17	1	29	0	0	0	1	41	0	0	0	1
6	0	0	6	1	18	0	0	18	1	30	0	0	0	1	42	0	0	0	1
7	0	0	7	1	19	0	0	19	1	31	0	0	0	1	43	0	0	0	1
8	0	0	8	1	20	0	0	20	1	32	0	0	0	1	44	0	0	0	1
9	180	160	9	1	21	0	0	21	1	33	0	0	0	1	45	0	0	0	1
10	180	20	10	1	22	0	0	22	1	34	0	0	0	1	46	0	0	0	1
11	0	0	11	1	23	0	0	23	1	35	0	0	0	1	47	0	0	0	1
12	0	0	12	1	24	0	0	24	1	36	0	0	0	1	48	0	0	0	1

Split		1	2	3	4	5	6	7	8	Split		1	2	3	4	5	6	7	8
1	Coor	0	147	33	0	0	147	33	0	13	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
2	Coor	0	37	33	0	0	37	33	0	14	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
3	Coor	0	137	33	0	0	137	33	0	15	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
4	Coor	0	35	25	0	0	35	25	0	16	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
5	Coor	0	0	0	0	0	0	0	0	17	Coor	0	0	0	0	0	0	0	0
	2	NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
6	Coor	0	0	0	0	0	0	0	0	18	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
7	Coor	0	0	0	0	0	0	0	0	19	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
8	Coor	0	0	0	0	0	0	0	0	20	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
9	Coor	0	147	33	0	0	147	33	0	21	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
10	Coor	0	147	33	0	0	147	33	0	22	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
11	Coor	0	0	0	0	0	0	0	0	23	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
12	Coor	0	0	0	0	0	0	0	0	24	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON

Page#	
1	8 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
1A&1B	16 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
2	Overlaps; Channel Settings; Coord Alt Table+ (values not associated with time-of-day)
3	Detection; Sample Time and Unit Parameters related to detection
4	Preemption and Alternate Phase Time and Phase Options
5	Annual Schedule
6	Day Plans; Action Tables; Coord Alt Table+ (values varied by time-of-day)
7	Communications; Secutiry; I/O Setup
8	Misc - Events/Alarms; Call/Inhibit/Redirect; P/OLAP Auto Flash; CIC; Misc Unit Param

Ring/Startup [1.1.4]

Phs	Ring	Start	Enable
1	1	Red	OFF
2	1	Green	ON
3	1	Red	ON
4	1	Red	OFF
5	2	Red	OFF
6	2	Green	ON
7	2	Red	OFF
8	2	Red	OFF

Coord Modes [2.1]

Test OpMode	0
Correction	SHRT/LNG
Maximum	MAX 1
Force-Off	FIXED
Closed Loop	ON
Stop-in-Walk	ON
Auto Reset	ON
Expand Splt	OFF
Ped Recycle	NO_RECYCLE
Before	TIMED
After	TIMED

Auto Flash [1.4.1]

Auto Flash	PH OVER
Flash Yel	45
Flash Red	20

Unit Params [1.2.1]

Phase Mode	STD8
IO Mode	User
Loc Flsh Start	Red
Start Flash(s)	0
Start AllRed(s)	6
Yellow < 3"	OFF
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	1
Auxswitch	STOPTM
SDLC Retry	0
TS2 Det Faults	ON
Auto Ped Clear	OFF
SDLC Retry	0

3051 Rt 24 @ Nassau Cnty Park Sig # 103.05

03/27/23 **Page 1**

Times [1.1.1]	1	2	3	4	5	6	7	8
Min Green		10	10			10		
Gap, Ext								
Max 1		60	23			60		
Max 2								
Yel Clearance		5	2			5		
Red Clearance		2	1			2		
Walk			7					
Ped Clearance			30					
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								

Options [1.1.2]	1	2	3	4	5	6	7	8
Enable		ON	ON			ON		
Min Recall								
Max Recall		ON				ON		
Ped Recall								
Soft Recall								
Lock Calls								
Auto Flash Entry								
Auto Flash Exit								
Dual Entry		ON				ON		
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								

Options+ [1.1.3]	1	2	3	4	5	6	7	8
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay	0	0	0	0	0	0	0	0

3051 Rt 24 @ Nassau Cnty Park Sig # 103.05

Coord Patterns [2.4] and Split Tables [2.7.1]

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	180	38	1	1	13	0	0	13	1	25	0	0	0	1	37	0	0	0	1
2	70	31	2	1	14	0	0	14	1	26	0	0	0	1	38	0	0	0	1
3	170	163	3	1	15	0	0	15	1	27	0	0	0	1	39	0	0	0	1
4	60	30	4	1	16	0	0	16	1	28	0	0	0	1	40	0	0	0	1
5	0	0	5	1	17	0	0	17	1	29	0	0	0	1	41	0	0	0	1
6	0	0	6	1	18	0	0	18	1	30	0	0	0	1	42	0	0	0	1
7	0	0	7	1	19	0	0	19	1	31	0	0	0	1	43	0	0	0	1
8	0	0	8	1	20	0	0	20	1	32	0	0	0	1	44	0	0	0	1
9	180	160	9	1	21	0	0	21	1	33	0	0	0	1	45	0	0	0	1
10	180	20	10	1	22	0	0	22	1	34	0	0	0	1	46	0	0	0	1
11	0	0	11	1	23	0	0	23	1	35	0	0	0	1	47	0	0	0	1
12	0	0	12	1	24	0	0	24	1	36	0	0	0	1	48	0	0	0	1

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Coor	0	147	33	0	0	147	33	0	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
2	Coor	0	37	33	0	0	37	33	0	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
3	Coor	0	137	33	0	0	137	33	0	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
4	Coor	0	35	25	0	0	35	25	0	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
5	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
6	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
7	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
8	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
9	Coor	0	147	33	0	0	147	33	0	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
10	Coor	0	147	33	0	0	147	33	0	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
11	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
12	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
13	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
14	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
15	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
16	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

User Phase Mode

Phase>8 or Rings > 2

Coord Modes [2.1]	
Test OpMode	0
Correction	SHRT/LNG
Maximum	MAX 1
Force-Off	FIXED
Closed Loop	ON
Stop-in-Walk	ON
Auto Reset	ON
Expand Splt	OFF
Ped Recycle	NO_RECYCLE
Before	TIMED
After	TIMED
Auto Flash [1.4.1]	
Auto Flash	PH OVER
Flash Yel	45
Flash Red	20
Unit Params [1.2.1]	
Phase Mode	STD8
IO Mode	User
Loc Flsh Start	Red
Start Flash(s)	0
Start AllRed(s)	6
Yellow < 3"	OFF
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	1
Auxswitch	STOPTM
SDLC RetryTm	0
TS2 Det Faults	ON
Auto Ped Clear	OFF

<- Mode NON is Blank

03/27/23 **Page 1A**

Times [1.1.1]	9	10	11	12	13	14	15	16
Min Green								
Gap, Ext								
Max 1								
Max 2								
Yel Clearance	3	4	3	4	3	4	3	4
Red Clearance	2	2	2	2	2	2	2	2
Walk								
Ped Clearance								
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								

Options [1.1.2]	9	10	11	12	13	14	15	16
Enable								
Min Recall								
Max Recall								
Ped Recall								
Soft Recall								
Lock Calls								
Auto Flash Entry								
Auto Flash Exit								
Dual Entry								
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								

Options+ [1.1.3]	9	10	11	12	13	14	15	16
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay								

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1] — Ring/Startup [1.1.4]

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Phs	Ring	Start
17	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	2	1	Green
18	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	4	1	Red
19	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	6	2	Green
20	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	2	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	8	2	Red
21	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	10		Red
22	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	12		Red
23	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	14		Red
24	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	16		Red

Concurrency [1.1.4]

Phs	Concurrent Phases										Phs	Concurrent Phases								
1	5	6	0	0	0	0	0	0			9	0	0	0	0	0	0	0	0	
2	5	6	0	0	0	0	0	0			10	0	0	0	0	0	0	0	0	
3	7	8	0	0	0	0	0	0			11	0	0	0	0	0	0	0	0	
4	7	8	0	0	0	0	0	0			12	0	0	0	0	0	0	0	0	
5	1	2	0	0	0	0	0	0			13	0	0	0	0	0	0	0	0	
6	1	2	0	0	0	0	0	0			14	0	0	0	0	0	0	0	0	
7	3	4	0	0	0	0	0	0			15	0	0	0	0	0	0	0	0	
8	3	4	0	0	0	0	0	0			16	0	0	0	0	0	0	0	0	

Note: Expanded Splits are not used because "Expanded Splits" is OFF

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	0	0	1	1	25	0	0	0	1
2	0	0	2	1	26	0	0	0	1
3	0	0	3	1	27	0	0	0	1
4	0	0	4	1	28	0	0	0	1
5	0	0	5	1	29	0	0	0	1
6	0	0	6	1	30	0	0	0	1
7	0	0	7	1	31	0	0	0	1
8	0	0	8	1	32	0	0	0	1
9	0	0	9	1	33	0	0	0	1
10	0	0	10	1	34	0	0	0	1
11	0	0	11	1	35	0	0	0	1
12	0	0	12	1	36	0	0	0	1
13	0	0	13	1	37	0	0	0	1
14	0	0	14	1	38	0	0	0	1
15	0	0	15	1	39	0	0	0	1
16	0	0	16	1	40	0	0	0	1
17	0	0	17	1	41	0	0	0	1
18	0	0	18	1	42	0	0	0	1
19	0	0	19	1	43	0	0	0	1
20	0	0	20	1	44	0	0	0	1
21	0	0	21	1	45	0	0	0	1
22	0	0	22	1	46	0	0	0	1
23	0	0	23	1	47	0	0	0	1
24	0	0	24	1	48	0	0	0	1

Expanded Splits	**OFF**

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

24	Coord	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON
		0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
2	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
3	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
4	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
5	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
6	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
7	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
8	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
9	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
10	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
11	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
12	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
13	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
14	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
15	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
16	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
17	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
18	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
19	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
20	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
21	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
22	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
23	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

Overlap 1-16 Program Parms & Parm+ [1.5.2.1] [1.5.2.2]

Overlap Conflict Lock	OFF	Overlap Lock Inhibit	OFF	Parent Ph Clearance	OFF	Extra Included Ph	ON

	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
1	Modifier Ø								Grn		9	Modifier Ø								Grn	
	Conflict Ø								Yel	4		Conflict Ø								Yel	3.5
A	Conflict Olap								Red	2.4	I	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
2	Modifier Ø								Grn		10	Modifier Ø								Grn	
	Conflict Ø								Yel	3		Conflict Ø								Yel	3.5
B	Conflict Olap								Red	2	J	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
3	Modifier Ø								Grn		11	Modifier Ø								Grn	
	Conflict Ø								Yel	3		Conflict Ø								Yel	3.5
C	Conflict Olap								Red	2	K	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
4	Modifier Ø								Grn		12	Modifier Ø								Grn	
	Conflict Ø								Yel	3		Conflict Ø								Yel	3.5
D	Conflict Olap								Red	2	L	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
5	Modifier Ø								Grn		13	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
E	Conflict Olap								Red	1.5	M	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
6	Modifier Ø								Grn		14	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
F	Conflict Olap								Red	1.5	N	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
7	Modifier Ø								Grn		15	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
G	Conflict Olap								Red	1.5	O	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
8	Modifier Ø								Grn		16	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
H	Conflict Olap								Red	1.5	P	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	

Channel Settings [1.8.1]

……Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Phase / Olap #		6	2		3																			
Channel Type	VEH	VEH	VEH	VEH	PED	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Channel Flash	Red	YEL	YEL	Red	DRK	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	DRK	DRK	DRK	DRK	DRK	DRK	DRK	DRK
Alt Hz																								

Channel+ Settings [1.8.4]

……Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Flash Red+																								
Flash Yellow+																								
Flash Green+																								
Flash Inh Red+																								
Olap Ovrd																								

Coord Transition, CoorPhs [2.5]

Pat#	Short	Long	Dwell	No Shortway Ø				E-Yld	Offset	RetHld	Float	Min Veh Perm	Min Ped Perm
1	12	22							EndGRN				
2	12	22							EndGRN				
3	12	22							EndGRN				
4	12	22							EndGRN				
5	12	22							EndGRN				
6	12	22							EndGRN				
7	12	22							EndGRN				
8	12	22							EndGRN				
9	12	22							EndGRN				
10	12	22							EndGRN				
11	12	22							EndGRN				
12	12	22							EndGRN				
13	12	22							EndGRN				
14	12	22							EndGRN				
15	12	22							EndGRN				
16	12	22							EndGRN				
17	12	22							EndGRN				
18	12	22							EndGRN				
19	12	22							EndGRN				
20	12	22							EndGRN				
21	12	22							EndGRN				
22	12	22							EndGRN				
23	12	22							EndGRN				
24	12	22							EndGRN				
25									BegGRN				
26									BegGRN				
27									BegGRN				
28									BegGRN				
29									BegGRN				
30									BegGRN				
31									BegGRN				
32									BegGRN				
33									BegGRN				
34									BegGRN				
35									BegGRN				
36									BegGRN				
37									BegGRN				
38									BegGRN				
39									BegGRN				
40									BegGRN				
41									BegGRN				
42									BegGRN				
43									BegGRN				
44									BegGRN				
45									BegGRN				
46									BegGRN				
47									BegGRN				
48									BegGRN				

Channel Params[1.8.3]

C1 IO Mode	User	Single BIU Map	SINGLE	Invert Rail Input	OFF

Veh Par 1-64 [5.1]

Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time
1							45	50	255
2							45	50	255
3							45	50	255
4							45	50	255
5							45	50	255
6							45	50	255
7							45	50	255
8							45	50	255
9							45	50	255
10							45	50	255
11							45	50	255
12							45	50	255
13							45	50	255
14							45	50	255
15							45	50	255
16							45	50	255
17							45	50	255
18							45	50	255
19							45	50	255
20							45	50	255
21							45	50	255
22							45	50	255
23							45	50	255
24							45	50	255
25							45	50	255
26							45	50	255
27							45	50	255
28							45	50	255
29							45	50	
30							45	50	
31							45	50	
32							45	50	

Veh Par 1-64 [5.1]

Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time
33							45	50	
34							45	50	
35							45	50	
36							45	50	
37							45	50	
38							45	50	
39							45	50	
40							45	50	
41							45	50	
42							45	50	
43							45	50	
44							45	50	
45							45	50	
46							45	50	
47							45	50	
48							45	50	
49							45	50	
50							45	50	
51							45	50	
52							45	50	
53							45	50	
54							45	50	
55							45	50	
56							45	50	
57							45	50	
58							45	50	
59							45	50	
60							45	50	
61							45	50	
62							45	50	
63							45	50	
64							45	50	

Vehicle Options 1-64 [5.2]

Det #	Call	Ext	Que	Add Init	Red Lock	Yell Lock	occ	vol
1	ON	ON		ON				
2	ON	ON		ON				
3	ON	ON		ON				
4	ON	ON		ON				
5	ON	ON		ON				
6	ON	ON		ON				
7	ON	ON		ON				
8	ON	ON		ON				
9	ON	ON		ON				
10	ON	ON		ON				
11	ON	ON		ON				
12	ON	ON		ON				
13	ON	ON		ON				
14	ON	ON		ON				
15	ON	ON		ON				
16	ON	ON		ON				
17	ON	ON		ON				
18	ON	ON		ON				
19	ON	ON		ON				
20	ON	ON		ON				
21	ON	ON		ON				
22	ON	ON		ON				
23	ON	ON		ON				
24	ON	ON		ON				
25	ON	ON		ON				
26	ON	ON		ON				
27	ON	ON		ON				
28	ON	ON		ON				
29	ON	ON		ON				
30	ON	ON		ON				
31	ON	ON		ON				
32	ON	ON		ON				

Vehicle Options 1-64 [5.2]

Det #	Call	Ext	Que	Add AddInit	Red Lock	Yell Lock	occ	vol
33	ON	ON		ON				
34	ON	ON		ON				
35	ON	ON		ON				
36	ON	ON		ON				
37	ON	ON		ON				
38	ON	ON		ON				
39	ON	ON		ON				
40	ON	ON		ON				
41	ON	ON		ON				
42	ON	ON		ON				
43	ON	ON		ON				
44	ON	ON		ON				
45	ON	ON		ON				
46	ON	ON		ON				
47	ON	ON		ON				
48	ON	ON		ON				
49	ON	ON		ON				
50	ON	ON		ON				
51	ON	ON		ON				
52	ON	ON		ON				
53	ON	ON		ON				
54	ON	ON		ON				
55	ON	ON		ON				
56	ON	ON		ON				
57	ON	ON		ON				
58	ON	ON		ON				
59	ON	ON		ON				
60	ON	ON		ON				
61	ON	ON		ON				
62	ON	ON		ON				
63	ON	ON		ON				
64	ON	ON		ON				

Parameters+ 1-64 [5.3]

Det #	oc G	oc Y	oc R	Dlay 1	Dlay 2	Type	Src
1						NORM	
2						NORM	
3						NORM	
4						NORM	
5						NORM	
6						NORM	
7						NORM	
8						NORM	
9						NORM	
10						NORM	
11						NORM	
12						NORM	
13						NORM	
14						NORM	
15						NORM	
16						NORM	
17						NORM	
18						NORM	
19						NORM	
20						NORM	
21						NORM	
22						NORM	
23						NORM	
24						NORM	
25						NORM	
26						NORM	
27						NORM	
28						NORM	
29						NORM	
30						NORM	
31						NORM	
32						NORM	

Parameters+ 1-64 [5.3]

Det #	occ Grn	occ Yell	occ Red	Dlay 1	Dlay 2	Type	Src
33						NORM	
34						NORM	
35						NORM	
36						NORM	
37						NORM	
38						NORM	
39						NORM	
40						NORM	
41						NORM	
42						NORM	
43						NORM	
44						NORM	
45						NORM	
46						NORM	
47						NORM	
48						NORM	
49						NORM	
50						NORM	
51						NORM	
52						NORM	
53						NORM	
54						NORM	
55						NORM	
56						NORM	
57						NORM	
58						NORM	
59						NORM	
60						NORM	
61						NORM	
62						NORM	
63						NORM	
64						NORM	

Ped Det Parms [5.4]

Det #	Call Ø	No Act	Max Pres	Err Cnt
1	3		15	
2	3		15	
3			15	
4			15	
5			15	
6			15	
7			15	
8			15	

Unit Paramters [1.2.1]

TS2 Det Faults	ON
Vol/Occ Report Parm [1.5.8]	
Vol/Occ Period Minutes	0
Vol/Occ Period Minutes	15

Rt 24 @ Nassau Cnty Park Sig # 103.05

Preemption Times [3.1], Options+ [3.6]

Pre #	Enable	Type	Output	Delay	MinDura
1	ON	RAIL	Dwell		15
2	ON	RAIL	Dwell		15
3	ON	EMERG	Dwell		5
4	ON	EMERG	Dwell		5
5	ON	EMERG	Dwell		5
6	ON	EMERG	Dwell		5

Pre #	MaxPres	MinGrn	MinWlk	PedClr	Co+Pre
1	180	3			ON
2	180	3			ON
3	180	3		10	ON
4	180	3		10	ON
5	180	3		10	ON
6	180	3		10	ON

Pre #	Track Grn	Min Dwell	Ext Dwell	PedClr+	Yel
1		2			
2		2			
3		2			
4		2			
5		2			
6		2			

Pre #	Red	Pattern	Skip
1			OFF
2			OFF
3			OFF
4			OFF
5			OFF
6			OFF

Low Priority Preempts

Pre #	Type	Min	Max
7	OFF		
8	OFF		
9	OFF		
10	OFF		

Unit Parameters [1.2.1]

Stop Timer Over Preempt	OFF
Preempt or Ext Output	PRE
Max Seek Track Time	
Max Seek Dwell Time	

Channel Parameters [1.8.3]

D Conn Mappings	None
Pre Invert Rail Input	OFF

Track Clear Phases [3.2], Track Clear Overlaps+ [3.5]

Pre #	Track Phases				Track Overlaps											
1																
2																
3																
4																
5																
6																

Dwell Phases [3.2] and Overlaps+ [3.5]

Pre #													
1	Phases												
	Overlap												
	Peds												
2	Phases												
	Overlap												
	Peds												
3	Phases	6											
	Overlap												
	Peds												
4	Phases	2	5										
	Overlap												
	Peds												
5	Phases	3											
	Overlap												
	Peds												
6	Phases												
	Overlap												
	Peds												

Exit Phases [3.2]

Pre #	Exit Phase				
1					
2					
3					
4					
5					
6					

Preemption Options+ [3.6]

Pre #	Lock	Override Auto Flsh	Override Higher	Flsh Dwell	Link
1	ON	ON	ON	OFF	
2	ON	ON	ON	OFF	
3	ON	ON	ON	OFF	
4	ON	ON	ON	OFF	
5	ON	ON	ON	OFF	
6	ON	ON	ON	OFF	

Alt# 1 Times Table [1.1.6.1.2]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 2 Times Table [1.1.6.1.2]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 3 Times Table [1.1.6.1.3]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 1 Options Table [1.1.6.2.1]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 1 Veh Parameters [5.5.1.1]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Swiitch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 1 Veh Options [5.5.1.2]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 1 Veh Parameters+ [5.5.1.3]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 1 Ped Parameters+ [5.5.1.4]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Alt# 2 Options Table [1.1.6.2.2]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 3 Options Table [1.1.6.2.3]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 4 Options Table [1.1.6.2.4]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 2 Veh Parameters [5.5.2.1]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Swiitch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 2 Veh Options [5.5.2.2]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 2 Veh Parameters+ [5.5.2.3]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 2 Ped Parameters+ [5.5.2.4]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Annual Schedule [4.3] Month of Year Day of Week Date Day Plan Link To

	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Day Plan	Link To
1	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON		ON	ON	ON	ON	ON		ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	1	
2	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON						ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	2	
3	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON								ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	1	
4																																																		1	
5																																																			1	
6																																																		1	
7																																																		1	
8																																																		1	
9																																																		1	
10																																																		1	
11																																																		1	
12																																																		1	
13																																																		1	
14																																																		1	
15																																																		1	
16																																																		1	
17																																																		1	
18																																																		1	
19																																																		1	
20																																																		1	
21																																																		1	
22																																																		1	
23																																																		1	
24																																																		1	

Day Plans [4.4]

	Day Plan 1				Day Plan 2				Day Plan 3				Day Plan 4				Day Plan 5				Day Plan 6			
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act	
1	0	0	4	9	0	0	0	1	0	0	4	9	0	0	0	1	0	0	0	9	0	0	0	
2	6	0	1	10	0	0	0	2	7	0	2	10	0	0	0	2	0	0	0	10	0	0	0	
3	9	30	2	11	0	0	0	3	21	0	4	11	0	0	0	3	0	0	0	11	0	0	0	
4	15	0	3	12	0	0	0	4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0	
5	19	30	2	13	0	0	0	5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0	
6	21	0	4	14	0	0	0	6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0	
7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	
8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	

	Day Plan 7				Day Plan 8				Day Plan 9				Day Plan 10				Day Plan 11				Day Plan 12			
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act	
1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0	
2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0	
3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0	
4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0	
5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0	
6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0	
7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	
8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	

	Day Plan 13				Day Plan 14				Day Plan 15			
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act	
1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0	
2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0	
3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0	
4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0	
5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0	
6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0	
7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	
8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	

Action Table [4.5]

Act#	Pat#	A1	A2	A3	S1	S2	S3	S4	S5	S6	S7	S8
1	1											
2	2											
3	3											
4	4											
5	5											
6	6											
7	7											
8	8											
9	9											
10	10											
11	11											
12	12											
13	13											
14	14											
15	15											
16	16											
17	17											
18	18											
19	19											
20	20											
21	21											
22	22											
23	23											
24	24											
25												
26												
27												
28												
29												
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
48												
98												
99												
100	255											

Coord Alternate Tables - Pat+ [2.6]

Pat#	ØOpt	ØTime	DetG	Call Inh	CIC	CNA1	Overlap Off 1	2	3	4	5	6	7	8	Dia	Max2
1															DFT	
2															DFT	
3															DFT	
4															DFT	
5															DFT	
6															DFT	
7															DFT	
8															DFT	
9															DFT	
10															DFT	
11															DFT	
12															DFT	
13															DFT	
14															DFT	
15															DFT	
16															DFT	
17															DFT	
18															DFT	
19															DFT	
20															DFT	
21															DFT	
22															DFT	
23															DFT	
24															DFT	
25															DFT	
26															DFT	
27															DFT	
28															DFT	
29															DFT	
30															DFT	
31															DFT	
32															DFT	
33															DFT	
34															DFT	
35															DFT	
36															DFT	
37															DFT	
38															DFT	
39															DFT	
40															DFT	
41															DFT	
42															DFT	
43															DFT	
44															DFT	
45															DFT	
46															DFT	
47															DFT	
48															DFT	

C1-USER IO Map [1.8.9.1 In]

I1-1	1	Veh Call 1
I1-2	2	Veh Call 2
I1-3	3	Veh Call 3
I1-4	4	Veh Call 4
I1-5	5	Veh Call 5
I1-6	6	Veh Call 6
I1-7	7	Veh Call 7
I1-8	8	Veh Call 8
I2-1	9	Veh Call 9
I2-2	10	Veh Call 10
I2-3	11	Veh Call 11
I2-4	12	Veh Call 12
I2-5	13	Veh Call 13
I2-6	14	Veh Call 14
I2-7	129	Ped Call 1
I2-8	130	Ped Call 2
I3-1	17	Veh Call 17
I3-2	18	Veh Call 18
I3-3	19	Veh Call 19
I3-4	20	Veh Call 20
I3-5	21	Veh Call 21
I3-6	22	Veh Call 22
I3-7	23	Veh Call 23
I3-8	24	Veh Call 24
I4-1	189	Unused
I4-2	189	Unused
I4-3	189	Unused
I4-4	189	Unused
I4-5	189	Unused
I4-6	189	Unused
I4-7	229	33xCMUStop
I4-8	228	33xFlashSns
I5-1	202	Pre 5 In
I5-2	203	Pre 6 In
I5-3	200	Pre 3 In
I5-4	201	Pre 4 In
I5-5	189	Unused
I5-6	189	Unused
I5-7	189	Unused
I5-8	189	Unused
I6-1	189	Unused
I6-2	189	Unused
I6-3	189	Unused
I6-4	189	Unused
I6-5	189	Unused
I6-6	189	Unused
I6-7	189	Unused
I6-8	189	Unused

C1-USER IO Map [1.8.9.2 Out]

O1-1	1	Ch1 Red
O1-2	49	Ch1 Green
O1-3	2	Ch2 Red
O1-4	26	Ch2 Yellow
O1-5	50	Ch2 Green
O1-6	3	Ch3 Red
O1-7	27	Ch3 Yellow
O1-8	51	Ch3 Green
O2-1	4	Ch4 Red
O2-2	52	Ch4 Green
O2-3	5	Ch5 Red
O2-4	29	Ch5 Yellow
O2-5	53	Ch5 Green
O2-6	6	Ch6 Red
O2-7	30	Ch6 Yellow
O2-8	54	Ch6 Green
O3-1	7	Ch7 Red
O3-2	55	Ch7 Green
O3-3	8	Ch8 Red
O3-4	32	Ch8 Yellow
O3-5	56	Ch8 Green
O3-6	9	Ch9 Red
O3-7	33	Ch9 Yellow
O3-8	57	Ch9 Green
O4-1	10	Ch10 Red
O4-2	58	Ch10 Green
O4-3	11	Ch11 Red
O4-4	35	Ch11 Yellow
O4-5	59	Ch11 Green
O4-6	12	Ch12 Red
O4-7	36	Ch12 Yellow
O4-8	60	Ch12 Green
O5-1	28	Ch4 Yellow
O5-2	34	Ch10 Yellow
O5-3	25	Ch1 Yellow
O5-4	31	Ch7 Yellow
O5-5	39	Ch15 Yellow
O5-6	63	Ch15 Green
O5-7	115	Not Used
O5-8	114	Watchdog
O6-1	115	Not Used
O6-2	115	Not Used
O6-3	13	Ch13 Red
O6-4	37	Ch13 Yellow
O6-5	61	Ch13 Green
O6-6	14	Ch14 Red
O6-7	38	Ch14 Yellow
O6-8	62	Ch14 Green

C1-USER IO Map [1.8.9.2 Out]

O7-1	40	Ch16 Yellow
O7-2	16	Ch16 Red
O7-3	64	Ch16 Green
O7-4	115	Not Used
O7-5	115	Not Used
O7-6	115	Not Used
O7-7	115	Not Used
O7-8	15	Ch15 Red

C11S-USER IO Map [1.8.9.1 In]

I4-1		
I4-2		
I4-3		
I4-4		
I7-1	189	Unused
I7-2	189	Unused
I7-3	189	Unused
I7-4	189	Unused
I7-5	189	Unused
I7-6	189	Unused
I7-7	189	Unused
I7-8	189	Unused
I8-1	189	Unused
I8-2	189	Unused
I8-3	189	Unused
I8-4	189	Unused
I8-5	189	Unused
I8-6	189	Unused
I8-7	189	Unused
I8-8	189	Unused

C11S-USER IO Map [1.8.9.2 Out]

O8-1	115	Not Used
O8-2	115	Not Used
O8-3	115	Not Used
O8-4	115	Not Used
O8-5	115	Not Used
O8-6	115	Not Used
O8-7	115	Not Used
O8-8	115	Not Used

IO Logic [1.8.7]

Op1	Result		O1Fcn	Inv1	IO1	Opn1	O2Fcn	Inv2	IO2	Opn2	O3Fcn	Inv3	IO3	Opn3	Dly	Sec
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0

Security Access Levels [8.2]

1	SWLOAD	22	None	43	None
2	SECURE	23	None	44	None
3	None	24	None	45	None
4	None	25	None	46	None
5	None	26	None	47	None
6	None	27	None	48	None
7	None	28	None	49	None
8	None	29	None	50	None
9	None	30	None	51	None
10	None	31	None	52	None
11	None	32	None	53	None
12	None	33	None	54	None
13	None	34	None	55	None
14	None	35	None	56	None
15	None	36	None	57	None
16	None	37	None	58	None
17	None	38	None	59	None
18	None	39	None	60	None
19	None	40	None	61	None
20	None	41	None	62	None
21	None	42	None	63	None
				64	None

Com Parameters [6.1]

Station ID	3051
Group ID	
Master ID	0
Backup Time	0

SysUp Modem [6.1]

Enable Modem	OFF
Idle Time	0
Dial Time	0
Tel:	
Alt:	

2070 Port Parms [6.2]

Port	Baud Rate	FCM
SP1	9600	MODE 6
SP2	9600	MODE 6
SP3	19200	MODE 6
SP4	38400	MODE 6
SP5	1200	AUTO
SP6	1200	AUTO
SP7	1200	AUTO
SP8	1200	AUTO

2070 IP 1 Addressing [6.5]

	Addressing			
Addr	0	0	0	0
Mask	0	0	0	0
Brdcst	0	0	0	0
GtWay	0	0	0	0
Port	0			

2070 IP 2 Addressing [6.5]

	Addressing			
Addr	0	0	0	0
Mask	0	0	0	0
Brdcst	0	0	0	0
GtWay	0	0	0	0
Port	0			

2070 Port Binding Ports [6.6]

	Port	Echo	Mode
ASYNC1	SP1	OFF	0
ASYNC2	SP2	OFF	0
ASYNC3	SP3	OFF	0
ASYNC4	SP4	OFF	0
SYNC1	SP5S	SYNC3	OFF
SYNC2	OFF	SYNC4	OFF

2070 Port Binding Functions [6.6]

Function	Channel	Function	Channel
TS2/CVM	None	SYSUp	ASYNC2
CMU/MMU	None	SYSDown	ASYNC1
Opticom	None	Shell	None
Loop Det.	None		
GPS	-		

#	Event / Alarm	Ev	Alr
1	Power Up Alarm.	ON	
2	Stop Timing	ON	ON
3	TS1 Cabinet Door	ON	ON
4	Coordination Failure	ON	ON
5	External Alarm # 1		
6	External Alarm # 2		
7	External Alarm # 3		
8	External Alarm # 4		
9	Closed Loop Disabled		
10	External Alarm # 5		
11	External Alarm # 6		
12	Manual Control Enable	ON	
13	Coord Free Input	ON	
14	Local Flash Input	ON	
15	MMU Flash	ON	
16	CMU Flash	ON	
17	Cycle Fault	ON	
18	Cycle Failure	ON	
19	Coordination Fault	ON	
20	Controller Fault	ON	
21	Detector SDLC Failure	ON	
22	MMU SDLC Failure	ON	
23	Critical SDLC Failure	ON	
24	Reserved	ON	
25	EEPROM CRC Fault	ON	
26	Detector Diagnostic Failur	ON	ON
27	BIU Detector Failure	ON	
32	Queue detector alarm	ON	
29	Ped Detector Fault	ON	ON
30	Coord Diagnostic Fault	ON	ON
41	TempAlert Probe Ch. A		
42	TempAlert Probe Ch. B		
47	Coord Active	ON	ON
48	Preempt Active	ON	ON
49	Preempt 1 Input	ON	
50	Preempt 2 Input	ON	
51	Preempt 3 Input	ON	
52	Preempt 4 Input	ON	
53	Preempt 5 Input	ON	
54	Preempt 6 Input	ON	
55	Preempt 7 Input	ON	
56	Preempt 8 Input	ON	
57	Preempt 9 Input	ON	
58	Preempt 10 Input	ON	
61	In Transition		
81	FIO Status Alarm		

Call Phases[1.1.5]

Ø	Ø	Phases Called By Ø			
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

Redirect Phases[1.1.5]

	From	To	From	To	From	To	From	To
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

Inhibit Phases[1.1.5]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																

Alt Call & Redirect # 1 [1.1.6.3]

Col	Ø	Phases Called By Ø					From	To	From	To	From	To	From	To	From	To
1							1									
2							2									
3							3									
4							4									
5							5									
6							6									
7							7									
8							8									

Alt Inhibit Phases # 1 [1.1.6.3]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																

Alt Call & Redirect # 2 [1.1.6.3]

Col	Ø	Phases Called By Ø					From	To	From	To	From	To	From	To	From	To
1							1									
2							2									
3							3									
4							4									
5							5									
6							6									
7							7									
8							8									

Alt Inhibit Phases # 2 [1.1.6.3]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																

Coord, CIC Plans [2.3]

CIC	CoØ	Grow	1	2	3	4	5	6	7	8
1	OFF									
2	OFF									
3	OFF									
4	OFF									

Auto Flash Phase/Olap Settings [1.4.2]

Yel Ø								
Yel (olaps)								

Unit Parameters [1.2.1]

Allow Skip Yellow	OFF	Max Cycle Time	
TOD Dim Enable	OFF	Cycle Fault Action	Alarm
Tone Disable	OFF		
Diamond Mode	4Ph		
Backup Time (s)	900		
Disable Init Ped	OFF		
Cycle Fault Action	Alarm		
Enable Run Timer	ON		

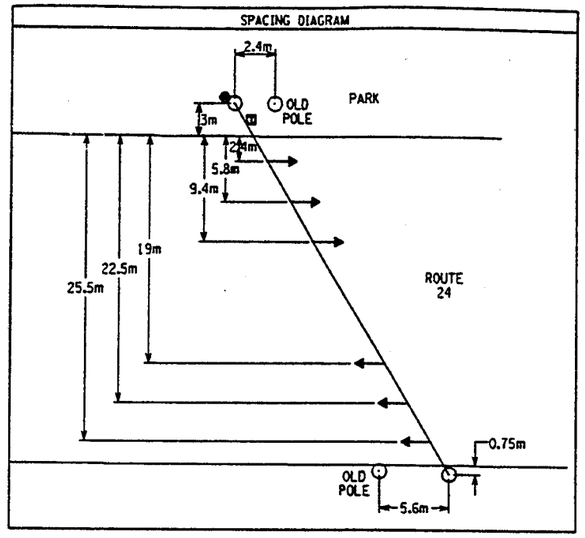
D257393

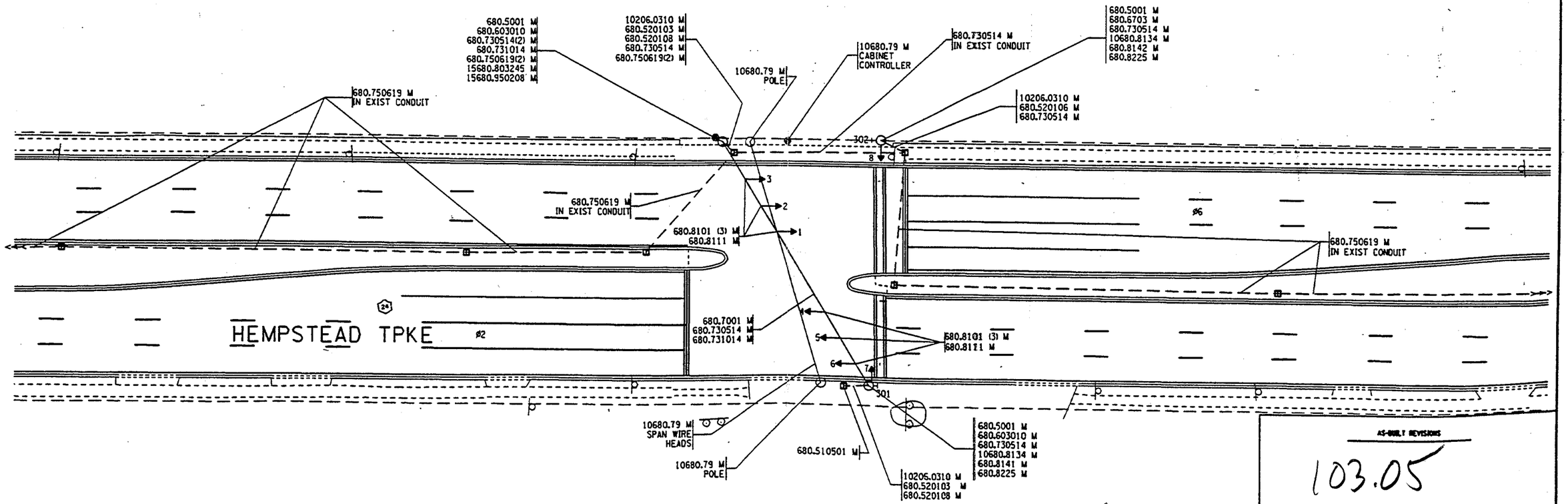
FED. ROAD REG. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.		138	149

N.Y. 24, HEMPSTEAD TURNPIKE, SR
MEADOWBROOK PARKWAY TO WANTAGH PARKWAY
NASSAU COUNTY

NOTES:
SEE TSP-11A FOR SEQUENCE TABLE, CLEARANCE TABLE, NOTES & ESTIMATE.

Loc 13





SIG# 103.05

AS-BUILT REVISIONS

103.05

SIGNATURE DATE

TRAFFIC SIGNAL PLAN

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

DRAWING NO.	SCALE	DATE	REGION TEN
TSP-11	250:1	4/1/97	

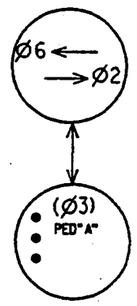
CAD 3 REG.10 FILE: 0553168.TRF
DRAFTED BY
CHECKED BY
ESTIMATED BY
CHECKED BY
DESIGNED BY
IN CHARGE OF

D257393

FED. ROAD REG. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.		139	149
N.Y. 24, HEMPSTEAD TURNPIKE, 3R				
MEADOWBROOK PARKWAY TO WANTAGH PARKWAY				
NASSAU COUNTY				

SEQUENCE TABLE
SIGNAL NO. 103.05

PHASE	FACES 1,2,3,4,5,6	FACES 7,8
	(R) (Y) (G)	DON'T WALK / WALK
	300mm	—
ø2 & ø6	G	DW
ø3	R	DW •
FLASH	Y	—



PHASE 2 AND 6 SHALL BE PLACED ON RECALL GREEN.
• SHALL BE (WALK) UPON ACTUATION FOLLOWED BY A FLASHING (DON'T WALK) PHASE.

CLEARANCE TABLE

CLEARANCE	FROM / TO	R	G
1ST	R	R	Y
2ND		R	R
1ST	G	R	G
2ND		R	G

NOTES:

1. All work shall be done in accordance with the NYSDOT Regional Traffic Signal Detail Sheets and NYS Standard Sheets.
2. Prior to beginning any work on the traffic signal, the contractor shall notify the Regional Traffic Signal section to perform an inspection of the existing traffic signal equipment. After the inspection the contractor must then submit a written notification with the date they will assume traffic signal maintenance. No work shall proceed until traffic signal maintenance is assumed. The existing traffic signal shall be maintained under item 619.1611 except for the controller, programming, and timing which shall be maintained by the state.
3. All traffic signals shall be maintained in a traffic responsive operation and all interconnect, where existing, shall be maintained. The contractor shall pay a liquidated damages charge of $250 per calender day actuation and coordination is not maintained.
4. All vehicle detection and signal coordination must be MAINTAINED AT ALL TIMES. Splicing of inductance loop wire, shielded lead-in cable, and interconnect cable shall be allowed for temporary repairs during construction only.
5. Traffic signal turn-ons shall be done by NYS traffic signal personnel only. The contractor shall notify the NYS Traffic Signal Section two weeks prior to the requested date of turn-on.
6. The micro-cabinet shall be mounted 0.75m above finish grade.
7. The traffic signal poles shall have a design loading of 30KN, have a footing moment of 285KN-m, and be 10m high.
8. Concrete work pads shall be installed in front of the controller cabinet as per standard sheet 680-4.
9. The cabinet contents, cabinet, controller, signal heads, ped heads and ped buttons shall be returned to the state. All other equipment shall be disposed of by the contractor.

ESTIMATE OF QUANTITY

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
10206.0310 M	CONDUIT EXCAVATION AND RESTORATION	m	10
619.1611 M	MAINTAIN TRAFFIC SIGNAL EQ.. REQ'T "A"	INTMO	12
680.5001 M	POLE EXCAVATION AND FOUNDATION	m^3	9
680.510501 M	RECTANGULAR PULLBOX, CONCRETE (660 mm X 460 mm)	EA	1
680.520103 M	CONDUIT - 25mm STEEL	m	5
680.520106 M	CONDUIT - 51mm STEEL	m	5
680.520108 M	CONDUIT - 76mm STEEL	m	5
680.603010 M	TRAFFIC SIGNAL POLE	EA	2
680.6703 M	PEDESTRIAN POLE 3m	EA	1
680.7001 M	SINGLE SPAN WIRE ASSEMBLY	EA	1
680.730514 M	5 CONDUCTOR CABLE	m	110
680.731014 M	10 CONDUCTOR CABLE	m	55
680.750619 M	SHIELDED COMMUNICATION CABLE, 6 PAIRS	m	10
15680.803245 M	INSTALL MICROCOMPUTER CABINET	EA	1
680.8101 M	TRAFFIC SIGNAL SECTION, 300 mm	EA	18
680.8111 M	TRAFFIC SIGNAL BRACKET, 1-WAY	EA	6
10680.8134 M	PEDESTRIAN SIGNAL HEAD, FIBER OPTIC, 400 mm	EA	2
680.8141 M	PEDESTRIAN SIGNAL BRACKET, POLE MOUNT	EA	1
680.8142 M	PEDESTRIAN SIGNAL BRACKET, POST TOP MOUN	EA	1
680.8225 M	PEDESTRIAN PUSHBUTTON & SIGN	EA	2
15680.950208 M	SERVICE CABLE, 2 CONDUCTOR # 8 AWG	m	10
10680.79 M	REMOVE TRAFFIC SIGNAL EQUIPMENT	LS	1

DESIGNED BY ____ CHECKED BY ____ ESTIMATED BY ____ CHECKED BY ____ IN CHARGE OF ____

AS-BUILT REVISIONS

103.05(2)

SIGNATURE ____ DATE ____

TRAFFIC SIGNAL PLAN

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

DRAWING NO.	SCALE	DATE	REGION TEN
TSP-11A	NONE	4/16/97	

ROUTE 24 & PARK PEDESTRIAN SIGNAL

SIGNAL OPERATION SPECIFICATIONS
TABLE OF SWITCH PACKS

SIGNAL NO. 103.05 COUNTY NASSAU

SWITCH PACK	FUNCTION	FACE NOS.		INDICATIONS	TERMINAL WIRING BOARD	
					TERMINAL	WIRE COLOR CODE
SP1				GROUND WIRE	SP 1R SP 1Y SP 1G GROUND BUS	
SP2	Ø6	1,2,3		R Y G GROUND WIRE	SP 2R SP 2Y SP 2G GROUND BUS	14/10C-1-R/B 14/10C-1-O/B 14/10C-1-G/B 14/10C-1-W/B
SP3	Ø2	4,5,6		R Y G GROUND WIRE	SP 3R SP 3Y SP 3G GROUND BUS	14/10C-1-R 14/10C-1-O 14/10C-1-G 14/10C-1-W
SP4				GROUND WIRE	SP 4R SP 4Y SP 4G GROUND BUS	
SP5	PED"A" (Ø3)	7	8	DON'T WALK. WALK GROUND WIRE	SP 5R SP 5Y SP 5G GROUND BUS	14/5C-1-R | 14/5C-2-R 14/5C-1-G | 14/5C-2-G 14/5C-1-W | 14/5C-2-W
SP6				GROUND WIRE	SP 6R SP 6Y SP 6G GROUND BUS	

ROUTE 24 & COOLIDGE DRIVE

SIGNAL OPERATION SPECIFICATIONS
TABLE OF SWITCH PACKS

SIGNAL NO. 103.08 COUNTY NASSAU

SWITCH PACK	FUNCTION	FACE NOS.		INDICATIONS	TERMINAL WIRING BOARD	
					TERMINAL	WIRE COLOR CODE
SP1				GROUND WIRE	SP 1R SP 1Y SP 1G GROUND BUS	
SP2	Ø6	1,2,3		R Y G GROUND WIRE	SP 2R SP 2Y SP 2G GROUND BUS	14/19C-1-R/B 14/19C-1-O/B 14/19C-1-G/B 14/19C-1-W/B
SP3	Ø2	4,5,6		R Y G GROUND WIRE	SP 3R SP 3Y SP 3G GROUND BUS	14/19C-1-R 14/19C-1-O 14/19C-1-G 14/19C-1-W
SP4				GROUND WIRE	SP 4R SP 4Y SP 4G GROUND BUS	
SP5	PED"A" (Ø3)	9	10	DON'T WALK WALK GROUND WIRE	SP 5R SP 5Y SP 5G GROUND BUS	14/5C-1-R | 14/5C-2-R 14/5C-1-G | 14/5C-2-G 14/5C-1-W | 14/5C-2-W
SP6				GROUND WIRE	SP 6R SP 6Y SP 6G GROUND BUS	
SP7	Ø3	7,8		R Y G GROUND WIRE	SP 7R SP 7Y SP 7G GROUND BUS	14/19C-1-R/W 14/19C-1-BL/W 14/19C-1-G/W 14/19C-1-B/W
SP8				GROUND WIRE	SP 8R SP 8Y SP 8G GROUND BUS	
SP9				GROUND WIRE	SP 9R SP 9Y SP 9G GROUND BUS	
SP10				GROUND WIRE	SP 10R SP 10Y SP 10G GROUND BUS	
SP11				GROUND WIRE	SP 11R SP 11Y SP 11G GROUND BUS	
SP12				GROUND WIRE	SP 12R SP 12Y SP 12G GROUND BUS	

Rte-24
103.05(3)

SIGNAL OPERATION SPECIFICATIONS
TABLE OF INPUT WIRING

SIGNAL NO. 103.05 COUNTY NASSAU

FUNCTION	DETECTOR NUMBER	TYPE	TERMINAL BOARD WIRING
			1A . 1B
			2A . 2B
			3A . 3B
			4A . 4B
			5A . 5B
			6A . 6B
			7A . 7B
			8A . 8B
			9A . 9B
			10A . 10B
			11A . 11B
			12A . 12B
			13A . 13B
			14A . 14B
Ø3	302	PEDESTRIAN BUTTON	15A . 15B
Ø3	301	PEDESTRIAN BUTTON	16A . 16B

SIGNAL OPERATION SPECIFICATIONS
TABLE OF INPUT WIRING

SIGNAL NO. 103.08 COUNTY NASSAU

FUNCTION	DETECTOR NUMBER	TYPE	TERMINAL BOARD WIRING
Ø3	DET 31	PRESENCE LOOP	1A . 1B
Ø3	DET 32	PRESENCE LOOP	2A . 2B
			3A . 3B
			4A . 4B
			5A . 5B
			6A . 6B
			7A . 7B
			8A . 8B
			9A . 9B
			10A . 10B
			11A . 11B
			12A . 12B
			13A . 13B
			14A . 14B
			15A . 15B
Ø3	301.302	PED BUTTON	16A . 16B

G=CI
R=CI
→=R
⊟=L
⊕=L

Loc 14

3052

Phase Times [1.1.1] 6 1 2

	1	2	3	4	5	6	7	8
Min Green		10	5		5	10		
Gap, Ext			3		2			
Max 1		60	25		20	60		
Max 2								
Yel Clearance		5	4		3	5		
Red Clearance		2	3		2	2		
Walk			7					
Ped Clearance			25					
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								
Options [1.1.2]	1	2	3	4	5	6	7	8
Enable		ON	ON		ON	ON		
Min Recall								
Max Recall		ON				ON		
Ped Recall								
Soft Recall								
Lock Calls								
Auto Flash Entry								
Auto Flash Exit								
Dual Entry		ON				ON		
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								
Options+ [1.1.3]	1	2	3	4	5	6	7	8
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay			5					

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	180	25	1	1	13	0	0	13	1	25	0	0	0	1	37	0	0	0	1
2	70	23	2	1	14	0	0	14	1	26	0	0	0	1	38	0	0	0	1
3	170	161	3	1	15	0	0	15	1	27	0	0	0	1	39	0	0	0	1
4	60	58	4	1	16	0	0	16	1	28	0	0	0	1	40	0	0	0	1
5	0	0	5	1	17	0	0	17	1	29	0	0	0	1	41	0	0	0	1
6	0	0	6	1	18	0	0	18	1	30	0	0	0	1	42	0	0	0	1
7	0	0	7	1	19	0	0	19	1	31	0	0	0	1	43	0	0	0	1
8	0	0	8	1	20	0	0	20	1	32	0	0	0	1	44	0	0	0	1
9	180	142	9	1	21	0	0	21	1	33	0	0	0	1	45	0	0	0	1
10	180	38	10	1	22	0	0	22	1	34	0	0	0	1	46	0	0	0	1
11	0	0	11	1	23	0	0	23	1	35	0	0	0	1	47	0	0	0	1
12	0	0	12	1	24	0	0	24	1	36	0	0	0	1	48	0	0	0	1
Split		1	62	3	4	15	26	7	8	Split		1	2	3	4	5	6	7	8
1	Coor	0	144	36	0	20	124	36	0	13	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
2	Coor	0	50	20	0	12	38	20	0	14	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
3	Coor	0	134	36	0	20	114	36	0	15	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
4	Coor	0	44	16	0	12	32	16	0	16	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
5	Coor	0	0	0	0	0	0	0	0	17	Coor	0	0	0	0	0	0	0	0
	2	NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
6	Coor	0	0	0	0	0	0	0	0	18	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
7	Coor	0	0	0	0	0	0	0	0	19	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
8	Coor	0	0	0	0	0	0	0	0	20	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
9	Coor	0	144	36	0	20	124	36	0	21	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
10	Coor	0	144	36	0	20	124	36	0	22	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
11	Coor	0	0	0	0	0	0	0	0	23	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
12	Coor	0	0	0	0	0	0	0	0	24	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON

Page#	
1	8 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
1A&1B	16 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
2	Overlaps; Channel Settings; Coord Alt Table+ (values not associated with time-of-day)
3	Detection; Sample Time and Unit Parameters related to detection
4	Preemption and Alternate Phase Time and Phase Options
5	Annual Schedule
6	Day Plans; Action Tables; Coord Alt Table+ (values varied by time-of-day)
7	Communications; Secutiry; I/O Setup
8	Misc - Events/Alarms; Call/Inhibit/Redirect; P/OLAP Auto Flash; CIC; Misc Unit Param

Ring/Startup [1.1.4]

Phs	Ring	Start	Enable
1	1	Red	OFF
2	1	Green	ON
3	1	Red	ON
4	1	Red	OFF
5	2	Red	ON
6	2	Green	ON
7	2	Red	OFF
8	2	Red	OFF

Coord Modes [2.1]

Test OpMode	0
Correction	SHRT/LNG
Maximum	MAX 1
Force-Off	FIXED
Closed Loop	ON
Stop-in-Walk	ON
Auto Reset	ON
Expand Splt	OFF
Ped Recycle	NO_RECYCLE
Before	TIMED
After	TIMED

Auto Flash [1.4.1]

Auto Flash	PH OVER
Flash Yel	45
Flash Red	20

Unit Params [1.2.1]

Phase Mode	STD8
IO Mode	User
Loc Flsh Start	Red
Start Flash(s)	0
Start AllRed(s)	6
Yellow < 3"	OFF
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	1
Auxswitch	STOPTM
SDLC Retry	0
TS2 Det Faults	ON
Auto Ped Clear	OFF
SDLC Retry	0

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Times [1.1.1]	1	2	3	4	5	6	7	8
Min Green		10	5		5	10		
Gap, Ext			3		2			
Max 1		60	25		20	60		
Max 2								
Yel Clearance		5	4		3	5		
Red Clearance		2	3		2	2		
Walk			7					
Ped Clearance			25					
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								

Options [1.1.2]	1	2	3	4	5	6	7	8
Enable		ON	ON		ON	ON		
Min Recall								
Max Recall		ON				ON		
Ped Recall								
Soft Recall								
Lock Calls								
Auto Flash Entry								
Auto Flash Exit								
Dual Entry		ON				ON		
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								

Options+ [1.1.3]	1	2	3	4	5	6	7	8
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay	0	0	5	0	0	0	0	0

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Coord Patterns [2.4] and Split Tables [2.7.1]

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	180	25	1	1	13	0	0	13	1	25	0	0	0	1	37	0	0	0	1
2	70	23	2	1	14	0	0	14	1	26	0	0	0	1	38	0	0	0	1
3	170	161	3	1	15	0	0	15	1	27	0	0	0	1	39	0	0	0	1
4	60	58	4	1	16	0	0	16	1	28	0	0	0	1	40	0	0	0	1
5	0	0	5	1	17	0	0	17	1	29	0	0	0	1	41	0	0	0	1
6	0	0	6	1	18	0	0	18	1	30	0	0	0	1	42	0	0	0	1
7	0	0	7	1	19	0	0	19	1	31	0	0	0	1	43	0	0	0	1
8	0	0	8	1	20	0	0	20	1	32	0	0	0	1	44	0	0	0	1
9	180	142	9	1	21	0	0	21	1	33	0	0	0	1	45	0	0	0	1
10	180	38	10	1	22	0	0	22	1	34	0	0	0	1	46	0	0	0	1
11	0	0	11	1	23	0	0	23	1	35	0	0	0	1	47	0	0	0	1
12	0	0	12	1	24	0	0	24	1	36	0	0	0	1	48	0	0	0	1

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Coor	0	144	36	0	20	124	36	0	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
2	Coor	0	50	20	0	12	38	20	0	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
3	Coor	0	134	36	0	20	114	36	0	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
4	Coor	0	44	16	0	12	32	16	0	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
5	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
6	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
7	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
8	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
9	Coor	0	144	36	0	20	124	36	0	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
10	Coor	0	144	36	0	20	124	36	0	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
11	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
12	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
13	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
14	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
15	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
16	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

User Phase Mode

Phase>8 or Rings > 2

Coord Modes [2.1]	
Test OpMode	0
Correction	SHRT/LNG
Maximum	MAX 1
Force-Off	FIXED
Closed Loop	ON
Stop-in-Walk	ON
Auto Reset	ON
Expand Splt	OFF
Ped Recycle	NO_RECYCLE
Before	TIMED
After	TIMED
Auto Flash [1.4.1]	
Auto Flash	PH OVER
Flash Yel	45
Flash Red	20
Unit Params [1.2.1]	
Phase Mode	STD8
IO Mode	User
Loc Flsh Start	Red
Start Flash(s)	0
Start AllRed(s)	6
Yellow < 3"	OFF
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	1
Auxswitch	STOPTM
SDLC RetryTm	0
TS2 Det Faults	ON
Auto Ped Clear	OFF

<- Mode NON is Blank

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Times [1.1.1]	9	10	11	12	13	14	15	16
Min Green								
Gap, Ext								
Max 1								
Max 2								
Yel Clearance	3	4	3	4	3	4	3	4
Red Clearance	2	2	2	2	2	2	2	2
Walk								
Ped Clearance								
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								

Options [1.1.2]	9	10	11	12	13	14	15	16
Enable								
Min Recall								
Max Recall								
Ped Recall								
Soft Recall								
Lock Calls								
Auto Flash Entry								
Auto Flash Exit								
Dual Entry								
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								

Options+ [1.1.3]	9	10	11	12	13	14	15	16
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay								

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1] — Ring/Startup [1.1.4]

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Phs	Ring	Start
17	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	2	1	Green
18	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	4	1	Red
19	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	6	2	Green
20	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	2	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	8	2	Red
21	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	10		Red
22	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	12		Red
23	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	14		Red
24	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	16		Red

Concurrency [1.1.4]

Phs	Concurrent Phases										Phs	Concurrent Phases								
1	5	6	0	0	0	0	0	0			9	0	0	0	0	0	0	0	0	
2	5	6	0	0	0	0	0	0			10	0	0	0	0	0	0	0	0	
3	7	8	0	0	0	0	0	0			11	0	0	0	0	0	0	0	0	
4	7	8	0	0	0	0	0	0			12	0	0	0	0	0	0	0	0	
5	1	2	0	0	0	0	0	0			13	0	0	0	0	0	0	0	0	
6	1	2	0	0	0	0	0	0			14	0	0	0	0	0	0	0	0	
7	3	4	0	0	0	0	0	0			15	0	0	0	0	0	0	0	0	
8	3	4	0	0	0	0	0	0			16	0	0	0	0	0	0	0	0	

Note: Expanded Splits are not used because "Expanded Splits" is OFF

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	0	0	1	1	25	0	0	0	1
2	0	0	2	1	26	0	0	0	1
3	0	0	3	1	27	0	0	0	1
4	0	0	4	1	28	0	0	0	1
5	0	0	5	1	29	0	0	0	1
6	0	0	6	1	30	0	0	0	1
7	0	0	7	1	31	0	0	0	1
8	0	0	8	1	32	0	0	0	1
9	0	0	9	1	33	0	0	0	1
10	0	0	10	1	34	0	0	0	1
11	0	0	11	1	35	0	0	0	1
12	0	0	12	1	36	0	0	0	1
13	0	0	13	1	37	0	0	0	1
14	0	0	14	1	38	0	0	0	1
15	0	0	15	1	39	0	0	0	1
16	0	0	16	1	40	0	0	0	1
17	0	0	17	1	41	0	0	0	1
18	0	0	18	1	42	0	0	0	1
19	0	0	19	1	43	0	0	0	1
20	0	0	20	1	44	0	0	0	1
21	0	0	21	1	45	0	0	0	1
22	0	0	22	1	46	0	0	0	1
23	0	0	23	1	47	0	0	0	1
24	0	0	24	1	48	0	0	0	1

Expanded Splits	**OFF**

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

24	Coord	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON
		0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
2	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
3	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
4	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
5	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
6	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
7	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
8	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
9	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
10	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
11	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
12	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
13	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
14	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
15	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
16	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
17	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
18	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
19	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
20	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
21	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
22	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
23	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

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Overlap 1-16 Program Parms & Parm+ [1.5.2.1] [1.5.2.2]

Overlap Conflict Lock	OFF	Overlap Lock Inhibit	OFF	Parent Ph Clearance	OFF	Extra Included Ph	ON

	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
1	Modifier Ø								Grn		9	Modifier Ø								Grn	
	Conflict Ø								Yel	4		Conflict Ø								Yel	3.5
A	Conflict Olap								Red	2.4	I	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
2	Modifier Ø								Grn		10	Modifier Ø								Grn	
	Conflict Ø								Yel	3		Conflict Ø								Yel	3.5
B	Conflict Olap								Red	2	J	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
3	Modifier Ø								Grn		11	Modifier Ø								Grn	
	Conflict Ø								Yel	3		Conflict Ø								Yel	3.5
C	Conflict Olap								Red	2	K	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
4	Modifier Ø								Grn		12	Modifier Ø								Grn	
	Conflict Ø								Yel	3		Conflict Ø								Yel	3.5
D	Conflict Olap								Red	2	L	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
5	Modifier Ø								Grn		13	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
E	Conflict Olap								Red	1.5	M	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
6	Modifier Ø								Grn		14	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
F	Conflict Olap								Red	1.5	N	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
7	Modifier Ø								Grn		15	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
G	Conflict Olap								Red	1.5	O	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
8	Modifier Ø								Grn		16	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
H	Conflict Olap								Red	1.5	P	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	

Channel Settings [1.8.1]

.....Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Phase / Olap #		6	2		3		3			5														
Channel Type	VEH	VEH	VEH	VEH	PED	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Channel Flash	Red	YEL	YEL	Red	DRK	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	DRK	DRK	DRK	DRK	DRK	DRK	DRK	DRK
Alt Hz																								

Channel+ Settings [1.8.4]

.....Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Flash Red+																								
Flash Yellow+																								
Flash Green+																								
Flash Inh Red+																								
Olap Ovrd																								

Coord Transition, CoorPhs [2.5]

Pat#	Short	Long	Dwell	No Shortway Ø				E-Yld	Offset	RetHld	Float	Min Veh Perm	Min Ped Perm
1	12	22							EndGRN				
2	12	22							EndGRN				
3	12	22							EndGRN				
4	12	22							EndGRN				
5	12	22							EndGRN				
6	12	22							EndGRN				
7	12	22							EndGRN				
8	12	22							EndGRN				
9	12	22							EndGRN				
10	12	22							EndGRN				
11	12	22							EndGRN				
12	12	22							EndGRN				
13	12	22							EndGRN				
14	12	22							EndGRN				
15	12	22							EndGRN				
16	12	22							EndGRN				
17	12	22							EndGRN				
18	12	22							EndGRN				
19	12	22							EndGRN				
20	12	22							EndGRN				
21	12	22							EndGRN				
22	12	22							EndGRN				
23	12	22							EndGRN				
24	12	22							EndGRN				
25									BegGRN				
26									BegGRN				
27									BegGRN				
28									BegGRN				
29									BegGRN				
30									BegGRN				
31									BegGRN				
32									BegGRN				
33									BegGRN				
34									BegGRN				
35									BegGRN				
36									BegGRN				
37									BegGRN				
38									BegGRN				
39									BegGRN				
40									BegGRN				
41									BegGRN				
42									BegGRN				
43									BegGRN				
44									BegGRN				
45									BegGRN				
46									BegGRN				
47									BegGRN				
48									BegGRN				

Channel Params[1.8.3]

C1 IO Mode	User	Single BIU Map	SINGLE	Invert Rail Input	OFF

Veh Par 1-64 [5.1]

Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time
1	3						45	50	255
2	3						45	50	255
3							45	50	255
4	5						45	50	255
5							45	50	255
6							45	50	255
7							45	50	255
8							45	50	255
9							45	50	255
10							45	50	255
11							45	50	255
12							45	50	255
13							45	50	255
14							45	50	255
15							45	50	255
16							45	50	255
17							45	50	255
18							45	50	255
19							45	50	255
20							45	50	255
21							45	50	255
22							45	50	255
23							45	50	255
24							45	50	255
25							45	50	255
26							45	50	255
27							45	50	255
28							45	50	255
29							45	50	
30							45	50	
31							45	50	
32							45	50	

Veh Par 1-64 [5.1]

Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time
33							45	50	
34							45	50	
35							45	50	
36							45	50	
37							45	50	
38							45	50	
39							45	50	
40							45	50	
41							45	50	
42							45	50	
43							45	50	
44							45	50	
45							45	50	
46							45	50	
47							45	50	
48							45	50	
49							45	50	
50							45	50	
51							45	50	
52							45	50	
53							45	50	
54							45	50	
55							45	50	
56							45	50	
57							45	50	
58							45	50	
59							45	50	
60							45	50	
61							45	50	
62							45	50	
63							45	50	
64							45	50	

Vehicle Options 1-64 [5.2]

Det #	Call	Ext	Que	Add Init	Red Lock	Yell Lock	occ	vol
1	ON	ON		ON				
2	ON	ON		ON				
3	ON	ON		ON				
4	ON	ON		ON				
5	ON	ON		ON				
6	ON	ON		ON				
7	ON	ON		ON				
8	ON	ON		ON				
9	ON	ON		ON				
10	ON	ON		ON				
11	ON	ON		ON				
12	ON	ON		ON				
13	ON	ON		ON				
14	ON	ON		ON				
15	ON	ON		ON				
16	ON	ON		ON				
17	ON	ON		ON				
18	ON	ON		ON				
19	ON	ON		ON				
20	ON	ON		ON				
21	ON	ON		ON				
22	ON	ON		ON				
23	ON	ON		ON				
24	ON	ON		ON				
25	ON	ON		ON				
26	ON	ON		ON				
27	ON	ON		ON				
28	ON	ON		ON				
29	ON	ON		ON				
30	ON	ON		ON				
31	ON	ON		ON				
32	ON	ON		ON				

Vehicle Options 1-64 [5.2]

Det #	Call	Ext	Que	Add AddInit	Red Lock	Yell Lock	occ	vol
33	ON	ON		ON				
34	ON	ON		ON				
35	ON	ON		ON				
36	ON	ON		ON				
37	ON	ON		ON				
38	ON	ON		ON				
39	ON	ON		ON				
40	ON	ON		ON				
41	ON	ON		ON				
42	ON	ON		ON				
43	ON	ON		ON				
44	ON	ON		ON				
45	ON	ON		ON				
46	ON	ON		ON				
47	ON	ON		ON				
48	ON	ON		ON				
49	ON	ON		ON				
50	ON	ON		ON				
51	ON	ON		ON				
52	ON	ON		ON				
53	ON	ON		ON				
54	ON	ON		ON				
55	ON	ON		ON				
56	ON	ON		ON				
57	ON	ON		ON				
58	ON	ON		ON				
59	ON	ON		ON				
60	ON	ON		ON				
61	ON	ON		ON				
62	ON	ON		ON				
63	ON	ON		ON				
64	ON	ON		ON				

Parameters+ 1-64 [5.3]

Det #	oc G	oc Y	oc R	Dlay 1	Dlay 2	Type	Src
1						NORM	
2						NORM	
3						NORM	
4						NORM	
5						NORM	
6						NORM	
7						NORM	
8						NORM	
9						NORM	
10						NORM	
11						NORM	
12						NORM	
13						NORM	
14						NORM	
15						NORM	
16						NORM	
17						NORM	
18						NORM	
19						NORM	
20						NORM	
21						NORM	
22						NORM	
23						NORM	
24						NORM	
25						NORM	
26						NORM	
27						NORM	
28						NORM	
29						NORM	
30						NORM	
31						NORM	
32						NORM	

Parameters+ 1-64 [5.3]

Det #	occ Grn	occ Yell	occ Red	Dlay 1	Dlay 2	Type	Src
33						NORM	
34						NORM	
35						NORM	
36						NORM	
37						NORM	
38						NORM	
39						NORM	
40						NORM	
41						NORM	
42						NORM	
43						NORM	
44						NORM	
45						NORM	
46						NORM	
47						NORM	
48						NORM	
49						NORM	
50						NORM	
51						NORM	
52						NORM	
53						NORM	
54						NORM	
55						NORM	
56						NORM	
57						NORM	
58						NORM	
59						NORM	
60						NORM	
61						NORM	
62						NORM	
63						NORM	
64						NORM	

Ped Det Parms [5.4]

Det #	Call Ø	No Act	Max Pres	Err Cnt
1	3		15	
2	3		15	
3			15	
4			15	
5			15	
6			15	
7			15	
8			15	

Unit Paramters [1.2.1]

TS2 Det Faults	ON
Vol/Occ Report Parm [1.5.8]	
Vol/Occ Period Minutes	0
Vol/Occ Period Minutes	15

Rt 24 @ Coolidge Dr Sig # 103.08

Preemption Times [3.1], Options+ [3.6]

Pre #	Enable	Type	Output	Delay	MinDura
1	ON	RAIL	Dwell		15
2	ON	RAIL	Dwell		15
3	ON	EMERG	Dwell		5
4	ON	EMERG	Dwell		5
5	ON	EMERG	Dwell		5
6	ON	EMERG	Dwell		5
Pre #	MaxPres	MinGrn	MinWlk	PedClr	Co+Pre
1	180	3			ON
2	180	3			ON
3	180	3		10	ON
4	180	3		10	ON
5	180	3		10	ON
6	180	3		10	ON
Pre #	Track Grn	Min Dwell	Ext Dwell	PedClr+	Yel
1		2			
2		2			
3		2			
4		2			
5		2			
6		2			

Pre #	Red	Pattern	Skip
1			OFF
2			OFF
3			OFF
4			OFF
5			OFF
6			OFF

Low Priority Preempts

Pre #	Type	Min	Max
7	OFF		
8	OFF		
9	OFF		
10	OFF		

Unit Parameters [1.2.1]

Stop Timer Over Preempt	OFF
Preempt or Ext Output	PRE
Max Seek Track Time	
Max Seek Dwell Time	

Channel Parameters [1.8.3]

D Conn Mappings	None
Pre Invert Rail Input	OFF

Track Clear Phases [3.2], Track Clear Overlaps+ [3.5]

Pre #	Track Phases				Track Overlaps											
1																
2																
3																
4																
5																
6																

Dwell Phases [3.2] and Overlaps+ [3.5]

Pre #													
1	Phases												
	Overlap												
	Peds												
2	Phases												
	Overlap												
	Peds												
3	Phases	6											
	Overlap												
	Peds												
4	Phases	2	5										
	Overlap												
	Peds												
5	Phases	3											
	Overlap												
	Peds												
6	Phases												
	Overlap												
	Peds												

Exit Phases [3.2]

Pre #	Exit Phase			
1				
2				
3				
4				
5				
6				

Preemption Options+ [3.6]

Pre #	Lock	Override Auto Flsh	Override Higher	Flsh Dwell	Link
1	ON	ON	ON	OFF	
2	ON	ON	ON	OFF	
3	ON	ON	ON	OFF	
4	ON	ON	ON	OFF	
5	ON	ON	ON	OFF	
6	ON	ON	ON	OFF	

Alt# 1 Times Table [1.1.6.1.2]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 2 Times Table [1.1.6.1.2]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 3 Times Table [1.1.6.1.3]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 1 Options Table [1.1.6.2.1]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 1 Veh Parameters [5.5.1.1]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Swiitch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 1 Veh Options [5.5.1.2]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 1 Veh Parameters+ [5.5.1.3]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 1 Ped Parameters+ [5.5.1.4]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Alt# 2 Options Table [1.1.6.2.2]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 3 Options Table [1.1.6.2.3]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 4 Options Table [1.1.6.2.4]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 2 Veh Parameters [5.5.2.1]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Swiitch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 2 Veh Options [5.5.2.2]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 2 Veh Parameters+ [5.5.2.3]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 2 Ped Parameters+ [5.5.2.4]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Annual Schedule [4.3]	Month of Year												Day of Week							Date																										Day Plan	Link To
1	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON		ON	ON	ON	ON	ON		ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	1	
2	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON						ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	2	
3	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON								ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	1	
4	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
5	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
6	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
7	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
8	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
9	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
10	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
11	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
12	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
13	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
14	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
15	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
16	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
17	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
18	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
19	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
20	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
21	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
22	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
23	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
24	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	

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Day Plans [4.4]

Day Plan 1

	Hour	Min	Act		Hour	Min	Act
1	0	0	4	9	0	0	0
2	6	0	1	10	0	0	0
3	9	30	2	11	0	0	0
4	15	0	3	12	0	0	0
5	19	30	2	13	0	0	0
6	21	0	4	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 2

	Hour	Min	Act		Hour	Min	Act
1	0	0	4	9	0	0	0
2	7	0	2	10	0	0	0
3	21	0	4	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 3

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 4

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 5

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 6

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 7

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 8

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 9

	Hour	Min	Act		Hour	Min	Act
1	0	0	4	9	0	0	0
2	4	0	9	10	0	0	0
3	12	0	10	11	0	0	0
4	22	0	4	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 10

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 11

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 12

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 13

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 14

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 15

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Action Table [4.5]

Act#	Pat#	A1	A2	A3	S1	S2	S3	S4	S5	S6	S7	S8
1	1											
2	2											
3	3											
4	4											
5	5											
6	6											
7	7											
8	8											
9	9											
10	10											
11	11											
12	12											
13	13											
14	14											
15	15											
16	16											
17	17											
18	18											
19	19											
20	20											
21	21											
22	22											
23	23											
24	24											
25												
26												
27												
28												
29												
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
48												
98												
99												
100	255											

Coord Alternate Tables - Pat+ [2.6]

Pat#	ØOpt	ØTime	DetG	Call Inh	CIC	CNA1	Overlap Off 1	2	3	4	5	6	7	8	Dia	Max2
1															DFT	
2															DFT	
3															DFT	
4															DFT	
5															DFT	
6															DFT	
7															DFT	
8															DFT	
9															DFT	
10															DFT	
11															DFT	
12															DFT	
13															DFT	
14															DFT	
15															DFT	
16															DFT	
17															DFT	
18															DFT	
19															DFT	
20															DFT	
21															DFT	
22															DFT	
23															DFT	
24															DFT	
25															DFT	
26															DFT	
27															DFT	
28															DFT	
29															DFT	
30															DFT	
31															DFT	
32															DFT	
33															DFT	
34															DFT	
35															DFT	
36															DFT	
37															DFT	
38															DFT	
39															DFT	
40															DFT	
41															DFT	
42															DFT	
43															DFT	
44															DFT	
45															DFT	
46															DFT	
47															DFT	
48															DFT	

C1-USER IO Map [1.8.9.1 In]

I1-1	1	Veh Call 1
I1-2	2	Veh Call 2
I1-3	3	Veh Call 3
I1-4	4	Veh Call 4
I1-5	5	Veh Call 5
I1-6	6	Veh Call 6
I1-7	7	Veh Call 7
I1-8	8	Veh Call 8
I2-1	9	Veh Call 9
I2-2	10	Veh Call 10
I2-3	11	Veh Call 11
I2-4	12	Veh Call 12
I2-5	13	Veh Call 13
I2-6	14	Veh Call 14
I2-7	129	Ped Call 1
I2-8	130	Ped Call 2
I3-1	17	Veh Call 17
I3-2	18	Veh Call 18
I3-3	19	Veh Call 19
I3-4	20	Veh Call 20
I3-5	21	Veh Call 21
I3-6	22	Veh Call 22
I3-7	23	Veh Call 23
I3-8	24	Veh Call 24
I4-1	189	Unused
I4-2	189	Unused
I4-3	189	Unused
I4-4	189	Unused
I4-5	189	Unused
I4-6	189	Unused
I4-7	229	33xCMUStop
I4-8	228	33xFlashSns
I5-1	202	Pre 5 In
I5-2	203	Pre 6 In
I5-3	200	Pre 3 In
I5-4	201	Pre 4 In
I5-5	189	Unused
I5-6	189	Unused
I5-7	189	Unused
I5-8	189	Unused
I6-1	189	Unused
I6-2	189	Unused
I6-3	189	Unused
I6-4	189	Unused
I6-5	189	Unused
I6-6	189	Unused
I6-7	189	Unused
I6-8	189	Unused

C1-USER IO Map [1.8.9.2 Out]

O1-1	1	Ch1 Red
O1-2	49	Ch1 Green
O1-3	2	Ch2 Red
O1-4	26	Ch2 Yellow
O1-5	50	Ch2 Green
O1-6	3	Ch3 Red
O1-7	27	Ch3 Yellow
O1-8	51	Ch3 Green
O2-1	4	Ch4 Red
O2-2	52	Ch4 Green
O2-3	5	Ch5 Red
O2-4	29	Ch5 Yellow
O2-5	53	Ch5 Green
O2-6	6	Ch6 Red
O2-7	30	Ch6 Yellow
O2-8	54	Ch6 Green
O3-1	7	Ch7 Red
O3-2	55	Ch7 Green
O3-3	8	Ch8 Red
O3-4	32	Ch8 Yellow
O3-5	56	Ch8 Green
O3-6	9	Ch9 Red
O3-7	33	Ch9 Yellow
O3-8	57	Ch9 Green
O4-1	10	Ch10 Red
O4-2	58	Ch10 Green
O4-3	11	Ch11 Red
O4-4	35	Ch11 Yellow
O4-5	59	Ch11 Green
O4-6	12	Ch12 Red
O4-7	36	Ch12 Yellow
O4-8	60	Ch12 Green
O5-1	28	Ch4 Yellow
O5-2	34	Ch10 Yellow
O5-3	25	Ch1 Yellow
O5-4	31	Ch7 Yellow
O5-5	39	Ch15 Yellow
O5-6	63	Ch15 Green
O5-7	115	Not Used
O5-8	114	Watchdog
O6-1	115	Not Used
O6-2	115	Not Used
O6-3	13	Ch13 Red
O6-4	37	Ch13 Yellow
O6-5	61	Ch13 Green
O6-6	14	Ch14 Red
O6-7	38	Ch14 Yellow
O6-8	62	Ch14 Green

C1-USER IO Map [1.8.9.2 Out]

O7-1	40	Ch16 Yellow
O7-2	16	Ch16 Red
O7-3	64	Ch16 Green
O7-4	115	Not Used
O7-5	115	Not Used
O7-6	115	Not Used
O7-7	115	Not Used
O7-8	15	Ch15 Red

C11S-USER IO Map [1.8.9.1 In]

I4-1		
I4-2		
I4-3		
I4-4		
I7-1	189	Unused
I7-2	189	Unused
I7-3	189	Unused
I7-4	189	Unused
I7-5	189	Unused
I7-6	189	Unused
I7-7	189	Unused
I7-8	189	Unused
I8-1	189	Unused
I8-2	189	Unused
I8-3	189	Unused
I8-4	189	Unused
I8-5	189	Unused
I8-6	189	Unused
I8-7	189	Unused
I8-8	189	Unused

C11S-USER IO Map [1.8.9.2 Out]

O8-1	115	Not Used
O8-2	115	Not Used
O8-3	115	Not Used
O8-4	115	Not Used
O8-5	115	Not Used
O8-6	115	Not Used
O8-7	115	Not Used
O8-8	115	Not Used

IO Logic [1.8.7]

Op1	Result		O1Fcn	Inv1	IO1	Opn1	O2Fcn	Inv2	IO2	Opn2	O3Fcn	Inv3	IO3	Opn3	Dly	Sec
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0

Security Access Levels [8.2]

1	SWLOAD	22	None	43	None
2	SECURE	23	None	44	None
3	None	24	None	45	None
4	None	25	None	46	None
5	None	26	None	47	None
6	None	27	None	48	None
7	None	28	None	49	None
8	None	29	None	50	None
9	None	30	None	51	None
10	None	31	None	52	None
11	None	32	None	53	None
12	None	33	None	54	None
13	None	34	None	55	None
14	None	35	None	56	None
15	None	36	None	57	None
16	None	37	None	58	None
17	None	38	None	59	None
18	None	39	None	60	None
19	None	40	None	61	None
20	None	41	None	62	None
21	None	42	None	63	None
				64	None

Com Parameters [6.1]

Station ID	3052
Group ID	
Master ID	0
Backup Time	0

SysUp Modem [6.1]

Enable Modem	OFF
Idle Time	0
Dial Time	0
Tel:	
Alt:	

2070 Port Parms [6.2]

Port	Baud Rate	FCM
SP1	9600	MODE 6
SP2	9600	MODE 6
SP3	19200	MODE 6
SP4	38400	MODE 6
SP5	1200	AUTO
SP6	1200	AUTO
SP7	1200	AUTO
SP8	1200	AUTO

2070 IP 1 Addressing [6.5]

	Addressing			
Addr	10	20	9	164
Mask	255	255	255	224
Brdcst	10	20	9	191
GtWay	10	20	9	161
Port	5136			

2070 IP 2 Addressing [6.5]

	Addressing			
Addr	0	0	0	0
Mask	0	0	0	0
Brdcst	0	0	0	0
GtWay	0	0	0	0
Port	0			

2070 Port Binding Ports [6.6]

	Port	Echo	Mode
ASYNC1	SP1	OFF	0
ASYNC2	SP2	OFF	0
ASYNC3	SP3	OFF	0
ASYNC4	SP4	OFF	0
SYNC1	SP5S	SYNC3	OFF
SYNC2	OFF	SYNC4	OFF

2070 Port Binding Functions [6.6]

Function	Channel	Function	Channel
TS2/CVM	None	SYSUp	ASYNC2
CMU/MMU	None	SYSDown	ASYNC1
Opticom	None	Shell	None
Loop Det.	None		
GPS	-		

#	Event / Alarm	Ev	Alr
1	Power Up Alarm.		
2	Stop Timing	ON	ON
3	TS1 Cabinet Door	ON	ON
4	Coordination Failure	ON	ON
5	External Alarm # 1		
6	External Alarm # 2		
7	External Alarm # 3		
8	External Alarm # 4		
9	Closed Loop Disabled		
10	External Alarm # 5		
11	External Alarm # 6		
12	Manual Control Enable	ON	
13	Coord Free Input	ON	
14	Local Flash Input	ON	
15	MMU Flash	ON	
16	CMU Flash	ON	
17	Cycle Fault	ON	
18	Cycle Failure	ON	
19	Coordination Fault	ON	
20	Controller Fault	ON	
21	Detector SDLC Failure	ON	
22	MMU SDLC Failure	ON	
23	Critical SDLC Failure	ON	
24	Reserved	ON	
25	EEPROM CRC Fault	ON	
26	Detector Diagnostic Failur	ON	ON
27	BIU Detector Failure	ON	
32	Queue detector alarm	ON	
29	Ped Detector Fault	ON	ON
30	Coord Diagnostic Fault	ON	ON
41	TempAlert Probe Ch. A		
42	TempAlert Probe Ch. B		
47	Coord Active	ON	ON
48	Preempt Active	ON	ON
49	Preempt 1 Input	ON	
50	Preempt 2 Input	ON	
51	Preempt 3 Input	ON	
52	Preempt 4 Input	ON	
53	Preempt 5 Input	ON	
54	Preempt 6 Input	ON	
55	Preempt 7 Input	ON	
56	Preempt 8 Input	ON	
57	Preempt 9 Input	ON	
58	Preempt 10 Input	ON	
61	In Transition		
81	FIO Status Alarm		

Call Phases[1.1.5]

Ø	Ø	Phases Called By Ø			
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

Redirect Phases[1.1.5]

	From	To	From	To	From	To	From	To
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

Inhibit Phases[1.1.5]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																

Alt Call & Redirect # 1 [1.1.6.3]

Col	Ø	Phases Called By Ø					From	To	From	To	From	To	From	To	From	To
1						1										
2						2										
3						3										
4						4										
5						5										
6						6										
7						7										
8						8										

Alt Inhibit Phases # 1 [1.1.6.3]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																

Alt Call & Redirect # 2 [1.1.6.3]

Col	Ø	Phases Called By Ø					From	To	From	To	From	To	From	To	From	To
1						1										
2						2										
3						3										
4						4										
5						5										
6						6										
7						7										
8						8										

Alt Inhibit Phases # 2 [1.1.6.3]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																

Coord, CIC Plans [2.3]

CIC	CoØ	Grow	1	2	3	4	5	6	7	8
1	OFF									
2	OFF									
3	OFF									
4	OFF									

Auto Flash Phase/Olap Settings [1.4.2]

Yel Ø								
Yel (olaps)								

Unit Parameters [1.2.1]

Allow Skip Yellow	OFF	Max Cycle Time	
TOD Dim Enable	OFF	Cycle Fault Action	Alarm
Tone Disable	OFF		
Diamond Mode	4Ph		
Backup Time (s)	900		
Disable Init Ped	OFF		
Cycle Fault Action	Alarm		
Enable Run Timer	ON		

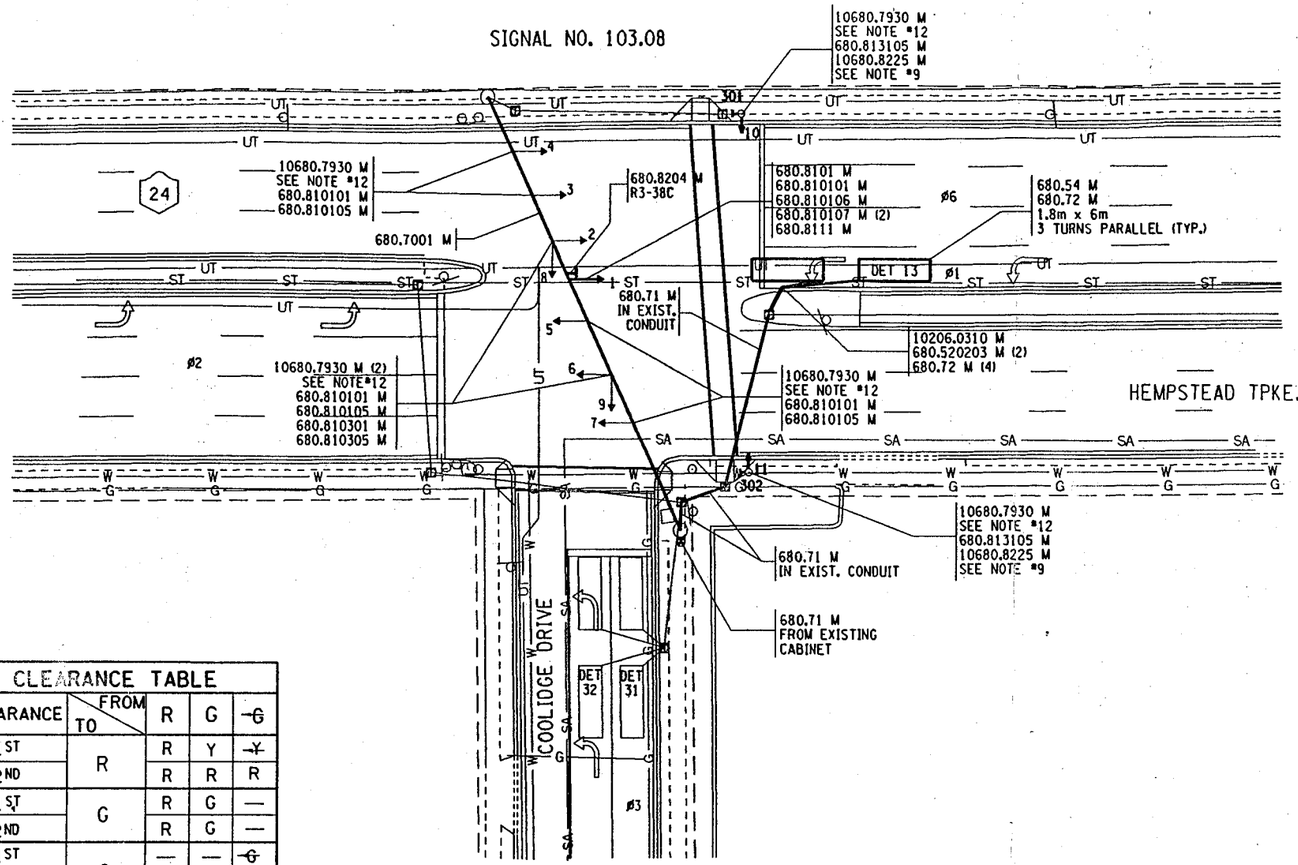
FED ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D258355	10F-40	

TRAFFIC SIGNAL REQUIREMENTS
CONTRACT XIX
4TH PACKAGE

P.I.N. 0806.71 | B.I.N.

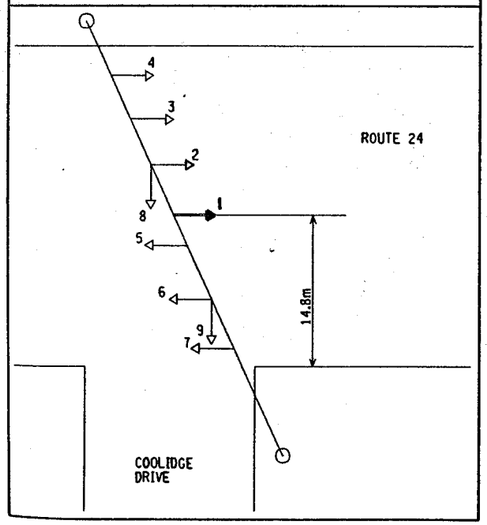
Loc 14

SIGNAL NO. 103.08



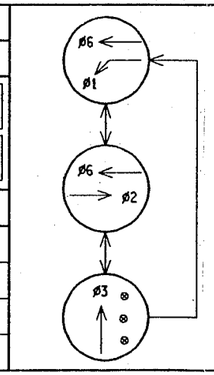
CLEARANCE TABLE				
CLEARANCE	FROM / TO	R	G	~~G~~
1ST	R	R	Y	~~Y~~
2ND		R	R	R
1ST	G	R	G	—
2ND		R	G	—
1ST	~~G~~	—	—	~~G~~
2ND		—	—	~~G~~

SPACING DIAGRAM



SEQUENCE TABLE — SIGNAL NO. 103.08

PHASE	FACES 1	2,3,4	5,6,7	8,9	10,11
		R	R	R	
		Y	Y	Y	
		G	G	G	
	300mm	300mm	300mm	200mm	—
ø1 & ø6	~~G~~	G	R	R	DW
ø2 & ø6	R	G	G	R	DW
ø3	R	R	R	G	*DW
FLASH	R	Y	Y	R	—



ø2 & ø6 SHALL BE PLACED ON RECALL GREEN.
THE RED INDICATION FOR ø1 SHALL HAVE VERTICAL LOUVERS
* SHALL BE A STEADY UPON ACTUATION FOLLOWED BY A FLASHING PHASE.

ESTIMATE OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY ESTIMATE	QUANTITY ACTUAL
10206.0310 M	CONDUIT EXCAVATION & RESTORATION	m	4	
619.1613 M	MAINTAIN TRAFFIC SIGNAL EQUIPMENT, REQUIREMENT C	INTMO	4	
680.520203 M	CONDUIT - 1 NPS FLEXIBLE	m	4	
680.54 M	INDUCTANCE LOOP INSTALLATION	m	42	
680.7001 M	SIGNAL SPAN WIRE ASSEMBLY	EA	1	
680.71 M	SHIELDED LEAD IN CABLE	m	26	
680.72 M	INDUCTANCE LOOP WIRE	m	123	
10680.7930 M	REMOVE SIGNAL OR PEDESTRIAN HEADS	EA	8	
680.8101 M	TRAFFIC SIG. SECT. - 300mm	EA	1	
680.810101 M	TRAFFIC SIG. SECT. - 300mm, RED BALL, LED	EA	7	
680.810105 M	TRAFFIC SIG. SECT. - 300mm, GREEN BALL, LED	EA	6	
680.810106 M	TRAFFIC SIG. SECT. - 300mm, GREEN ARROW, LED	EA	1	
680.810107 M	TRAFFIC SIG. SECT. - TYPE 1, 300mm	EA	2	
680.810301 M	TRAFFIC SIG. SECT. - 200mm, RED BALL, LED	EA	2	
680.810305 M	TRAFFIC SIG. SECT. - 200mm, GREEN BALL, LED	EA	2	
680.8111 M	TRAFFIC SIG. BRACKET, 1 WAY	EA	1	
680.813105 M	PED. SIGNAL MODULE - 300mm BI-MODAL HAND/MAN, LED	EA	2	
680.8204 M	OVERHEAD SIGN ASSEMBLY, TYPE D	EA	1	
10680.8225 M	PED PUSHBUTTON & SIGN - WITHOUT POST	EA	2	

NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NYS DOT REGIONAL TRAFFIC SIGNAL DETAIL SHEETS AND NYS STANDARD SHEETS.
2. PRIOR TO BEGINNING ANY WORK ON THE CONTRACT, THE CONTRACTOR SHALL NOTIFY THE REGIONAL TRAFFIC SIGNAL SECTION TO PERFORM AN INSPECTION OF THE EXISTING TRAFFIC SIGNAL EQUIPMENT. AFTER THE INSPECTION, THE CONTRACTOR MUST THEN SUBMIT A WRITTEN NOTIFICATION WITH THE DATE THEY WILL ASSUME TRAFFIC SIGNAL MAINTENANCE. NO WORK SHALL PROCEED ON THE CONTRACT UNTIL TRAFFIC SIGNAL MAINTENANCE IS ASSUMED. THE EXISTING TRAFFIC SIGNAL SHALL BE MAINTAINED UNDER ITEM 619.1613 M EXCEPT FOR THE CONTROLLER, PROGRAMMING, AND TIMING WHICH SHALL BE MAINTAINED BY THE STATE.
3. ALL TRAFFIC SIGNALS SHALL BE MAINTAINED IN A TRAFFIC RESPONSIVE OPERATION AND ALL INTERCONNECT, WHERE EXISTING, SHALL BE MAINTAINED. THE CONTRACTOR SHALL PAY A LIQUIDATED DAMAGES CHARGE OF $500.00 PER CALENDAR DAY IF ACTUATION AND COORDINATION IS NOT MAINTAINED.
4. ALL VEHICLE DETECTION AND SIGNAL COORDINATION MUST BE MAINTAINED AT ALL TIMES. SPLICING OF INDUCTANCE LOOP WIRE, SHIELDED LEAD-IN CABLE, AND INTERCONNECT CABLE SHALL BE ALLOWED FOR TEMPORARY REPAIRS DURING CONSTRUCTION ONLY. TEMPORARY LOOP DETECTORS, IF NECESSARY, SHALL BE 1.8 m X 1.8 m, BE CENTERED IN THEIR RESPECTIVE LANE, AND PAID FOR UNDER ITEMS 680.54 M AND 680.72 M.
5. TRAFFIC SIGNAL TURN-ON SHALL BE DONE BY NYS TRAFFIC SIGNAL PERSONNEL ONLY. THE CONTRACTOR SHALL PAY A LIQUIDATED DAMAGES CHARGE OF $10,000 IF THE TRAFFIC SIGNAL IS TURNED ON WITHOUT NYS TRAFFIC SIGNAL PERSONNEL PRESENT. THE CONTRACTOR SHALL NOTIFY THE NYS TRAFFIC SIGNAL SECTION TWO WEEKS PRIOR TO THE REQUESTED DATE OF TURN-ON.
6. ALL PEDESTRIAN INSTRUCTION SIGNS SHALL BE R6-12C FROM THE M.U.T.C.D. MANUAL WITH INTERNATIONAL SYMBOLS.
7. THE EXISTING PEDESTRIAN HEADS, PEDESTRIAN BUTTONS AND SIGNS SHALL BE RETURNED TO THE STATE. ALL OTHER EQUIPMENT SHALL BE DISPOSED OF BY THE CONTRACTOR.
8. THE TRAFFIC SIGNAL POLES HAVE A DESIGN LOADING OF 22.2KN, HAVE A FOOTING MOMENT OF 202KN-m, AND ARE 9.1m HIGH.
9. THE PROPOSED PEDESTRIAN BUTTONS AND PEDESTRIAN HEADS SHALL BE CONNECTED TO THE EXISTING CONDUCTOR CABLE, ON THE EXISTING POLE.
10. ALL DETECTORS SHALL BE CENTERED IN THEIR RESPECTIVE LANES AND BE SPACED 3m APART UNLESS OTHERWISE INDICATED IN THE PLANS
11. THE TRAFFIC SIGNAL HEADS SHALL BE TETHERED TO THE SECOND SPAN WIRE AS PER DETAIL A, SPAN WIRE SIGN MOUNTING, ON DRAWING NO. TSD-9.
12. THE NEW LED'S SHALL BE INSTALLED IN THE EXISTING HOUSING.

5 0 5 10 15 20 25 m
SCALE

ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED

*OL D AS BUILT REVISIONS
103.08
SIGNATURE DATE

ROUTE 24 AND COOLIDGE DRIVE
EAST MEADOW, NASSAU COUNTY
SIGNAL NO. 103.08
TRAFFIC SIGNAL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

FILENAME	REGION	DATE	DRAWING NO.
080671EA.TRF	10	9/00	TSP-24

Loc 15

3053

Phase Times [1.1.1]

	1	2	3	4	5	6	7	8
Min Green	5	10			10	5	5	5
Gap, Ext	2					2	3	3
Max 1	19	70			70	19	35	30
Max 2								
Yel Clearance	4	5			5	5	5	5
Red Clearance	3	3			3	3	3	3
Walk		7			7		7	
Ped Clearance		27			27		34	
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								

Options [1.1.2]

	1	2	3	4	5	6	7	8
Enable	ON	ON			ON	ON	ON	ON
Min Recall								
Max Recall		ON			ON			
Ped Recall								
Soft Recall								
Lock Calls								
Auto Flash Entry								
Auto Flash Exit								
Dual Entry		ON			ON			
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								

Options+ [1.1.3]

	1	2	3	4	5	6	7	8
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay		5			5		5	

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	180	14	1	1	13	0	0	13	1	25	0	0	0	1	37	0	0	0	1
2	140	33	2	1	14	0	0	14	1	26	0	0	0	1	38	0	0	0	1
3	170	123	3	1	15	0	0	15	1	27	0	0	0	1	39	0	0	0	1
4	120	17	4	1	16	0	0	16	1	28	0	0	0	1	40	0	0	0	1
5	0	0	5	1	17	0	0	17	1	29	0	0	0	1	41	0	0	0	1
6	0	0	6	1	18	0	0	18	1	30	0	0	0	1	42	0	0	0	1
7	0	0	7	1	19	0	0	19	1	31	0	0	0	1	43	0	0	0	1
8	0	0	8	1	20	0	0	20	1	32	0	0	0	1	44	0	0	0	1
9	180	131	9	1	21	0	0	21	1	33	0	0	0	1	45	0	0	0	1
10	180	49	10	1	22	0	0	22	1	34	0	0	0	1	46	0	0	0	1
11	0	0	11	1	23	0	0	23	1	35	0	0	0	1	47	0	0	0	1
12	0	0	12	1	24	0	0	24	1	36	0	0	0	1	48	0	0	0	1

Split		1	2	3	4	5	6	7	8	Split		1	2	3	4	5	6	7	8
1	Coor	26	70	42	42	70	26	42	42	13	Coor	0	0	0	0	0	0	0	0
	5	NON	Max	NON	NON	Max	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
2	Coor	22	44	40	34	44	22	40	34	14	Coor	0	0	0	0	0	0	0	0
	5	NON	Max	NON	NON	Max	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
3	Coor	26	60	42	42	60	26	42	42	15	Coor	0	0	0	0	0	0	0	0
	5	NON	Max	NON	NON	Max	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
4	Coor	18	36	40	26	36	18	40	26	16	Coor	0	0	0	0	0	0	0	0
	5	NON	Max	NON	NON	Max	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
5	Coor	0	0	0	0	0	0	0	0	17	Coor	0	0	0	0	0	0	0	0
	2	NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
6	Coor	0	0	0	0	0	0	0	0	18	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
7	Coor	0	0	0	0	0	0	0	0	19	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
8	Coor	0	0	0	0	0	0	0	0	20	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
9	Coor	26	70	42	42	70	26	42	42	21	Coor	0	0	0	0	0	0	0	0
	5	NON	Max	NON	NON	Max	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
10	Coor	26	70	42	42	70	26	42	42	22	Coor	0	0	0	0	0	0	0	0
	5	NON	Max	NON	NON	Max	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
11	Coor	0	0	0	0	0	0	0	0	23	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
12	Coor	0	0	0	0	0	0	0	0	24	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON

Page#	
1	8 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
1A&1B	16 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
2	Overlaps; Channel Settings; Coord Alt Table+ (values not associated with time-of-day)
3	Detection; Sample Time and Unit Parameters related to detection
4	Preemption and Alternate Phase Time and Phase Options
5	Annual Schedule
6	Day Plans; Action Tables; Coord Alt Table+ (values varied by time-of-day)
7	Communications; Secutiry; I/O Setup
8	Misc - Events/Alarms; Call/Inhibit/Redirect; P/OLAP Auto Flash; CIC; Misc Unit Param

Ring/Startup [1.1.4]

Phs	Ring	Start	Enable
1	1	Red	ON
2	1	Green	ON
3	1	Red	OFF
4	1	Red	OFF
5	2	Green	ON
6	2	Red	ON
7	2	Red	ON
8	2	Red	ON

Coord Modes [2.1]

Test OpMode	0
Correction	SHRT/LNG
Maximum	MAX 1
Force-Off	FIXED
Closed Loop	ON
Stop-in-Walk	ON
Auto Reset	ON
Expand Splt	OFF
Ped Recycle	NO_RECYCLE
Before	TIMED
After	TIMED

Auto Flash [1.4.1]

Auto Flash	PH OVER
Flash Yel	45
Flash Red	20

Unit Params [1.2.1]

Phase Mode	STD8
IO Mode	User
Loc Flsh Start	Red
Start Flash(s)	0
Start AllRed(s)	6
Yellow < 3"	ON
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	1
Auxswitch	STOPTM
SDLC Retry	0
TS2 Det Faults	ON
Auto Ped Clear	OFF
SDLC Retry	0

3053 Rt 24 @ Salisbury Park Sig # 103.

07/11/23 Page 1

Times [1.1.1]	1	2	3	4	5	6	7	8
Min Green	5	10			10	5	5	5
Gap, Ext	2					2	3	3
Max 1	19	70			70	19	35	30
Max 2								
Yel Clearance	4	5			5	5	5	5
Red Clearance	3	3			3	3	3	3
Walk		7			7		7	
Ped Clearance		27			27		34	
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								

Options [1.1.2]	1	2	3	4	5	6	7	8
Enable	ON	ON			ON	ON	ON	ON
Min Recall								
Max Recall		ON			ON			
Ped Recall								
Soft Recall								
Lock Calls								
Auto Flash Entry								
Auto Flash Exit								
Dual Entry		ON			ON			
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								

Options+ [1.1.3]	1	2	3	4	5	6	7	8
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay	0	5	0	0	5	0	5	0

Coord Patterns [2.4] and Split Tables [2.7.1]

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	180	14	1	1	13	0	0	13	1	25	0	0	0	1	37	0	0	0	1
2	140	33	2	1	14	0	0	14	1	26	0	0	0	1	38	0	0	0	1
3	170	123	3	1	15	0	0	15	1	27	0	0	0	1	39	0	0	0	1
4	120	17	4	1	16	0	0	16	1	28	0	0	0	1	40	0	0	0	1
5	0	0	5	1	17	0	0	17	1	29	0	0	0	1	41	0	0	0	1
6	0	0	6	1	18	0	0	18	1	30	0	0	0	1	42	0	0	0	1
7	0	0	7	1	19	0	0	19	1	31	0	0	0	1	43	0	0	0	1
8	0	0	8	1	20	0	0	20	1	32	0	0	0	1	44	0	0	0	1
9	180	131	9	1	21	0	0	21	1	33	0	0	0	1	45	0	0	0	1
10	180	49	10	1	22	0	0	22	1	34	0	0	0	1	46	0	0	0	1
11	0	0	11	1	23	0	0	23	1	35	0	0	0	1	47	0	0	0	1
12	0	0	12	1	24	0	0	24	1	36	0	0	0	1	48	0	0	0	1

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Coor	26	70	42	42	70	26	42	42	0	0	0	0	0	0	0	0
	5	NON	Max	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
2	Coor	22	44	40	34	44	22	40	34	0	0	0	0	0	0	0	0
	5	NON	Max	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
3	Coor	26	60	42	42	60	26	42	42	0	0	0	0	0	0	0	0
	5	NON	Max	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
4	Coor	18	36	40	26	36	18	40	26	0	0	0	0	0	0	0	0
	5	NON	Max	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
5	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
6	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
7	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
8	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
9	Coor	26	70	42	42	70	26	42	42	0	0	0	0	0	0	0	0
	5	NON	Max	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
10	Coor	26	70	42	42	70	26	42	42	0	0	0	0	0	0	0	0
	5	NON	Max	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
11	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
12	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
13	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
14	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
15	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
16	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

User Phase Mode

Phase>8 or Rings > 2

Coord Modes [2.1]	
Test OpMode	0
Correction	SHRT/LNG
Maximum	MAX 1
Force-Off	FIXED
Closed Loop	ON
Stop-in-Walk	ON
Auto Reset	ON
Expand Splt	OFF
Ped Recycle	NO_RECYCLE
Before	TIMED
After	TIMED
Auto Flash [1.4.1]	
Auto Flash	PH OVER
Flash Yel	45
Flash Red	20
Unit Params [1.2.1]	
Phase Mode	STD8
IO Mode	User
Loc Flsh Start	Red
Start Flash(s)	0
Start AllRed(s)	6
Yellow < 3"	ON
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	1
Auxswitch	STOPTM
SDLC RetryTm	0
TS2 Det Faults	ON
Auto Ped Clear	OFF

<- Mode NON is Blank

3053 Rt 24 @ Salisbury Park Sig # 103.11

07/11/23 **Page 1A**

Times [1.1.1]	9	10	11	12	13	14	15	16
Min Green								
Gap, Ext								
Max 1								
Max 2								
Yel Clearance	3	4	3	4	3	4	3	4
Red Clearance	2	2	2	2	2	2	2	2
Walk								
Ped Clearance								
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								

Options [1.1.2]	9	10	11	12	13	14	15	16
Enable								
Min Recall								
Max Recall								
Ped Recall								
Soft Recall								
Lock Calls								
Auto Flash Entry								
Auto Flash Exit								
Dual Entry								
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								

Options+ [1.1.3]	9	10	11	12	13	14	15	16
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay								

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1] — Ring/Startup [1.1.4]

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Phs	Ring	Start
17	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	2	1	Green
18	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	4	1	Red
19	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	Green
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	6	2	Red
20	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	2	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	8	2	Red
21	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	10		Red
22	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	12		Red
23	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	14		Red
24	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	16		Red

Concurrency [1.1.4]

Phs	Concurrent Phases										Phs	Concurrent Phases								
1	5	6	0	0	0	0	0	0			9	0	0	0	0	0	0	0	0	
2	5	6	0	0	0	0	0	0			10	0	0	0	0	0	0	0	0	
3	7	8	0	0	0	0	0	0			11	0	0	0	0	0	0	0	0	
4	7	8	0	0	0	0	0	0			12	0	0	0	0	0	0	0	0	
5	1	2	0	0	0	0	0	0			13	0	0	0	0	0	0	0	0	
6	1	2	0	0	0	0	0	0			14	0	0	0	0	0	0	0	0	
7	3	4	0	0	0	0	0	0			15	0	0	0	0	0	0	0	0	
8	3	4	0	0	0	0	0	0			16	0	0	0	0	0	0	0	0	

Note: Expanded Splits are not used because "Expanded Splits" is OFF

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	0	0	1	1	25	0	0	0	1
2	0	0	2	1	26	0	0	0	1
3	0	0	3	1	27	0	0	0	1
4	0	0	4	1	28	0	0	0	1
5	0	0	5	1	29	0	0	0	1
6	0	0	6	1	30	0	0	0	1
7	0	0	7	1	31	0	0	0	1
8	0	0	8	1	32	0	0	0	1
9	0	0	9	1	33	0	0	0	1
10	0	0	10	1	34	0	0	0	1
11	0	0	11	1	35	0	0	0	1
12	0	0	12	1	36	0	0	0	1
13	0	0	13	1	37	0	0	0	1
14	0	0	14	1	38	0	0	0	1
15	0	0	15	1	39	0	0	0	1
16	0	0	16	1	40	0	0	0	1
17	0	0	17	1	41	0	0	0	1
18	0	0	18	1	42	0	0	0	1
19	0	0	19	1	43	0	0	0	1
20	0	0	20	1	44	0	0	0	1
21	0	0	21	1	45	0	0	0	1
22	0	0	22	1	46	0	0	0	1
23	0	0	23	1	47	0	0	0	1
24	0	0	24	1	48	0	0	0	1

Expanded Splits	**OFF**

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

24	Coord	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON
		0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
2	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
3	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
4	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
5	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
6	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
7	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
8	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
9	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
10	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
11	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
12	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
13	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
14	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
15	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
16	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
17	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
18	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
19	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
20	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
21	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
22	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
23	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

Overlap 1-16 Program Parms & Parm+ [1.5.2.1] [1.5.2.2]

Overlap Conflict Lock	OFF	Overlap Lock Inhibit	OFF	Parent Ph Clearance	OFF	Extra Included Ph	ON

	Included Ø	2	7							Type	#NAME?		Included Ø									Type	NORMAL
1	Modifier Ø	2								Grn		9	Modifier Ø									Grn	
	Conflict Ø									Yel	5		Conflict Ø									Yel	3.5
A	Conflict Olap									Red	3	I	Conflict Olap									Red	1.5
	Conflict Ped									LG			Conflict Ped									LG	
	Included Ø	8								Type	NORMAL		Included Ø									Type	NORMAL
2	Modifier Ø									Grn		10	Modifier Ø									Grn	
	Conflict Ø									Yel	5		Conflict Ø									Yel	3.5
B	Conflict Olap									Red	3	J	Conflict Olap									Red	1.5
	Conflict Ped									LG			Conflict Ped									LG	
	Included Ø									Type	NORMAL		Included Ø									Type	NORMAL
3	Modifier Ø									Grn		11	Modifier Ø									Grn	
	Conflict Ø									Yel	3		Conflict Ø									Yel	3.5
C	Conflict Olap									Red	2	K	Conflict Olap									Red	1.5
	Conflict Ped									LG			Conflict Ped									LG	
	Included Ø									Type	NORMAL		Included Ø									Type	NORMAL
4	Modifier Ø									Grn		12	Modifier Ø									Grn	
	Conflict Ø									Yel	3		Conflict Ø									Yel	3.5
D	Conflict Olap									Red	2	L	Conflict Olap									Red	1.5
	Conflict Ped									LG			Conflict Ped									LG	
	Included Ø									Type	NORMAL		Included Ø									Type	NORMAL
5	Modifier Ø									Grn		13	Modifier Ø									Grn	
	Conflict Ø									Yel	3.5		Conflict Ø									Yel	3.5
E	Conflict Olap									Red	1.5	M	Conflict Olap									Red	1.5
	Conflict Ped									LG			Conflict Ped									LG	
	Included Ø									Type	NORMAL		Included Ø									Type	NORMAL
6	Modifier Ø									Grn		14	Modifier Ø									Grn	
	Conflict Ø									Yel	3.5		Conflict Ø									Yel	3.5
F	Conflict Olap									Red	1.5	N	Conflict Olap									Red	1.5
	Conflict Ped									LG			Conflict Ped									LG	
	Included Ø									Type	NORMAL		Included Ø									Type	NORMAL
7	Modifier Ø									Grn		15	Modifier Ø									Grn	
	Conflict Ø									Yel	3.5		Conflict Ø									Yel	3.5
G	Conflict Olap									Red	1.5	O	Conflict Olap									Red	1.5
	Conflict Ped									LG			Conflict Ped									LG	
	Included Ø									Type	NORMAL		Included Ø									Type	NORMAL
8	Modifier Ø									Grn		16	Modifier Ø									Grn	
	Conflict Ø									Yel	3.5		Conflict Ø									Yel	3.5
H	Conflict Olap									Red	1.5	P	Conflict Olap									Red	1.5
	Conflict Ped									LG			Conflict Ped									LG	

Channel Settings [1.8.1]

.....Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Phase / Olap #	1	6		2	7	7	8	2	1	5	2	5												
Channel Type	VEH	VEH	VEH	VEH	PED	VEH	VEH	PED	OLP	VEH	OLP	PED	VEH	VEH	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Channel Flash	Red	Red	Red	YEL	Red	Red	Red	DRK	DRK	YEL	Red	DRK	Red	Red	Red	Red	DRK	DRK	DRK	DRK	DRK	DRK	DRK	DRK
Alt Hz																								

Channel+ Settings [1.8.4]

.....Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Flash Red+																								
Flash Yellow+																								
Flash Green+																								
Flash Inh Red+																								
Olap Ovrd																								

Coord Transition, CoorPhs [2.5]

Pat#	Short	Long	Dwell	No Shortway Ø				E-Yld	Offset	RetHld	Float	Min Veh Perm	Min Ped Perm
1	12	22							EndGRN				
2	12	22							EndGRN				
3	12	22							EndGRN				
4	12	22							EndGRN				
5	12	22							EndGRN				
6	12	22							EndGRN				
7	12	22							EndGRN				
8	12	22							EndGRN				
9	12	22							EndGRN				
10	12	22							EndGRN				
11	12	22							EndGRN				
12	12	22							EndGRN				
13	12	22							EndGRN				
14	12	22							EndGRN				
15	12	22							EndGRN				
16	12	22							EndGRN				
17	12	22							EndGRN				
18	12	22							EndGRN				
19	12	22							EndGRN				
20	12	22							EndGRN				
21	12	22							EndGRN				
22	12	22							EndGRN				
23	12	22							EndGRN				
24	12	22							EndGRN				
25									BegGRN				
26									BegGRN				
27									BegGRN				
28									BegGRN				
29									BegGRN				
30									BegGRN				
31									BegGRN				
32									BegGRN				
33									BegGRN				
34									BegGRN				
35									BegGRN				
36									BegGRN				
37									BegGRN				
38									BegGRN				
39									BegGRN				
40									BegGRN				
41									BegGRN				
42									BegGRN				
43									BegGRN				
44									BegGRN				
45									BegGRN				
46									BegGRN				
47									BegGRN				
48									BegGRN				

Channel Params[1.8.3]

C1 IO Mode	User	Single BIU Map	SINGLE	Invert Rail Input	OFF

Veh Par 1-64 [5.1]

Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time
1	1						45	50	255
2	6						45	50	255
3	8						45	50	255
4	8						45	50	255
5	8						45	50	255
6	7						45	50	255
7	7						45	50	255
8	7						45	50	255
9							45	50	255
10							45	50	255
11							45	50	255
12							45	50	255
13							45	50	255
14							45	50	255
15							45	50	255
16							45	50	255
17							45	50	255
18							45	50	255
19							45	50	255
20							45	50	255
21							45	50	255
22							45	50	255
23							45	50	255
24							45	50	255
25							45	50	255
26							45	50	255
27							45	50	255
28							45	50	255
29							45	50	
30							45	50	
31							45	50	
32							45	50	

Veh Par 1-64 [5.1]

Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time
33							45	50	
34							45	50	
35							45	50	
36							45	50	
37							45	50	
38							45	50	
39							45	50	
40							45	50	
41							45	50	
42							45	50	
43							45	50	
44							45	50	
45							45	50	
46							45	50	
47							45	50	
48							45	50	
49							45	50	
50							45	50	
51							45	50	
52							45	50	
53							45	50	
54							45	50	
55							45	50	
56							45	50	
57							45	50	
58							45	50	
59							45	50	
60							45	50	
61							45	50	
62							45	50	
63							45	50	
64							45	50	

Vehicle Options 1-64 [5.2]

Det #	Call	Ext	Que	Add Init	Red Lock	Yell Lock	occ	vol
1	ON	ON		ON				
2	ON	ON		ON				
3	ON	ON		ON				
4	ON	ON		ON				
5	ON	ON		ON				
6	ON	ON		ON				
7	ON	ON		ON				
8	ON	ON		ON				
9	ON	ON		ON				
10	ON	ON		ON				
11	ON	ON		ON				
12	ON	ON		ON				
13	ON	ON		ON				
14	ON	ON		ON				
15	ON	ON		ON				
16	ON	ON		ON				
17	ON	ON		ON				
18	ON	ON		ON				
19	ON	ON		ON				
20	ON	ON		ON				
21	ON	ON		ON				
22	ON	ON		ON				
23	ON	ON		ON				
24	ON	ON		ON				
25	ON	ON		ON				
26	ON	ON		ON				
27	ON	ON		ON				
28	ON	ON		ON				
29	ON	ON		ON				
30	ON	ON		ON				
31	ON	ON		ON				
32	ON	ON		ON				

Vehicle Options 1-64 [5.2]

Det #	Call	Ext	Que	Add AddInit	Red Lock	Yell Lock	occ	vol
33	ON	ON		ON				
34	ON	ON		ON				
35	ON	ON		ON				
36	ON	ON		ON				
37	ON	ON		ON				
38	ON	ON		ON				
39	ON	ON		ON				
40	ON	ON		ON				
41	ON	ON		ON				
42	ON	ON		ON				
43	ON	ON		ON				
44	ON	ON		ON				
45	ON	ON		ON				
46	ON	ON		ON				
47	ON	ON		ON				
48	ON	ON		ON				
49	ON	ON		ON				
50	ON	ON		ON				
51	ON	ON		ON				
52	ON	ON		ON				
53	ON	ON		ON				
54	ON	ON		ON				
55	ON	ON		ON				
56	ON	ON		ON				
57	ON	ON		ON				
58	ON	ON		ON				
59	ON	ON		ON				
60	ON	ON		ON				
61	ON	ON		ON				
62	ON	ON		ON				
63	ON	ON		ON				
64	ON	ON		ON				

Parameters+ 1-64 [5.3]

Det #	oc G	oc Y	oc R	Dlay 1	Dlay 2	Type	Src
1						NORM	
2						NORM	
3						NORM	
4						NORM	
5						NORM	
6						NORM	
7						NORM	
8						NORM	
9						NORM	
10						NORM	
11						NORM	
12						NORM	
13						NORM	
14						NORM	
15						NORM	
16						NORM	
17						NORM	
18						NORM	
19						NORM	
20						NORM	
21						NORM	
22						NORM	
23						NORM	
24						NORM	
25						NORM	
26						NORM	
27						NORM	
28						NORM	
29						NORM	
30						NORM	
31						NORM	
32						NORM	

Parameters+ 1-64 [5.3]

Det #	occ Grn	occ Yell	occ Red	Dlay 1	Dlay 2	Type	Src
33						NORM	
34						NORM	
35						NORM	
36						NORM	
37						NORM	
38						NORM	
39						NORM	
40						NORM	
41						NORM	
42						NORM	
43						NORM	
44						NORM	
45						NORM	
46						NORM	
47						NORM	
48						NORM	
49						NORM	
50						NORM	
51						NORM	
52						NORM	
53						NORM	
54						NORM	
55						NORM	
56						NORM	
57						NORM	
58						NORM	
59						NORM	
60						NORM	
61						NORM	
62						NORM	
63						NORM	
64						NORM	

Ped Det Parms [5.4]

Det #	Call Ø	No Act	Max Pres	Err Cnt
1	5		15	
2	7		15	
3	2		15	
4			15	
5			15	
6			15	
7			15	
8			15	

Unit Paramters [1.2.1]

TS2 Det Faults	ON
Vol/Occ Report Parm [1.5.8]	
Vol/Occ Period Minutes	0
Vol/Occ Period Minutes	15

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Preemption Times [3.1], Options+ [3.6]

Pre #	Enable	Type	Output	Delay	MinDura
1	ON	RAIL	Dwell		15
2	ON	RAIL	Dwell		15
3	ON	EMERG	Dwell		5
4	ON	EMERG	Dwell		5
5	ON	EMERG	Dwell		5
6	ON	EMERG	Dwell		5
Pre #	MaxPres	MinGrn	MinWlk	PedClr	Co+Pre
1	180	3			ON
2	180	3			ON
3	180	3		10	ON
4	180	3		10	ON
5	180	3		10	ON
6	180	3		10	ON
Pre #	Track Grn	Min Dwell	Ext Dwell	PedClr+	Yel
1		2			
2		2			
3		2			
4		2			
5		2			
6		2			

Pre #	Red	Pattern	Skip
1			OFF
2			OFF
3			OFF
4			OFF
5			OFF
6			OFF

Low Priority Preempts

Pre #	Type	Min	Max
7	OFF		
8	OFF		
9	OFF		
10	OFF		

Unit Parameters [1.2.1]

Stop Timer Over Preempt	OFF
Preempt or Ext Output	PRE
Max Seek Track Time	
Max Seek Dwell Time	

Channel Parameters [1.8.3]

D Conn Mappings	None
Pre Invert Rail Input	OFF

Track Clear Phases [3.2], Track Clear Overlaps+ [3.5]

Pre #	Track Phases				Track Overlaps											
1																
2																
3																
4																
5																
6																

Dwell Phases [3.2] and Overlaps+ [3.5]

Pre #													
1	Phases												
	Overlap												
	Peds												
2	Phases												
	Overlap												
	Peds												
3	Phases	1	5										
	Overlap												
	Peds												
4	Phases	2	6										
	Overlap												
	Peds												
5	Phases	8											
	Overlap												
	Peds												
6	Phases	7											
	Overlap	2											
	Peds												

Exit Phases [3.2]

Pre #	Exit Phase			
1				
2				
3				
4				
5				
6				

Preemption Options+ [3.6]

Pre #	Lock	Override Auto Flsh	Override Higher	Flsh Dwell	Link
1	ON	ON	ON	OFF	
2	ON	ON	ON	OFF	
3	ON	ON	ON	OFF	
4	ON	ON	ON	OFF	
5	ON	ON	ON	OFF	
6	ON	ON	ON	OFF	

Alt# 1 Times Table [1.1.6.1.2]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 2 Times Table [1.1.6.1.2]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 3 Times Table [1.1.6.1.3]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 1 Options Table [1.1.6.2.1]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 1 Veh Parameters [5.5.1.1]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Swiitch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 1 Veh Options [5.5.1.2]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 1 Veh Parameters+ [5.5.1.3]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 1 Ped Parameters+ [5.5.1.4]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Alt# 2 Options Table [1.1.6.2.2]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 3 Options Table [1.1.6.2.3]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 4 Options Table [1.1.6.2.4]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 2 Veh Parameters [5.5.2.1]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Swiitch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 2 Veh Options [5.5.2.2]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 2 Veh Parameters+ [5.5.2.3]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 2 Ped Parameters+ [5.5.2.4]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Annual Schedule [4.3]	Month of Year												Day of Week							Date																											Day Plan	Link To
1	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON		ON	ON	ON	ON	ON		ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	1	
2	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON						ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	2	
3	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON								ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	1	
4	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
5	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
6	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
7	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
8	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
9	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
10	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
11	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
12	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
13	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
14	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
15	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
16	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
17	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
18	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
19	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
20	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
21	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
22	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
23	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
24	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	

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Day Plans [4.4]

Day Plan 1								Day Plan 2								Day Plan 3							
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act
1	0	0	4	9	0	0	0	1	0	0	4	9	0	0	0	1	0	0	0	9	0	0	0
2	6	0	1	10	0	0	0	2	7	0	2	10	0	0	0	2	0	0	0	10	0	0	0
3	9	30	2	11	0	0	0	3	21	0	4	11	0	0	0	3	0	0	0	11	0	0	0
4	15	0	3	12	0	0	0	4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0
5	19	30	2	13	0	0	0	5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0
6	21	0	4	14	0	0	0	6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0

Day Plan 4								Day Plan 5								Day Plan 6							
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0

Day Plan 7								Day Plan 8								Day Plan 9							
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0	1	0	0	4	9	0	0	0
2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0	2	4	0	9	10	0	0	0
3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0	3	12	0	10	11	0	0	0
4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0	4	22	0	4	12	0	0	0
5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0

Day Plan 10								Day Plan 11								Day Plan 12							
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0

Day Plan 13								Day Plan 14								Day Plan 15							
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0

Action Table [4.5]

Act#	Pat#	A1	A2	A3	S1	S2	S3	S4	S5	S6	S7	S8
1	1											
2	2											
3	3											
4	4											
5	5											
6	6											
7	7											
8	8											
9	9											
10	10											
11	11											
12	12											
13	13											
14	14											
15	15											
16	16											
17	17											
18	18											
19	19											
20	20											
21	21											
22	22											
23	23											
24	24											
25												
26												
27												
28												
29												
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
48												
98												
99												
100	255											

Coord Alternate Tables - Pat+ [2.6]

Pat#	ØOpt	ØTime	DetG	Call Inh	CIC	CNA1	Overlap Off 1	2	3	4	5	6	7	8	Dia	Max2
1															DFT	
2															DFT	
3															DFT	
4															DFT	
5															DFT	
6															DFT	
7															DFT	
8															DFT	
9															DFT	
10															DFT	
11															DFT	
12															DFT	
13															DFT	
14															DFT	
15															DFT	
16															DFT	
17															DFT	
18															DFT	
19															DFT	
20															DFT	
21															DFT	
22															DFT	
23															DFT	
24															DFT	
25															DFT	
26															DFT	
27															DFT	
28															DFT	
29															DFT	
30															DFT	
31															DFT	
32															DFT	
33															DFT	
34															DFT	
35															DFT	
36															DFT	
37															DFT	
38															DFT	
39															DFT	
40															DFT	
41															DFT	
42															DFT	
43															DFT	
44															DFT	
45															DFT	
46															DFT	
47															DFT	
48															DFT	

C1-USER IO Map [1.8.9.1 In]

I1-1	1	Veh Call 1
I1-2	2	Veh Call 2
I1-3	3	Veh Call 3
I1-4	4	Veh Call 4
I1-5	5	Veh Call 5
I1-6	6	Veh Call 6
I1-7	7	Veh Call 7
I1-8	8	Veh Call 8
I2-1	9	Veh Call 9
I2-2	10	Veh Call 10
I2-3	11	Veh Call 11
I2-4	12	Veh Call 12
I2-5	189	Unused
I2-6	129	Ped Call 1
I2-7	130	Ped Call 2
I2-8	131	Ped Call 3
I3-1	189	Unused
I3-2	189	Unused
I3-3	19	Veh Call 19
I3-4	20	Veh Call 20
I3-5	21	Veh Call 21
I3-6	22	Veh Call 22
I3-7	23	Veh Call 23
I3-8	24	Veh Call 24
I4-1	189	Unused
I4-2	189	Unused
I4-3	189	Unused
I4-4	189	Unused
I4-5	189	Unused
I4-6	189	Unused
I4-7	229	33xCMUStop
I4-8	228	33xFlashSns
I5-1	202	Pre 5 In
I5-2	203	Pre 6 In
I5-3	200	Pre 3 In
I5-4	201	Pre 4 In
I5-5	189	Unused
I5-6	189	Unused
I5-7	189	Unused
I5-8	189	Unused
I6-1	189	Unused
I6-2	189	Unused
I6-3	189	Unused
I6-4	189	Unused
I6-5	189	Unused
I6-6	189	Unused
I6-7	189	Unused
I6-8	189	Unused

C1-USER IO Map [1.8.9.2 Out]

O1-1	1	Ch1 Red
O1-2	49	Ch1 Green
O1-3	2	Ch2 Red
O1-4	26	Ch2 Yellow
O1-5	50	Ch2 Green
O1-6	3	Ch3 Red
O1-7	27	Ch3 Yellow
O1-8	51	Ch3 Green
O2-1	4	Ch4 Red
O2-2	52	Ch4 Green
O2-3	5	Ch5 Red
O2-4	29	Ch5 Yellow
O2-5	53	Ch5 Green
O2-6	6	Ch6 Red
O2-7	30	Ch6 Yellow
O2-8	54	Ch6 Green
O3-1	7	Ch7 Red
O3-2	55	Ch7 Green
O3-3	8	Ch8 Red
O3-4	32	Ch8 Yellow
O3-5	56	Ch8 Green
O3-6	9	Ch9 Red
O3-7	33	Ch9 Yellow
O3-8	57	Ch9 Green
O4-1	10	Ch10 Red
O4-2	58	Ch10 Green
O4-3	11	Ch11 Red
O4-4	35	Ch11 Yellow
O4-5	59	Ch11 Green
O4-6	12	Ch12 Red
O4-7	36	Ch12 Yellow
O4-8	60	Ch12 Green
O5-1	28	Ch4 Yellow
O5-2	34	Ch10 Yellow
O5-3	25	Ch1 Yellow
O5-4	31	Ch7 Yellow
O5-5	39	Ch15 Yellow
O5-6	63	Ch15 Green
O5-7	115	Not Used
O5-8	114	Watchdog
O6-1	115	Not Used
O6-2	115	Not Used
O6-3	13	Ch13 Red
O6-4	37	Ch13 Yellow
O6-5	61	Ch13 Green
O6-6	14	Ch14 Red
O6-7	38	Ch14 Yellow
O6-8	62	Ch14 Green

C1-USER IO Map [1.8.9.2 Out]

O7-1	40	Ch16 Yellow
O7-2	16	Ch16 Red
O7-3	64	Ch16 Green
O7-4	115	Not Used
O7-5	115	Not Used
O7-6	115	Not Used
O7-7	115	Not Used
O7-8	15	Ch15 Red

C11S-USER IO Map [1.8.9.1 In]

I4-1		
I4-2		
I4-3		
I4-4		
I7-1	189	Unused
I7-2	189	Unused
I7-3	189	Unused
I7-4	189	Unused
I7-5	189	Unused
I7-6	189	Unused
I7-7	189	Unused
I7-8	189	Unused
I8-1	189	Unused
I8-2	189	Unused
I8-3	189	Unused
I8-4	189	Unused
I8-5	189	Unused
I8-6	189	Unused
I8-7	189	Unused
I8-8	189	Unused

C11S-USER IO Map [1.8.9.2 Out]

O8-1	115	Not Used
O8-2	115	Not Used
O8-3	115	Not Used
O8-4	115	Not Used
O8-5	115	Not Used
O8-6	115	Not Used
O8-7	115	Not Used
O8-8	115	Not Used

IO Logic [1.8.7]

Op1	Result		O1Fcn	Inv1	IO1	Opn1	O2Fnc	Inv2	IO2	Opn2	O3Fnc	Inv3	IO3	Opn3	Dly	Sec
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0

Security Access Levels [8.2]

1	SWLOAD	22	None	43	None
2	SECURE	23	None	44	None
3	None	24	None	45	None
4	None	25	None	46	None
5	None	26	None	47	None
6	None	27	None	48	None
7	None	28	None	49	None
8	None	29	None	50	None
9	None	30	None	51	None
10	None	31	None	52	None
11	None	32	None	53	None
12	None	33	None	54	None
13	None	34	None	55	None
14	None	35	None	56	None
15	None	36	None	57	None
16	None	37	None	58	None
17	None	38	None	59	None
18	None	39	None	60	None
19	None	40	None	61	None
20	None	41	None	62	None
21	None	42	None	63	None
				64	None

Com Parameters [6.1]

Station ID	3053
Group ID	
Master ID	0
Backup Time	0

SysUp Modem [6.1]

Enable Modem	OFF
Idle Time	0
Dial Time	0
Tel:	
Alt:	

2070 Port Parms [6.2]

Port	Baud Rate	FCM
SP1	9600	MODE 6
SP2	9600	MODE 6
SP3	19200	MODE 6
SP4	38400	MODE 6
SP5	1200	AUTO
SP6	1200	AUTO
SP7	1200	AUTO
SP8	1200	AUTO

2070 IP 1 Addressing [6.5]

	Addressing			
Addr	0	0	0	0
Mask	0	0	0	0
Brdcst	0	0	0	0
GtWay	0	0	0	0
Port	0			

2070 IP 2 Addressing [6.5]

	Addressing			
Addr	0	0	0	0
Mask	0	0	0	0
Brdcst	0	0	0	0
GtWay	0	0	0	0
Port	0			

2070 Port Binding Ports [6.6]

	Port	Echo	Mode
ASYNC1	SP1	OFF	0
ASYNC2	SP2	OFF	0
ASYNC3	SP3	OFF	0
ASYNC4	SP4	OFF	0
SYNC1	SP5S	SYNC3	OFF
SYNC2	OFF	SYNC4	OFF

2070 Port Binding Functions [6.6]

Function	Channel	Function	Channel
TS2/CVM	None	SYSUp	ASYNC2
CMU/MMU	None	SYSDown	ASYNC1
Opticom	None	Shell	None
Loop Det.	None		
GPS	-		

#	Event / Alarm	Ev	Alr
1	Power Up Alarm.		
2	Stop Timing	ON	ON
3	TS1 Cabinet Door	ON	ON
4	Coordination Failure	ON	ON
5	External Alarm # 1		
6	External Alarm # 2		
7	External Alarm # 3		
8	External Alarm # 4		
9	Closed Loop Disabled		
10	External Alarm # 5		
11	External Alarm # 6		
12	Manual Control Enable	ON	
13	Coord Free Input	ON	
14	Local Flash Input	ON	
15	MMU Flash	ON	
16	CMU Flash	ON	
17	Cycle Fault	ON	
18	Cycle Failure	ON	
19	Coordination Fault	ON	
20	Controller Fault	ON	
21	Detector SDLC Failure	ON	
22	MMU SDLC Failure	ON	
23	Critical SDLC Failure	ON	
24	Reserved	ON	
25	EEPROM CRC Fault	ON	
26	Detector Diagnostic Failur	ON	ON
27	BIU Detector Failure	ON	
32	Queue detector alarm	ON	
29	Ped Detector Fault	ON	ON
30	Coord Diagnostic Fault	ON	ON
41	TempAlert Probe Ch. A		
42	TempAlert Probe Ch. B		
47	Coord Active	ON	ON
48	Preempt Active	ON	ON
49	Preempt 1 Input	ON	
50	Preempt 2 Input	ON	
51	Preempt 3 Input	ON	
52	Preempt 4 Input	ON	
53	Preempt 5 Input	ON	
54	Preempt 6 Input	ON	
55	Preempt 7 Input	ON	
56	Preempt 8 Input	ON	
57	Preempt 9 Input	ON	
58	Preempt 10 Input	ON	
61	In Transition		
81	FIO Status Alarm		

Call Phases[1.1.5]

Ø	Ø	Phases Called By Ø			
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

Redirect Phases[1.1.5]

	From	To	From	To	From	To	From	To
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

Inhibit Phases[1.1.5]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																

Alt Call & Redirect # 1 [1.1.6.3]

Col	Ø	Phases Called By Ø					From	To	From	To	From	To	From	To	From	To
1						1										
2						2										
3						3										
4						4										
5						5										
6						6										
7						7										
8						8										

Alt Inhibit Phases # 1 [1.1.6.3]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																

Alt Call & Redirect # 2 [1.1.6.3]

Col	Ø	Phases Called By Ø					From	To	From	To	From	To	From	To	From	To
1						1										
2						2										
3						3										
4						4										
5						5										
6						6										
7						7										
8						8										

Alt Inhibit Phases # 2 [1.1.6.3]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																

Coord, CIC Plans [2.3]

CIC	CoØ	Grow	1	2	3	4	5	6	7	8
1	OFF									
2	OFF									
3	OFF									
4	OFF									

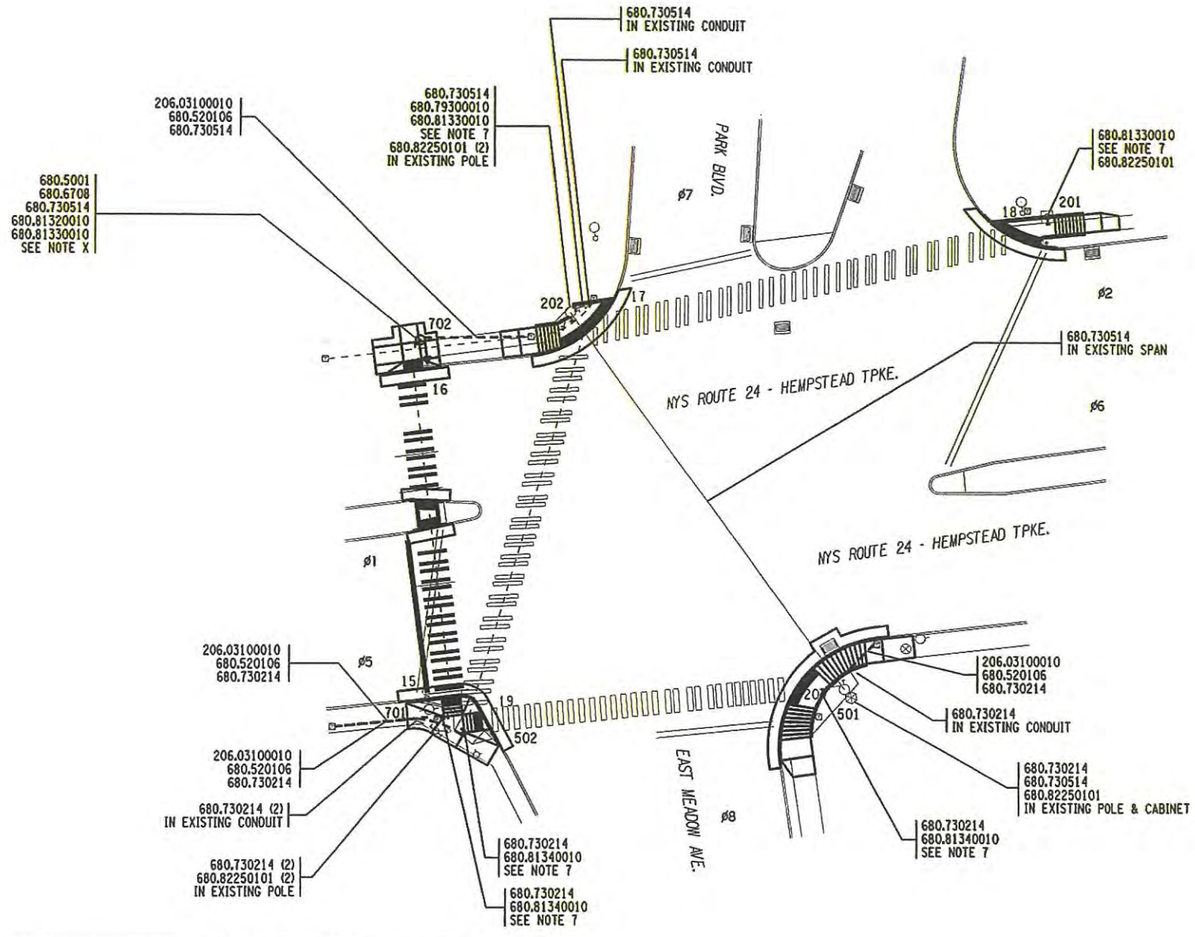
Auto Flash Phase/Olap Settings [1.4.2]

Yel Ø								
Yel (olaps)								

Unit Parameters [1.2.1]

Allow Skip Yellow	OFF	Max Cycle Time	
TOD Dim Enable	OFF	Cycle Fault Action	Alarm
Tone Disable	OFF		
Diamond Mode	4Ph		
Backup Time (s)	900		
Disable Init Ped	OFF		
Cycle Fault Action	Alarm		
Enable Run Timer	ON		

Loc 15



NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NYSDOT REGIONAL TRAFFIC SIGNAL DETAIL SHEETS AND NYS STANDARD SHEETS.
2. PRIOR TO BEGINNING ANY WORK ON THE CONTRACT, THE CONTRACTOR SHALL NOTIFY THE REGIONAL TRAFFIC SIGNAL SECTION TO PERFORM AN INSPECTION OF THE EXISTING TRAFFIC SIGNAL EQUIPMENT. AFTER THE INSPECTION, THE CONTRACTOR MUST SUBMIT A WRITTEN NOTIFICATION WITH THE DATE THEY WILL ASSUME TRAFFIC SIGNAL MAINTENANCE. NO WORK SHALL PROCEED ON THE CONTRACT UNTIL TRAFFIC SIGNAL MAINTENANCE IS ASSUMED. THE EXISTING TRAFFIC SIGNAL SHALL BE MAINTAINED UNDER ITEM 619.1613 EXCEPT FOR THE CONTROLLER, PROGRAMMING, AND TIMING WHICH SHALL BE MAINTAINED BY THE STATE.
3. ALL TRAFFIC SIGNALS SHALL BE MAINTAINED IN A TRAFFIC RESPONSIVE OPERATION AND ALL INTERCONNECT, WHERE EXISTING, SHALL BE MAINTAINED. THE CONTRACTOR SHALL PAY A LIQUIDATED DAMAGES CHARGE OF $500.00 PER CALENDAR DAY IF ACTUATION AND COORDINATION IS NOT MAINTAINED.
4. ALL VEHICLE DETECTION AND SIGNAL COORDINATION MUST BE MAINTAINED AT ALL TIME. SPLICING OF INDUCTANCE LOOP WIRE, SHIELDED LEAD-IN CABLE, AND INTERCONNECT CABLE SHALL BE ALLOWED FOR TEMPORARY REPAIRS DURING CONSTRUCTION ONLY. TEMPORARY LOOP DETECTORS, IF NECESSARY, SHALL BE AT LEAST 6 FT X 6 FT, BE CENTERED IN THEIR RESPECTIVE LANE, AND PAID FOR UNDER ITEMS 680.54 AND 680.72. OTHER TYPES OF TEMPORARY DETECTION MAY BE USED UPON APPROVAL OF THE REGIONAL TRAFFIC SIGNAL SECTION.
5. TRAFFIC SIGNAL TURN-ON SHALL BE DONE BY NYS TRAFFIC SIGNAL PERSONNEL ONLY. THE CONTRACTOR SHALL PAY A LIQUIDATED DAMAGES CHARGE OF $10,000 IF THE TRAFFIC SIGNAL IS TURNED ON (INCLUDING FLASHING OPERATION) WITHOUT NYS TRAFFIC SIGNAL PERSONNEL PRESENT. THE CONTRACTOR SHALL NOTIFY THE NYS TRAFFIC SIGNAL SECTION TWO WEEKS PRIOR TO THE REQUESTED DATE OF TURN-ON.
6. WHERE THERE IS A POTENTIAL FOR DANGEROUS PROXIMITY OR CONTACT WITH ENERGIZED ELECTRICAL SYSTEMS, UTILITIES SHALL BE CALLED TO DECIDE THE NEED TO DE-ENERGIZE OR INSULATE LINES, OR OTHERWISE PROTECT AGAINST ACCIDENTAL CONTACT.
7. ALL AUDIBLE PEDESTRIAN SIGNAL PUSHBUTTONS SHALL BE PROGRAMMED WITH CUSTOM VOICE AND THE CONTRACTOR SHALL SUPPLY THE PROGRAMMING WAVE FILE TO THE STATE FOR FUTURE USE.
8. THE EXISTING TRAFFIC SIGNAL POLES HAVE A HEIGHT OF 10 M (32.8 FT), A DESIGN LOAD OF 50 KN (11,240 LBS), AND A FOOTING MOMENT OF 474.6 KN-M (350 KIPS-FT).
9. IF THE BRICK COLLAR ON THE PULL BOXES IS DAMAGED OR MISSING, THE CONTRACTOR SHALL REPLACE THE COLLAR, WORK TO BE PAID FOR UNDER ITEM 680.51050010.
10. IF THE PULL BOXES HAVE EITHER OF THE 2 WIRE HANGERS MISSING AS PER DETAIL ON STANDARD SHEET 680-04, THE CONTRACTOR SHALL FURNISH AND INSTALL NEW WIRE HANGERS.
11. THE EXISTING PED POLES, LED TRAFFIC SIGNAL MODULES, LED PEDESTRIAN SIGNAL MODULES, ADA PEDESTRIAN PUSH BUTTONS, AND HAND HOLE COVERS SHALL BE RETURNED TO THE STATE. ALL OTHER EQUIPMENT SHALL BE DISPOSED OF BY THE CONTRACTOR.

NY 24 @ PARK BLVD
SIGNAL NO. 103.1

20 0 20 40 60 80'
1" = 40'

Turn on
4/29/20
MO

PROJECT MANAGER W. STROH, P.E.
CHECK
DRAFTING
CHECK K. DELANEY
DESIGN E. HUCKSTADT
JOB MANAGER S. CHALIL, P.E.
DESIGN SUPERVISOR D. DELGADO, P.E.

FILE NAME = 080968_CPH_TSP_014.DGN
DATE/TIME = 13-APR-2018 12:37
USER = kdelaney

AFFIX SEAL:
ON:

STATE OF NEW YORK
MD MONADIL ADNAN
No. 092202
LICENSED PROFESSIONAL ENGINEER

ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

ADA COMPLIANCE BLOCK
VARIOUS LOCATIONS

COUNTIES: NASSAU AND SUFFOLK REGION: 10

PIN 0809.68

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

TRAFFIC SIGNAL PLANS

NY 24 AT PARK BOULEVARD
EAST MEADOW, NASSAU COUNTY
SIGNAL NUMBER 103.1

CONTRACT NUMBER
D263615

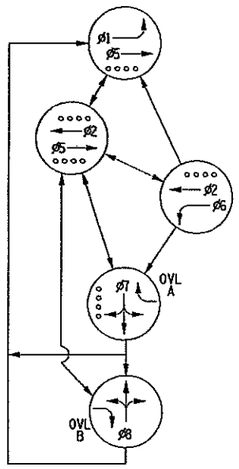
DRAWING NO. TSP-27
SHEET NO. 302

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

SEQUENCE TABLE SIGNAL NO. 103.1

PHASE	FACES 1	2,3	4	5	6,7	8	9	10,11	12,13	14	15	19,20	17,18	19,20
	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	16" / 12"	16"X18"	12"	12"
ø1 & ø5	◄G	G	G	R	R	R	R	R	R	R	DW	DW	DW	•DW
ø2 & ø5	◄G	G	G	R	G	G	R	R	R	R	DW	DW	•DW	•DW
ø2 & ø6	R	R	R	◄G	G	G	R	R	R	R	DW	DW	•DW	DW
ø7 & OVL A	R	R	R	R	R	R / ►G	R	R	G / ◄G	G	•DW	•DW	DW	DW
ø8 & OVL B	R	R	R / ►G	R	R	R	G	G / ◄G	R	R	DW	DW	DW	DW
FLASH	R	Y	Y	R	Y	Y	R	R	R	R	—	—	—	—



PHASE 2 AND PHASE 6 SHALL BE PLACED ON RECALL GREEN.

FACES 15, 16, 17, 18, 19, AND 20 SHALL USE A R10-3E SIGN FROM THE FEDERAL MUTCD.

•SHALL BE "[hand]" UPON ACTUATION FOLLOWED BY A FLASHING "[hand]".

1
21
2
9
33

ESTIMATE OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY ESTIMATE	QUANTITY ACTUAL
206.03100010	TRAFFIC SIGNAL CONDUIT EXACAVATION AND BACKFILL	LF	57	
619.1611	MAINTAIN TRAFFIC SIGNAL EQUIPMENT, REQUIREMENT "A"	INTMO	6	
680.5001	POLE EXCAVATION AND CONCRETE FOUNDATION	CY	1.2	
680.520106	CONDUIT, METAL STEEL, ZINC COATED, 2"	LF	57	
680.6708	TRAFFIC SIGNAL POLE - POST TOP MOUNT, 8 FEET MOUNTING HEIGHT	EA	1	
680.730214	SIGNAL CABLE 2 CONDUCTORS, 14 AWG	LF	243	
680.730514	SIGNAL CABLE 5 CONDUCTORS, 14 AWG	LF	268	
680.79300010	REMOVE TRAFFIC SIGNAL HEAD OR PEDESTRIAN SIGNAL HEAD	EA	1	
680.81320010	LED PEDESTRIAN SIGNAL WITH COUNTDOWN TIMER, 16" X 18"	EA	1	
680.81330010	AUDIBLE PEDESTRIAN SIGNAL	EA	3	
680.81340010	AUDIBLE PEDESTRIAN SIGNAL - WITH POST	EA	3	
680.82250101	REMOVE PEDESTRIAN PUSHBUTTON AND SIGN ASSEMBLY	EA	6	

PROJECT MANAGER W. STROH, P.E.
CHECK
DRAFTING
DESIGN E. HUCKSTADT
CHECK K. DELANEY
JOB MANAGER S. CHALIL, P.E.
DESIGN SUPERVISOR D. DELGADO, P.E.

FILE NAME = 080968_CPH_TSP_014.DGN
DATE/TIME = 15-APR-2018 12:36
USER = kdelaney

AFFIX SEAL: ON:

STATE OF NEW YORK ★ MD MONADIL ADNAN ★ LICENSED PROFESSIONAL ENGINEER No. 092302

ALTERED BY: ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

ADA COMPLIANCE BLOCK
VARIOUS LOCATIONS

COUNTIES: NASSAU AND SUFFOLK REGION: 10

PIN 0809.68

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

TRAFFIC SIGNAL PLANS

NY 24 AT PARK BOULEVARD
EAST MEADOW, NASSAU COUNTY
SIGNAL NUMBER 103.1

CONTRACT NUMBER D263615

DRAWING NO. TSP-28

SHEET NO. 303

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

SIGNAL OPERATION SPECIFICATIONS
TABLE OF SWITCH PACKS

SIGNAL NO.: 103.1 COUNTY: NASSAU

SWITCH PACK	FUNCTION	FACE NOS.	INDICATIONS	TERMINAL WIRING BOARD TERMINAL	WIRE COLOR CODE			
SP1 E-N	ø1	1	←R ←Y ←G NEUTRAL WIRE	SP 1R SP 1Y SP 1G NEUTRAL BUS	EXISTING EXISTING EXISTING EXISTING	-- -- -- --	-- -- -- --	-- -- -- --
SP2 W-S	ø6	5	←R ←Y ←G NEUTRAL WIRE	SP 2R SP 2Y SP 2G NEUTRAL BUS	EXISTING EXISTING EXISTING EXISTING	-- -- -- --	-- -- -- --	-- -- -- --
SP3 W	ø2	6 7 8	R Y G NEUTRAL WIRE	SP 3R SP 3Y SP 3G NEUTRAL BUS	EXISTING EXISTING EXISTING EXISTING	-- -- -- --	-- -- -- --	-- -- -- --
SP4			NEUTRAL WIRE	SP 4R SP 4Y SP 4G NEUTRAL BUS	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --
SP5 S	PED "A" ø7	15 16	DONT WALK WALK NEUTRAL WIRE	SP 5R SP 5Y SP 5G NEUTRAL BUS	EXISTING EXISTING EXISTING	14/5C-1-R 14/5C-1-G 14/5C-1-W	-- -- --	-- -- --
SP6 S	ø7	12 13 14	R Y G+ ←G NEUTRAL WIRE	SP 6R SP 6Y SP 6G NEUTRAL BUS	EXISTING EXISTING EXISTING EXISTING	-- -- -- --	-- -- -- --	-- -- -- --
SP7 N	ø8	9 10 11	R Y G+ ←G NEUTRAL WIRE	SP 7R SP 7Y SP 7G NEUTRAL BUS	EXISTING EXISTING EXISTING EXISTING	-- -- -- --	-- -- -- --	-- -- -- --
SP8 W	PED "B" ø2	17 18	DONT WALK WALK NEUTRAL WIRE	SP 8R SP 8Y SP 8G NEUTRAL BUS	EXISTING EXISTING EXISTING	EXISTING EXISTING EXISTING	-- -- --	-- -- --
SP9 W-N	OVL "A" ø7	8	→ ←G NEUTRAL WIRE	SP 9R SP 9Y SP 9G NEUTRAL BUS	EXISTING EXISTING EXISTING	-- -- --	-- -- --	-- -- --
SP10 E	ø5	2 3 4	R Y G NEUTRAL WIRE	SP 10R SP 10Y SP 10G NEUTRAL BUS	EXISTING EXISTING EXISTING EXISTING	-- -- -- --	-- -- -- --	-- -- -- --
SP11 E-S	OVL "B" ø8	4	→ ←G NEUTRAL WIRE	SP 11R SP 11Y SP 11G NEUTRAL BUS	EXISTING EXISTING EXISTING	-- -- --	-- -- --	-- -- --
SP12 E	PED "C" ø5	19 20	DONT WALK WALK NEUTRAL WIRE	SP 12R SP 12Y SP 12G NEUTRAL BUS	EXISTING EXISTING EXISTING	EXISTING EXISTING EXISTING	-- -- --	-- -- --

NO new cuts

SIGNAL OPERATION SPECIFICATIONS
TABLE OF INPUT WIRING

SIGNAL NO.: 103.1 COUNTY: NASSAU

FUNCTION	DETECTOR NUMBER	TYPE	TERMINAL BOARD WIRING
E-N ø1	11	PRESENCE LOOP	EXISTING
W-S ø6	62	PRESENCE LOOP	EXISTING
N ø8	83	PRESENCE LOOP	EXISTING
N ø8	84	PRESENCE LOOP	EXISTING
N ø8	85	PRESENCE LOOP	EXISTING
S ø7	76	PRESENCE LOOP	EXISTING
S ø7	77	PRESENCE LOOP	EXISTING
S ø7	78	PRESENCE LOOP	EXISTING
--	--	--	9A , 9B
--	--	--	10A , 10B
--	--	--	11A , 11B
--	--	--	12A , 12B
--	--	--	13A , 13B
E ø5	501,502	PED BUTTON	EXISTING
S ø7	701,702	PED BUTTON	EXISTING
W ø2	201,202	PED BUTTON	EXISTING
--	--	--	17A , 17B
--	--	--	18A , 18B
--	--	--	19A , 19B
--	--	--	20A , 20B
--	--	--	21A , 21B
--	--	--	22A , 22B
--	--	--	23A , 23B
--	--	--	24A , 24B
--	--	--	25A , 25B
--	--	--	26A , 26B
--	--	--	27A , 27B
--	--	--	28A , 28B

KEY FOR WIRE COLOR CODE

14/ 19C - 1 - R/B
XX/ XXC - X - X/X

AWG | NO. OF CONDUCTORS | CABLE NO. FOR THE GIVEN CONDUCTOR SIZE | COLOR OF WIRE | TRACER COLOR

COLOR: B-BLACK O-ORANGE
BL-BLUE R-RED
G-GREEN W-WHITE

LEGEND

G =CIRCULAR GREEN
Y =CIRCULAR YELLOW
R =CIRCULAR RED
←G =LEFT GREEN ARROW
G→ =RIGHT GREEN ARROW
↓G =VERTICAL GREEN ARROW
←R =LEFT RED ARROW
R→ =RIGHT RED ARROW
←Y =LEFT YELLOW ARROW
Y→ =RIGHT YELLOW ARROW

AFFIX SEAL: ON:

STATE OF NEW YORK
MD MONADIL ADNAN
No. 092302
LICENSED PROFESSIONAL ENGINEER

ALTERED BY: ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

ADA COMPLIANCE BLOCK
VARIOUS LOCATIONS
COUNTIES: NASSAU AND SUFFOLK REGION: 10

PIN 0809.68

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

TRAFFIC SIGNAL PLANS
MICROCOMPUTER SIGNAL OPERATION SPEC.
NY 24 AT PARK BOULEVARD
EAST MEADOW, NASSAU COUNTY
SIGNAL NUMBER 103.1

CONTRACT NUMBER D263615

DRAWING NO. MSOS-14

SHEET NO. 377

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

PROJECT MANAGER W. STROH, P.E.
CHECK
DRAFTING
CHECK K. DELANEY
DESIGN E. HUCKSTADT
JOB MANAGER S. CHALIL, P.E.
DESIGN SUPERVISOR D. DELGADO, P.E.
FILE NAME = 080968_CPH_TSP_014.DGN
DATE/TIME = 13-APR-2018 12:37
USER = kdelaney

Same signal timing and phasing for all peak hours

NASSAU COUNTY OFFICIAL T.S.L. TIMING RECORD

Loc 16

Intersection: Merrick Avenue, Peters Gate & Glenn Curtiss Blvd.
Town: East Meadow
Signal No.: 11318

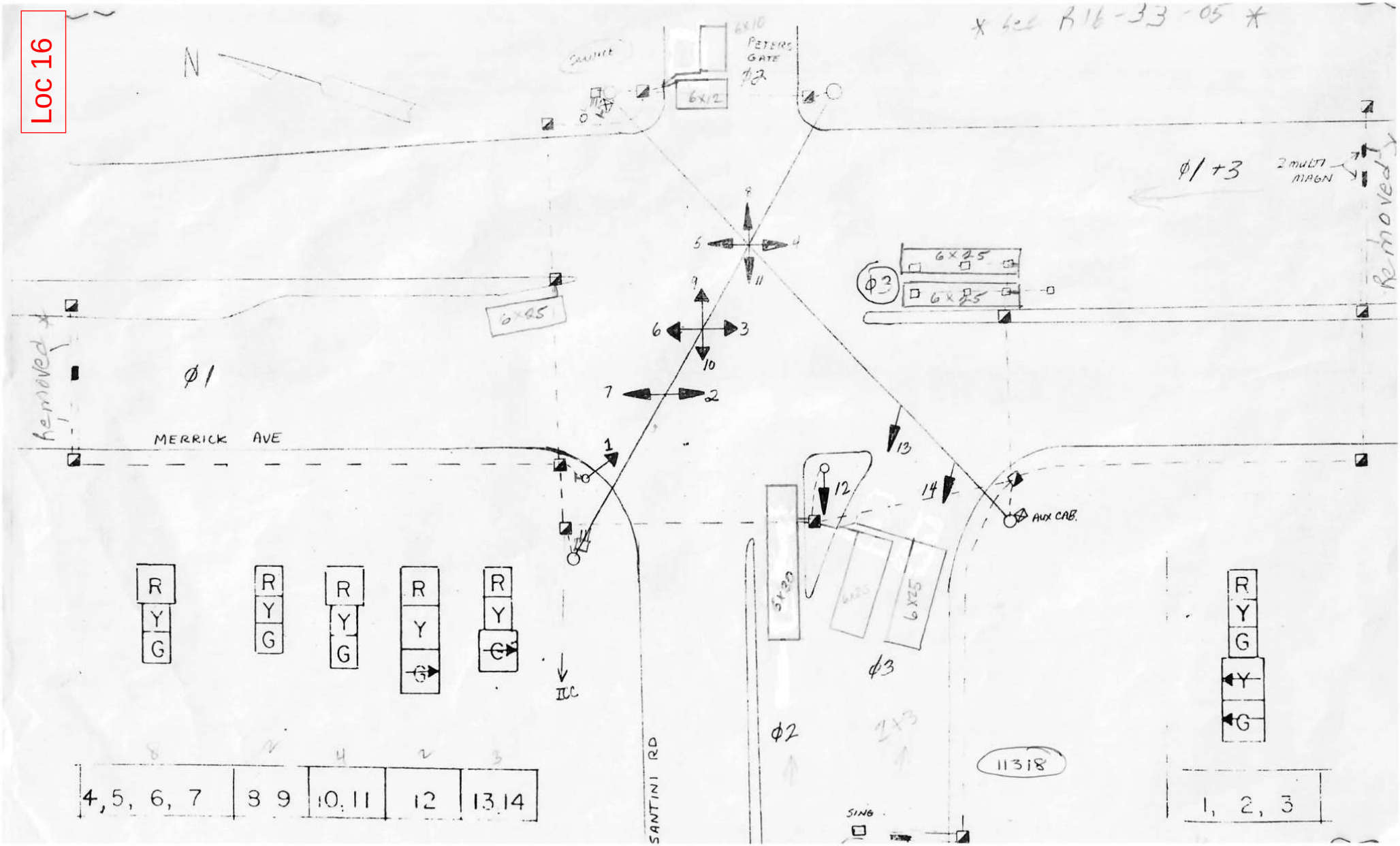
Remarks: 90" cycle
Date: 12/30/2005 smd

Intersection Approach	Merrick Avenue	Glenn Curt. & Peters	N/B L/T E/B R/T
Phase	2,6 1	4,8 2	5 3
Detector Spacing	-----	Presence	Presence
Minimum Green Maximum Initial Seconds per Actuation	20	6	6
Time Before Reduction			
Passage Time	0.0	3.0	3.0
Time To Reduce To Min. Gap Set Below			
Minimum Gap			
Walk	0	8	0
Pedestrian Clearance	0	22	0
Maximum Green 1	20	25	20
Maximum Green 2	20	25	20
Recall	On (1)	Off (4)	Off (4)
Memory	On	Off	Off
Clearance (Yellow)	4.0	4.0	3.0
Clearance All Red	2.0	2.0	2.0

Note: S/B L/T calling Detector calls phase 2 with a 6 second delay on amplifier

These timings provided by the County do not add up to a 90 second cycle length. Therefore; to have a 90 second cycle length we increased the mainline Merrick Ave to 34 seconds.

Loc 16


* see R16-33-05 *
N
6X10
PETERS GATE
ϕ2
6X12
ϕ1+3
2 MULTI MAGN
Removed
6X25
ϕ3
6X25
6X25
Removed
ϕ1
MERRICK AVE
1
2
3
4
5
6
7
8
9
10
11
12
13
14
AUX CAB.
5X20
6X25
6X25
ϕ3
ϕ2
SANTINI RD
SING
11318
R
Y
G
R
Y
G
R
Y
G
R
Y
G
R
Y
G
R
Y
G
4, 5, 6, 7
8 9
10, 11
12
13, 14
1, 2, 3

3047

Loc 17

Phase Times [1.1.1]

	1	2	3	4	5	6	7	8
Min Green	7	10		7	7	10		7
Gap, Ext	2.1	1		3	2.4	1		3
Max 1	23	50		35	23	50		35
Max 2								
Yel Clearance	4	5		4	4	5		4
Red Clearance	2	3		4	2	3		4
Walk				7				7
Ped Clearance				46				46
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								

Options [1.1.2]

	1	2	3	4	5	6	7	8
Enable	ON	ON		ON	ON	ON		ON
Min Recall								
Max Recall		ON				ON		
Ped Recall								
Soft Recall								
Lock Calls	ON			ON	ON			ON
Auto Flash Entry								
Auto Flash Exit								
Dual Entry		ON		ON		ON		ON
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								

Options+ [1.1.3]

	1	2	3	4	5	6	7	8
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay				5				5

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	120	4	1	1	13	0	0	13	1	25	0	0	0	1	37	0	0	0	1
2	140	33	2	1	14	0	0	14	1	26	0	0	0	1	38	0	0	0	1
3	160	28	3	1	15	0	0	15	1	27	0	0	0	1	39	0	0	0	1
4	90	70	4	1	16	0	0	16	1	28	0	0	0	1	40	0	0	0	1
5	0	0	5	1	17	0	0	17	1	29	0	0	0	1	41	0	0	0	1
6	0	0	6	1	18	0	0	18	1	30	0	0	0	1	42	0	0	0	1
7	0	0	7	1	19	0	0	19	1	31	0	0	0	1	43	0	0	0	1
8	200	0	8	1	20	0	0	20	1	32	0	0	0	1	44	0	0	0	1
9	140	98	9	1	21	0	0	21	1	33	0	0	0	1	45	0	0	0	1
10	140	42	10	1	22	0	0	22	1	34	0	0	0	1	46	0	0	0	1
11	0	0	11	1	23	0	0	23	1	35	0	0	0	1	47	0	0	0	1
12	0	0	12	1	24	0	0	24	1	36	0	0	0	1	48	0	0	0	1
Split		1	2	3	4	5	6	7	8	Split		1	2	3	4	5	6	7	8
1	Coor	24	54	0	42	24	54	0	42	13	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
2	Coor	32	61	0	47	32	61	0	47	14	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
3	Coor	31	77	0	52	31	77	0	52	15	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
4	Coor	20	40	0	30	20	40	0	30	16	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
5	Coor	0	0	0	0	0	0	0	0	17	Coor	0	0	0	0	0	0	0	0
	2	NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
6	Coor	0	0	0	0	0	0	0	0	18	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
7	Coor	0	0	0	0	0	0	0	0	19	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
8	Coor	26	127	0	47	26	127	0	47	20	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
9	Coor	32	61	0	47	32	61	0	47	21	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
10	Coor	32	61	0	47	32	61	0	47	22	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
11	Coor	0	0	0	0	0	0	0	0	23	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
12	Coor	0	0	0	0	0	0	0	0	24	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON

Page#	
1	8 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
1A&1B	16 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
2	Overlaps; Channel Settings; Coord Alt Table+ (values not associated with time-of-day)
3	Detection; Sample Time and Unit Parameters related to detection
4	Preemption and Alternate Phase Time and Phase Options
5	Annual Schedule
6	Day Plans; Action Tables; Coord Alt Table+ (values varied by time-of-day)
7	Communications; Secutiry; I/O Setup
8	Misc - Events/Alarms; Call/Inhibit/Redirect; P/OLAP Auto Flash; CIC; Misc Unit Param

Ring/Startup [1.1.4]

Phs	Ring	Start	Enable
1	1	Red	ON
2	1	Green	ON
3	1	Red	OFF
4	1	Red	ON
5	2	Red	ON
6	2	Green	ON
7	2	Red	OFF
8	2	Red	ON

Coord Modes [2.1]

Test OpMode	0
Correction	SHRT/LNG
Maximum	MAX 1
Force-Off	FIXED
Closed Loop	ON
Stop-in-Walk	ON
Auto Reset	ON
Expand Splt	OFF
Ped Recycle	NO_RECYCLE
Before	TIMED
After	TIMED

Auto Flash [1.4.1]

Auto Flash	PH OVER
Flash Yel	45
Flash Red	20

Unit Params [1.2.1]

Phase Mode	STD8
IO Mode	User
Loc Flsh Start	Red
Start Flash(s)	0
Start AllRed(s)	6
Yellow < 3"	OFF
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	1
Auxswitch	STOPTM
SDLC Retry	0
TS2 Det Faults	ON
Auto Ped Clear	OFF
SDLC Retry	0

Times [1.1.1]	1	2	3	4	5	6	7	8
Min Green	7	10		7	7	10		7
Gap, Ext	2.1	1		3	2.4	1		3
Max 1	23	50		35	23	50		35
Max 2								
Yel Clearance	4	5		4	4	5		4
Red Clearance	2	3		4	2	3		4
Walk				7				7
Ped Clearance				46				46
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								
Options [1.1.2]	1	2	3	4	5	6	7	8
Enable	ON	ON		ON	ON	ON		ON
Min Recall								
Max Recall		ON				ON		
Ped Recall								
Soft Recall								
Lock Calls	ON			ON	ON			ON
Auto Flash Entry								
Auto Flash Exit								
Dual Entry		ON		ON		ON		ON
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								
Options+ [1.1.3]	1	2	3	4	5	6	7	8
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay	0	0	0	5	0	0	0	5

3047 Rt 24 @ California Ave Sig# 102.2

Coord Patterns [2.4] and Split Tables [2.7.1]

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	120	4	1	1	13	0	0	13	1	25	0	0	0	1	37	0	0	0	1
2	140	33	2	1	14	0	0	14	1	26	0	0	0	1	38	0	0	0	1
3	160	28	3	1	15	0	0	15	1	27	0	0	0	1	39	0	0	0	1
4	90	70	4	1	16	0	0	16	1	28	0	0	0	1	40	0	0	0	1
5	0	0	5	1	17	0	0	17	1	29	0	0	0	1	41	0	0	0	1
6	0	0	6	1	18	0	0	18	1	30	0	0	0	1	42	0	0	0	1
7	0	0	7	1	19	0	0	19	1	31	0	0	0	1	43	0	0	0	1
8	200	0	8	1	20	0	0	20	1	32	0	0	0	1	44	0	0	0	1
9	140	98	9	1	21	0	0	21	1	33	0	0	0	1	45	0	0	0	1
10	140	42	10	1	22	0	0	22	1	34	0	0	0	1	46	0	0	0	1
11	0	0	11	1	23	0	0	23	1	35	0	0	0	1	47	0	0	0	1
12	0	0	12	1	24	0	0	24	1	36	0	0	0	1	48	0	0	0	1

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Coor	24	54	0	42	24	54	0	42	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NVD	NVD	NVD	NVD	NVD	NVD	NVD	NVD
2	Coor	32	61	0	47	32	61	0	47	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NVD	NVD	NVD	NVD	NVD	NVD	NVD	NVD
3	Coor	31	77	0	52	31	77	0	52	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NVD	NVD	NVD	NVD	NVD	NVD	NVD	NVD
4	Coor	20	40	0	30	20	40	0	30	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
5	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
6	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
7	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
8	Coor	26	127	0	47	26	127	0	47	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
9	Coor	32	61	0	47	32	61	0	47	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
10	Coor	32	61	0	47	32	61	0	47	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
11	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
12	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
13	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
14	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
15	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
16	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

User Phase Mode

Phase>8 or Rings > 2

Coord Modes [2.1]	
Test OpMode	0
Correction	SHRT/LNG
Maximum	MAX 1
Force-Off	FIXED
Closed Loop	ON
Stop-in-Walk	ON
Auto Reset	ON
Expand Splt	OFF
Ped Recycle	NO_RECYCLE
Before	TIMED
After	TIMED
Auto Flash [1.4.1]	
Auto Flash	PH OVER
Flash Yel	45
Flash Red	20
Unit Params [1.2.1]	
Phase Mode	STD8
IO Mode	User
Loc Flsh Start	Red
Start Flash(s)	0
Start AllRed(s)	6
Yellow < 3"	OFF
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	1
Auxswitch	STOPTM
SDLC RetryTm	0
TS2 Det Faults	ON
Auto Ped Clear	OFF

<- Mode NON is Blank

03/27/23 **Page 1A**

Times [1.1.1]	9	10	11	12	13	14	15	16
Min Green								
Gap, Ext								
Max 1								
Max 2								
Yel Clearance	3	4	3	4	3	4	3	4
Red Clearance	2	2	2	2	2	2	2	2
Walk								
Ped Clearance								
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								

Options [1.1.2]	9	10	11	12	13	14	15	16
Enable								
Min Recall								
Max Recall								
Ped Recall								
Soft Recall								
Lock Calls								
Auto Flash Entry								
Auto Flash Exit								
Dual Entry								
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								

Options+ [1.1.3]	9	10	11	12	13	14	15	16
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay								

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1] — Ring/Startup [1.1.4]

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Phs	Ring	Start
17	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	2	1	Green
18	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	4	1	Red
19	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	6	2	Green
20	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	2	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	8	2	Red
21	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	10		Red
22	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	12		Red
23	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	14		Red
24	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	16		Red

Concurrency [1.1.4]

Phs	Concurrent Phases										Phs	Concurrent Phases								
1	5	6	0	0	0	0	0	0			9	0	0	0	0	0	0	0	0	
2	5	6	0	0	0	0	0	0			10	0	0	0	0	0	0	0	0	
3	7	8	0	0	0	0	0	0			11	0	0	0	0	0	0	0	0	
4	7	8	0	0	0	0	0	0			12	0	0	0	0	0	0	0	0	
5	1	2	0	0	0	0	0	0			13	0	0	0	0	0	0	0	0	
6	1	2	0	0	0	0	0	0			14	0	0	0	0	0	0	0	0	
7	3	4	0	0	0	0	0	0			15	0	0	0	0	0	0	0	0	
8	3	4	0	0	0	0	0	0			16	0	0	0	0	0	0	0	0	

Note: Expanded Splits are not used because "Expanded Splits" is OFF

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	0	0	1	1	25	0	0	0	1
2	0	0	2	1	26	0	0	0	1
3	0	0	3	1	27	0	0	0	1
4	0	0	4	1	28	0	0	0	1
5	0	0	5	1	29	0	0	0	1
6	0	0	6	1	30	0	0	0	1
7	0	0	7	1	31	0	0	0	1
8	0	0	8	1	32	0	0	0	1
9	0	0	9	1	33	0	0	0	1
10	0	0	10	1	34	0	0	0	1
11	0	0	11	1	35	0	0	0	1
12	0	0	12	1	36	0	0	0	1
13	0	0	13	1	37	0	0	0	1
14	0	0	14	1	38	0	0	0	1
15	0	0	15	1	39	0	0	0	1
16	0	0	16	1	40	0	0	0	1
17	0	0	17	1	41	0	0	0	1
18	0	0	18	1	42	0	0	0	1
19	0	0	19	1	43	0	0	0	1
20	0	0	20	1	44	0	0	0	1
21	0	0	21	1	45	0	0	0	1
22	0	0	22	1	46	0	0	0	1
23	0	0	23	1	47	0	0	0	1
24	0	0	24	1	48	0	0	0	1

Expanded Splits	**OFF**

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

24	Coord	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON
		0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
2	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
3	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
4	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
5	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
6	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
7	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
8	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
9	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
10	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
11	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
12	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
13	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
14	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
15	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
16	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
17	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
18	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
19	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
20	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
21	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
22	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
23	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

3047 **Rt 24 @ California Ave Sig# 102.2** 3/27/2023

Overlap 1-16 Program Parms & Parm+ [1.5.2.1] [1.5.2.2]

Overlap Conflict Lock	OFF	Overlap Lock Inhibit	OFF	Parent Ph Clearance	OFF	Extra Included Ph	ON

	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
1	Modifier Ø								Grn		9	Modifier Ø								Grn	
	Conflict Ø								Yel	3		Conflict Ø								Yel	3.5
A	Conflict Olap								Red	2	I	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
2	Modifier Ø								Grn		10	Modifier Ø								Grn	
	Conflict Ø								Yel	3		Conflict Ø								Yel	3.5
B	Conflict Olap								Red	2	J	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
3	Modifier Ø								Grn		11	Modifier Ø								Grn	
	Conflict Ø								Yel	3		Conflict Ø								Yel	3.5
C	Conflict Olap								Red	2	K	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
4	Modifier Ø								Grn		12	Modifier Ø								Grn	
	Conflict Ø								Yel	3		Conflict Ø								Yel	3.5
D	Conflict Olap								Red	2	L	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
5	Modifier Ø								Grn		13	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
E	Conflict Olap								Red	1.5	M	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
6	Modifier Ø								Grn		14	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
F	Conflict Olap								Red	1.5	N	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
7	Modifier Ø								Grn		15	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
G	Conflict Olap								Red	1.5	O	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
8	Modifier Ø								Grn		16	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
H	Conflict Olap								Red	1.5	P	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	

Channel Settings [1.8.1]

.....Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Phase / Olap #	1	6	2		8	4				5	8	4												
Channel Type	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	PED	PED	VEH	VEH	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Channel Flash	Red	YEL	YEL	Red	Red	Red	Red	Red	Red	Red	DRK	DRK	Red	Red	DRK	DRK	DRK	DRK	DRK	DRK	DRK	DRK	DRK	DRK
Alt Hz																								

Channel+ Settings [1.8.4]

.....Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Flash Red+																								
Flash Yellow+																								
Flash Green+																								
Flash Inh Red+																								
Olap Ovrd																								

Coord Transition, CoorPhs [2.5]

Pat#	Short	Long	Dwell	No Shortway Ø				E-Yld	Offset	RetHld	Float	Min Veh Perm	Min Ped Perm
1	12	22							EndGRN				
2	12	22							EndGRN				
3	12	22							EndGRN				
4	12	22							EndGRN				
5	12	22							EndGRN				
6	12	22							EndGRN				
7	12	22							EndGRN				
8	12	22							EndGRN				
9	12	22							EndGRN				
10	12	22							EndGRN				
11	12	22							EndGRN				
12	12	22							EndGRN				
13	12	22							EndGRN				
14	12	22							EndGRN				
15	12	22							EndGRN				
16	12	22							EndGRN				
17	12	22							EndGRN				
18	12	22							EndGRN				
19	12	22							EndGRN				
20	12	22							EndGRN				
21	12	22							EndGRN				
22	12	22							EndGRN				
23	12	22							EndGRN				
24	12	22							EndGRN				
25									BegGRN				
26									BegGRN				
27									BegGRN				
28									BegGRN				
29									BegGRN				
30									BegGRN				
31									BegGRN				
32									BegGRN				
33									BegGRN				
34									BegGRN				
35									BegGRN				
36									BegGRN				
37									BegGRN				
38									BegGRN				
39									BegGRN				
40									BegGRN				
41									BegGRN				
42									BegGRN				
43									BegGRN				
44									BegGRN				
45									BegGRN				
46									BegGRN				
47									BegGRN				
48									BegGRN				

Channel Params[1.8.3]

C1 IO Mode	User	Single BIU Map	SINGLE	Invert Rail Input	OFF

Veh Par 1-64 [5.1]

Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time
1	1						45	50	255
2	4						45	50	255
3	4						45	50	255
4	5						45	50	255
5	3						45	50	255
6	8						45	50	255
7	8						45	50	255
8	8						45	50	255
9							45	50	255
10							45	50	255
11							45	50	255
12							45	50	255
13							45	50	255
14							45	50	255
15							45	50	255
16							45	50	255
17							45	50	255
18							45	50	255
19							45	50	255
20							45	50	255
21							45	50	255
22							45	50	255
23							45	50	255
24							45	50	255
25							45	50	255
26							45	50	255
27							45	50	255
28							45	50	255
29							45	50	
30							45	50	
31							45	50	
32							45	50	

Veh Par 1-64 [5.1]

Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time
33							45	50	
34							45	50	
35							45	50	
36							45	50	
37							45	50	
38							45	50	
39							45	50	
40							45	50	
41							45	50	
42							45	50	
43							45	50	
44							45	50	
45							45	50	
46							45	50	
47							45	50	
48							45	50	
49							45	50	
50							45	50	
51							45	50	
52							45	50	
53							45	50	
54							45	50	
55							45	50	
56							45	50	
57							45	50	
58							45	50	
59							45	50	
60							45	50	
61							45	50	
62							45	50	
63							45	50	
64							45	50	

Vehicle Options 1-64 [5.2]

Det #	Call	Ext	Que	Add Init	Red Lock	Yell Lock	occ	vol
1	ON	ON		ON				
2	ON	ON		ON				
3	ON	ON		ON				
4	ON	ON		ON				
5	ON	ON		ON				
6	ON	ON		ON				
7	ON	ON		ON				
8	ON	ON		ON				
9	ON	ON		ON				
10	ON	ON		ON				
11	ON	ON		ON				
12	ON	ON		ON				
13	ON	ON		ON				
14	ON	ON		ON				
15	ON	ON		ON				
16	ON	ON		ON				
17	ON	ON		ON				
18	ON	ON		ON				
19	ON	ON		ON				
20	ON	ON		ON				
21	ON	ON		ON				
22	ON	ON		ON				
23	ON	ON		ON				
24	ON	ON		ON				
25	ON	ON		ON				
26	ON	ON		ON				
27	ON	ON		ON				
28	ON	ON		ON				
29	ON	ON		ON				
30	ON	ON		ON				
31	ON	ON		ON				
32	ON	ON		ON				

Vehicle Options 1-64 [5.2]

Det #	Call	Ext	Que	Add AddInit	Red Lock	Yell Lock	occ	vol
33	ON	ON		ON				
34	ON	ON		ON				
35	ON	ON		ON				
36	ON	ON		ON				
37	ON	ON		ON				
38	ON	ON		ON				
39	ON	ON		ON				
40	ON	ON		ON				
41	ON	ON		ON				
42	ON	ON		ON				
43	ON	ON		ON				
44	ON	ON		ON				
45	ON	ON		ON				
46	ON	ON		ON				
47	ON	ON		ON				
48	ON	ON		ON				
49	ON	ON		ON				
50	ON	ON		ON				
51	ON	ON		ON				
52	ON	ON		ON				
53	ON	ON		ON				
54	ON	ON		ON				
55	ON	ON		ON				
56	ON	ON		ON				
57	ON	ON		ON				
58	ON	ON		ON				
59	ON	ON		ON				
60	ON	ON		ON				
61	ON	ON		ON				
62	ON	ON		ON				
63	ON	ON		ON				
64	ON	ON		ON				

Parameters+ 1-64 [5.3]

Det #	oc G	oc Y	oc R	Dlay 1	Dlay 2	Type	Src
1						NORM	
2						NORM	
3						NORM	
4						NORM	
5						NORM	
6						NORM	
7						NORM	
8						NORM	
9						NORM	
10						NORM	
11						NORM	
12						NORM	
13						NORM	
14						NORM	
15						NORM	
16						NORM	
17						NORM	
18						NORM	
19						NORM	
20						NORM	
21						NORM	
22						NORM	
23						NORM	
24						NORM	
25						NORM	
26						NORM	
27						NORM	
28						NORM	
29						NORM	
30						NORM	
31						NORM	
32						NORM	

Parameters+ 1-64 [5.3]

Det #	occ Grn	occ Yell	occ Red	Dlay 1	Dlay 2	Type	Src
33						NORM	
34						NORM	
35						NORM	
36						NORM	
37						NORM	
38						NORM	
39						NORM	
40						NORM	
41						NORM	
42						NORM	
43						NORM	
44						NORM	
45						NORM	
46						NORM	
47						NORM	
48						NORM	
49						NORM	
50						NORM	
51						NORM	
52						NORM	
53						NORM	
54						NORM	
55						NORM	
56						NORM	
57						NORM	
58						NORM	
59						NORM	
60						NORM	
61						NORM	
62						NORM	
63						NORM	
64						NORM	

Ped Det Parms [5.4]

Det #	Call Ø	No Act	Max Pres	Err Cnt
1	4		15	
2	8		15	
3	8		15	
4	4		15	
5			15	
6			15	
7			15	
8			15	

Unit Paramters [1.2.1]

TS2 Det Faults	ON
Vol/Occ Report Parm [1.5.8]	
Vol/Occ Period Minutes	0
Vol/Occ Period Minutes	15

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Preemption Times [3.1], Options+ [3.6]

Pre #	Enable	Type	Output	Delay	MinDura
1	ON	RAIL	Dwell		15
2	ON	RAIL	Dwell		15
3	ON	EMERG	Dwell		5
4	ON	EMERG	Dwell		5
5	ON	EMERG	Dwell		5
6	ON	EMERG	Dwell		5
Pre #	MaxPres	MinGrn	MinWlk	PedClr	Co+Pre
1	180	3			ON
2	180	3			ON
3	180	3		10	ON
4	180	3		10	ON
5	180	3		10	ON
6	180	3		10	ON
Pre #	Track Grn	Min Dwell	Ext Dwell	PedClr+	Yel
1		2			
2		2			
3		2			
4		2			
5		2			
6		2			

Pre #	Red	Pattern	Skip
1			OFF
2			OFF
3			OFF
4			OFF
5			OFF
6			OFF

Low Priority Preempts

Pre #	Type	Min	Max
7	OFF		
8	OFF		
9	OFF		
10	OFF		

Unit Parameters [1.2.1]

Stop Timer Over Preempt	OFF
Preempt or Ext Output	PRE
Max Seek Track Time	
Max Seek Dwell Time	

Channel Parameters [1.8.3]

D Conn Mappings	None
Pre Invert Rail Input	OFF

Track Clear Phases [3.2], Track Clear Overlaps+ [3.5]

Pre #	Track Phases				Track Overlaps											
1																
2																
3																
4																
5																
6																

Dwell Phases [3.2] and Overlaps+ [3.5]

Pre #													
1	Phases												
	Overlap												
	Peds												
2	Phases												
	Overlap												
	Peds												
3	Phases												
	Overlap												
	Peds												
4	Phases												
	Overlap												
	Peds												
5	Phases												
	Overlap												
	Peds												
6	Phases												
	Overlap												
	Peds												

Exit Phases [3.2]

Pre #	Exit Phase				
1					
2					
3					
4					
5					
6					

Preemption Options+ [3.6]

Pre #	Lock	Override Auto Flsh	Override Higher	Flsh Dwell	Link
1	ON	ON	ON	OFF	
2	ON	ON	ON	OFF	
3	ON	ON	ON	OFF	
4	ON	ON	ON	OFF	
5	ON	ON	ON	OFF	
6	ON	ON	ON	OFF	

Alt# 1 Times Table [1.1.6.1.2]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 2 Times Table [1.1.6.1.2]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 3 Times Table [1.1.6.1.3]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 1 Options Table [1.1.6.2.1]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 1 Veh Parameters [5.5.1.1]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Swiitch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 1 Veh Options [5.5.1.2]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 1 Veh Parameters+ [5.5.1.3]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 1 Ped Parameters+ [5.5.1.4]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Alt# 2 Options Table [1.1.6.2.2]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 3 Options Table [1.1.6.2.3]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 4 Options Table [1.1.6.2.4]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 2 Veh Parameters [5.5.2.1]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Swiitch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 2 Veh Options [5.5.2.2]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 2 Veh Parameters+ [5.5.2.3]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 2 Ped Parameters+ [5.5.2.4]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Annual Schedule [4.3]	Month of Year												Day of Week							Date																							Day Plan	Link To
1	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	1	
2	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
3	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
4	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
5	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
6	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
7	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
8	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
9	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
10	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
11	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
12	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
13	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
14	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
15	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
16	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
17	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
18	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
19	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
20	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
21	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
22	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
23	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
24	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	

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Day Plans [4.4]

Day Plan 1

	Hour	Min	Act		Hour	Min	Act
1	0	0	4	9	0	0	0
2	1	0	4	10	0	0	0
3	6	0	3	11	0	0	0
4	9	30	2	12	0	0	0
5	15	30	3	13	0	0	0
6	19	0	2	14	0	0	0
7	21	0	4	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 2

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 3

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 4

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 5

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 6

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 7

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 8

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 9

	Hour	Min	Act		Hour	Min	Act
1	0	0	4	9	0	0	0
2	4	0	9	10	0	0	0
3	12	0	10	11	0	0	0
4	22	0	4	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 10

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 11

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 12

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 13

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 14

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 15

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Action Table [4.5]

Act#	Pat#	A1	A2	A3	S1	S2	S3	S4	S5	S6	S7	S8
1	1											
2	2											
3	3											
4	4											
5	5											
6	6											
7	7											
8	8											
9	9											
10	10											
11	11											
12	12											
13	13											
14	14											
15	15											
16	16											
17	17											
18	18											
19	19											
20	20											
21	21											
22	22											
23	23											
24	24											
25												
26												
27												
28												
29												
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
41												
42	48											
43												
44	98											
45	99											
46	100	255										
47												
48												

Coord Alternate Tables - Pat+ [2.6]

Pat#	ØOpt	ØTime	DetG	Call Inh	CIC	CNA1	Overlap Off 1	2	3	4	5	6	7	8	Dia	Max2
1															DFT	
2															DFT	
3															DFT	
4															DFT	
5															DFT	
6															DFT	
7															DFT	
8															DFT	
9															DFT	
10															DFT	
11															DFT	
12															DFT	
13															DFT	
14															DFT	
15															DFT	
16															DFT	
17															DFT	
18															DFT	
19															DFT	
20															DFT	
21															DFT	
22															DFT	
23															DFT	
24															DFT	
25															DFT	
26															DFT	
27															DFT	
28															DFT	
29															DFT	
30															DFT	
31															DFT	
32															DFT	
33															DFT	
34															DFT	
35															DFT	
36															DFT	
37															DFT	
38															DFT	
39															DFT	
40															DFT	
41															DFT	
42															DFT	
43															DFT	
44															DFT	
45															DFT	
46															DFT	
47															DFT	
48															DFT	

C1-USER IO Map [1.8.9.1 In]

I1-1	1	Veh Call 1
I1-2	2	Veh Call 2
I1-3	3	Veh Call 3
I1-4	4	Veh Call 4
I1-5	5	Veh Call 5
I1-6	6	Veh Call 6
I1-7	7	Veh Call 7
I1-8	8	Veh Call 8
I2-1	9	Veh Call 9
I2-2	10	Veh Call 10
I2-3	11	Veh Call 11
I2-4	12	Veh Call 12
I2-5	13	Veh Call 13
I2-6	14	Veh Call 14
I2-7	129	Ped Call 1
I2-8	130	Ped Call 2
I3-1	131	Ped Call 3
I3-2	132	Ped Call 4
I3-3	19	Veh Call 19
I3-4	20	Veh Call 20
I3-5	21	Veh Call 21
I3-6	22	Veh Call 22
I3-7	23	Veh Call 23
I3-8	24	Veh Call 24
I4-1	189	Unused
I4-2	189	Unused
I4-3	189	Unused
I4-4	189	Unused
I4-5	189	Unused
I4-6	189	Unused
I4-7	229	33xCMUStop
I4-8	228	33xFlashSns
I5-1	202	Pre 5 In
I5-2	203	Pre 6 In
I5-3	200	Pre 3 In
I5-4	201	Pre 4 In
I5-5	189	Unused
I5-6	189	Unused
I5-7	189	Unused
I5-8	189	Unused
I6-1	189	Unused
I6-2	189	Unused
I6-3	189	Unused
I6-4	189	Unused
I6-5	189	Unused
I6-6	189	Unused
I6-7	189	Unused
I6-8	189	Unused

C1-USER IO Map [1.8.9.2 Out]

O1-1	1	Ch1 Red
O1-2	49	Ch1 Green
O1-3	2	Ch2 Red
O1-4	26	Ch2 Yellow
O1-5	50	Ch2 Green
O1-6	3	Ch3 Red
O1-7	27	Ch3 Yellow
O1-8	51	Ch3 Green
O2-1	4	Ch4 Red
O2-2	52	Ch4 Green
O2-3	5	Ch5 Red
O2-4	29	Ch5 Yellow
O2-5	53	Ch5 Green
O2-6	6	Ch6 Red
O2-7	30	Ch6 Yellow
O2-8	54	Ch6 Green
O3-1	7	Ch7 Red
O3-2	55	Ch7 Green
O3-3	8	Ch8 Red
O3-4	32	Ch8 Yellow
O3-5	56	Ch8 Green
O3-6	9	Ch9 Red
O3-7	33	Ch9 Yellow
O3-8	57	Ch9 Green
O4-1	10	Ch10 Red
O4-2	58	Ch10 Green
O4-3	11	Ch11 Red
O4-4	35	Ch11 Yellow
O4-5	59	Ch11 Green
O4-6	12	Ch12 Red
O4-7	36	Ch12 Yellow
O4-8	60	Ch12 Green
O5-1	28	Ch4 Yellow
O5-2	34	Ch10 Yellow
O5-3	25	Ch1 Yellow
O5-4	31	Ch7 Yellow
O5-5	115	Not Used
O5-6	115	Not Used
O5-7	115	Not Used
O5-8	114	Watchdog
O6-1	115	Not Used
O6-2	115	Not Used
O6-3	13	Ch13 Red
O6-4	37	Ch13 Yellow
O6-5	61	Ch13 Green
O6-6	14	Ch14 Red
O6-7	38	Ch14 Yellow
O6-8	62	Ch14 Green

C1-USER IO Map [1.8.9.2 Out]

O7-1	115	Not Used
O7-2	115	Not Used
O7-3	115	Not Used
O7-4	115	Not Used
O7-5	115	Not Used
O7-6	115	Not Used
O7-7	115	Not Used
O7-8	115	Not Used

C11S-USER IO Map [1.8.9.1 In]

I4-1		
I4-2		
I4-3		
I4-4		
I7-1	189	Unused
I7-2	189	Unused
I7-3	189	Unused
I7-4	189	Unused
I7-5	189	Unused
I7-6	189	Unused
I7-7	189	Unused
I7-8	189	Unused
I8-1	189	Unused
I8-2	189	Unused
I8-3	189	Unused
I8-4	189	Unused
I8-5	189	Unused
I8-6	189	Unused
I8-7	189	Unused
I8-8	189	Unused

C11S-USER IO Map [1.8.9.2 Out]

O8-1	115	Not Used
O8-2	115	Not Used
O8-3	115	Not Used
O8-4	115	Not Used
O8-5	115	Not Used
O8-6	115	Not Used
O8-7	115	Not Used
O8-8	115	Not Used

IO Logic [1.8.7]

Op1	Result		O1Fcn	Inv1	IO1	Opn1	O2Fnc	Inv2	IO2	Opn2	O3Fnc	Inv3	IO3	Opn3	Dly	Sec
I	**131**	=	-----	-	I	**129**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**132**	=	-----	-	I	**130**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0

Security Access Levels [8.2]

1	SWLOAD	22	None	43	None
2	SECURE	23	None	44	None
3	None	24	None	45	None
4	None	25	None	46	None
5	None	26	None	47	None
6	None	27	None	48	None
7	None	28	None	49	None
8	None	29	None	50	None
9	None	30	None	51	None
10	None	31	None	52	None
11	None	32	None	53	None
12	None	33	None	54	None
13	None	34	None	55	None
14	None	35	None	56	None
15	None	36	None	57	None
16	None	37	None	58	None
17	None	38	None	59	None
18	None	39	None	60	None
19	None	40	None	61	None
20	None	41	None	62	None
21	None	42	None	63	None
				64	None

Com Parameters [6.1]

Station ID	3047
Group ID	
Master ID	9047
Backup Time	0

SysUp Modem [6.1]

Enable Modem	OFF
Idle Time	0
Dial Time	0
Tel:	
Alt:	

2070 Port Parms [6.2]

Port	Baud Rate	FCM
SP1	9600	MODE 6
SP2	9600	MODE 6
SP3	19200	MODE 6
SP4	38400	MODE 6
SP5	1200	AUTO
SP6	1200	AUTO
SP7	1200	AUTO
SP8	1200	AUTO

2070 IP 1 Addressing [6.5]

	Addressing			
Addr	10	20	9	133
Mask	255	255	255	224
Brdcst	10	20	9	159
GtWay	10	20	9	129
Port	5084			

2070 IP 2 Addressing [6.5]

	Addressing			
Addr	0	0	0	0
Mask	0	0	0	0
Brdcst	0	0	0	0
GtWay	0	0	0	0
Port	0			

2070 Port Binding Ports [6.6]

	Port	Echo	Mode
ASYNC1	SP1	OFF	0
ASYNC2	SP2	OFF	0
ASYNC3	SP3	OFF	0
ASYNC4	SP4	OFF	0
SYNC1	SP5S	SYNC3	OFF
SYNC2	OFF	SYNC4	OFF

2070 Port Binding Functions [6.6]

Function	Channel	Function	Channel
TS2/CVM	None	SYSUp	ASYNC2
CMU/MMU	None	SYSDown	ASYNC1
Opticom	None	Shell	None
Loop Det.	None		
GPS	-		

#	Event / Alarm	Ev	Alr
1	Power Up Alarm.	ON	
2	Stop Timing	ON	ON
3	TS1 Cabinet Door	ON	ON
4	Coordination Failure	ON	ON
5	External Alarm # 1		
6	External Alarm # 2		
7	External Alarm # 3		
8	External Alarm # 4		
9	Closed Loop Disabled		
10	External Alarm # 5		
11	External Alarm # 6		
12	Manual Control Enable	ON	
13	Coord Free Input	ON	
14	Local Flash Input	ON	
15	MMU Flash	ON	
16	CMU Flash	ON	
17	Cycle Fault	ON	
18	Cycle Failure	ON	
19	Coordination Fault	ON	
20	Controller Fault	ON	
21	Detector SDLC Failure	ON	
22	MMU SDLC Failure	ON	
23	Critical SDLC Failure	ON	
24	Reserved	ON	
25	EEPROM CRC Fault	ON	
26	Detector Diagnostic Failur	ON	ON
27	BIU Detector Failure	ON	
32	Queue detector alarm	ON	
29	Ped Detector Fault	ON	ON
30	Coord Diagnostic Fault	ON	ON
41	TempAlert Probe Ch. A		
42	TempAlert Probe Ch. B		
47	Coord Active	ON	ON
48	Preempt Active	ON	ON
49	Preempt 1 Input	ON	
50	Preempt 2 Input	ON	
51	Preempt 3 Input	ON	
52	Preempt 4 Input	ON	
53	Preempt 5 Input	ON	
54	Preempt 6 Input	ON	
55	Preempt 7 Input	ON	
56	Preempt 8 Input	ON	
57	Preempt 9 Input	ON	
58	Preempt 10 Input	ON	
61	In Transition		
81	FIO Status Alarm		

Call Phases[1.1.5]

Ø	Ø	Phases Called By Ø			
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

Redirect Phases[1.1.5]

	From	To	From	To	From	To	From	To
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

Inhibit Phases[1.1.5]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																

Alt Call & Redirect # 1 [1.1.6.3]

Col	Ø	Phases Called By Ø					From	To	From	To	From	To	From	To	From	To
1						1										
2						2										
3						3										
4						4										
5						5										
6						6										
7						7										
8						8										

Alt Inhibit Phases # 1 [1.1.6.3]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																

Alt Call & Redirect # 2 [1.1.6.3]

Col	Ø	Phases Called By Ø					From	To	From	To	From	To	From	To	From	To
1						1										
2						2										
3						3										
4						4										
5						5										
6						6										
7						7										
8						8										

Alt Inhibit Phases # 2 [1.1.6.3]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																

Coord, CIC Plans [2.3]

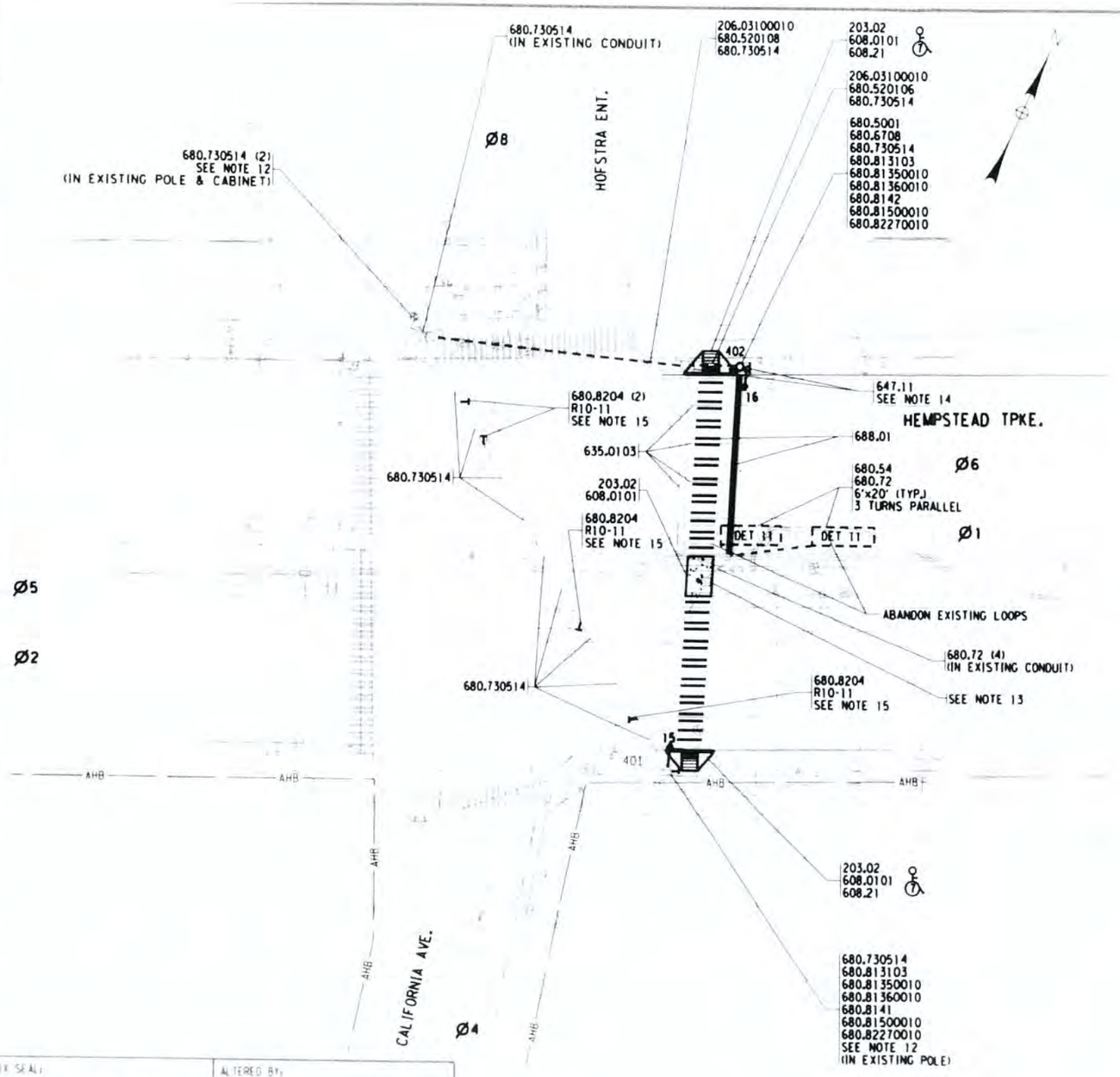
CIC	CoØ	Grow	1	2	3	4	5	6	7	8
1	OFF									
2	OFF									
3	OFF									
4	OFF									

Auto Flash Phase/Olap Settings [1.4.2]

Yel Ø								
Yel (olaps)								

Unit Parameters [1.2.1]

Allow Skip Yellow	OFF	Max Cycle Time	
TOD Dim Enable	OFF	Cycle Fault Action	Alarm
Tone Disable	OFF		
Diamond Mode	4Ph		
Backup Time (s)	900		
Disable Init Ped	OFF		
Cycle Fault Action	Alarm		
Enable Run Timer	ON		



FIELD CHANGE SHEET

THIS SHEET SUPPLEMENTS ORIGINAL CONTRACT SHEET NO. 19. SEE SHEET NUMBER 19F202 FOR APPROVAL.

NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NYSDOT REGIONAL TRAFFIC SIGNAL DETAIL SHEETS AND NYS STANDARD SHEETS.
2. PRIOR TO BEGINNING ANY WORK ON THE CONTRACT, THE CONTRACTOR SHALL NOTIFY THE REGIONAL TRAFFIC SIGNAL SECTION TO PERFORM AN INSPECTION OF THE EXISTING TRAFFIC SIGNAL EQUIPMENT. AFTER THE INSPECTION, THE CONTRACTOR MUST THEN SUBMIT A WRITTEN NOTIFICATION WITH THE DATE THEY WILL ASSUME TRAFFIC SIGNAL MAINTENANCE. NO WORK SHALL PROCEED ON THE CONTRACT UNTIL TRAFFIC SIGNAL MAINTENANCE IS ASSUMED. THE EXISTING TRAFFIC SIGNAL SHALL BE MAINTAINED UNDER ITEM 619.1613 EXCEPT FOR THE CONTROLLER, PROGRAMMING, AND TIMING WHICH SHALL BE MAINTAINED BY THE STATE.
3. ALL TRAFFIC SIGNALS SHALL BE MAINTAINED IN A TRAFFIC RESPONSIVE OPERATION AND ALL INTERCONNECT, WHERE EXISTING, SHALL BE MAINTAINED. THE CONTRACTOR SHALL PAY A LIQUIDATED DAMAGES CHARGE OF $500.00 PER CALENDAR DAY IF ACTUATION AND COORDINATION IS NOT MAINTAINED.
4. ALL VEHICLE DETECTION AND SIGNAL COORDINATION MUST BE MAINTAINED AT ALL TIMES. SPLICING OF INDUCTANCE LOOP WIRE, SHIELDED LEAD-IN CABLE, AND INTERCONNECT CABLE SHALL BE ALLOWED FOR TEMPORARY REPAIRS DURING CONSTRUCTION ONLY. TEMPORARY LOOP DETECTORS, IF NECESSARY, SHALL BE AT LEAST 6 FT X 6 FT, BE CENTERED IN THEIR RESPECTIVE LANE, AND PAID FOR UNDER ITEMS 680.54 AND 680.72. OTHER TYPES OF TEMPORARY DETECTION MAY BE USED UPON APPROVAL OF THE REGIONAL TRAFFIC SIGNAL SECTION.
5. TRAFFIC SIGNAL TURN-ON SHALL BE DONE BY NYS TRAFFIC SIGNAL PERSONNEL ONLY. THE CONTRACTOR SHALL PAY A LIQUIDATED DAMAGES CHARGE OF $10,000 IF THE TRAFFIC SIGNAL IS TURNED ON (INCLUDING FLASHING OPERATION) WITHOUT NYS TRAFFIC SIGNAL PERSONNEL PRESENT. THE CONTRACTOR SHALL NOTIFY THE NYS TRAFFIC SIGNAL SECTION TWO WEEKS PRIOR TO THE REQUESTED DATE OF TURN-ON.
6. THE NOTES ON TSO-1 TO TSO-12 SHALL APPLY.
7. ANY EXISTING PEDESTRIAN POLES, CONTROLLER, CABINET AND ALL OF ITS CONTENTS, LED TRAFFIC SIGNAL MODULES AND LED PEDESTRIAN SIGNAL MODULES TO BE REMOVED SHALL BE RETURNED TO THE STATE. ALL OTHER EQUIPMENT SHALL BE DISPOSED OF BY THE CONTRACTOR.
8. WHERE THERE IS POTENTIAL FOR DANGEROUS PROXIMITY OR CONTACT WITH ENERGIZED ELECTRICAL SYSTEMS, UTILITIES SHALL BE CALLED TO DECIDE THE NEED TO DE-ENERGIZE OR INSULATE LINES, OR OTHERWISE PROTECT AGAINST ACCIDENTAL CONTACT.
9. THE CONTRACTOR IS CAUTIONED TO THE PRESENCE OF UNDERGROUND UTILITIES IN THE PROJECT AREA. THE CONTRACTOR SHALL OBTAIN A FULL MARK-OUT OF UNDERGROUND UTILITIES PRIOR TO THE START OF ANY WORK. THE LOCATION OF ANY UTILITY ON THIS PLAN IS APPROXIMATE AND OTHER UTILITIES NOT SHOWN MAY EXIST. THE CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY UTILITY CAUSED DURING CONSTRUCTION.
10. ALL DETECTORS SHALL BE CENTERED IN THEIR RESPECTIVE LANES AND SPACED 10' APART UNLESS OTHERWISE INDICATED IN THE PLAN. ALL EXISTING LOOPS SHALL BE MAINTAINED, EXCEPT WHERE OTHERWISE DIRECTED ON THE PLAN.
11. THE PROPOSED CROSSWALK LAYOUT SHALL BE STAGGERED AND SHALL BE 8' IN WIDTH AND INSTALLED AS ORDERED BY THE EIC. SEE DETAILS ON DRAWING NO. WD-6 FOR ADDITIONAL INFORMATION.
12. THE EXISTING TRAFFIC SIGNAL POLE HAS A HEIGHT OF 10 METERS, A DESIGN LOADING OF 50 KILONEWTONS, AND A FOOTING MOMENT OF 542.4 KILONEWTON-METERS.

    IN ENGLISH UNITS:
    THE EXISTING TRAFFIC SIGNAL POLE HAS A HEIGHT OF 33 FEET, A DESIGN LOADING OF 11.2 KIPS, AND A FOOTING MOMENT OF 400.05 FT-KIPS.
13. THE LOOP WIRE FOR BOTH LOOPS, DET 11, SHALL BE SPLICED TO THE EXISTING SHIELDED LEAD-IN CABLE.
14. THE "RIGHT LANE MUST TURN RIGHT" SIGN SHALL BE RELOCATED FROM THE NORTHEAST QUADRANT TO THE LOCATION SHOWN ON THIS PLAN.
15. INSTALL A 24" X 30" "NO TURN ON RED" SIGN (R10-11) AS FOLLOWS:

11/6/13

Loc 17

AFFIX SEAL:
DNA

STATE OF NEW YORK
Raymond G. Dibiase
NO. 085402
LICENSED PROFESSIONAL ENGINEER

ALTERED BY:
DNA

AS BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

TRAFFIC SIGNAL REQUIREMENTS CONTRACT 30
VARIOUS LOCATIONS
NASSAU AND SUFFOLK COUNTIES
PACKAGE 1T
COUNTY: NASSAU

PIN 0808.34

BRIDGES

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

TRAFFIC SIGNAL PLAN

HEMPSTEAD TURNPIKE (ROUTE 24) AT CALIFORNIA AVENUE
UNIONDALE, NASSAU COUNTY
SIGNAL NO. 102.2

CONTRACT NUMBER
D261680

DRAWING NO. TSP-66

SHEET NO. 19F211

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS HE OR SHE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 10

DOCUMENT NAME: 261680.CPH_TRF_CALIFORNIA AVE.DGN

LKMA L. K. McLEAN ASSOCIATES, P.C.
151 SOUTH COUNTRY ROAD, BROOKHAVEN, NY 11719

S. EISENBERG, P.E.
S. EISENBERG, P.E.
T. STILLMAN
S. EISENBERG, P.E.
X. TANG, P.E.
F. MOGHBELI, P.E.
M. DIAS, P.E.

FILL NAME: SIG_BOTTOM RIGHT
DATE/TIME: DECEMBER 5, 2012 12:08:08 PM
USER NAME: (USER CONSULTANT)

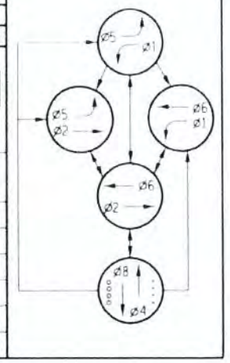
FIELD CHANGE SHEET
THIS SHEET SUPPLEMENTS ORIGINAL CONTRACT SHEET NO. 19. SEE SHEET NUMBER 19F202 FOR APPROVAL.

ESTIMATE OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY ESTIMATE	QUANTITY ACTUAL
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	4.3	
206.03100010	TRAFFIC SIGNAL CONDUIT EXCAVATION AND BACKFILL	LF	96	
608.0101	CONCRETE SIDEWALKS AND DRIVEWAYS	CY	4.3	
608.21	EMBEDDED DETECTABLE WARNING UNITS	SY	2.2	
619.1613	MAINTAIN TRAFFIC SIGNALS	INTM	2	
635.0103	CLEANING AND PREPARATION OF PAVEMENT SURFACES - LINES	LF	412	
647.11	RELOCATING SIGNS, SIZE A (0 TO 10 SQUARE FEET)	EA	1	
680.5001	POLE EXCAVATION AND CONCRETE FOUNDATION	CY	1.2	
680.520106	CONDUIT, METAL STEEL, ZINC COATED, 2"	LF	16	
680.520108	CONDUIT, METAL STEEL, ZINC COATED, 3"	LF	79	
680.54	INDUCTANCE LOOP INSTALLATION	LF	134	
680.6708	TRAFFIC SIGNAL POLE - POST TOP MOUNT, 8' MOUNTING HEIGHT	EA	1	
680.72	INDUCTANCE LOOP WIRE	LF	424	
680.730514	SIGNAL CABLE 5 CONDUCTORS, #14 AWG	LF	352	
680.813103	PEDESTRIAN SIGNAL SECTION - TYPE I, 12 INCH	EA	4	
680.81350010	16 INCH PEDESTRIAN SIGNAL MODULE, HAND SYMBOL, LED	EA	2	
680.81360010	16 INCH PEDESTRIAN SIGNAL SECTION, TYPE I	EA	2	
680.8141	PEDESTRIAN SIGNAL BRACKET MOUNT ASSEMBLY	EA	1	
680.8142	PEDESTRIAN SIGNAL POST TOP MOUNT ASSEMBLY	EA	1	
680.81500010	PEDESTRIAN COUNTDOWN TIMER MODULE	EA	2	
680.8204	OVERHEAD SIGN ASSEMBLY, TYPE D	EA	4	
680.82270010	ADA COMPLIANT PEDESTRIAN PUSHBUTTON W/ LATCHING LED INDICATION	EA	2	
688.01	WHITE PREFORMED REFLECTORIZED PAVEMENT STRIPES	LF	1182	

SEQUENCE TABLE

PHASE	FACES 1	2,3,4	5	6,7,8	9,10	11,12	13,14	15,16
	(R) (Y) (G)	(R) (Y) (G)	(R) (Y) (G)	(R) (Y) (G)	(R) (Y) (G)	(R) (Y) (G)	(R) (Y) (G)	(R) (Y) (G)
	12"	12"	12"	12"	12"	12"	16" 12"	16" 12"
Ø1 & Ø5	→G	R	→G	R	R	R	DW	DW
Ø1 & Ø6	→R	R	→G	G	R	R	DW	DW
Ø2 & Ø5	→G	G	→R	R	R	R	DW	DW
Ø2 & Ø6	→R	G	→R	G	R	R	DW	DW
Ø4 & Ø8	→R	R	→R	R	G	G	DW*	DW*
FLASH	→R	Y	→R	Y	R	R	DARK	DARK



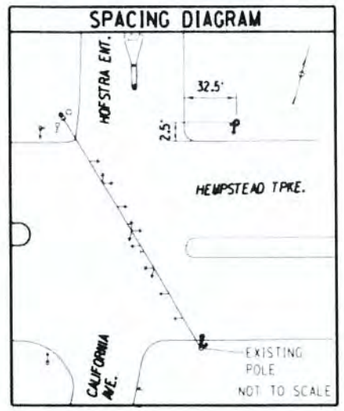
* SHALL BE A STEADY (R) INDICATION FOLLOWED BY A FLASHING (R) PHASE UPON ACTUATION.

PHASE 2 AND 6 SHALL BE PLACED ON RECALL GREEN.

ALL PEDESTRIAN INSTRUCTION SIGNS SHALL BE R10-3E FROM THE FEDERAL M.U.T.C.D. MANUAL WITH INTERNATIONAL SYMBOLS.

THE PEDESTRIAN COUNTDOWN TIMER SHALL COUNTDOWN DURING THE FLASHING (R) INTERVAL.

SPACING DIAGRAM



CLEARANCE TABLE

CLEARANCE	FROM / TO	R	G	→R	→G
1ST	R	R	Y	—	—
2ND		R	R	—	—
1ST	G	R	G	—	—
2ND		R	G	—	—
1ST	→R	—	—	→R	→Y
2ND		—	—	→R	→R
1ST	→G	—	—	→R	→G
2ND		—	—	→R	→G

AFFIX SEAL: ONE

ALTERED BY: ONE

AS BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

TRAFFIC SIGNAL REQUIREMENTS CONTRACT 30
VARIOUS LOCATIONS
NASSAU AND SUFFOLK COUNTIES
PACKAGE 17
COUNTY: NASSAU

PIN 0808.84 | BRIDGES | CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

TRAFFIC SIGNAL PLAN
HEMPSTEAD TURNPIKE (ROUTE 24) AT CALIFORNIA AVENUE
UNIONDALE, NASSAU COUNTY
SIGNAL NO. 102.2

CONTRACT NUMBER D261680
DRAWING NO. TSP-67
SHEET NO. 19F212

LKMA L. K. McLEAN ASSOCIATES, P.C.
631 SOUTH COUNTRY ROAD, BROOKHAVEN, NY 11719

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE NAME OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 10
DOCUMENT NAME: 261680_CPH_TRF_CALIFORNIA AVE.DGN

FILE NAME: SCL_BOTTOM RIGHT
DATE/TIME: DECEMBER 5, 2012 12:08 PM
USER: CONSULTANT

S. EISENBERG, P.E. — DESIGNED
T. STILLMAN — DRAWN
S. EISENBERG, P.E. — CHECKED
K. TANG, P.E. — SUBMITTED
F. MOGHBELI, P.E. — APPROVED
M. DIFILO, P.E. — ACCEPTED

FIELD CHANGE SHEET
THIS SHEET SUPPLEMENTS ORIGINAL CONTRACT SHEET NO. 19. SEE SHEET NUMBER 19F202 FOR APPROVAL.

SIGNAL OPERATION SPECIFICATIONS
TABLE OF SWITCH PACKS

SIGNAL NO. 102.2 COUNTY NASSAU RTE. 24 & CALIFORNIA AVE.

SWITCH PACK	FUNCTION	FACE NOS.		INDICATIONS	TERMINAL WIRING BOARD TERMINAL	WIRE COLOR CODE	
SP1	ø1	5		R Y G GROUND WIRE	SP 1R SP 1Y SP 1G GROUND BUS	14/19C-2-R 14/19C-2-O 14/19C-2-G 14/19C-2-W	
SP2	ø6	6,7,8		R Y G GROUND WIRE	SP 2R SP 2Y SP 2G GROUND BUS	14/19C-1-R/B 14/19C-1-O/B 14/19C-1-G/B 14/19C-1-W/B	
SP3	ø2	2,3,4		R Y G GROUND WIRE	SP 3R SP 3Y SP 3G GROUND BUS	14/19C-1-R 14/19C-1-O 14/19C-1-G 14/19C-1-W	
SP4				GROUND WIRE	SP 4R SP 4Y SP 4G GROUND BUS		
SP5	ø8	11,12		R Y G GROUND WIRE	SP 5R SP 5Y SP 5G GROUND BUS	14/19C-1-R/W 14/19C-1-BL/W 14/19C-1-G/W 14/19C-1-B/W	
SP6	ø4	9,10		R Y G GROUND WIRE	SP 6R SP 6Y SP 6G GROUND BUS	14/19C-1-B/R 14/19C-1-O/R 14/19C-1-BL/R 14/19C-1-W/R	
SP7				GROUND WIRE	SP 7R SP 7Y SP 7G GROUND BUS		
SP8				GROUND WIRE	SP 8R SP 8Y SP 8G GROUND BUS		
SP9				GROUND WIRE	SP 9R SP 9Y SP 9G GROUND BUS		
SP10	ø5	1		R Y G GROUND WIRE	SP 10R SP 10Y SP 10G GROUND BUS	14/19C-2-R/B 14/19C-2-O/B 14/19C-2-G/B 14/19C-2-W/B	
SP11	PED "A" (ø8)	13	14	DON'T WALK WALK GROUND WIRE	SP 11R SP 11Y SP 11G GROUND BUS	14/5C-1-R 14/5C-1-G 14/5C-1-B	14/5C-2-R 14/5C-2-G 14/5C-2-W
SP12	PED "B" (ø4)	15	16	DON'T WALK WALK GROUND WIRE	SP 12R SP 12Y SP 12G GROUND BUS	14/5C-3-R 14/5C-3-G 14/5C-3-B	14/5C-4-R 14/5C-4-G 14/5C-4-B

1-2 6-11
1-10 6-12
2-3 11-12
3-10
5-6
5-11
5-12

Exhibit yellow
11, 12

1 SP
1 white plug

SIGNAL OPERATION SPECIFICATIONS
TABLE OF INPUT WIRING

SIGNAL NO. 102.2 COUNTY NASSAU RTE. 24 & CALIFORNIA AVE.

FUNCTION	DETECTOR NUMBER	TYPE	TERMINAL BOARD WIRING
ø1	DET 11	PRESENCE LOOP	1A , 1B
ø4	DET 42	PRESENCE LOOP	2A , 2B
ø4	DET 43	PRESENCE LOOP	3A , 3B
ø5	DET 54	PRESENCE LOOP	4A , 4B
ø8	DET 85	PRESENCE LOOP	5A , 5B
ø8	DET 86	PRESENCE LOOP	6A , 6B
ø8	DET 87	PRESENCE LOOP	7A , 7B
			8A , 8B
			9A , 9B
			10A , 10B
			11A , 11B
			12A , 12B
			13A , 13B
			14A , 14B
ø4	401, 402	PED BUTTON	15A , 15B
ø8	801, 802	PED BUTTON	16A , 16B

KEY FOR WIRE COLOR CODE

14/ 19C 1 R/B
XX/ XXC - X-X /X

AWG	NO. OF CONDUCTORS	CABLE NO. FOR THE GIVEN CONDUCTOR SIZE	COLOR OF WIRE	TRACER COLOR

COLOR: B-BLACK O-ORANGE
BL-BLUE R-RED
G-GREEN W-WHITE

LEGEND

G=CIRCULAR GREEN Y=CIRCULAR YELLOW
R=CIRCULAR RED ←=LEFT GREEN ARROW
→=RIGHT GREEN ARROW ↑=VERTICAL GREEN ARROW
⇇=LEFT RED ARROW ⇉=RIGHT RED ARROW
⇇=LEFT YELLOW ARROW ⇉=RIGHT YELLOW ARROW

AFFIX SEAL: ONE — ALTERED BY: ONE

STATE OF NEW YORK Raymond G. DiPaola No. 56981 LICENSED PROFESSIONAL ENGINEER

AS BUILT REVISIONS
DESCRIPTION OF ALTERATIONS

TRAFFIC SIGNAL REQUIREMENTS CONTRACT 30
VARIOUS LOCATIONS
NASSAU AND SUFFOLK COUNTIES
PACKAGE 1T
COUNTY: NASSAU

PIN 3808.84 | BRIDGES | CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

TRAFFIC SIGNAL PLAN

HEMPSTEAD TURNPIKE (ROUTE 241) AT CALIFORNIA AVENUE
UNIONDALE, NASSAU COUNTY
SIGNAL NO. 102.2

CONTRACT NUMBER 0261680
DRAWING NO. WSOS-34
SHEET NO. 19F213

LKMA L. K. McLEAN ASSOCIATES, P.C. 437 SOUTH COUNTRY ROAD BROOKHAVEN, NY 11719

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NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 10

DOCUMENT NAME: 261680.CPH_TRF_CALIFORNIA AVE.DGN

Loc 18

3046

Phase Times [1.1.1]

	1	2	3	4	5	6	7	8
Min Green	5	10	5	7	10		5	
Gap, Ext	2	1	2	2	1		2	
Max 1	20	50	20	27	50		15	
Max 2								
Yel Clearance	4	5	5	4	5		4	
Red Clearance	3	2	2	3	2		3	
Walk		7		7				
Ped Clearance		25		35				
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								

Options [1.1.2]

	1	2	3	4	5	6	7	8
Enable	ON	ON	ON	ON	ON		ON	
Min Recall								
Max Recall		ON			ON			
Ped Recall								
Soft Recall								
Lock Calls			ON					
Auto Flash Entry								
Auto Flash Exit								
Dual Entry		ON			ON			
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								

Options+ [1.1.3]

	1	2	3	4	5	6	7	8
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay		5		5				

3046 Rt 24 @ Oak Blvd Sig# 102.4

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

Pat#	Cyc	Off	Split	Seq
1	120	25	1	1
2	140	50	2	1
3	160	35	3	1
4	90	35	4	1
5	0	0	5	1
6	0	0	6	1
7	0	0	7	1
8	200	0	8	1
9	140	120	9	1
10	140	20	10	1
11	0	0	11	1
12	0	0	12	1

Pat#	Cyc	Off	Split	Seq
13	0	0	13	1
14	0	0	14	1
15	0	0	15	1
16	0	0	16	1
17	0	0	17	1
18	0	0	18	1
19	0	0	19	1
20	0	0	20	1
21	0	0	21	1
22	0	0	22	1
23	0	0	23	1
24	0	0	24	1

Pat#	Cyc	Off	Split	Seq
25	0	0	0	1
26	0	0	0	1
27	0	0	0	1
28	0	0	0	1
29	0	0	0	1
30	0	0	0	1
31	0	0	0	1
32	0	0	0	1
33	0	0	0	1
34	0	0	0	1
35	0	0	0	1
36	0	0	0	1

Pat#	Cyc	Off	Split	Seq
37	0	0	0	1
38	0	0	0	1
39	0	0	0	1
40	0	0	0	1
41	0	0	0	1
42	0	0	0	1
43	0	0	0	1
44	0	0	0	1
45	0	0	0	1
46	0	0	0	1
47	0	0	0	1
48	0	0	0	1

Split	1	2	3	4	5	6	7	8
1 Coor	20	18	20	41	38	0	21	0
2	NON	Max	NON	NON	Max	NON	NON	NON
2 Coor	20	38	20	41	58	0	21	0
2	NON	Max	NON	NON	Max	NON	NON	NON
3 Coor	20	58	20	41	78	0	21	0
2	NON	Max	NON	NON	Max	NON	NON	NON
4 Coor	16	16	16	26	32	0	16	0
2	NON	Max	NON	NON	Max	NON	NON	NON
5 Coor	0	0	0	0	0	0	0	0
2	NON	NON	NON	NON	NON	NON	NON	NON
6 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
7 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
8 Coor	20	98	20	41	118	0	21	0
2	NON	Max	NON	NON	Max	NON	NON	NON
9 Coor	20	38	20	41	58	0	21	0
2	NON	Max	NON	NON	Max	NON	NON	NON
10 Coor	20	38	20	41	58	0	21	0
2	NON	Max	NON	NON	Max	NON	NON	NON
11 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
12 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON

Split	1	2	3	4	5	6	7	8
13 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
14 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
15 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
16 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
17 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
18 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
19 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
20 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
21 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
22 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
23 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
24 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON

Page#	
1	8 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
1A&1B	16 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
2	Overlaps; Channel Settings; Coord Alt Table+ (values not associated with time-of-day)
3	Detection; Sample Time and Unit Parameters related to detection
4	Preemption and Alternate Phase Time and Phase Options
5	Annual Schedule
6	Day Plans; Action Tables; Coord Alt Table+ (values varied by time-of-day)
7	Communications; Secutiry; I/O Setup
8	Misc - Events/Alarms; Call/Inhibit/Redirect; P/OLAP Auto Flash; CIC; Misc Unit Param

Ring/Startup [1.1.4]

Phs	Ring	Start	Enable
1	1	Red	ON
2	1	Green	ON
3	1	Red	ON
4	1	Red	ON
5	2	Green	ON
6	2	Red	OFF
7	1	Red	ON
8	1	Red	OFF

Coord Modes [2.1]

Test OpMode	0
Correction	SHRT/LNG
Maximum	MAX 1
Force-Off	FIXED
Closed Loop	ON
Stop-in-Walk	ON
Auto Reset	ON
Expand Splt	OFF
Ped Recycle	NO_RECYCLE
Before	TIMED
After	TIMED

Auto Flash [1.4.1]

Auto Flash	PH OVER
Flash Yel	45
Flash Red	20

Unit Params [1.2.1]

Phase Mode	QSeq
IO Mode	User
Loc Flsh Start	Red
Start Flash(s)	0
Start AllRed(s)	6
Yellow < 3"	OFF
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	1
Auxswitch	STOPTM
SDLC Retry	0
TS2 Det Faults	ON
Auto Ped Clear	OFF
SDLC Retry	0

03/27/23 **Page 1**

Times [1.1.1]	1	2	3	4	5	6	7	8
Min Green	5	10	5	7	10		5	
Gap, Ext	2	1	2	2	1		2	
Max 1	20	50	20	27	50		15	
Max 2								
Yel Clearance	4	5	5	4	5		4	
Red Clearance	3	2	2	3	2		3	
Walk		7		7				
Ped Clearance		25		35				
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								

Options [1.1.2]	1	2	3	4	5	6	7	8
Enable	ON	ON	ON	ON	ON		ON	
Min Recall								
Max Recall		ON			ON			
Ped Recall								
Soft Recall								
Lock Calls			ON					
Auto Flash Entry								
Auto Flash Exit								
Dual Entry		ON			ON			
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								

Options+ [1.1.3]	1	2	3	4	5	6	7	8
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay	0	5	0	5	0	0	0	0

3046 Rt 24 @ Oak Blvd Sig# 102.4

Coord Patterns [2.4] and Split Tables [2.7.1]

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	120	25	1	1	13	0	0	13	1	25	0	0	0	1	37	0	0	0	1
2	140	50	2	1	14	0	0	14	1	26	0	0	0	1	38	0	0	0	1
3	160	35	3	1	15	0	0	15	1	27	0	0	0	1	39	0	0	0	1
4	90	35	4	1	16	0	0	16	1	28	0	0	0	1	40	0	0	0	1
5	0	0	5	1	17	0	0	17	1	29	0	0	0	1	41	0	0	0	1
6	0	0	6	1	18	0	0	18	1	30	0	0	0	1	42	0	0	0	1
7	0	0	7	1	19	0	0	19	1	31	0	0	0	1	43	0	0	0	1
8	200	0	8	1	20	0	0	20	1	32	0	0	0	1	44	0	0	0	1
9	140	120	9	1	21	0	0	21	1	33	0	0	0	1	45	0	0	0	1
10	140	20	10	1	22	0	0	22	1	34	0	0	0	1	46	0	0	0	1
11	0	0	11	1	23	0	0	23	1	35	0	0	0	1	47	0	0	0	1
12	0	0	12	1	24	0	0	24	1	36	0	0	0	1	48	0	0	0	1

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Coor	20	18	20	41	38	0	21	0	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	Max	NON	NON	NON	NVD	NVD	NVD	NVD	NVD	NVD	NVD	NVD
2	Coor	20	38	20	41	58	0	21	0	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	Max	NON	NON	NON	NVD	NVD	NVD	NVD	NVD	NVD	NVD	NVD
3	Coor	20	58	20	41	78	0	21	0	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	Max	NON	NON	NON	NVD	NVD	NVD	NVD	NVD	NVD	NVD	NVD
4	Coor	16	16	16	26	32	0	16	0	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
5	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
6	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
7	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
8	Coor	20	98	20	41	118	0	21	0	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
9	Coor	20	38	20	41	58	0	21	0	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
10	Coor	20	38	20	41	58	0	21	0	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
11	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
12	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
13	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
14	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
15	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
16	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

User Phase Mode

Phase>8 or Rings > 2

Coord Modes [2.1]	
Test OpMode	0
Correction	SHRT/LNG
Maximum	MAX 1
Force-Off	FIXED
Closed Loop	ON
Stop-in-Walk	ON
Auto Reset	ON
Expand Splt	OFF
Ped Recycle	NO_RECYCLE
Before	TIMED
After	TIMED
Auto Flash [1.4.1]	
Auto Flash	PH OVER
Flash Yel	45
Flash Red	20
Unit Params [1.2.1]	
Phase Mode	QSeq
IO Mode	User
Loc Flsh Start	Red
Start Flash(s)	0
Start AllRed(s)	6
Yellow < 3"	OFF
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	1
Auxswitch	STOPTM
SDLC RetryTm	0
TS2 Det Faults	ON
Auto Ped Clear	OFF

<- Mode NON is Blank

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Times [1.1.1]	9	10	11	12	13	14	15	16
Min Green								
Gap, Ext								
Max 1								
Max 2								
Yel Clearance	3	4	3	4	3	4	3	4
Red Clearance	2	2	2	2	2	2	2	2
Walk								
Ped Clearance								
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								

Options [1.1.2]	9	10	11	12	13	14	15	16
Enable								
Min Recall								
Max Recall								
Ped Recall								
Soft Recall								
Lock Calls								
Auto Flash Entry								
Auto Flash Exit								
Dual Entry								
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								

Options+ [1.1.3]	9	10	11	12	13	14	15	16
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay								

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1] — Ring/Startup [1.1.4]

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Phs	Ring	Start
17	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	2	1	Green
18	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	4	1	Red
19	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	Green
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	6	2	Red
20	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	1	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	8	1	Red
21	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	10		Red
22	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	12		Red
23	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	14		Red
24	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	16		Red

Concurrency [1.1.4]

Phs	Concurrent Phases										Phs	Concurrent Phases								
1	5	6	0	0	0	0	0	0			9	0	0	0	0	0	0	0	0	
2	5	6	0	0	0	0	0	0			10	0	0	0	0	0	0	0	0	
3	0	0	0	0	0	0	0	0			11	0	0	0	0	0	0	0	0	
4	0	0	0	0	0	0	0	0			12	0	0	0	0	0	0	0	0	
5	1	2	0	0	0	0	0	0			13	0	0	0	0	0	0	0	0	
6	1	2	0	0	0	0	0	0			14	0	0	0	0	0	0	0	0	
7	0	0	0	0	0	0	0	0			15	0	0	0	0	0	0	0	0	
8	0	0	0	0	0	0	0	0			16	0	0	0	0	0	0	0	0	

Note: Expanded Splits are not used because "Expanded Splits" is OFF

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	0	0	1	1	25	0	0	0	1
2	0	0	2	1	26	0	0	0	1
3	0	0	3	1	27	0	0	0	1
4	0	0	4	1	28	0	0	0	1
5	0	0	5	1	29	0	0	0	1
6	0	0	6	1	30	0	0	0	1
7	0	0	7	1	31	0	0	0	1
8	0	0	8	1	32	0	0	0	1
9	0	0	9	1	33	0	0	0	1
10	0	0	10	1	34	0	0	0	1
11	0	0	11	1	35	0	0	0	1
12	0	0	12	1	36	0	0	0	1
13	0	0	13	1	37	0	0	0	1
14	0	0	14	1	38	0	0	0	1
15	0	0	15	1	39	0	0	0	1
16	0	0	16	1	40	0	0	0	1
17	0	0	17	1	41	0	0	0	1
18	0	0	18	1	42	0	0	0	1
19	0	0	19	1	43	0	0	0	1
20	0	0	20	1	44	0	0	0	1
21	0	0	21	1	45	0	0	0	1
22	0	0	22	1	46	0	0	0	1
23	0	0	23	1	47	0	0	0	1
24	0	0	24	1	48	0	0	0	1

Expanded Splits	**OFF**

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

24	Coord	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON
		0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
2	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
3	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
4	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
5	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
6	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
7	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
8	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
9	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
10	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
11	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
12	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
13	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
14	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
15	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
16	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
17	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
18	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
19	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
20	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
21	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
22	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
23	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

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Overlap 1-16 Program Parms & Parm+ [1.5.2.1] [1.5.2.2]

Overlap Conflict Lock	OFF	Overlap Lock Inhibit	OFF	Parent Ph Clearance	OFF	Extra Included Ph	ON

	Included Ø	2	3						Type	NORMAL		Included Ø									Type	NORMAL
1	Modifier Ø								Grn		9	Modifier Ø									Grn	
	Conflict Ø								Yel	5		Conflict Ø									Yel	3.5
A	Conflict Olap								Red	2	I	Conflict Olap									Red	1.5
	Conflict Ped								LG			Conflict Ped									LG	
	Included Ø								Type	NORMAL		Included Ø									Type	NORMAL
2	Modifier Ø								Grn		10	Modifier Ø									Grn	
	Conflict Ø								Yel	3		Conflict Ø									Yel	3.5
B	Conflict Olap								Red	2	J	Conflict Olap									Red	1.5
	Conflict Ped								LG			Conflict Ped									LG	
	Included Ø								Type	NORMAL		Included Ø									Type	NORMAL
3	Modifier Ø								Grn		11	Modifier Ø									Grn	
	Conflict Ø								Yel	3		Conflict Ø									Yel	3.5
C	Conflict Olap								Red	2	K	Conflict Olap									Red	1.5
	Conflict Ped								LG			Conflict Ped									LG	
	Included Ø								Type	NORMAL		Included Ø									Type	NORMAL
4	Modifier Ø								Grn		12	Modifier Ø									Grn	
	Conflict Ø								Yel	3		Conflict Ø									Yel	3.5
D	Conflict Olap								Red	2	L	Conflict Olap									Red	1.5
	Conflict Ped								LG			Conflict Ped									LG	
	Included Ø								Type	NORMAL		Included Ø									Type	NORMAL
5	Modifier Ø								Grn		13	Modifier Ø									Grn	
	Conflict Ø								Yel	3.5		Conflict Ø									Yel	3.5
E	Conflict Olap								Red	1.5	M	Conflict Olap									Red	1.5
	Conflict Ped								LG			Conflict Ped									LG	
	Included Ø								Type	NORMAL		Included Ø									Type	NORMAL
6	Modifier Ø								Grn		14	Modifier Ø									Grn	
	Conflict Ø								Yel	3.5		Conflict Ø									Yel	3.5
F	Conflict Olap								Red	1.5	N	Conflict Olap									Red	1.5
	Conflict Ped								LG			Conflict Ped									LG	
	Included Ø								Type	NORMAL		Included Ø									Type	NORMAL
7	Modifier Ø								Grn		15	Modifier Ø									Grn	
	Conflict Ø								Yel	3.5		Conflict Ø									Yel	3.5
G	Conflict Olap								Red	1.5	O	Conflict Olap									Red	1.5
	Conflict Ped								LG			Conflict Ped									LG	
	Included Ø								Type	NORMAL		Included Ø									Type	NORMAL
8	Modifier Ø								Grn		16	Modifier Ø									Grn	
	Conflict Ø								Yel	3.5		Conflict Ø									Yel	3.5
H	Conflict Olap								Red	1.5	P	Conflict Olap									Red	1.5
	Conflict Ped								LG			Conflict Ped									LG	

Channel Settings [1.8.1]

……Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Phase / Olap #	3	1	5	7	4	2	4			1														
Channel Type	VEH	OLP	VEH	VEH	PED	PED	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Channel Flash	Red	YEL	YEL	Red	DRK	DRK	Red	Red	Red	Red	Red	Red	Red	Red	DRK	DRK	DRK	DRK	DRK	DRK	DRK	DRK	DRK	DRK
Alt Hz																								

Channel+ Settings [1.8.4]

……Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Flash Red+																								
Flash Yellow+																								
Flash Green+																								
Flash Inh Red+																								
Olap Ovrd																								

Coord Transition, CoorPhs [2.5]

Pat#	Short	Long	Dwell	No Shortway Ø				E-Yld	Offset	RetHld	Float	Min Veh Perm	Min Ped Perm
1	12	22		2					EndGRN				
2	12	22							EndGRN				
3	12	22							EndGRN				
4	12	22							EndGRN				
5	12	22							EndGRN				
6	12	22							EndGRN				
7	12	22							EndGRN				
8	12	22							EndGRN				
9	12	22							EndGRN				
10	12	22							EndGRN				
11	12	22							EndGRN				
12	12	22							EndGRN				
13	12	22							EndGRN				
14	12	22							EndGRN				
15	12	22							EndGRN				
16	12	22							EndGRN				
17	12	22							EndGRN				
18	12	22							EndGRN				
19	12	22							EndGRN				
20	12	22							EndGRN				
21	12	22							EndGRN				
22	12	22							EndGRN				
23	12	22							EndGRN				
24	12	22							EndGRN				
25									BegGRN				
26									BegGRN				
27									BegGRN				
28									BegGRN				
29									BegGRN				
30									BegGRN				
31									BegGRN				
32									BegGRN				
33									BegGRN				
34									BegGRN				
35									BegGRN				
36									BegGRN				
37									BegGRN				
38									BegGRN				
39									BegGRN				
40									BegGRN				
41									BegGRN				
42									BegGRN				
43									BegGRN				
44									BegGRN				
45									BegGRN				
46									BegGRN				
47									BegGRN				
48									BegGRN				

Channel Params[1.8.3]

C1 IO Mode	User	Single BIU Map	SINGLE	Invert Rail Input	OFF

Veh Par 1-64 [5.1]

Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time
1	3						45	50	255
2	4						45	50	255
3	4						45	50	255
4	4						45	50	255
5	4						45	50	255
6	1						45	50	255
7	1						45	50	255
8	7						45	50	255
9							45	50	255
10							45	50	255
11							45	50	255
12							45	50	255
13							45	50	255
14							45	50	255
15							45	50	255
16							45	50	255
17							45	50	255
18							45	50	255
19							45	50	255
20							45	50	255
21							45	50	255
22							45	50	255
23							45	50	255
24							45	50	255
25							45	50	255
26							45	50	255
27							45	50	255
28							45	50	255
29							45	50	
30							45	50	
31							45	50	
32							45	50	

Veh Par 1-64 [5.1]

Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time
33							45	50	
34							45	50	
35							45	50	
36							45	50	
37							45	50	
38							45	50	
39							45	50	
40							45	50	
41							45	50	
42							45	50	
43							45	50	
44							45	50	
45							45	50	
46							45	50	
47							45	50	
48							45	50	
49							45	50	
50							45	50	
51							45	50	
52							45	50	
53							45	50	
54							45	50	
55							45	50	
56							45	50	
57							45	50	
58							45	50	
59							45	50	
60							45	50	
61							45	50	
62							45	50	
63							45	50	
64							45	50	

Vehicle Options 1-64 [5.2]

Det #	Call	Ext	Que	Add Init	Red Lock	Yell Lock	occ	vol
1	ON	ON		ON				
2	ON	ON		ON				
3	ON	ON		ON				
4	ON	ON		ON				
5	ON	ON		ON				
6	ON	ON		ON				
7	ON	ON		ON				
8	ON	ON		ON				
9	ON	ON		ON				
10	ON	ON		ON				
11	ON	ON		ON				
12	ON	ON		ON				
13	ON	ON		ON				
14	ON	ON		ON				
15	ON	ON		ON				
16	ON	ON		ON				
17	ON	ON		ON				
18	ON	ON		ON				
19	ON	ON		ON				
20	ON	ON		ON				
21	ON	ON		ON				
22	ON	ON		ON				
23	ON	ON		ON				
24	ON	ON		ON				
25	ON	ON		ON				
26	ON	ON		ON				
27	ON	ON		ON				
28	ON	ON		ON				
29	ON	ON		ON				
30	ON	ON		ON				
31	ON	ON		ON				
32	ON	ON		ON				

Vehicle Options 1-64 [5.2]

Det #	Call	Ext	Que	Add AddInit	Red Lock	Yell Lock	occ	vol
33	ON	ON		ON				
34	ON	ON		ON				
35	ON	ON		ON				
36	ON	ON		ON				
37	ON	ON		ON				
38	ON	ON		ON				
39	ON	ON		ON				
40	ON	ON		ON				
41	ON	ON		ON				
42	ON	ON		ON				
43	ON	ON		ON				
44	ON	ON		ON				
45	ON	ON		ON				
46	ON	ON		ON				
47	ON	ON		ON				
48	ON	ON		ON				
49	ON	ON		ON				
50	ON	ON		ON				
51	ON	ON		ON				
52	ON	ON		ON				
53	ON	ON		ON				
54	ON	ON		ON				
55	ON	ON		ON				
56	ON	ON		ON				
57	ON	ON		ON				
58	ON	ON		ON				
59	ON	ON		ON				
60	ON	ON		ON				
61	ON	ON		ON				
62	ON	ON		ON				
63	ON	ON		ON				
64	ON	ON		ON				

Parameters+ 1-64 [5.3]

Det #	oc G	oc Y	oc R	Dlay 1	Dlay 2	Type	Src
1						NORM	
2						NORM	
3						NORM	
4						NORM	
5						NORM	
6						NORM	
7						NORM	
8						NORM	
9						NORM	
10						NORM	
11						NORM	
12						NORM	
13						NORM	
14						NORM	
15						NORM	
16						NORM	
17						NORM	
18						NORM	
19						NORM	
20						NORM	
21						NORM	
22						NORM	
23						NORM	
24						NORM	
25						NORM	
26						NORM	
27						NORM	
28						NORM	
29						NORM	
30						NORM	
31						NORM	
32						NORM	

Parameters+ 1-64 [5.3]

Det #	occ Grn	occ Yell	occ Red	Dlay 1	Dlay 2	Type	Src
33						NORM	
34						NORM	
35						NORM	
36						NORM	
37						NORM	
38						NORM	
39						NORM	
40						NORM	
41						NORM	
42						NORM	
43						NORM	
44						NORM	
45						NORM	
46						NORM	
47						NORM	
48						NORM	
49						NORM	
50						NORM	
51						NORM	
52						NORM	
53						NORM	
54						NORM	
55						NORM	
56						NORM	
57						NORM	
58						NORM	
59						NORM	
60						NORM	
61						NORM	
62						NORM	
63						NORM	
64						NORM	

Ped Det Parms [5.4]

Det #	Call Ø	No Act	Max Pres	Err Cnt
1	4		15	
2	2		15	
3			15	
4			15	
5			15	
6			15	
7			15	
8			15	

Unit Paramters [1.2.1]

TS2 Det Faults	ON
Vol/Occ Report Parm [1.5.8]	
Vol/Occ Period Minutes	0
Vol/Occ Period Minutes	15

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Preemption Times [3.1], Options+ [3.6]

Pre #	Enable	Type	Output	Delay	MinDura
1	ON	RAIL	Dwell		15
2	ON	RAIL	Dwell		15
3	ON	EMERG	Dwell		5
4	ON	EMERG	Dwell		5
5	ON	EMERG	Dwell		5
6	ON	EMERG	Dwell		5
Pre #	MaxPres	MinGrn	MinWlk	PedClr	Co+Pre
1	180	3			ON
2	180	3			ON
3	180	3		10	ON
4	180	3		10	ON
5	180	3		10	ON
6	180	3		10	ON
Pre #	Track Grn	Min Dwell	Ext Dwell	PedClr+	Yel
1		2			
2		2			
3		2			
4		2			
5		2			
6		2			

Pre #	Red	Pattern	Skip
1			OFF
2			OFF
3			OFF
4			OFF
5			OFF
6			OFF

Low Priority Preempts

Pre #	Type	Min	Max
7	OFF		
8	OFF		
9	OFF		
10	OFF		

Unit Parameters [1.2.1]

Stop Timer Over Preempt	OFF
Preempt or Ext Output	PRE
Max Seek Track Time	
Max Seek Dwell Time	

Channel Parameters [1.8.3]

D Conn Mappings	None
Pre Invert Rail Input	OFF

Track Clear Phases [3.2], Track Clear Overlaps+ [3.5]

Pre #	Track Phases	Track Overlaps
1		
2		
3		
4		
5		
6		

Dwell Phases [3.2] and Overlaps+ [3.5]

Pre #		
1	Phases	
	Overlap	
	Peds	
2	Phases	
	Overlap	
	Peds	
3	Phases	
	Overlap	
	Peds	
4	Phases	
	Overlap	
	Peds	
5	Phases	
	Overlap	
	Peds	
6	Phases	
	Overlap	
	Peds	

Exit Phases [3.2]

Pre #	Exit Phase
1	
2	
3	
4	
5	
6	

Preemption Options+ [3.6]

Pre #	Lock	Override Auto Flsh	Override Higher	Flsh Dwell	Link
1	ON	ON	ON	OFF	
2	ON	ON	ON	OFF	
3	ON	ON	ON	OFF	
4	ON	ON	ON	OFF	
5	ON	ON	ON	OFF	
6	ON	ON	ON	OFF	

Alt# 1 Times Table [1.1.6.1.2]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 2 Times Table [1.1.6.1.2]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 3 Times Table [1.1.6.1.3]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 1 Options Table [1.1.6.2.1]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 1 Veh Parameters [5.5.1.1]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Swiitch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 1 Veh Options [5.5.1.2]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 1 Veh Parameters+ [5.5.1.3]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 1 Ped Parameters+ [5.5.1.4]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Alt# 2 Options Table [1.1.6.2.2]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 3 Options Table [1.1.6.2.3]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 4 Options Table [1.1.6.2.4]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 2 Veh Parameters [5.5.2.1]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Swiitch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 2 Veh Options [5.5.2.2]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 2 Veh Parameters+ [5.5.2.3]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 2 Ped Parameters+ [5.5.2.4]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Annual Schedule [4.3]	Month of Year												Day of Week							Date																									Day Plan	Link To
1	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	1	
2	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
3	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
4	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
5	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
6	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
7	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
8	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
9	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
10	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
11	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
12	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
13	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
14	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
15	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
16	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
17	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
18	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
19	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
20	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
21	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
22	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
23	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	
24	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																	1	

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Day Plans [4.4]

	Day Plan 1				Day Plan 2				Day Plan 3				Day Plan 4				Day Plan 5				Day Plan 6			
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act	
1	0	0	4	9	0	0	0	1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0
2	1	0	4	10	0	0	0	2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0
3	6	0	3	11	0	0	0	3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0
4	9	30	2	12	0	0	0	4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0
5	15	30	3	13	0	0	0	5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0
6	19	0	2	14	0	0	0	6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0
7	21	0	4	15	0	0	0	7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0

	Day Plan 7				Day Plan 8				Day Plan 9				Day Plan 10				Day Plan 11				Day Plan 12			
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act	
1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0	1	0	0	4	9	0	0	0
2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0	2	4	0	9	10	0	0	0
3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0	3	12	0	10	11	0	0	0
4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0	4	22	0	4	12	0	0	0
5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0

	Day Plan 13				Day Plan 14				Day Plan 15			
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act	
1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0

Action Table [4.5]

Act#	Pat#	A1	A2	A3	S1	S2	S3	S4	S5	S6	S7	S8
1	1											
2	2											
3	3											
4	4											
5	5											
6	6											
7	7											
8	8											
9	9											
10	10											
11	11											
12	12											
13	13											
14	14											
15	15											
16	16											
17	17											
18	18											
19	19											
20	20											
21	21											
22	22											
23	23											
24	24											
25												
26												
27												
28												
29												
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
41												
42	48											
43												
44	98											
45	99											
46	100	255										
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Coord Alternate Tables - Pat+ [2.6]

Pat#	ØOpt	ØTime	DetG	Call Inh	CIC	CNA1	Overlap Off 1	2	3	4	5	6	7	8	Dia	Max2
1															DFT	
2															DFT	
3															DFT	
4															DFT	
5															DFT	
6															DFT	
7															DFT	
8															DFT	
9															DFT	
10															DFT	
11															DFT	
12															DFT	
13															DFT	
14															DFT	
15															DFT	
16															DFT	
17															DFT	
18															DFT	
19															DFT	
20															DFT	
21															DFT	
22															DFT	
23															DFT	
24															DFT	
25															DFT	
26															DFT	
27															DFT	
28															DFT	
29															DFT	
30															DFT	
31															DFT	
32															DFT	
33															DFT	
34															DFT	
35															DFT	
36															DFT	
37															DFT	
38															DFT	
39															DFT	
40															DFT	
41															DFT	
42															DFT	
43															DFT	
44															DFT	
45															DFT	
46															DFT	
47															DFT	
48															DFT	

C1-USER IO Map [1.8.9.1 In]

I1-1	1	Veh Call 1
I1-2	2	Veh Call 2
I1-3	3	Veh Call 3
I1-4	4	Veh Call 4
I1-5	5	Veh Call 5
I1-6	6	Veh Call 6
I1-7	7	Veh Call 7
I1-8	8	Veh Call 8
I2-1	9	Veh Call 9
I2-2	10	Veh Call 10
I2-3	11	Veh Call 11
I2-4	12	Veh Call 12
I2-5	13	Veh Call 13
I2-6	14	Veh Call 14
I2-7	129	Ped Call 1
I2-8	130	Ped Call 2
I3-1	17	Veh Call 17
I3-2	18	Veh Call 18
I3-3	19	Veh Call 19
I3-4	20	Veh Call 20
I3-5	21	Veh Call 21
I3-6	22	Veh Call 22
I3-7	23	Veh Call 23
I3-8	24	Veh Call 24
I4-1	189	Unused
I4-2	189	Unused
I4-3	189	Unused
I4-4	189	Unused
I4-5	189	Unused
I4-6	189	Unused
I4-7	229	33xCMUStop
I4-8	228	33xFlashSns
I5-1	202	Pre 5 In
I5-2	203	Pre 6 In
I5-3	200	Pre 3 In
I5-4	201	Pre 4 In
I5-5	189	Unused
I5-6	189	Unused
I5-7	189	Unused
I5-8	189	Unused
I6-1	189	Unused
I6-2	189	Unused
I6-3	189	Unused
I6-4	189	Unused
I6-5	189	Unused
I6-6	189	Unused
I6-7	189	Unused
I6-8	189	Unused

C1-USER IO Map [1.8.9.2 Out]

O1-1	1	Ch1 Red
O1-2	49	Ch1 Green
O1-3	2	Ch2 Red
O1-4	26	Ch2 Yellow
O1-5	50	Ch2 Green
O1-6	3	Ch3 Red
O1-7	27	Ch3 Yellow
O1-8	51	Ch3 Green
O2-1	4	Ch4 Red
O2-2	52	Ch4 Green
O2-3	5	Ch5 Red
O2-4	29	Ch5 Yellow
O2-5	53	Ch5 Green
O2-6	6	Ch6 Red
O2-7	30	Ch6 Yellow
O2-8	54	Ch6 Green
O3-1	7	Ch7 Red
O3-2	55	Ch7 Green
O3-3	8	Ch8 Red
O3-4	32	Ch8 Yellow
O3-5	56	Ch8 Green
O3-6	9	Ch9 Red
O3-7	33	Ch9 Yellow
O3-8	57	Ch9 Green
O4-1	10	Ch10 Red
O4-2	58	Ch10 Green
O4-3	11	Ch11 Red
O4-4	35	Ch11 Yellow
O4-5	59	Ch11 Green
O4-6	12	Ch12 Red
O4-7	36	Ch12 Yellow
O4-8	60	Ch12 Green
O5-1	28	Ch4 Yellow
O5-2	34	Ch10 Yellow
O5-3	25	Ch1 Yellow
O5-4	31	Ch7 Yellow
O5-5	39	Ch15 Yellow
O5-6	63	Ch15 Green
O5-7	115	Not Used
O5-8	114	Watchdog
O6-1	115	Not Used
O6-2	115	Not Used
O6-3	13	Ch13 Red
O6-4	37	Ch13 Yellow
O6-5	61	Ch13 Green
O6-6	14	Ch14 Red
O6-7	38	Ch14 Yellow
O6-8	62	Ch14 Green

C1-USER IO Map [1.8.9.2 Out]

O7-1	40	Ch16 Yellow
O7-2	16	Ch16 Red
O7-3	64	Ch16 Green
O7-4	115	Not Used
O7-5	115	Not Used
O7-6	115	Not Used
O7-7	115	Not Used
O7-8	15	Ch15 Red

C11S-USER IO Map [1.8.9.1 In]

I4-1		
I4-2		
I4-3		
I4-4		
I7-1	189	Unused
I7-2	189	Unused
I7-3	189	Unused
I7-4	189	Unused
I7-5	189	Unused
I7-6	189	Unused
I7-7	189	Unused
I7-8	189	Unused
I8-1	189	Unused
I8-2	189	Unused
I8-3	189	Unused
I8-4	189	Unused
I8-5	189	Unused
I8-6	189	Unused
I8-7	189	Unused
I8-8	189	Unused

C11S-USER IO Map [1.8.9.2 Out]

O8-1	115	Not Used
O8-2	115	Not Used
O8-3	115	Not Used
O8-4	115	Not Used
O8-5	115	Not Used
O8-6	115	Not Used
O8-7	115	Not Used
O8-8	115	Not Used

IO Logic [1.8.7]

Op1	Result		O1Fcn	Inv1	IO1	Opn1	O2Fcn	Inv2	IO2	Opn2	O3Fcn	Inv3	IO3	Opn3	Dly	Sec
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0

Security Access Levels [8.2]

1	SWLOAD	22	None	43	None
2	SECURE	23	None	44	None
3	None	24	None	45	None
4	None	25	None	46	None
5	None	26	None	47	None
6	None	27	None	48	None
7	None	28	None	49	None
8	None	29	None	50	None
9	None	30	None	51	None
10	None	31	None	52	None
11	None	32	None	53	None
12	None	33	None	54	None
13	None	34	None	55	None
14	None	35	None	56	None
15	None	36	None	57	None
16	None	37	None	58	None
17	None	38	None	59	None
18	None	39	None	60	None
19	None	40	None	61	None
20	None	41	None	62	None
21	None	42	None	63	None
				64	None

Com Parameters [6.1]

Station ID	3046
Group ID	
Master ID	0
Backup Time	0

SysUp Modem [6.1]

Enable Modem	OFF
Idle Time	0
Dial Time	0
Tel:	
Alt:	

2070 Port Parms [6.2]

Port	Baud Rate	FCM
SP1	9600	MODE 6
SP2	9600	MODE 6
SP3	19200	MODE 6
SP4	38400	MODE 6
SP5	1200	AUTO
SP6	1200	AUTO
SP7	1200	AUTO
SP8	1200	AUTO

2070 IP 1 Addressing [6.5]

	Addressing			
Addr	10	20	9	132
Mask	255	255	255	224
Brdcst	10	20	9	159
GtWay	10	20	9	129
Port	5083			

2070 IP 2 Addressing [6.5]

	Addressing			
Addr	0	0	0	0
Mask	0	0	0	0
Brdcst	0	0	0	0
GtWay	0	0	0	0
Port	0			

2070 Port Binding Ports [6.6]

	Port	Echo	Mode
ASYNC1	SP1	OFF	0
ASYNC2	SP2	OFF	0
ASYNC3	SP3	OFF	0
ASYNC4	SP4	OFF	0
SYNC1	SP5S	SYNC3	OFF
SYNC2	OFF	SYNC4	OFF

2070 Port Binding Functions [6.6]

Function	Channel	Function	Channel
TS2/CVM	None	SYSUp	ASYNC2
CMU/MMU	None	SYSDown	ASYNC1
Opticom	None	Shell	None
Loop Det.	None		
GPS	-		

#	Event / Alarm	Ev	Alr
1	Power Up Alarm.	ON	
2	Stop Timing	ON	ON
3	TS1 Cabinet Door	ON	ON
4	Coordination Failure	ON	ON
5	External Alarm # 1		
6	External Alarm # 2		
7	External Alarm # 3		
8	External Alarm # 4		
9	Closed Loop Disabled		
10	External Alarm # 5		
11	External Alarm # 6		
12	Manual Control Enable	ON	
13	Coord Free Input	ON	
14	Local Flash Input	ON	
15	MMU Flash	ON	
16	CMU Flash	ON	
17	Cycle Fault	ON	
18	Cycle Failure	ON	
19	Coordination Fault	ON	
20	Controller Fault	ON	
21	Detector SDLC Failure	ON	
22	MMU SDLC Failure	ON	
23	Critical SDLC Failure	ON	
24	Reserved	ON	
25	EEPROM CRC Fault	ON	
26	Detector Diagnostic Failur	ON	ON
27	BIU Detector Failure	ON	
32	Queue detector alarm	ON	
29	Ped Detector Fault	ON	ON
30	Coord Diagnostic Fault	ON	ON
41	TempAlert Probe Ch. A		
42	TempAlert Probe Ch. B		
47	Coord Active	ON	ON
48	Preempt Active	ON	ON
49	Preempt 1 Input	ON	
50	Preempt 2 Input	ON	
51	Preempt 3 Input	ON	
52	Preempt 4 Input	ON	
53	Preempt 5 Input	ON	
54	Preempt 6 Input	ON	
55	Preempt 7 Input	ON	
56	Preempt 8 Input	ON	
57	Preempt 9 Input	ON	
58	Preempt 10 Input	ON	
61	In Transition		
81	FIO Status Alarm		

Call Phases[1.1.5]

Ø	Ø	Phases Called By Ø			
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

Redirect Phases[1.1.5]

	From	To	From	To	From	To	From	To
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

Inhibit Phases[1.1.5]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																

Alt Call & Redirect # 1 [1.1.6.3]

Col	Ø	Phases Called By Ø					From	To	From	To	From	To	From	To	From	To
1						1										
2						2										
3						3										
4						4										
5						5										
6						6										
7						7										
8						8										

Alt Inhibit Phases # 1 [1.1.6.3]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																

Alt Call & Redirect # 2 [1.1.6.3]

Col	Ø	Phases Called By Ø					From	To	From	To	From	To	From	To	From	To
1						1										
2						2										
3						3										
4						4										
5						5										
6						6										
7						7										
8						8										

Alt Inhibit Phases # 2 [1.1.6.3]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																

Coord, CIC Plans [2.3]

CIC	CoØ	Grow	1	2	3	4	5	6	7	8
1	OFF									
2	OFF									
3	OFF									
4	OFF									

Auto Flash Phase/Olap Settings [1.4.2]

Yel Ø								
Yel (olaps)								

Unit Parameters [1.2.1]

Allow Skip Yellow	OFF	Max Cycle Time	
TOD Dim Enable	OFF	Cycle Fault Action	Alarm
Tone Disable	OFF		
Diamond Mode	4Ph		
Backup Time (s)	900		
Disable Init Ped	OFF		
Cycle Fault Action	Alarm		
Enable Run Timer	ON		

D256651

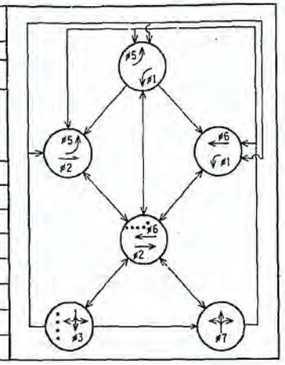
FED. ROAD REG. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.		91	104

RT 24 MINOR RECONSTRUCTION - NASSAU BLVD TO FRONT ST,
OAK ST INTERSECTION IMPROVEMENT & PARKING LOT @ MEACHAM AVE
HEMPSTEAD, NASSAU COUNTY

CAD II RECD. FILES 5531HSP.DGN DRAFTED BY CHECKED BY DESIGNED BY ESTIMATED BY IN CHARGE OF

SEQUENCE TABLE

PHASE	FACES 1,2	3,4	5,6	7	8	9	10	11,12	13,14	15,16
	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	DON'T WALK / WALK	DON'T WALK / WALK
	12"	12"	12"	12"	12"	12"	12"	12"	—	—
ø1 & ø5	R	G	R	G	R	R	R	R	DW	DW
ø1 & ø6	R	R	G	G	R	R	R	R	DW	DW
ø2 & ø5	G	G	R	R	R	R	R	R	DW	DW
ø2 & ø6	G	R	G	R	R	R	R	R	DW	DW*
ø3	R	R	R	R	R	R	G	G	DW*	DW
ø7	R	R	R	R	G	G	R	R	DW	DW
FLASH	Y	R	Y	R	R	R	R	R	—	—

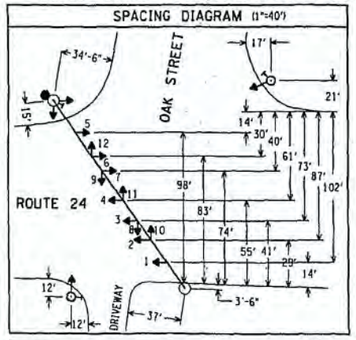


ø2 AND ø6 SHALL BE PLACED ON MINIMUM RECALL GREEN
* SHALL BE "WALK" UPON ACTUATION FOLLOWED BY A FLASHING "DONT WALK" PHASE

CLEARANCE TABLE

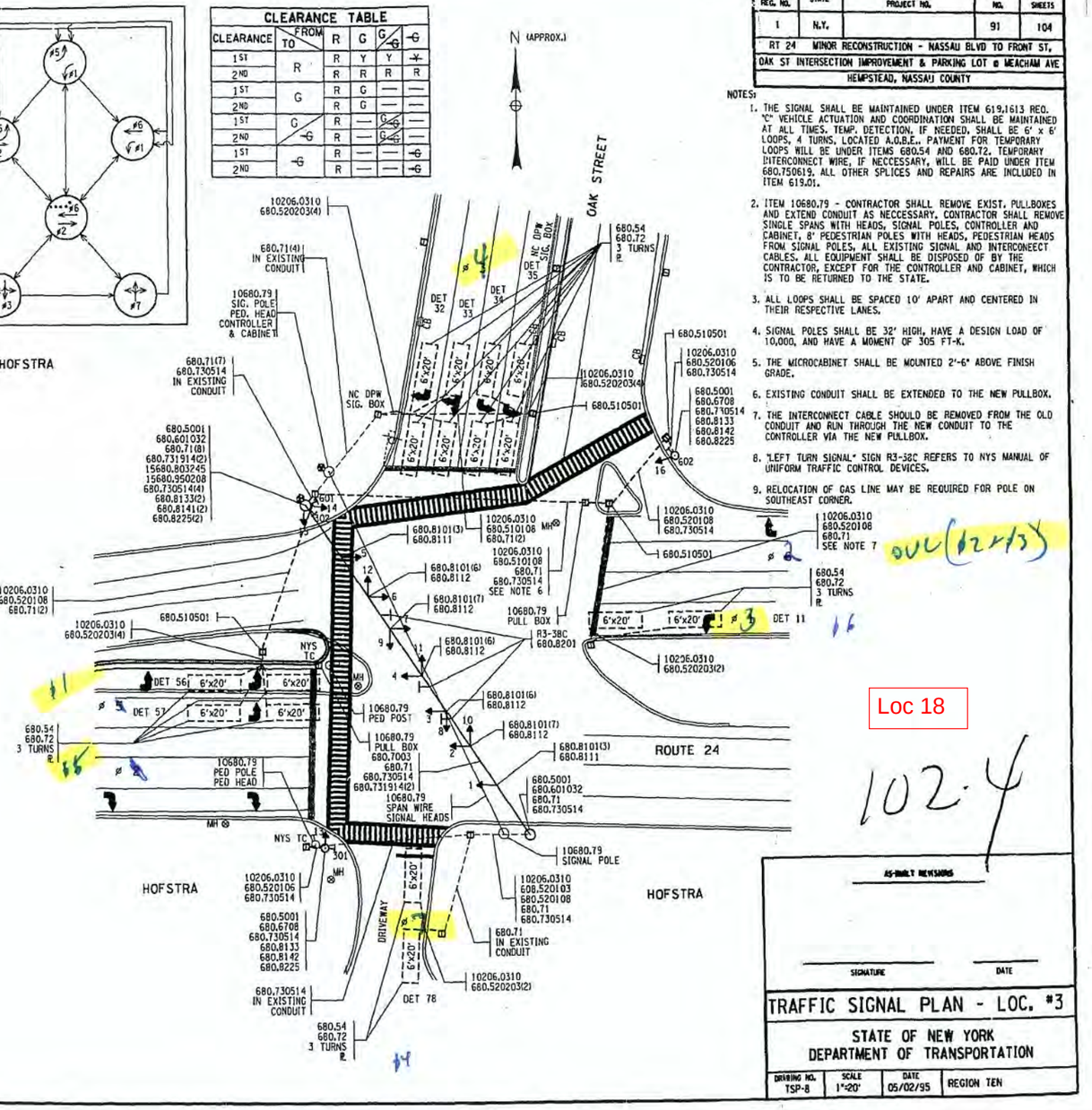
CLEARANCE	FROM / TO	R	G	G	G
1ST	R	R	Y	Y	—
2ND		R	R	R	R
1ST	G	R	G	—	—
2ND		R	G	—	—
1ST	G	R	—	G	—
2ND	G	R	—	G	—
1ST	G	R	—	—	G
2ND		R	—	—	G

SPACING DIAGRAM (1"=40')



ESTIMATE OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY EST	QUANTITY ACTUAL
10206.0310	CONDUIT EXCAVATION AND RESTORATION	LF	350	
619.1613	MAINTAIN TRAFFIC SIGNAL, REQ'T "C"	INTNO	9	
680.5001	POLE EXCAVATION AND FOUNDATION	CY	15	
680.510501	RECTANGULAR PULLBOX, CONC. (26" X 18")	EA	4	
680.520103	CONDUIT - 1" STEEL	LF	25	
680.520106	CONDUIT - 2" STEEL	LF	20	
680.520108	CONDUIT - 3" STEEL	LF	260	
680.520203	CONDUIT - 1" FLEXIBLE	LF	90	
680.54	INDUCTANCE LOOP INSTALLATION	LF	1050	
680.600728	TRAFFIC SIGNAL POLE	EA	2	
680.6708	PEDESTRIAN POLE 8'	EA	2	
680.7003	DUAL SPAN WIRE ASSEMBLY	EA	1	
680.71	SHEILDED LEAD-IN CABLE	LF	1025	
680.72	INDUCTANCE LOOP WIRE	LF	2720	
680.730514	5 CONDUCTOR CABLE	LF	550	
680.731914	19 CONDUCTOR CABLE	LF	360	
680.750619	SHEILDED COMMUNICATION CABLE	LF	60	
10680.79	REMOVE TRAFFIC SIGNAL EQUIPMENT	LS	1	
15680.803245	INSTALL MICRO CABINET	EA	1	
680.8101	TRAFFIC SIGNAL SECTION, 12"	EA	38	
680.8111	TRAFFIC SIGNAL BRACKET, 1-WAY	EA	2	
680.8112	TRAFFIC SIGNAL BRACKET, 2-WAY	EA	5	
680.8133	PED. SIGNAL HEAD, FIBER OPTIC	EA	4	
680.8141	PEDESTRIAN SIGNAL BRACKET, POLE MOUNT	EA	2	
680.8142	PED. SIGNAL BRACKET, POST TOP MOUNT	EA	2	
680.8201	OVERHEAD SIGN ASSEMBLY - TYPE A	EA	3	
680.8225	PED. PUSHBUTTON & SIGN	EA	4	
15680.950208	SERVICE CABLE, 2 CONDUCTOR # 8 AWG	LF	30	



NOTES:

1. THE SIGNAL SHALL BE MAINTAINED UNDER ITEM 619,1613 REQ. "C" VEHICLE ACTUATION AND COORDINATION SHALL BE MAINTAINED AT ALL TIMES. TEMP. DETECTION, IF NEEDED, SHALL BE 6' x 6' LOOPS, 4 TURNS, LOCATED A.O.B.E.. PAYMENT FOR TEMPORARY LOOPS WILL BE UNDER ITEMS 680.54 AND 680.72. TEMPORARY INTERCONNECT WIRE, IF NECCESSARY, WILL BE PAID UNDER ITEM 680.750619. ALL OTHER SPLICES AND REPAIRS ARE INCLUDED IN ITEM 619.01.
2. ITEM 10680.79 - CONTRACTOR SHALL REMOVE EXIST. PULLBOXES AND EXTEND CONDUIT AS NECCESSARY. CONTRACTOR SHALL REMOVE SINGLE SPANS WITH HEADS, SIGNAL POLES, CONTROLLER AND CABINET, 8' PEDESTRIAN POLES WITH HEADS, PEDESTRIAN HEADS FROM SIGNAL POLES, ALL EXISTING SIGNAL AND INTERCONEECT CABLES. ALL EQUIPMENT SHALL BE DISPOSED OF BY THE CONTRACTOR, EXCEPT FOR THE CONTROLLER AND CABINET, WHICH IS TO BE RETURNED TO THE STATE.
3. ALL LOOPS SHALL BE SPACED 10' APART AND CENTERED IN THEIR RESPECTIVE LANES.
4. SIGNAL POLES SHALL BE 32' HIGH, HAVE A DESIGN LOAD OF 10,000, AND HAVE A MOMENT OF 305 FT-K.
5. THE MICROCABINET SHALL BE MOUNTED 2'-6" ABOVE FINISH GRADE.
6. EXISTING CONDUIT SHALL BE EXTENDED TO THE NEW PULLBOX.
7. THE INTERCONNECT CABLE SHOULD BE REMOVED FROM THE OLD CONDUIT AND RUN THROUGH THE NEW CONDUIT TO THE CONTROLLER VIA THE NEW PULLBOX.
8. "LEFT TURN SIGNAL" SIGN R3-38C REFERS TO NYS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
9. RELOCATION OF GAS LINE MAY BE REQUIRED FOR POLE ON SOUTHEAST CORNER.

AS-BUILT REVISIONS

SIGNATURE DATE

TRAFFIC SIGNAL PLAN - LOC. #3

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

DRAWING NO.	SCALE	DATE	REGION TEN
TSP-8	1"=20'	05/02/95	

Loc 18

102.4

Same timing and phasing for each peak hour. no coordination

Loc 19

3309

Phase Times [1.1.1]

	1	2	3	4	5	6	7	8
Min Green	5	10	5	20	5	10	5	20
Gap, Ext	2	4	2	6	2	4	2	6
Max 1	16	35	16	70	16	35	16	70
Max 2								
Yel Clearance	3	5	3	5	3	5	3	5
Red Clearance	2	3	2	3	2	3	2	3
Walk		7		7		7		7
Ped Clearance		23		18		23		18
Red Revert	21	43	21	78	21	43	21	78
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								
Options [1.1.2]	1	2	3	4	5	6	7	8
Enable	ON	ON	ON	ON	ON	ON	ON	ON
Min Recall								
Max Recall								
Ped Recall								
Soft Recall								
Lock Calls		ON		ON		ON		ON
Auto Flash Entry								
Auto Flash Exit								
Dual Entry		ON		ON		ON		ON
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								
Options+ [1.1.3]	1	2	3	4	5	6	7	8
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay								

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

Pat#	Cyc	Off	Split	Seq
1	0	0	1	1
2	0	0	2	1
3	0	0	3	1
4	0	0	4	1
5	0	0	5	1
6	0	0	6	1
7	0	0	7	1
8	0	0	8	1
9	0	0	9	1
10	0	0	10	1
11	0	0	11	1
12	0	0	12	1

Pat#	Cyc	Off	Split	Seq
13	0	0	13	1
14	0	0	14	1
15	0	0	15	1
16	0	0	16	1
17	0	0	17	1
18	0	0	18	1
19	0	0	19	1
20	0	0	20	1
21	0	0	21	1
22	0	0	22	1
23	0	0	23	1
24	0	0	24	1

Pat#	Cyc	Off	Split	Seq
25	0	0	0	1
26	0	0	0	1
27	0	0	0	1
28	0	0	0	1
29	0	0	0	1
30	0	0	0	1
31	0	0	0	1
32	0	0	0	1
33	0	0	0	1
34	0	0	0	1
35	0	0	0	1
36	0	0	0	1

Pat#	Cyc	Off	Split	Seq
37	0	0	0	1
38	0	0	0	1
39	0	0	0	1
40	0	0	0	1
41	0	0	0	1
42	0	0	0	1
43	0	0	0	1
44	0	0	0	1
45	0	0	0	1
46	0	0	0	1
47	0	0	0	1
48	0	0	0	1

Split	1	2	3	4	5	6	7	8
1 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
2 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
3 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
4 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
5 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
6 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
7 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
8 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
9 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
10 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
11 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
12 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON

Split	1	2	3	4	5	6	7	8
13 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
14 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
15 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
16 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
17 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
18 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
19 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
20 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
21 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
22 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
23 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON
24 Coor	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON

Page#	
1	8 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
1A&1B	16 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
2	Overlaps; Channel Settings; Coord Alt Table+ (values not associated with time-of-day)
3	Detection; Sample Time and Unit Parameters related to detection
4	Preemption and Alternate Phase Time and Phase Options
5	Annual Schedule
6	Day Plans; Action Tables; Coord Alt Table+ (values varied by time-of-day)
7	Communications; Secutiry; I/O Setup
8	Misc - Events/Alarms; Call/Inhibit/Redirect; P/OLAP Auto Flash; CIC; Misc Unit Param

Ring/Startup [1.1.4]

Phs	Ring	Start	Enable
1	1	Red	ON
2	1	Green	ON
3	1	Red	ON
4	1	Red	ON
5	2	Red	ON
6	2	Green	ON
7	2	Red	ON
8	2	Red	ON

Coord Modes [2.1]

Test OpMode	0
Correction	SHRT/LNG
Maximum	MAX 1
Force-Off	Float
Closed Loop	ON
Stop-in-Walk	OFF
Auto Reset	ON
Expand Splt	OFF
Ped Recycle	NO_RECYCLE
Before	TIMED
After	TIMED

Auto Flash [1.4.1]

Auto Flash	PH OVER
Flash Yel	45
Flash Red	20

Unit Params [1.2.1]

Phase Mode	STD8
IO Mode	User
Loc Flsh Start	Red
Start Flash(s)	0
Start AllRed(s)	6
Yellow < 3"	OFF
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	1
Auxswitch	STOPTM
SDLC Retry	0
TS2 Det Faults	ON
Auto Ped Clear	OFF
SDLC Retry	0

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Times [1.1.1]	1	2	3	4	5	6	7	8
Min Green	5	10	5	20	5	10	5	20
Gap, Ext	2	4	2	6	2	4	2	6
Max 1	16	35	16	70	16	35	16	70
Max 2								
Yel Clearance	3	5	3	5	3	5	3	5
Red Clearance	2	3	2	3	2	3	2	3
Walk		7		7		7		7
Ped Clearance		23		18		23		18
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								
Options [1.1.2]	1	2	3	4	5	6	7	8
Enable	ON	ON	ON	ON	ON	ON	ON	ON
Min Recall								
Max Recall								
Ped Recall								
Soft Recall								
Lock Calls		ON		ON		ON		ON
Auto Flash Entry								
Auto Flash Exit								
Dual Entry		ON		ON		ON		ON
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								
Options+ [1.1.3]	1	2	3	4	5	6	7	8
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay	0	0	0	0	0	0	0	0

Coord Patterns [2.4] and Split Tables [2.7.1]

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	0	0	1	1	13	0	0	13	1	25	0	0	0	1	37	0	0	0	1
2	0	0	2	1	14	0	0	14	1	26	0	0	0	1	38	0	0	0	1
3	0	0	3	1	15	0	0	15	1	27	0	0	0	1	39	0	0	0	1
4	0	0	4	1	16	0	0	16	1	28	0	0	0	1	40	0	0	0	1
5	0	0	5	1	17	0	0	17	1	29	0	0	0	1	41	0	0	0	1
6	0	0	6	1	18	0	0	18	1	30	0	0	0	1	42	0	0	0	1
7	0	0	7	1	19	0	0	19	1	31	0	0	0	1	43	0	0	0	1
8	0	0	8	1	20	0	0	20	1	32	0	0	0	1	44	0	0	0	1
9	0	0	9	1	21	0	0	21	1	33	0	0	0	1	45	0	0	0	1
10	0	0	10	1	22	0	0	22	1	34	0	0	0	1	46	0	0	0	1
11	0	0	11	1	23	0	0	23	1	35	0	0	0	1	47	0	0	0	1
12	0	0	12	1	24	0	0	24	1	36	0	0	0	1	48	0	0	0	1

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
2	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
3	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
4	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
5	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
6	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
7	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
8	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
9	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
10	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
11	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
12	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
13	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
14	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
15	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
16	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

User Phase Mode

Phase>8 or Rings > 2

Coord Modes [2.1]	
Test OpMode	0
Correction	SHRT/LNG
Maximum	MAX 1
Force-Off	Float
Closed Loop	ON
Stop-in-Walk	OFF
Auto Reset	ON
Expand Splt	OFF
Ped Recycle	NO_RECYCLE
Before	TIMED
After	TIMED
Auto Flash [1.4.1]	
Auto Flash	PH OVER
Flash Yel	45
Flash Red	20
Unit Params [1.2.1]	
Phase Mode	STD8
IO Mode	User
Loc Flsh Start	Red
Start Flash(s)	0
Start AllRed(s)	6
Yellow < 3"	OFF
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	1
Auxswitch	STOPTM
SDLC RetryTm	0
TS2 Det Faults	ON
Auto Ped Clear	OFF

<- Mode NON is Blank

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Times [1.1.1]	9	10	11	12	13	14	15	16
Min Green								
Gap, Ext								
Max 1								
Max 2								
Yel Clearance	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Red Clearance	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Walk								
Ped Clearance								
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								

Options [1.1.2]	9	10	11	12	13	14	15	16
Enable								
Min Recall								
Max Recall								
Ped Recall								
Soft Recall								
Lock Calls								
Auto Flash Entry								
Auto Flash Exit								
Dual Entry								
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								

Options+ [1.1.3]	9	10	11	12	13	14	15	16
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay								

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

Ring/Startup [1.1.4]

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Phs	Ring	Start
17	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	2	1	Green
18	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	4	1	Red
19	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	6	2	Green
20	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	2	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	8	2	Red
21	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	10		Red
22	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	12		Red
23	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	14		Red
24	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	16		Red

Concurrency [1.1.4]

Phs	Concurrent Phases										Phs	Concurrent Phases								
1	5	6	0	0	0	0	0	0			9	0	0	0	0	0	0	0	0	
2	5	6	0	0	0	0	0	0			10	0	0	0	0	0	0	0	0	
3	7	8	0	0	0	0	0	0			11	0	0	0	0	0	0	0	0	
4	7	8	0	0	0	0	0	0			12	0	0	0	0	0	0	0	0	
5	1	2	0	0	0	0	0	0			13	0	0	0	0	0	0	0	0	
6	1	2	0	0	0	0	0	0			14	0	0	0	0	0	0	0	0	
7	3	4	0	0	0	0	0	0			15	0	0	0	0	0	0	0	0	
8	3	4	0	0	0	0	0	0			16	0	0	0	0	0	0	0	0	

Note: Expanded Splits are not used because "Expanded Splits" is OFF

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	0	0	1	1	25	0	0	0	1
2	0	0	2	1	26	0	0	0	1
3	0	0	3	1	27	0	0	0	1
4	0	0	4	1	28	0	0	0	1
5	0	0	5	1	29	0	0	0	1
6	0	0	6	1	30	0	0	0	1
7	0	0	7	1	31	0	0	0	1
8	0	0	8	1	32	0	0	0	1
9	0	0	9	1	33	0	0	0	1
10	0	0	10	1	34	0	0	0	1
11	0	0	11	1	35	0	0	0	1
12	0	0	12	1	36	0	0	0	1
13	0	0	13	1	37	0	0	0	1
14	0	0	14	1	38	0	0	0	1
15	0	0	15	1	39	0	0	0	1
16	0	0	16	1	40	0	0	0	1
17	0	0	17	1	41	0	0	0	1
18	0	0	18	1	42	0	0	0	1
19	0	0	19	1	43	0	0	0	1
20	0	0	20	1	44	0	0	0	1
21	0	0	21	1	45	0	0	0	1
22	0	0	22	1	46	0	0	0	1
23	0	0	23	1	47	0	0	0	1
24	0	0	24	1	48	0	0	0	1

Expanded Splits	**OFF**

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

24	Coord	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON
		0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
2	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
3	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
4	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
5	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
6	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
7	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
8	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
9	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
10	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
11	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
12	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
13	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
14	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
15	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
16	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
17	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
18	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
19	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
20	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
21	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
22	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
23	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

Overlap 1-16 Program Parms & Parm+ [1.5.2.1] [1.5.2.2]

Overlap Conflict Lock	OFF	Overlap Lock Inhibit	OFF	Parent Ph Clearance	OFF	Extra Included Ph	ON

	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
1	Modifier Ø								Grn		9	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
A	Conflict Olap								Red	1.5	I	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
2	Modifier Ø								Grn		10	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
B	Conflict Olap								Red	1.5	J	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
3	Modifier Ø								Grn		11	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
C	Conflict Olap								Red	1.5	K	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
4	Modifier Ø								Grn		12	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
D	Conflict Olap								Red	1.5	L	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
5	Modifier Ø								Grn		13	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
E	Conflict Olap								Red	1.5	M	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
6	Modifier Ø								Grn		14	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
F	Conflict Olap								Red	1.5	N	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
7	Modifier Ø								Grn		15	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
G	Conflict Olap								Red	1.5	O	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
8	Modifier Ø								Grn		16	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
H	Conflict Olap								Red	1.5	P	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	

Channel Settings [1.8.1]

.....Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Phase / Olap #	1	6	2	7	8	4	3	4	8	5	2	6												
Channel Type	VEH	VEH	VEH	VEH	VEH	VEH	VEH	PED	PED	VEH	PED	PED	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH
Channel Flash	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	DRK	DRK	DRK	DRK	DRK	DRK	DRK	DRK
Alt Hz																								

Channel+ Settings [1.8.4]

.....Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Flash Red+																								
Flash Yellow+																								
Flash Green+																								
Flash Inh Red+																								
Olap Ovrd																								

Coord Transition, CoorPhs [2.5]

Pat#	Short	Long	Dwell	No Shortway Ø				E-Yld	Offset	RetHld	Float	Min Veh Perm	Min Ped Perm
1	12	22							EndGRN				
2	12	22							EndGRN				
3	12	22							EndGRN				
4	12	22							EndGRN				
5	12	22							EndGRN				
6	12	22							EndGRN				
7	12	22							EndGRN				
8	12	22							EndGRN				
9	12	22							EndGRN				
10	12	22							EndGRN				
11	12	22							EndGRN				
12	12	22							EndGRN				
13	12	22							EndGRN				
14	12	22							EndGRN				
15	12	22							EndGRN				
16	12	22							EndGRN				
17	12	22							EndGRN				
18	12	22							EndGRN				
19	12	22							EndGRN				
20	12	22							EndGRN				
21	12	22							EndGRN				
22	12	22							EndGRN				
23	12	22							EndGRN				
24	12	22							EndGRN				
25									BegGRN				
26									BegGRN				
27									BegGRN				
28									BegGRN				
29									BegGRN				
30									BegGRN				
31									BegGRN				
32									BegGRN				
33									BegGRN				
34									BegGRN				
35									BegGRN				
36									BegGRN				
37									BegGRN				
38									BegGRN				
39									BegGRN				
40									BegGRN				
41									BegGRN				
42									BegGRN				
43									BegGRN				
44									BegGRN				
45									BegGRN				
46									BegGRN				
47									BegGRN				
48									BegGRN				

Channel Params[1.8.3]

C1 IO Mode	User	Single BIU Map	SINGLE	Invert Rail Input	OFF

Veh Par 1-64 [5.1]

Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time
1	1						45	50	2
2	5						45	50	2
3	2						45	50	2
4	6						45	50	2
5	4						45	50	2
6	8						45	50	2
7	7						45	50	2
8	3						45	50	2
9							45	50	2
10							45	50	2
11							45	50	2
12							45	50	2
13							45	50	2
14							45	50	2
15							45	50	2
16							45	50	2
17							45	50	2
18							45	50	2
19							45	50	
20							45	50	
21							45	50	
22							45	50	
23							45	50	
24							45	50	
25							45	50	
26							45	50	
27							45	50	
28							45	50	
29							45	50	
30							45	50	
31							45	50	
32							45	50	

Veh Par 1-64 [5.1]

Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time
33							45	50	
34							45	50	
35							45	50	
36							45	50	
37							45	50	
38							45	50	
39							45	50	
40							45	50	
41							45	50	
42							45	50	
43							45	50	
44							45	50	
45							45	50	
46							45	50	
47							45	50	
48							45	50	
49							45	50	
50							45	50	
51							45	50	
52							45	50	
53							45	50	
54							45	50	
55							45	50	
56							45	50	
57							45	50	
58							45	50	
59							45	50	
60							45	50	
61							45	50	
62							45	50	
63							45	50	
64							45	50	

Vehicle Options 1-64 [5.2]

Det #	Call	Ext	Que	Add Init	Red Lock	Yell Lock	occ	vol
1	ON	ON		ON				
2	ON	ON		ON				
3	ON	ON		ON				
4	ON	ON		ON				
5	ON	ON		ON				
6	ON	ON		ON				
7	ON	ON		ON				
8	ON	ON		ON				
9	ON	ON		ON				
10	ON	ON		ON				
11	ON	ON		ON				
12	ON	ON		ON				
13	ON	ON		ON				
14	ON	ON		ON				
15	ON	ON		ON				
16	ON	ON		ON				
17	ON	ON		ON				
18	ON	ON		ON				
19	ON	ON		ON				
20	ON	ON		ON				
21	ON	ON		ON				
22	ON	ON		ON				
23	ON	ON		ON				
24	ON	ON		ON				
25	ON	ON		ON				
26	ON	ON		ON				
27	ON	ON		ON				
28	ON	ON		ON				
29	ON	ON		ON				
30	ON	ON		ON				
31	ON	ON		ON				
32	ON	ON		ON				

Vehicle Options 1-64 [5.2]

Det #	Call	Ext	Que	Add AddInit	Red Lock	Yell Lock	occ	vol
33	ON	ON		ON				
34	ON	ON		ON				
35	ON	ON		ON				
36	ON	ON		ON				
37	ON	ON		ON				
38	ON	ON		ON				
39	ON	ON		ON				
40	ON	ON		ON				
41	ON	ON		ON				
42	ON	ON		ON				
43	ON	ON		ON				
44	ON	ON		ON				
45	ON	ON		ON				
46	ON	ON		ON				
47	ON	ON		ON				
48	ON	ON		ON				
49	ON	ON		ON				
50	ON	ON		ON				
51	ON	ON		ON				
52	ON	ON		ON				
53	ON	ON		ON				
54	ON	ON		ON				
55	ON	ON		ON				
56	ON	ON		ON				
57	ON	ON		ON				
58	ON	ON		ON				
59	ON	ON		ON				
60	ON	ON		ON				
61	ON	ON		ON				
62	ON	ON		ON				
63	ON	ON		ON				
64	ON	ON		ON				

Parameters+ 1-64 [5.3]

Det #	oc G	oc Y	oc R	Dlay 1	Dlay 2	Type	Src
1						NORM	
2						NORM	
3						NORM	
4						NORM	
5						NORM	
6						NORM	
7						NORM	
8						NORM	
9						NORM	
10						NORM	
11						NORM	
12						NORM	
13						NORM	
14						NORM	
15						NORM	
16						NORM	
17						NORM	
18						NORM	
19						NORM	
20						NORM	
21						NORM	
22						NORM	
23						NORM	
24						NORM	
25						NORM	
26						NORM	
27						NORM	
28						NORM	
29						NORM	
30						NORM	
31						NORM	
32						NORM	

Parameters+ 1-64 [5.3]

Det #	occ Grn	occ Yell	occ Red	Dlay 1	Dlay 2	Type	Src
33						NORM	
34						NORM	
35						NORM	
36						NORM	
37						NORM	
38						NORM	
39						NORM	
40						NORM	
41						NORM	
42						NORM	
43						NORM	
44						NORM	
45						NORM	
46						NORM	
47						NORM	
48						NORM	
49						NORM	
50						NORM	
51						NORM	
52						NORM	
53						NORM	
54						NORM	
55						NORM	
56						NORM	
57						NORM	
58						NORM	
59						NORM	
60						NORM	
61						NORM	
62						NORM	
63						NORM	
64						NORM	

Ped Det Parms [5.4]

Det #	Call Ø	No Act	Max Pres	Err Cnt
1	8		15	
2	4		15	
3	2		15	
4	6		15	
5			15	
6			15	
7			15	
8			15	

Unit Paramters [1.2.1]

TS2 Det Faults	ON
Vol/Occ Report Parm [1.5.8]	
Vol/Occ Period Minutes	0
Vol/Occ Period Minutes	15

Rt 102 @ Merrick Ave, Sig #112.3

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Preemption Times [3.1], Options+ [3.6]

Pre #	Enable	Type	Output	Delay	MinDura
1	ON	RAIL	Dwell		
2	ON	RAIL	Dwell		
3	ON	EMERG	TS2		
4	ON	EMERG	TS2		
5	ON	EMERG	TS2		
6	ON	EMERG	TS2		

Pre #	MaxPres	MinGrn	MinWlk	PedClr	Co+Pre
1					ON
2					ON
3		3		16	ON
4		3		18	ON
5		3		20	ON
6		3		23	ON

Pre #	Track Grn	Min Dwell	Ext Dwell	PedClr+	Yel
1		2			
2		2			
3		2			
4		2			
5		2			
6		2			

Pre #	Red	Pattern	Skip
1			OFF
2			OFF
3			OFF
4			OFF
5			OFF
6			OFF

Low Priority Preempts

Pre #	Type	Min	Max
7	OFF		
8	OFF		
9	OFF		
10	OFF		

Unit Parameters [1.2.1]

Stop Timer Over Preempt	OFF
Preempt or Ext Output	PRE
Max Seek Track Time	
Max Seek Dwell Time	

Channel Parameters [1.8.3]

D Conn Mappings	None
Pre Invert Rail Input	OFF

Track Clear Phases [3.2], Track Clear Overlaps+ [3.5]

Pre #	Track Phases				Track Overlaps											
1																
2																
3																
4																
5																
6																

Dwell Phases [3.2] and Overlaps+ [3.5]

Pre #													
1	Phases												
	Overlap												
	Peds												
2	Phases												
	Overlap												
	Peds												
3	Phases	3	8										
	Overlap												
	Peds												
4	Phases	4	7										
	Overlap												
	Peds												
5	Phases	2	5										
	Overlap												
	Peds												
6	Phases	1	6										
	Overlap												
	Peds												

Exit Phases [3.2]

Pre #	Exit Phase			
1				
2				
3				
4				
5				
6				

Preemption Options+ [3.6]

Pre #	Lock	Override Auto Flsh	Override Higher	Flsh Dwell	Link
1	ON	ON	ON	OFF	
2	ON	ON	ON	OFF	
3	ON	ON	ON	OFF	
4	ON	ON	ON	OFF	
5	ON	ON	ON	OFF	
6	ON	ON	ON	OFF	

Alt# 1 Times Table [1.1.6.1.2]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 2 Times Table [1.1.6.1.2]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 3 Times Table [1.1.6.1.3]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 1 Options Table [1.1.6.2.1]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 1 Veh Parameters [5.5.1.1]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Swiitch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 1 Veh Options [5.5.1.2]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 1 Veh Parameters+ [5.5.1.3]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 1 Ped Parameters+ [5.5.1.4]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Alt# 2 Options Table [1.1.6.2.2]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 3 Options Table [1.1.6.2.3]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 4 Options Table [1.1.6.2.4]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 2 Veh Parameters [5.5.2.1]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Swiitch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 2 Veh Options [5.5.2.2]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 2 Veh Parameters+ [5.5.2.3]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 2 Ped Parameters+ [5.5.2.4]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Annual Schedule [4.3]	Month of Year												Day of Week							Date																											Day Plan	Link To
1	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
2	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
3	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
4	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
5	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
6	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
7	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
8	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
9	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
10	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
11	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
12	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
13	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
14	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
15	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
16	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
17	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
18	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
19	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
20	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
21	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
22	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
23	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
24	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	

Day Plans [4.4]

Day Plan 1								Day Plan 2								Day Plan 3							
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0

Day Plan 4								Day Plan 5								Day Plan 6							
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0

Day Plan 7								Day Plan 8								Day Plan 9							
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0

Day Plan 10								Day Plan 11								Day Plan 12							
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0

Day Plan 13								Day Plan 14								Day Plan 15							
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0

Action Table [4.5]

Act#	Pat#	A1	A2	A3	S1	S2	S3	S4	S5	S6	S7	S8
1	1											
2	2											
3	3											
4	4											
5	5											
6	6											
7	7											
8	8											
9	9											
10	10											
11	11											
12	12											
13	13											
14	14											
15	15											
16	16											
17	17											
18	18											
19	19											
20	20											
21	21											
22	22											
23	23											
24	24											
25												
26												
27												
28												
29												
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
48												
98												
99												
100	255											

Coord Alternate Tables - Pat+ [2.6]

Pat#	ØOpt	ØTime	DetG	Call Inh	CIC	CNA1	Overlap Off 1	2	3	4	5	6	7	8	Dia	Max2
1															DFT	
2															DFT	
3															DFT	
4															DFT	
5															DFT	
6															DFT	
7															DFT	
8															DFT	
9															DFT	
10															DFT	
11															DFT	
12															DFT	
13															DFT	
14															DFT	
15															DFT	
16															DFT	
17															DFT	
18															DFT	
19															DFT	
20															DFT	
21															DFT	
22															DFT	
23															DFT	
24															DFT	
25															DFT	
26															DFT	
27															DFT	
28															DFT	
29															DFT	
30															DFT	
31															DFT	
32															DFT	
33															DFT	
34															DFT	
35															DFT	
36															DFT	
37															DFT	
38															DFT	
39															DFT	
40															DFT	
41															DFT	
42															DFT	
43															DFT	
44															DFT	
45															DFT	
46															DFT	
47															DFT	
48															DFT	

C1-USER IO Map [1.8.9.1 In]

I1-1	1	Veh Call 1
I1-2	2	Veh Call 2
I1-3	3	Veh Call 3
I1-4	4	Veh Call 4
I1-5	5	Veh Call 5
I1-6	6	Veh Call 6
I1-7	7	Veh Call 7
I1-8	8	Veh Call 8
I2-1	129	Ped Call 1
I2-2	189	Unused
I2-3	130	Ped Call 2
I2-4	131	Ped Call 3
I2-5	189	Unused
I2-6	189	Unused
I2-7	189	Unused
I2-8	132	Ped Call 4
I3-1	189	Unused
I3-2	189	Unused
I3-3	189	Unused
I3-4	189	Unused
I3-5	189	Unused
I3-6	189	Unused
I3-7	189	Unused
I3-8	189	Unused
I4-1	189	Unused
I4-2	189	Unused
I4-3	189	Unused
I4-4	189	Unused
I4-5	189	Unused
I4-6	189	Unused
I4-7	229	33xCMUStop
I4-8	228	33xFlashSns
I5-1	200	Pre 3 In
I5-2	201	Pre 4 In
I5-3	202	Pre 5 In
I5-4	203	Pre 6 In
I5-5	189	Unused
I5-6	189	Unused
I5-7	189	Unused
I5-8	189	Unused
I6-1	189	Unused
I6-2	189	Unused
I6-3	189	Unused
I6-4	189	Unused
I6-5	189	Unused
I6-6	189	Unused
I6-7	189	Unused
I6-8	189	Unused

C1-USER IO Map [1.8.9.2 Out]

O1-1	1	Ch1 Red
O1-2	49	Ch1 Green
O1-3	2	Ch2 Red
O1-4	26	Ch2 Yellow
O1-5	50	Ch2 Green
O1-6	3	Ch3 Red
O1-7	27	Ch3 Yellow
O1-8	51	Ch3 Green
O2-1	4	Ch4 Red
O2-2	52	Ch4 Green
O2-3	5	Ch5 Red
O2-4	29	Ch5 Yellow
O2-5	53	Ch5 Green
O2-6	6	Ch6 Red
O2-7	30	Ch6 Yellow
O2-8	54	Ch6 Green
O3-1	7	Ch7 Red
O3-2	55	Ch7 Green
O3-3	8	Ch8 Red
O3-4	32	Ch8 Yellow
O3-5	56	Ch8 Green
O3-6	9	Ch9 Red
O3-7	33	Ch9 Yellow
O3-8	57	Ch9 Green
O4-1	10	Ch10 Red
O4-2	58	Ch10 Green
O4-3	11	Ch11 Red
O4-4	35	Ch11 Yellow
O4-5	59	Ch11 Green
O4-6	12	Ch12 Red
O4-7	36	Ch12 Yellow
O4-8	60	Ch12 Green
O5-1	28	Ch4 Yellow
O5-2	34	Ch10 Yellow
O5-3	25	Ch1 Yellow
O5-4	31	Ch7 Yellow
O5-5	39	Ch15 Yellow
O5-6	63	Ch15 Green
O5-7	115	Not Used
O5-8	114	Watchdog
O6-1	115	Not Used
O6-2	115	Not Used
O6-3	13	Ch13 Red
O6-4	37	Ch13 Yellow
O6-5	61	Ch13 Green
O6-6	14	Ch14 Red
O6-7	38	Ch14 Yellow
O6-8	62	Ch14 Green

C1-USER IO Map [1.8.9.2 Out]

O7-1	40	Ch16 Yellow
O7-2	16	Ch16 Red
O7-3	64	Ch16 Green
O7-4	115	Not Used
O7-5	115	Not Used
O7-6	115	Not Used
O7-7	115	Not Used
O7-8	15	Ch15 Red

C11S-USER IO Map [1.8.9.1 In]

I4-1		
I4-2		
I4-3		
I4-4		
I7-1	189	Unused
I7-2	189	Unused
I7-3	189	Unused
I7-4	189	Unused
I7-5	189	Unused
I7-6	189	Unused
I7-7	189	Unused
I7-8	189	Unused
I8-1	189	Unused
I8-2	189	Unused
I8-3	189	Unused
I8-4	189	Unused
I8-5	189	Unused
I8-6	189	Unused
I8-7	189	Unused
I8-8	189	Unused

C11S-USER IO Map [1.8.9.2 Out]

O8-1	115	Not Used
O8-2	115	Not Used
O8-3	115	Not Used
O8-4	115	Not Used
O8-5	115	Not Used
O8-6	115	Not Used
O8-7	115	Not Used
O8-8	115	Not Used

IO Logic [1.8.7]

Op1	Result		O1Fcn	Inv1	IO1	Opn1	O2Fnc	Inv2	IO2	Opn2	O3Fnc	Inv3	IO3	Opn3	Dly	Sec
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0

Security Access Levels [8.2]

1	SWLOAD	22	None	43	None
2	SECURE	23	None	44	None
3	None	24	None	45	None
4	None	25	None	46	None
5	None	26	None	47	None
6	None	27	None	48	None
7	None	28	None	49	None
8	None	29	None	50	None
9	None	30	None	51	None
10	None	31	None	52	None
11	None	32	None	53	None
12	None	33	None	54	None
13	None	34	None	55	None
14	None	35	None	56	None
15	None	36	None	57	None
16	None	37	None	58	None
17	None	38	None	59	None
18	None	39	None	60	None
19	None	40	None	61	None
20	None	41	None	62	None
21	None	42	None	63	None
				64	None

Com Parameters [6.1]

Station ID	3309
Group ID	
Master ID	0
Backup Time	0

SysUp Modem [6.1]

Enable Modem	OFF
Idle Time	0
Dial Time	0
Tel:	
Alt:	

2070 Port Parms [6.2]

Port	Baud Rate	FCM
SP1	9600	MODE 6
SP2	9600	MODE 6
SP3	19200	MODE 6
SP4	38400	MODE 6
SP5	1200	AUTO
SP6	1200	AUTO
SP7	1200	AUTO
SP8	1200	AUTO

2070 IP 1 Addressing [6.5]

	Addressing			
Addr	0	0	0	0
Mask	0	0	0	0
Brdcst	0	0	0	0
GtWay	0	0	0	0
Port	0			

2070 IP 2 Addressing [6.5]

	Addressing			
Addr	0	0	0	0
Mask	0	0	0	0
Brdcst	0	0	0	0
GtWay	0	0	0	0
Port	0			

2070 Port Binding Ports [6.6]

	Port	Echo	Mode
ASYNC1	SP1	OFF	0
ASYNC2	SP2	OFF	0
ASYNC3	SP3	OFF	0
ASYNC4	SP4	OFF	0
SYNC1	SP5S	SYNC3	OFF
SYNC2	OFF	SYNC4	OFF

2070 Port Binding Functions [6.6]

Function	Channel	Function	Channel
TS2/CVM	None	SYSUp	ASYNC2
CMU/MMU	None	SYSDown	ASYNC1
Opticom	None	Shell	None
Loop Det.	None		
GPS	-		

#	Event / Alarm	Ev	Alr
1	Power Up Alarm.	ON	ON
2	Stop Timing	ON	ON
3	TS1 Cabinet Door		
4	Coordination Failure	ON	ON
5	External Alarm # 1	ON	ON
6	External Alarm # 2	ON	ON
7	External Alarm # 3		
8	External Alarm # 4		
9	Closed Loop Disabled	ON	
10	External Alarm # 5		
11	External Alarm # 6		
12	Manual Control Enable	ON	ON
13	Coord Free Input		
14	Local Flash Input	ON	ON
15	MMU Flash		
16	CMU Flash		
17	Cycle Fault	ON	
18	Cycle Failure	ON	
19	Coordination Fault	ON	
20	Controller Fault	ON	ON
21	Detector SDLC Failure		
22	MMU SDLC Failure		
23	Critical SDLC Failure		
24	Reserved		
25	EEPROM CRC Fault	ON	ON
26	Detector Diagnostic Failur		
27	BIU Detector Failure	ON	ON
32	Queue detector alarm	ON	
29	Ped Detector Fault	ON	
30	Coord Diagnostic Fault		
41	TempAlert Probe Ch. A		
42	TempAlert Probe Ch. B		
47	Coord Active		
48	Preempt Active	ON	
49	Preempt 1 Input	ON	
50	Preempt 2 Input	ON	
51	Preempt 3 Input	ON	
52	Preempt 4 Input	ON	
53	Preempt 5 Input	ON	
54	Preempt 6 Input	ON	
55	Preempt 7 Input	ON	
56	Preempt 8 Input	ON	
57	Preempt 9 Input	ON	
58	Preempt 10 Input	ON	
61	In Transition	ON	
81	FIO Status Alarm		

Call Phases[1.1.5]

Ø	Ø	Phases Called By Ø			
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

Redirect Phases[1.1.5]

	From	To	From	To	From	To	From	To
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

Inhibit Phases[1.1.5]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																

Alt Call & Redirect # 1 [1.1.6.3]

Col	Ø	Phases Called By Ø					From	To	From	To	From	To	From	To	From	To
1						1										
2						2										
3						3										
4						4										
5						5										
6						6										
7						7										
8						8										

Alt Inhibit Phases # 1 [1.1.6.3]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																

Alt Call & Redirect # 2 [1.1.6.3]

Col	Ø	Phases Called By Ø					From	To	From	To	From	To	From	To	From	To
1						1										
2						2										
3						3										
4						4										
5						5										
6						6										
7						7										
8						8										

Alt Inhibit Phases # 2 [1.1.6.3]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																

Coord, CIC Plans [2.3]

CIC	CoØ	Grow	1	2	3	4	5	6	7	8
1	OFF									
2	OFF									
3	OFF									
4	OFF									

Auto Flash Phase/Olap Settings [1.4.2]

Yel Ø								
Yel (olaps)								

Unit Parameters [1.2.1]

Allow Skip Yellow	OFF	Max Cycle Time	
TOD Dim Enable	OFF	Cycle Fault Action	Alarm
Tone Disable	OFF		
Diamond Mode	4Ph		
Backup Time (s)	900		
Disable Init Ped	OFF		
Cycle Fault Action	Alarm		
Enable Run Timer	ON		

D25097

FED ROAD REG. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOT SHE
1	N.Y.	M-4001 (176)	128R1	15

EAST MEADOW SIGNAL AND SIGNING
TRAFFIC IMPROVEMENTS DESIGN
NASSAU COUNTY
P.I.N. 0750.95

SIGNAL NO. 1123

ESTIMATE OF QUANTITIES

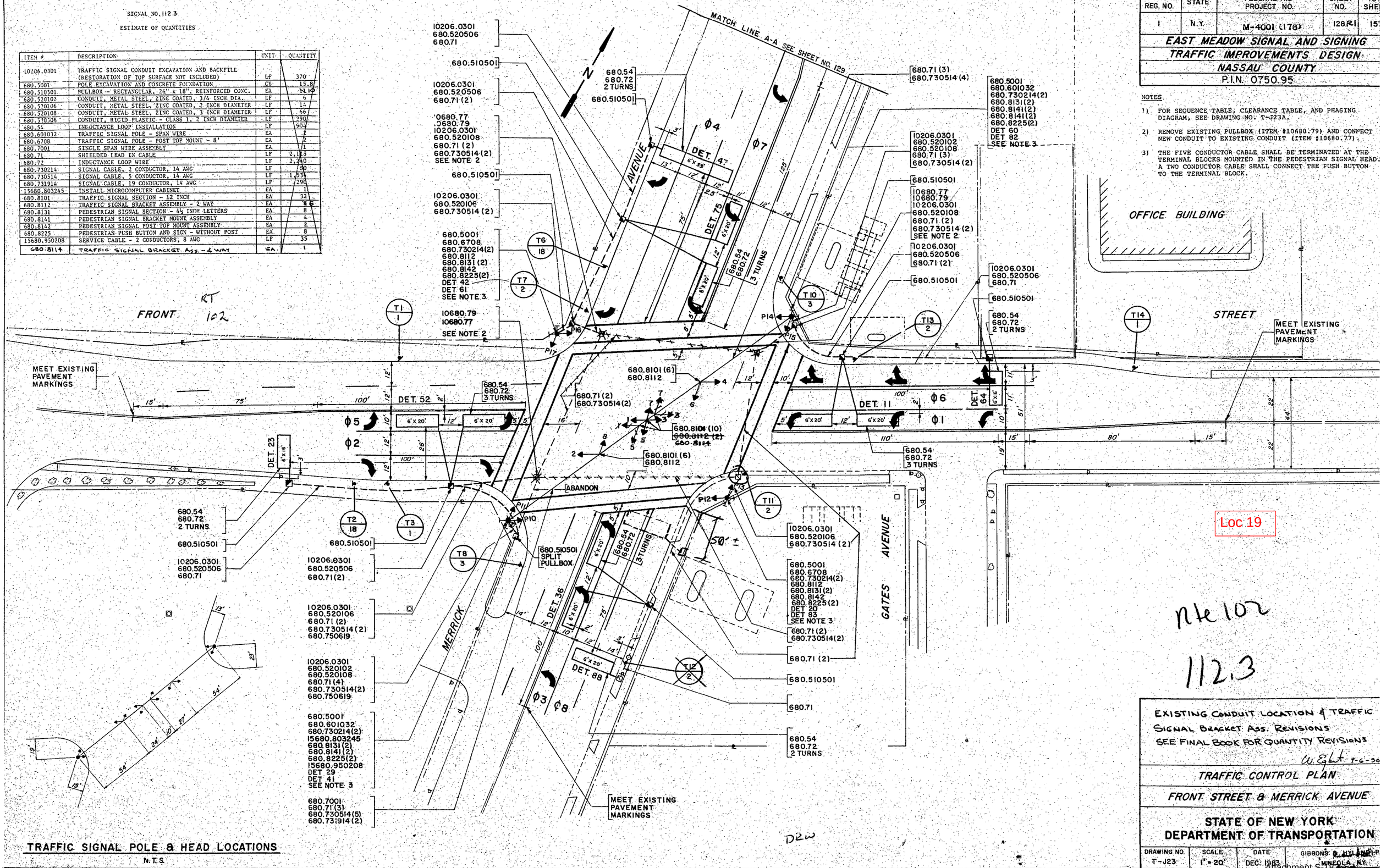
ITEM #	DESCRIPTION	UNIT	QUANTITY
10206.0301	TRAFFIC SIGNAL CONDUIT EXCAVATION AND BACKFILL (RESTORATION OF TOP SURFACE NOT INCLUDED)	LF	370
680.5001	POLE EXCAVATION AND CONCRETE FOUNDATION	CY	15.8
680.510501	PULLBOX - RECTANGULAR, 26" x 18", REINFORCED CONC.	EA	11 10
680.520102	CONDUIT, METAL STEEL, ZINC COATED, 3/4 INCH DIA.	LF	6
680.520106	CONDUIT, METAL STEEL, ZINC COATED, 2 INCH DIAMETER	LF	14
680.520108	CONDUIT, METAL STEEL, ZINC COATED, 3 INCH DIAMETER	LF	66
680.570106	CONDUIT, RIGID PLASTIC - CLASS 1, 2 INCH DIAMETER	LF	390
680.56	INDUCTANCE LOOP INSTALLATION	LF	90
680.601032	TRAFFIC SIGNAL POLE - SPAN WIRE	EA	2
680.6708	TRAFFIC SIGNAL POLE - POST TOP MOUNT - 8'	EA	2
680.7001	SINGLE SPAN WIRE ASSEMBLY	EA	1
680.71	SHIELDED LEAD IN CABLE	LF	2,115
680.72	INDUCTANCE LOOP WIRE	LF	2,340
680.730214	SIGNAL CABLE, 2 CONDUCTOR, 14 AWG	LF	30
680.730514	SIGNAL CABLE, 5 CONDUCTOR, 14 AWG	LF	1,515
680.731914	SIGNAL CABLE, 19 CONDUCTOR, 14 AWG	LF	290
15680.803245	INSTALL MICROCOMPUTER CABINET	EA	1
680.8101	TRAFFIC SIGNAL SECTION - 12 INCH	EA	32
680.8112	TRAFFIC SIGNAL BRACKET ASSEMBLY - 2 WAY	EA	8 6
680.8131	PEDESTRIAN SIGNAL SECTION - 4½ INCH LETTERS	EA	8
680.8141	PEDESTRIAN SIGNAL BRACKET MOUNT ASSEMBLY	EA	4
680.8142	PEDESTRIAN SIGNAL POST TOP MOUNT ASSEMBLY	EA	2
680.8225	PEDESTRIAN PUSH BUTTON AND SIGN - WITHOUT POST	EA	8
15680.950208	SERVICE CABLE - 2 CONDUCTORS, 8 AWG	LF	35
680.8114	TRAFFIC SIGNAL BRACKET ASS. - 4 WAY	EA.	1

NOTES

1) FOR SEQUENCE TABLE, CLEARANCE TABLE, AND PHASING DIAGRAM, SEE DRAWING NO. T-J23A.

2) REMOVE EXISTING PULLBOX (ITEM #10680.79) AND CONNECT NEW CONDUIT TO EXISTING CONDUIT (ITEM #10680.77).

3) THE FIVE CONDUCTOR CABLE SHALL BE TERMINATED AT THE TERMINAL BLOCKS MOUNTED IN THE PEDESTRIAN SIGNAL HEAD. A TWO CONDUCTOR CABLE SHALL CONNECT THE PUSH BUTTON TO THE TERMINAL BLOCK.



TRAFFIC SIGNAL POLE & HEAD LOCATIONS
N.T.S.

Loc 19

nte 102

1123

EXISTING CONDUIT LOCATION & TRAFFIC SIGNAL BRACKET ASS. REVISIONS
SEE FINAL BOOK FOR QUANTITY REVISIONS
W. Eglit 9-6-90

TRAFFIC CONTROL PLAN
FRONT STREET & MERRICK AVENUE

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

DRAWING NO.	SCALE	DATE	GIBBONS & HYLAND P.C.
T-J23	1" = 20'	DEC. 1983	MINEOLA, N.Y.

DRW

D2509

FED. ROAD REG. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.
I	N.Y.	M-4001 (178)	129

EAST MEADOW SIGNAL AND SIGNIN
TRAFFIC IMPROVEMENTS DESIGN
NASSAU COUNTY
P.I.N. 0750.95

SEQUENCE TABLE SIGNAL NO. 1123

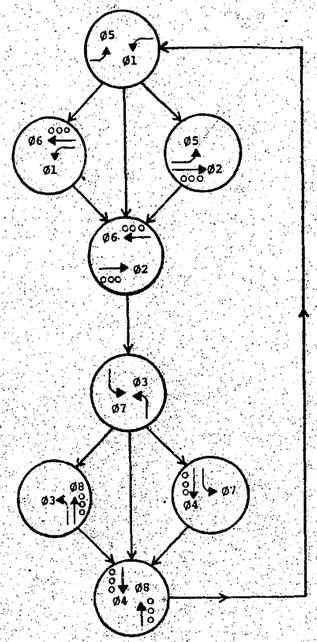
	FACES											
	1	2	3	4	5	6	7	8	P10,P12	P14,P16	P11,P17	P13,P15
	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	DONT WALK / WALK	DONT WALK / WALK	DONT WALK / WALK	DONT WALK / WALK
PHASE	12"	12"	12"	12"	12"	12"	12"	12"				
Ø1 + Ø5	←G/R	R	←G/R	R	R	R	R	R	DW	DW	DW	DW
Ø1 + Ø6	R	R	←G/G	G	R	R	R	R	DW	DW*	DW	DW
Ø2 + Ø5	←G/G	G	R	R	R	R	R	R	DW*	DW	DW	DW
Ø2 + Ø6	G	G	G	G	R	R	R	R	DW*	DW*	DW	DW
Ø3 + Ø7	R	R	R	R	←G/R	R	←G/R	R	DW	DW	DW	DW
Ø3 + Ø8	R	R	R	R	←G/G	G	R	R	DW	DW	DW	DW*
Ø4 + Ø7	R	R	R	R	R	R	←G/G	G	DW	DW	DW*	DW
Ø4 + Ø8	R	R	R	R	G	G	G	G	DW	DW	DW*	DW*
FLASH	Y	Y	Y	Y	R	R	R	R	DARK	DARK	DARK	DARK

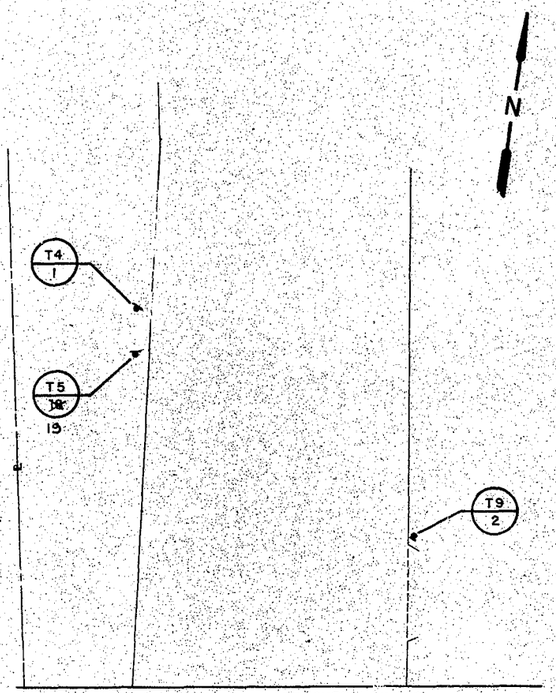
*THIS INDICATION WILL BE A STEADY WALK FOLLOWED BY A SUITABLE FLASHING DONT WALK IF PEDESTRIAN PUSH BUTTON HAS BEEN ACTUATED.

CLEARANCE TABLE

FROM / TO		R	G	←G/R	←G/G	
R		R	Y	←Y/R	←Y/Y	1ST CL.
		R	R	R	R	2ND CL.
G		R	G	←Y/R	←Y/G	1ST CL.
		R	G	R	G	2ND CL.
←G/R		R	-	-	←G/R	1ST CL.
		R	-	-	←G/R	2ND CL.
←G/G		R	G	←G/R	-	1ST CL.
		R	G	←G/R	-	2ND CL.

PHASING DIAGRAM





MATCH LINE A-A SEE SHEET NO. 128

Rte 107
112.3 (2)

SIGN REVISION

Weht 9-6-9

TRAFFIC CONTROL PLAN

FRONT STREET & MERRICK AVENUE

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

DRAWING NO.	SCALE	DATE	
T-J23A	1" = 20'	DEC. 1983	GIBBONS & HYLAND MINEOLA, N.Y.

Same phasing and timing for all peak hours

Loc 20

3304

Phase Times [1.1.1]

	1	2	3	4	5	6	7	8
Min Green	5	10		12		10	5	12
Gap, Ext	1	4		3		4	2	3
Max 1	12	55		30		55	12	30
Max 2								
Yel Clearance	3	4		4		4	3	4
Red Clearance	2	2		2		2	2	2
Walk		7		7		7		7
Ped Clearance		15		15		15		15
Red Revert	17	61		36		61	17	36
Add Initial		2				2		
Max Initial		25				25		
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								

Options [1.1.2]	1	2	3	4	5	6	7	8
Enable	ON	ON		ON		ON	ON	ON
Min Recall		ON				ON		
Max Recall								
Ped Recall								
Soft Recall								
Lock Calls		ON		ON		ON		ON
Auto Flash Entry								
Auto Flash Exit								
Dual Entry		ON		ON		ON		ON
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								

Options+ [1.1.3]	1	2	3	4	5	6	7	8
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay								

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	0	0	1	1	13	0	0	13	1	25	0	0	0	1	37	0	0	0	1
2	0	0	2	1	14	0	0	14	1	26	0	0	0	1	38	0	0	0	1
3	0	0	3	1	15	0	0	15	1	27	0	0	0	1	39	0	0	0	1
4	0	0	4	1	16	0	0	16	1	28	0	0	0	1	40	0	0	0	1
5	0	0	5	1	17	0	0	17	1	29	0	0	0	1	41	0	0	0	1
6	0	0	6	1	18	0	0	18	1	30	0	0	0	1	42	0	0	0	1
7	0	0	7	1	19	0	0	19	1	31	0	0	0	1	43	0	0	0	1
8	0	0	8	1	20	0	0	20	1	32	0	0	0	1	44	0	0	0	1
9	0	0	9	1	21	0	0	21	1	33	0	0	0	1	45	0	0	0	1
10	0	0	10	1	22	0	0	22	1	34	0	0	0	1	46	0	0	0	1
11	0	0	11	1	23	0	0	23	1	35	0	0	0	1	47	0	0	0	1
12	0	0	12	1	24	0	0	24	1	36	0	0	0	1	48	0	0	0	1
Split		1	2	3	4	5	6	7	8	Split		1	2	3	4	5	6	7	8
1	Coor	0	0	0	0	0	0	0	0	13	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
2	Coor	0	0	0	0	0	0	0	0	14	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
3	Coor	0	0	0	0	0	0	0	0	15	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
4	Coor	0	0	0	0	0	0	0	0	16	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
5	Coor	0	0	0	0	0	0	0	0	17	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
6	Coor	0	0	0	0	0	0	0	0	18	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
7	Coor	0	0	0	0	0	0	0	0	19	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
8	Coor	0	0	0	0	0	0	0	0	20	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
9	Coor	0	0	0	0	0	0	0	0	21	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
10	Coor	0	0	0	0	0	0	0	0	22	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
11	Coor	0	0	0	0	0	0	0	0	23	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
12	Coor	0	0	0	0	0	0	0	0	24	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON

Page#	
1	8 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
1A&1B	16 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
2	Overlaps; Channel Settings; Coord Alt Table+ (values not associated with time-of-day)
3	Detection; Sample Time and Unit Parameters related to detection
4	Preemption and Alternate Phase Time and Phase Options
5	Annual Schedule
6	Day Plans; Action Tables; Coord Alt Table+ (values varied by time-of-day)
7	Communications; Secutiry; I/O Setup
8	Misc - Events/Alarms; Call/Inhibit/Redirect; P/OLAP Auto Flash; CIC; Misc Unit Param

Ring/Startup [1.1.4]

Phs	Ring	Start	Enable
1	1	Red	ON
2	1	Green	ON
3	1	Red	OFF
4	1	Red	ON
5	2	Red	OFF
6	2	Green	ON
7	2	Red	ON
8	2	Red	ON

Coord Modes [2.1]

Test OpMode	0
Correction	SHRT/LNG
Maximum	MAX 1
Force-Off	FIXED
Closed Loop	ON
Stop-in-Walk	OFF
Auto Reset	ON
Expand Splt	OFF
Ped Recycle	NO_RECYCLE
Before	TIMED
After	TIMED

Auto Flash [1.4.1]

Auto Flash	PH OVER
Flash Yel	45
Flash Red	20

Unit Params [1.2.1]

Phase Mode	STD8
IO Mode	User
Loc Flsh Start	Red
Start Flash(s)	0
Start AllRed(s)	6
Yellow < 3"	OFF
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	1
Auxswitch	STOPTM
SDLC Retry	0
TS2 Det Faults	ON
Auto Ped Clear	OFF
SDLC Retry	0

Times [1.1.1]	1	2	3	4	5	6	7	8
Min Green	5	10		12		10	5	12
Gap, Ext	1	4		3		4	2	3
Max 1	12	55		30		55	12	30
Max 2								
Yel Clearance	3	4		4		4	3	4
Red Clearance	2	2		2		2	2	2
Walk		7		7		7		7
Ped Clearance		15		15		15		15
Red Revert								
Add Initial		2				2		
Max Initial		25				25		
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								

Options [1.1.2]	1	2	3	4	5	6	7	8
Enable	ON	ON		ON		ON	ON	ON
Min Recall		ON				ON		
Max Recall								
Ped Recall								
Soft Recall								
Lock Calls		ON		ON		ON		ON
Auto Flash Entry								
Auto Flash Exit								
Dual Entry		ON		ON		ON		ON
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								

Options+ [1.1.3]	1	2	3	4	5	6	7	8
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay	0	0	0	0	0	0	0	0

Coord Patterns [2.4] and Split Tables [2.7.1]

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	0	0	1	1	13	0	0	13	1	25	0	0	0	1	37	0	0	0	1
2	0	0	2	1	14	0	0	14	1	26	0	0	0	1	38	0	0	0	1
3	0	0	3	1	15	0	0	15	1	27	0	0	0	1	39	0	0	0	1
4	0	0	4	1	16	0	0	16	1	28	0	0	0	1	40	0	0	0	1
5	0	0	5	1	17	0	0	17	1	29	0	0	0	1	41	0	0	0	1
6	0	0	6	1	18	0	0	18	1	30	0	0	0	1	42	0	0	0	1
7	0	0	7	1	19	0	0	19	1	31	0	0	0	1	43	0	0	0	1
8	0	0	8	1	20	0	0	20	1	32	0	0	0	1	44	0	0	0	1
9	0	0	9	1	21	0	0	21	1	33	0	0	0	1	45	0	0	0	1
10	0	0	10	1	22	0	0	22	1	34	0	0	0	1	46	0	0	0	1
11	0	0	11	1	23	0	0	23	1	35	0	0	0	1	47	0	0	0	1
12	0	0	12	1	24	0	0	24	1	36	0	0	0	1	48	0	0	0	1

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
2	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
3	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
4	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
5	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
6	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
7	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
8	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
9	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
10	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
11	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
12	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
13	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
14	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
15	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
16	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

User Phase Mode

Phase>8 or Rings > 2

Coord Modes [2.1]	
Test OpMode	0
Correction	SHRT/LNG
Maximum	MAX 1
Force-Off	FIXED
Closed Loop	ON
Stop-in-Walk	OFF
Auto Reset	ON
Expand Splt	OFF
Ped Recycle	NO_RECYCLE
Before	TIMED
After	TIMED
Auto Flash [1.4.1]	
Auto Flash	PH OVER
Flash Yel	45
Flash Red	20
Unit Params [1.2.1]	
Phase Mode	STD8
IO Mode	User
Loc Flsh Start	Red
Start Flash(s)	0
Start AllRed(s)	6
Yellow < 3"	OFF
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	1
Auxswitch	STOPTM
SDLC RetryTm	0
TS2 Det Faults	ON
Auto Ped Clear	OFF

<- Mode NON is Blank

3304 Rt 102 @ Uniondale Ave, Sig #112.1

03/27/23 **Page 1A**

Times [1.1.1]	9	10	11	12	13	14	15	16
Min Green								
Gap, Ext								
Max 1								
Max 2								
Yel Clearance	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Red Clearance	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Walk								
Ped Clearance								
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								

Options [1.1.2]	9	10	11	12	13	14	15	16
Enable								
Min Recall								
Max Recall								
Ped Recall								
Soft Recall								
Lock Calls								
Auto Flash Entry								
Auto Flash Exit								
Dual Entry								
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								

Options+ [1.1.3]	9	10	11	12	13	14	15	16
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay								

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1] — Ring/Startup [1.1.4]

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Phs	Ring	Start
17	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	2	1	Green
18	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	4	1	Red
19	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	6	2	Green
20	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	2	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	8	2	Red
21	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	10		Red
22	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	12		Red
23	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	14		Red
24	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	16		Red

Concurrency [1.1.4]

Phs	Concurrent Phases										Phs	Concurrent Phases								
1	5	6	0	0	0	0	0	0			9	0	0	0	0	0	0	0	0	
2	5	6	0	0	0	0	0	0			10	0	0	0	0	0	0	0	0	
3	7	8	0	0	0	0	0	0			11	0	0	0	0	0	0	0	0	
4	7	8	0	0	0	0	0	0			12	0	0	0	0	0	0	0	0	
5	1	2	0	0	0	0	0	0			13	0	0	0	0	0	0	0	0	
6	1	2	0	0	0	0	0	0			14	0	0	0	0	0	0	0	0	
7	3	4	0	0	0	0	0	0			15	0	0	0	0	0	0	0	0	
8	3	4	0	0	0	0	0	0			16	0	0	0	0	0	0	0	0	

Note: Expanded Splits are not used because "Expanded Splits" is OFF

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	0	0	1	1	25	0	0	0	1
2	0	0	2	1	26	0	0	0	1
3	0	0	3	1	27	0	0	0	1
4	0	0	4	1	28	0	0	0	1
5	0	0	5	1	29	0	0	0	1
6	0	0	6	1	30	0	0	0	1
7	0	0	7	1	31	0	0	0	1
8	0	0	8	1	32	0	0	0	1
9	0	0	9	1	33	0	0	0	1
10	0	0	10	1	34	0	0	0	1
11	0	0	11	1	35	0	0	0	1
12	0	0	12	1	36	0	0	0	1
13	0	0	13	1	37	0	0	0	1
14	0	0	14	1	38	0	0	0	1
15	0	0	15	1	39	0	0	0	1
16	0	0	16	1	40	0	0	0	1
17	0	0	17	1	41	0	0	0	1
18	0	0	18	1	42	0	0	0	1
19	0	0	19	1	43	0	0	0	1
20	0	0	20	1	44	0	0	0	1
21	0	0	21	1	45	0	0	0	1
22	0	0	22	1	46	0	0	0	1
23	0	0	23	1	47	0	0	0	1
24	0	0	24	1	48	0	0	0	1

Expanded Splits	**OFF**

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

24	Coord	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON
		0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
2	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
3	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
4	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
5	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
6	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
7	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
8	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
9	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
10	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
11	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
12	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
13	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
14	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
15	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
16	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
17	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
18	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
19	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
20	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
21	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
22	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
23	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

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Overlap 1-16 Program Parms & Parm+ [1.5.2.1] [1.5.2.2]

Overlap Conflict Lock	OFF	Overlap Lock Inhibit	OFF	Parent Ph Clearance	OFF	Extra Included Ph	ON

	Included Ø								Type	NORMAL		Included Ø									Type	NORMAL
1	Modifier Ø								Grn		9	Modifier Ø									Grn	
	Conflict Ø								Yel	3.5		Conflict Ø									Yel	3.5
A	Conflict Olap								Red	1.5	I	Conflict Olap									Red	1.5
	Conflict Ped								LG			Conflict Ped									LG	
	Included Ø								Type	NORMAL		Included Ø									Type	NORMAL
2	Modifier Ø								Grn		10	Modifier Ø									Grn	
	Conflict Ø								Yel	3.5		Conflict Ø									Yel	3.5
B	Conflict Olap								Red	1.5	J	Conflict Olap									Red	1.5
	Conflict Ped								LG			Conflict Ped									LG	
	Included Ø								Type	NORMAL		Included Ø									Type	NORMAL
3	Modifier Ø								Grn		11	Modifier Ø									Grn	
	Conflict Ø								Yel	3.5		Conflict Ø									Yel	3.5
C	Conflict Olap								Red	1.5	K	Conflict Olap									Red	1.5
	Conflict Ped								LG			Conflict Ped									LG	
	Included Ø								Type	NORMAL		Included Ø									Type	NORMAL
4	Modifier Ø								Grn		12	Modifier Ø									Grn	
	Conflict Ø								Yel	3.5		Conflict Ø									Yel	3.5
D	Conflict Olap								Red	1.5	L	Conflict Olap									Red	1.5
	Conflict Ped								LG			Conflict Ped									LG	
	Included Ø								Type	NORMAL		Included Ø									Type	NORMAL
5	Modifier Ø								Grn		13	Modifier Ø									Grn	
	Conflict Ø								Yel	3.5		Conflict Ø									Yel	3.5
E	Conflict Olap								Red	1.5	M	Conflict Olap									Red	1.5
	Conflict Ped								LG			Conflict Ped									LG	
	Included Ø								Type	NORMAL		Included Ø									Type	NORMAL
6	Modifier Ø								Grn		14	Modifier Ø									Grn	
	Conflict Ø								Yel	3.5		Conflict Ø									Yel	3.5
F	Conflict Olap								Red	1.5	N	Conflict Olap									Red	1.5
	Conflict Ped								LG			Conflict Ped									LG	
	Included Ø								Type	NORMAL		Included Ø									Type	NORMAL
7	Modifier Ø								Grn		15	Modifier Ø									Grn	
	Conflict Ø								Yel	3.5		Conflict Ø									Yel	3.5
G	Conflict Olap								Red	1.5	O	Conflict Olap									Red	1.5
	Conflict Ped								LG			Conflict Ped									LG	
	Included Ø								Type	NORMAL		Included Ø									Type	NORMAL
8	Modifier Ø								Grn		16	Modifier Ø									Grn	
	Conflict Ø								Yel	3.5		Conflict Ø									Yel	3.5
H	Conflict Olap								Red	1.5	P	Conflict Olap									Red	1.5
	Conflict Ped								LG			Conflict Ped									LG	

Channel Settings [1.8.1]

……Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Phase / Olap #	1	6	2	7	8	4					4	8	2	6										
Channel Type	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	PED	PED	PED	PED	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH
Channel Flash	Red	YEL	YEL	Red	Red	Red	Red	Red	Red	Red	DRK	DRK	DRK	DRK	Red	Red	DRK	DRK	DRK	DRK	DRK	DRK	DRK	DRK
Alt Hz																								

Channel+ Settings [1.8.4]

……Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Flash Red+																								
Flash Yellow+																								
Flash Green+																								
Flash Inh Red+																								
Olap Ovrd																								

Coord Transition, CoorPhs [2.5]

Pat#	Short	Long	Dwell	No Shortway Ø				E-Yld	Offset	RetHld	Float	Min Veh Perm	Min Ped Perm
1	12	22							EndGRN				
2	12	22							EndGRN				
3	12	22							EndGRN				
4	12	22							EndGRN				
5	12	22							EndGRN				
6	12	22							EndGRN				
7	12	22							EndGRN				
8	12	22							EndGRN				
9	12	22							EndGRN				
10	12	22							EndGRN				
11	12	22							EndGRN				
12	12	22							EndGRN				
13	12	22							EndGRN				
14	12	22							EndGRN				
15	12	22							EndGRN				
16	12	22							EndGRN				
17	12	22							EndGRN				
18	12	22							EndGRN				
19	12	22							EndGRN				
20	12	22							EndGRN				
21	12	22							EndGRN				
22	12	22							EndGRN				
23	12	22							EndGRN				
24	12	22							EndGRN				
25									BegGRN				
26									BegGRN				
27									BegGRN				
28									BegGRN				
29									BegGRN				
30									BegGRN				
31									BegGRN				
32									BegGRN				
33									BegGRN				
34									BegGRN				
35									BegGRN				
36									BegGRN				
37									BegGRN				
38									BegGRN				
39									BegGRN				
40									BegGRN				
41									BegGRN				
42									BegGRN				
43									BegGRN				
44									BegGRN				
45									BegGRN				
46									BegGRN				
47									BegGRN				
48									BegGRN				

Channel Params[1.8.3]

C1 IO Mode	User	Single BIU Map	SINGLE	Invert Rail Input	OFF

Veh Par 1-64 [5.1]

Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time
1	1						45	50	255
2	2						45	50	255
3	4						45	50	255
4	6						45	50	255
5	7						45	50	255
6	8						45	50	255
7	8						45	50	255
8							45	50	255
9							45	50	255
10							45	50	255
11							45	50	255
12							45	50	255
13							45	50	255
14							45	50	255
15							45	50	255
16							45	50	255
17							45	50	2
18							45	50	2
19							45	50	
20							45	50	
21							45	50	
22							45	50	
23							45	50	
24							45	50	
25							45	50	
26							45	50	
27							45	50	
28							45	50	
29							45	50	
30							45	50	
31							45	50	
32							45	50	

Veh Par 1-64 [5.1]

Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time
33							45	50	
34							45	50	
35							45	50	
36							45	50	
37							45	50	
38							45	50	
39							45	50	
40							45	50	
41							45	50	
42							45	50	
43							45	50	
44							45	50	
45							45	50	
46							45	50	
47							45	50	
48							45	50	
49							45	50	
50							45	50	
51							45	50	
52							45	50	
53							45	50	
54							45	50	
55							45	50	
56							45	50	
57							45	50	
58							45	50	
59							45	50	
60							45	50	
61							45	50	
62							45	50	
63							45	50	
64							45	50	

Vehicle Options 1-64 [5.2]

Det #	Call	Ext	Que	Add Init	Red Lock	Yell Lock	occ	vol
1	ON	ON		ON				
2	ON	ON		ON				
3	ON	ON		ON				
4	ON	ON		ON				
5	ON	ON		ON				
6	ON	ON		ON				
7	ON	ON		ON				
8	ON	ON		ON				
9	ON	ON		ON				
10	ON	ON		ON				
11	ON	ON		ON				
12	ON	ON		ON				
13	ON	ON		ON				
14	ON	ON		ON				
15	ON	ON		ON				
16	ON	ON		ON				
17	ON	ON		ON				
18	ON	ON		ON				
19	ON	ON		ON				
20	ON	ON		ON				
21	ON	ON		ON				
22	ON	ON		ON				
23	ON	ON		ON				
24	ON	ON		ON				
25	ON	ON		ON				
26	ON	ON		ON				
27	ON	ON		ON				
28	ON	ON		ON				
29	ON	ON		ON				
30	ON	ON		ON				
31	ON	ON		ON				
32	ON	ON		ON				

Vehicle Options 1-64 [5.2]

Det #	Call	Ext	Que	Add AddInit	Red Lock	Yell Lock	occ	vol
33	ON	ON		ON				
34	ON	ON		ON				
35	ON	ON		ON				
36	ON	ON		ON				
37	ON	ON		ON				
38	ON	ON		ON				
39	ON	ON		ON				
40	ON	ON		ON				
41	ON	ON		ON				
42	ON	ON		ON				
43	ON	ON		ON				
44	ON	ON		ON				
45	ON	ON		ON				
46	ON	ON		ON				
47	ON	ON		ON				
48	ON	ON		ON				
49	ON	ON		ON				
50	ON	ON		ON				
51	ON	ON		ON				
52	ON	ON		ON				
53	ON	ON		ON				
54	ON	ON		ON				
55	ON	ON		ON				
56	ON	ON		ON				
57	ON	ON		ON				
58	ON	ON		ON				
59	ON	ON		ON				
60	ON	ON		ON				
61	ON	ON		ON				
62	ON	ON		ON				
63	ON	ON		ON				
64	ON	ON		ON				

Parameters+ 1-64 [5.3]

Det #	oc G	oc Y	oc R	Dlay 1	Dlay 2	Type	Src
1						NORM	
2						NORM	
3						NORM	
4						NORM	
5						NORM	
6						NORM	
7						NORM	
8						NORM	
9						NORM	
10						NORM	
11						NORM	
12						NORM	
13						NORM	
14						NORM	
15						NORM	
16						NORM	
17						NORM	
18						NORM	
19						NORM	
20						NORM	
21						NORM	
22						NORM	
23						NORM	
24						NORM	
25						NORM	
26						NORM	
27						NORM	
28						NORM	
29						NORM	
30						NORM	
31						NORM	
32						NORM	

Parameters+ 1-64 [5.3]

Det #	occ Grn	occ Yell	occ Red	Dlay 1	Dlay 2	Type	Src
33						NORM	
34						NORM	
35						NORM	
36						NORM	
37						NORM	
38						NORM	
39						NORM	
40						NORM	
41						NORM	
42						NORM	
43						NORM	
44						NORM	
45						NORM	
46						NORM	
47						NORM	
48						NORM	
49						NORM	
50						NORM	
51						NORM	
52						NORM	
53						NORM	
54						NORM	
55						NORM	
56						NORM	
57						NORM	
58						NORM	
59						NORM	
60						NORM	
61						NORM	
62						NORM	
63						NORM	
64						NORM	

Ped Det Parms [5.4]

Det #	Call Ø	No Act	Max Pres	Err Cnt
1	2		15	
2	4		15	
3	6		15	
4	8		15	
5			15	
6			15	
7			15	
8			15	

Unit Paramters [1.2.1]

TS2 Det Faults	ON
Vol/Occ Report Parm [1.5.8]	
Vol/Occ Period Minutes	0
Vol/Occ Period Minutes	15

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Preemption Times [3.1], Options+ [3.6]

Pre #	Enable	Type	Output	Delay	MinDura
1	ON	RAIL	Dwell		
2	ON	RAIL	Dwell		
3	ON	EMERG	Dwell		
4	ON	EMERG	Dwell		
5	ON	EMERG	Dwell		
6	ON	EMERG	Dwell		

Pre #	MaxPres	MinGrn	MinWlk	PedClr	Co+Pre
1					ON
2					ON
3					ON
4					ON
5					ON
6					ON

Pre #	Track Grn	Min Dwell	Ext Dwell	PedClr+	Yel
1		2			
2		2			
3		2			
4		2			
5		2			
6		2			

Pre #	Red	Pattern	Skip
1			OFF
2			OFF
3			OFF
4			OFF
5			OFF
6			OFF

Low Priority Preempts

Pre #	Type	Min	Max
7	OFF		
8	OFF		
9	OFF		
10	OFF		

Unit Parameters [1.2.1]

Stop Timer Over Preempt	OFF
Preempt or Ext Output	PRE
Max Seek Track Time	
Max Seek Dwell Time	

Channel Parameters [1.8.3]

D Conn Mappings	None
Pre Invert Rail Input	OFF

Track Clear Phases [3.2], Track Clear Overlaps+ [3.5]

Pre #	Track Phases	Track Overlaps
1		
2		
3		
4		
5		
6		

Dwell Phases [3.2] and Overlaps+ [3.5]

Pre #		
1	Phases	
	Overlap	
	Peds	
2	Phases	
	Overlap	
	Peds	
3	Phases	
	Overlap	
	Peds	
4	Phases	
	Overlap	
	Peds	
5	Phases	
	Overlap	
	Peds	
6	Phases	
	Overlap	
	Peds	

Exit Phases [3.2]

Pre #	Exit Phase
1	
2	
3	
4	
5	
6	

Preemption Options+ [3.6]

Pre #	Lock	Override Auto Flsh	Override Higher	Flsh Dwell	Link
1	ON	ON	ON	OFF	
2	ON	ON	ON	OFF	
3	ON	ON	ON	OFF	
4	ON	ON	ON	OFF	
5	ON	ON	ON	OFF	
6	ON	ON	ON	OFF	

Alt# 1 Times Table [1.1.6.1.2]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 2 Times Table [1.1.6.1.2]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 3 Times Table [1.1.6.1.3]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 1 Options Table [1.1.6.2.1]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 1 Veh Parameters [5.5.1.1]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Swiitch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 1 Veh Options [5.5.1.2]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 1 Veh Parameters+ [5.5.1.3]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 1 Ped Parameters+ [5.5.1.4]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Alt# 2 Options Table [1.1.6.2.2]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 3 Options Table [1.1.6.2.3]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 4 Options Table [1.1.6.2.4]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 2 Veh Parameters [5.5.2.1]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Swiitch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 2 Veh Options [5.5.2.2]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 2 Veh Parameters+ [5.5.2.3]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 2 Ped Parameters+ [5.5.2.4]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Annual Schedule [4.3]	Month of Year												Day of Week							Date																											Day Plan	Link To
1	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
2	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
3	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
4	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
5	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
6	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
7	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
8	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
9	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
10	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
11	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
12	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
13	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
14	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
15	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
16	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
17	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
18	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
19	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
20	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
21	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
22	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
23	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
24	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	

Day Plans [4.4]

	Day Plan 1							Day Plan 2							Day Plan 3							
	Hour	Min	Act		Hour	Min	Act	Hour	Min	Act		Hour	Min	Act	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0

	Day Plan 4							Day Plan 5							Day Plan 6							
	Hour	Min	Act		Hour	Min	Act	Hour	Min	Act		Hour	Min	Act	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0

	Day Plan 7							Day Plan 8							Day Plan 9							
	Hour	Min	Act		Hour	Min	Act	Hour	Min	Act		Hour	Min	Act	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0

	Day Plan 10							Day Plan 11							Day Plan 12							
	Hour	Min	Act		Hour	Min	Act	Hour	Min	Act		Hour	Min	Act	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0

	Day Plan 13							Day Plan 14							Day Plan 15							
	Hour	Min	Act		Hour	Min	Act	Hour	Min	Act		Hour	Min	Act	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0

Action Table [4.5]

Act#	Pat#	A1	A2	A3	S1	S2	S3	S4	S5	S6	S7	S8
1	1											
2	2											
3	3											
4	4											
5	5											
6	6											
7	7											
8	8											
9	9											
10	10											
11	11											
12	12											
13	13											
14	14											
15	15											
16	16											
17	17											
18	18											
19	19											
20	20											
21	21											
22	22											
23	23											
24	24											
25												
26												
27												
28												
29												
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
48												
98												
99												
100	255											

Coord Alternate Tables - Pat+ [2.6]

Pat#	ØOpt	ØTime	DetG	Call Inh	CIC	CNA1	Overlap Off 1	2	3	4	5	6	7	8	Dia	Max2
1															DFT	
2															DFT	
3															DFT	
4															DFT	
5															DFT	
6															DFT	
7															DFT	
8															DFT	
9															DFT	
10															DFT	
11															DFT	
12															DFT	
13															DFT	
14															DFT	
15															DFT	
16															DFT	
17															DFT	
18															DFT	
19															DFT	
20															DFT	
21															DFT	
22															DFT	
23															DFT	
24															DFT	
25															DFT	
26															DFT	
27															DFT	
28															DFT	
29															DFT	
30															DFT	
31															DFT	
32															DFT	
33															DFT	
34															DFT	
35															DFT	
36															DFT	
37															DFT	
38															DFT	
39															DFT	
40															DFT	
41															DFT	
42															DFT	
43															DFT	
44															DFT	
45															DFT	
46															DFT	
47															DFT	
48															DFT	

C1-USER IO Map [1.8.9.1 In]

I1-1	1	Veh Call 1
I1-2	2	Veh Call 2
I1-3	3	Veh Call 3
I1-4	4	Veh Call 4
I1-5	5	Veh Call 5
I1-6	6	Veh Call 6
I1-7	7	Veh Call 7
I1-8	8	Veh Call 8
I2-1	9	Veh Call 9
I2-2	10	Veh Call 10
I2-3	11	Veh Call 11
I2-4	12	Veh Call 12
I2-5	129	Ped Call 1
I2-6	130	Ped Call 2
I2-7	131	Ped Call 3
I2-8	132	Ped Call 4
I3-1	189	Unused
I3-2	189	Unused
I3-3	189	Unused
I3-4	189	Unused
I3-5	189	Unused
I3-6	189	Unused
I3-7	189	Unused
I3-8	189	Unused
I4-1	189	Unused
I4-2	189	Unused
I4-3	189	Unused
I4-4	189	Unused
I4-5	189	Unused
I4-6	189	Unused
I4-7	229	33xCMUStop
I4-8	228	33xFlashSns
I5-1	202	Pre 5 In
I5-2	203	Pre 6 In
I5-3	200	Pre 3 In
I5-4	201	Pre 4 In
I5-5	189	Unused
I5-6	189	Unused
I5-7	189	Unused
I5-8	189	Unused
I6-1	189	Unused
I6-2	189	Unused
I6-3	189	Unused
I6-4	189	Unused
I6-5	189	Unused
I6-6	189	Unused
I6-7	189	Unused
I6-8	189	Unused

C1-USER IO Map [1.8.9.2 Out]

O1-1	1	Ch1 Red
O1-2	49	Ch1 Green
O1-3	2	Ch2 Red
O1-4	26	Ch2 Yellow
O1-5	50	Ch2 Green
O1-6	3	Ch3 Red
O1-7	27	Ch3 Yellow
O1-8	51	Ch3 Green
O2-1	4	Ch4 Red
O2-2	52	Ch4 Green
O2-3	5	Ch5 Red
O2-4	29	Ch5 Yellow
O2-5	53	Ch5 Green
O2-6	6	Ch6 Red
O2-7	30	Ch6 Yellow
O2-8	54	Ch6 Green
O3-1	7	Ch7 Red
O3-2	55	Ch7 Green
O3-3	8	Ch8 Red
O3-4	32	Ch8 Yellow
O3-5	56	Ch8 Green
O3-6	9	Ch9 Red
O3-7	33	Ch9 Yellow
O3-8	57	Ch9 Green
O4-1	10	Ch10 Red
O4-2	58	Ch10 Green
O4-3	11	Ch11 Red
O4-4	35	Ch11 Yellow
O4-5	59	Ch11 Green
O4-6	12	Ch12 Red
O4-7	36	Ch12 Yellow
O4-8	60	Ch12 Green
O5-1	28	Ch4 Yellow
O5-2	34	Ch10 Yellow
O5-3	25	Ch1 Yellow
O5-4	31	Ch7 Yellow
O5-5	39	Ch15 Yellow
O5-6	63	Ch15 Green
O5-7	115	Not Used
O5-8	114	Watchdog
O6-1	115	Not Used
O6-2	115	Not Used
O6-3	13	Ch13 Red
O6-4	37	Ch13 Yellow
O6-5	61	Ch13 Green
O6-6	14	Ch14 Red
O6-7	38	Ch14 Yellow
O6-8	62	Ch14 Green

C1-USER IO Map [1.8.9.2 Out]

O7-1	40	Ch16 Yellow
O7-2	16	Ch16 Red
O7-3	64	Ch16 Green
O7-4	115	Not Used
O7-5	115	Not Used
O7-6	115	Not Used
O7-7	115	Not Used
O7-8	15	Ch15 Red

C11S-USER IO Map [1.8.9.1 In]

I4-1		
I4-2		
I4-3		
I4-4		
I7-1	189	Unused
I7-2	189	Unused
I7-3	189	Unused
I7-4	189	Unused
I7-5	189	Unused
I7-6	189	Unused
I7-7	189	Unused
I7-8	189	Unused
I8-1	189	Unused
I8-2	189	Unused
I8-3	189	Unused
I8-4	189	Unused
I8-5	189	Unused
I8-6	189	Unused
I8-7	189	Unused
I8-8	189	Unused

C11S-USER IO Map [1.8.9.2 Out]

O8-1	115	Not Used
O8-2	115	Not Used
O8-3	115	Not Used
O8-4	115	Not Used
O8-5	115	Not Used
O8-6	115	Not Used
O8-7	115	Not Used
O8-8	115	Not Used

IO Logic [1.8.7]

Op1	Result		O1Fcn	Inv1	IO1	Opn1	O2Fcn	Inv2	IO2	Opn2	O3Fnc	Inv3	IO3	Opn3	Dly	Sec
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0

Security Access Levels [8.2]

1	SWLOAD	22	None	43	None
2	SECURE	23	None	44	None
3	None	24	None	45	None
4	None	25	None	46	None
5	None	26	None	47	None
6	None	27	None	48	None
7	None	28	None	49	None
8	None	29	None	50	None
9	None	30	None	51	None
10	None	31	None	52	None
11	None	32	None	53	None
12	None	33	None	54	None
13	None	34	None	55	None
14	None	35	None	56	None
15	None	36	None	57	None
16	None	37	None	58	None
17	None	38	None	59	None
18	None	39	None	60	None
19	None	40	None	61	None
20	None	41	None	62	None
21	None	42	None	63	None
				64	None

Com Parameters [6.1]

Station ID	3304
Group ID	
Master ID	0
Backup Time	0

SysUp Modem [6.1]

Enable Modem	OFF
Idle Time	0
Dial Time	0
Tel:	
Alt:	

2070 Port Parms [6.2]

Port	Baud Rate	FCM
SP1	9600	MODE 6
SP2	9600	MODE 6
SP3	19200	MODE 6
SP4	38400	MODE 6
SP5	1200	AUTO
SP6	1200	AUTO
SP7	1200	AUTO
SP8	1200	AUTO

2070 IP 1 Addressing [6.5]

	Addressing			
Addr	0	0	0	0
Mask	0	0	0	0
Brdcst	0	0	0	0
GtWay	0	0	0	0
Port	0			

2070 IP 2 Addressing [6.5]

	Addressing			
Addr	0	0	0	0
Mask	0	0	0	0
Brdcst	0	0	0	0
GtWay	0	0	0	0
Port	0			

2070 Port Binding Ports [6.6]

	Port	Echo	Mode
ASYNC1	SP1	OFF	0
ASYNC2	SP2	OFF	0
ASYNC3	SP3	OFF	0
ASYNC4	SP4	OFF	0
SYNC1	SP5S	SYNC3	OFF
SYNC2	OFF	SYNC4	OFF

2070 Port Binding Functions [6.6]

Function	Channel	Function	Channel
TS2/CVM	None	SYSUp	ASYNC2
CMU/MMU	None	SYSDown	ASYNC1
Opticom	None	Shell	None
Loop Det.	None		
GPS	-		

#	Event / Alarm	Ev	Alr
1	Power Up Alarm.	ON	
2	Stop Timing	ON	ON
3	TS1 Cabinet Door	ON	ON
4	Coordination Failure	ON	ON
5	External Alarm # 1		
6	External Alarm # 2		
7	External Alarm # 3		
8	External Alarm # 4		
9	Closed Loop Disabled		
10	External Alarm # 5		
11	External Alarm # 6		
12	Manual Control Enable	ON	
13	Coord Free Input	ON	
14	Local Flash Input	ON	
15	MMU Flash	ON	
16	CMU Flash	ON	
17	Cycle Fault	ON	
18	Cycle Failure	ON	
19	Coordination Fault	ON	
20	Controller Fault	ON	
21	Detector SDLC Failure	ON	
22	MMU SDLC Failure	ON	
23	Critical SDLC Failure	ON	
24	Reserved	ON	
25	EEPROM CRC Fault	ON	
26	Detector Diagnostic Failur	ON	ON
27	BIU Detector Failure	ON	
32	Queue detector alarm	ON	
29	Ped Detector Fault	ON	ON
30	Coord Diagnostic Fault	ON	ON
41	TempAlert Probe Ch. A		
42	TempAlert Probe Ch. B		
47	Coord Active	ON	ON
48	Preempt Active	ON	ON
49	Preempt 1 Input	ON	
50	Preempt 2 Input	ON	
51	Preempt 3 Input	ON	
52	Preempt 4 Input	ON	
53	Preempt 5 Input	ON	
54	Preempt 6 Input	ON	
55	Preempt 7 Input	ON	
56	Preempt 8 Input	ON	
57	Preempt 9 Input	ON	
58	Preempt 10 Input	ON	
61	In Transition		
81	FIO Status Alarm		

Call Phases[1.1.5]

Ø	Ø	Phases Called By Ø			
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

Redirect Phases[1.1.5]

	From	To	From	To	From	To	From	To
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

Inhibit Phases[1.1.5]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2	ON															
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																

Alt Call & Redirect # 1 [1.1.6.3]

Col	Ø	Phases Called By Ø					From	To	From	To	From	To	From	To	From	To
1						1										
2						2										
3						3										
4						4										
5						5										
6						6										
7						7										
8						8										

Alt Inhibit Phases # 1 [1.1.6.3]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																

Alt Call & Redirect # 2 [1.1.6.3]

Col	Ø	Phases Called By Ø					From	To	From	To	From	To	From	To	From	To
1						1										
2						2										
3						3										
4						4										
5						5										
6						6										
7						7										
8						8										

Alt Inhibit Phases # 2 [1.1.6.3]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																

Coord, CIC Plans [2.3]

CIC	CoØ	Grow	1	2	3	4	5	6	7	8
1	OFF									
2	OFF									
3	OFF									
4	OFF									

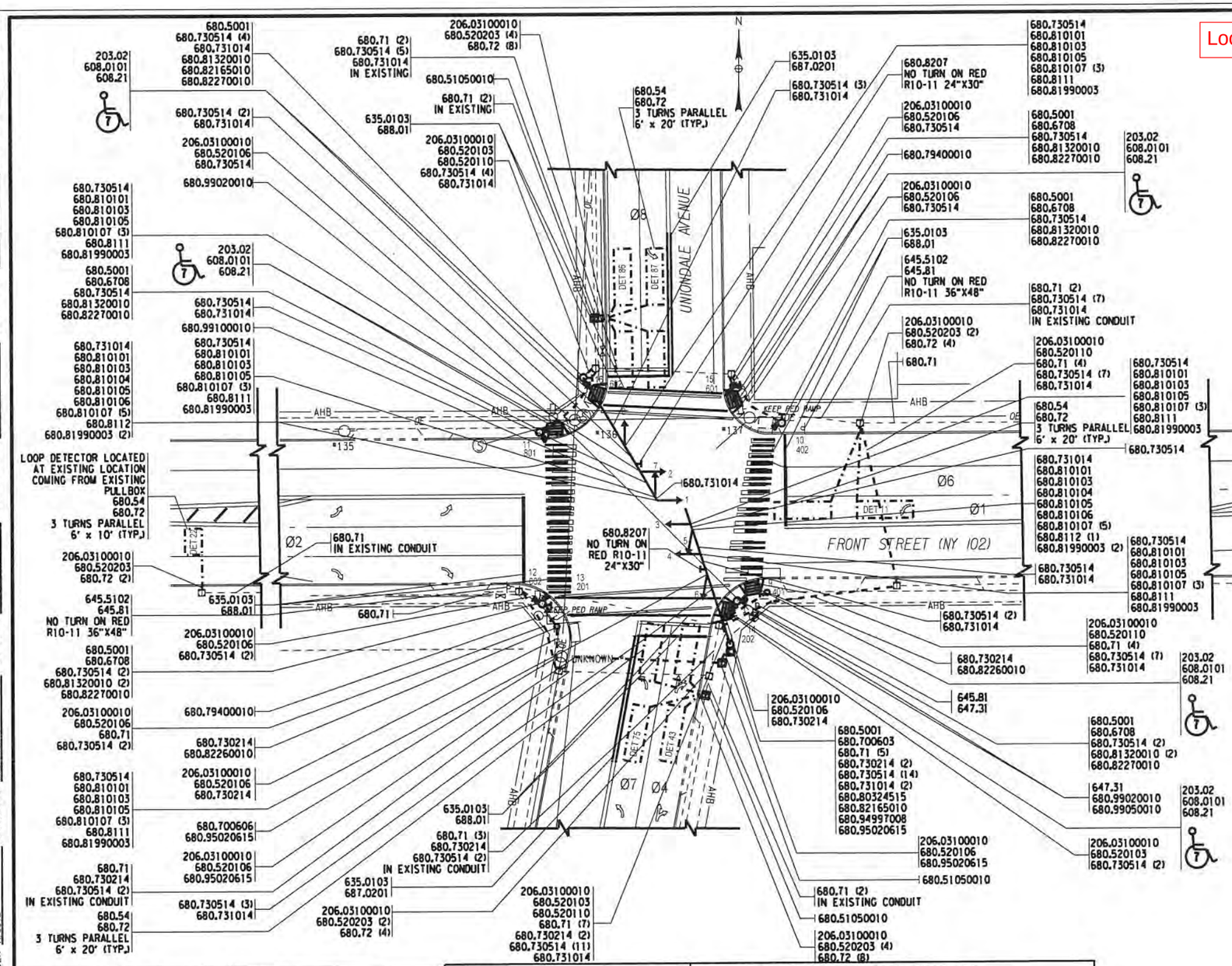
Auto Flash Phase/Olap Settings [1.4.2]

Yel Ø								
Yel (olaps)								

Unit Parameters [1.2.1]

Allow Skip Yellow	OFF	Max Cycle Time	
TOD Dim Enable	OFF	Cycle Fault Action	Alarm
Tone Disable	OFF		
Diamond Mode	4Ph		
Backup Time (s)	900		
Disable Init Ped	OFF		
Cycle Fault Action	Alarm		
Enable Run Timer	ON		

Loc 20



NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NYSDOT REGIONAL TRAFFIC SIGNAL DETAIL SHEETS AND THE NYS STANDARD SHEETS.
2. PRIOR TO BEGINNING ANY WORK ON THE CONTRACT, THE CONTRACTOR SHALL NOTIFY THE REGIONAL TRAFFIC SIGNAL SECTION TO PERFORM AN INSPECTION OF THE EXISTING TRAFFIC SIGNAL EQUIPMENT, AFTER THE INSPECTION, THE CONTRACTOR MUST SUBMIT A WRITTEN NOTIFICATION WITH THE DATE THEY WILL ASSUME TRAFFIC SIGNAL MAINTENANCE. NO WORK SHALL PROCEED ON THE CONTRACT UNTIL TRAFFIC SIGNAL MAINTENANCE IS ASSUMED. THE EXISTING TRAFFIC SIGNAL SHALL BE MAINTAINED UNDER ITEM 619.1613 EXCEPT FOR THE CONTROLLER, PROGRAMMING AND TIMING WHICH SHALL BE MAINTAINED BY THE STATE.
3. ALL TRAFFIC SIGNALS SHALL BE MAINTAINED IN A TRAFFIC RESPONSIVE OPERATION AND AL LINTERCONNECT, WHERE EXISTING, SHALL BE MAINTAINED. THE CONTRACTOR SHALL PAY A LIQUIDATED DAMAGES CHARGE OF $500.00 PER CALENDAR DAY IF ACTUATION AND COORDINATION IS NOT MAINTAINED.
4. ALL VEHICLE DETECTION AND SIGNAL COORDINATION MUST BE MAINTAINED AT ALL TIMES. SPLICING OF INDUCTANCE LOOP WIRE, SHIELDED LEAD-IN CABLE, AND INTERCONNECT CABLE SHALL BE ALLOWED FOR TEMPORARY REPAIRS DURING CONSTRUCTION ONLY. TEMPORARY LOOP DETECTORS, IF NECESSARY, SHALL BE AT LEAST 6' X 6', BE CENTERED IN THEIR RESPECTIVE LANE, AND PAID FOR UNDER ITEMS 680.54 AND 680.72. OTHER TYPES OF TEMPORARY DETECTION MAY BE USED UPON APPROVAL OF THE REGIONAL TRAFFIC SIGNAL SECTION.
5. TRAFFIC SIGNAL TURN-ON SHALL BE DONE BY NYS TRAFFIC SIGNAL PERSONNEL ONLY. THE CONTRACTOR SHALL PAY A LIQUIDATED DAMAGES CHARGE OF $10,000 IF THE TRAFFIC SIGNAL IS TURNED ON (INCLUDING FLASHING OPERATION) WITHOUT NYS TRAFFIC SIGNAL PERSONNEL PRESENT. THE CONTRACTOR SHALL NOTIFY THE NYS TRAFFIC SIGNAL SECTION TWO WEEKS PRIOR TO THE REQUESTED DATE OF TURN-ON.
6. THE NOTES ON TSD-1 TO TSD-12 SHALL APPLY.
7. ALL DETECTORS SHALL BE CENTERED IN THEIR RESPECTIVE LANES AND SPACED 10 FT. APART UNLESS OTHERWISE INDICATED IN THE PLAN.
8. THE PROPOSED TRAFFIC SIGNAL POLES SHALL BE "NASSAU COUNTY" MAST ARMS AND SHALL BE INSTALLED AS PER DRAWING TSD-10. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR THE FOUNDATION AND MAST ARMS POLES FOR APPROVAL BY NYSDOT PRIOR TO CONSTRUCTION. AS PART OF THE SHOP DRAWING SUBMITTAL PACKAGE, THE CONTRACTOR/FABRICATOR SHALL CERTIFY, WITH A P.E. SEAL, THAT THE MAST ARM AND FOUNDATION ARE ADEQUATE FOR BOTH CURRENT AND FUTURE LOADING. CONSIDER FUTURE LOADING TO BE THE WEIGHT AND THE SURFACE AREA OF FACES 1, 3, 5, 7 DOUBLED. ALSO INCLUDE IN THE FUTURE LOADING NTOR SIGN AREA TO BE DOUBLED. REFER TO NOTE 12 FOR CALCULATION OF BACK PLATES FOR THE MAST ARMS.
9. THE PROPOSED CROSSWALK LAYOUT SHALL BE DETERMINED UPON FIELD INSPECTION AND INSTALLED AS ORDERED BY THE EIC. REFER TO DRAWING NO. MD-6 FOR DETAILS. THE PROPOSED STAGGERED CROSSWALK BARS SHALL BE 8' IN WIDTH.
10. WHERE THERE IS A POTENTIAL FOR DANGEROUS PROXIMITY OR CONTACT WITH ENERGIZED ELECTRICAL SYSTEMS, UTILITIES SHALL BE CALLED TO DECIDE THE NEED TO DE-ENERGIZE OR INSULATE LINES, OR OTHERWISE PROTECT AGAINST ACCIDENTAL CONTACT.
11. ALL CURB RAMPS SHALL BE INSTALLED IN ACCORDANCE WITH NYSDOT STANDARD SHEETS 608-01.
12. TRAFFIC SIGNAL BACK PLATES SHALL BE PLACED ON ALL SIGNAL FACES. THE BACK PLATES SHALL HAVE A 5 INCH BORDER, WITH 3 INCH YELLOW REFLECTIVE TAPE AROUND THE BORDER. ALL WORK SHALL BE PAID FOR UNDER ITEM 680.81990003 AND PERFORMED IN ACCORDANCE WITH THE SPECIAL SPECIFICATION.
13. EXISTING INTERCONNECT SHALL BE REUSED.
14. LOOP DETECTOR AND PULLBOX ALONG WESTERN PORITON OF RT 102 AS SHOWN ON ASBUILT WERE NOT LOCATED DURING FIELD INSPECTION

PREPARED BY: ON: 11/26/14 — Gilberto Esposito

ALTERED BY: ON:

APPROVED BY 11/26/14
REGIONAL DIRECTOR — DATE
JOSEPH T. BROWN, P.E.
D262580

THIS SHEET SUPPLEMENTS ORIGINAL CONTRACT SHEET NO. 15

THE QUANTITY INCREASE, DECREASE, AND NET CHANGE ARE BEING PREPARED BY THE REGION OFFICE AND SHALL BE SHOWN ON THE AS-BUILT DRAWINGS.

THIS SIGNATURE IS FOR THE APPROVAL OF THE FOLLOWING FIELD CHANGE SHEETS: 15F35 TO 15F37.

AS BUILT REVISIONS
DESCRIPTION OF WORK:

SIGNATURE — DATE

TRAFFIC SIGNALS REQUIREMENTS CONTRACT 33
VARIOUS LOCATIONS - NASSAU AND SUFFOLK COUNTIES
3RD PACKAGE
COUNTY: NASSAU COUNTY

PIN 0809.28 | BRIDGES | CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

CONTRACT NUMBER D262580

TRAFFIC SIGNAL PLANS
RT 102 AT UNIONDALE AVE
UNIONDALE, NASSAU COUNTY
SIGNAL # 112.1

DRAWING NO. TSP-9
SHEET NO. 15F35

GIBBONS, ESPOSITO & BOYCE ENGINEERS, P.C.
PLANNING • DESIGN • CONSTRUCTION MANAGEMENT
50 CHARLES LINDBERGH BOULEVARD • SUITE 503 • UNIONDALE, N.Y. 11553
(516) 222-4522 FAX NO (516) 222-4572 E-MAIL GEBMGR@HI.COM

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 10

DOCUMENT NAME:

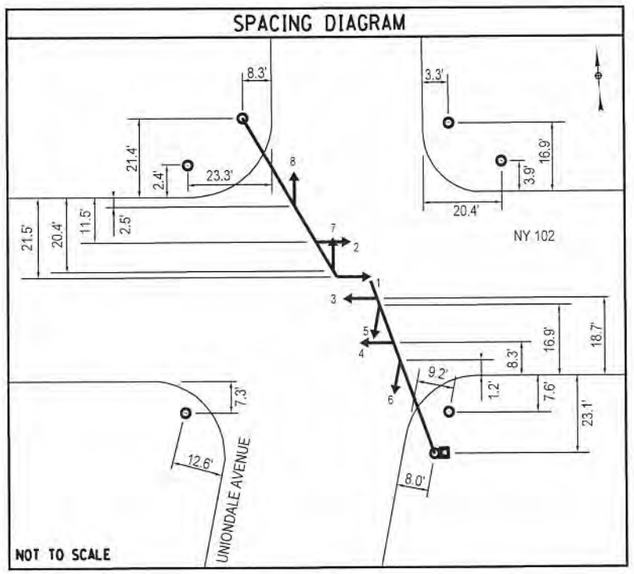
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

STATE OF NEW YORK — JOSEPH R. CELENTANO — NO. 087295 — PROFESSIONAL ENGINEER

FILE NAME = DGN$SYTIME(0)23456
DATE/TIME = DGN$USERNAME
USER = DGN$USERNAME

DESIGN SUPERVISOR J. CELENTANO — JOB MANAGER H. LUTZ — DESIGNED BY M. DOHERTY — DRAFTED BY M. DOHERTY — ESTIMATED BY M. DOHERTY — CHECKED BY R. MEDIATORE — J. CELENTANO

SPACING DIAGRAM

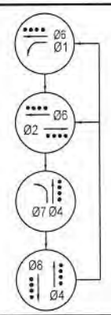


CLEARANCE TABLE

CLEARANCE	FROM / TO	R	G	~~G~~ G
1ST	R	R	Y	~~Y~~ Y
2ND		R	R	R
1ST	G	R	G	~~G~~ G
2ND		R	G	G
1ST	~~G~~ G	R	G	~~G~~ G
2ND		R	G	~~G~~ G

SEQUENCE TABLE

PHASE	1	2	3,4	5	6	7,8	9,10	11,12	13,14	15,16
	12"	12"	12"	12"	12"	12"	16" x 12"	16" x 12"	16" x 12"	16" x 12"
Ø1 + Ø6	~~G~~ G	G	R	R	R	R	DW	DW	DW	DW*
Ø2 + Ø6	G	G	G	R	R	R	DW	DW	DW*	DW*
Ø4 + Ø7	R	R	R	~~G~~ G	G	R	DW*	DW	DW	DW
Ø4 + Ø8	R	R	R	G	G	G	DW*	DW*	DW	DW
FLASH	Y	Y	Y	R	R	R	DARK	DARK	DARK	DARK



Ø2 & Ø6 SHALL BE PLACED ON MINIMUM RECALL

*SHALL BE A STEADY ~~G~~ G FOLLOWED BY A FLASHING ~~G~~ G * UPON ACTUATION

FACES 9,10, 11, 12, 13, 14, 15, 16 SHALL USE A R10-3e SIGN FROM FEDERAL MUTCD

FIELD CHANGE SHEET

THIS SHEET SUPPLEMENTS ORIGINAL CONTRACT SHEET NO. 15
SEE SHEET NUMBER 15F35 FOR APPROVAL

ESTIMATE OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY ESTIMATE	QUANTITY ACTUAL
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	7.2	
206.03100010	TRAFFIC SIGNAL CONDUIT EXCAVATION AND BACKFILL	LF	340	
608.0101	CONCRETE SIDEWALKS AND DRIVEWAYS	CY	7.0	
608.21	EMBEDDED DETECTABLE WARNING UNITS	SY	5.6	
619.1613	MAINTAIN TRAFFIC SIGNAL EQUIPMENT (REQUIREMENT C)	INTM	6	
635.0103	CLEANING AND PREPARATION OF PAVEMENT SURFACES - LINES	LF	2500	
645.5102	GROUND-MOUNTED SIGN PANELS LESS THAN OR EQUAL TO 30 SF, WITH Z-BARS	SF	24	
645.81	TYPE A SIGN POSTS	EA	3	
647.31	RELOCATE SIGN PANEL, SIGN PANEL ASSEMBLY SIZE I (UNDER 30 SQ FT)	EA	2	
680.5001	POLE EXCAVATION AND CONCRETE FOUNDATION	CY	19	
680.520103	CONDUIT, METAL STEEL, ZINC COATED, 1 NPS	LF	14	
680.520106	CONDUIT, METAL STEEL, ZINC COATED, 2 NPS	LF	150	
680.520110	CONDUIT, METAL STEEL, ZINC COATED, 4 NPS	LF	130	
680.520203	TRAFFIC SIGNAL CONDUIT, FLEXIBLE LIQUID TIGHT STEEL,1 NPS	LF	20	
680.54	INDUCTANCE LOOP INSTALLATION	LF	850	
680.6708	TRAFFIC SIGNAL POLE - POST TOP MOUNT, 8 FEET MOUNTING HEIGHT	EA	6	
680.700603	RISER ASSEMBLY, 1" DIAMETER	EA	1	
680.700606	RISER ASSEMBLY, 2" DIAMETER	EA	1	
680.71	SHIELDED LEAD-IN CABLE	LF	1100	
680.72	INDUCTANCE LOOP WIRE	LF	2200	
680.730214	SIGNAL CABLE 2 CONDUCTORS, 14 AWG	LF	135	
680.730514	SIGNAL CABLE 5 CONDUCTORS, 14 AWG	LF	2400	
680.731014	SIGNAL CABLE 10 CONDUCTORS, 14 AWG	LF	365	
680.79400010	REMOVE AUXILIARY POLE AND PEDESTRIAN POLE	EA	2	
680.80324515	INSTALL MICROCOMPUTER CABINET	EA	1	
680.810101	TRAFFIC SIGNAL SECTION - 12 IN, RED BALL, LED	EA	8	
680.810103	TRAFFIC SIGNAL SECTION - 12 IN, YELLOW BALL, LED	EA	8	
680.810104	TRAFFIC SIGNAL SECTION - 12 IN, YELLOW ARROW, LED	EA	2	
680.810105	TRAFFIC SIGNAL SECTION - 12 IN, GREEN BALL, LED	EA	8	
680.810106	TRAFFIC SIGNAL SECTION - 12 IN, GREEN ARROW, LED	EA	2	
680.810107	TRAFFIC SIGNAL SECTION - TYPE 1, 12 IN	EA	28	
680.8111	TRAFFIC SIGNAL BRACKET ASSEMBLY - 1 WAY	EA	6	
680.8112	TRAFFIC SIGNAL BRACKET ASSEMBLY - 2 WAY	EA	2	
680.81320010	LED PEDESTRIAN SIGNAL WITH COUNTDOWN TIMER - 16" X 18"	EA	8	
680.81990003	TRAFFIC SIGNAL BACK PLATES WITH YELLOW REFLECTIVE TAPE	EA	10	
680.8207	OVERHEAD SIGN ASSEMBLY, TYPE G	EA	2	
680.82165010	16 FOOT MAST ARM POLE WITH 50 FT MAST ARM	EA	2	
680.82260010	PEDESTRIAN PUSHBUTTON AND SIGN - WITH POST	EA	2	
680.82270010	ADA COMPLIANT PEDESTRIAN PUSHBUTTON W/ LATCHING LED INDICATION	EA	6	
680.94997008	FURNISH & INSTALL ELECTRICAL DISCONNECT GENERATOR TRANSFER SWITCH	EA	1	
680.95020615	SERVICE CABLE, 2 CONDUCTOR, 6 AWG	LF	100	
680.99020010	REMOVE STEEL ANCHOR BASE TRAFFIC SIGNAL POLE	LF	2	
680.99050010	REMOVE STEEL POLE MOUNTED SIGNAL CONTROL CABINET	LF	1	
680.99100010	REMOVE TRAFFIC SIGNAL SPAN WIRE ASSEMBLY WITH TRAFFIC SIGNAL HEADS	EA	1	
687.0201	YELLOW THERMOPLASTIC REFLECTORIZED PAVEMENT STRIPES	LF	200	
688.01	WHITE PREFORMED REFLECTORIZED PAVEMENT STRIPES	LF	2300	

* THE FOUNDATION FOR THE MAST ARM SHALL BE DETERMINED BY THE EIC

DESIGN SUPERVISOR J.CELENTANO JOB MANAGER H.LUTZ DESIGNED BY M.DOHERTY DRAFTED BY M.DOHERTY ESTIMATED BY M.DOHERTY CHECKED BY J.CELENTANO CHECKED BY R.MEDIATORE

FILE NAME = DGN=SYTIME0123456
DATE/TIME = DGN=USERNAME
USER = DGN=USERNAME

PREPARED BY: Gibbons, Esposito & Boyce ON: 11/19/14

ALTERED BY: ON:

STATE OF NEW YORK JOSEPH R. CELENTANO NO. 087235 PROFESSIONAL ENGINEER

GEB GIBBONS, ESPOSITO & BOYCE ENGINEERS, P.C.
PLANNING • DESIGN • CONSTRUCTION MANAGEMENT
50 CHARLES LINDBERGH BOULEVARD - SUITE 503 - UNIONDALE, N.Y. 11553
(516) 222-4522 FAX NO (516) 222-4572 E-MAIL GEB@GEBENGR.COM

AS BUILT REVISIONS
DESCRIPTION OF WORK:

SIGNATURE DATE

TRAFFIC SIGNALS REQUIREMENTS CONTRACT 33
VARIOUS LOCATIONS - NASSAU AND SUFFOLK COUNTIES
3RD PACKAGE

COUNTY: NASSAU COUNTY

PIN 0809.28

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

TRAFFIC SIGNAL PLAN
RT 102 AT UNIONDALE AVE
UNIONDALE, NASSAU COUNTY
SIGNAL # 112.1

CONTRACT NUMBER D262580

DRAWING NO. TSP-10
SHEET NO. 15F36

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 10

DOCUMENT NAME:

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

FIELD CHANGE SHEET

THIS SHEET SUPPLEMENTS ORIGINAL CONTRACT SHEET NO. 15
SEE SHEET NUMBER 15F35 FOR APPROVAL

SIGNAL OPERATION SPECIFICATIONS
TABLE OF SWITCH PACKS

SIGNAL NO. 112.1 COUNTY NASSAU

SWITCH PACK	FUNCTION	FACE NOS.		INDICATIONS	TERMINAL WIRING BOARD TERMINAL	WIRE COLOR CODE		
SP1	Ø1	1		~~Y~~ ~~G~~ GROUND WIRE	SP 1R SP 1Y SP 1G GROUND BUS	14/10C-1-O 14/10C-1-G 14/10C-1-W		
SP2	Ø6	1	2	R Y G GROUND WIRE	SP 2R SP 2Y SP 2G GROUND BUS	14/10C-1-R/B 14/10C-1-O/B 14/10C-1-G/B 14/10C-1-W/B	14/5C-1-R 14/5C-1-O 14/5C-1-G 14/5C-1-W	
SP3	Ø2	3	4	R Y G GROUND WIRE	SP 3R SP 3Y SP 3G GROUND BUS	14/15C-2-R 14/15C-2-O 14/15C-2-G 14/15C-2-W	14/5C-3-R 14/5C-3-O 14/5C-3-G 14/5C-3-W	
SP4	Ø7	5		~~Y~~ ~~G~~ GROUND WIRE	SP 4R SP 4Y SP 4G GROUND BUS	14/10C-2-O/B 14/10C-2-G/B 14/10C-2-W/B		
SP5	Ø8	7	8	R Y G GROUND WIRE / R Y G GROUND WIRE	SP 5R SP 5Y SP 5G GROUND BUS	14/5C-4-R 14/5C-4-O 14/5C-4-G 14/5C-4-W	14/5C-5-R 14/5C-5-O 14/5C-5-G 14/5C-5-W	
SP6	Ø4	5	6	R Y G GROUND WIRE	SP 6R SP 6Y SP 6G GROUND BUS	14/10C-1-R/B 14/10C-1-O/B 14/10C-1-G/B 14/10C-1-W/B	14/5C-6-R 14/5C-6-O 14/5C-6-G 14/5C-6-W	
SP7				GROUND WIRE	SP 7R SP 7Y SP 7G GROUND BUS			
SP8				GROUND WIRE	SP 8R SP 8Y SP 8G GROUND BUS			
SP9				GROUND WIRE	SP 9R SP 9Y SP 9G GROUND BUS			
SP10				GROUND WIRE	SP 10R SP 10Y SP 10G GROUND BUS			
SP11	PED "A" Ø4	9	10	DON'T WALK WALK GROUND WIRE	SP 11R SP 11Y SP 11G GROUND BUS	14/5C-7-R 14/5C-7-G 14/5C-7-W	14/5C-8-R 14/5C-8-G 14/5C-8-W	
SP12	PED "B" Ø8	11	12	DON'T WALK WALK GROUND WIRE	SP 12R SP 12Y SP 12G GROUND BUS	14/5C-9-R 14/5C-9-G 14/5C-9-W	14/5C-10-R 14/5C-10-G 14/5C-10-W	
SP13	PED "C" Ø2	13	14	DON'T WALK WALK GROUND WIRE	SP 13R SP 13Y SP 13G GROUND BUS	14/5C-11-R 14/5C-11-G 14/5C-11-W	14/5C-12-R 14/5C-12-G 14/5C-12-W	
SP14	PED "D" Ø6	15	16	DON'T WALK WALK GROUND WIRE	SP 14R SP 14Y SP 14G GROUND BUS	14/5C-13-R 14/5C-13-G 14/5C-13-W	14/5C-14-R 14/5C-14-G 14/5C-14-W	
SP15					SP 15R SP 15Y SP 15G GROUND BUS			
SP16					SP 16R SP 16Y SP 16G GROUND BUS			

SIGNAL OPERATION SPECIFICATIONS
TABLE OF INPUT WIRING

SIGNAL NO. 112.1 COUNTY NASSAU

FUNCTION	DETECTOR NUMBER	TYPE	TERMINAL BOARD WIRING
Ø1	DET 11	PRESENCE LOOP	1A , 1B
Ø2	DET 22	POINT LOOP	2A , 2B
Ø4	DET 43	PRESENCE LOOP	3A , 3B
Ø6	DET 54	POINT LOOP	4A , 4B
Ø7	DET 75	PRESENCE LOOP	5A , 5B
Ø8	DET 86	PRESENCE LOOP	6A , 6B
Ø8	DET 87	PRESENCE LOOP	7A , 7B
			8A , 8B
			9A , 9B
			10A , 10B
			11A , 11B
			12A , 12B
Ø2	201,202	PUSH BUTTON	13A , 13B
Ø4	401,402	PUSH BUTTON	14A , 14B
Ø6	601,602	PUSH BUTTON	15A , 15B
Ø8	801,802	PUSH BUTTON	16A , 16B
			17A , 17B
			18A , 18B
			19A , 19B
			20A , 20B
			21A , 21B
			22A , 22B
			23A , 23B
			24A , 24B
			25A , 25B
			26A , 26B
			27A , 27B
			28A , 28B

KEY FOR WIRE COLOR CODE

14/ 19C - 1 - R/B
XX/ XXC - X-X /X

AWG | NO. OF COND-UCTORS | CABLE NO. FOR THE GIVEN COND-UCTOR SIZE | COLOR OF WIRE | TRACER COLOR

COLOR: B-BLACK, BL-BLUE, G-GREEN, O-ORANGE, R-RED, W-WHITE

LEGEND

G=CIRCULAR GREEN
R=CIRCULAR RED
~~G~~=RIGHT GREEN ARROW
~~R~~=LEFT RED ARROW
~~Y~~=LEFT YELLOW ARROW
Y=CIRCULAR YELLOW
~~G~~=LEFT GREEN ARROW
~~G~~=VERTICAL GREEN ARROW
~~R~~=RIGHT RED ARROW
~~Y~~=RIGHT YELLOW ARROW

PREPARED BY: Gibbons, Esposito & Boyce
ON: 11/19/11

ALTERED BY:
ON:

STATE OF NEW YORK JOSEPH R. CELENTANO NO. 087235 PROFESSIONAL ENGINEER

AS BUILT REVISIONS
DESCRIPTION OF WORK:

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TRAFFIC SIGNALS REQUIREMENTS CONTRACT 33
VARIOUS LOCATIONS - NASSAU AND SUFFOLK COUNTIES
3RD PACKAGE
COUNTY: NASSAU COUNTY

PIN 0809.28 | BRIDGES | CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

MICROCOMPUTER SIGNAL OPERATIONS SPEC
RT 102 AT UNIONDALE AVE
UNIONDALE, NASSAU COUNTY
SIGNAL # 112.1

CONTRACT NUMBER D262580
DRAWING NO. MSOS-4
SHEET NO. 15F37

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 10
DOCUMENT NAME:

DESIGN SUPERVISOR J. CELENTANO JOB MANAGER J. PURGA DESIGNED BY M. DOHERTY DRAFTED BY M. DOHERTY ESTIMATED BY M. DOHERTY CHECKED BY J. CELENTANO CHECKED BY R. MEDIATORE
FILE NAME = DGN$SYTIME\D123456
DATE/TIME = DGN$USERNAME
USER = DGN$USERNAME

Phase Times [1.1.1]

	1	2	3	4	5	6	7	8
Min Green		30	10					
Gap, Ext		5	3					
Max 1		55	23					
Max 2								
Yel Clearance	3.5	4	3.5	3.5	3.5	3.5	3.5	3.5
Red Clearance	1.5	2	2	1.5	1.5	1.5	1.5	1.5
Walk			7					
Ped Clearance			12					
Red Revert								
Add Initial		2						
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								
Options [1.1.2]	1	2	3	4	5	6	7	8
Enable		ON	ON					
Min Recall		ON						
Max Recall								
Ped Recall								
Soft Recall								
Lock Calls			ON					
Auto Flash Entry								
Auto Flash Exit								
Dual Entry		ON		ON		ON		ON
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								
Options+ [1.1.3]	1	2	3	4	5	6	7	8
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay								

3307 RTE 102 @ California Ave., sig 112.2

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	0	0	1	1	13	0	0	13	1	25	0	0	0	1	37	0	0	0	1
2	0	0	2	1	14	0	0	14	1	26	0	0	0	1	38	0	0	0	1
3	0	0	3	1	15	0	0	15	1	27	0	0	0	1	39	0	0	0	1
4	0	0	4	1	16	0	0	16	1	28	0	0	0	1	40	0	0	0	1
5	0	0	5	1	17	0	0	17	1	29	0	0	0	1	41	0	0	0	1
6	0	0	6	1	18	0	0	18	1	30	0	0	0	1	42	0	0	0	1
7	0	0	7	1	19	0	0	19	1	31	0	0	0	1	43	0	0	0	1
8	0	0	8	1	20	0	0	20	1	32	0	0	0	1	44	0	0	0	1
9	0	0	9	1	21	0	0	21	1	33	0	0	0	1	45	0	0	0	1
10	0	0	10	1	22	0	0	22	1	34	0	0	0	1	46	0	0	0	1
11	0	0	11	1	23	0	0	23	1	35	0	0	0	1	47	0	0	0	1
12	0	0	12	1	24	0	0	24	1	36	0	0	0	1	48	0	0	0	1

Split		1	2	3	4	5	6	7	8	Split		1	2	3	4	5	6	7	8
1	Coor	0	0	0	0	0	0	0	0	13	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
2	Coor	0	0	0	0	0	0	0	0	14	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
3	Coor	0	0	0	0	0	0	0	0	15	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
4	Coor	0	0	0	0	0	0	0	0	16	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
5	Coor	0	0	0	0	0	0	0	0	17	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
6	Coor	0	0	0	0	0	0	0	0	18	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
7	Coor	0	0	0	0	0	0	0	0	19	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
8	Coor	0	0	0	0	0	0	0	0	20	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
9	Coor	0	0	0	0	0	0	0	0	21	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
10	Coor	0	0	0	0	0	0	0	0	22	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
11	Coor	0	0	0	0	0	0	0	0	23	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
12	Coor	0	0	0	0	0	0	0	0	24	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON

Page#	
1	8 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
1A&1B	16 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
2	Overlaps; Channel Settings; Coord Alt Table+ (values not associated with time-of-day)
3	Detection; Sample Time and Unit Parameters related to detection
4	Preemption and Alternate Phase Time and Phase Options
5	Annual Schedule
6	Day Plans; Action Tables; Coord Alt Table+ (values varied by time-of-day)
7	Communications; Secutiry; I/O Setup
8	Misc - Events/Alarms; Call/Inhibit/Redirect; P/OLAP Auto Flash; CIC; Misc Unit Param

3307

Loc 21

Ring/Startup [1.1.4]

Phs	Ring	Start	Enable
1	1	Red	OFF
2	1	Green	ON
3	1	Red	ON
4	1	Red	OFF
5	2	Red	OFF
6	2	Red	OFF
7	2	Red	OFF
8	2	Red	OFF

Coord Modes [2.1]

Test OpMode	0
Correction	SHRT/LNG
Maximum	MAX 1
Force-Off	FIXED
Closed Loop	ON
Stop-in-Walk	OFF
Auto Reset	ON
Expand Splt	OFF
Ped Recycle	NO_RECYCLE
Before	TIMED
After	TIMED

Auto Flash [1.4.1]

Auto Flash	PH OVER
Flash Yel	45
Flash Red	20

Unit Params [1.2.1]

Phase Mode	STD8
IO Mode	User
Loc Flsh Start	Red
Start Flash(s)	0
Start AllRed(s)	6
Yellow < 3"	OFF
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	1
Auxswitch	STOPTM
SDLC Retry	0
TS2 Det Faults	ON
Auto Ped Clear	OFF
SDLC Retry	0

03/27/23 **Page 1**

Attachment S-203

Times [1.1.1]	1	2	3	4	5	6	7	8
Min Green		30	10					
Gap, Ext		5	3					
Max 1		55	23					
Max 2								
Yel Clearance	3.5	4	3.5	3.5	3.5	3.5	3.5	3.5
Red Clearance	1.5	2	2	1.5	1.5	1.5	1.5	1.5
Walk			7					
Ped Clearance			12					
Red Revert								
Add Initial		2						
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								
Options [1.1.2]	1	2	3	4	5	6	7	8
Enable		ON	ON					
Min Recall		ON						
Max Recall								
Ped Recall								
Soft Recall								
Lock Calls			ON					
Auto Flash Entry								
Auto Flash Exit								
Dual Entry		ON		ON		ON		ON
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								
Options+ [1.1.3]	1	2	3	4	5	6	7	8
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay	0	0	0	0	0	0	0	0

Coord Patterns [2.4] and Split Tables [2.7.1]

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	0	0	1	1	13	0	0	13	1	25	0	0	0	1	37	0	0	0	1
2	0	0	2	1	14	0	0	14	1	26	0	0	0	1	38	0	0	0	1
3	0	0	3	1	15	0	0	15	1	27	0	0	0	1	39	0	0	0	1
4	0	0	4	1	16	0	0	16	1	28	0	0	0	1	40	0	0	0	1
5	0	0	5	1	17	0	0	17	1	29	0	0	0	1	41	0	0	0	1
6	0	0	6	1	18	0	0	18	1	30	0	0	0	1	42	0	0	0	1
7	0	0	7	1	19	0	0	19	1	31	0	0	0	1	43	0	0	0	1
8	0	0	8	1	20	0	0	20	1	32	0	0	0	1	44	0	0	0	1
9	0	0	9	1	21	0	0	21	1	33	0	0	0	1	45	0	0	0	1
10	0	0	10	1	22	0	0	22	1	34	0	0	0	1	46	0	0	0	1
11	0	0	11	1	23	0	0	23	1	35	0	0	0	1	47	0	0	0	1
12	0	0	12	1	24	0	0	24	1	36	0	0	0	1	48	0	0	0	1

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
2	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
3	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
4	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
5	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
6	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
7	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
8	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
9	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
10	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
11	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
12	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
13	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
14	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
15	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
16	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

User Phase Mode

Phase>8 or Rings > 2

Coord Modes [2.1]	
Test OpMode	0
Correction	SHRT/LNG
Maximum	MAX 1
Force-Off	FIXED
Closed Loop	ON
Stop-in-Walk	OFF
Auto Reset	ON
Expand Splt	OFF
Ped Recycle	NO_RECYCLE
Before	TIMED
After	TIMED
Auto Flash [1.4.1]	
Auto Flash	PH OVER
Flash Yel	45
Flash Red	20
Unit Params [1.2.1]	
Phase Mode	STD8
IO Mode	User
Loc Flsh Start	Red
Start Flash(s)	0
Start AllRed(s)	6
Yellow < 3"	OFF
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	1
Auxswitch	STOPTM
SDLC RetryTm	0
TS2 Det Faults	ON
Auto Ped Clear	OFF

<- Mode NON is Blank

3307 RTE 102 @ California Ave., sig 112.2

03/27/23 **Page 1A**

Times [1.1.1]	9	10	11	12	13	14	15	16
Min Green								
Gap, Ext								
Max 1								
Max 2								
Yel Clearance	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Red Clearance	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Walk								
Ped Clearance								
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								

Options [1.1.2]	9	10	11	12	13	14	15	16
Enable								
Min Recall								
Max Recall								
Ped Recall								
Soft Recall								
Lock Calls								
Auto Flash Entry								
Auto Flash Exit								
Dual Entry								
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								

Options+ [1.1.3]	9	10	11	12	13	14	15	16
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay								

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1] — Ring/Startup [1.1.4]

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Phs	Ring	Start
17	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	2	1	Green
18	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	4	1	Red
19	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	6	2	Red
20	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	2	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	8	2	Red
21	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	10		Red
22	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	12		Red
23	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	14		Red
24	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	16		Red

Concurrency [1.1.4]

Phs	Concurrent Phases										Phs	Concurrent Phases								
1	5	6	0	0	0	0	0	0			9	0	0	0	0	0	0	0	0	
2	5	6	0	0	0	0	0	0			10	0	0	0	0	0	0	0	0	
3	7	8	0	0	0	0	0	0			11	0	0	0	0	0	0	0	0	
4	7	8	0	0	0	0	0	0			12	0	0	0	0	0	0	0	0	
5	1	2	0	0	0	0	0	0			13	0	0	0	0	0	0	0	0	
6	1	2	0	0	0	0	0	0			14	0	0	0	0	0	0	0	0	
7	3	4	0	0	0	0	0	0			15	0	0	0	0	0	0	0	0	
8	3	4	0	0	0	0	0	0			16	0	0	0	0	0	0	0	0	

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Note: Expanded Splits are not used because "Expanded Splits" is OFF

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	0	0	1	1	25	0	0	0	1
2	0	0	2	1	26	0	0	0	1
3	0	0	3	1	27	0	0	0	1
4	0	0	4	1	28	0	0	0	1
5	0	0	5	1	29	0	0	0	1
6	0	0	6	1	30	0	0	0	1
7	0	0	7	1	31	0	0	0	1
8	0	0	8	1	32	0	0	0	1
9	0	0	9	1	33	0	0	0	1
10	0	0	10	1	34	0	0	0	1
11	0	0	11	1	35	0	0	0	1
12	0	0	12	1	36	0	0	0	1
13	0	0	13	1	37	0	0	0	1
14	0	0	14	1	38	0	0	0	1
15	0	0	15	1	39	0	0	0	1
16	0	0	16	1	40	0	0	0	1
17	0	0	17	1	41	0	0	0	1
18	0	0	18	1	42	0	0	0	1
19	0	0	19	1	43	0	0	0	1
20	0	0	20	1	44	0	0	0	1
21	0	0	21	1	45	0	0	0	1
22	0	0	22	1	46	0	0	0	1
23	0	0	23	1	47	0	0	0	1
24	0	0	24	1	48	0	0	0	1

Expanded Splits	**OFF**

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

24	Coord	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON
		0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
2	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
3	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
4	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
5	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
6	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
7	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
8	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
9	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
10	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
11	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
12	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
13	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
14	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
15	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
16	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
17	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
18	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
19	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
20	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
21	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
22	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
23	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

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Overlap 1-16 Program Parms & Parm+ [1.5.2.1] [1.5.2.2]

Overlap Conflict Lock: OFF | Overlap Lock Inhibit: OFF | Parent Ph Clearance: OFF | Extra Included Ph: ON

	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
1	Modifier Ø								Grn		9	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
A	Conflict Olap								Red	1.5	I	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
2	Modifier Ø								Grn		10	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
B	Conflict Olap								Red	1.5	J	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
3	Modifier Ø								Grn		11	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
C	Conflict Olap								Red	1.5	K	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
4	Modifier Ø								Grn		12	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
D	Conflict Olap								Red	1.5	L	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
5	Modifier Ø								Grn		13	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
E	Conflict Olap								Red	1.5	M	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
6	Modifier Ø								Grn		14	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
F	Conflict Olap								Red	1.5	N	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
7	Modifier Ø								Grn		15	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
G	Conflict Olap								Red	1.5	O	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	
	Included Ø								Type	NORMAL		Included Ø								Type	NORMAL
8	Modifier Ø								Grn		16	Modifier Ø								Grn	
	Conflict Ø								Yel	3.5		Conflict Ø								Yel	3.5
H	Conflict Olap								Red	1.5	P	Conflict Olap								Red	1.5
	Conflict Ped								LG			Conflict Ped								LG	

Channel Settings [1.8.1]

.....Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Phase / Olap #			2		3		3																	
Channel Type	VEH	VEH	VEH	VEH	PED	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH
Channel Flash	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	DRK	DRK	DRK	DRK	DRK	DRK	DRK	DRK
Alt Hz																								

Channel+ Settings [1.8.4]

.....Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Flash Red+																								
Flash Yellow+																								
Flash Green+																								
Flash Inh Red+																								
Olap Ovrd																								

Coord Transition, CoorPhs [2.5]

Pat#	Short	Long	Dwell	No Shortway Ø				E-Yld	Offset	RetHld	Float	Min Veh Perm	Min Ped Perm
1	12	22							EndGRN				
2	12	22							EndGRN				
3	12	22							EndGRN				
4	12	22							EndGRN				
5	12	22							EndGRN				
6	12	22							EndGRN				
7	12	22							EndGRN				
8	12	22							EndGRN				
9	12	22							EndGRN				
10	12	22							EndGRN				
11	12	22							EndGRN				
12	12	22							EndGRN				
13	12	22							EndGRN				
14	12	22							EndGRN				
15	12	22							EndGRN				
16	12	22							EndGRN				
17	12	22							EndGRN				
18	12	22							EndGRN				
19	12	22							EndGRN				
20	12	22							EndGRN				
21	12	22							EndGRN				
22	12	22							EndGRN				
23	12	22							EndGRN				
24	12	22							EndGRN				
25									BegGRN				
26									BegGRN				
27									BegGRN				
28									BegGRN				
29									BegGRN				
30									BegGRN				
31									BegGRN				
32									BegGRN				
33									BegGRN				
34									BegGRN				
35									BegGRN				
36									BegGRN				
37									BegGRN				
38									BegGRN				
39									BegGRN				
40									BegGRN				
41									BegGRN				
42									BegGRN				
43									BegGRN				
44									BegGRN				
45									BegGRN				
46									BegGRN				
47									BegGRN				
48									BegGRN				

Channel Params[1.8.3]

C1 IO Mode	User	Single BIU Map	SINGLE	Invert Rail Input	OFF

Veh Par 1-64 [5.1]

Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time
1	2						45	50	255
2	2						45	50	255
3	3						45	50	255
4	3						45	50	255
5							45	50	255
6							45	50	255
7							45	50	255
8							45	50	255
9							45	50	255
10							45	50	255
11							45	50	255
12							45	50	255
13							45	50	255
14							45	50	255
15							45	50	255
16							45	50	255
17							45	50	2
18							45	50	2
19							45	50	
20							45	50	
21							45	50	
22							45	50	
23							45	50	
24							45	50	
25							45	50	
26							45	50	
27							45	50	
28							45	50	
29							45	50	
30							45	50	
31							45	50	
32							45	50	

Veh Par 1-64 [5.1]

Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time
33							45	50	
34							45	50	
35							45	50	
36							45	50	
37							45	50	
38							45	50	
39							45	50	
40							45	50	
41							45	50	
42							45	50	
43							45	50	
44							45	50	
45							45	50	
46							45	50	
47							45	50	
48							45	50	
49							45	50	
50							45	50	
51							45	50	
52							45	50	
53							45	50	
54							45	50	
55							45	50	
56							45	50	
57							45	50	
58							45	50	
59							45	50	
60							45	50	
61							45	50	
62							45	50	
63							45	50	
64							45	50	

Vehicle Options 1-64 [5.2]

Det #	Call	Ext	Que	Add Init	Red Lock	Yell Lock	occ	vol
1	ON	ON		ON				
2	ON	ON		ON				
3	ON	ON		ON				
4	ON	ON		ON				
5	ON	ON		ON				
6	ON	ON		ON				
7	ON	ON		ON				
8	ON	ON		ON				
9	ON	ON		ON				
10	ON	ON		ON				
11	ON	ON		ON				
12	ON	ON		ON				
13	ON	ON		ON				
14	ON	ON		ON				
15	ON	ON		ON				
16	ON	ON		ON				
17	ON	ON		ON				
18	ON	ON		ON				
19	ON	ON		ON				
20	ON	ON		ON				
21	ON	ON		ON				
22	ON	ON		ON				
23	ON	ON		ON				
24	ON	ON		ON				
25	ON	ON		ON				
26	ON	ON		ON				
27	ON	ON		ON				
28	ON	ON		ON				
29	ON	ON		ON				
30	ON	ON		ON				
31	ON	ON		ON				
32	ON	ON		ON				

Vehicle Options 1-64 [5.2]

Det #	Call	Ext	Que	Add AddInit	Red Lock	Yell Lock	occ	vol
33	ON	ON		ON				
34	ON	ON		ON				
35	ON	ON		ON				
36	ON	ON		ON				
37	ON	ON		ON				
38	ON	ON		ON				
39	ON	ON		ON				
40	ON	ON		ON				
41	ON	ON		ON				
42	ON	ON		ON				
43	ON	ON		ON				
44	ON	ON		ON				
45	ON	ON		ON				
46	ON	ON		ON				
47	ON	ON		ON				
48	ON	ON		ON				
49	ON	ON		ON				
50	ON	ON		ON				
51	ON	ON		ON				
52	ON	ON		ON				
53	ON	ON		ON				
54	ON	ON		ON				
55	ON	ON		ON				
56	ON	ON		ON				
57	ON	ON		ON				
58	ON	ON		ON				
59	ON	ON		ON				
60	ON	ON		ON				
61	ON	ON		ON				
62	ON	ON		ON				
63	ON	ON		ON				
64	ON	ON		ON				

Parameters+ 1-64 [5.3]

Det #	oc G	oc Y	oc R	Dlay 1	Dlay 2	Type	Src
1						NORM	
2						NORM	
3						NORM	
4						NORM	
5						NORM	
6						NORM	
7						NORM	
8						NORM	
9						NORM	
10						NORM	
11						NORM	
12						NORM	
13						NORM	
14						NORM	
15						NORM	
16						NORM	
17						NORM	
18						NORM	
19						NORM	
20						NORM	
21						NORM	
22						NORM	
23						NORM	
24						NORM	
25						NORM	
26						NORM	
27						NORM	
28						NORM	
29						NORM	
30						NORM	
31						NORM	
32						NORM	

Parameters+ 1-64 [5.3]

Det #	occ Grn	occ Yell	occ Red	Dlay 1	Dlay 2	Type	Src
33						NORM	
34						NORM	
35						NORM	
36						NORM	
37						NORM	
38						NORM	
39						NORM	
40						NORM	
41						NORM	
42						NORM	
43						NORM	
44						NORM	
45						NORM	
46						NORM	
47						NORM	
48						NORM	
49						NORM	
50						NORM	
51						NORM	
52						NORM	
53						NORM	
54						NORM	

Parameters+ 1-64 [5.3]

Det #	occ Grn	occ Yell	occ Red	Dlay 1	Dlay 2	Type	Src
55						NORM	
56						NORM	
57						NORM	
58						NORM	
59						NORM	
60						NORM	
61						NORM	
62						NORM	
63						NORM	
64						NORM	

Ped Det Parms [5.4]

Det #	Call Ø	No Act	Max Pres	Err Cnt
1	3		15	
2	3		15	
3	3		15	
4	3		15	
5			15	
6			15	
7			15	
8			15	

Unit Paramters [1.2.1]

TS2 Det Faults	ON
Vol/Occ Report Parm [1.5.8]	
Vol/Occ Period Minutes	0
Vol/Occ Period Minutes	15

Preemption Times [3.1], Options+ [3.6]

Pre #	Enable	Type	Output	Delay	MinDura
1	ON	RAIL	Dwell		
2	ON	RAIL	Dwell		
3	ON	EMERG	Dwell		
4	ON	EMERG	Dwell		
5	ON	EMERG	Dwell		
6	ON	EMERG	Dwell		

Pre #	MaxPres	MinGrn	MinWlk	PedClr	Co+Pre
1					ON
2					ON
3					ON
4					ON
5					ON
6					ON

Pre #	Track Grn	Min Dwell	Ext Dwell	PedClr+	Yel
1		2			
2		2			
3		2			
4		2			
5		2			
6		2			

Pre #	Red	Pattern	Skip
1			OFF
2			OFF
3			OFF
4			OFF
5			OFF
6			OFF

Low Priority Preempts

Pre #	Type	Min	Max
7	OFF		
8	OFF		
9	OFF		
10	OFF		

Unit Parameters [1.2.1]

Stop Timer Over Preempt	OFF
Preempt or Ext Output	PRE
Max Seek Track Time	
Max Seek Dwell Time	

Channel Parameters [1.8.3]

D Conn Mappings	None
Pre Invert Rail Input	OFF

Track Clear Phases [3.2], Track Clear Overlaps+ [3.5]

Pre #	Track Phases	Track Overlaps
1		
2		
3		
4		
5		
6		

Dwell Phases [3.2] and Overlaps+ [3.5]

Pre #		
1	Phases	
	Overlap	
	Peds	
2	Phases	
	Overlap	
	Peds	
3	Phases	
	Overlap	
	Peds	
4	Phases	
	Overlap	
	Peds	
5	Phases	
	Overlap	
	Peds	
6	Phases	
	Overlap	
	Peds	

Exit Phases [3.2]

Pre #	Exit Phase
1	
2	
3	
4	
5	
6	

Preemption Options+ [3.6]

Pre #	Lock	Override Auto Flsh	Override Higher	Flsh Dwell	Link
1	ON	ON	ON	OFF	
2	ON	ON	ON	OFF	
3	ON	ON	ON	OFF	
4	ON	ON	ON	OFF	
5	ON	ON	ON	OFF	
6	ON	ON	ON	OFF	

Alt# 1 Times Table [1.1.6.1.2]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 2 Times Table [1.1.6.1.2]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 3 Times Table [1.1.6.1.3]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 1 Options Table [1.1.6.2.1]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 1 Veh Parameters [5.5.1.1]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Swiitch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 1 Veh Options [5.5.1.2]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 1 Veh Parameters+ [5.5.1.3]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 1 Ped Parameters+ [5.5.1.4]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Alt# 2 Options Table [1.1.6.2.2]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 3 Options Table [1.1.6.2.3]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 4 Options Table [1.1.6.2.4]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 2 Veh Parameters [5.5.2.1]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Swiitch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 2 Veh Options [5.5.2.2]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 2 Veh Parameters+ [5.5.2.3]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 2 Ped Parameters+ [5.5.2.4]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Annual Schedule [4.3]	Month of Year												Day of Week							Date																											Day Plan	Link To
1	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
2	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
3	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
4	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
5	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
6	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
7	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
8	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
9	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
10	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
11	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
12	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
13	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
14	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
15	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
16	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
17	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
18	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
19	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
20	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
21	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
22	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
23	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	
24	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	

Day Plans [4.4]

Day Plan 1								Day Plan 2								Day Plan 3							
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0

Day Plan 4								Day Plan 5								Day Plan 6							
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0

Day Plan 7								Day Plan 8								Day Plan 9							
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0

Day Plan 10								Day Plan 11								Day Plan 12							
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0

Day Plan 13								Day Plan 14								Day Plan 15							
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0

Action Table [4.5]

Act#	Pat#	A1	A2	A3	S1	S2	S3	S4	S5	S6	S7	S8
1	1											
2	2											
3	3											
4	4											
5	5											
6	6											
7	7											
8	8											
9	9											
10	10											
11	11											
12	12											
13	13											
14	14											
15	15											
16	16											
17	17											
18	18											
19	19											
20	20											
21	21											
22	22											
23	23											
24	24											
25												
26												
27												
28												
29												
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
48												
98												
99												
100	255											

Coord Alternate Tables - Pat+ [2.6]

Pat#	ØOpt	ØTime	DetG	Call Inh	CIC	CNA1	Overlap Off 1	2	3	4	5	6	7	8	Dia	Max2
1															DFT	
2															DFT	
3															DFT	
4															DFT	
5															DFT	
6															DFT	
7															DFT	
8															DFT	
9															DFT	
10															DFT	
11															DFT	
12															DFT	
13															DFT	
14															DFT	
15															DFT	
16															DFT	
17															DFT	
18															DFT	
19															DFT	
20															DFT	
21															DFT	
22															DFT	
23															DFT	
24															DFT	
25															DFT	
26															DFT	
27															DFT	
28															DFT	
29															DFT	
30															DFT	
31															DFT	
32															DFT	
33															DFT	
34															DFT	
35															DFT	
36															DFT	
37															DFT	
38															DFT	
39															DFT	
40															DFT	
41															DFT	
42															DFT	
43															DFT	
44															DFT	
45															DFT	
46															DFT	
47															DFT	
48															DFT	

C1-USER IO Map [1.8.9.1 In]

I1-1	1	Veh Call 1
I1-2	2	Veh Call 2
I1-3	3	Veh Call 3
I1-4	4	Veh Call 4
I1-5	129	Ped Call 1
I1-6	130	Ped Call 2
I1-7	131	Ped Call 3
I1-8	132	Ped Call 4
I2-1	189	Unused
I2-2	189	Unused
I2-3	189	Unused
I2-4	189	Unused
I2-5	189	Unused
I2-6	189	Unused
I2-7	189	Unused
I2-8	189	Unused
I3-1	189	Unused
I3-2	189	Unused
I3-3	189	Unused
I3-4	189	Unused
I3-5	189	Unused
I3-6	189	Unused
I3-7	189	Unused
I3-8	189	Unused
I4-1	189	Unused
I4-2	189	Unused
I4-3	189	Unused
I4-4	189	Unused
I4-5	189	Unused
I4-6	189	Unused
I4-7	229	33xCMUStop
I4-8	228	33xFlashSns
I5-1	189	Unused
I5-2	189	Unused
I5-3	189	Unused
I5-4	189	Unused
I5-5	189	Unused
I5-6	189	Unused
I5-7	189	Unused
I5-8	189	Unused
I6-1	189	Unused
I6-2	189	Unused
I6-3	189	Unused
I6-4	189	Unused
I6-5	189	Unused
I6-6	189	Unused
I6-7	189	Unused
I6-8	189	Unused

C1-USER IO Map [1.8.9.2 Out]

O1-1	1	Ch1 Red
O1-2	49	Ch1 Green
O1-3	2	Ch2 Red
O1-4	26	Ch2 Yellow
O1-5	50	Ch2 Green
O1-6	3	Ch3 Red
O1-7	27	Ch3 Yellow
O1-8	51	Ch3 Green
O2-1	4	Ch4 Red
O2-2	52	Ch4 Green
O2-3	5	Ch5 Red
O2-4	29	Ch5 Yellow
O2-5	53	Ch5 Green
O2-6	6	Ch6 Red
O2-7	30	Ch6 Yellow
O2-8	54	Ch6 Green
O3-1	7	Ch7 Red
O3-2	55	Ch7 Green
O3-3	8	Ch8 Red
O3-4	32	Ch8 Yellow
O3-5	56	Ch8 Green
O3-6	9	Ch9 Red
O3-7	33	Ch9 Yellow
O3-8	57	Ch9 Green
O4-1	10	Ch10 Red
O4-2	58	Ch10 Green
O4-3	11	Ch11 Red
O4-4	35	Ch11 Yellow
O4-5	59	Ch11 Green
O4-6	12	Ch12 Red
O4-7	36	Ch12 Yellow
O4-8	60	Ch12 Green
O5-1	28	Ch4 Yellow
O5-2	34	Ch10 Yellow
O5-3	25	Ch1 Yellow
O5-4	31	Ch7 Yellow
O5-5	39	Ch15 Yellow
O5-6	63	Ch15 Green
O5-7	115	Not Used
O5-8	114	Watchdog
O6-1	115	Not Used
O6-2	115	Not Used
O6-3	13	Ch13 Red
O6-4	37	Ch13 Yellow
O6-5	61	Ch13 Green
O6-6	14	Ch14 Red
O6-7	38	Ch14 Yellow
O6-8	62	Ch14 Green

C1-USER IO Map [1.8.9.2 Out]

O7-1	40	Ch16 Yellow
O7-2	16	Ch16 Red
O7-3	64	Ch16 Green
O7-4	115	Not Used
O7-5	115	Not Used
O7-6	115	Not Used
O7-7	115	Not Used
O7-8	15	Ch15 Red

C11S-USER IO Map [1.8.9.1 In]

I4-1		
I4-2		
I4-3		
I4-4		
I7-1	189	Unused
I7-2	189	Unused
I7-3	189	Unused
I7-4	189	Unused
I7-5	189	Unused
I7-6	189	Unused
I7-7	189	Unused
I7-8	189	Unused
I8-1	189	Unused
I8-2	189	Unused
I8-3	189	Unused
I8-4	189	Unused
I8-5	189	Unused
I8-6	189	Unused
I8-7	189	Unused
I8-8	189	Unused

C11S-USER IO Map [1.8.9.2 Out]

O8-1	115	Not Used
O8-2	115	Not Used
O8-3	115	Not Used
O8-4	115	Not Used
O8-5	115	Not Used
O8-6	115	Not Used
O8-7	115	Not Used
O8-8	115	Not Used

IO Logic [1.8.7]

Op1	Result		O1Fcn	Inv1	IO1	Opn1	O2Fcn	Inv2	IO2	Opn2	O3Fcn	Inv3	IO3	Opn3	Dly	Sec
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0

Security Access Levels [8.2]

1	SWLOAD	22	None	43	None
2	SECURE	23	None	44	None
3	None	24	None	45	None
4	None	25	None	46	None
5	None	26	None	47	None
6	None	27	None	48	None
7	None	28	None	49	None
8	None	29	None	50	None
9	None	30	None	51	None
10	None	31	None	52	None
11	None	32	None	53	None
12	None	33	None	54	None
13	None	34	None	55	None
14	None	35	None	56	None
15	None	36	None	57	None
16	None	37	None	58	None
17	None	38	None	59	None
18	None	39	None	60	None
19	None	40	None	61	None
20	None	41	None	62	None
21	None	42	None	63	None
				64	None

Com Parameters [6.1]

Station ID	3307
Group ID	
Master ID	0
Backup Time	0

SysUp Modem [6.1]

Enable Modem	OFF
Idle Time	0
Dial Time	0
Tel:	
Alt:	

2070 Port Parms [6.2]

Port	Baud Rate	FCM
SP1	9600	MODE 6
SP2	9600	MODE 6
SP3	19200	MODE 6
SP4	38400	MODE 6
SP5	1200	AUTO
SP6	1200	AUTO
SP7	1200	AUTO
SP8	1200	AUTO

2070 IP 1 Addressing [6.5]

	Addressing			
Addr	0	0	0	0
Mask	0	0	0	0
Brdcst	0	0	0	0
GtWay	0	0	0	0
Port	0			

2070 IP 2 Addressing [6.5]

	Addressing			
Addr	0	0	0	0
Mask	0	0	0	0
Brdcst	0	0	0	0
GtWay	0	0	0	0
Port	0			

2070 Port Binding Ports [6.6]

	Port	Echo	Mode
ASYNC1	SP1	OFF	0
ASYNC2	SP2	OFF	0
ASYNC3	SP3	OFF	0
ASYNC4	SP4	OFF	0
SYNC1	SP5S	SYNC3	OFF
SYNC2	OFF	SYNC4	OFF

2070 Port Binding Functions [6.6]

Function	Channel	Function	Channel
TS2/CVM	None	SYSUp	ASYNC2
CMU/MMU	None	SYSDown	ASYNC1
Opticom	None	Shell	None
Loop Det.	None		
GPS	-		

#	Event / Alarm	Ev	Alr
1	Power Up Alarm.		
2	Stop Timing	ON	ON
3	TS1 Cabinet Door	ON	ON
4	Coordination Failure	ON	ON
5	External Alarm # 1		
6	External Alarm # 2		
7	External Alarm # 3		
8	External Alarm # 4		
9	Closed Loop Disabled		
10	External Alarm # 5		
11	External Alarm # 6		
12	Manual Control Enable	ON	
13	Coord Free Input	ON	
14	Local Flash Input	ON	
15	MMU Flash	ON	
16	CMU Flash	ON	
17	Cycle Fault	ON	
18	Cycle Failure	ON	
19	Coordination Fault	ON	
20	Controller Fault	ON	
21	Detector SDLC Failure	ON	
22	MMU SDLC Failure	ON	
23	Critical SDLC Failure	ON	
24	Reserved	ON	
25	EEPROM CRC Fault	ON	
26	Detector Diagnostic Failur	ON	ON
27	BIU Detector Failure	ON	
32	Queue detector alarm	ON	
29	Ped Detector Fault	ON	ON
30	Coord Diagnostic Fault	ON	ON
41	TempAlert Probe Ch. A		
42	TempAlert Probe Ch. B		
47	Coord Active	ON	ON
48	Preempt Active	ON	ON
49	Preempt 1 Input	ON	
50	Preempt 2 Input	ON	
51	Preempt 3 Input	ON	
52	Preempt 4 Input	ON	
53	Preempt 5 Input	ON	
54	Preempt 6 Input	ON	
55	Preempt 7 Input	ON	
56	Preempt 8 Input	ON	
57	Preempt 9 Input	ON	
58	Preempt 10 Input	ON	
61	In Transition		
81	FIO Status Alarm		

Call Phases[1.1.5]

Ø	Ø	Phases Called By Ø			
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

Redirect Phases[1.1.5]

	From	To	From	To	From	To	From	To
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

Inhibit Phases[1.1.5]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																

Alt Call & Redirect # 1 [1.1.6.3]

Col	Ø	Phases Called By Ø					From	To	From	To	From	To	From	To	From	To
1						1										
2						2										
3						3										
4						4										
5						5										
6						6										
7						7										
8						8										

Alt Inhibit Phases # 1 [1.1.6.3]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																

Alt Call & Redirect # 2 [1.1.6.3]

Col	Ø	Phases Called By Ø					From	To	From	To	From	To	From	To	From	To
1						1										
2						2										
3						3										
4						4										
5						5										
6						6										
7						7										
8						8										

Alt Inhibit Phases # 2 [1.1.6.3]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																

Coord, CIC Plans [2.3]

CIC	CoØ	Grow	1	2	3	4	5	6	7	8
1	OFF									
2	OFF									
3	OFF									
4	OFF									

Auto Flash Phase/Olap Settings [1.4.2]

Yel Ø								
Yel (olaps)								

Unit Parameters [1.2.1]

Allow Skip Yellow	OFF	Max Cycle Time	
TOD Dim Enable	OFF	Cycle Fault Action	Alarm
Tone Disable	OFF		
Diamond Mode	4Ph		
Backup Time (s)	900		
Disable Init Ped	OFF		
Cycle Fault Action	Alarm		
Enable Run Timer	ON		

D250970

FED. ROAD REG. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TO SHE
1	N.Y.	M-4001 (178)	117R1	15

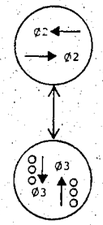
EAST MEADOW SIGNAL AND SIGNING
TRAFFIC IMPROVEMENTS DESIGN
NASSAU COUNTY
P.I.N. 0750.95

SEQUENCE TABLE SIGNAL NO. 112.2

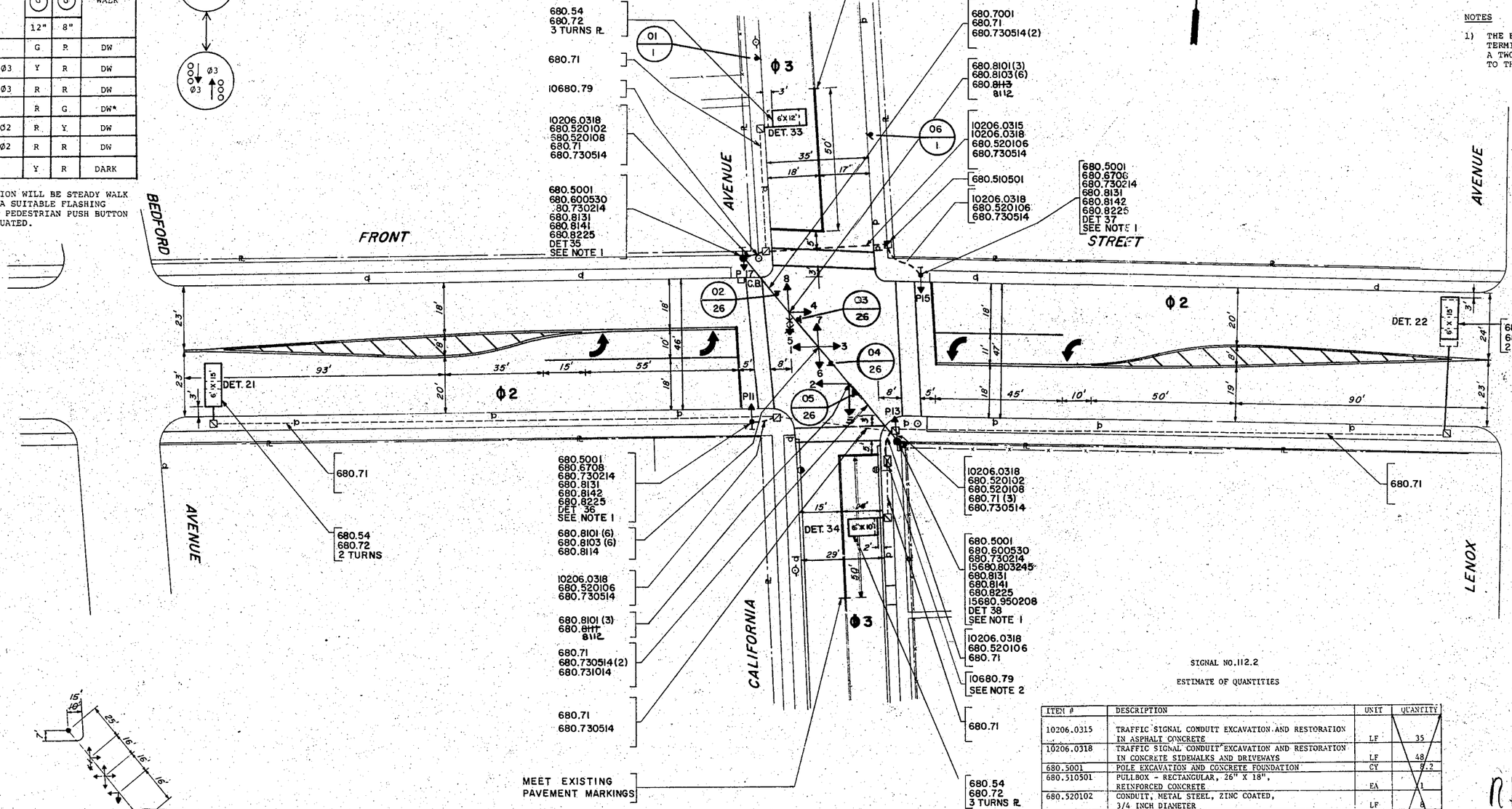
PHASE	FACES 1-4 (12")	FACES 5-8 (8")	P11,13,15,17
	R Y G	R Y G	DONT WALK / WALK
Ø2	G	R	DW
1ST. CL. TO Ø3	Y	R	DW
2ND. CL. TO Ø3	R	R	DW
Ø3	R	G	DW*
1ST. CL. TO Ø2	R	Y	DW
2ND. CL. TO Ø2	R	R	DW
FLASH	Y	R	DARK

*THIS INDICATION WILL BE STEADY WALK FOLLOWED BY A SUITABLE FLASHING DONT WALK IF PEDESTRIAN PUSH BUTTON HAS BEEN ACTUATED.

PHASING



TRAFFIC SIGNAL POLE & HEAD LOCATIONS
N.T.S.



NOTES

1) THE FIVE CONDUCTOR CABLE SHALL BE TERMINATED AT THE TERMINAL BLOCKS MOUNTED IN THE PEDESTRIAN SIGNAL HEA A TWO CONDUCTOR CABLE SHALL CONNECT THE PUSH BUTTON TO THE TERMINAL BLOCK.

SIGNAL NO.112.2

ESTIMATE OF QUANTITIES

ITEM #	DESCRIPTION	UNIT	QUANTITY
10206.0315	TRAFFIC SIGNAL CONDUIT EXCAVATION AND RESTORATION IN ASPHALT CONCRETE	LF	35
10206.0318	TRAFFIC SIGNAL CONDUIT EXCAVATION AND RESTORATION IN CONCRETE SIDEWALKS AND DRIVEWAYS	LF	48
680.5001	POLE EXCAVATION AND CONCRETE FOUNDATION	CY	9.2
680.510501	PULLBOX - RECTANGULAR, 26" X 18", REINFORCED CONCRETE	EA	1
680.520102	CONDUIT, METAL STEEL, ZINC COATED, 3/4 INCH DIAMETER	LF	8
680.520106	CONDUIT, METAL STEEL, ZINC COATED, 2 INCH DIAMETER	LF	75
680.520108	CONDUIT, METAL STEEL, ZINC COATED, 3 INCH DIAMETER	LF	8
680.54	INDUCTANCE LOOP INSTALLATION	LF	300
680.600530	TRAFFIC SIGNAL POLE - SPAN WIRE	EA	2
680.6708	TRAFFIC SIGNAL POLE - POST TOP MOUNT - 8'	EA	2
680.7001	SINGLE SPAN WIRE ASSEMBLY	EA	1
680.71	SHIELDED LEAD IN CABLE	LF	730
680.72	INDUCTANCE LOOP WIRE	LF	468
680.730214	SIGNAL CABLE, 2 CONDUCTOR, 14 AWG	LF	70
680.730514	SIGNAL CABLE, 5 CONDUCTOR, 14 AWG	LF	462
680.731014	SIGNAL CABLE, 10 CONDUCTOR, 14 AWG	LF	89
15680.803245	INSTALL MICROCOMPUTER CABINET	EA	1
680.8101	TRAFFIC SIGNAL SECTION - 12 INCH	EA	12
680.8103	TRAFFIC SIGNAL SECTION - 8 INCH	EA	12
~~680.8111~~	~~TRAFFIC SIGNAL BRACKET ASSEMBLY - 1 WAY~~	~~EA~~	~~1~~
~~680.8113~~	~~TRAFFIC SIGNAL BRACKET ASSEMBLY - 3 WAY~~	~~EA~~	~~1~~
680.8114	TRAFFIC SIGNAL BRACKET ASSEMBLY - 4 WAY	EA	1
680.8131	PEDESTRIAN SIGNAL SECTION - 4½ INCH LETTERS	EA	4
680.8141	PEDESTRIAN SIGNAL BRACKET MOUNT ASSEMBLY	EA	2
680.8142	PEDESTRIAN SIGNAL POST TOP MOUNT ASSEMBLY	EA	2
680.8225	PEDESTRIAN PUSH BUTTON AND SIGN - WITHOUT POST	EA	4
15680.950208	SERVICE CABLE - 2 CONDUCTORS, 8 AWG	LF	~~35~~
680.8112	TRAFFIC SIGNAL BRACKET ASS. - 2 WAY	EA.	2

Loc 21

Nte 102 112.2

TRAFFIC SIGNAL HEAD & QUANTITY REVISIONS
W. Egbert 8/20/90

TRAFFIC CONTROL PLAN
FRONT STREET & CALIFORNIA AVENUE

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

DRAWING NO.	SCALE	DATE	
T-J18	1" = 20'	DEC. 1983	GIBBONS & HYLAND P.E. MINEOLA, N.Y.

Attachment S-217

Nassau County Department of Public Works
Traffic Signal Timing Report

Loc 22

Intersection: Fulton @ Peninsula **Zone 11**

Signal Number: 3841

Phase	1	2	3	4	5	6	7	8	9
Minimum Green	3	20	0	8	3	20	0	8	0
Passage Time	2.00	0.00	0.00	2.00	2.00	0.00	0.00	2.00	0.00
Yellow Clearance	3.00	4.00	4.00	4.00	3.00	4.00	4.00	4.00	3.00
Red Clearance	2.00	2.00	0.00	2.00	2.00	2.00	0.00	2.00	0.00
Max 1	20	26	0	26	20	26	0	26	0
Max 2	20	26	0	26	20	26	0	26	0
Walk Time	0	8	0	0	0	0	0	8	0
Ped Clearance	0	18	0	0	0	0	0	18	0
Pedestrian Recall	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Vehicle Recall	OFF	Min	OFF	OFF	OFF	Min	OFF	OFF	OFF
Non-Lock Memory	True	False	False	True	True	False	False	True	False

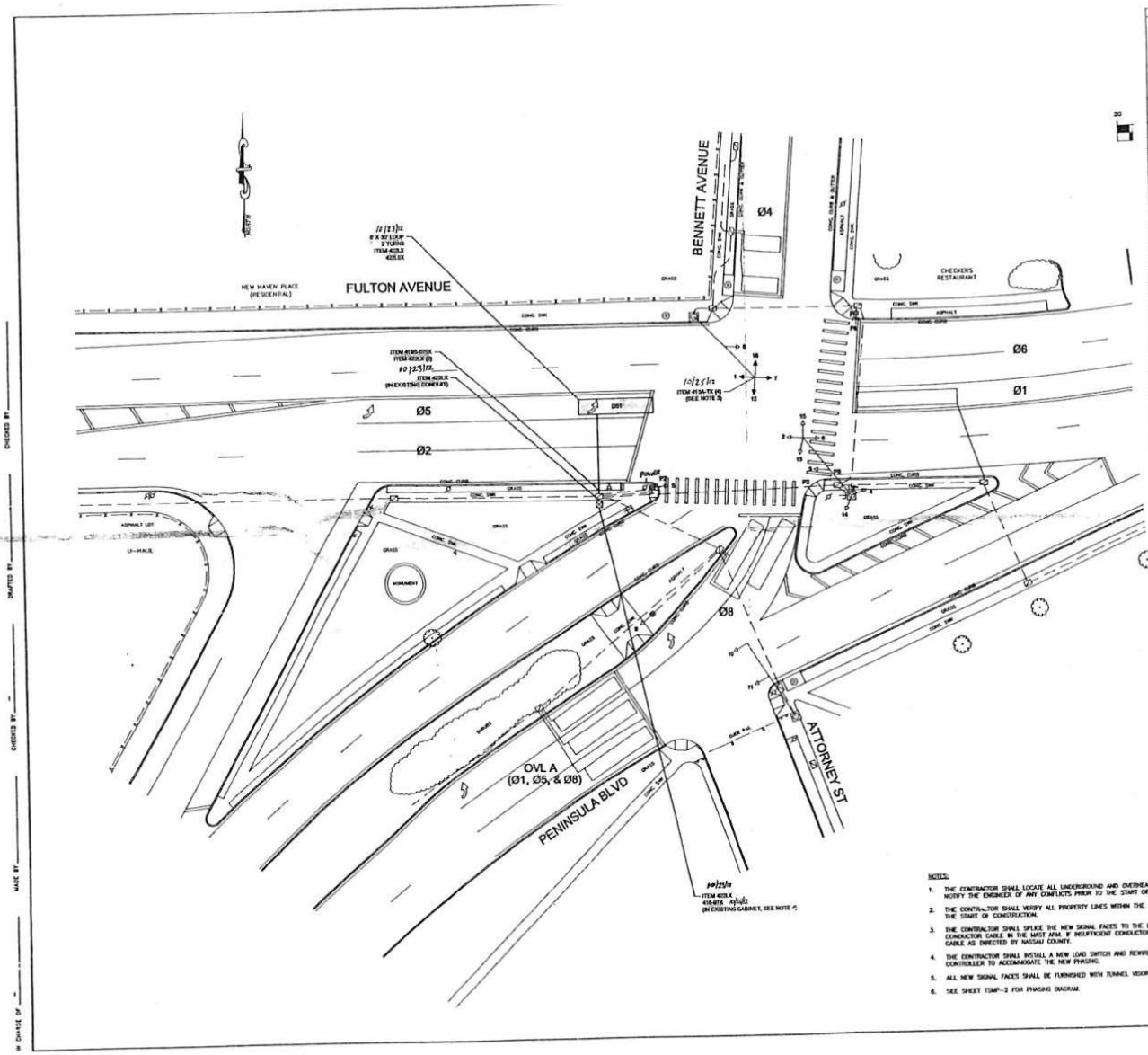
Phase	1	2	3	4	5	6	7	8	9
D 1/S 1 (CL = 100)	26	41	0	33	26	41	0	33	0
D 1/S 4 (CL = 140)	26	81	0	33	26	81	0	33	0
D 2/S 1 (CL = 120)	31	50	0	39	31	50	0	39	0

Plan	Offset
1/1/1	0
1/1/3	0
1/4/2	0
2/1/1	0
2/1/3	90

Plan	Offset
1/1/2	0
1/4/1	0
1/4/3	0
2/1/2	31

Plan	Offset

Loc 22



PHASE	FACE (1)	2,3	4,5	6	7,8	9,10,11	(12,13	14	15,16	P2	P6
	12"	12"	12"	12"	12"	12"	12"	12"	12"	12" X 18"	18" X 18"
Ø1 & Ø5 + OVL A	•R•R	R	•R•R	•R•R	R	G	R	R	R	DW	DW
1ST CL TO Ø1 & Ø6 + OVL A	•Y•Y	R	•R•R	R	G	R	R	R	R	DW	DW
2ND CL TO Ø1 & Ø6 + OVL A	R	R	•R•R	R	G	R	R	R	R	DW	DW
1ST CL TO Ø2 & Ø5	•R•R	R	•Y•R	•Y•R	Y	R	R	R	R	DW	DW
2ND CL TO Ø2 & Ø5	•Y•R	R	R	R	R	R	R	R	R	DW	DW
1ST CL TO Ø2 & Ø6	R	R	R	R	R	R	R	R	R	DW	DW
2ND CL TO Ø2 & Ø6	R	R	•Y•R	•Y•R	Y	R	R	R	R	DW	DW
Ø1 & Ø5 + OVL A	R	R	•R•G	•R•G	G	Y	R	R	R	DW	DW
1ST CL TO Ø2 & Ø5	R	R	•Y•G	•Y•G	G	Y	R	R	R	DW	DW
2ND CL TO Ø2 & Ø5	R	R	G	G	G	R	G	R	R	W	DW
Ø2 & Ø5	•R•G	G	R	R	R	R	R	R	R	W	DW
1ST CL TO Ø2 & Ø6	•Y•G	G	R	R	G	R	R	R	R	W	DW
2ND CL TO Ø2 & Ø6	G	G	R	R	G	R	R	R	R	W	DW
Ø2 & Ø6	G	G	G	G	G	R	R	R	R	FLSH	DW
PED CL	G	G	G	G	G	R	R	R	R	DW	DW
1ST CL TO Ø1 & Ø6 + OVL A OR Ø1 & Ø5	Y	Y	Y	Y	Y	R	R	R	R	DW	DW
2ND CL TO Ø1 & Ø6 + OVL A OR Ø1 & Ø5	R	R	R	R	R	R	R	R	R	DW	DW
1ST CL TO Ø1 & Ø5 + OVL A	R	Y	Y	Y	Y	R	R	R	R	DW	DW
2ND CL TO Ø1 & Ø5 + OVL A	R	G	R	R	R	R	R	R	R	DW	DW
3RD CL TO Ø1 & Ø5 + OVL A	R	R	R	R	R	R	R	R	R	DW	DW
4TH CL TO Ø1 & Ø5 + OVL A	R	R	R	Y	Y	R	R	R	R	DW	DW
1ST CL TO Ø2 & Ø5	R	Y	Y	Y	Y	R	R	R	R	DW	DW
2ND CL TO Ø2 & Ø5	R	R	R	R	R	R	R	R	R	DW	DW
3RD CL TO Ø2 & Ø5	R	R	R	R	R	R	R	R	R	DW	DW
4TH CL TO Ø2 & Ø5	R	R	R	R	R	G	G	G	G	DW	W
Ø1 & Ø6	R	R	R	R	R	G	G	G	G	DW	DW
PED CL	R	R	R	R	R	G	G	G	G	DW	DW
1ST CL TO Ø1 & Ø6 + OVL A OR Ø1 & Ø5 + OVL A	R	R	R	R	R	G	Y	Y	Y	DW	DW
2ND CL TO Ø1 & Ø6 + OVL A OR Ø1 & Ø5 + OVL A	R	R	R	R	R	G	R	R	R	DW	DW
1ST CL TO Ø2 & Ø5 OR Ø2 & Ø6	R	R	R	R	Y	G	G	G	G	DW	DW
2ND CL TO Ø2 & Ø5 OR Ø2 & Ø6	R	R	R	R	R	R	Y	Y	Y	DW	DW
3RD CL TO Ø2 & Ø5 OR Ø2 & Ø6	R	R	R	R	R	R	R	R	R	DW	DW
4TH CL TO Ø2 & Ø5 OR Ø2 & Ø6	R	R	R	R	R	R	R	R	R	DW	DW
FLASH	Y	Y	Y	Y	Y	R	R	R	R	DARK	DARK

* ONLY APPEARS UPON PUSHBUTTON ACTUATION
1. #2 & #6 SHALL BE ON MINIMUM RECALL
2. CALLS TO PHASE 1 OR 5 FROM 2 & 6 SHALL BE REDIRECTED TO CALL THE SEQUENCE AS SHOWN.

PHASES 1 & 5 SHALL BE OMITTED ONLY WHEN CALLED FROM PHASE 1 OR 5, CALLING TEMPORARY PHASE 9 WHICH SHALL THEN DROP THE OMIT. PHASE 9 SHALL CALL THE 3RD AND 4TH CLEARANCE AS SHOWN. CALLS TO ANY OTHER PHASE SHALL DROP THE OMIT, NOT CALL PHASE 9, AND CYCLE TO THE PHASE CALLED.

ESTIMATE OF SIGNAL ITEM QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
w/cable & w/o cable	413A-TX	INSTALL ALUMINUM LED TRAFFIC SIGNAL FACE	EA	4
	416-9TX	INSTALL AUX. EQUIPMENT IN EXISTING CABINET	EA	1
w/cable	4195-075X	FURNISH & INSTALL 3/4 INCH DIAMETER STEEL CONDUIT	LF	5
	422LX	FURNISH & INSTALL LOOP WIRE	LF	230
	422LSX	FURNISH & INSTALL LOOP SAW CUT	LF	100

NOTES:
1. THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND AND OVERHEAD UTILITIES AND NOTIFY THE ENGINEER OF ANY CONFLICTS PRIOR TO THE START OF CONSTRUCTION.
2. THE CONTRACTOR SHALL VERIFY ALL PROPERTY LINES WITHIN THE WORK AREA PRIOR TO THE START OF CONSTRUCTION.
3. THE CONTRACTOR SHALL SPLICE THE NEW SIGNAL FACES TO THE EXISTING 20 CONDUCTOR CABLE IN THE MAST ARM. IF INSUFFICIENT CONDUCTORS EXIST, REPLACE CABLE AS DIRECTED BY NASSAU COUNTY.
4. THE CONTRACTOR SHALL INSTALL A NEW LOAD SWITCH AND REWIRE THE EXISTING CONTROLLER TO ACCOMMODATE THE NEW PHASING.
5. ALL NEW SIGNAL FACES SHALL BE FURNISHED WITH TUNNEL VISORS.
6. SEE SHEET TSMP-2 FOR PHASING DIAGRAM.

NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING—TRAFFIC ENGINEERING UNIT

TRAFFIC SIGNAL MODIFICATION PLAN
FOR
FULTON AVE AT BENNETT AVE/PENINSULA BLVD
TOWN OF HEMPSTEAD
SIGNAL #3841

SCALE: AS SHOWN	DWG. NO: TSMP-1	MODIF. NO. SM12-12	
PREPARED BY:		DRAWN BY: RJJ	
APPROVED:			DATE:
APPROVED:	P.E.		DATE: 3/5/12

DESIGNED BY ____ DRAWN BY ____ CHECKED BY ____ CHECKED BY ____ MADE BY ____ IN CHARGE OF ____

Nassau County Department of Public Works

Traffic Signal Timing Report

Loc 23

Intersection: Fulton @ Clinton **Zone 11**

Signal Number: 3777

Phase	1	2	3	4	5	6	7	8	9
Minimum Green	3	10	3	10	3	10	3	10	0
Passage Time	2.00	0.00	2.00	3.00	2.00	0.00	2.00	3.00	0.00
Yellow Clearance	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.00
Red Clearance	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	0.00
Max 1	15	30	15	30	15	30	15	30	0
Max 2	15	30	15	30	15	30	15	30	0
Walk Time	0	7	0	7	0	7	0	7	0
Ped Clearance	0	21	0	21	0	21	0	21	0
Pedestrian Recall	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Vehicle Recall	OFF	Min	OFF	OFF	OFF	Min	OFF	OFF	OFF
Non-Lock Memory	True	False	True	True	True	False	True	True	False

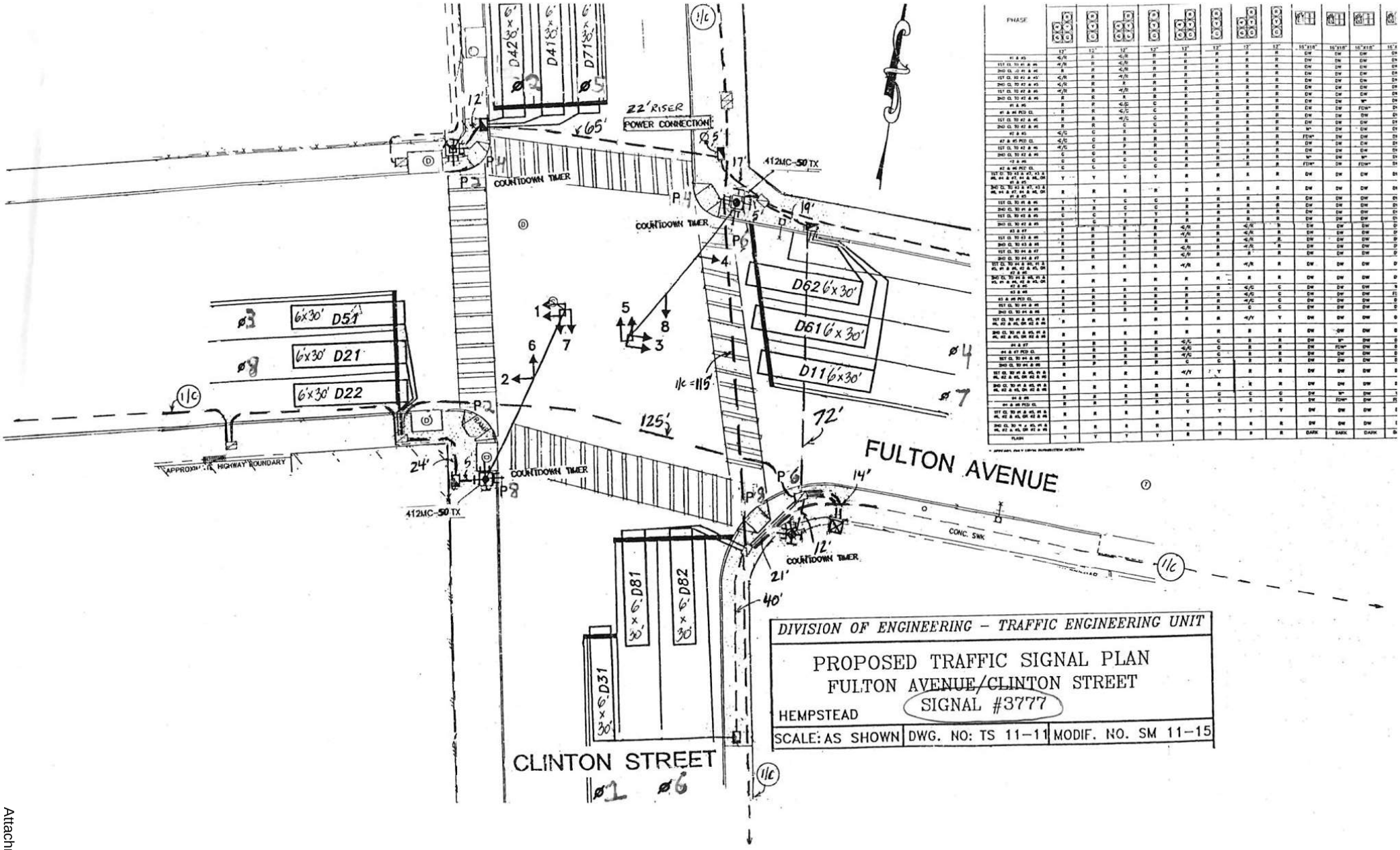
Phase	1	2	3	4	5	6	7	8	9
D 1/S 1 (CL = 100)	15	35	15	35	15	35	15	35	0
D 1/S 4 (CL = 140)	15	55	15	55	15	55	15	55	0
D 2/S 1 (CL = 120)	18	42	18	42	18	42	18	42	0

Plan	Offset
1/1/1	50
1/1/3	0
1/4/2	0
2/1/1	0
2/1/3	0

Plan	Offset
1/1/2	0
1/4/1	0
1/4/3	0
2/1/2	0

Plan	Offset

Loc 23



DIVISION OF ENGINEERING – TRAFFIC ENGINEERING UNIT

PROPOSED TRAFFIC SIGNAL PLAN
FULTON AVENUE/CLINTON STREET
HEMPSTEAD SIGNAL #3777

SCALE: AS SHOWN	DWG. NO: TS 11-11	MODIF. NO. SM 11-15

Attachment S-222

Nassau County Department of Public Works

Traffic Signal Timing Report

Loc 24

Intersection: Franklin @ Fulton Same phasing and timing for each peak hour. Different offset. **Zone 28 No**

Signal Number: 3780

NB/SB Franklin | NB LT/TH Franklin | EB/WB Fulton | EB LT /WB LT Fulton

Phase	2,6 1	5 2	4,8 3	3,7 4	5	6	7	8	9
Minimum Green	15	3	12	3	0	0	0	0	0
Passage Time	0.00	1.00	3.00	1.00	0.00	0.00	0.00	0.00	0.00
Yellow Clearance	4.00	3.00	4.00	3.00	4.00	4.00	4.00	4.00	3.00
Red Clearance	2.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	0.00
Max 1	15	7	23	7	0	0	0	0	0
Max 2	15	12	28	12	0	0	0	0	0
Walk Time	8	0	8	0	0	0	0	0	0
Ped Clearance	14	0	14	0	0	0	0	0	0
Pedestrian Recall	Ped	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Vehicle Recall	Min	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Non-Lock Memory	False	True	False	True	False	False	False	False	False

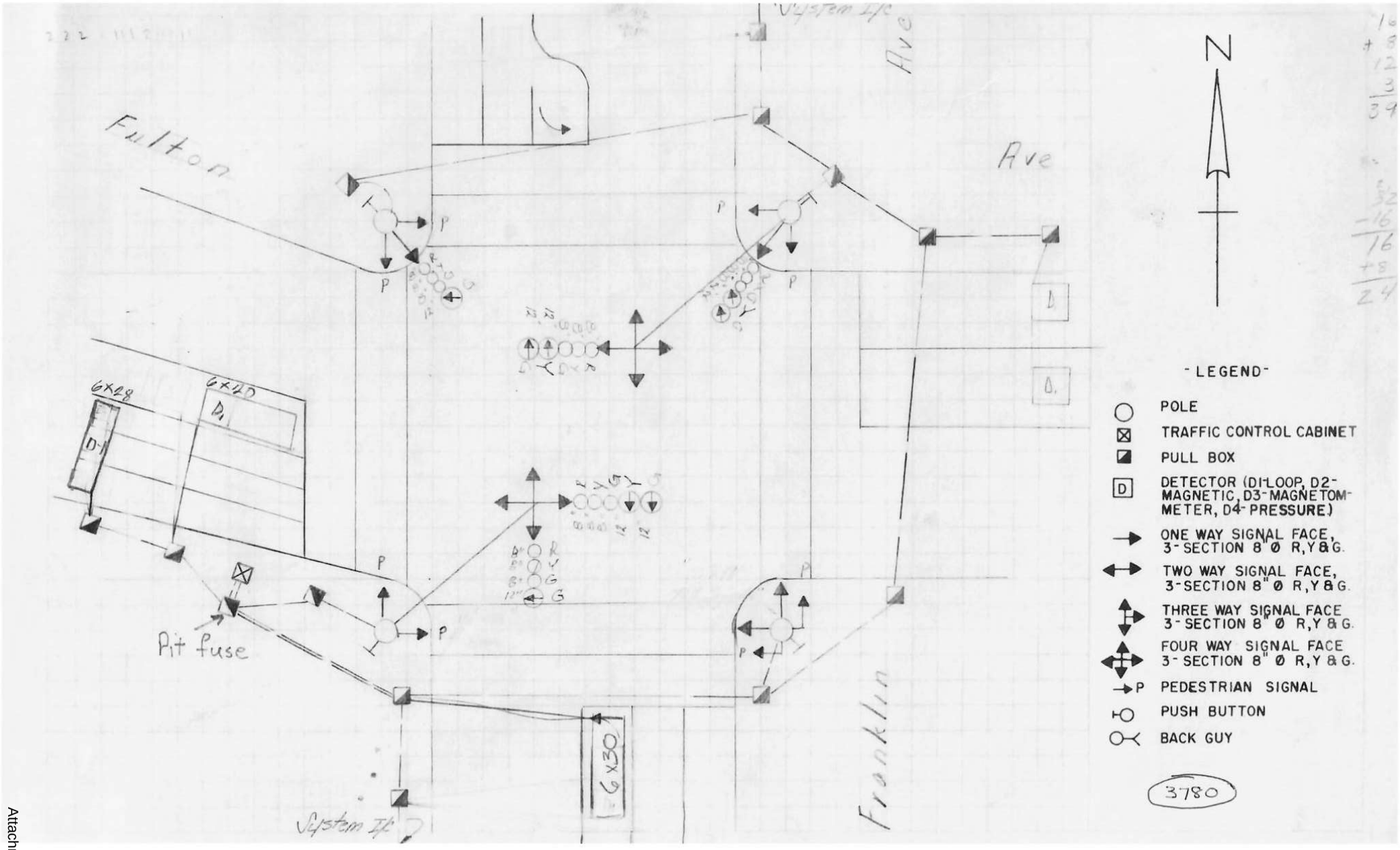
Phase	1 2,6	2 5	3 4,8	4 3,7	5	6	7	8	9
D 1/S 1 (CL = 90)	37	12	29	12	0	0	0	0	0
D 1/S 4 (CL = 120)	67	12	29	12	0	0	0	0	0
D 2/S 4 (CL = 120)	67	12	29	12	0	0	0	0	0

Plan	Offset
1/1/1	6
1/1/3	88
1/4/2	0
2/4/1	4
2/4/3	118

Plan	Offset
1/1/2	12
1/4/1	0
1/4/3	0
2/4/2	11

Plan	Offset

Loc 24



Attachment S-224

Nassau County Department of Public Works

Traffic Signal Timing Report

Loc 25

Intersection: Franklin @ Stewart Same phasing and timing for each peak hour. Different offset. **Zone 27**

Signal Number: 3895

NB/SB Franklin | SB LT/TH Franklin | EB/WB Stewart | WB LT/TH Stewart

Phase	1	2	3	4	5	6	7	8	9
Minimum Green	20	6	12	3	0	0	0	0	0
Passage Time	0.00	0.00	3.00	2.00	0.00	0.00	0.00	0.00	0.00
Yellow Clearance	3.50	3.50	3.50	3.50	4.00	4.00	4.00	4.00	3.00
Red Clearance	2.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00	0.00
Max 1	20	6	28	12	0	0	0	0	0
Max 2	20	6	28	12	0	0	0	0	0
Walk Time	7	0	7	0	0	0	0	0	0
Ped Clearance	16	0	16	0	0	0	0	0	0
Pedestrian Recall	Ped	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Vehicle Recall	Min	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Non-Lock Memory	False	True	False	False	False	False	False	False	False

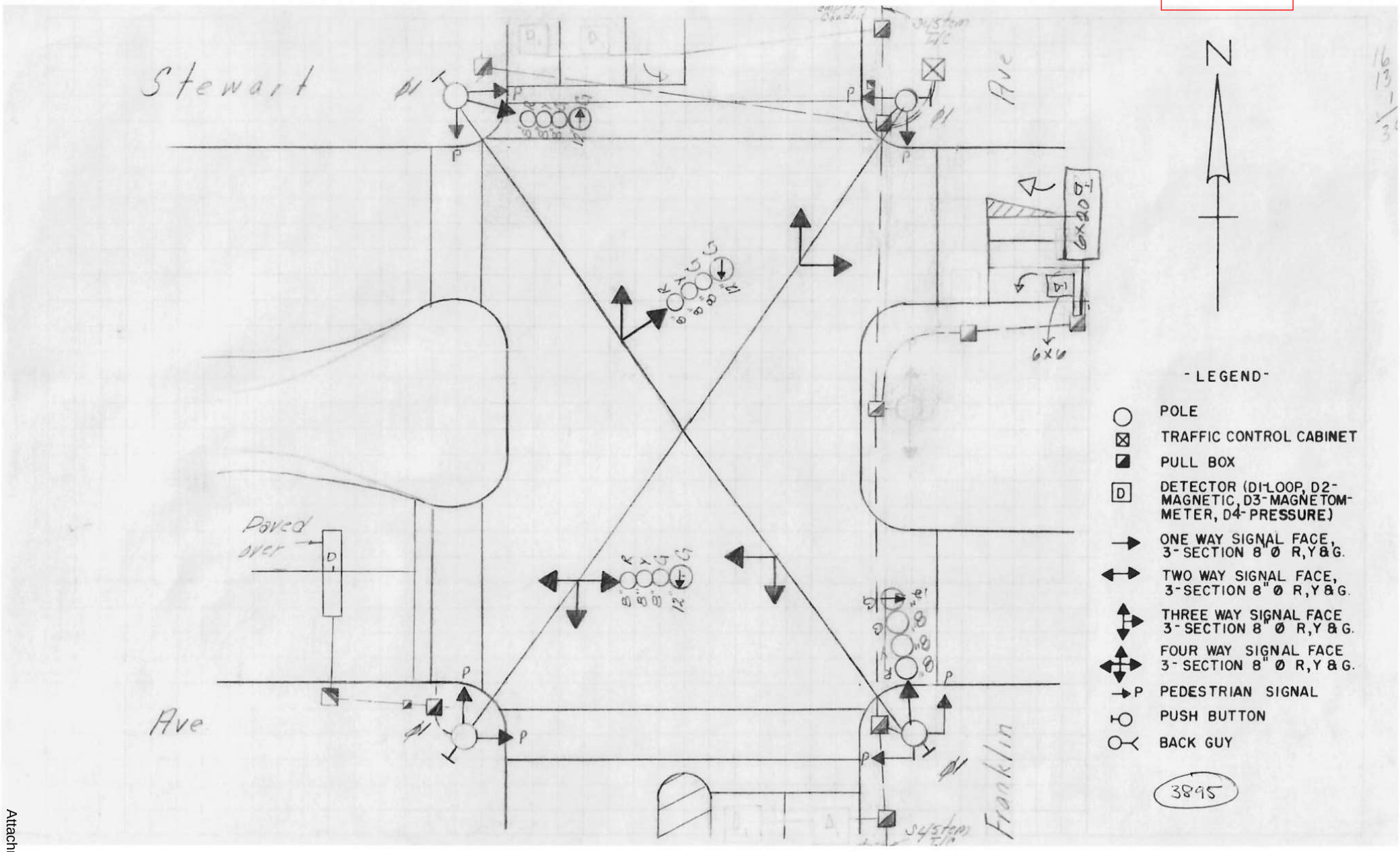
Phase	1	2	3	4	5	6	7	8	9
D 1/S 1 (CL = 90)	32	16	29	13	0	0	0	0	0
D 1/S 2 (CL = 90)	32	16	29	13	0	0	0	0	0
D 1/S 4 (CL = 120)	62	16	29	13	0	0	0	0	0
D 2/S 4 (CL = 120)	62	16	29	13	0	0	0	0	0

Plan	Offset
1/1/1	44
1/1/3	55
1/2/2	0
1/4/1	0
1/4/3	0
2/4/2	18

Plan	Offset
1/1/2	53
1/2/1	0
1/2/3	0
1/4/2	0
2/4/1	4
2/4/3	110

Plan	Offset

Loc 25



Attachment S-226

Nassau County Department of Public Works

Traffic Signal Timing Report

Loc 26

Intersection: OCR @ Franklin / Mineola **Zone 14**

Signal Number: 3160

Phase	1	2	3	4	5	6	7	8	9
Minimum Green	3	20	3	10	3	20	3	10	0
Passage Time	2.00	0.00	2.00	3.00	2.00	0.00	2.00	3.00	0.00
Yellow Clearance	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.00
Red Clearance	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	0.00
Max 1	13	21	13	32	13	21	13	32	0
Max 2	13	21	13	32	13	21	13	32	0
Walk Time	0	1	0	7	0	1	0	7	0
Ped Clearance	0	20	0	25	0	20	0	25	0
Pedestrian Recall	OFF	Ped	OFF	OFF	OFF	Ped	OFF	OFF	OFF
Vehicle Recall	OFF	Min	OFF	OFF	OFF	Min	OFF	OFF	OFF
Non-Lock Memory	True	False	True	True	True	False	True	True	False

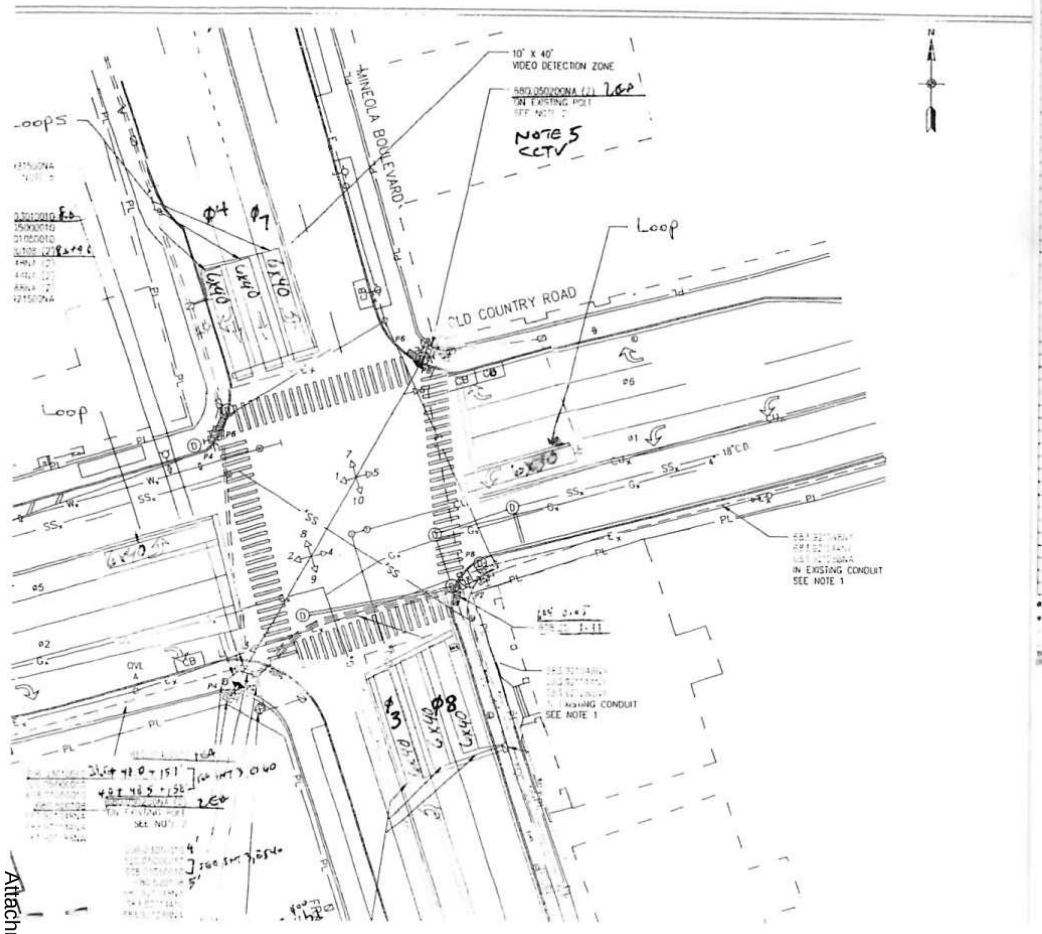
Phase	1	2	3	4	5	6	7	8	9
D 1/S 1 (CL = 120)	20	41	20	39	20	41	20	39	0
D 1/S 2 (CL = 140)	23	48	23	46	23	48	23	46	0
D 1/S 3 (CL = 140)	23	39	23	46	23	39	23	46	9
D 3/S 1 (CL = 160)	26	56	26	52	26	56	26	52	0

Plan	Offset
1/1/1	50
1/1/3	0
1/2/2	60
1/3/1	73
1/3/3	0
3/1/2	149

Plan	Offset
1/1/2	0
1/2/1	73
1/2/3	34
1/3/2	0
3/1/1	66
3/1/3	50

Plan	Offset

Loc 26



SEQUENCE TABLE

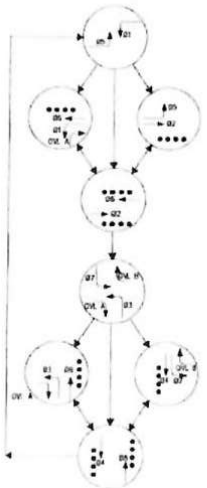
PHASE	FACES 1	2	3	4	5	6	7	8	9	10	P2	P4	P6	P8
	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	15" x 18"	15" x 18"	15" x 18"	15" x 18"
1+5	-G/R	R	R	-G/R	R	R	R	R	R	R	DW	DW	DW	DW
1ST CL TO 1+6	-Y/R	R	R	-G/R	R	R	R	R	R	R	DW	DW	DW	DW
2ND CL TO 1+6	R	R	R	-G/R	R	R	R	R	R	R	DW	DW	DW	DW
1ST CL TO 2+5	-G/R	R	R	-Y/R	R	R	R	R	R	R	DW	DW	DW	DW
2ND CL TO 2+5	-G/R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
1ST CL TO 2+6	-Y/R	R	R	-Y/R	R	R	R	R	R	R	DW	DW	DW	DW
2ND CL TO 2+6	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
1+6 + OVL A	R	R	R/G-	-G/R	G	G	R	R	R	R	DW	DW	*W	DW
1ST CL TO 2+6	R	R	R/Y-	-Y/G	G	G	R	R	R	R	DW	DW	*W	DW
2ND CL TO 2+6	R	R	R	G	G	G	R	R	R	R	DW	DW	*W	DW
2+5	-G/G	G	G	R	R	R	R	R	R	R	*W	DW	DW	DW
1ST CL TO 2+6	-Y/G	G	G	R	R	R	R	R	R	R	*W	DW	DW	DW
2ND CL TO 2+6	G	G	G	R	R	R	R	R	R	R	*W	DW	DW	DW
2+6	G	G	G	G	G	G	R	R	R	R	*W	DW	DW	DW
FLO CL	G	G	G	G	G	G	R	R	R	R	FL DW	DW	FL DW	DW
1ST CL TO 3-7	Y	Y	Y	Y	Y	Y	R	R	R	R	DW	DW	DW	DW
2ND CL TO 3+7	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
1ST CL TO 3+8	Y	Y	Y	Y	Y	Y	R	R	R	R	DW	DW	DW	DW
2ND CL TO 3+8	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
1ST CL TO 4+7	Y	Y	Y	Y	Y	Y	R	R	R	R	DW	DW	DW	DW
2ND CL TO 4+7	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
1ST CL TO 4+5 OR 1+5	Y	Y	Y	Y	Y	Y	R	R	R	R	DW	DW	DW	DW
2ND CL TO 4+5 OR 1+5	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
1ST CL TO 1+6	Y	Y	Y	Y	Y	Y	R	R	R	R	DW	DW	DW	DW
2ND CL TO 1+6	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
3RD CL TO 1+6	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
4TH CL TO 3+6	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
1ST CL TO 2+5	Y	Y	Y	Y	Y	Y	R	R	R	R	DW	DW	DW	DW
2ND CL TO 2+5	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
3RD CL TO 2+5	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
4TH CL TO 2+5	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
3+7	R	R	R/G-	R	R	R/G-	-G/R	R	-G/R	R	DW	DW	DW	DW
1ST CL TO 3+8	R	R	R/Y-	R	R	R/G-	-Y/R	R	-G/R	R	DW	DW	DW	DW
2ND CL TO 3+8	R	R	R	R	R	R/Y-	R	R	-G/R	R	DW	DW	DW	DW
1ST CL TO 4+7	R	R	R/G-	R	R	R/Y-	-G/R	R	-Y/R	R	DW	DW	DW	DW
2ND CL TO 4+7	R	R	R/G-	R	R	R	-G/R	R	-Y/R	R	DW	DW	DW	DW
1ST CL TO 4+8	R	R	R/Y-	R	R	R/Y-	-Y/R	R	-Y/R	R	DW	DW	DW	DW
2ND CL TO 4+8	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
1ST CL TO 1+5, 1+6, 2+5 OR 2+6	R	R	R/Y-	R	R	R/Y-	-Y/R	R	-Y/R	R	DW	DW	DW	DW
2ND CL TO 1+5, 1+6, 2+5 OR 2+6	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
3+8	R	R	R	R	R	R/G-	R	R	-G/G	G	DW	DW	*W	DW
1ST CL TO 4+8	R	R	R	R	R	R/Y-	R	R	-Y/G	G	DW	DW	*W	DW
2ND CL TO 4+8	R	R	R	R	R	R	G	R	G	G	DW	DW	*W	DW
1ST CL TO 1+5 OR 2+5	R	R	R	R	R	R/Y-	R	R	-Y/Y	Y	DW	DW	DW	DW
2ND CL TO 1+5 OR 2+5	R	R	R	R	R	R	R	R	Y	R	DW	DW	DW	DW
1ST CL TO 1+6 OR 2+6	R	R	R	R	R	R/G-	R	R	-Y/Y	Y	DW	DW	DW	DW
2ND CL TO 1+6 OR 2+6	R	R	R	R	R	R/G-	R	R	Y	Y	DW	DW	DW	DW
4+7	R	R	R/G-	R	R	R	-G/G	G	R	G	DW	DW	*W	DW
1ST CL TO 4+8	R	R	R/Y-	R	R	R	-Y/G	G	R	G	DW	DW	*W	DW
2ND CL TO 4+8	R	R	R	R	R	R	G	G	R	G	DW	DW	*W	DW
1ST CL TO 1+5 OR 1+6	R	R	R/Y-	R	R	R	-Y/Y	Y	R	Y	DW	DW	DW	DW
2ND CL TO 1+5 OR 1+6	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
1ST CL TO 2+5 OR 2+6	R	R	R/G-	R	R	R	-Y/Y	Y	R	Y	DW	DW	DW	DW
2ND CL TO 2+5 OR 2+6	R	R	R/G-	R	R	R	R	R	R	R	DW	DW	DW	DW
4+8	R	R	R	R	R	R	G	G	G	G	DW	*W	DW	*W
FLO CL	R	R	R	R	R	R	G	G	G	G	DW	FL DW	DW	FL DW
1ST CL TO 1+5, 1+6, 2+5 OR 2+6	R	R	R	R	R	R	Y	Y	Y	Y	DW	DW	DW	DW
2ND CL TO 1+5, 1+6, 2+5 OR 2+6	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
FLASH	Y	Y	Y	Y	Y	Y	R	R	R	R	DARK	DARK	DARK	DARK

#2+#6 AND #4+#8 — SHALL BE ON MINIMUM RECALL

* APPEARS ONLY UPON PEDESTRIAN PUSH BUTTON ACTUATION

CALLS TO PHASE 1 OR 5 FROM 2 & 6 SHALL BE REDIRECTED TO CALL THE SEQUENCE AS SHOWN

PHASES 1 OR 5 SHALL BE OMITTED ONLY WHEN CALLED FROM PHASES 2 & 6, CAUSING TEMPORARY PHASE 9 WHICH SHALL THEN DROP THE OMIT PHASE 9 SHALL CALL THE 3RD & 4TH CLEARANCES AS SHOWN CALLS TO ANY OTHER PHASE SHALL DROP THE OMIT, NOT CALL PHASE 9, AND CYCLE TO THE PHASES CALLED.



NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING – TRAFFIC ENGINEERING UNIT

OLD COUNTRY ROAD @
FRANKLIN AVENUE AND MINEOLA BOULEVARD
TRAFFIC SIGNAL PLAN
MINEOLA – SIGNAL NO. 3160

DWG. NO: TSP-06A	DATE: 09-27-2013
PREPARED BY: C. MERLE	DRAWN BY: A. VILLANUEVA
N.C. PROJECT: H62161	
FED PIN: 0760.28	SHEET NO: 56 OF188

Attachment S-228

Nassau County Department of Public Works

Traffic Signal Timing Report

Loc 27

Intersection: OCR @ Glen Cove Rd **Zone 15**

Signal Number: 3041 Same signal timing and phasing for each peak hour. Different offsets.

Phase	1	2	3	4	5	6	7	8	9
Minimum Green	3	20	3	10	3	20	3	10	0
Passage Time	2.00	0.00	2.00	3.00	2.00	0.00	2.00	3.00	0.00
Yellow Clearance	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.00
Red Clearance	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	0.00
Max 1	15	20	15	40	20	20	30	40	5
Max 2	15	20	15	40	20	20	30	40	0
Walk Time	0	7	0	7	5	7	0	7	0
Ped Clearance	0	28	0	33	7	28	0	33	0
Pedestrian Recall	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Vehicle Recall	OFF	Min	OFF	OFF	OFF	Min	OFF	OFF	OFF
Non-Lock Memory	False	False	False	True	False	False	False	True	False

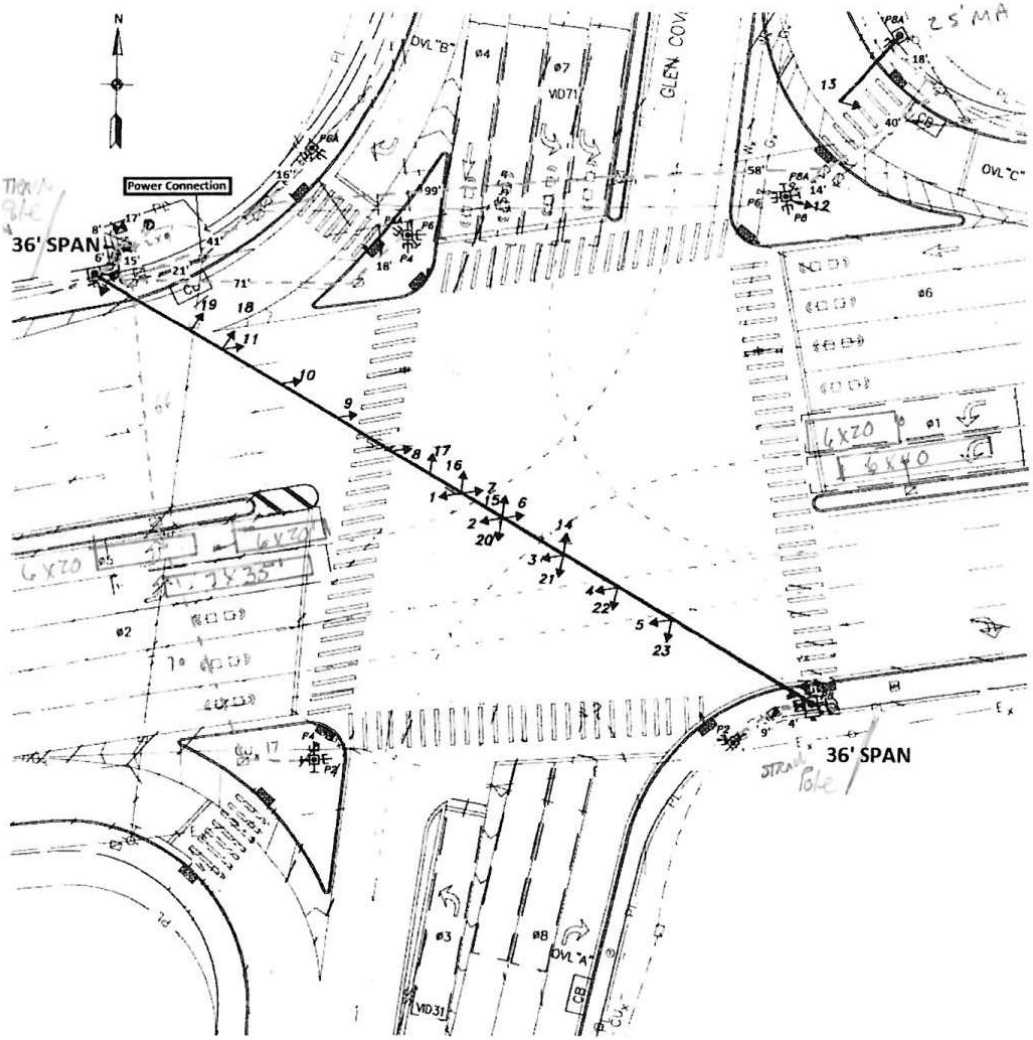
Phase	1	2	3	4	5	6	7	8	9
D 1/S 1 (CL = 160)	18	60	22	60	27	51	35	47	0
D 1/S 2 (CL = 160)	18	60	22	60	27	51	35	47	0
D 1/S 3 (CL = 140)	18	46	22	54	18	46	35	41	0
D 3/S 1 (CL = 160)	18	60	22	60	27	51	35	47	0

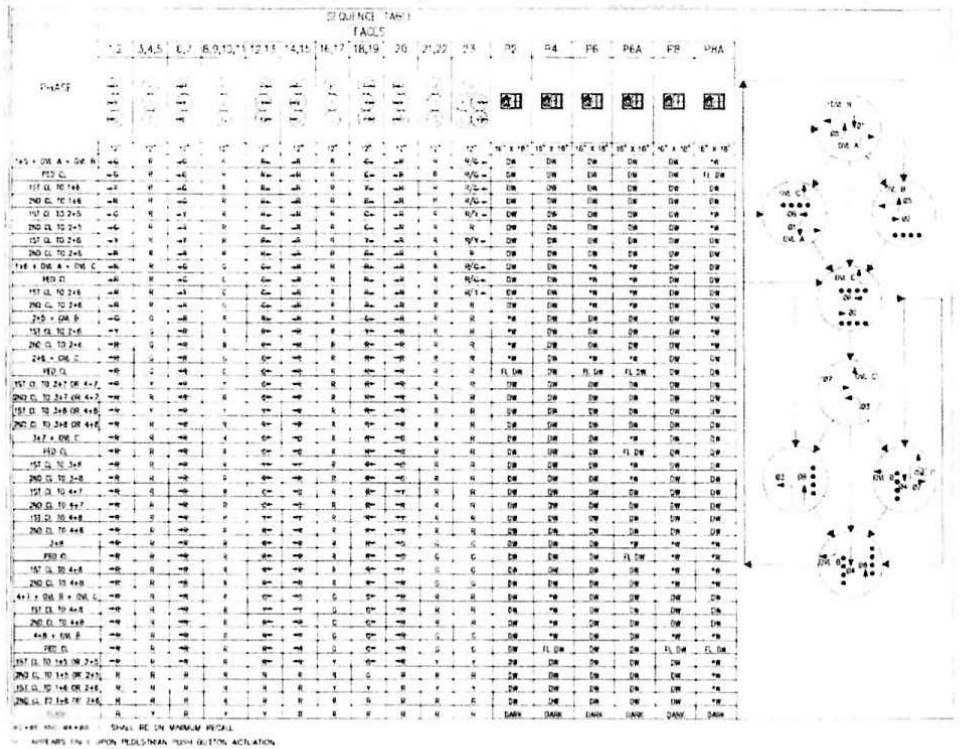
Plan	Offset
1/1/1	0
1/1/3	0
1/2/2	112
1/3/1	0
1/3/3	0
3/1/2	100

Plan	Offset
1/1/2	100
1/2/1	0
1/2/3	0
1/3/2	0
3/1/1	0
3/1/3	0

Plan	Offset

Loc 27





NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING – TRAFFIC ENGINEERING UNIT

OLD COUNTRY ROAD @
GLEN COVE ROAD AND CLINTON ROAD
TRAFFIC SIGNAL PLAN
CARLE PLACE – SIGNAL NO. 3041

Attachment S-230

Nassau County Department of Public Works

Traffic Signal Timing Report

Loc 28

Intersection: OCR @ Ellison **Zone 15**

Signal Number: 3133

Phase	1	2	3	4	5	6	7	8	9
Minimum Green	5	20	10	10	5	20	0	0	0
Passage Time	3.00	0.00	4.00	4.00	3.00	0.00	0.00	0.00	0.00
Yellow Clearance	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.00
Red Clearance	2.00	2.00	2.00	2.00	2.00	2.00	1.00	1.00	0.00
Max 1	15	21	15	31	15	21	0	0	0
Max 2	15	21	15	31	15	21	0	0	0
Walk Time	0	1	0	7	0	0	0	0	0
Ped Clearance	0	20	0	24	0	0	0	0	0
Pedestrian Recall	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Vehicle Recall	OFF	Min	OFF	OFF	OFF	Min	OFF	OFF	OFF
Non-Lock Memory	True	False	True	True	True	False	False	False	False

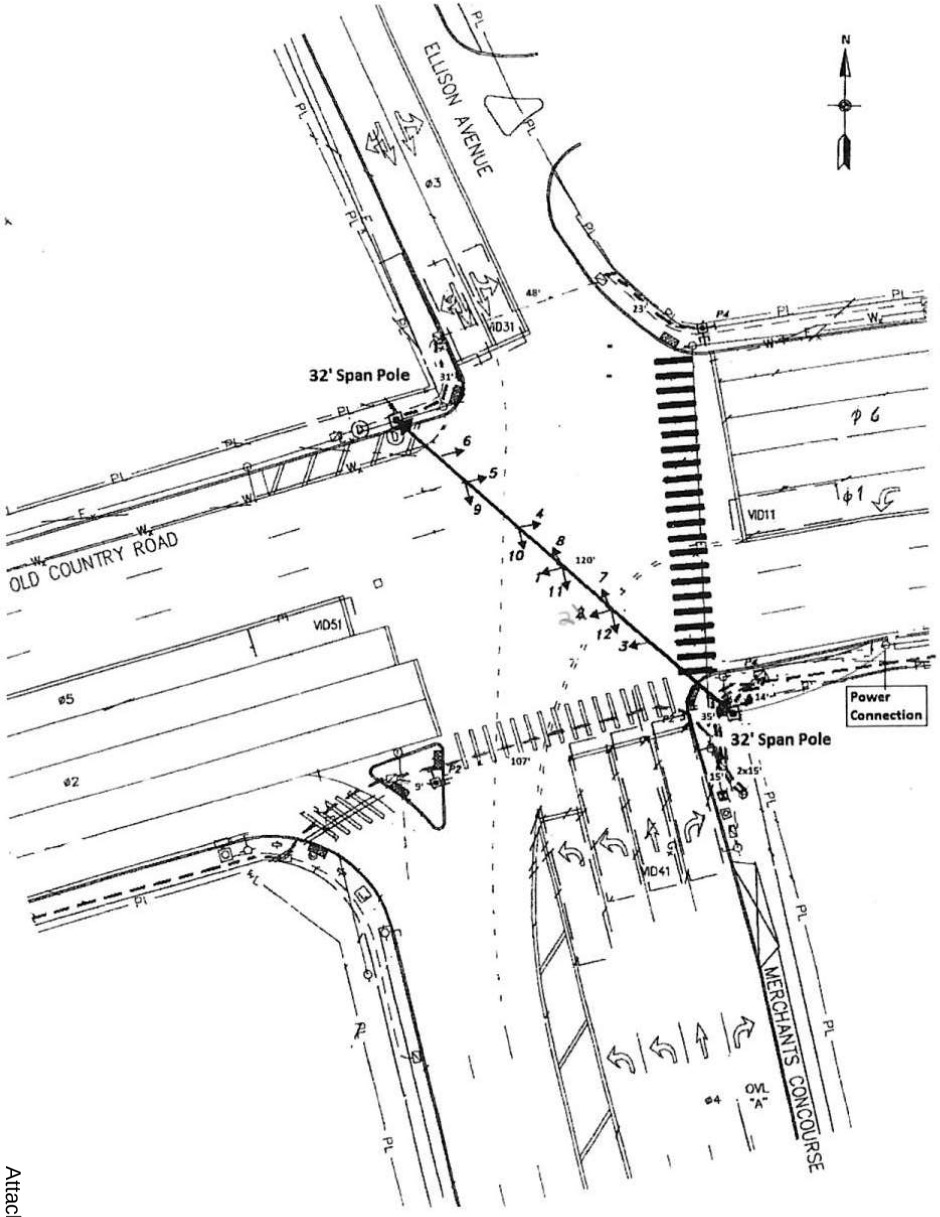
Phase	1	2	3	4	5	6	7	8	9
D 1/S 1 (CL = 160)	26	63	26	45	26	63	26	45	0
D 1/S 2 (CL = 140)	23	54	23	40	23	54	23	40	0
D 1/S 3 (CL = 140)	23	45	23	40	23	45	23	40	9
D 3/S 1 (CL = 160)	26	63	26	45	26	63	26	45	0

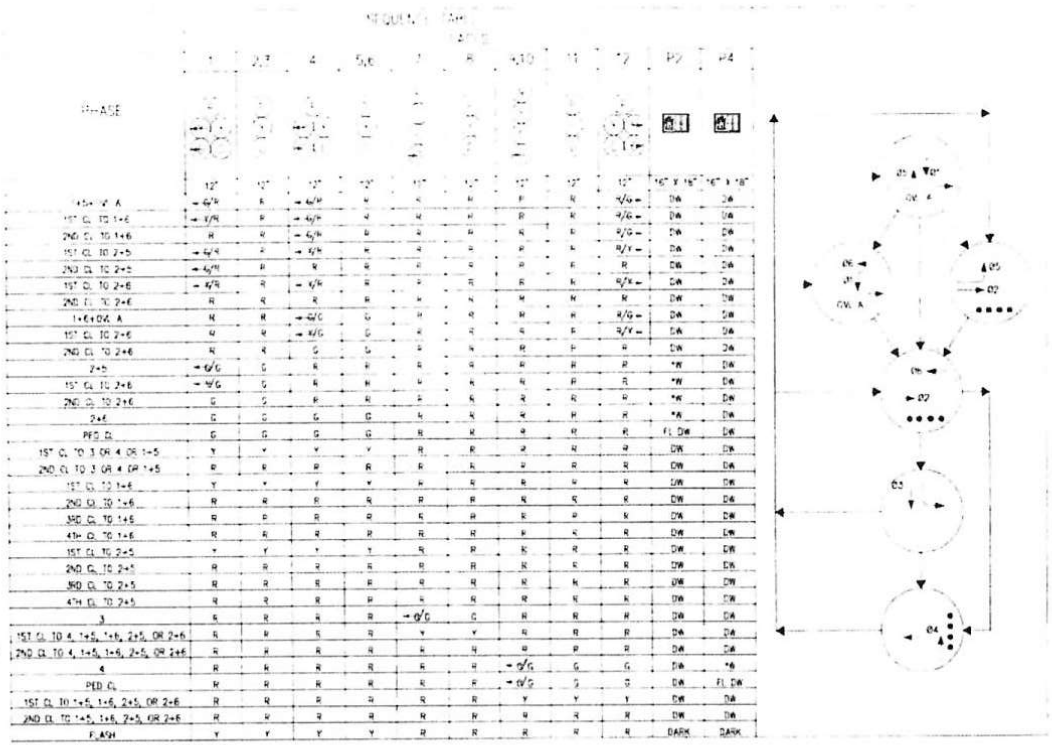
Plan	Offset
1/1/1	13
1/1/3	69
1/2/2	23
1/3/1	80
1/3/3	0
3/1/2	21

Plan	Offset
1/1/2	21
1/2/1	100
1/2/3	84
1/3/2	0
3/1/1	13
3/1/3	69

Plan	Offset

Loc 28





ø2+ø6 - SHALL BE ON MINIMUM RECALL

* - APPEARS ONLY UPON PEDESTRIAN PUSHBUTTON ACTUATION

- CALLS TO PHASE 1 OR 5 FROM 2 & 6 SHALL BE REDIRECTED TO CALL THE SEQUENCE AS SHOWN

- PHASES 1 OR 5 SHALL BE OMITTED ONLY WHEN CALLED FROM PHASES 2 & 6, CALLING TEMPORARY PHASE 9 WHICH SHALL THEN DROP THE OMIT. PHASE 9 SHALL CALL THE 3RD & 4TH CLEARANCES AS SHOWN. CALLS TO ANY OTHER PHASE SHALL DROP THE OMIT, NOT CALL PHASE 9, AND CYCLE TO THE PHASES CALLED.

NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING – TRAFFIC ENGINEERING UNIT

OLD COUNTRY ROAD @
ELLISON AVENUE
TRAFFIC SIGNAL PLAN
WESTBURY – SIGNAL NO. 3133

Attachment S-232

Nassau County Department of Public Works

Traffic Signal Timing Report

Loc 29

Intersection: OCR @ Merrick Ave **Zone 16**

Signal Number: 3043

Phase	1	2	3	4	5	6	7	8	9
Minimum Green	3	20	3	10	3	20	3	10	1
Passage Time	2.00	0.00	2.00	3.00	2.00	0.00	2.00	3.00	0.00
Yellow Clearance	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.00
Red Clearance	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	0.00
Max 1	25	22	13	36	13	22	13	36	0
Max 2	25	22	13	36	13	22	13	36	0
Walk Time	0	10	0	7	0	10	0	0	0
Ped Clearance	0	21	0	29	0	21	0	0	0
Pedestrian Recall	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Vehicle Recall	OFF	Min	OFF	OFF	OFF	Min	OFF	OFF	OFF
Non-Lock Memory	True	False	True	True	True	False	True	True	False

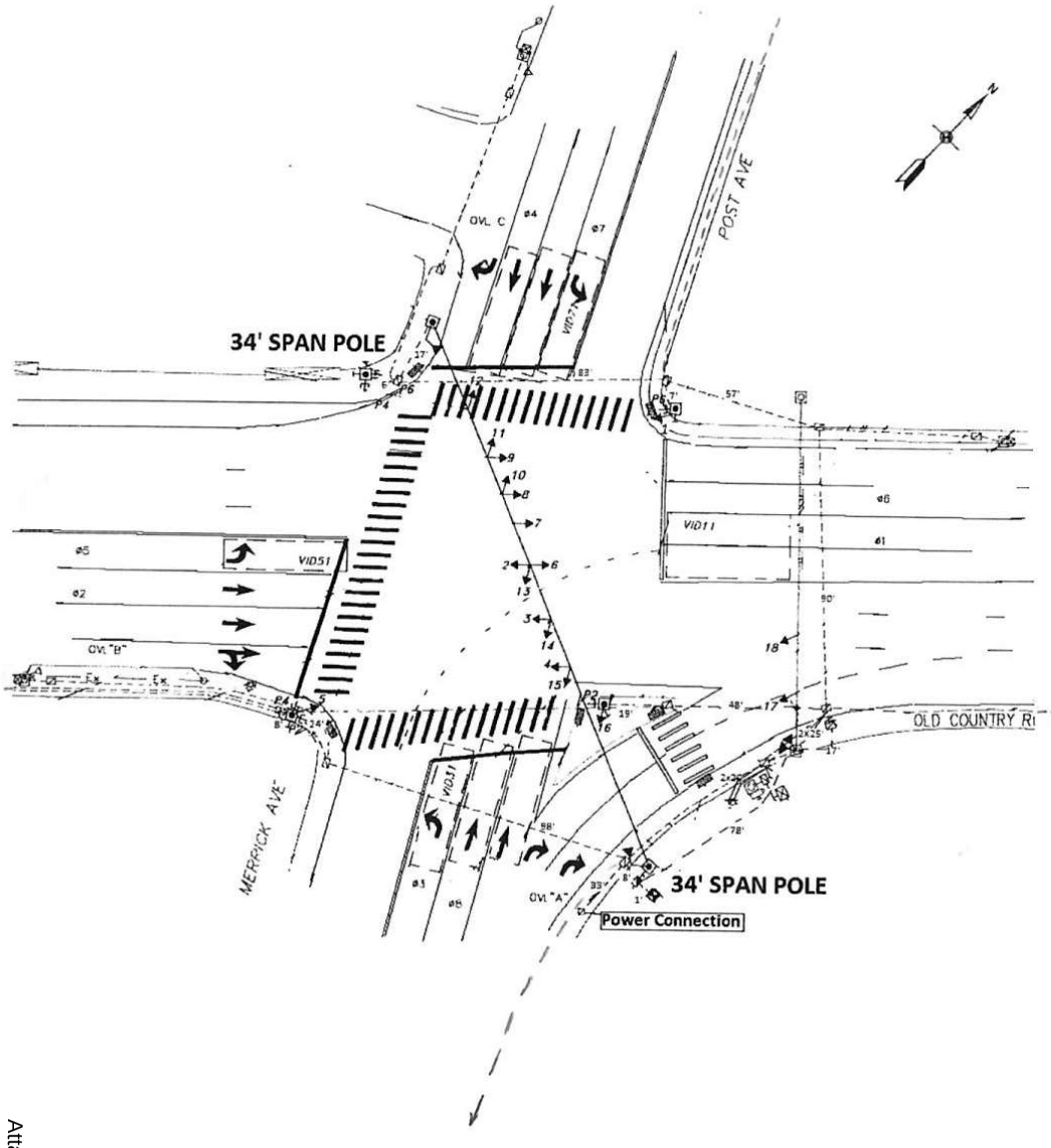
Phase	1	2	3	4	5	6	7	8	9
D 1/S 1 (CL = 120)	27	41	22	30	27	41	22	30	0
D 1/S 2 (CL = 140)	29	49	20	42	29	49	20	42	0
D 1/S 3 (CL = 140)	24	40	23	44	24	40	23	44	9
D 3/S 1 (CL = 160)	33	57	22	48	33	57	22	48	0

Plan	Offset
1/1/1	0
1/1/3	0
1/2/2	26
1/3/1	83
1/3/3	0
3/1/2	9

Plan	Offset
1/1/2	0
1/2/1	83
1/2/3	83
1/3/2	0
3/1/1	12
3/1/3	77

Plan	Offset

Loc 29

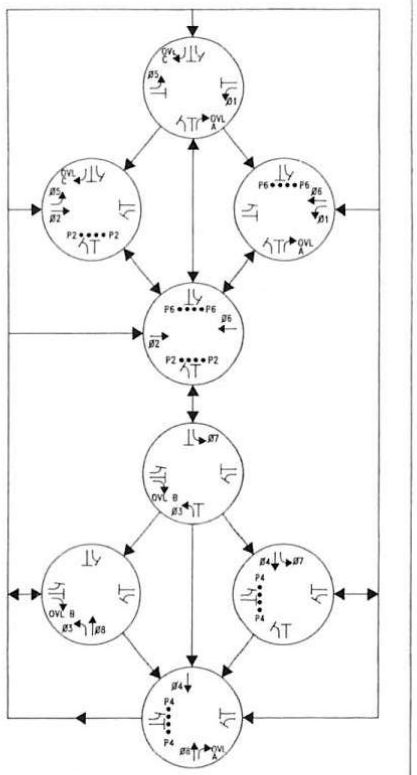


SEQUENCE TABLE

FRAME	FACES 1	3	4	5&7	6	10	11	12	13	14,15	16,17,18	P2	P4	P6
	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	18"x18"	18"x18"	18"x18"
01&05+OVL A&OVL C	⊕	R	R	⊕	R	R	R	R/⊕	R	R	⊕	DW	DW	DW
1st CL to 02&05 OVL C	⊕	R	R	↓	R	R	R	R/⊕	R	R	↓	DW	DW	DW
2nd CL to 02&05 OVL C	⊕	R	R	→	R	R	R	R/⊕	R	R	R	DW	DW	DW
1st CL to 01&06 OVL A	↓	R	R	⊕	R	R	R	R/↓	R	R	⊕	DW	DW	DW
2nd CL to 01&06 OVL A	→	R	R	⊕	R	R	R	R	R	R	⊕	DW	DW	DW
1st CL to 02&06	↓	R	R	↓	R	R	R	R/↓	R	R	↓	DW	DW	DW
2nd CL to 02&06	→	R	R	→	R	R	R	R	R	R	R	DW	DW	DW
02&05+OVL C	⊕	G	G	→	R	R	R	R/⊕	R	R	R	*W	DW	DW
1st CL to 02&06	↓	G	G	→	R	R	R	R/↓	R	R	R	*W	DW	DW
1st CL to 02&06	→	G	G	→	R	R	R	R	R	R	R	*W	DW	DW
01&06+OVL A	→	R	R	⊕	G	R	R	R	R	R	⊕	DW	DW	*W
1st CL to 02&06	→	R	R	↓	G	R	R	R	R	R	↓	DW	DW	*W
2nd CL to 02&06	→	R	R	→	G	R	R	R	R	R	R	DW	DW	*W
02&06	→	G	G	→	G	R	R	R	R	R	R	*W	DW	*W
PED CL	→	G	G	→	G	R	R	R	R	R	R	FLDW	DW	FLDW
1st CL to 03&07 OVL B	→	Y	Y	→	Y	R	R	R	R	R	R	DW	DW	DW
2nd CL to 03&07 OVL B	→	R	R	→	R	R	R	R	R	R	R	DW	DW	DW
1st CL to 03&08 OVL B	→	Y	Y	→	Y	R	R	R	R	R	R	DW	DW	DW
2nd CL to 03&08 OVL B	→	R	R	→	R	R	R	R	R	R	R	DW	DW	DW
1st CL to 04&07	→	Y	Y	→	Y	R	R	R	R	R	R	DW	DW	DW
2nd CL to 04&07	→	R	R	→	R	R	R	R	R	R	R	DW	DW	DW
1st CL to 04&08 or 01&05 OVL A&C	→	Y	Y	→	Y	R	R	R	R	R	R	DW	DW	DW
2nd CL to 04&08 or 01&05 OVL A&C	→	R	R	→	R	R	R	R	R	R	R	DW	DW	DW
1st CL to 02&05	→	Y	G	→	Y	R	R	R	R	R	R	DW	DW	DW
2nd CL to 02&05	→	R	G	→	R	R	R	R	R	R	R	DW	DW	DW
1st CL to 01&06 OVL A	→	Y	Y	→	G	R	R	R	R	R	R	DW	DW	DW
2nd CL to 01&06 OVL A	→	R	R	→	G	R	R	R	R	R	R	DW	DW	DW
03&07+OVL B	→	R	R/⊕	→	R	→/R	R	R	→/R	R	R	DW	DW	DW
1st CL to 04&07	→	R	R/↓	→	R	→/R	R	R	→/R	R	R	DW	DW	DW
2nd CL to 04&07	→	R	R	→	R	→/R	R	R	R	R	R	DW	DW	DW
1st CL to 03&08	→	R	R/⊕	→	R	→/R	R	R	→/R	R	R	DW	DW	DW
2nd CL to 03&08	→	R	R/⊕	→	R	R	R	R	→/R	R	R	DW	DW	DW
1st CL to 04&08	→	R	R/↓	→	R	→/R	R	R	→/R	R	R	DW	DW	DW
2nd CL to 04&08	→	R	R	→	R	R	R	R	R	R	R	DW	DW	DW
1st CL to 01&05 OVL A&C or 02&05 OVL A	→	R	R/↓	→	R	→/R	R	R	→/R	R	R	DW	DW	DW
2nd CL to 01&05 OVL A&C or 02&05 OVL A	→	R	R	→	R	R	R	R	R	R	R	DW	DW	DW
03&08+OVL A&B	→	R	R/⊕	→	R	R	R	R	→/G	G	⊕	DW	DW	DW
1st CL to 04&08	→	R	R/↓	→	R	R	R	R	→/G	G	⊕	DW	DW	DW
2nd CL to 04&08	→	R	R	→	R	R	R	R	G	G	⊕	DW	DW	DW
1st CL to 01&05 OVL A&C or 01&05 OVL A	→	R	R/↓	→	R	R	R	R	→/Y	Y	⊕	DW	DW	DW
2nd CL to 01&05 OVL A&C or 01&05 OVL A	→	R	R	→	R	R	R	R	R	R	⊕	DW	DW	DW
1st CL to 02&05 OVL C or 02&06	→	R	R/↓	→	R	R	R	R	→/Y	Y	↓	DW	DW	DW
2nd CL to 02&05 OVL C or 02&06	→	R	R	→	R	R	R	R	R	R	R	DW	DW	DW
04&07	→	R	R	→	R	→/G	G	G	R	R	R	DW	*W	DW
1st CL to 04&08	→	R	R	→	R	→/G	G	G	R	R	R	DW	*W	DW
2nd CL to 04&08	→	R	R	→	R	G	G	G	R	R	R	DW	*W	DW
PED CL	→	R	R	→	R	→/G	G	G	R	R	R	DW	FLDW	DW
1st CL to 01&05 OVL A&C or 02&05 OVL B	→	R	R	→	R	→/Y	Y	Y	R	R	R	DW	DW	DW
2nd CL to 01&05 OVL A&C or 02&05 OVL C	→	R	R	→	R	R	R	R	R	R	R	DW	DW	DW
1st CL to 01&06 OVL A or 02&06	→	R	R	→	R	→/Y	Y	Y	R	R	R	DW	DW	DW
2nd CL to 01&06 OVL A or 02&06	→	R	R	→	R	R	R	R	R	R	R	DW	DW	DW
04&08+OVL A	→	R	R	→	R	G	G	G	G	G	⊕	DW	*W	DW
PED CL	→	R	R	→	R	G	G	G	G	G	⊕	DW	FLDW	DW
1st CL to 01&05 OVL A&C, 02&05 OVL B, 01&06 OVL A or 02&06	→	R	R	→	R	Y	Y	Y	Y	Y	→	DW	DW	DW
2nd CL to 01&05 OVL A&C, 02&05 OVL B, 01&06 OVL A or 02&06	→	R	R	→	R	R	R	R	R	R	R	DW	DW	DW
FLASHING	→	Y	Y	→	Y	R	R	R	R	R	R	DARK	DARK	DARK

Ø2 & Ø6 - SHALL BE ON MINIMUM RECALL

* - APPEARS ONLY UPON PEDESTRIAN PUSH BUTTON ACTUATION



NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING – TRAFFIC ENGINEERING UNIT

OLD COUNTRY ROAD @
MERRICK AVENUE AND POST AVENUE
TRAFFIC SIGNAL PLAN
WESTBURY – SIGNAL NO. 3043

Same phasing and timing for all peak hours.

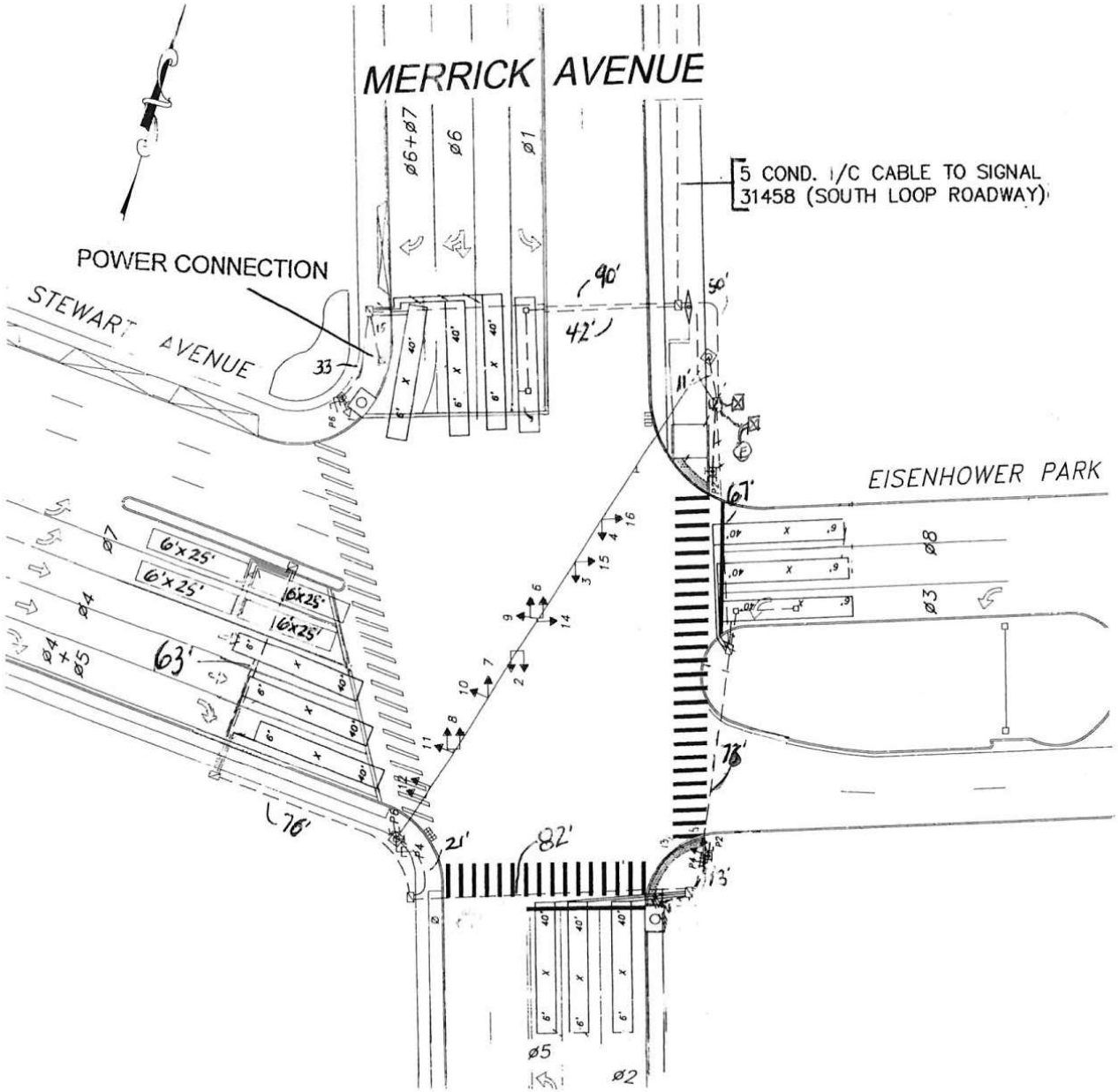
NASSAU COUNTY OFFICIAL T.S.L. TIMING RECORD

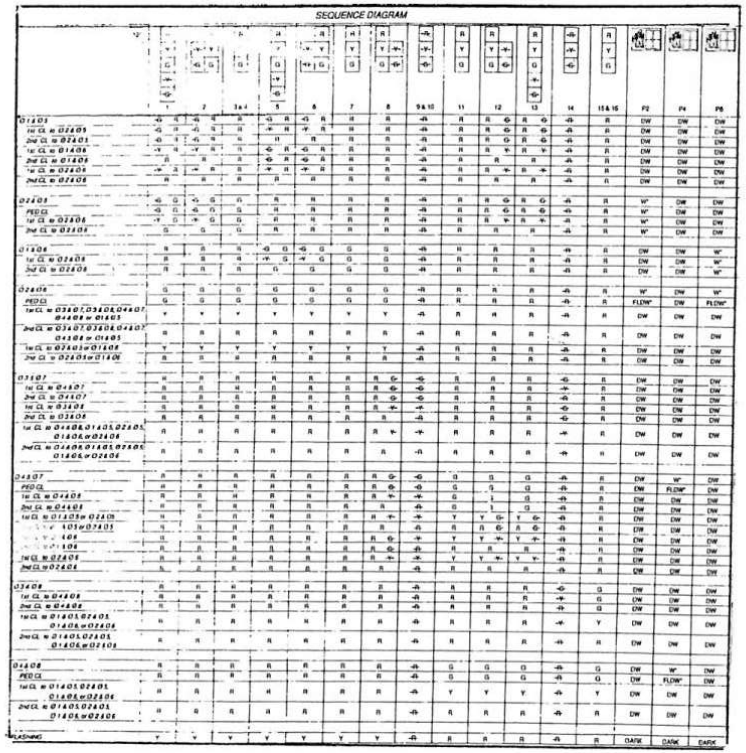
Intersection: Merrick Avenue, Stewart Avenue & Eisenhower Park
Town: East Garden City
Signal No.: 3096
Remarks: F.V.A
Date: 08/19/2015 smd

Loc 30

Intersection Approach	S/B L/T	Merrick N/B	W/B L/T	Stewart E/B	N/B L/T	Merrick S/B	E/B L/T	Park Exit W/B
Phase	1	2	3	4	5	6	7	8
Detector Spacing	Presence	Presence	Presence	Presence	Presence	Presence	Presence	Presence
Minimum Green	3	15	3	8	3	15	5	8
Passage Time	2.0	4.0	2.0	3.0	2.0	4.0	3.0	3.0
Walk	0	6	0	6	0	6	0	0
Pedestrian Clearance	0	26	0	16	0	26	0	0
Maximum Green 1	15	40	20	35	15	40	25	35
Maximum Green 2	15	40	20	35	15	40	25	35
Recall	Off	Min	Off	Off	Off	Min	Off	Off
Memory	Off	On	Off	Off	Off	On	Off	Off
Clearance Yellow	20 3.0	46 4.0	25 3.0	41 4.0	20 3.0	46 4.0	30 3.0	41 4.0
Clearance All Red	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0

Loc 30





NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING – TRAFFIC ENGINEERING UNIT

TRAFFIC SIGNAL PLAN
MERRICK AVENUE
@ STEWART AVENUE & EISENHOWER PARK
EAST GARDEN CITY – SIGNAL No. 3096

SCALE: 1"=20'	DWG. NO: TS 6-14	Modif No:SM 14-11
PREPARED BY:	DRAWN BY: MH	
APPROVED:		DATE:
APPROVED: PE		DATE: 3/18/15

Nassau County Department of Public Works

Traffic Signal Timing Report

Loc 31

Intersection: Stewart @ Endo **Zone 76**

Signal Number: 3596 Same timing and phasing for all peak hours.

Phase	1	2	3	4	5	6	7	8	9
Minimum Green	3	40	8	8	5	40	0	0	0
Passage Time	2.00	4.00	4.00	4.00	3.00	4.00	0.00	0.00	0.00
Yellow Clearance	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.00
Red Clearance	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	0.00
Max 1	15	40	40	40	35	40	0	0	0
Max 2	15	40	40	40	35	40	0	0	0
Walk Time	0	10	8	8	0	10	0	0	0
Ped Clearance	0	30	23	23	0	30	0	0	0
Pedestrian Recall	OFF	Ped	OFF	OFF	OFF	Ped	OFF	OFF	OFF
Vehicle Recall	OFF	Min	OFF	OFF	OFF	Min	OFF	OFF	OFF
Non-Lock Memory	True	False	False	True	True	False	False	False	False

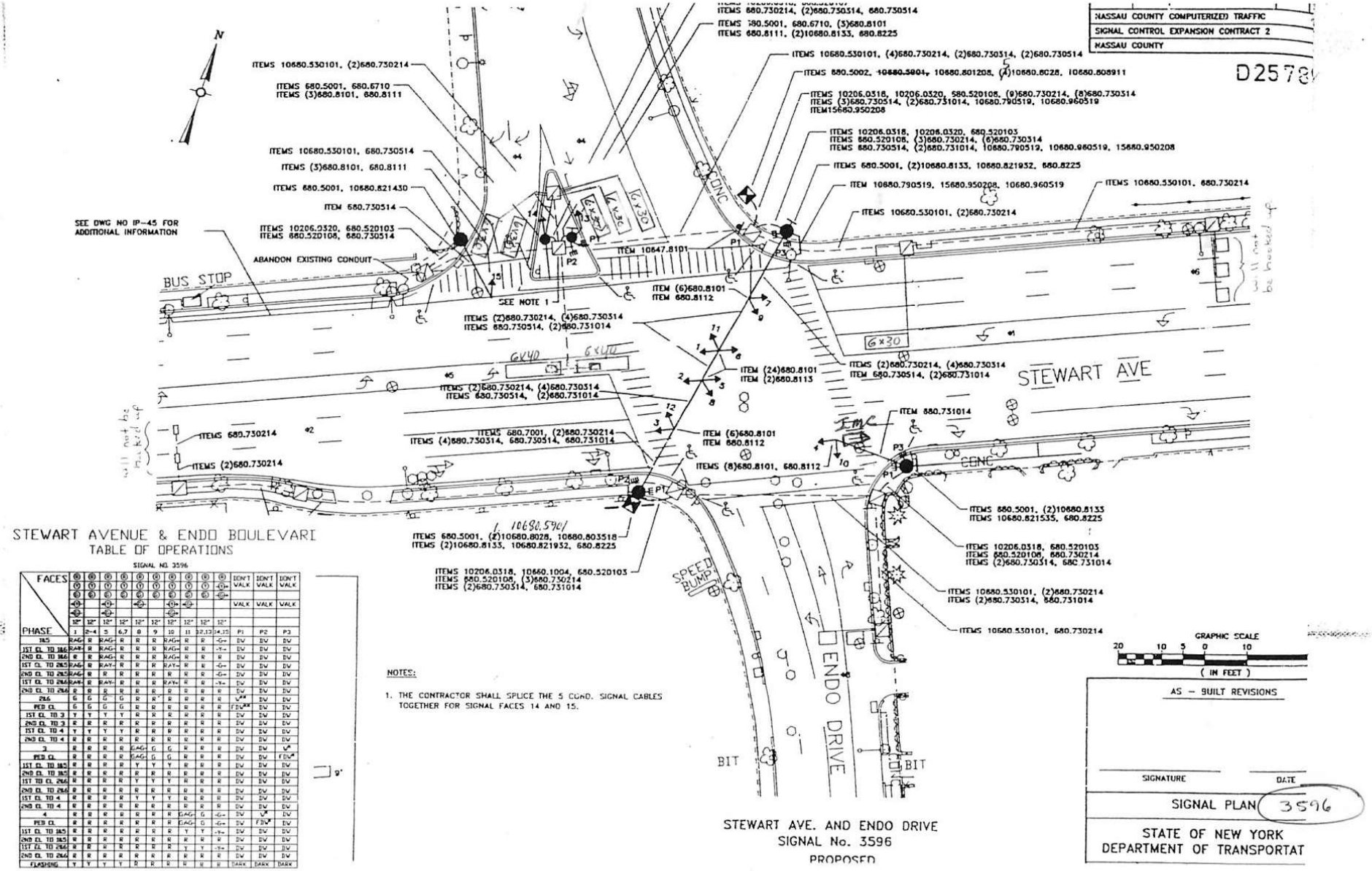
Phase	1	2	3	4	5	6	7	8	9
D 1/S 1 (CL = 140)	24	44	36	36	24	44	0	0	0
D 1/S 3 (CL = 120)	18	42	30	30	17	42	0	0	0
D 2/S 1 (CL = 140)	21	47	36	36	21	47	0	0	0

Plan	Offset
1/1/1	116
1/1/3	28
1/3/2	0
2/1/1	0
2/1/3	0

Plan	Offset
1/1/2	23
1/3/1	60
1/3/3	0
2/1/2	0

Plan	Offset

Loc 31



STEWART AVENUE & ENDO BOULEVARI
TABLE OF OPERATIONS

SIGNAL NO. 3596

FACES	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	DON'T WALK	DON'T WALK	DON'T WALK
	⑫	⑬	⑭	⑮	⑯	⑰	⑱	⑲	⑳	㉑	㉒			
	㉓		㉔		㉕		㉖					WALK	WALK	WALK
	㉗		㉘				㉙							
PHASE	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"				
	1	2-4	5	6,7	8	9	10	11	12,13	14,15	P1	P2	P3	
1&5	RAG-	R	RAG-	R	R	R	RAG-	R	R	-G-	DV	DV	DV	
1ST CL. TO 1&6	RAR-	R	RAG-	R	R	R	RAG-	R	R	-Y-	DV	DV	DV	
2ND CL. TO 1&6	R	R	RAG-	R	R	R	RAG-	R	R	R	DV	DV	DV	
1ST CL. TO 2&5	RAG-	R	RAY-	R	R	R	RAY-	R	R	-G-	DV	DV	DV	
2ND CL. TO 2&5	RAG-	R	R	R	R	R	R	R	R	-G-	DV	DV	DV	
1ST CL. TO 2&6	RAR-	R	RAY-	R	R	R	RAY-	R	R	-Y-	DV	DV	DV	
2ND CL. TO 2&6	R	R	R	R	R	R	R	R	R	R	DV	DV	DV	
2&6	G	G	G	G	R	R*	R	R	R	R	V**	DV	DV	
PED CL.	G	G	G	G	R	R	R	R	R	R	FDV**	DV	DV	
1ST CL. TO 3	Y	Y	Y	Y	R	R	R	R	R	R	DV	DV	DV	
2ND CL. TO 3	R	R	R	R	R	R	R	R	R	R	DV	DV	DV	
1ST CL. TO 4	Y	Y	Y	Y	R	R	R	R	R	R	DV	DV	DV	
2ND CL. TO 4	R	R	R	R	R	R	R	R	R	R	DV	DV	DV	
3	R	R	R	R	RAG-	G	G	R	R	R	DV	DV	V*	
PED CL.	R	R	R	R	RAG-	G	G	R	R	R	DV	DV	FDV*	
1ST CL. TO 1&5	R	R	R	R	R	Y	Y	R	R	R	DV	DV	DV	
2ND CL. TO 1&5	R	R	R	R	R	R	R	R	R	R	DV	DV	DV	
1ST TO CL. 2&6	R	R	R	R	Y	Y	Y	R	R	R	DV	DV	DV	
2ND CL. TO 2&6	R	R	R	R	R	R	R	R	R	R	DV	DV	DV	
1ST CL. TO 4	R	R	R	R	Y	Y	Y	R	R	R	DV	DV	DV	
2ND CL. TO 4	R	R	R	R	R	R	R	R	R	R	DV	DV	DV	
4	R	R	R	R	R	R	R	RAG-	G	-G-	DV	V*	DV	
PED CL.	R	R	R	R	R	R	R	RAG-	G	-G-	DV	FDV*	DV	
1ST CL. TO 1&5	R	R	R	R	R	R	R	Y	Y	-Y-	DV	DV	DV	
2ND CL. TO 1&5	R	R	R	R	R	R	R	R	R	R	DV	DV	DV	
1ST CL. TO 2&6	R	R	R	R	Y	Y	Y	R	R	R	DV	DV	DV	
2ND CL. TO 2&6	R	R	R	R	R	R	R	R	R	R	DV	DV	DV	
FLASHING	Y	Y	Y	Y	R	R	R	R	R	R	DARK	DARK	DARK	

*APPEARS ONLY UPON ACTUATION
** #2 & #6 REST IN P1 WALK

NOTES:

1. THE CONTRACTOR SHALL SPLICE THE 5 COND. SIGNAL CABLES TOGETHER FOR SIGNAL FACES 14 AND 15.

STEWART AVE. AND ENDO DRIVE
SIGNAL No. 3596
PROPOSED

Attachment S-238

Nassau County Department of Public Works

Traffic Signal Timing Report

Loc 32

Intersection: Stewart @ Quentin **Zone 76**

Signal Number: 31222 Same phasing and timing every peak hour.

Phase	1	2	3	4	5	6	7	8	9
Minimum Green	5	32	5	12	5	32	5	12	0
Passage Time	3.00	5.00	3.00	4.00	3.00	5.00	3.00	4.00	0.00
Yellow Clearance	3.00	4.00	3.00	4.00	3.00	4.00	3.00	4.00	3.00
Red Clearance	2.00	3.00	2.00	3.00	2.00	3.00	2.00	3.00	0.00
Max 1	25	40	25	37	25	40	25	37	0
Max 2	25	40	25	37	25	40	25	37	0
Walk Time	0	0	0	0	0	0	0	7	0
Ped Clearance	0	0	0	0	0	0	0	30	0
Pedestrian Recall	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Vehicle Recall	OFF	Min	OFF	OFF	OFF	Min	OFF	OFF	OFF
Non-Lock Memory	True	True	True	True	True	True	True	True	False

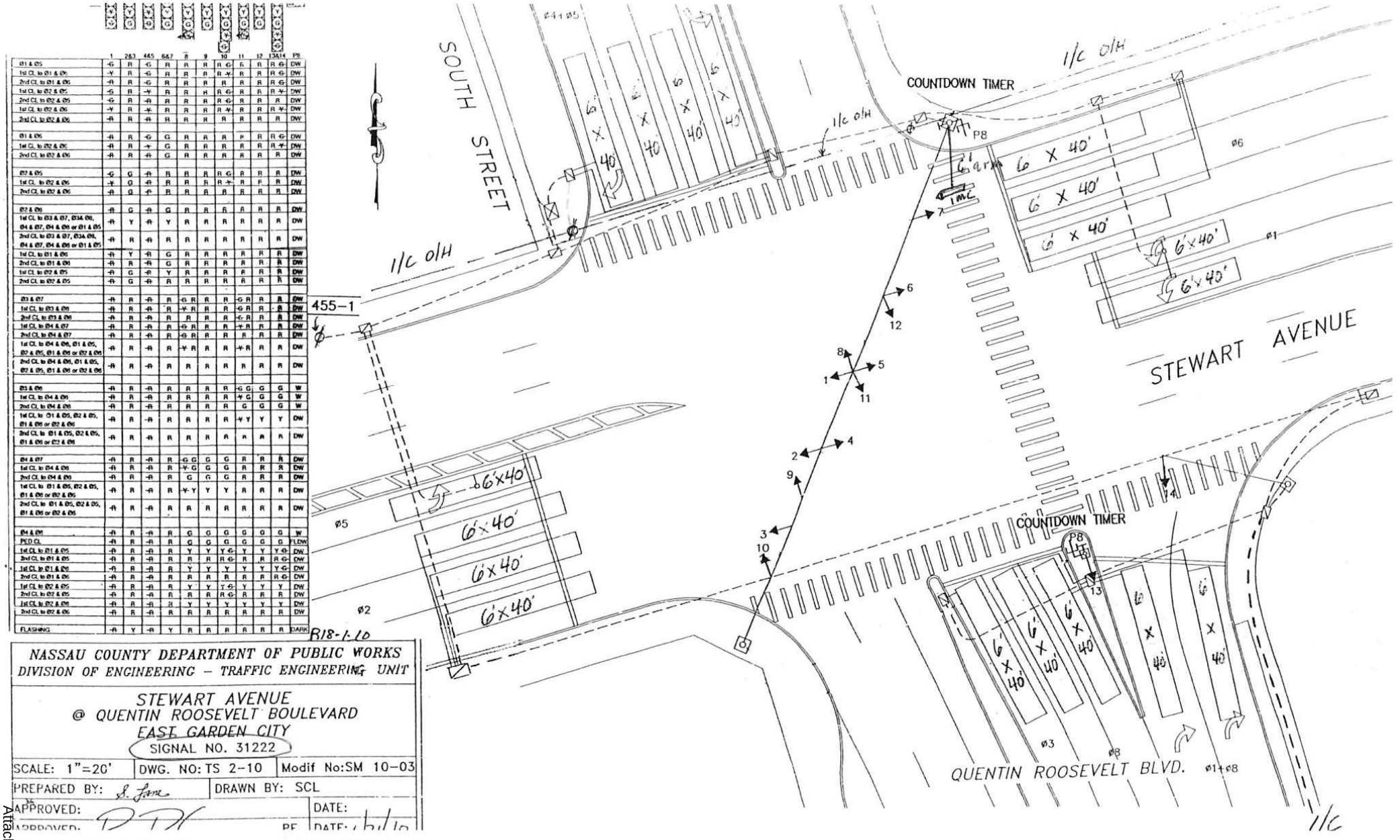
Phase	1	2	3	4	5	6	7	8	9
D 1/S 1 (CL = 140)	25	45	25	45	25	45	25	45	0
D 1/S 3 (CL = 120)	20	40	20	40	20	40	20	40	0
D 2/S 1 (CL = 140)	22	48	22	48	22	48	22	48	0

Plan	Offset
1/1/1	19
1/1/3	100
1/3/2	0
2/1/1	0
2/1/3	0

Plan	Offset
1/1/2	111
1/3/1	51
1/3/3	0
2/1/2	0

Plan	Offset

Loc 32



	1	2&3	4&5	6&7	8	9	10	11	12	13&14	P8	
Ø1 & Ø5	-G	R	-G	R	R	R	R -G	G	R	R -G	DW	
1st CL to Ø1 & Ø5	-Y	R	-G	R	R	R	R -Y	R	R	R -G	DW	
2nd CL to Ø1 & Ø6	-R	R	-G	R	R	R	R	R	R	R -G	DW	
1st CL to Ø2 & Ø5	-G	R	-Y	R	R	R	R -G	R	R	R -Y	DW	
2nd CL to Ø2 & Ø5	-G	R	-R	R	R	R	R -G	R	R	R	DW	
1st CL to Ø2 & Ø6	-Y	R	-Y	R	R	R	R -Y	R	R	R -Y	DW	
2nd CL to Ø2 & Ø6	-R	R	-R	R	R	R	R	R	R	R	DW	
Ø1 & Ø6	-R	R	-G	G	R	R	R	P	R	R -G	DW	
1st CL to Ø2 & Ø6	-R	R	-Y	G	R	R	R	R	R	R -Y	DW	
2nd CL to Ø2 & Ø6	-R	R	-R	G	R	R	R	R	R	R	DW	
Ø7 & Ø5	-G	G	-R	R	R	R	R -G	R	R	R	DW	
1st CL to Ø2 & Ø6	-Y	G	-R	R	R	R	R -Y	R	F	R	DW	
2nd CL to Ø2 & Ø6	-R	G	-R	R	R	R	R	R	R	R	DW	
Ø2 & Ø6	-R	G	-R	G	R	R	R	R	R	R	DW	
1st CL to Ø3 & Ø7, Ø34 Ø8, Ø4 & Ø7, Ø4 & Ø8 or Ø1 & Ø5	-R	Y	-R	Y	R	R	R	R	R	R	DW	
2nd CL to Ø3 & Ø7, Ø34 Ø8, Ø4 & Ø7, Ø4 & Ø8 or Ø1 & Ø5	-R	R	-R	R	R	R	R	R	R	R	DW	
1st CL to Ø1 & Ø8	-R	Y	-R	G	R	R	R	R	R	R	DW	
2nd CL to Ø1 & Ø8	-R	R	-R	G	R	R	R	R	R	R	DW	
1st CL to Ø2 & Ø5	-R	G	-R	Y	R	R	R	R	R	R	DW	
2nd CL to Ø2 & Ø5	-R	G	-R	R	R	R	R	R	R	R	DW	
Ø3 & Ø7	-R	R	-R	R	-G R	R	R	-G R	R	R	DW	
1st CL to Ø3 & Ø8	-R	R	-R	R	-Y R	R	R	-G R	R	R	DW	
2nd CL to Ø3 & Ø8	-R	R	-R	R	R	R	R	-G R	R	R	DW	
1st CL to Ø4 & Ø7	-R	R	-R	R	-G R	R	R	-Y R	R	R	DW	
2nd CL to Ø4 & Ø7	-R	R	-R	R	-G R	R	R	R	R	R	DW	
1st CL to Ø4 & Ø8, Ø1 & Ø5, Ø2 & Ø5, Ø1 & Ø8 or Ø2 & Ø8	-R	R	-R	R	-Y R	R	R	-Y R	R	R	DW	
2nd CL to Ø4 & Ø8, Ø1 & Ø5, Ø2 & Ø5, Ø1 & Ø8 or Ø2 & Ø8	-R	R	-R	R	R	R	R	R	R	R	DW	
Ø3 & Ø8	-R	R	-R	R	R	R	R	-G G	G	G	W	
1st CL to Ø4 & Ø8	-R	R	-R	R	R	R	R	-Y G	G	G	W	
2nd CL to Ø4 & Ø8	-R	R	-R	R	R	R	R	G	G	G	W	
1st CL to Ø1 & Ø5, Ø2 & Ø5, Ø1 & Ø8 or Ø2 & Ø8	-R	R	-R	R	R	R	R	-Y Y	Y	Y	DW	
2nd CL to Ø1 & Ø5, Ø2 & Ø5, Ø1 & Ø8 or Ø2 & Ø8	-R	R	-R	R	R	R	R	R	R	R	DW	
Ø4 & Ø7	-R	R	-R	R	-G G	G	G	R	R	R	DW	
1st CL to Ø4 & Ø8	-R	R	-R	R	-Y G	G	G	R	R	R	DW	
2nd CL to Ø4 & Ø8	-R	R	-R	R	G	G	G	R	R	R	DW	
1st CL to Ø1 & Ø5, Ø2 & Ø5, Ø1 & Ø8 or Ø2 & Ø8	-R	R	-R	R	-Y Y	Y	Y	R	R	R	DW	
2nd CL to Ø1 & Ø5, Ø2 & Ø5, Ø1 & Ø8 or Ø2 & Ø8	-R	R	-R	R	R	R	R	R	R	R	DW	
Ø4 & Ø8	-R	R	-R	R	G	G	G	G	G	G	W	
PED CL	-R	R	-R	R	G	G	G	G	G	G	FLDW	
1st CL to Ø1 & Ø5	-R	R	-R	R	Y	Y	Y G	Y	Y	Y G	DW	
2nd CL to Ø1 & Ø5	-R	R	-R	R	R	R	R G	R	R	R G	DW	
1st CL to Ø1 & Ø6	-R	R	-R	R	Y	Y	Y	Y	Y	Y G	DW	
2nd CL to Ø1 & Ø6	-R	R	-R	R	R	R	R	R	R	R G	DW	
1st CL to Ø2 & Ø5	-R	R	-R	R	Y	Y	Y G	Y	Y	Y	DW	
2nd CL to Ø2 & Ø5	-R	R	-R	R	R	R	R G	R	R	R	DW	
1st CL to Ø2 & Ø6	-R	R	-R	R	Y	Y	Y	Y	Y	Y	DW	
2nd CL to Ø2 & Ø6	-R	R	-R	R	R	R	R	R	R	R	DW	
FLASHING	-R	Y	-R	Y	R	R	R	R	R	R	DARK	

NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING – TRAFFIC ENGINEERING UNIT

STEWART AVENUE
@ QUENTIN ROOSEVELT BOULEVARD
EAST GARDEN CITY
SIGNAL NO. 31222

SCALE: 1"=20'	DWG. NO: TS 2-10	Modif No:SM 10-03
PREPARED BY: S. Jones	DRAWN BY: SCL	
APPROVED:	DATE:	
APPROVED:	DATE: 6/11/10	

Attachment S-240

Nassau County Department of Public Works

Traffic Signal Timing Report

Loc 33

Intersection: Clinton @ Stewart / Osborne **Free**

Signal Number: 3883 Same phasing and timing for each peak hour.

Phase	1	2	3	4	5	6	7	8	9
Minimum Green	10	16	1	16	5	16	0	0	0
Passage Time	2.00	5.00	1.00	4.00	2.00	5.00	0.00	0.00	0.00
Yellow Clearance	3.00	4.00	3.00	4.00	3.00	4.00	4.00	4.00	3.00
Red Clearance	5.00	2.00	2.00	9.90	2.00	2.00	1.00	1.00	0.00
Max 1	22	50	30	45	22	50	0	0	0
Max 2	22	50	30	45	22	50	0	0	0
Walk Time	0	0	10	1	0	0	0	0	0
Ped Clearance	0	0	18	1	0	0	0	0	0
Pedestrian Recall	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Vehicle Recall	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Non-Lock Memory	False	False	True	False	True	False	False	False	False

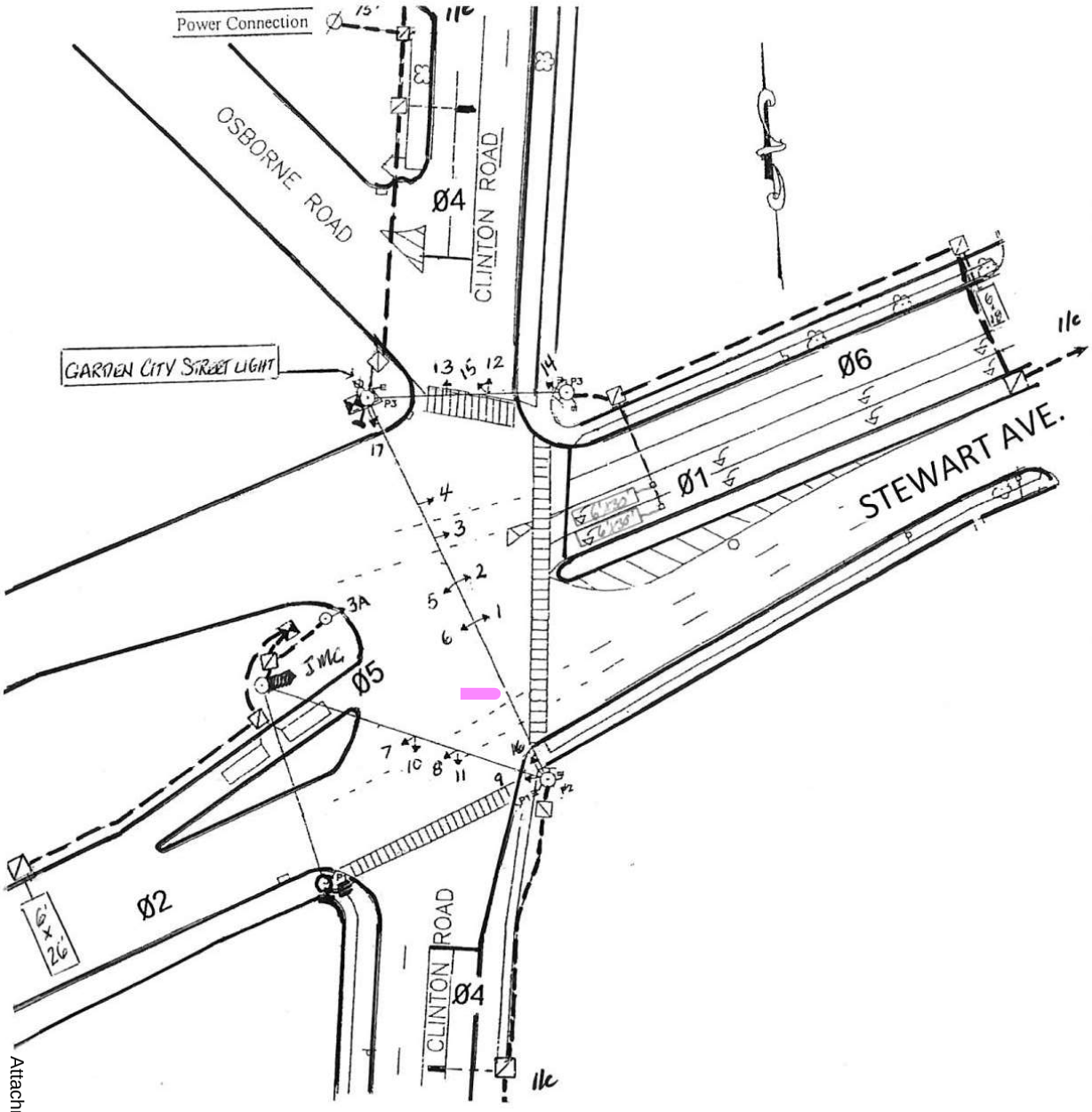
Phase	1	2	3	4	5	6	7	8	9
D 1/S 1 (CL = 90)	16	31	11	32	16	31	0	0	0
D 1/S 4 (CL = 110)	16	51	11	32	16	51	0	0	0
D 2/S 2 (CL = 120)	28	31	11	50	28	31	0	0	0

Plan	Offset
1/1/1	0
1/1/3	0
1/4/2	49
2/2/1	19
2/2/3	0

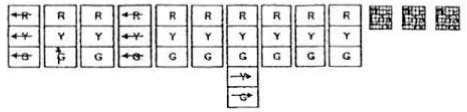
Plan	Offset
1/1/2	0
1/4/1	75
1/4/3	5
2/2/2	0

Plan	Offset

Loc 33



Stewart Ave., Clinton Rd. & Osborne Rd., Garden City
Signal No. 3883



LINE#	FACES	1-2	3-3A	4	5-6	7-9	10	11	12-13	14-15	16-17	P1	P2	P3	LINE#
1	ø1 & ø5	~~G~~	R	R	~~G~~	R	R	R G	R	R	R	DW	DW	DW	1
2	*1st CL to ø1 & ø6*	~~G~~	R	R	~~Y~~	R	R	R G	R	R	R	DW	DW	DW	2
3	*2nd CL to ø1 & ø6*	~~G~~	R	R	~~R~~	R	R	R G	R	R	R	DW	DW	DW	3
4	*1st CL to ø2 & ø5*	~~Y~~	R	R	~~G~~	R	R	R Y	R	R	R	DW	DW	DW	4
5	*2nd CL to ø2 & ø5*	~~R~~	R	R	~~G~~	R	R	R	R	R	R	DW	DW	DW	5
6	*1st CL to ø2 & ø6, ø3 OR ø4*	~~Y~~	R	R	~~Y~~	R	R	R Y	R	R	R	DW	DW	DW	6
7	*2nd CL to ø2 & ø6, ø3 OR ø4*	~~R~~	R	R	~~R~~	R	R	R	R	R	R	DW	DW	DW	7
8															8
9	ø1 & ø6	~~G~~	G	G	~~R~~	R	R	R G	R	R	R	DW	DW	DW	9
10	*1st CL to ø2 & ø6*	~~Y~~	G	G	~~R~~	R	R	R Y	R	R	R	DW	DW	DW	10
11	*2nd CL to ø2 & ø6*	~~R~~	G	G	~~R~~	R	R	R	R	R	R	DW	DW	DW	11
12	*1st CL to ø3, ø4, ø2 & ø5*	~~Y~~	Y	Y	~~R~~	R	R	R Y	R	R	R	DW	DW	DW	12
13	*2nd CL to ø3, ø4, ø2 & ø5*	~~R~~	R	R	~~R~~	R	R	R	R	R	R	DW	DW	DW	13
14	*1st CL to ø1 & ø5*	~~R~~	R	R	~~R~~	R	R	R G	R	R	R	DW	DW	DW	14
15	*2nd CL to ø1 & ø5*	~~R~~	R	R	~~R~~	R	R	R G	R	R	R	DW	DW	DW	15
16															16
17	ø2 & ø5	~~R~~	R	R	~~G~~	G	R	R	R	R	R	DW	DW	DW	17
18	*1st CL to ø2 & ø6*	~~R~~	R	R	~~Y~~	G	R	R	R	R	R	DW	DW	DW	18
19	*2nd CL to ø2 & ø6*	~~R~~	R	R	~~R~~	G	R	R	R	R	R	DW	DW	DW	19
20	*1st CL to ø3, 4, ø1 & ø6*	~~R~~	R	R	~~Y~~	Y	R	R	R	R	R	DW	DW	DW	20
21	*2nd CL to ø3, ø4, ø1 & ø6*	~~R~~	R	R	~~R~~	R	R	R	R	R	R	DW	DW	DW	21
22	*1st CL to ø1 & ø5*	~~R~~	R	R	~~G~~	Y	R	R	R	R	R	DW	DW	DW	22
23	*2nd CL to ø1 & ø5*	~~R~~	R	R	~~G~~	R	R	R	R	R	R	DW	DW	DW	23
24															24
25	ø2 & ø6	~~R~~	G	G	~~R~~	G	R	R	R	R	R	DW	DW	DW	25
27	*1st CL to ø3, ø4, OR ø1 & ø5*	~~R~~	Y	Y	~~R~~	Y	R	R	R	R	R	DW	DW	DW	27
28	*2nd CL to ø3, ø4, OR ø1 & ø5*	~~R~~	R	R	~~R~~	R	R	R	R	R	R	DW	DW	DW	28
29	*1st CL to ø1 & ø6*	~~R~~	G	G	~~R~~	Y	R	R	R	R	R	DW	DW	DW	29
30	*2nd CL to ø1 & ø6*	~~R~~	G	G	~~R~~	R	R	R	R	R	R	DW	DW	DW	30
31	*1st CL to ø2 & ø5*	~~R~~	Y	Y	~~R~~	G	R	R	R	R	R	DW	DW	DW	31
32	*2nd CL to ø2 & ø5*	~~R~~	R	R	~~R~~	G	R	R	R	R	R	DW	DW	DW	32
33															33
34	ø3	~~R~~	R	R	~~R~~	R	R	R	R	R	R	W	W	W	34
35	Ped Cl	~~R~~	R	R	~~R~~	R	R	R	R	R	R	FDW	FDW	FDW	35
36	*1st CL to ø4, ø1 & ø5, ø1 & ø6, ø2 & ø5 OR ø2 & ø6*	~~R~~	R	R	~~R~~	R	R	R	R	R	R	DW	DW	DW	36
37	*2nd CL to ø4, ø1 & ø5, ø1 & ø6, ø2 & ø5 OR ø2 & ø6*	~~R~~	R	R	~~R~~	R	R	R	R	R	R	DW	DW	DW	37
38															38
39	ø4	~~R~~	R	R	~~R~~	R	G	G	G	FL R	G	DW	DW	DW	39
40	*1st CL to ø1 & ø5, OR ø1 & ø6*	~~R~~	R	R	~~R~~	R	Y	Y G	Y	Y	Y	DW	DW	DW	40
41	*2nd CL to ø1 & ø5 OR ø1 & ø6*	~~R~~	R	R	~~R~~	R	R	R G	R	R	R	DW	DW	DW	41
42	*1st CL to ø2 & ø5, ø2 & ø6 OR ø3*	~~R~~	R	R	~~R~~	R	Y	Y	Y	Y	Y	DW	DW	DW	42
43	*2nd CL to ø2 & ø5, ø2 & ø6 OR ø3*	~~R~~	R	R	~~R~~	R	R	R	R	R	R	DW	DW	DW	43
44															44
45	Flash	~~R~~	Y	Y	~~R~~	Y	R	R	R	R	R	Dark	Dark	Dark	45

CLINTON ROAD AND STEWART AVE.
SIGNAL No.3883

Same phasing and timing for each peak hour.

NASSAU COUNTY OFFICIAL T.S.L. TIMING RECORD

Loc 34

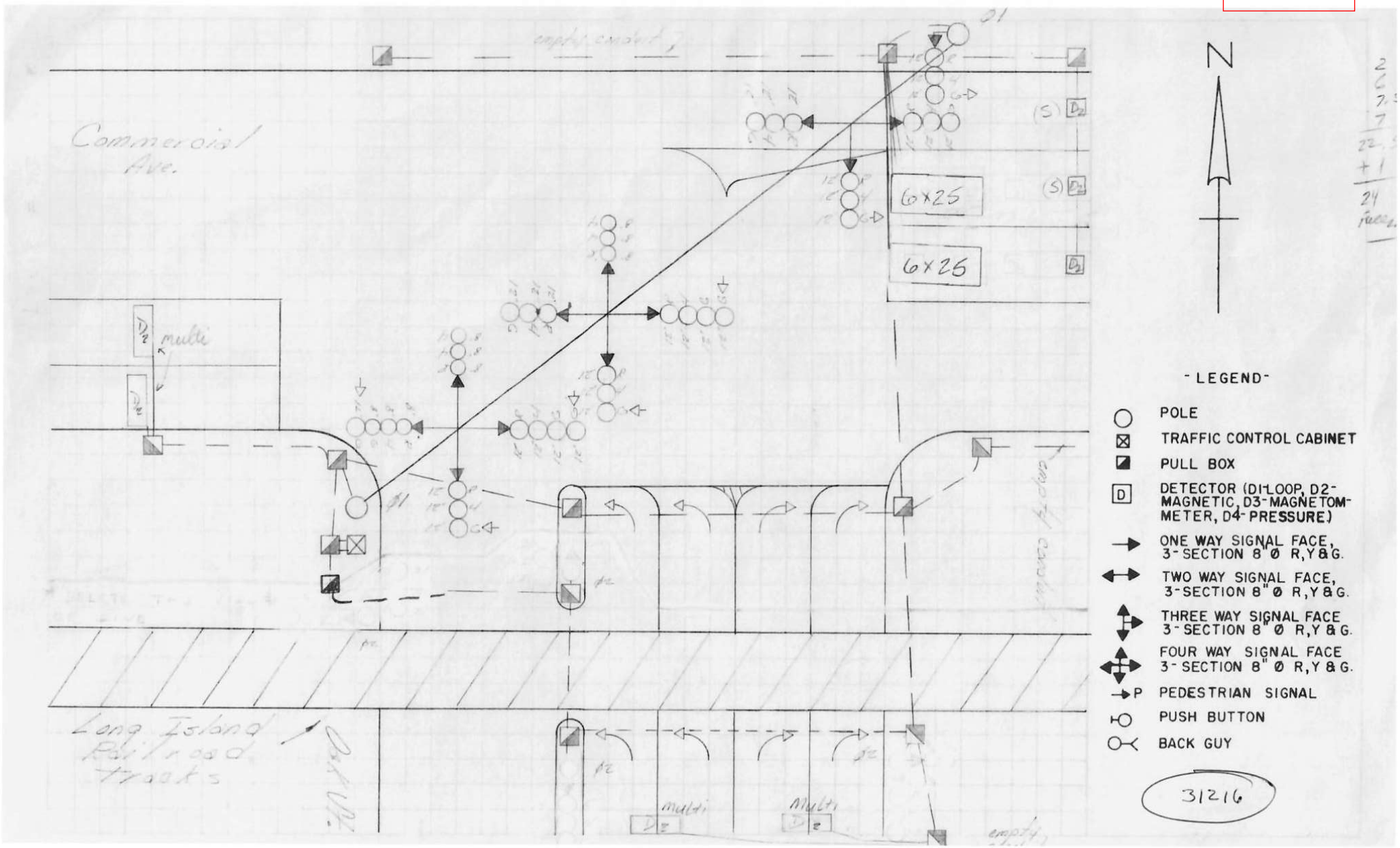
Intersection: Commercial Ave. & Oak St. **Remarks:** No Coord

Town: Garden City **Date:** 8/15/02 smd

Signal No.: 31216

Intersection Approach	Commercial Avenue	W/B L/T & W/B	Oak Street					
Phase	2,6 1	1 2	8 3					
Detector Spacing	120'	Presence	175'					
Minimum Green Minimum Green	12	4	9					
Maximum Initial Seconds per Actuation								
Time Before Reduction								
Passage Time	3.5	3.0	4.5					
Time To Reduce To Min. Gap Set Below								
Minimum Gap								
Walk	1	0	0					
Pedestrian Clearance	0	0	0					
Maximum Green 1 Maximum Green 2	40 40	20 20	30 30					
Recall Memory	Off (0) On	Off (4) Off	Off (0) On					
Clearance (Yellow)	4.0	4.0	4.0					
Clearance All Red	2.0	1.5	2.0					

Loc 34


Commercial Ave.
6x25
6x25
multi
Long Island Railroad tracks
N
- LEGEND -
POLE
TRAFFIC CONTROL CABINET
PULL BOX
DETECTOR (D1-LOOP, D2-MAGNETIC, D3-MAGNETOMMETER, D4-PRESSURE)
ONE WAY SIGNAL FACE, 3-SECTION 8" Ø R,Y&G.
TWO WAY SIGNAL FACE, 3-SECTION 8" Ø R,Y&G.
THREE WAY SIGNAL FACE 3-SECTION 8" Ø R,Y&G.
FOUR WAY SIGNAL FACE 3-SECTION 8" Ø R,Y&G.
P PEDESTRIAN SIGNAL
PUSH BUTTON
BACK GUY
31216

Same phasing and timing for each peak hour.

NASSAU COUNTY OFFICIAL T.S.L. TIMING RECORD

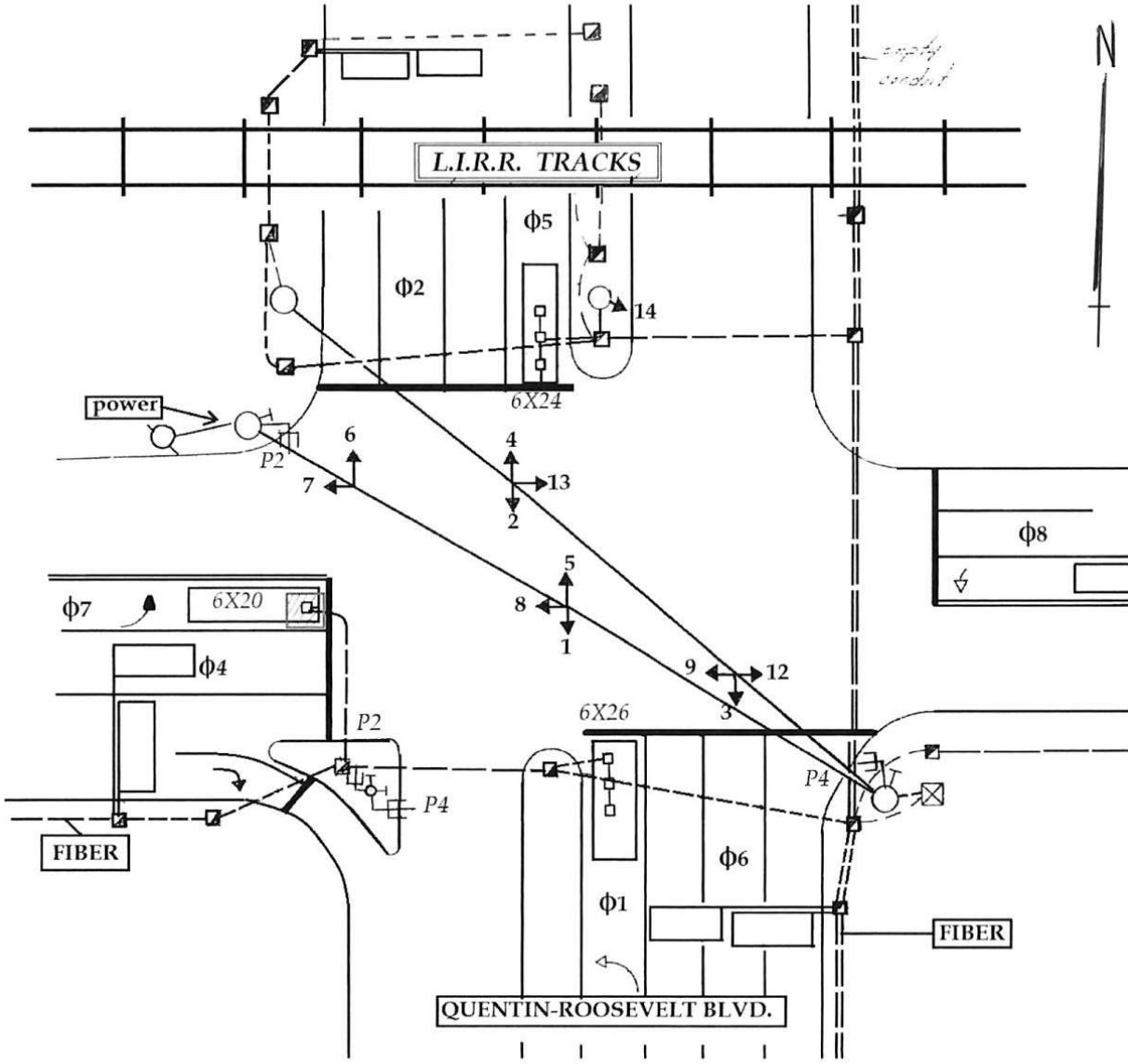
Loc 35

Intersection: Commercial Ave. & Quentin Roosevelt Blvd.
Town: East Garden City
Signal No.: 31299

Remarks: Free Operation
Date: 08/16/2010 smd

Intersection Approach	N/B L/T	Quentin Roosv. S/B		Commercial Ave. E/B	S/B L/T	Quentin Roosv. N/B	E/B L/T	Commercial W/B
Phase	1	2	3	4	5	6	7	8
Detector Spacing	Presence	200' +/-		245' +/-	Presence	125' +/-	Presence	75' +/-
Minimum Green	3	10		10	3	10	6	6
Passage Time	2.0	4.0		5.0	2.0	4.0	2.5	3.0
Walk	1	6		6	0	0	0	0
Pedestrian Clearance	0	20		20	0	0	0	0
Maximum Green 1	15 20	40 46		35 41	15 20	40 46	20 25	25 31
Maximum Green 2	15	40		35	15	40	20	25
Recall	Off (N)	Off (0)		Off (0)	Off (N)	Off (0)	Off (N)	Off (0)
Memory	Off	On		On	Off	On	Off	On
Clearance Yellow	3.0	4.0		4.0	3.0	4.0	3.0	4.0
Clearance All Red	2.0	2.0		2.0	2.0	2.0	2.0	2.0

Loc 35



Sequence Table – Signal No. 31299

Phase	Face 1	Face 4	Face 2,3	Face 5	Face 6	Face 7–8	Face 9	Face 12–14	P2 16"X18"	P4 16"X18"
	12"	12"	12"	12"	12"	12"	12"	12"		
φ1+φ5	+φ R	+φ R	R	R	R	R	R	R	DW	DW
1st. CL	+Y R	+Y R	R	R	R	R	R	R	DW	DW
2nd. CL	R	R	R	R	R	R	R	R	DW	DW
φ2+φ6	+φ G	R	G	R	R	R	R	R	DW	DW
1st. CL	+Y G	R	G	R	R	R	R	R	DW	DW
2nd. CL	G	R	G	R	R	R	R	R	DW	DW
φ2+φ5	R	+φ G	R	G	R	R	R	R	DW	DW
1st. CL	R	+Y G	R	G	R	R	R	R	DW	DW
2nd. CL	R	G	R	G	R	R	R	R	DW	DW
φ2+φ6	G	G	G	G	G	R	R	R	WK*	DW
PED. CL	G	G	G	G	G	R	R	R	FLDW*	DW
1st. CL	R	R	Y	Y	Y	R	R	R	DW	DW
2nd. CL	R	R	R	R	R	R	R	R	DW	DW
φ4+φ8+OVL A	R	R	R	R	R +φ	+φ G	G	R	DW	DW
1st. CL	R	R	R	R	R +Y	+Y G	G	R	DW	DW
2nd. CL	R	R	R	R	R	G	G	R	DW	DW
φ3+φ7	R	R	R	R	R	G	G	G	DW	WK*
PED. CL	R	R	R	R	R	G	G	G	DW	FLDW*
1st. CL	R	R	R	R	R	Y	Y	Y	DW	DW
2nd. CL	R	R	R	R	R	R	R	R	DW	DW
FLASHING	FLY	FLY	FLY	FLY	FLY	FLR	FLR	FLR	FLR	FLR

NOTE: #2+#6 SHALL BE PLACED ON RECALL
* APPEARS ONLY UPON PEDESTRIAN PUSH BUTTON ACTUATION

COUNTY OF NASSAU
DEPARTMENT OF PUBLIC WORKS

PEDESTRIAN AND BICYCLE PATHWAY
PROJECT PHASE ONE

TRAFFIC SIGNAL PLAN
QUENTIN ROOSEVELT BLVD AT COMMERCIAL AVE
SIGNAL NO. 31299

GARDEN CITY / UNIONDALE

TOWN OF HEMPSTEAD

SCALE | DATE

Same phasing and timing for all peak hours

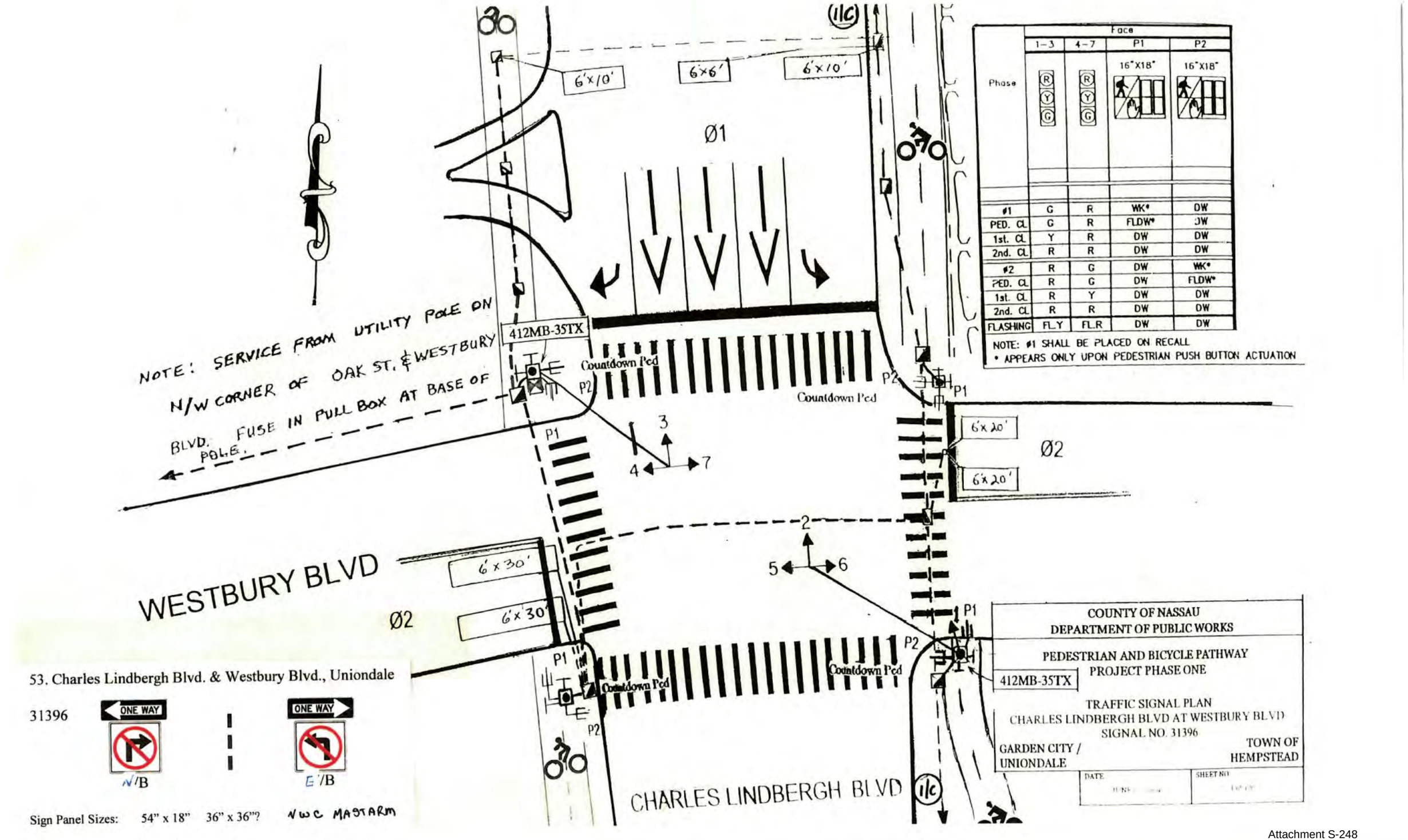
NASSAU COUNTY OFFICIAL T.S.L. TIMING RECORD

Loc 36

Intersection: Charles Lindbergh Blvd. & Westbury Blvd.
Town: Uniondale
Signal No.: 31396

Remarks: Free Operation
Date: 08/16/2010 smd

Intersection Approach	Charles Lindbergh	Westbury & Parking Lot
	6	4,8
Phase	1	2
Detector Spacing	280'	15'
Minimum Green	25	8
Maximum Initial		
Seconds per Actuation		
Time Before Reduction		
Passage Time	7.0	3.0
Time To Reduce To		
Min. Gap Set Below		
Minimum Gap		
Walk	6	6
Pedestrian Clearance	16	16
Maximum Green 1	40	35
Maximum Green 2	40	35
Recall	On (1)	Off (4)
Memory	On	Off
Clearance (Yellow)	4.0	4.0
Clearance All Red	2.0	2.0



Phase	Face 1-3	Face 4-7	P1 16"X18"	P2 16"X18"
	R Y G	R Y G		
ø1	G	R	WK*	DW
PED. CL	G	R	FLDW*	DW
1st. CL	Y	R	DW	DW
2nd. CL	R	R	DW	DW
ø2	R	G	DW	WK*
PED. CL	R	G	DW	FLDW*
1st. CL	R	Y	DW	DW
2nd. CL	R	R	DW	DW
FLASHING	FL Y	FL R	DW	DW

NOTE: ø1 SHALL BE PLACED ON RECALL
* APPEARS ONLY UPON PEDESTRIAN PUSH BUTTON ACTUATION

COUNTY OF NASSAU
DEPARTMENT OF PUBLIC WORKS

PEDESTRIAN AND BICYCLE PATHWAY
PROJECT PHASE ONE

412MB-35TX

TRAFFIC SIGNAL PLAN
CHARLES LINDBERGH BLVD AT WESTBURY BLVD
SIGNAL NO. 31396

GARDEN CITY / UNIONDALE

TOWN OF HEMPSTEAD

DATE

SHEET NO

53. Charles Lindbergh Blvd. & Westbury Blvd., Uniondale

31396

Sign Panel Sizes: 54" x 18" 36" x 36"? NWC MASTARM

Loc 45

3056

Phase Times [1.1.1]

	1	2	3	4	5	6	7	8
Min Green	20	5	5	5	5	20		
Gap, Ext		2	2	2	2			
Max 1	60	17	20	30	35	60		
Max 2								
Yel Clearance	4	4	4	4	4	4		
Red Clearance	2	2	2	2	2	2		
Walk	7		7	7		7		
Ped Clearance	25		30	30		25		
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								
Options [1.1.2]	1	2	3	4	5	6	7	8
Enable	ON	ON	ON	ON	ON	ON		
Min Recall								
Max Recall	ON					ON		
Ped Recall								
Soft Recall								
Lock Calls		ON	ON	ON	ON			
Auto Flash Entry								
Auto Flash Exit								
Dual Entry								
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								
Options+ [1.1.3]	1	2	3	4	5	6	7	8
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay	5		5	8		5		

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	180	172	1	1	13	0	0	13	1	25	0	0	0	1	37	0	0	0	1
2	140	45	2	1	14	0	0	14	1	26	0	0	0	1	38	0	0	0	1
3	170	147	3	1	15	0	0	15	1	27	0	0	0	1	39	0	0	0	1
4	120	8	4	1	16	0	0	16	1	28	0	0	0	1	40	0	0	0	1
5	0	0	5	1	17	0	0	17	1	29	0	0	0	1	41	0	0	0	1
6	0	0	6	1	18	0	0	18	1	30	0	0	0	1	42	0	0	0	1
7	0	0	7	1	19	0	0	19	1	31	0	0	0	1	43	0	0	0	1
8	0	0	8	1	20	0	0	20	1	32	0	0	0	1	44	0	0	0	1
9	180	86	9	1	21	0	0	21	1	33	0	0	0	1	45	0	0	0	1
10	180	94	10	1	22	0	0	22	1	34	0	0	0	1	46	0	0	0	1
11	0	0	11	1	23	0	0	23	1	35	0	0	0	1	47	0	0	0	1
12	0	0	12	1	24	0	0	24	1	36	0	0	0	1	48	0	0	0	1
Split		1	2	3	4	5	6	7	8	Split		1	2	3	4	5	6	7	8
1	Coor	91	23	26	40	40	74	30	36	13	Coor	0	0	0	0	0	0	0	0
	1	Max	NON	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
2	Coor	60	20	26	34	34	46	26	34	14	Coor	0	0	0	0	0	0	0	0
	1	Max	NON	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
3	Coor	81	23	26	40	40	64	30	36	15	Coor	0	0	0	0	0	0	0	0
	1	Max	NON	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
4	Coor	54	18	24	24	30	42	24	24	16	Coor	0	0	0	0	0	0	0	0
	1	Max	NON	NON	Min	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
5	Coor	0	0	0	0	0	0	0	0	17	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
6	Coor	0	0	0	0	0	0	0	0	18	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
7	Coor	0	0	0	0	0	0	0	0	19	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
8	Coor	0	0	0	0	0	0	0	0	20	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
9	Coor	91	23	26	40	40	74	30	36	21	Coor	0	0	0	0	0	0	0	0
	1	Max	NON	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
10	Coor	91	23	26	40	40	74	30	36	22	Coor	0	0	0	0	0	0	0	0
	1	Max	NON	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
11	Coor	0	0	0	0	0	0	0	0	23	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
12	Coor	0	0	0	0	0	0	0	0	24	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON

Page#	
1	8 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
1A&1B	16 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
2	Overlaps; Channel Settings; Coord Alt Table+ (values not associated with time-of-day)
3	Detection; Sample Time and Unit Parameters related to detection
4	Preemption and Alternate Phase Time and Phase Options
5	Annual Schedule
6	Day Plans; Action Tables; Coord Alt Table+ (values varied by time-of-day)
7	Communications; Secutiry; I/O Setup
8	Misc - Events/Alarms; Call/Inhibit/Redirect; P/OLAP Auto Flash; CIC; Misc Unit Param

Ring/Startup [1.1.4]

Phs	Ring	Start	Enable
1	1	Green	ON
2	1	Red	ON
3	1	Red	ON
4	1	Red	ON
5	2	Red	ON
6	2	Green	ON
7	2	Red	OFF
8	2	Red	OFF

Coord Modes [2.1]

Test OpMode	0
Correction	SHRT/LNG
Maximum	MAX 1
Force-Off	FIXED
Closed Loop	ON
Stop-in-Walk	ON
Auto Reset	ON
Expand Splt	OFF
Ped Recycle	NO_RECYCLE
Before	TIMED
After	TIMED

Auto Flash [1.4.1]

Auto Flash	PH OVER
Flash Yel	45
Flash Red	20

Unit Params [1.2.1]

Phase Mode	STD8
IO Mode	User
Loc Flsh Start	Red
Start Flash(s)	0
Start AllRed(s)	6
Yellow < 3"	OFF
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	1
Auxswitch	STOPTM
SDLC Retry	0
TS2 Det Faults	ON
Auto Ped Clear	OFF
SDLC Retry	0

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Times [1.1.1]	1	2	3	4	5	6	7	8
Min Green	20	5	5	5	5	20		
Gap, Ext		2	2	2	2			
Max 1	60	17	20	30	35	60		
Max 2								
Yel Clearance	4	4	4	4	4	4		
Red Clearance	2	2	2	2	2	2		
Walk	7		7	7		7		
Ped Clearance	25		30	30		25		
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								
Options [1.1.2]	1	2	3	4	5	6	7	8
Enable	ON	ON	ON	ON	ON	ON		
Min Recall								
Max Recall	ON					ON		
Ped Recall								
Soft Recall								
Lock Calls		ON	ON	ON	ON			
Auto Flash Entry								
Auto Flash Exit								
Dual Entry								
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								
Options+ [1.1.3]	1	2	3	4	5	6	7	8
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay	5	0	5	8	0	5	0	0

3056 Rt 24 @ Carmen Ave Sig # 103.22

Coord Patterns [2.4] and Split Tables [2.7.1]

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	180	172	1	1	13	0	0	13	1	25	0	0	0	1	37	0	0	0	1
2	140	45	2	1	14	0	0	14	1	26	0	0	0	1	38	0	0	0	1
3	170	147	3	1	15	0	0	15	1	27	0	0	0	1	39	0	0	0	1
4	120	8	4	1	16	0	0	16	1	28	0	0	0	1	40	0	0	0	1
5	0	0	5	1	17	0	0	17	1	29	0	0	0	1	41	0	0	0	1
6	0	0	6	1	18	0	0	18	1	30	0	0	0	1	42	0	0	0	1
7	0	0	7	1	19	0	0	19	1	31	0	0	0	1	43	0	0	0	1
8	0	0	8	1	20	0	0	20	1	32	0	0	0	1	44	0	0	0	1
9	180	86	9	1	21	0	0	21	1	33	0	0	0	1	45	0	0	0	1
10	180	94	10	1	22	0	0	22	1	34	0	0	0	1	46	0	0	0	1
11	0	0	11	1	23	0	0	23	1	35	0	0	0	1	47	0	0	0	1
12	0	0	12	1	24	0	0	24	1	36	0	0	0	1	48	0	0	0	1

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Coor	91	23	26	40	40	74	30	36	0	0	0	0	0	0	0	0
	1	Max	NON	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
2	Coor	60	20	26	34	34	46	26	34	0	0	0	0	0	0	0	0
	1	Max	NON	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
3	Coor	81	23	26	40	40	64	30	36	0	0	0	0	0	0	0	0
	1	Max	NON	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
4	Coor	54	18	24	24	30	42	24	24	0	0	0	0	0	0	0	0
	1	Max	NON	NON	Min	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
5	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
6	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
7	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
8	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
9	Coor	91	23	26	40	40	74	30	36	0	0	0	0	0	0	0	0
		Max	NON	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
10	Coor	91	23	26	40	40	74	30	36	0	0	0	0	0	0	0	0
		Max	NON	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
11	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
12	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
13	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
14	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
15	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
16	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

User Phase Mode

Phase>8 or Rings > 2

Coord Modes [2.1]	
Test OpMode	0
Correction	SHRT/LNG
Maximum	MAX 1
Force-Off	FIXED
Closed Loop	ON
Stop-in-Walk	ON
Auto Reset	ON
Expand Splt	OFF
Ped Recycle	NO_RECYCLE
Before	TIMED
After	TIMED
Auto Flash [1.4.1]	
Auto Flash	PH OVER
Flash Yel	45
Flash Red	20
Unit Params [1.2.1]	
Phase Mode	STD8
IO Mode	User
Loc Flsh Start	Red
Start Flash(s)	0
Start AllRed(s)	6
Yellow < 3"	OFF
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	1
Auxswitch	STOPTM
SDLC RetryTm	0
TS2 Det Faults	ON
Auto Ped Clear	OFF

<- Mode NON is Blank

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Times [1.1.1]	9	10	11	12	13	14	15	16
Min Green								
Gap, Ext								
Max 1								
Max 2								
Yel Clearance	3	4	3	4	3	4	3	4
Red Clearance	2	2	2	2	2	2	2	2
Walk								
Ped Clearance								
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								

Options [1.1.2]	9	10	11	12	13	14	15	16
Enable								
Min Recall								
Max Recall								
Ped Recall								
Soft Recall								
Lock Calls								
Auto Flash Entry								
Auto Flash Exit								
Dual Entry								
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								

Options+ [1.1.3]	9	10	11	12	13	14	15	16
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay								

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1] — Ring/Startup [1.1.4]

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Phs	Ring	Start
17	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	Green
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	2	1	Red
18	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	4	1	Red
19	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	6	2	Green
20	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	2	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	8	2	Red
21	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	10		Red
22	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	12		Red
23	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	14		Red
24	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	16		Red

Concurrency [1.1.4]

Phs	Concurrent Phases										Phs	Concurrent Phases								
1	5	6	0	0	0	0	0	0			9	0	0	0	0	0	0	0	0	
2	5	6	0	0	0	0	0	0			10	0	0	0	0	0	0	0	0	
3	7	8	0	0	0	0	0	0			11	0	0	0	0	0	0	0	0	
4	7	8	0	0	0	0	0	0			12	0	0	0	0	0	0	0	0	
5	1	2	0	0	0	0	0	0			13	0	0	0	0	0	0	0	0	
6	1	2	0	0	0	0	0	0			14	0	0	0	0	0	0	0	0	
7	3	4	0	0	0	0	0	0			15	0	0	0	0	0	0	0	0	
8	3	4	0	0	0	0	0	0			16	0	0	0	0	0	0	0	0	

Note: Expanded Splits are not used because "Expanded Splits" is OFF

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	0	0	1	1	25	0	0	0	1
2	0	0	2	1	26	0	0	0	1
3	0	0	3	1	27	0	0	0	1
4	0	0	4	1	28	0	0	0	1
5	0	0	5	1	29	0	0	0	1
6	0	0	6	1	30	0	0	0	1
7	0	0	7	1	31	0	0	0	1
8	0	0	8	1	32	0	0	0	1
9	0	0	9	1	33	0	0	0	1
10	0	0	10	1	34	0	0	0	1
11	0	0	11	1	35	0	0	0	1
12	0	0	12	1	36	0	0	0	1
13	0	0	13	1	37	0	0	0	1
14	0	0	14	1	38	0	0	0	1
15	0	0	15	1	39	0	0	0	1
16	0	0	16	1	40	0	0	0	1
17	0	0	17	1	41	0	0	0	1
18	0	0	18	1	42	0	0	0	1
19	0	0	19	1	43	0	0	0	1
20	0	0	20	1	44	0	0	0	1
21	0	0	21	1	45	0	0	0	1
22	0	0	22	1	46	0	0	0	1
23	0	0	23	1	47	0	0	0	1
24	0	0	24	1	48	0	0	0	1

Expanded Splits	**OFF**

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

24	Coord	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON
		0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
2	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
3	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
4	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
5	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
6	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
7	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
8	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
9	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
10	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
11	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
12	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
13	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
14	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
15	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
16	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
17	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
18	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
19	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
20	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
21	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
22	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
23	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

Overlap 1-16 Program Parms & Parm+ [1.5.2.1] [1.5.2.2]

Overlap Conflict Lock	OFF	Overlap Lock Inhibit	OFF	Parent Ph Clearance	OFF	Extra Included Ph	ON

	Included Ø	4	5						Type	#NAME?		Included Ø									Type	NORMAL
1	Modifier Ø	4							Grn		9	Modifier Ø									Grn	
	Conflict Ø								Yel	4		Conflict Ø									Yel	3.5
A	Conflict Olap								Red	2	I	Conflict Olap									Red	1.5
	Conflict Ped								LG			Conflict Ped									LG	
	Included Ø								Type	NORMAL		Included Ø									Type	NORMAL
2	Modifier Ø								Grn		10	Modifier Ø									Grn	
	Conflict Ø								Yel	3.5		Conflict Ø									Yel	3.5
B	Conflict Olap								Red	2.2	J	Conflict Olap									Red	1.5
	Conflict Ped								LG			Conflict Ped									LG	
	Included Ø								Type	NORMAL		Included Ø									Type	NORMAL
3	Modifier Ø								Grn		11	Modifier Ø									Grn	
	Conflict Ø								Yel	3		Conflict Ø									Yel	3.5
C	Conflict Olap								Red	2	K	Conflict Olap									Red	1.5
	Conflict Ped								LG			Conflict Ped									LG	
	Included Ø								Type	NORMAL		Included Ø									Type	NORMAL
4	Modifier Ø								Grn		12	Modifier Ø									Grn	
	Conflict Ø								Yel	3		Conflict Ø									Yel	3.5
D	Conflict Olap								Red	2	L	Conflict Olap									Red	1.5
	Conflict Ped								LG			Conflict Ped									LG	
	Included Ø								Type	NORMAL		Included Ø									Type	NORMAL
5	Modifier Ø								Grn		13	Modifier Ø									Grn	
	Conflict Ø								Yel	3.5		Conflict Ø									Yel	3.5
E	Conflict Olap								Red	1.5	M	Conflict Olap									Red	1.5
	Conflict Ped								LG			Conflict Ped									LG	
	Included Ø								Type	NORMAL		Included Ø									Type	NORMAL
6	Modifier Ø								Grn		14	Modifier Ø									Grn	
	Conflict Ø								Yel	3.5		Conflict Ø									Yel	3.5
F	Conflict Olap								Red	1.5	N	Conflict Olap									Red	1.5
	Conflict Ped								LG			Conflict Ped									LG	
	Included Ø								Type	NORMAL		Included Ø									Type	NORMAL
7	Modifier Ø								Grn		15	Modifier Ø									Grn	
	Conflict Ø								Yel	3.5		Conflict Ø									Yel	3.5
G	Conflict Olap								Red	1.5	O	Conflict Olap									Red	1.5
	Conflict Ped								LG			Conflict Ped									LG	
	Included Ø								Type	NORMAL		Included Ø									Type	NORMAL
8	Modifier Ø								Grn		16	Modifier Ø									Grn	
	Conflict Ø								Yel	3.5		Conflict Ø									Yel	3.5
H	Conflict Olap								Red	1.5	P	Conflict Olap									Red	1.5
	Conflict Ped								LG			Conflict Ped									LG	

Channel Settings [1.8.1]

……Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Phase / Olap #	**2**	**6**	**1**		**4**	**3**	**4**	**1**	**6**	**5**	**3**	**1**												
Channel Type	VEH	VEH	VEH	VEH	PED	VEH	VEH	PED	PED	VEH	PED	OLP	VEH	VEH	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Channel Flash	Red	YEL	YEL	Red	DRK	Red	Red	Red	DRK	Red	DRK	Red	Red	Red	Red	Red	DRK	DRK	DRK	DRK	DRK	DRK	DRK	DRK
Alt Hz																								

Channel+ Settings [1.8.4]

……Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Flash Red+																								
Flash Yellow+																								
Flash Green+																								
Flash Inh Red+																								
Olap Ovrd																								

Coord Transition, CoorPhs [2.5]

Pat#	Short	Long	Dwell	No Shortway Ø				E-Yld	Offset	RetHld	Float	Min Veh Perm	Min Ped Perm
1	12	22							EndGRN				
2	12	22							EndGRN				
3	12	22							EndGRN				
4	12	22							EndGRN				
5	12	22							EndGRN				
6	12	22							EndGRN				
7	12	22							EndGRN				
8	12	22							EndGRN				
9	12	22							EndGRN				
10	12	22							EndGRN				
11	12	22							EndGRN				
12	12	22							EndGRN				
13	12	22							EndGRN				
14	12	22							EndGRN				
15	12	22							EndGRN				
16	12	22							EndGRN				
17	12	22							EndGRN				
18	12	22							EndGRN				
19	12	22							EndGRN				
20	12	22							EndGRN				
21	12	22							EndGRN				
22	12	22							EndGRN				
23	12	22							EndGRN				
24	12	22							EndGRN				
25									BegGRN				
26									BegGRN				
27									BegGRN				
28									BegGRN				
29									BegGRN				
30									BegGRN				
31									BegGRN				
32									BegGRN				
33									BegGRN				
34									BegGRN				
35									BegGRN				
36									BegGRN				
37									BegGRN				
38									BegGRN				
39									BegGRN				
40									BegGRN				
41									BegGRN				
42									BegGRN				
43									BegGRN				
44									BegGRN				
45									BegGRN				
46									BegGRN				
47									BegGRN				
48									BegGRN				

Channel Params[1.8.3]

C1 IO Mode	User	Single BIU Map	SINGLE	Invert Rail Input	OFF

Veh Par 1-64 [5.1]

Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time
1	2						45	50	255
2	5						45	50	255
3	5						45	50	255
4	4						45	50	255
5	4						45	50	255
6	4						45	50	255
7	3						45	50	255
8	3						45	50	255
9							45	50	255
10							45	50	255
11							45	50	255
12							45	50	255
13							45	50	255
14							45	50	255
15							45	50	255
16							45	50	255
17							45	50	255
18							45	50	255
19							45	50	255
20							45	50	255
21							45	50	255
22							45	50	255
23							45	50	255
24							45	50	255
25							45	50	255
26							45	50	255
27							45	50	255
28							45	50	255
29							45	50	
30							45	50	
31							45	50	
32							45	50	

Veh Par 1-64 [5.1]

Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time
33							45	50	
34							45	50	
35							45	50	
36							45	50	
37							45	50	
38							45	50	
39							45	50	
40							45	50	
41							45	50	
42							45	50	
43							45	50	
44							45	50	
45							45	50	
46							45	50	
47							45	50	
48							45	50	
49							45	50	
50							45	50	
51							45	50	
52							45	50	
53							45	50	
54							45	50	
55							45	50	
56							45	50	
57							45	50	
58							45	50	
59							45	50	
60							45	50	
61							45	50	
62							45	50	
63							45	50	
64							45	50	

Vehicle Options 1-64 [5.2]

Det #	Call	Ext	Que	Add Init	Red Lock	Yell Lock	occ	vol
1	ON	ON		ON				
2	ON	ON		ON				
3	ON	ON		ON				
4	ON	ON		ON				
5	ON	ON		ON				
6	ON	ON		ON				
7	ON	ON		ON				
8	ON	ON		ON				
9	ON	ON		ON				
10	ON	ON		ON				
11	ON	ON		ON				
12	ON	ON		ON				
13	ON	ON		ON				
14	ON	ON		ON				
15	ON	ON		ON				
16	ON	ON		ON				
17	ON	ON		ON				
18	ON	ON		ON				
19	ON	ON		ON				
20	ON	ON		ON				
21	ON	ON		ON				
22	ON	ON		ON				
23	ON	ON		ON				
24	ON	ON		ON				
25	ON	ON		ON				
26	ON	ON		ON				
27	ON	ON		ON				
28	ON	ON		ON				
29	ON	ON		ON				
30	ON	ON		ON				
31	ON	ON		ON				
32	ON	ON		ON				

Vehicle Options 1-64 [5.2]

Det #	Call	Ext	Que	Add AddInit	Red Lock	Yell Lock	occ	vol
33	ON	ON		ON				
34	ON	ON		ON				
35	ON	ON		ON				
36	ON	ON		ON				
37	ON	ON		ON				
38	ON	ON		ON				
39	ON	ON		ON				
40	ON	ON		ON				
41	ON	ON		ON				
42	ON	ON		ON				
43	ON	ON		ON				
44	ON	ON		ON				
45	ON	ON		ON				
46	ON	ON		ON				
47	ON	ON		ON				
48	ON	ON		ON				
49	ON	ON		ON				
50	ON	ON		ON				
51	ON	ON		ON				
52	ON	ON		ON				
53	ON	ON		ON				
54	ON	ON		ON				
55	ON	ON		ON				
56	ON	ON		ON				
57	ON	ON		ON				
58	ON	ON		ON				
59	ON	ON		ON				
60	ON	ON		ON				
61	ON	ON		ON				
62	ON	ON		ON				
63	ON	ON		ON				
64	ON	ON		ON				

Parameters+ 1-64 [5.3]

Det #	oc G	oc Y	oc R	Dlay 1	Dlay 2	Type	Src
1						NORM	
2						NORM	
3						NORM	
4						NORM	
5						NORM	
6						NORM	
7						NORM	
8						NORM	
9						NORM	
10						NORM	
11						NORM	
12						NORM	
13						NORM	
14						NORM	
15						NORM	
16						NORM	
17						NORM	
18						NORM	
19						NORM	
20						NORM	
21						NORM	
22						NORM	
23						NORM	
24						NORM	
25						NORM	
26						NORM	
27						NORM	
28						NORM	
29						NORM	
30						NORM	
31						NORM	
32						NORM	

Parameters+ 1-64 [5.3]

Det #	occ Grn	occ Yell	occ Red	Dlay 1	Dlay 2	Type	Src
33						NORM	
34						NORM	
35						NORM	
36						NORM	
37						NORM	
38						NORM	
39						NORM	
40						NORM	
41						NORM	
42						NORM	
43						NORM	
44						NORM	
45						NORM	
46						NORM	
47						NORM	
48						NORM	
49						NORM	
50						NORM	
51						NORM	
52						NORM	
53						NORM	
54						NORM	
55						NORM	
56						NORM	
57						NORM	
58						NORM	
59						NORM	
60						NORM	
61						NORM	
62						NORM	
63						NORM	
64						NORM	

Ped Det Parms [5.4]

Det #	Call Ø	No Act	Max Pres	Err Cnt
1	3		15	
2	4		15	
3	6		15	
4	1		15	
5			15	
6			15	
7			15	
8			15	

Unit Paramters [1.2.1]

TS2 Det Faults	ON
Vol/Occ Report Parm [1.5.8]	
Vol/Occ Period Minutes	0
Vol/Occ Period Minutes	15

Rt 24 @ Carmen Ave Sig # 103.22

Preemption Times [3.1], Options+ [3.6]

Pre #	Enable	Type	Output	Delay	MinDura
1	ON	RAIL	Dwell		15
2	ON	RAIL	Dwell		15
3	ON	EMERG	Dwell		5
4	ON	EMERG	Dwell		5
5	ON	EMERG	Dwell		5
6	ON	EMERG	Dwell		5
Pre #	MaxPres	MinGrn	MinWlk	PedClr	Co+Pre
1	180	3			ON
2	180	3			ON
3	180	3		10	ON
4	180	3		10	ON
5	180	3		10	ON
6	180	3		10	ON
Pre #	Track Grn	Min Dwell	Ext Dwell	PedClr+	Yel
1		2			
2		2			
3		2			
4		2			
5		2			
6		2			

Pre #	Red	Pattern	Skip
1			OFF
2			OFF
3			OFF
4			OFF
5			OFF
6			OFF

Low Priority Preempts

Pre #	Type	Min	Max
7	OFF		
8	OFF		
9	OFF		
10	OFF		

Unit Parameters [1.2.1]

Stop Timer Over Preempt	OFF
Preempt or Ext Output	PRE
Max Seek Track Time	
Max Seek Dwell Time	

Channel Parameters [1.8.3]

D Conn Mappings	None
Pre Invert Rail Input	OFF

Track Clear Phases [3.2], Track Clear Overlaps+ [3.5]

Pre #	Track Phases				Track Overlaps											
1																
2																
3																
4																
5																
6																

Dwell Phases [3.2] and Overlaps+ [3.5]

Pre #													
1	Phases												
	Overlap												
	Peds												
2	Phases												
	Overlap												
	Peds												
3	Phases	1	5										
	Overlap												
	Peds												
4	Phases	2	6										
	Overlap												
	Peds												
5	Phases	3											
	Overlap												
	Peds												
6	Phases	4											
	Overlap												
	Peds												

Exit Phases [3.2]

Pre #	Exit Phase			
1				
2				
3				
4				
5				
6				

Preemption Options+ [3.6]

Pre #	Lock	Override Auto Flsh	Override Higher	Flsh Dwell	Link
1	ON	ON	ON	OFF	
2	ON	ON	ON	OFF	
3	ON	ON	ON	OFF	
4	ON	ON	ON	OFF	
5	ON	ON	ON	OFF	
6	ON	ON	ON	OFF	

Alt# 1 Times Table [1.1.6.1.2]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 2 Times Table [1.1.6.1.2]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 3 Times Table [1.1.6.1.3]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 1 Options Table [1.1.6.2.1]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 1 Veh Parameters [5.5.1.1]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Swiitch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 1 Veh Options [5.5.1.2]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 1 Veh Parameters+ [5.5.1.3]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 1 Ped Parameters+ [5.5.1.4]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Alt# 2 Options Table [1.1.6.2.2]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 3 Options Table [1.1.6.2.3]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 4 Options Table [1.1.6.2.4]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 2 Veh Parameters [5.5.2.1]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Swiitch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 2 Veh Options [5.5.2.2]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 2 Veh Parameters+ [5.5.2.3]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 2 Ped Parameters+ [5.5.2.4]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Annual Schedule [4.3] — Month of Year — Day of Week — Date — Day Plan — Link To

	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Day Plan	Link To
1	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON		ON	ON	ON	ON	ON		ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	1	
2	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON						ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	2	
3	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON								ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	1	
4																																																		1	
5																																																			1	
6																																																		1	
7																																																		1	
8																																																		1	
9																																																		1	
10																																																		1	
11																																																		1	
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15																																																		1	
16																																																		1	
17																																																		1	
18																																																		1	
19																																																		1	
20																																																		1	
21																																																		1	
22																																																		1	
23																																																		1	
24																																																		1	

3056 **Rt 24 @ Carmen Ave Sig # 103.22** 7/11/2023 Page 7

Attachment S-258

Day Plans [4.4]

	Day Plan 1				Day Plan 2				Day Plan 3				Day Plan 4				Day Plan 5				Day Plan 6			
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act	
1	0	0	4	9	0	0	0	1	0	0	4	9	0	0	0	1	0	0	0	9	0	0	0	1
2	6	0	1	10	0	0	0	2	7	0	2	10	0	0	0	2	0	0	0	10	0	0	0	2
3	9	30	2	11	0	0	0	3	21	0	4	11	0	0	0	3	0	0	0	11	0	0	0	3
4	15	0	3	12	0	0	0	4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0	4
5	19	30	2	13	0	0	0	5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0	5
6	21	0	4	14	0	0	0	6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0	6
7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	7
8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8

	Day Plan 7				Day Plan 8				Day Plan 9				Day Plan 10				Day Plan 11				Day Plan 12			
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act		Hour	Min	Act	
1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0	1	0	0	0	9	0	0	0	1
2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0	2	0	0	0	10	0	0	0	2
3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0	3	0	0	0	11	0	0	0	3
4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0	4	0	0	0	12	0	0	0	4
5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0	5	0	0	0	13	0	0	0	5
6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0	6	0	0	0	14	0	0	0	6
7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	7	0	0	0	15	0	0	0	7
8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8	0	0	0	16	0	0	0	8

	Day Plan 13				Day Plan 14				Day Plan 15			
	Hour	Min	Act		Hour	Min	Act		Hour	Min	Act	
1	0	0	0	9	0	0	0	1	0	0	0	9
2	0	0	0	10	0	0	0	2	0	0	0	10
3	0	0	0	11	0	0	0	3	0	0	0	11
4	0	0	0	12	0	0	0	4	0	0	0	12
5	0	0	0	13	0	0	0	5	0	0	0	13
6	0	0	0	14	0	0	0	6	0	0	0	14
7	0	0	0	15	0	0	0	7	0	0	0	15
8	0	0	0	16	0	0	0	8	0	0	0	16

Action Table [4.5]

Act#	Pat#	A1	A2	A3	S1	S2	S3	S4	S5	S6	S7	S8
1	1											
2	2											
3	3											
4	4											
5	5											
6	6											
7	7											
8	8											
9	9											
10	10											
11	11											
12	12											
13	13											
14	14											
15	15											
16	16											
17	17											
18	18											
19	19											
20	20											
21	21											
22	22											
23	23											
24	24											
25												
26												
27												
28												
29												
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
48												
98												
99												
100	255											

Coord Alternate Tables - Pat+ [2.6]

Pat#	ØOpt	ØTime	DetG	Call Inh	CIC	CNA1	Overlap Off 1	2	3	4	5	6	7	8	Dia	Max2
1															DFT	
2															DFT	
3															DFT	
4															DFT	
5															DFT	
6															DFT	
7															DFT	
8															DFT	
9															DFT	
10															DFT	
11															DFT	
12															DFT	
13															DFT	
14															DFT	
15															DFT	
16															DFT	
17															DFT	
18															DFT	
19															DFT	
20															DFT	
21															DFT	
22															DFT	
23															DFT	
24															DFT	
25															DFT	
26															DFT	
27															DFT	
28															DFT	
29															DFT	
30															DFT	
31															DFT	
32															DFT	
33															DFT	
34															DFT	
35															DFT	
36															DFT	
37															DFT	
38															DFT	
39															DFT	
40															DFT	
41															DFT	
42															DFT	
43															DFT	
44															DFT	
45															DFT	
46															DFT	
47															DFT	
48															DFT	

C1-USER IO Map [1.8.9.1 In]

I1-1	1	Veh Call 1
I1-2	2	Veh Call 2
I1-3	3	Veh Call 3
I1-4	4	Veh Call 4
I1-5	5	Veh Call 5
I1-6	6	Veh Call 6
I1-7	7	Veh Call 7
I1-8	8	Veh Call 8
I2-1	9	Veh Call 9
I2-2	10	Veh Call 10
I2-3	11	Veh Call 11
I2-4	12	Veh Call 12
I2-5	129	Ped Call 1
I2-6	130	Ped Call 2
I2-7	131	Ped Call 3
I2-8	132	Ped Call 4
I3-1	17	Veh Call 17
I3-2	18	Veh Call 18
I3-3	19	Veh Call 19
I3-4	20	Veh Call 20
I3-5	21	Veh Call 21
I3-6	22	Veh Call 22
I3-7	23	Veh Call 23
I3-8	24	Veh Call 24
I4-1	189	Unused
I4-2	189	Unused
I4-3	189	Unused
I4-4	189	Unused
I4-5	189	Unused
I4-6	189	Unused
I4-7	229	33xCMUStop
I4-8	228	33xFlashSns
I5-1	202	Pre 5 In
I5-2	203	Pre 6 In
I5-3	200	Pre 3 In
I5-4	201	Pre 4 In
I5-5	189	Unused
I5-6	189	Unused
I5-7	189	Unused
I5-8	189	Unused
I6-1	189	Unused
I6-2	189	Unused
I6-3	189	Unused
I6-4	189	Unused
I6-5	189	Unused
I6-6	189	Unused
I6-7	189	Unused
I6-8	189	Unused

C1-USER IO Map [1.8.9.2 Out]

O1-1	1	Ch1 Red
O1-2	49	Ch1 Green
O1-3	2	Ch2 Red
O1-4	26	Ch2 Yellow
O1-5	50	Ch2 Green
O1-6	3	Ch3 Red
O1-7	27	Ch3 Yellow
O1-8	51	Ch3 Green
O2-1	4	Ch4 Red
O2-2	52	Ch4 Green
O2-3	5	Ch5 Red
O2-4	29	Ch5 Yellow
O2-5	53	Ch5 Green
O2-6	6	Ch6 Red
O2-7	30	Ch6 Yellow
O2-8	54	Ch6 Green
O3-1	7	Ch7 Red
O3-2	55	Ch7 Green
O3-3	8	Ch8 Red
O3-4	32	Ch8 Yellow
O3-5	56	Ch8 Green
O3-6	9	Ch9 Red
O3-7	33	Ch9 Yellow
O3-8	57	Ch9 Green
O4-1	10	Ch10 Red
O4-2	58	Ch10 Green
O4-3	11	Ch11 Red
O4-4	35	Ch11 Yellow
O4-5	59	Ch11 Green
O4-6	12	Ch12 Red
O4-7	36	Ch12 Yellow
O4-8	60	Ch12 Green
O5-1	28	Ch4 Yellow
O5-2	34	Ch10 Yellow
O5-3	25	Ch1 Yellow
O5-4	31	Ch7 Yellow
O5-5	39	Ch15 Yellow
O5-6	63	Ch15 Green
O5-7	115	Not Used
O5-8	114	Watchdog
O6-1	115	Not Used
O6-2	115	Not Used
O6-3	13	Ch13 Red
O6-4	37	Ch13 Yellow
O6-5	61	Ch13 Green
O6-6	14	Ch14 Red
O6-7	38	Ch14 Yellow
O6-8	62	Ch14 Green

C1-USER IO Map [1.8.9.2 Out]

O7-1	40	Ch16 Yellow
O7-2	16	Ch16 Red
O7-3	64	Ch16 Green
O7-4	115	Not Used
O7-5	115	Not Used
O7-6	115	Not Used
O7-7	115	Not Used
O7-8	15	Ch15 Red

C11S-USER IO Map [1.8.9.1 In]

I4-1		
I4-2		
I4-3		
I4-4		
I7-1	189	Unused
I7-2	189	Unused
I7-3	189	Unused
I7-4	189	Unused
I7-5	189	Unused
I7-6	189	Unused
I7-7	189	Unused
I7-8	189	Unused
I8-1	189	Unused
I8-2	189	Unused
I8-3	189	Unused
I8-4	189	Unused
I8-5	189	Unused
I8-6	189	Unused
I8-7	189	Unused
I8-8	189	Unused

C11S-USER IO Map [1.8.9.2 Out]

O8-1	115	Not Used
O8-2	115	Not Used
O8-3	115	Not Used
O8-4	115	Not Used
O8-5	115	Not Used
O8-6	115	Not Used
O8-7	115	Not Used
O8-8	115	Not Used

IO Logic [1.8.7]

Op1	Result		O1Fcn	Inv1	IO1	Opn1	O2Fcn	Inv2	IO2	Opn2	O3Fcn	Inv3	IO3	Opn3	Dly	Sec
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0
I	**0**	=	-----	-	I	**0**	-----	-	I	**0**	-----	-	I	0	DLY	0

Security Access Levels [8.2]

1	SWLOAD	22	None	43	None
2	SECURE	23	None	44	None
3	None	24	None	45	None
4	None	25	None	46	None
5	None	26	None	47	None
6	None	27	None	48	None
7	None	28	None	49	None
8	None	29	None	50	None
9	None	30	None	51	None
10	None	31	None	52	None
11	None	32	None	53	None
12	None	33	None	54	None
13	None	34	None	55	None
14	None	35	None	56	None
15	None	36	None	57	None
16	None	37	None	58	None
17	None	38	None	59	None
18	None	39	None	60	None
19	None	40	None	61	None
20	None	41	None	62	None
21	None	42	None	63	None
				64	None

Com Parameters [6.1]

Station ID	3056
Group ID	
Master ID	9056
Backup Time	0

SysUp Modem [6.1]

Enable Modem	OFF
Idle Time	0
Dial Time	0
Tel:	
Alt:	

2070 Port Parms [6.2]

Port	Baud Rate	FCM
SP1	9600	MODE 6
SP2	9600	MODE 6
SP3	19200	MODE 6
SP4	38400	MODE 6
SP5	1200	AUTO
SP6	1200	AUTO
SP7	1200	AUTO
SP8	1200	AUTO

2070 IP 1 Addressing [6.5]

	Addressing			
Addr	0	0	0	0
Mask	0	0	0	0
Brdcst	0	0	0	0
GtWay	0	0	0	0
Port	0			

2070 IP 2 Addressing [6.5]

	Addressing			
Addr	0	0	0	0
Mask	0	0	0	0
Brdcst	0	0	0	0
GtWay	0	0	0	0
Port	0			

2070 Port Binding Ports [6.6]

	Port	Echo	Mode
ASYNC1	SP1	OFF	0
ASYNC2	SP2	OFF	0
ASYNC3	SP3	OFF	0
ASYNC4	SP4	OFF	0
SYNC1	SP5S	SYNC3	OFF
SYNC2	OFF	SYNC4	OFF

2070 Port Binding Functions [6.6]

Function	Channel	Function	Channel
TS2/CVM	None	SYSUp	ASYNC3
CMU/MMU	None	SYSDown	ASYNC1
Opticom	None	Shell	None
Loop Det.	None		
GPS	-		

#	Event / Alarm	Ev	Alr
1	Power Up Alarm.	ON	
2	Stop Timing	ON	ON
3	TS1 Cabinet Door	ON	ON
4	Coordination Failure	ON	ON
5	External Alarm # 1		
6	External Alarm # 2		
7	External Alarm # 3		
8	External Alarm # 4		
9	Closed Loop Disabled		
10	External Alarm # 5		
11	External Alarm # 6		
12	Manual Control Enable	ON	
13	Coord Free Input	ON	
14	Local Flash Input	ON	
15	MMU Flash	ON	
16	CMU Flash	ON	
17	Cycle Fault	ON	
18	Cycle Failure	ON	
19	Coordination Fault	ON	
20	Controller Fault	ON	
21	Detector SDLC Failure	ON	
22	MMU SDLC Failure	ON	
23	Critical SDLC Failure	ON	
24	Reserved	ON	
25	EEPROM CRC Fault	ON	
26	Detector Diagnostic Failur	ON	ON
27	BIU Detector Failure	ON	
32	Queue detector alarm	ON	
29	Ped Detector Fault	ON	ON
30	Coord Diagnostic Fault	ON	ON
41	TempAlert Probe Ch. A		
42	TempAlert Probe Ch. B		
47	Coord Active	ON	ON
48	Preempt Active	ON	ON
49	Preempt 1 Input	ON	
50	Preempt 2 Input	ON	
51	Preempt 3 Input	ON	
52	Preempt 4 Input	ON	
53	Preempt 5 Input	ON	
54	Preempt 6 Input	ON	
55	Preempt 7 Input	ON	
56	Preempt 8 Input	ON	
57	Preempt 9 Input	ON	
58	Preempt 10 Input	ON	
61	In Transition		
81	FIO Status Alarm		

Call Phases[1.1.5]

Ø	Ø	Phases Called By Ø			
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

Redirect Phases[1.1.5]

	From	To	From	To	From	To	From	To
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

Inhibit Phases[1.1.5]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																

Alt Call & Redirect # 1 [1.1.6.3]

Col	Ø	Phases Called By Ø					From	To	From	To	From	To	From	To	From	To
1							1									
2							2									
3							3									
4							4									
5							5									
6							6									
7							7									
8							8									

Alt Inhibit Phases # 1 [1.1.6.3]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																

Alt Call & Redirect # 2 [1.1.6.3]

Col	Ø	Phases Called By Ø					From	To	From	To	From	To	From	To	From	To
1							1									
2							2									
3							3									
4							4									
5							5									
6							6									
7							7									
8							8									

Alt Inhibit Phases # 2 [1.1.6.3]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																

Coord, CIC Plans [2.3]

CIC	CoØ	Grow	1	2	3	4	5	6	7	8
1	OFF									
2	OFF									
3	OFF									
4	OFF									

Auto Flash Phase/Olap Settings [1.4.2]

Yel Ø								
Yel (olaps)								

Unit Parameters [1.2.1]

Allow Skip Yellow	OFF	Max Cycle Time	
TOD Dim Enable	OFF	Cycle Fault Action	Alarm
Tone Disable	OFF		
Diamond Mode	4Ph		
Backup Time (s)	900		
Disable Init Ped	OFF		
Cycle Fault Action	Alarm		
Enable Run Timer	ON		

REMOVE YELLOW & GREEN LEFT ARROWS FROM NORTHBOUND FACE 10, ASSIGN SOUTHBOUND PED INTERVAL TO Ø3

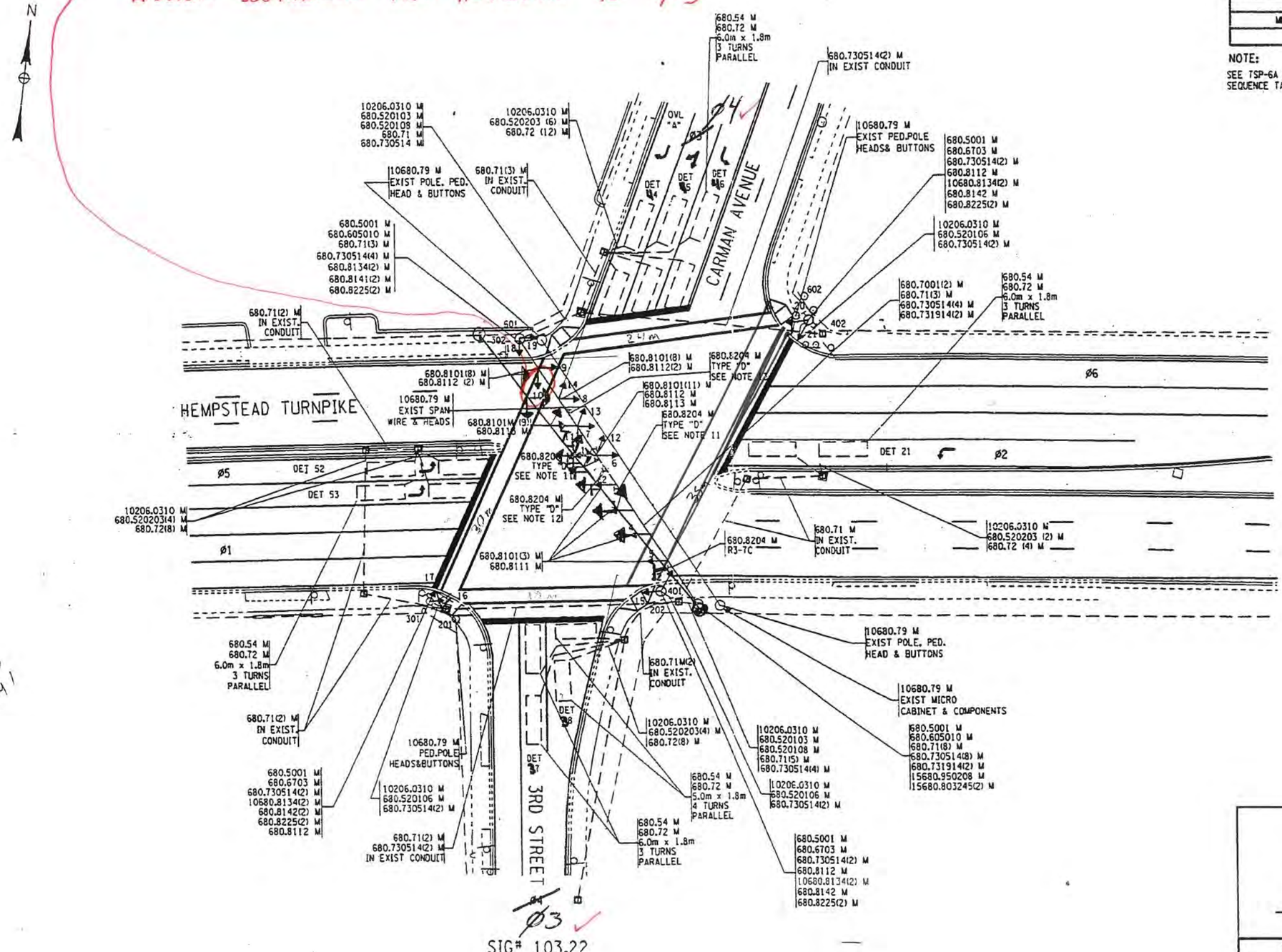
D257393

FED. ROAD REG. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
I	N.Y.		128	149

N.Y. 24, HEMPSTEAD TURNPIKE, 3R
MEADOWBROOK PARKWAY TO WANTAGH PARKWAY
NASSAU COUNTY

NOTE:
SEE TSP-6A FOR SPACING DIAGRAM, CLEARANCE TABLE, NOTES, SEQUENCE TABLE & ESTIMATE.

Loc 45



SIG# 103.22

AS-BUILT REVISIONS

103-22

SIGNATURE DATE

TRAFFIC SIGNAL PLAN

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

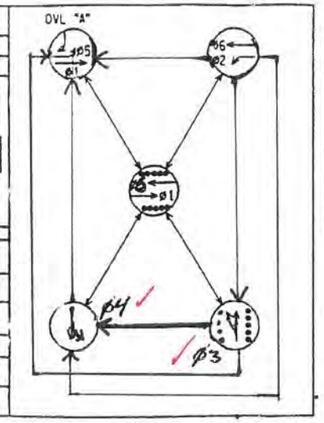
DRAWING NO.	SCALE	DATE	REGION TEN
TSP-6	250:1	3/27/97	

CADD 3 REG.10 FILE: 05531LB.TRF
DRAFTED BY
CHECKED BY
ESTIMATED BY
CHECKED BY
DESIGNED BY
IN CHARGE OF

SEQUENCE TABLE SIGNAL NO. 103.22

PHASE	FACES 1,2	3,4,5	6	7,8,9	10	11	12	13	14	15,16	17,18	19,20	21,22
	300mm	300mm	300mm	300mm	300mm	300mm	300mm	300mm	300mm	—	—	—	—
ø1 & ø5	~~G~~	G	R	R	R	R	R	R	R / ~~G~~	DW *	DW	DW	DW
ø1 & ø6	R	G	R	G	R	R	R	R	R	DW	DW	DW *	DW
ø2 & ø6	R	R	~~G~~	G	R	R	R	R	R	DW	DW	DW *	DW
ø 4	R	R	R	R	R	R	G / ~~G~~	G	G	DW	DW	DW	DW
ø 3	R	R	R	R	G	G	R	R	R	DW	DW*	DW	DW*
FLASH	R	Y	R	Y	R	R	R	R	R	—	—	—	—

PHASES 1 AND 6 SHALL BE PLACED ON RECALL GREEN
THE RED INDICATION ON FACES 1,2 AND 6 SHALL HAVE VERTICAL LOUVERS
SIGNAL FACES 3,4,5,7,8 AND 9 SHALL HAVE TUNNEL VISORS
*SHALL BE WALK UPON ACTUATION FOLLOWED BY A FLASHING "DON'T WALK" PHASE.

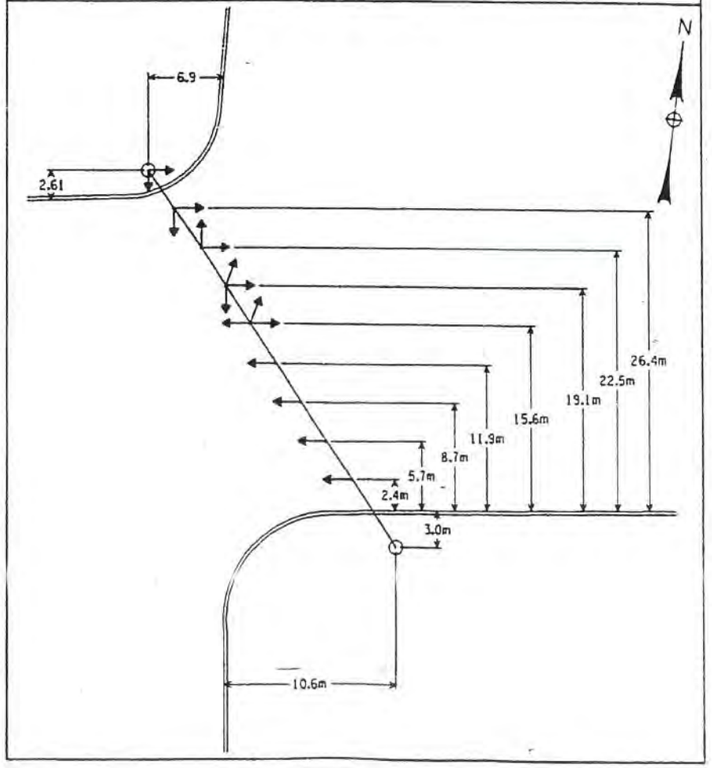


REMOVE YELLOW + GREEN LEFT ARROWS FROM NORTHBOUND FACE 10, ASSIGN SOUTHBOUND PED INTERVAL TO Ø 3

CLEARANCE TABLE

CLEARANCE	FROM / TO	R	G	~~G~~
1ST	R	R	Y	~~—~~
2ND		R	R	R
1ST	G	R	G	—
2ND		R	G	—
1ST	~~G~~	R	—	~~G~~
2ND		R	—	~~G~~

SPACING DIAGRAM



ESTIMATE OF QUANTITY

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
10206.0310 M	CONDUIT EXCAVATION AND RESTORATION	m	40
619.1611 M	MAINTAIN TRAFFIC SIGNAL EQ. REQ'T "A"	INTMO	12
680.5001 M	POLE EXCAVATION AND FOUNDATION	m³	13
680.520103 M	CONDUIT - 25mm STEEL	m	15
680.520106 M	CONDUIT - 51mm STEEL	m	15
680.520108 M	CONDUIT - 76mm STEEL	m	15
680.520203 M	CONDUIT - 25mm FLEXIBLE	m	35
680.54 M	INDUCTANCE LOOP INSTALLATION	m	350
680.605010 M	TRAFFIC SIGNAL POLE	EA	2
680.6703 M	PEDESTRIAN POLE 3m	EA	3
680.7001 M	SINGLE SPAN WIRE ASSEMBLY	EA	2
680.71 M	SHIELDED LEAD-IN CABLE	m	550
680.72 M	INDUCTANCE LOOP WIRE	m	1050
680.730514 M	5 CONDUCTOR CABLE	m	550
680.731914 M	19 CONDUCTOR CABLE	m	135
680.750619 M	SHIELDED COMMUNICATION CABLE, 6 PAIRS	m	20
15680.803245 M	INSTALL MICROCOMPUTER CABINET	EA	2
680.8101 M	TRAFFIC SIGNAL SECTION, 300 mm	EA	48
680.8111 M	TRAFFIC SIGNAL BRACKET, 1-WAY	EA	4
680.8112 M	TRAFFIC SIGNAL BRACKET, 2-WAY	EA	8
680.8113 M	TRAFFIC SIGNAL BRACKET, 3-WAY	EA	2
10680.8134 M	PEDESTRIAN SIGNAL HEAD, FIBER OPTIC	EA	8
680.8141 M	PEDESTRIAN SIGNAL BRACKET, POLE MOUNT	EA	2
680.8142 M	PEDESTRIAN SIGNAL BRACKET, POST TOP MOUN	EA	3
680.8204 M	OVERHEAD SIGN ASSEMBLY - TYPE D	EA	6
680.8225 M	PEDESTRIAN PUSHBUTTON & SIGN	EA	8
15680.950208 M	SERVICE CABLE, 2 CONDUCTOR * 8 AWG	m	10
10680.79 M	REMOVE TRAFFIC SIGNAL EQUIPMENT	LS	1

D257393

FED. ROAD REG. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.		129	149

N.Y. 24, HEMPSTEAD TURNPIKE, 3R
MEADOWBROOK PARKWAY TO WANTAGH PARKWAY
NASSAU COUNTY

NOTES:

1. All work shall be done in accordance with the NYSDOT Regional Traffic Signal Detail Sheets and NYS Standard Sheets.
2. Prior to beginning any work on the traffic signal, the contractor shall notify the Regional Traffic Signal section to perform an inspection of the existing traffic signal equipment. After the inspection the contractor must then submit a written notification with the date they will assume traffic signal maintenance. No work shall proceed until traffic signal maintenance is assumed. The existing traffic signal shall be maintained under item 619.1611 except for the controller, programming, and timing which shall be maintained by the state.
3. All traffic signals shall be maintained in a traffic responsive operation and all interconnect, where existing, shall be maintained. The contractor shall pay a liquidated damages charge of $250 per calender day actuation and coordination is not maintained.
4. All vehicle detection and signal coordination must be MAINTAINED AT ALL TIMES. Splicing of inductance loop wire, shielded lead-in cable, and interconnect cable shall be allowed for temporary repairs during construction only. Temporary loop detectors, if necessary, shall be 1.8 m x 1.8 m, be centered in their respective lane and be paid for under items 680.54 & 680.72.
5. Traffic signal turn-ons shall be done by NYS traffic signal personnel only. The contractor shall notify the NYS Traffic Signal Section two weeks prior to the requested date of turn-on.
6. All detectors shall be centered in their respective lanes and be spaced 3m apart unless otherwise indicated in the plan.
7. The micro-cabinet shall be mounted 0.75m above finish grade.
8. The traffic signal poles have a design loading of 50KN, have a footing moment of 475KN-m, and are 10 m high.
9. Concrete work pads shall be installed in front of the controller cabinet as per standard sheet 680-4.
10. The existing ped pole(s), signal heads, ped heads, ped buttons, cabinet contents, cabinet and controller shall be returned to the state. All other equipment shall be disposed of by the contractor.
11. "Left Turn Signal" Signs M.U.T.C.D. #R3-38C shall be installed adjacent to signal faces 1,2&6
12. "No U Turn" Sign M.U.T.C.D.#R3-3C shall be mounted on the span wire between signal faces 1&2
13. "No Turn On Red" Sign M.U.T.C.D.#R3-7C shall be mounted on the span wire between signal faces 13&14.

AS-BUILT REVISIONS
103-22(2)
SIGNATURE DATE

TRAFFIC SIGNAL PLAN

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

DRAWING NO.	SCALE	DATE	REGION TEN
TSP-6A	NONE	3/27/97	

DRAFTED BY CADD 3 REG.10 FILE: 0553160.TRF
CHECKED BY
ESTIMATED BY
DESIGNED BY
IN CHARGE OF

Loc 46

3060

Phase Times [1.1.1]

	1	2	3	4	5	6	7	8
Min Green	5	10	5	7	5	10	5	7
Gap, Ext	2		2	2	2		2	2
Max 1	25	50	25	30	25	50	25	30
Max 2								
Yel Clearance	4	5	4	5	4	5	4	5
Red Clearance	3	3	3	3	3	3	3	3
Walk		7		7		7		7
Ped Clearance		30		30		30		30
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								

Options [1.1.2]

	1	2	3	4	5	6	7	8
Enable	ON	ON	ON	ON	ON	ON	ON	ON
Min Recall								
Max Recall		ON				ON		
Ped Recall								
Soft Recall								
Lock Calls			ON	ON			ON	ON
Auto Flash Entry								
Auto Flash Exit								
Dual Entry		ON		ON		ON		ON
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								

Options+ [1.1.3]

	1	2	3	4	5	6	7	8
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay		4		4		4		4

3060 Rt 24 @ Rt 106 Sig # 104

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	180	0	1	13	13	0	0	13	1	25	0	0	0	1	37	0	0	0	1
2	140	0	2	13	14	0	0	14	1	26	0	0	0	1	38	0	0	0	1
3	170	129	3	13	15	0	0	15	1	27	0	0	0	1	39	0	0	0	1
4	120	0	4	13	16	0	0	16	1	28	0	0	0	1	40	0	0	0	1
5	0	0	5	1	17	0	0	17	1	29	0	0	0	1	41	0	0	0	1
6	0	0	6	1	18	0	0	18	1	30	0	0	0	1	42	0	0	0	1
7	0	0	7	1	19	0	0	19	1	31	0	0	0	1	43	0	0	0	1
8	0	0	8	1	20	0	0	20	1	32	0	0	0	1	44	0	0	0	1
9	180	25	9	1	21	0	0	21	1	33	0	0	0	1	45	0	0	0	1
10	180	155	10	1	22	0	0	22	1	34	0	0	0	1	46	0	0	0	1
11	0	0	11	1	23	0	0	23	1	35	0	0	0	1	47	0	0	0	1
12	0	0	12	1	24	0	0	24	1	36	0	0	0	1	48	0	0	0	1

Split		1	2	3	4	5	6	7	8	Split		1	2	3	4	5	6	7	8
1	Coor	33	71	33	43	33	71	33	43	13	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
2	Coor	26	50	26	38	26	50	26	38	14	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
3	Coor	33	61	33	43	33	61	33	43	15	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
4	Coor	22	46	22	30	22	46	22	30	16	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
5	Coor	0	0	0	0	0	0	0	0	17	Coor	0	0	0	0	0	0	0	0
	2	NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
6	Coor	0	0	0	0	0	0	0	0	18	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
7	Coor	0	0	0	0	0	0	0	0	19	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
8	Coor	0	0	0	0	0	0	0	0	20	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
9	Coor	33	71	33	43	33	71	33	43	21	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
10	Coor	33	71	33	43	33	71	33	43	22	Coor	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
11	Coor	0	0	0	0	0	0	0	0	23	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON
12	Coor	0	0	0	0	0	0	0	0	24	Coor	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON

Page#	
1	8 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
1A&1B	16 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
2	Overlaps; Channel Settings; Coord Alt Table+ (values not associated with time-of-day)
3	Detection; Sample Time and Unit Parameters related to detection
4	Preemption and Alternate Phase Time and Phase Options
5	Annual Schedule
6	Day Plans; Action Tables; Coord Alt Table+ (values varied by time-of-day)
7	Communications; Secutiry; I/O Setup
8	Misc - Events/Alarms; Call/Inhibit/Redirect; P/OLAP Auto Flash; CIC; Misc Unit Param

Ring/Startup [1.1.4]

Phs	Ring	Start	Enable
1	1	Red	ON
2	1	Green	ON
3	1	Red	ON
4	1	Red	ON
5	2	Red	ON
6	2	Green	ON
7	2	Red	ON
8	2	Red	ON

Coord Modes [2.1]

Test OpMode	0
Correction	SHRT/LNG
Maximum	MAX 1
Force-Off	FIXED
Closed Loop	ON
Stop-in-Walk	ON
Auto Reset	ON
Expand Splt	OFF
Ped Recycle	NO_RECYCLE
Before	TIMED
After	TIMED

Auto Flash [1.4.1]

Auto Flash	PH OVER
Flash Yel	45
Flash Red	20

Unit Params [1.2.1]

Phase Mode	STD8
IO Mode	User
Loc Flsh Start	Red
Start Flash(s)	0
Start AllRed(s)	6
Yellow < 3"	OFF
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	13
Auxswitch	STOPTM
SDLC Retry	0
TS2 Det Faults	ON
Auto Ped Clear	OFF
SDLC Retry	0

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Times [1.1.1]	1	2	3	4	5	6	7	8
Min Green	5	10	5	7	5	10	5	7
Gap, Ext	2		2	2	2		2	2
Max 1	25	50	25	30	25	50	25	30
Max 2								
Yel Clearance	4	5	4	5	4	5	4	5
Red Clearance	3	3	3	3	3	3	3	3
Walk		7		7		7		7
Ped Clearance		30		30		30		30
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								
Options [1.1.2]	1	2	3	4	5	6	7	8
Enable	ON	ON	ON	ON	ON	ON	ON	ON
Min Recall								
Max Recall		ON				ON		
Ped Recall								
Soft Recall								
Lock Calls			ON	ON			ON	ON
Auto Flash Entry								
Auto Flash Exit								
Dual Entry		ON		ON		ON		ON
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								
Options+ [1.1.3]	1	2	3	4	5	6	7	8
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay	0	4	0	4	0	4	0	4

3060 Rt 24 @ Rt 106 Sig # 104

Coord Patterns [2.4] and Split Tables [2.7.1]

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	180	0	1	13	13	0	0	13	1	25	0	0	0	1	37	0	0	0	1
2	140	0	2	13	14	0	0	14	1	26	0	0	0	1	38	0	0	0	1
3	170	129	3	13	15	0	0	15	1	27	0	0	0	1	39	0	0	0	1
4	120	0	4	13	16	0	0	16	1	28	0	0	0	1	40	0	0	0	1
5	0	0	5	1	17	0	0	17	1	29	0	0	0	1	41	0	0	0	1
6	0	0	6	1	18	0	0	18	1	30	0	0	0	1	42	0	0	0	1
7	0	0	7	1	19	0	0	19	1	31	0	0	0	1	43	0	0	0	1
8	0	0	8	1	20	0	0	20	1	32	0	0	0	1	44	0	0	0	1
9	180	25	9	1	21	0	0	21	1	33	0	0	0	1	45	0	0	0	1
10	180	155	10	1	22	0	0	22	1	34	0	0	0	1	46	0	0	0	1
11	0	0	11	1	23	0	0	23	1	35	0	0	0	1	47	0	0	0	1
12	0	0	12	1	24	0	0	24	1	36	0	0	0	1	48	0	0	0	1

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Coor	33	71	33	43	33	71	33	43	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
2	Coor	26	50	26	38	26	50	26	38	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
3	Coor	33	61	33	43	33	61	33	43	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
4	Coor	22	46	22	30	22	46	22	30	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
5	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
6	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
7	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
8	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
9	Coor	33	71	33	43	33	71	33	43	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
10	Coor	33	71	33	43	33	71	33	43	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
11	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
12	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
13	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
14	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
15	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
16	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

User Phase Mode

Phase>8 or Rings > 2

Coord Modes [2.1]	
Test OpMode	0
Correction	SHRT/LNG
Maximum	MAX 1
Force-Off	FIXED
Closed Loop	ON
Stop-in-Walk	ON
Auto Reset	ON
Expand Splt	OFF
Ped Recycle	NO_RECYCLE
Before	TIMED
After	TIMED
Auto Flash [1.4.1]	
Auto Flash	PH OVER
Flash Yel	45
Flash Red	20
Unit Params [1.2.1]	
Phase Mode	STD8
IO Mode	User
Loc Flsh Start	Red
Start Flash(s)	0
Start AllRed(s)	6
Yellow < 3"	OFF
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	13
Auxswitch	STOPTM
SDLC RetryTm	0
TS2 Det Faults	ON
Auto Ped Clear	OFF

<- Mode NON is Blank

07/11/23 **Page 1A**

Times [1.1.1]	9	10	11	12	13	14	15	16
Min Green	1							
Gap, Ext	1							
Max 1	10							
Max 2								
Yel Clearance	3	4	3	4	3	4	3	4
Red Clearance	2	2	2	2	2	2	2	2
Walk								
Ped Clearance								
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								

Options [1.1.2]	9	10	11	12	13	14	15	16
Enable								
Min Recall								
Max Recall								
Ped Recall								
Soft Recall								
Lock Calls								
Auto Flash Entry								
Auto Flash Exit								
Dual Entry								
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								

Options+ [1.1.3]	9	10	11	12	13	14	15	16
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay								

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1] — Ring/Startup [1.1.4]

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Phs	Ring	Start
17	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	2	1	Green
18	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	4	1	Red
19	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	6	2	Green
20	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	2	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	8	2	Red
21	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	10		Red
22	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	12		Red
23	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	14		Red
24	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	16		Red

Concurrency [1.1.4]

Phs	Concurrent Phases										Phs	Concurrent Phases								
1	5	6	0	0	0	0	0	0			9	0	0	0	0	0	0	0	0	
2	5	6	0	0	0	0	0	0			10	0	0	0	0	0	0	0	0	
3	7	8	0	0	0	0	0	0			11	0	0	0	0	0	0	0	0	
4	7	8	0	0	0	0	0	0			12	0	0	0	0	0	0	0	0	
5	1	2	0	0	0	0	0	0			13	0	0	0	0	0	0	0	0	
6	1	2	0	0	0	0	0	0			14	0	0	0	0	0	0	0	0	
7	3	4	0	0	0	0	0	0			15	0	0	0	0	0	0	0	0	
8	3	4	0	0	0	0	0	0			16	0	0	0	0	0	0	0	0	

Note: Expanded Splits are not used because "Expanded Splits" is OFF

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	0	0	1	1	25	0	0	0	1
2	0	0	2	1	26	0	0	0	1
3	0	0	3	1	27	0	0	0	1
4	0	0	4	1	28	0	0	0	1
5	0	0	5	1	29	0	0	0	1
6	0	0	6	1	30	0	0	0	1
7	0	0	7	1	31	0	0	0	1
8	0	0	8	1	32	0	0	0	1
9	0	0	9	1	33	0	0	0	1
10	0	0	10	1	34	0	0	0	1
11	0	0	11	1	35	0	0	0	1
12	0	0	12	1	36	0	0	0	1
13	0	0	13	1	37	0	0	0	1
14	0	0	14	1	38	0	0	0	1
15	0	0	15	1	39	0	0	0	1
16	0	0	16	1	40	0	0	0	1
17	0	0	17	1	41	0	0	0	1
18	0	0	18	1	42	0	0	0	1
19	0	0	19	1	43	0	0	0	1
20	0	0	20	1	44	0	0	0	1
21	0	0	21	1	45	0	0	0	1
22	0	0	22	1	46	0	0	0	1
23	0	0	23	1	47	0	0	0	1
24	0	0	24	1	48	0	0	0	1

Expanded Splits	**OFF**

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

24	Coord	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON
		0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
2	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
3	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
4	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
5	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
6	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
7	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
8	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
9	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
10	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
11	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
12	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
13	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
14	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
15	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
16	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
17	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
18	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
19	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
20	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
21	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
22	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
23	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

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Overlap 1-16 Program Parms & Parm+ [1.5.2.1] [1.5.2.2]

Overlap Conflict Lock	OFF	Overlap Lock Inhibit	OFF	Parent Ph Clearance	OFF	Extra Included Ph	ON

	Included Ø	1								Type	NORMAL		Included Ø									Type	NORMAL
1	Modifier Ø									Grn		9	Modifier Ø									Grn	
	Conflict Ø									Yel	4		Conflict Ø									Yel	3.5
A	Conflict Olap									Red	2	I	Conflict Olap									Red	1.5
	Conflict Ped									LG			Conflict Ped									LG	
	Included Ø	5								Type	NORMAL		Included Ø									Type	NORMAL
2	Modifier Ø									Grn		10	Modifier Ø									Grn	
	Conflict Ø									Yel	4		Conflict Ø									Yel	3.5
B	Conflict Olap									Red	2	J	Conflict Olap									Red	1.5
	Conflict Ped									LG			Conflict Ped									LG	
	Included Ø									Type	NORMAL		Included Ø									Type	NORMAL
3	Modifier Ø									Grn		11	Modifier Ø									Grn	
	Conflict Ø									Yel	3		Conflict Ø									Yel	3.5
C	Conflict Olap									Red	2	K	Conflict Olap									Red	1.5
	Conflict Ped									LG			Conflict Ped									LG	
	Included Ø									Type	NORMAL		Included Ø									Type	NORMAL
4	Modifier Ø									Grn		12	Modifier Ø									Grn	
	Conflict Ø									Yel	3		Conflict Ø									Yel	3.5
D	Conflict Olap									Red	2	L	Conflict Olap									Red	1.5
	Conflict Ped									LG			Conflict Ped									LG	
	Included Ø									Type	NORMAL		Included Ø									Type	NORMAL
5	Modifier Ø									Grn		13	Modifier Ø									Grn	
	Conflict Ø									Yel	3.5		Conflict Ø									Yel	3.5
E	Conflict Olap									Red	1.5	M	Conflict Olap									Red	1.5
	Conflict Ped									LG			Conflict Ped									LG	
	Included Ø									Type	NORMAL		Included Ø									Type	NORMAL
6	Modifier Ø									Grn		14	Modifier Ø									Grn	
	Conflict Ø									Yel	3.5		Conflict Ø									Yel	3.5
F	Conflict Olap									Red	1.5	N	Conflict Olap									Red	1.5
	Conflict Ped									LG			Conflict Ped									LG	
	Included Ø									Type	NORMAL		Included Ø									Type	NORMAL
7	Modifier Ø									Grn		15	Modifier Ø									Grn	
	Conflict Ø									Yel	3.5		Conflict Ø									Yel	3.5
G	Conflict Olap									Red	1.5	O	Conflict Olap									Red	1.5
	Conflict Ped									LG			Conflict Ped									LG	
	Included Ø									Type	NORMAL		Included Ø									Type	NORMAL
8	Modifier Ø									Grn		16	Modifier Ø									Grn	
	Conflict Ø									Yel	3.5		Conflict Ø									Yel	3.5
H	Conflict Olap									Red	1.5	P	Conflict Olap									Red	1.5
	Conflict Ped									LG			Conflict Ped									LG	

Channel Settings [1.8.1]

.....Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Phase / Olap #	1	2	3	4	5	6	7	8	1		2		2	4	6	8								
Channel Type	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	OLP	VEH	OLP	VEH	PED	PED	PED	PED	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Channel Flash	Red	YEL	Red	Red	Red	YEL	Red	Red	DRK	Red	DRK	Red	DRK	DRK	DRK	DRK	DRK	DRK	DRK	DRK	DRK	DRK	DRK	DRK
Alt Hz																								

Channel+ Settings [1.8.4]

.....Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Flash Red+																								
Flash Yellow+																								
Flash Green+																								
Flash Inh Red+																								
Olap Ovrd																								

Coord Transition, CoorPhs [2.5]

Pat#	Short	Long	Dwell	No Shortway Ø				E-Yld	Offset	RetHld	Float	Min Veh Perm	Min Ped Perm
1	12	22							EndGRN				ON
2	12	22							EndGRN				ON
3	12	22							EndGRN				ON
4	12	22							EndGRN				ON
5	12	22							EndGRN				
6	12	22							EndGRN				
7	12	22							EndGRN				
8	12	22							EndGRN				
9	12	22							EndGRN				
10	12	22							EndGRN				
11	12	22							EndGRN				
12	12	22							EndGRN				
13	12	22							EndGRN				
14	12	22							EndGRN				
15	12	22							EndGRN				
16	12	22							EndGRN				
17	12	22							EndGRN				
18	12	22							EndGRN				
19	12	22							EndGRN				
20	12	22							EndGRN				
21	12	22							EndGRN				
22	12	22							EndGRN				
23	12	22							EndGRN				
24	12	22							EndGRN				
25									BegGRN				
26									BegGRN				
27									BegGRN				
28									BegGRN				
29									BegGRN				
30									BegGRN				
31									BegGRN				
32									BegGRN				
33									BegGRN				
34									BegGRN				
35									BegGRN				
36									BegGRN				
37									BegGRN				
38									BegGRN				
39									BegGRN				
40									BegGRN				
41									BegGRN				
42									BegGRN				
43									BegGRN				
44									BegGRN				
45									BegGRN				
46									BegGRN				
47									BegGRN				
48									BegGRN				

Channel Params[1.8.3]

C1 IO Mode	User	Single BIU Map	SINGLE	Invert Rail Input	OFF

Veh Par 1-64 [5.1]

Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time
1	1						45	50	255
2	1						45	50	255
3	3						45	50	255
4	3						45	50	255
5	4						45	50	255
6	4						45	50	255
7	1						45	50	255
8	5						45	50	255
9	5						45	50	255
10	7						45	50	255
11	7						45	50	255
12	8						45	50	255
13							45	50	255
14							45	50	255
15							45	50	255
16							45	50	255
17	8						45	50	255
18	5						45	50	255
19							45	50	255
20							45	50	255
21							45	50	255
22							45	50	255
23							45	50	255
24							45	50	255
25							45	50	255
26							45	50	255
27							45	50	255
28							45	50	255
29							45	50	
30							45	50	
31							45	50	
32							45	50	

Veh Par 1-64 [5.1]

Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time
33							45	50	
34							45	50	
35							45	50	
36							45	50	
37							45	50	
38							45	50	
39							45	50	
40							45	50	
41							45	50	
42							45	50	
43							45	50	
44							45	50	
45							45	50	
46							45	50	
47							45	50	
48							45	50	
49							45	50	
50							45	50	
51							45	50	
52							45	50	
53							45	50	
54							45	50	
55							45	50	
56							45	50	
57							45	50	
58							45	50	
59							45	50	
60							45	50	
61							45	50	
62							45	50	
63							45	50	
64							45	50	

Vehicle Options 1-64 [5.2]

Det #	Call	Ext	Que	Add Init	Red Lock	Yell Lock	occ	vol
1	ON	ON		ON				
2	ON	ON		ON				
3	ON	ON		ON				
4	ON	ON		ON				
5	ON	ON		ON				
6	ON	ON		ON				
7	ON	ON		ON				
8	ON	ON		ON				
9	ON	ON		ON				
10	ON	ON		ON				
11	ON	ON		ON				
12	ON	ON		ON				
13	ON	ON		ON				
14	ON	ON		ON				
15	ON	ON		ON				
16	ON	ON		ON				
17	ON	ON		ON				
18	ON	ON		ON				
19	ON	ON		ON				
20	ON	ON		ON				
21	ON	ON		ON				
22	ON	ON		ON				
23	ON	ON		ON				
24	ON	ON		ON				
25	ON	ON		ON				
26	ON	ON		ON				
27	ON	ON		ON				
28	ON	ON		ON				
29	ON	ON		ON				
30	ON	ON		ON				
31	ON	ON		ON				
32	ON	ON		ON				

Vehicle Options 1-64 [5.2]

Det #	Call	Ext	Que	Add AddInit	Red Lock	Yell Lock	occ	vol
33	ON	ON		ON				
34	ON	ON		ON				
35	ON	ON		ON				
36	ON	ON		ON				
37	ON	ON		ON				
38	ON	ON		ON				
39	ON	ON		ON				
40	ON	ON		ON				
41	ON	ON		ON				
42	ON	ON		ON				
43	ON	ON		ON				
44	ON	ON		ON				
45	ON	ON		ON				
46	ON	ON		ON				
47	ON	ON		ON				
48	ON	ON		ON				
49	ON	ON		ON				
50	ON	ON		ON				
51	ON	ON		ON				
52	ON	ON		ON				
53	ON	ON		ON				
54	ON	ON		ON				
55	ON	ON		ON				
56	ON	ON		ON				
57	ON	ON		ON				
58	ON	ON		ON				
59	ON	ON		ON				
60	ON	ON		ON				
61	ON	ON		ON				
62	ON	ON		ON				
63	ON	ON		ON				
64	ON	ON		ON				

Parameters+ 1-64 [5.3]

Det #	oc G	oc Y	oc R	Dlay 1	Dlay 2	Type	Src
1						NORM	
2						NORM	
3						NORM	
4						NORM	
5						NORM	
6						NORM	
7						NORM	
8						NORM	
9						NORM	
10						NORM	
11						NORM	
12						NORM	
13						NORM	
14						NORM	
15						NORM	
16						NORM	
17						NORM	
18						NORM	
19						NORM	
20						NORM	
21						NORM	
22						NORM	
23						NORM	
24						NORM	
25						NORM	
26						NORM	
27						NORM	
28						NORM	
29						NORM	
30						NORM	
31						NORM	
32						NORM	

Parameters+ 1-64 [5.3]

Det #	occ Grn	occ Yell	occ Red	Dlay 1	Dlay 2	Type	Src
33						NORM	
34						NORM	
35						NORM	
36						NORM	
37						NORM	
38						NORM	
39						NORM	
40						NORM	
41						NORM	
42						NORM	
43						NORM	
44						NORM	
45						NORM	
46						NORM	
47						NORM	
48						NORM	
49						NORM	
50						NORM	
51						NORM	
52						NORM	
53						NORM	
54						NORM	

Det #	occ Grn	occ Yell	occ Red	Dlay 1	Dlay 2	Type	Src
55						NORM	
56						NORM	
57						NORM	
58						NORM	
59						NORM	
60						NORM	
61						NORM	
62						NORM	
63						NORM	
64						NORM	

Ped Det Parms [5.4]

Det #	Call Ø	No Act	Max Pres	Err Cnt
1	2		15	
2	4		15	
3	6		15	
4	8		15	
5			15	
6			15	
7			15	
8			15	

Unit Paramters [1.2.1]

TS2 Det Faults	ON
Vol/Occ Report Parm [1.5.8]	
Vol/Occ Period Minutes	0
Vol/Occ Period Minutes	15

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Preemption Times [3.1], Options+ [3.6]

Pre #	Enable	Type	Output	Delay	MinDura
1	ON	RAIL	Dwell		15
2	ON	EMERG	Dwell		15
3	ON	EMERG	Dwell		5
4	ON	EMERG	Dwell		5
5	ON	EMERG	Dwell		5
6	ON	EMERG	Dwell		15
Pre #	MaxPres	MinGrn	MinWlk	PedClr	Co+Pre
1	180	3			ON
2	180	3			ON
3	180	3		10	ON
4	180	3		10	ON
5	180	3		10	ON
6	180	3	7	30	ON
Pre #	Track Grn	Min Dwell	Ext Dwell	PedClr+	Yel
1		2			
2		2			
3		2			
4		2			
5		2			
6					

Pre #	Red	Pattern	Skip
1			OFF
2			OFF
3			OFF
4			OFF
5			OFF
6			OFF

Low Priority Preempts

Pre #	Type	Min	Max
7	OFF		
8	OFF		
9	OFF		
10	OFF		

Unit Parameters [1.2.1]

Stop Timer Over Preempt	OFF
Preempt or Ext Output	PRE
Max Seek Track Time	
Max Seek Dwell Time	

Channel Parameters [1.8.3]

D Conn Mappings	None
Pre Invert Rail Input	OFF

Track Clear Phases [3.2], Track Clear Overlaps+ [3.5]

Pre #	Track Phases				Track Overlaps											
1																
2																
3																
4																
5																
6																

Dwell Phases [3.2] and Overlaps+ [3.5]

Pre #													
1	Phases												
	Overlap												
	Peds												
2	Phases	1	6										
	Overlap												
	Peds												
3	Phases	2	5										
	Overlap												
	Peds												
4	Phases	3	8										
	Overlap												
	Peds												
5	Phases	4	7										
	Overlap												
	Peds												
6	Phases	9											
	Overlap												
	Peds												

Exit Phases [3.2]

Pre #	Exit Phase			
1				
2				
3				
4				
5				
6				

Preemption Options+ [3.6]

Pre #	Lock	Override Auto Flsh	Override Higher	Flsh Dwell	Link
1	ON	ON	ON	OFF	
2	OFF	ON	OFF	OFF	
3	ON	ON	ON	OFF	
4	ON	ON	OFF	OFF	
5	ON	ON	OFF	OFF	
6	OFF	ON	OFF	OFF	

Alt# 1 Times Table [1.1.6.1.2]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 2 Times Table [1.1.6.1.2]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 3 Times Table [1.1.6.1.3]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 1 Options Table [1.1.6.2.1]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 1 Veh Parameters [5.5.1.1]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Swiitch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 1 Veh Options [5.5.1.2]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 1 Veh Parameters+ [5.5.1.3]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 1 Ped Parameters+ [5.5.1.4]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Alt# 2 Options Table [1.1.6.2.2]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 3 Options Table [1.1.6.2.3]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 4 Options Table [1.1.6.2.4]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 2 Veh Parameters [5.5.2.1]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Swiitch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 2 Veh Options [5.5.2.2]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 2 Veh Parameters+ [5.5.2.3]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 2 Ped Parameters+ [5.5.2.4]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Annual Schedule [4.3] Month of Year Day of Week Date Day Plan Link To

	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Day Plan	Link To
1	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON		ON	ON	ON	ON	ON		ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	1	
2	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON						ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	2	
3																																																		1	
4																																																			1	
5																																																		1	
6																																																		1	
7																																																		1	
8																																																		1	
9																																																		1	
10																																																		1	
11																																																		1	
12																																																		1	
13																																																		1	
14																																																		1	
15																																																		1	
16																																																		1	
17																																																		1	
18																																																		1	
19																																																		1	
20																																																		1	
21																																																		1	
22																																																		1	
23																																																		1	
24																																																		1	

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Attachment S-274

Day Plans [4.4]

Day Plan 1

	Hour	Min	Act		Hour	Min	Act
1	0	0	5	9	0	0	0
2	6	0	1	10	0	0	0
3	9	30	2	11	0	0	0
4	15	0	3	12	0	0	0
5	19	30	2	13	0	0	0
6	21	0	5	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 2

	Hour	Min	Act		Hour	Min	Act
1	0	0	5	9	0	0	0
2	7	0	2	10	0	0	0
3	21	0	5	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 3

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 4

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 5

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 6

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 7

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 8

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 9

	Hour	Min	Act		Hour	Min	Act
1	0	0	4	9	0	0	0
2	4	0	9	10	0	0	0
3	12	0	10	11	0	0	0
4	22	0	4	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 10

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 11

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 12

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 13

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 14

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 15

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Action Table [4.5]

Act#	Pat#	A1	A2	A3	S1	S2	S3	S4	S5	S6	S7	S8
1	1											
2	2											
3	3											
4	4											
5	5	ON										
6	6											
7	7											
8	8											
9	9											
10	10											
11	11											
12	12											
13	13											
14	14											
15	15											
16	16											
17	17											
18	18											
19	19											
20	20											
21	21											
22	22											
23	23											
24	24											
25												
26												
27												
28												
29												
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
48												
98												
99												
100	255											

Coord Alternate Tables - Pat+ [2.6]

Pat#	ØOpt	ØTime	DetG	Call Inh	CIC	CNA1	Overlap Off 1	2	3	4	5	6	7	8	Dia	Max2
1															DFT	
2															DFT	
3															DFT	
4															DFT	
5															DFT	
6															DFT	
7															DFT	
8															DFT	
9															DFT	
10															DFT	
11															DFT	
12															DFT	
13															DFT	
14															DFT	
15															DFT	
16															DFT	
17															DFT	
18															DFT	
19															DFT	
20															DFT	
21															DFT	
22															DFT	
23															DFT	
24															DFT	
25															DFT	
26															DFT	
27															DFT	
28															DFT	
29															DFT	
30															DFT	
31															DFT	
32															DFT	
33															DFT	
34															DFT	
35															DFT	
36															DFT	
37															DFT	
38															DFT	
39															DFT	
40															DFT	
41															DFT	
42															DFT	
43															DFT	
44															DFT	
45															DFT	
46															DFT	
47															DFT	
48															DFT	

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C1-USER IO Map [1.8.9.1 In]

I1-1	1	Veh Call 1
I1-2	2	Veh Call 2
I1-3	3	Veh Call 3
I1-4	4	Veh Call 4
I1-5	5	Veh Call 5
I1-6	6	Veh Call 6
I1-7	7	Veh Call 7
I1-8	8	Veh Call 8
I2-1	9	Veh Call 9
I2-2	10	Veh Call 10
I2-3	11	Veh Call 11
I2-4	12	Veh Call 12
I2-5	129	Ped Call 1
I2-6	130	Ped Call 2
I2-7	131	Ped Call 3
I2-8	132	Ped Call 4
I3-1	17	Veh Call 17
I3-2	18	Veh Call 18
I3-3	19	Veh Call 19
I3-4	20	Veh Call 20
I3-5	21	Veh Call 21
I3-6	22	Veh Call 22
I3-7	23	Veh Call 23
I3-8	24	Veh Call 24
I4-1	189	Unused
I4-2	189	Unused
I4-3	189	Unused
I4-4	189	Unused
I4-5	189	Unused
I4-6	189	Unused
I4-7	229	33xCMUStop
I4-8	228	33xFlashSns
I5-1	201	Pre 4 In
I5-2	202	Pre 5 In
I5-3	199	Pre 2 In
I5-4	200	Pre 3 In
I5-5	189	Unused
I5-6	189	Unused
I5-7	189	Unused
I5-8	189	Unused
I6-1	189	Unused
I6-2	189	Unused
I6-3	189	Unused
I6-4	189	Unused
I6-5	189	Unused
I6-6	189	Unused
I6-7	189	Unused
I6-8	189	Unused

C1-USER IO Map [1.8.9.2 Out]

O1-1	1	Ch1 Red
O1-2	49	Ch1 Green
O1-3	2	Ch2 Red
O1-4	26	Ch2 Yellow
O1-5	50	Ch2 Green
O1-6	3	Ch3 Red
O1-7	27	Ch3 Yellow
O1-8	51	Ch3 Green
O2-1	4	Ch4 Red
O2-2	52	Ch4 Green
O2-3	5	Ch5 Red
O2-4	29	Ch5 Yellow
O2-5	53	Ch5 Green
O2-6	6	Ch6 Red
O2-7	30	Ch6 Yellow
O2-8	54	Ch6 Green
O3-1	7	Ch7 Red
O3-2	55	Ch7 Green
O3-3	8	Ch8 Red
O3-4	32	Ch8 Yellow
O3-5	56	Ch8 Green
O3-6	9	Ch9 Red
O3-7	33	Ch9 Yellow
O3-8	57	Ch9 Green
O4-1	10	Ch10 Red
O4-2	58	Ch10 Green
O4-3	11	Ch11 Red
O4-4	35	Ch11 Yellow
O4-5	59	Ch11 Green
O4-6	12	Ch12 Red
O4-7	36	Ch12 Yellow
O4-8	60	Ch12 Green
O5-1	28	Ch4 Yellow
O5-2	34	Ch10 Yellow
O5-3	25	Ch1 Yellow
O5-4	31	Ch7 Yellow
O5-5	39	Ch15 Yellow
O5-6	63	Ch15 Green
O5-7	115	Not Used
O5-8	114	Watchdog
O6-1	115	Not Used
O6-2	115	Not Used
O6-3	13	Ch13 Red
O6-4	37	Ch13 Yellow
O6-5	61	Ch13 Green
O6-6	14	Ch14 Red
O6-7	38	Ch14 Yellow
O6-8	62	Ch14 Green

C1-USER IO Map [1.8.9.2 Out]

O7-1	40	Ch16 Yellow
O7-2	16	Ch16 Red
O7-3	64	Ch16 Green
O7-4	115	Not Used
O7-5	115	Not Used
O7-6	115	Not Used
O7-7	115	Not Used
O7-8	15	Ch15 Red

C11S-USER IO Map [1.8.9.1 In]

I4-1		
I4-2		
I4-3		
I4-4		
I7-1	189	Unused
I7-2	189	Unused
I7-3	189	Unused
I7-4	189	Unused
I7-5	189	Unused
I7-6	189	Unused
I7-7	189	Unused
I7-8	189	Unused
I8-1	189	Unused
I8-2	189	Unused
I8-3	189	Unused
I8-4	189	Unused
I8-5	189	Unused
I8-6	189	Unused
I8-7	189	Unused
I8-8	189	Unused

C11S-USER IO Map [1.8.9.2 Out]

O8-1	115	Not Used
O8-2	115	Not Used
O8-3	115	Not Used
O8-4	115	Not Used
O8-5	115	Not Used
O8-6	115	Not Used
O8-7	115	Not Used
O8-8	115	Not Used

IO Logic [1.8.7]

Op1	Result		O1Fcn	Inv1	IO1	Opn1	O2Fcn	Inv2	IO2	Opn2	O3Fcn	Inv3	IO3	Opn3	Dly	Sec
I	**203**	=	----	-	I	**240**	**AND**	**!**	O	**2**	**AND**	-	O	125	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	EXT	0
I	**240**	=	----	-	I	**20**	----	-	I	**0**	----	-	I	0	SHF	3
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0

Security Access Levels [8.2]

1	SWLOAD	22	None	43	None
2	SECURE	23	None	44	None
3	None	24	None	45	None
4	None	25	None	46	None
5	None	26	None	47	None
6	None	27	None	48	None
7	None	28	None	49	None
8	None	29	None	50	None
9	None	30	None	51	None
10	None	31	None	52	None
11	None	32	None	53	None
12	None	33	None	54	None
13	None	34	None	55	None
14	None	35	None	56	None
15	None	36	None	57	None
16	None	37	None	58	None
17	None	38	None	59	None
18	None	39	None	60	None
19	None	40	None	61	None
20	None	41	None	62	None
21	None	42	None	63	None
				64	None

Com Parameters [6.1]

Station ID	3060
Group ID	
Master ID	0
Backup Time	0

SysUp Modem [6.1]

Enable Modem	OFF
Idle Time	0
Dial Time	0
Tel:	
Alt:	

2070 Port Parms [6.2]

Port	Baud Rate	FCM
SP1	9600	MODE 6
SP2	9600	MODE 6
SP3	19200	MODE 6
SP4	38400	MODE 6
SP5	1200	AUTO
SP6	1200	AUTO
SP7	1200	AUTO
SP8	1200	AUTO

2070 IP 1 Addressing [6.5]

	Addressing			
Addr	10	20	9	172
Mask	255	255	255	224
Brdcst	10	20	9	191
GtWay	10	20	9	161
Port	1544			

2070 IP 2 Addressing [6.5]

	Addressing			
Addr	0	0	0	0
Mask	0	0	0	0
Brdcst	0	0	0	0
GtWay	0	0	0	0
Port	0			

2070 Port Binding Ports [6.6]

	Port	Echo	Mode
ASYNC1	SP1	OFF	0
ASYNC2	SP2	OFF	0
ASYNC3	SP3	OFF	0
ASYNC4	SP4	OFF	0
SYNC1	SP5S	SYNC3	OFF
SYNC2	OFF	SYNC4	OFF

2070 Port Binding Functions [6.6]

Function	Channel	Function	Channel
TS2/CVM	None	SYSUp	ASYNC2
CMU/MMU	None	SYSDown	ASYNC1
Opticom	None	Shell	None
Loop Det.	None		
GPS	-		

#	Event / Alarm	Ev	Alr
1	Power Up Alarm.	ON	
2	Stop Timing	ON	ON
3	TS1 Cabinet Door	ON	ON
4	Coordination Failure	ON	ON
5	External Alarm # 1		
6	External Alarm # 2		
7	External Alarm # 3		
8	External Alarm # 4		
9	Closed Loop Disabled		
10	External Alarm # 5		
11	External Alarm # 6		
12	Manual Control Enable	ON	
13	Coord Free Input	ON	
14	Local Flash Input	ON	
15	MMU Flash	ON	
16	CMU Flash	ON	
17	Cycle Fault	ON	
18	Cycle Failure	ON	
19	Coordination Fault	ON	
20	Controller Fault	ON	
21	Detector SDLC Failure	ON	
22	MMU SDLC Failure	ON	
23	Critical SDLC Failure	ON	
24	Reserved	ON	
25	EEPROM CRC Fault	ON	
26	Detector Diagnostic Failur	ON	ON
27	BIU Detector Failure	ON	
32	Queue detector alarm	ON	
29	Ped Detector Fault	ON	ON
30	Coord Diagnostic Fault	ON	ON
41	TempAlert Probe Ch. A		
42	TempAlert Probe Ch. B		
47	Coord Active	ON	ON
48	Preempt Active	ON	ON
49	Preempt 1 Input	ON	
50	Preempt 2 Input	ON	
51	Preempt 3 Input	ON	
52	Preempt 4 Input	ON	
53	Preempt 5 Input	ON	
54	Preempt 6 Input	ON	
55	Preempt 7 Input	ON	
56	Preempt 8 Input	ON	
57	Preempt 9 Input	ON	
58	Preempt 10 Input	ON	
61	In Transition		
81	FIO Status Alarm		

Call Phases[1.1.5]

Ø	Ø	Phases Called By Ø			
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

Redirect Phases[1.1.5]

	From	To	From	To	From	To	From	To
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

Inhibit Phases[1.1.5]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																

Alt Call & Redirect # 1 [1.1.6.3]

Col	Ø	Phases Called By Ø					From	To	From	To	From	To	From	To	From	To
1						1										
2						2										
3						3										
4						4										
5						5										
6						6										
7						7										
8						8										

Alt Inhibit Phases # 1 [1.1.6.3]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																

Alt Call & Redirect # 2 [1.1.6.3]

Col	Ø	Phases Called By Ø					From	To	From	To	From	To	From	To	From	To
1						1										
2						2										
3						3										
4						4										
5						5										
6						6										
7						7										
8						8										

Alt Inhibit Phases # 2 [1.1.6.3]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																

Coord, CIC Plans [2.3]

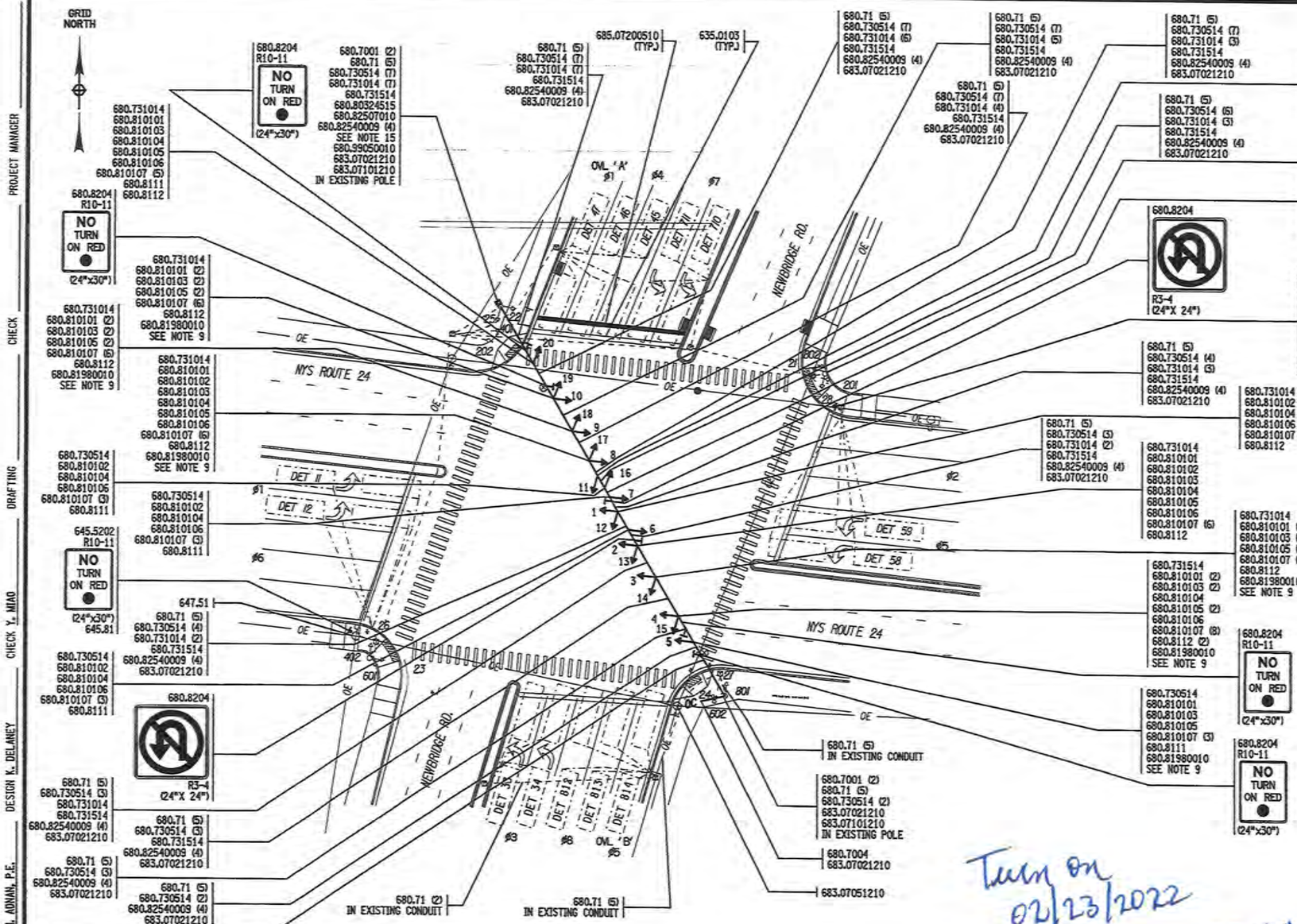
CIC	CoØ	Grow	1	2	3	4	5	6	7	8
1	OFF									
2	OFF									
3	OFF									
4	OFF									

Auto Flash Phase/Olap Settings [1.4.2]

Yel Ø								
Yel (olaps)								

Unit Parameters [1.2.1]

Allow Skip Yellow	OFF	Max Cycle Time	
TOD Dim Enable	OFF	Cycle Fault Action	Alarm
Tone Disable	OFF		
Diamond Mode	4Ph		
Backup Time (s)	900		
Disable Init Ped	OFF		
Cycle Fault Action	Alarm		
Enable Run Timer	ON		



FIELD CHANGE SHEET

THIS SHEET SUPPLEMENTS ORIGINAL CONTRACT SHEET NO. 42.

NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NYSDOT REGIONAL TRAFFIC SIGNAL DETAIL SHEETS AND NYS STANDARD SHEETS.
2. PRIOR TO BEGINNING ANY WORK ON THE CONTRACT, THE CONTRACTOR SHALL NOTIFY THE REGIONAL TRAFFIC SIGNAL SECTION TO PERFORM AN INSPECTION OF THE EXISTING TRAFFIC SIGNAL EQUIPMENT. AFTER THE INSPECTION, THE CONTRACTOR MUST SUBMIT A WRITTEN NOTIFICATION WITH THE DATE THEY WILL ASSUME TRAFFIC SIGNAL MAINTENANCE. NO WORK SHALL PROCEED ON THE CONTRACT UNTIL TRAFFIC SIGNAL MAINTENANCE IS ASSUMED. THE EXISTING TRAFFIC SIGNAL SHALL BE MAINTAINED UNDER ITEM 619.1613 EXCEPT FOR THE CONTROLLER, PROGRAMMING, AND TIMING WHICH SHALL BE MAINTAINED BY THE STATE.
3. ALL TRAFFIC SIGNALS SHALL BE MAINTAINED IN A TRAFFIC RESPONSIVE OPERATION AND ALL INTERCONNECT, WHERE EXISTING, SHALL BE MAINTAINED. THE CONTRACTOR SHALL PAY A LIQUIDATED DAMAGES CHARGE OF $500.00 PER CALENDAR DAY IF ACTUATION AND COORDINATION IS NOT MAINTAINED.
4. ALL VEHICLE DETECTION AND SIGNAL COORDINATION MUST BE MAINTAINED AT ALL TIME. SPLICING OF INDUCTANCE LOOP WIRE, SHIELDED LEAD-IN CABLE, AND INTERCONNECT CABLE SHALL BE ALLOWED FOR TEMPORARY REPAIRS DURING CONSTRUCTION ONLY. TEMPORARY LOOP DETECTORS, IF NECESSARY, SHALL BE AT LEAST 6 FT X 6 FT, BE CENTERED IN THEIR RESPECTIVE LANE, AND PAID FOR UNDER ITEMS 680.54 AND 680.72. OTHER TYPES OF TEMPORARY DETECTION MAY BE USED UPON APPROVAL OF THE REGIONAL TRAFFIC SIGNAL SECTION.
5. TRAFFIC SIGNAL TURN-ON SHALL BE DONE BY NYS TRAFFIC SIGNAL PERSONNEL ONLY. THE CONTRACTOR SHALL PAY A LIQUIDATED DAMAGES CHARGE OF $10,000 IF THE TRAFFIC SIGNAL IS TURNED ON (INCLUDING FLASHING OPERATION) WITHOUT NYS TRAFFIC SIGNAL PERSONNEL PRESENT. THE CONTRACTOR SHALL NOTIFY THE NYS TRAFFIC SIGNAL SECTION TWO WEEKS PRIOR TO THE REQUESTED DATE OF TURN-ON.
6. ALL DETECTORS SHALL BE CENTERED IN THEIR RESPECTIVE LANES AND SPACED 10 FT APART UNLESS OTHERWISE INDICATED IN THE PLAN.
7. THE NOTES ON TSD-1 TO TSD-12 SHALL APPLY.
8. WHERE THERE IS A POTENTIAL FOR DANGEROUS PROXIMITY OR CONTACT WITH ENERGIZED ELECTRICAL SYSTEMS, UTILITIES SHALL BE CALLED TO DECIDE THE NEED TO DE-ENERGIZE OR INSULATE LINES, OR OTHERWISE PROTECT AGAINST ACCIDENTAL CONTACT.
9. TRAFFIC SIGNAL BACK PLATES SHALL BE PLACED ON SIGNAL FACES 3, 4, 5, 8, 9 & 10. THE BACK PLATES SHALL HAVE A 5 INCH BORDER WITH 3 INCH YELLOW REFLECTIVE TAPE AROUND THE BORDER. ALL WORK SHALL BE PAID FOR UNDER ITEM 680.81980010 AND PERFORMED IN ACCORDANCE WITH THE SPECIAL SPECIFICATION.
10. THE EXISTING TRAFFIC SIGNAL POLES HAVE A HEIGHT OF 10 M (32.8 FT), A DESIGN LOAD OF 70 KN (15,736 LBS), AND A FOOTING MOMENT OF 678 KN-M (500 KIPS-FT).
11. IF THE BRICK COLLAR ON THE PULL BOXES IS DAMAGED OR MISSING, THE CONTRACTOR SHALL REPLACE THE COLLAR, WORK TO BE PAID FOR UNDER ITEM 680.51050010.
12. IF THE PULL BOXES HAVE EITHER OF THE 2 WIRE HANGERS MISSING AS PER DETAIL ON STANDARD SHEET 680-04, THE CONTRACTOR SHALL FURNISH AND INSTALL NEW WIRE HANGERS.
13. THE TRAFFIC SIGNAL HEADS SHALL BE TETHERED TO THE SECOND SPAN WIRE AS PER DETAIL A, SPAN WIRE SIGN MOUNTING, ON DRAWING NO. TSD-9
14. THE EXISTING CONTROLLER, CABINETS AND ALL ITS CONTENTS, PED POLES, LED TRAFFIC SIGNAL MODULES, LED PEDESTRIAN SIGNAL MODULES, ADA PEDESTRIAN PUSH BUTTONS, AND HAND HOLE COVERS SHALL BE RETURNED TO THE STATE. ALL OTHER EQUIPMENT SHALL BE DISPOSED OF BY THE CONTRACTOR.
15. BEFORE WORK BEGINS ON THE TRAFFIC SIGNAL, THE CONTRACTOR SHALL NOTIFY THE EIC AS TO THE PRESENCE OF OPTICAL PRE-EMPTION ON THE EXISTING SPAN WIRE. THE EIC SHALL THEN NOTIFY THE NYSDOT PERMITS SECTION SO THEY CAN INFORM THE PERMITTEE OF ANY CHANGES TO THE TRAFFIC SIGNAL SPAN. CONTRACTOR SHALL RELOCATE ALL EXISTING OPTICAL PRE-EMPTION EQUIPMENT TO THE NEW SPAN WIRE AND NEW SIGNAL CABINET. PAYMENT FOR THIS WORK SHALL BE MADE UNDER ITEMS 680.82507010 AND 680.82540009 BASED UPON THE NUMBER OF OPTICAL DETECTORS THAT ARE TRANSFERRED/INSTALLED.
16. THE CONTRACTOR SHALL LEAVE SLACK AND SPLICE THE PROPOSES 12 FIBER DROP CABLE TO THE EXISTING 72 FIBER TRUCK CABLE. PRIOR TO PERFORMING THIS SPLICE, THE CONTRACTOR SHALL SUBMIT THE PROPOSED FIBER OPTIC SPLICING SCHEMATIC TO THE EIC FOR APPROVAL.
17. CONTRACTOR SHALL PROVIDE A 5' COIL OF FIBER OPTIC DROP CABLE TO CONNECT TO PATCH PANEL.

SIGNAL NO. 104

Loc 46

20 0 20 40 60 80'
1" = 40'

AFFIX SEAL:
ON:

STATE OF NEW YORK
MD MONADIL ADNAN
LICENSED PROFESSIONAL ENGINEER
No. 092302

ALTERED BY:
ON:

APPROVED BY M.F. for ACTING REGIONAL DIRECTOR RICH CAUSIN, P.E. 10/12/2021 DATE

D264217

THIS SHEET SUPPLEMENTS ORIGINAL CONTRACT SHEET NO. 42.

THE QUANTITY INCREASE, DECREASE, AND NET CHANGE ARE BEING PREPARED BY THE REGION OFFICE AND SHALL BE SHOWN ON THE AS-BUILT DRAWINGS.

THIS SIGNATURE IS FOR THE APPROVAL OF THE FOLLOWING FIELD CHANGE SHEETS: FROM SHEET 42F48 THROUGH 42F50.

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

TRAFFIC SIGNAL & LIGHTING REQUIREMENTS
CONTRACT 38
VARIOUS LOCATIONS
PACKAGE 29
COUNTIES: NASSAU & SUFFOLK REGION: 10

PIN 0810.15

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

TRAFFIC SIGNAL PLANS

NY 24 AT NY 106
EAST MEADOW, NASSAU COUNTY
SIGNAL NUMBER 104

CONTRACT NUMBER D264217

DRAWING NO. TSP-18

SHEET NO. 42F48

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY HIS OR HER SIGNATURE AND THE DATE OF SUCH ALTERATION.

NEW YORK STATE OF | Department of

PROJECT MANAGER
CHECK
DRAFTING
DESIGN K. DELANEY
CHECK Y. MIAO
JOB MANAGER M. ADNAN, P.E.
DESIGN SUPERVISOR M. UFKO, P.E.

FILE NAME = 081015_CPH_TSP_019.DGN
DATE/TIME = 07-OCT-2021 08:47
USER = kdelaney

SIGNAL OPERATION SPECIFICATIONS
TABLE OF SWITCH PACKS

SIGNAL NO.: 104 — COUNTY: NASSAU

	SWITCH PACK	FUNCTION	FACE NOS.			INDICATIONS	TERMINAL WIRING BOARD TERMINAL	WIRE COLOR CODE			
R	SP1 E-N	ø1	1		2	←R ←Y ←G NEUTRAL WIRE	SP 1R SP 1Y SP 1G NEUTRAL BUS	14/10C-1-R 14/10C-1-O 14/10C-1-G 14/10C-1-W	14/10C-2-R 14/10C-2-O 14/10C-2-G 14/10C-2-W	— — — —	— — — —
Y	SP2 W	ø2	8	9	10	R Y G NEUTRAL WIRE	SP 2R SP 2Y SP 2G NEUTRAL BUS	14/10C-3-R 14/10C-3-O 14/10C-3-G 14/10C-3-W	14/10C-4-R 14/10C-4-O 14/10C-4-G 14/10C-4-W	14/10C-5-R 14/10C-5-O 14/10C-5-G 14/10C-5-W	— — — —
R	SP3 N-W	ø3	11		12	←R ←Y ←G NEUTRAL WIRE	SP 3R SP 3Y SP 3G NEUTRAL BUS	14/5C-1-R 14/5C-1-O 14/5C-1-G 14/5C-1-W	14/10C-1-R/B 14/10C-1-O/B 14/10C-1-G/B 14/10C-1-W/B	— — — —	— — — —
R	SP4 S	ø4	18	19	20	R Y G NEUTRAL WIRE	SP 4R SP 4Y SP 4G NEUTRAL BUS	14/10C-4-R/B 14/10C-4-O/B 14/10C-4-G/B 14/10C-4-W/B	14/10C-5-R/B 14/10C-5-O/B 14/10C-5-G/B 14/10C-5-W/B	14/10C-6-R 14/10C-6-O 14/10C-6-G 14/10C-6-W	— — — —
R	SP5 W-S	ø5	6		7	←R ←Y ←G NEUTRAL WIRE	SP 5R SP 5Y SP 5G NEUTRAL BUS	14/5C-2-R 14/5C-2-O 14/5C-2-G 14/5C-2-W	14/5C-3-R 14/5C-3-O 14/5C-3-G 14/5C-3-W	— — — —	— — — —
Y	SP6 E	ø6	3	4	5	R Y G NEUTRAL WIRE	SP 6R SP 6Y SP 6G NEUTRAL BUS	14/10C-7-R 14/10C-7-O 14/10C-7-G 14/10C-7-W	14/15C-1-R 14/15C-1-O 14/15C-1-G 14/15C-1-W	14/5C-4-R 14/5C-4-O 14/5C-4-G 14/5C-4-W	— — — —
R	SP7 S-E	ø7	16		17	←R ←Y ←G NEUTRAL WIRE	SP 7R SP 7Y SP 7G NEUTRAL BUS	14/5C-5-R 14/5C-5-O 14/5C-5-G 14/5C-5-W	14/10C-3-R/B 14/10C-3-O/B 14/10C-3-G/B 14/10C-3-W/B	— — — —	— — — —
R	SP8 N	ø8	13	14	15	R Y G NEUTRAL WIRE	SP 8R SP 8Y SP 8G NEUTRAL BUS	14/10C-2-R/B 14/10C-2-O/B 14/10C-2-G/B 14/10C-2-W/B	14/10C-7-R/B 14/10C-7-O/B 14/10C-7-G/B 14/10C-7-W/B	14/15C-1-R/B 14/15C-1-O/B 14/15C-1-G/B 14/15C-1-W/B	— — — —
W	SP9 S-W	OVL "A" ø1	20			←Y ←G NEUTRAL WIRE	SP 9R SP 9Y SP 9G NEUTRAL BUS	— 14/10C-6-O/B 14/10C-6-G/B 14/10C-6-W/B	— — — —	— — — —	— — — —
	SP10	—	—			NEUTRAL WIRE	SP 10R SP 10Y SP 10G NEUTRAL BUS	— — — —	— — — —	— — — —	— — — —
W	SP11 N-E	OVL "B" ø5	15			←Y ←G NEUTRAL WIRE	SP 11R SP 11Y SP 11G NEUTRAL BUS	— 14/15C-1-BL/W 14/15C-1-G/W 14/15C-1-B/W	— — — —	— — — —	— — — —
	SP12	—	—			NEUTRAL WIRE	SP 12R SP 12Y SP 12G NEUTRAL BUS	— — — —	— — — —	— — — —	— — — —
W	SP13 W	PED "A" ø2	21		22	DONT WALK WALK NEUTRAL WIRE	SP 13R SP 13Y SP 13G NEUTRAL BUS	EXISTING EXISTING	EXISTING EXISTING	— — — —	— — — —
W	SP14 S	PED "B" ø4	25		26	DONT WALK WALK NEUTRAL WIRE	SP 14R SP 14Y SP 14G NEUTRAL BUS	EXISTING EXISTING	EXISTING EXISTING	— — — —	— — — —
NP	SP15 E	PED "C" ø6	23		24	DONT WALK WALK NEUTRAL WIRE	SP 15R SP 15Y SP 15G NEUTRAL BUS	EXISTING EXISTING	14/5C-6-R 14/5C-6-G 14/5C-6-W	— — — —	— — — —
NP	SP16 N	PED "D" ø8	27		28	DONT WALK WALK NEUTRAL WIRE	SP 16R SP 16Y SP 16G NEUTRAL BUS	14/5C-7-R 14/5C-7-G 14/5C-7-W	EXISTING EXISTING	— — — —	— — — —

SIGNAL OPERATION SPECIFICATIONS
TABLE OF INPUT WIRING

SIGNAL NO.: 104 — COUNTY: NASSAU

FUNCTION	DETECTOR NUMBER	TYPE	TERMINAL BOARD WIRING
E-N ø1	11	PRESENCE LOOP	1A , 1B
E-N ø1	12	PRESENCE LOOP	2A , 2B
N-W ø3	33	PRESENCE LOOP	3A , 3B
N-W ø3	34	PRESENCE LOOP	4A , 4B
S ø4	45	PRESENCE LOOP	5A , 5B
S ø4	46	PRESENCE LOOP	6A , 6B
S ø4	47	PRESENCE LOOP	7A , 7B
W-S ø5	58	PRESENCE LOOP	8A , 8B
W-S ø5	59	PRESENCE LOOP	9A , 9B
S-E ø7	710	PRESENCE LOOP	10A , 10B
S-E ø7	711	PRESENCE LOOP	11A , 11B
N ø8	812	PRESENCE LOOP	12A , 12B
W ø2	201,202	PED BUTTON	13A , 13B
S ø4	401,402	PED BUTTON	14A , 14B
E ø6	601,602	PED BUTTON	15A , 15B
N ø8	801,802	PED BUTTON	16A , 16B
N ø8	813	PRESENCE LOOP	17A , 17B
N ø8	814	PRESENCE LOOP	18A , 18B
—	—	—	19A , 19B
—	—	—	20A , 20B
—	—	—	21A , 21B
—	—	—	22A , 22B
—	—	—	23A , 23B
—	—	—	24A , 24B
—	—	—	25A , 25B
—	—	—	26A , 26B
—	—	—	27A , 27B
—	—	—	28A , 28B

FIELD CHANGE SHEET

THIS SHEET SUPPLEMENTS ORIGINAL CONTRACT SHEET NO. 42
SEE SHEET NUMBER 42F48 FOR APPROVAL.

CLEARANCE TABLE

CLEARANCE	FROM / TO	R	←R	G	←G	R / ←G
1ST	R	R	-	Y	-	R / ←G
2ND		R	-	R	-	R
1ST	←R	-	←R	-	←Y	-
2ND		-	←R	-	←R	-
1ST	G	R	-	G	-	-
2ND		R	-	G	-	-
1ST	←G	-	←R	-	←G	-
2ND		-	←R	-	←G	-
1ST	R / ←G	R	-	Y	-	R / ←G
2ND		R	-	R / ←G	-	R / ←G

14-SPK
7-22
2-24
2-Y
6-R
4-W
7-relays

KEY FOR WIRE COLOR CODE

14/ 19C - 1 - R/B
XX/ XXC - X - X/X

- XX/ — AWG
- XXC — NO. OF CONDUCTORS
- X — CABLE NO. FOR THE GIVEN CONDUCTOR SIZE
- X/X — COLOR OF WIRE / TRACER COLOR

COLOR: B-BLACK O-ORANGE BL-BLUE R-RED G-GREEN W-WHITE

LEGEND

G =CIRCULAR GREEN — Y =CIRCULAR YELLOW
R =CIRCULAR RED — ←G =LEFT GREEN ARROW
G→ =RIGHT GREEN ARROW — G =VERTICAL GREEN ARROW
←R =LEFT RED ARROW — R→ =RIGHT RED ARROW
←Y =LEFT YELLOW ARROW — Y→ =RIGHT YELLOW ARROW

Cuts
1-5, 1-6, 1-9, 1-11, 1-15
2-5, 2-6, [redacted], 2-11, 2-13, 2-15
3-7, 3-8, [redacted], 3-14, 4-7, 4-9, 4-14
4-16, 5-9, 5-11, 5-13, 6-9, [redacted], 6-13
6-15, 9-11, 9-15, 11-[redacted]13, 13-15, 14-16
7-14, 8-14, 8-16

Yellow 6 mits
13, 14, 15, 16

Red Monitor on
1, 2, 3, 4, 5, 6, 7, 8

Relays
1 2 3 4 5 6 7 8 X

AFFIX SEAL: ON:

ALTERED BY: ON:

STATE OF NEW YORK
MD MONADIL ADNAN
LICENSED PROFESSIONAL ENGINEER
No. 092302

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

TRAFFIC SIGNAL & LIGHTING REQUIREMENTS
CONTRACT 38
VARIOUS LOCATIONS
PACKAGE 29
COUNTIES: NASSAU & SUFFOLK — REGION: 10

PIN 0810.15 | BRIDGES | CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

TRAFFIC SIGNAL PLANS
MICROCOMPUTER SIGNAL OPERATION SPEC.
NY 24 AT NY 106
EAST MEADOW, NASSAU COUNTY
SIGNAL NUMBER 104

CONTRACT NUMBER D264217
DRAWING NO. MSOS-8
SHEET NO. 42F50

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

PROJECT MANAGER
CHECK
DRAFTING
DESIGN SUPERVISOR M. UFKO, P.E. — JOB MANAGER M. ADNAN, P.E. — DESIGN K. DELANEY — CHECK Y. MIAO
FILE NAME = 081015.CPH.TSP.021.DGN
DATE/TIME = 07-OCT-2021 09:21
USER = kdelaney

FIELD CHANGE SHEET

THIS SHEET SUPPLEMENTS ORIGINAL CONTRACT SHEET NO. 42.
SEE SHEET NUMBER 42F50 FOR CLEARANCE TABLE.
SEE SHEET NUMBER 42F48 FOR APPROVAL.

SEQUENCE TABLE SIGNAL NO. 104

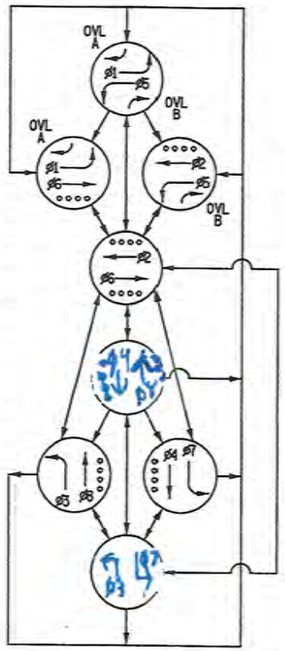
PHASE	FACES 1,2	3,4,5	6,7	8,9,10	11,12	13,14	15	16,17	18,19	20	21,22	23,24	25,26	27,28
	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12" / 16"	12" / 16"	12" / 16"	12" / 16"
ø1 & ø5 OVL 'A' & 'B'	~~G~~	R	~~G~~	R	~~R~~	R	R / ~~G~~	~~R~~	R	R / ~~G~~	DW	DW	DW	DW
ø1 & ø6 OVL 'A'	~~G~~	G	~~G~~	R	~~R~~	R	R	~~R~~	R	R / ~~G~~	DW	*DW	DW	DW
ø2 & ø5 OVL 'B'	~~R~~	R	~~G~~	G	~~R~~	R	R / ~~G~~	~~R~~	R	R	*DW	DW	DW	DW
ø2 & ø6	~~R~~	G	~~R~~	G	~~R~~	R	R	~~R~~	R	R	*DW	*DW	DW	DW
ø3 & ø7	~~R~~	R	~~R~~	R	~~G~~	R	R	~~G~~	R	R	DW	DW	DW	DW
ø3 & ø8	~~R~~	R	~~R~~	R	~~G~~	G	G	~~R~~	R	R	DW	DW	DW	*DW
ø4 & ø7	~~R~~	R	~~R~~	R	~~R~~	R	R	~~G~~	G	G	DW	DW	*DW	DW
ø4 & ø8	~~R~~	R	~~R~~	R	~~R~~	G	G	~~R~~	G	G	DW	DW	*DW	*DW
FLASH	~~R~~	Y	~~R~~	Y	~~R~~	R	R	~~R~~	R	R	—	—	—	—

PHASE 2 AND PHASE 6 SHALL BE PLACED ON RECALL GREEN.

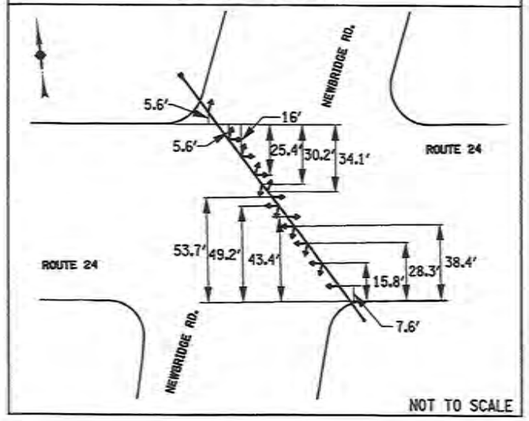
FACES 21, 22, 23, 24, 25, 26, 27 AND 28 SHALL USE A R10-3E SIGN ROM THE FEDERAL MUTCD.

*SHALL BE "[walking person]" UPON ACTUATION FOLLOWED BY A FLASHING "[hand]".

30
1
9
41



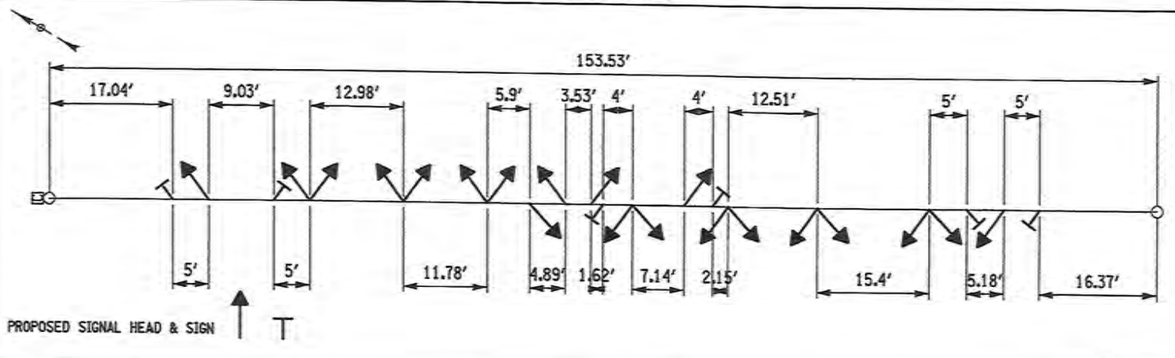
SPACING DIAGRAM



ESTIMATE OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY ESTIMATE	QUANTITY ACTUAL
619.1613	MAINTAIN TRAFFIC SIGNAL EQUIPMENT, REQUIREMENT "C"	INTMO	6	
635.0103	CLEANING & PREPARATION OF PAVEMENT SURFACES - LINES	LF	45	
645.5202	GROUND-MOUNTED SIGN PANELS LSSS THAN OR EQUAL TO 30SF, WITH Z-BARS, HIGH-VISIBILITY SHEETING	SF	10	
645.81	TYPE A SIGN POSTS	EA	2	
647.51	REMOVE & DISPOSE SIGN PANEL/SIGN PANEL ASSEMBLY SIZE I (UNDER 30 SQUARE FEET)	EA	2	
680.7001	SINGLE SPAN WIRE ASSEMBLY	EA	2	
680.7004	MESSENGER ASSEMBLY	LF	20	
680.71	SHIELDED LEAD-IN CABLE	LF	1621	
680.730514	SIGNAL CABLE 5 CONDUCTORS, 14 AWG	LF	1360	
680.731014	SIGNAL CABLE 10 CONDUCTORS, 14 AWG	LF	820	
680.731514	SIGNAL CABLE 15 CONDUCTORS, 14 AWG	LF	171	
680.80324515	INSTALL MICROCOMPUTER CABINET	EA	1	
680.810101	TRAFFIC SIGNAL MODULE - 12 INCH, RED BALL, LED	EA	12	
680.810102	TRAFFIC SIGNAL MODULE - 12 INCH, RED ARROW, LED	EA	8	
680.810103	TRAFFIC SIGNAL MODULE - 12 INCH, YELLOW BALL, LED	EA	12	
680.810104	TRAFFIC SIGNAL MODULE - 12 INCH, YELLOW ARROW, LED	EA	10	
680.810105	TRAFFIC SIGNAL MODULE - 12 INCH, GREEN BALL, LED	EA	12	
680.810106	TRAFFIC SIGNAL MODULE - 12 INCH, GREEN ARROW, LED	EA	10	
680.810107	TRAFFIC SIGNAL SECTION - TYPE I, 12 INCH	EA	64	
680.8111	TRAFFIC SIGNAL BRACKET ASSEMBLY, 1 - WAY	EA	6	
680.8112	TRAFFIC SIGNAL BRACKET ASSEMBLY, 2 - WAY	EA	9	
680.81980010	TRAFFIC SIGNAL BACK PLATES WITH YELLOW REFLECTIVE TAPE	EA	6	
680.8204	OVERHEAD SIGN ASSEMBLY, TYPE D	EA	6	
680.82507010	INSTALLATION/TRANSFER OF OPTICAL DETECTION EQUIPMENT OWNED BY OTHERS	EA	1	
680.82540009	PREEMPT SYSTEM - DETECTOR CABLE - SHIELDED, 3 CONDUCTOR WITH STRANDED GROUND, AWG #20	LF	596	
680.99050010	REMOVE POLE MOUNTED SIGNAL CONTROL CABINET	EA	1	
680.99100010	REMOVE TRAFFIC SIGNAL SPAN WIRE ASSY WITH TRAFFIC SIGNAL HEADS	EA	1	
683.07021210	FIBER OPTIC ARTERIAL DROP CABLE, 12 FIBERS	LF	278	
683.07051210	FIBER OPTIC ARTERIAL CABLE SPLICE	EA	1	
683.07101210	FIBER OPTIC CABLE PATCH PANEL - 12 PORT	EA	1	
685.07200510	WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES (SPECIAL MARKINGS)	LF	156	

SPAN WIRE LAYOUT



NOT TO SCALE

AFFIX SEAL:
ON:

STATE OF NEW YORK
MD MONADIL ADNAN
No. 092302
LICENSED PROFESSIONAL ENGINEER

ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

TRAFFIC SIGNAL & LIGHTING REQUIREMENTS
CONTRACT 38
VARIOUS LOCATIONS
PACKAGE 29
COUNTIES: NASSAU & SUFFOLK REGION: 10

PIN 0810.15

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

TRAFFIC SIGNAL PLANS

NY 24 AT NY 106
EAST MEADOW, NASSAU COUNTY
SIGNAL NUMBER 104

CONTRACT NUMBER
D264217

DRAWING NO. TSP-19
SHEET NO. 42F49

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

PROJECT MANAGER
CHECK
DRAFTING
CHECK Y. MIAO
DESIGN K. DELANEY
JOB MANAGER M. ADNAN, P.E.
DESIGN SUPERVISOR M. UFKO, P.E.

FILE NAME = 081015-CPH_TSP_020.DGN
DATE/TIME = 07-OCT-2021 09:38
USER = kdelaney

Intersection: MERRICK AVE & BELLMORE AVE
Village: EAST MEADOW
Signal: 1250

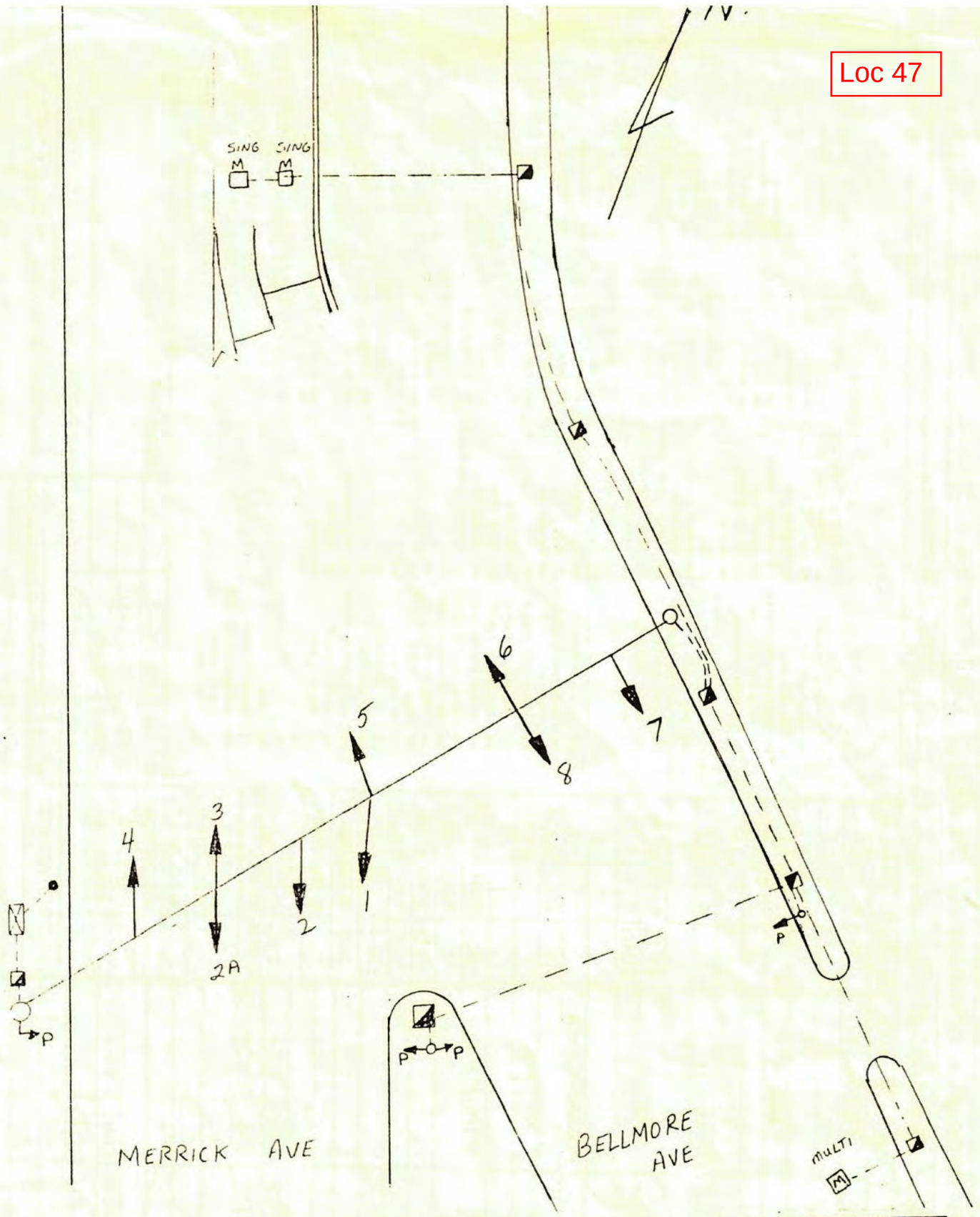
Loc 47

Date: 11/17/00
Cont. Type: MARBELITE

Same phasing and timing for all peak hours

APPROACH LEG	MERR. AVE	BELL. AVE	PED + PH. 2					
Phase	1	2	3	4	5	6	7	8
Detector		65						
Minimum Green	20	12	20					
Passage Time	0.0	3.0	0.0					
Yellow Clearance	4.0	4.0	4.0					
Red Clearance	2.0	2.0	2.0					
Max I	20	35	30					
Max II	20	40	30					
Walk Time	8	0	12					
Ped. Clearance	12	0	17					
Ped. Recall	OFF	OFF	OFF					
Vehicle Recall	EXT/ CNA1	OFF	OFF					
Memory	ON	ON	OFF					
Added Initial Seconds/Actuation								
Time Before Reduction								
Time to Reduce								
Minimum Gap								

Loc 47



SEQUENCE DIAGRAM						SIGNAL PHASING
SIGNAL FACE NO.	1,2 & 2A	3 & 4	5 & 6	7 & 8	B	A	
	R Y G	R Y G	R Y G	R Y G	DONT WALK	DONT WALK	
PHASE	3	4	4	2			

3 + 4 + 8 4 2 4 4 +1 Conf = 22 FACES

Intersection: MERRICK AVENUE & NO. JERUSALEM ROAD
Village: NORTH MERRICK
Signal: 1165

Loc 48

Date: 7/07/08
Cont. Type:

Same phasing and timing for all peak hours

APPROACH LEG	MERR. AVENUE ↑	W/B LEFT TURN ↓	NORTH JERUS. ROAD ↔					
Phase	1	2	3	4	5	6	7	8
Detector		20	30					
Minimum Green	20	3	10					
Passage Time	0.0	1.0	3.0					
Yellow Clearance	4.0	3.0	4.0					
Red Clearance	2.0	1.0	2.0					
Max I	30	10	23					
Max II	20	15	28					
Walk Time	1	0	8					
Ped. Clearance	0	0	18					
Ped. Recall	OFF	OFF	OFF					
Vehicle Recall	EXT	OFF	OFF					
Memory	ON	OFF	ON					
Added Initial Seconds/Actuation								
Time Before Reduction								
Time to Reduce								
Minimum Gap								

FED. RD. REG. NO.	STATE	FEDERAL AID PROJECT NO	SHEET NO.	TOTAL SHEETS
1	NEW YORK		69 RI	2 2 8

MERRICK AVENUE (BARNUM AVENUE C.R. NO. 4

Loc 48

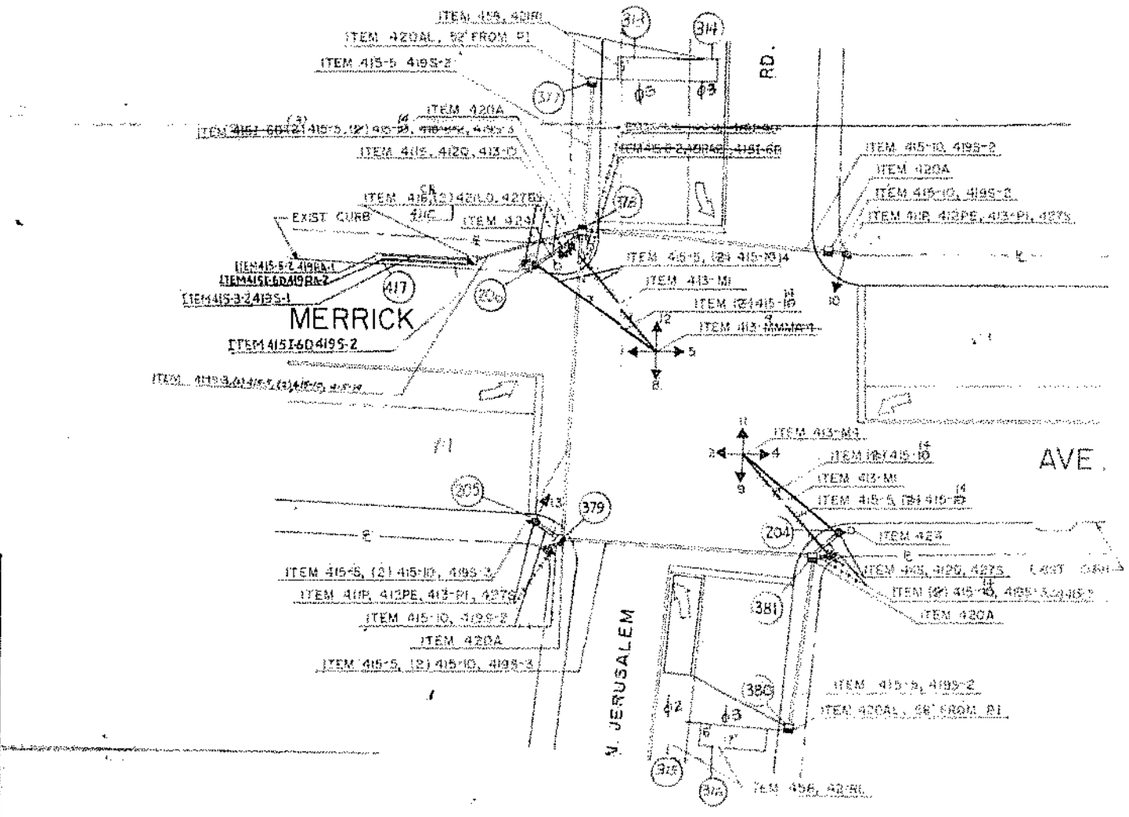
ESTIMATE OF QUANTITIES

SIGNAL NUMBER 7165

		UNIT	QUANTITY
[illegible]	[illegible]	[illegible]	[illegible]
424	TURN KEY SIGNAL INSTL	EACH	2
424	MODIFICATION TO MAST ARM POLES	EACH	2
424	POLE WITH 35 FT MAST ARM	EACH	2
424.1E	MAST ALUMINUM 12 FT HIGH	EACH	1
424.3	SIGNAL HEADS	EACH	1
424.3M	SIGNAL HEADS	EACH	2
424.3A	SIGNAL HEADS	EACH	1
424.3AM	SIGNAL HEADS	EACH	1
424.3V	SIGNAL HEADS	EACH	2
424.5	CABLE 5 CONDUCTOR	LF	420
424.7E	CABLE 10 CONDUCTOR	LF	710
424.8-2	CABLE 2 CONDUCTOR NO 8 AWG	LF	50
425	CABINET & CONTROLLER V & (2) VP MODULES	EACH	1
4198A	CONDUIT STEEL RISER ASSEMBLY 2" DIAM	EACH	
4198-2	CONDUIT STEEL 2" DIAM	LF	175
4198-3	CONDUIT STEEL 3" DIAM	LF	185
420.2	PULL BOX SIDEWALK TYPE	EACH	4
420A	PULL BOX SIDEWALK TYPE WITH 1/2" DIAM	EACH	3
422.1C	DETECTOR LOOP AMPLIFIER	EACH	2
422.1R	LOOP WIRING & SEALING	LF	510
424	REMOVE EXISTING EQUIPMENT	EACH	1
427.2	PUSHBUTTON FLAT SURFACE MOUNT	EACH	1
427.5	PUSHBUTTON SHAFT MOUNT	EACH	3
453	SAW CUT 5/16" WIDE	LF	160
4151-60	INTERCONNECT CABLE - 12 CONDUCTORS	LF	50
4[illegible]	[illegible] FOR [illegible]	EACH	
4198A-1	CONDUIT STEEL RISER ASSEMBLY 1"DIAM.	EACH	
4198-1	CONDUIT STEEL 1"DIAM.	LF	

*

ITEM 424	QUANTITY
TRAFFIC POLE	2
SIGNAL HEAD	1
CONTROLLER & CABINET	1
PUSHBUTTON	-
SPAN WIRE & CABLE	1
MISCELLANEOUS	-



6 4 2 3 15 FACES

SEQUENCE DIAGRAM					SIGNAL PHASING
SIGNAL FACE NO	1 TO 5	8	9 & 10	11 TO 13	
PHASE	R A G	R A G	R A G	R A G	
Ø1	G	R	R	R	
VEH. CL.	A	R	R	R	
	R	R	R	R	
Ø2	R	G	G	R	
[illegible]	R	R	R	R	
[illegible]	R	A	A	R	
[illegible]	R	R	R	R	
Ø3	R	G	G	G	
VEH. CL.	R	A	A	A	
	R	R	R	R	

0 10 20 30 40 50
SCALE IN FEET

NOTES

ADDED ITEMS - 415-9, 4198RA-1, 4198-1, 420...
CHANGE TO ITEMS - 413PE, 415-5, 415-9, 415-10, 415-14, 4151-60, 415-10, 420A, 4198RA-2, 4198-2, 4198-3
DELETED ITEMS - 413MI, 413MA, 427C

COMPUTERIZED SIGNAL SYSTEMS
NASSAU COUNTY

MERRICK AVE.
AT
N. JERUSALEM RD.

1165

DRAWING NO.	SCALE	DATE	SHEET NO.
TED-TS-11M-69	1" = 20'	6-30-70	69RI

WILBUR SMITH AND ASSOCIATES
CONSULTING ENGINEERS

Same phasing and timing for each peak hour

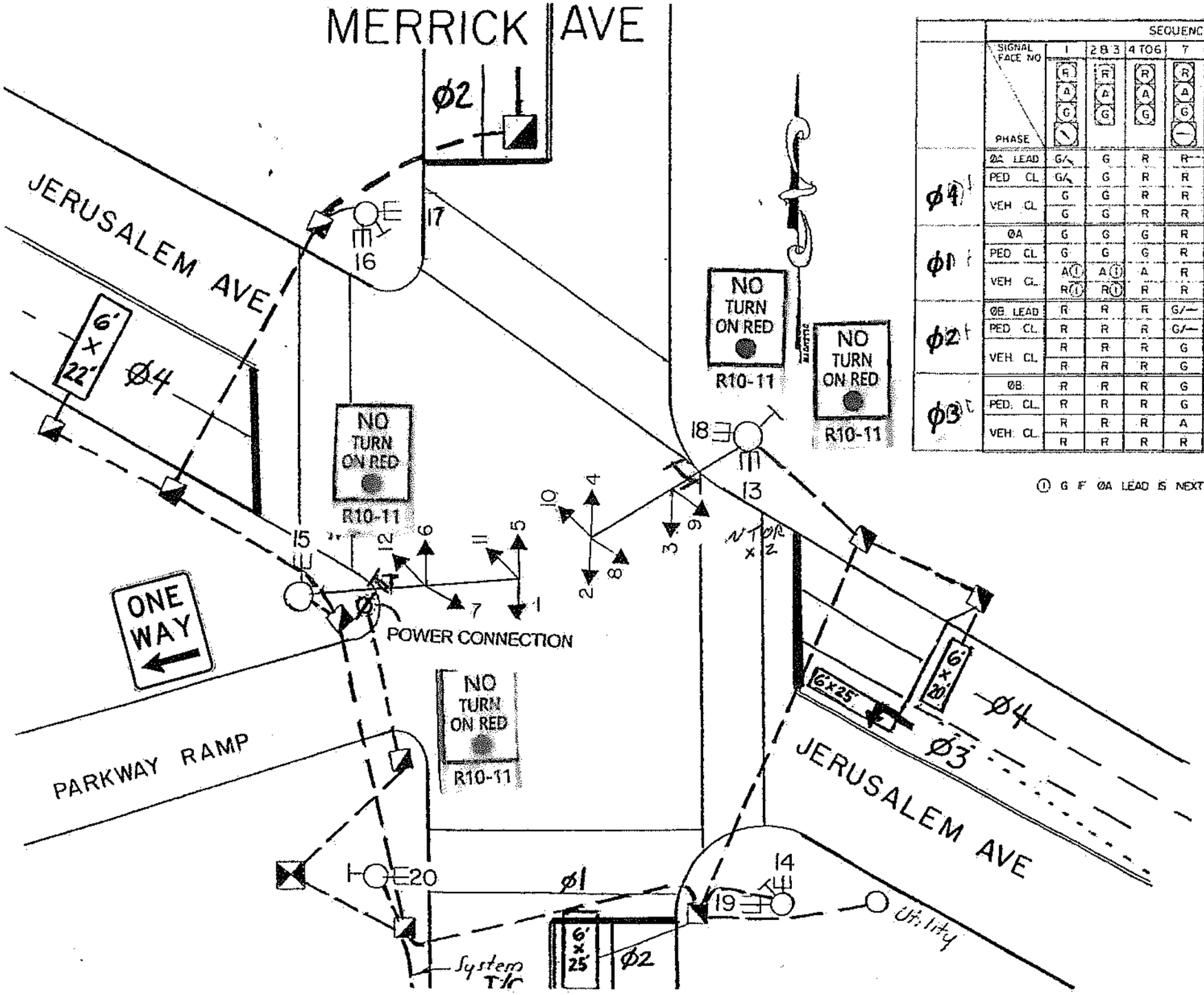
Loc 49

NASSAU COUNTY OFFICIAL T.S.L. TIMING RECORD

Intersection: Merrick Ave. & Jerusalem Ave.
Town: North Merrick
Signal No.: 1094

Remarks: Free Operation
Date: 06/10/2015 smd

Intersection Approach	N/B L/T	Merrick Avenue	W/B L/T	Jerusalem Avenue
Phase	1	2	3	4
Detector Spacing	Presence	-----	Presence	60' +/-
Minimum Green	5	40	5	10
Passage Time	3.0	0.0	3.0	3.0
Walk	0	15	0	10
Pedestrian Clearance	0	25	0	20
Maximum Green 1	13	15	20	30
Maximum Green 2	13	15	20	30
Recall	Off	Ped & Ext	Off	Off
Memory	Off	On	Off	On
Clearance Yellow	3.0	4.0	3.0	4.0
Clearance All Red	2.0	3.0	2.0	3.0



	SEQUENCE DIAGRAM											SIGNAL PHASING
	SIGNAL FACE NO / PHASE	1 (R A G)	2 & 3 (R A G)	4 TO 6 (R A G)	7 (R A G)	8 & 9 (R A G)	10 TO 12 (R A G)	13 & 14 DONT WALK	15 & 16 DONT WALK	17 & 18 DONT WALK	19 & 20 DONT WALK	
Ø4	ØA LEAD	G/	G	R	R	R	R	WK	DW	DW	DW	
	PED CL	G/	G	R	R	R	R	WK	DW	DW	DW	
	VEH CL	G	G	R	R	R	R	WK	DW	DW	DW	
		G	G	R	R	R	R	WK	DW	DW	DW	
Ø1	ØA	G	G	G	R	R	R	WK	WK	DW	DW	
	PED CL	G	G	G	R	R	R	FL-DW	FL-DW	DW	DW	
	VEH CL	A (1)	A (1)	A	R	R	R	DW	DW	DW	DW	
		R (1)	R (1)	R	R	R	R	DW	DW	DW	DW	
Ø2	ØB LEAD	R	R	R	G/—	G	R	DW	DW	WK	DW	
	PED CL	R	R	R	G/—	G	R	DW	DW	WK	DW	
	VEH CL	R	R	R	G	G	R	DW	DW	WK	DW	
		R	R	R	G	G	R	DW	DW	WK	DW	
Ø3	ØB	R	R	R	G	G	G	DW	DW	WK	WK	
	PED CL	R	R	R	G	G	G	DW	DW	FL-DW	FL-DW	
	VEH CL	R	R	R	A	A	A	DW	DW	DW	DW	
		R	R	R	R	R	R	DW	DW	DW	DW	

(1) G F ØA LEAD IS NEXT

Loc 49

ADDED ITEMS-413-3,419HA-1,419S-1,420A
CHANGE TO ITEMS-411C,411P,412PC,415-5,415-8-2,415-10,415-14, 415T-6D,416D,419HA-2,419S-2,419S-3,420A,420AL
DELETED ITEMS-413-MMA3,415RA3,421RL,458

COMPUTERIZED SIGNAL SYSTEMS
NASSAU COUNTY

MERRICK AVE. #1094
AT
JERUSALEM AVE. AND PARKWAY RAMP
1094

DRAWING NO.	SCALE	DATE	SHEET NO.
TED-TS-9M-69	1"=20'	6-30-70	67RJ

WILBUR SMITH AND ASSOCIATES
CONSULTING ENGINEERS

Nassau County Department of Public Works
Traffic Signal Timing Report

Loc 50

Intersection: Jerusalem @ Uniondale **Zone 30**

Signal Number: 1038

Phase	1	2	3	4	5	6	7	8	9
Minimum Green	3	20	3	8	3	20	3	8	0
Passage Time	2.00	0.00	2.00	3.00	2.00	0.00	2.00	3.00	0.00
Yellow Clearance	3.00	4.00	3.00	4.00	3.00	4.00	3.00	4.00	3.00
Red Clearance	1.00	2.00	1.00	2.00	1.00	2.00	1.00	2.00	0.00
Max 1	12	20	12	24	12	20	12	24	0
Max 2	12	20	12	24	12	20	12	24	0
Walk Time	0	6	0	6	0	6	0	6	0
Ped Clearance	0	14	0	18	0	14	0	18	0
Pedestrian Recall	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Vehicle Recall	OFF	Min	OFF	OFF	OFF	Min	OFF	OFF	OFF
Non-Lock Memory	True	False	True	True	True	False	True	True	False

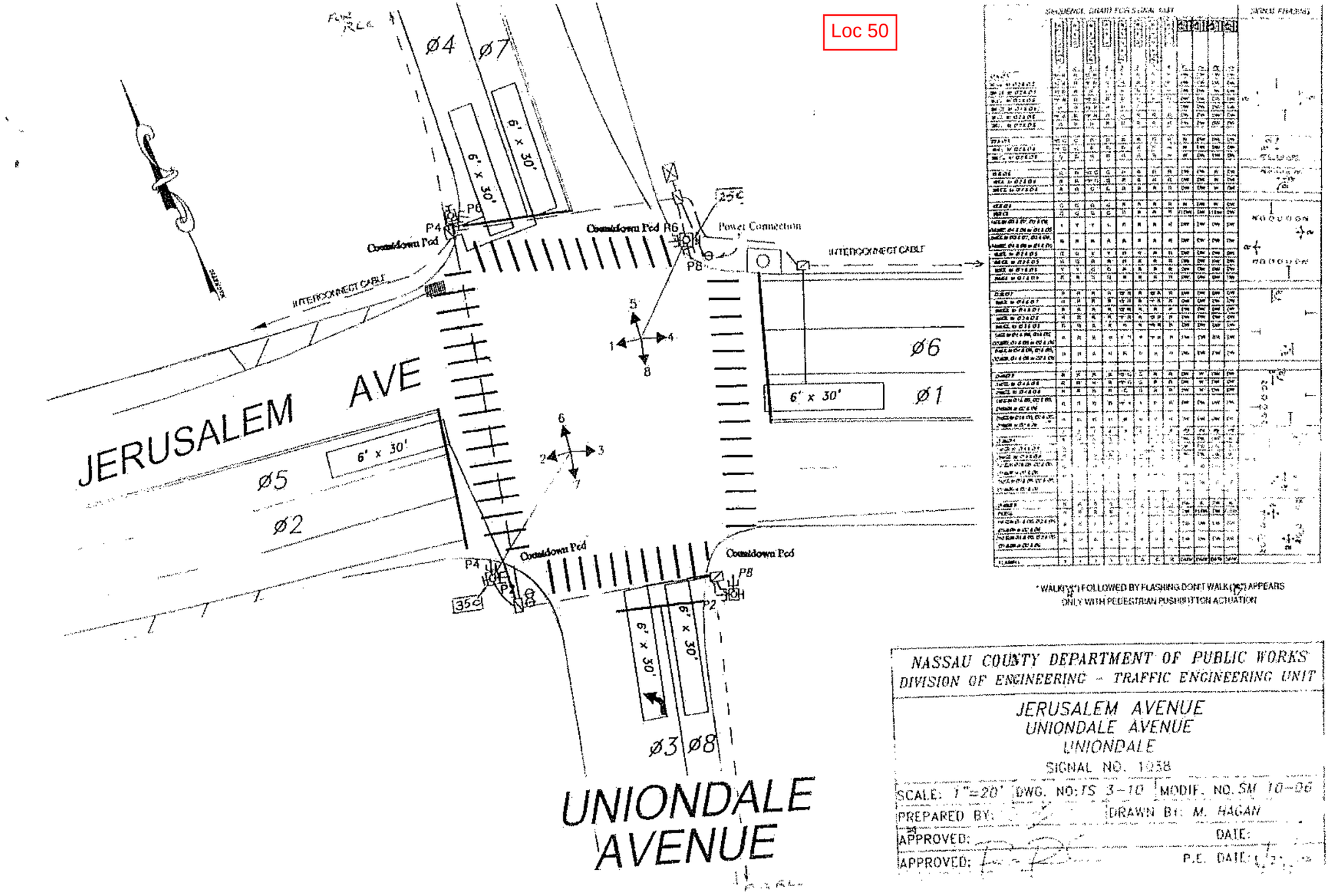
Phase	1	2	3	4	5	6	7	8	9
D 1/S 1 (CL = 90)	15	29	15	31	15	29	15	31	0
D 1/S 4 (CL = 120)	15	59	15	31	15	59	15	31	0
D 2/S 4 (CL = 120)	15	59	15	31	15	59	15	31	0

Plan	Offset
1/1/1	4
1/1/3	59
1/4/2	0
2/4/1	106
2/4/3	118

Plan	Offset
1/1/2	56
1/4/1	0
1/4/3	0
2/4/2	96

Plan	Offset

Loc 50



* WALK (") FOLLOWED BY FLASHING DON'T WALK (") APPEARS ONLY WITH PEDESTRIAN PUSHBUTTON ACTUATION

NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING - TRAFFIC ENGINEERING UNIT

JERUSALEM AVENUE
UNIONDALE AVENUE
UNIONDALE

SIGNAL NO. 1038

SCALE: 1"=20' | DWG. NO: TS 3-10 | MODIF. NO. SM 10-06

PREPARED BY: | DRAWN BY: M. HAGAN

APPROVED: | DATE:

APPROVED: | P.E. DATE:

Attachment S-290

Nassau County Department of Public Works

Traffic Signal Timing Report

Loc 51

Intersection: Nassau Rd @ Uniondale / Brookside **Zone 20**

Signal Number: 1037

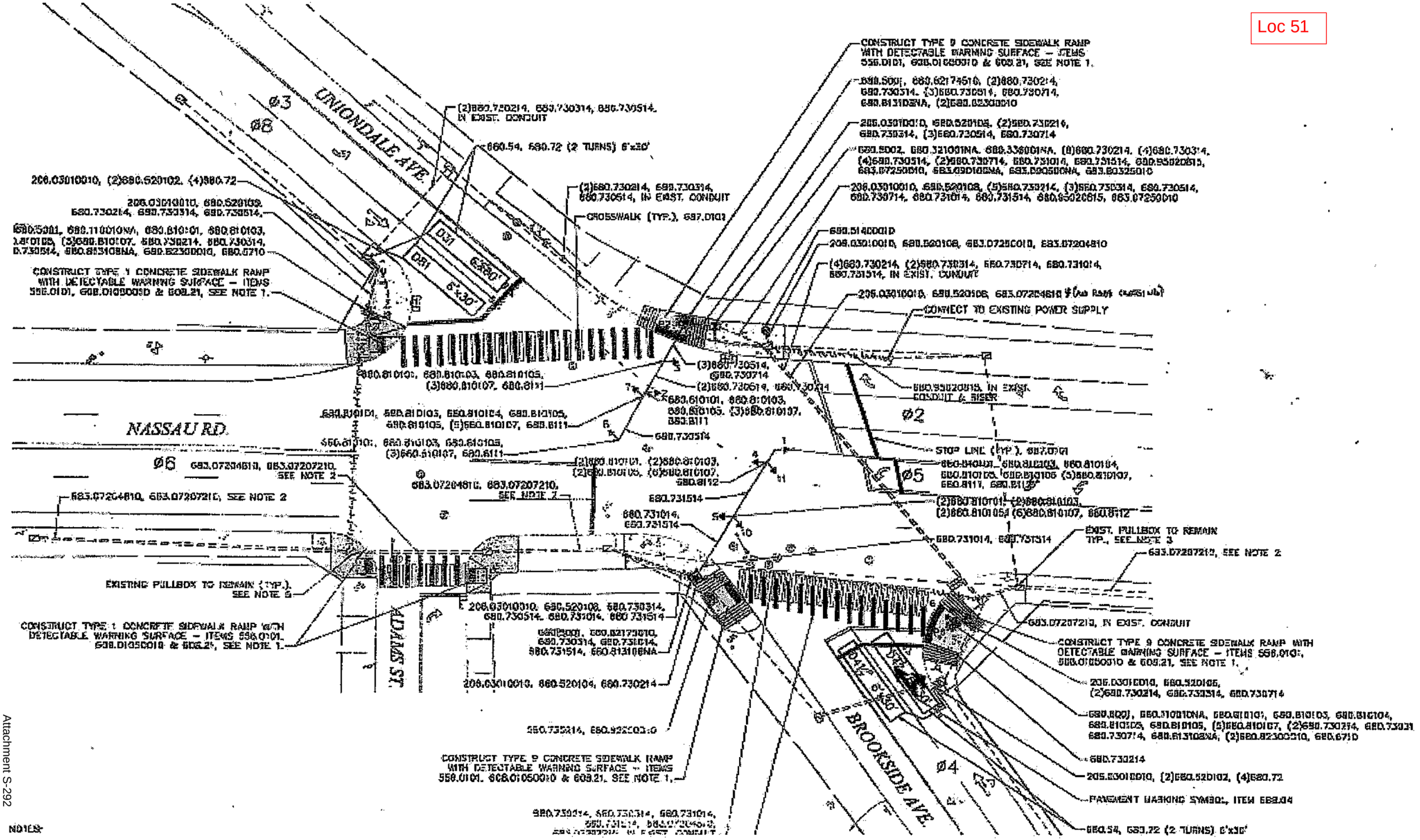
Phase	1	2	3	4	5	6	7	8	9
Minimum Green	5	20	5	8	5	20	5	8	0
Passage Time	3.00	0.00	3.00	3.00	3.00	0.00	3.00	3.00	0.00
Yellow Clearance	3.00	4.00	3.00	4.00	3.00	4.00	3.00	4.00	3.00
Red Clearance	2.00	2.00	2.00	3.00	2.00	2.00	2.00	3.00	0.00
Max 1	9	31	10	23	9	31	10	23	0
Max 2	9	31	10	23	9	31	10	23	0
Walk Time	0	6	0	0	0	6	0	0	0
Ped Clearance	0	25	0	0	0	25	0	0	0
Pedestrian Recall	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Vehicle Recall	OFF	Call	OFF	OFF	OFF	Call	OFF	OFF	OFF
Non-Lock Memory	False	False	True	True	True	False	True	True	False

Phase	1	2	3	4	5	6	7	8	9

Plan	Offset

Plan	Offset

Plan	Offset



Attachment S-292

Nassau County Department of Public Works
Traffic Signal Timing Report

Loc 52

Intersection: Stewart @ Roosevelt Fld **Zone 76**

Signal Number: 3791

Phase	1	2	3	4	5	6	7	8	9
Minimum Green	10	3	10	3	0	0	0	0	0
Passage Time	0.00	2.00	3.00	2.00	0.00	0.00	0.00	0.00	0.00
Yellow Clearance	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.00
Red Clearance	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	0.00
Max 1	20	17	30	33	0	0	0	0	0
Max 2	20	17	30	33	0	0	0	0	0
Walk Time	0	0	0	7	0	0	0	0	0
Ped Clearance	0	0	0	28	0	0	0	0	0
Pedestrian Recall	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Vehicle Recall	Min	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Non-Lock Memory	False	True	False	True	False	False	False	False	False

Phase	1	2	3	4	5	6	7	8	9
D 1/S 1 (CL = 140)	35	27	43	35	0	0	0	0	0
D 1/S 3 (CL = 120)	19	24	37	40	0	0	0	0	0
D 2/S 1 (CL = 140)	45	30	23	42	0	0	0	0	0

Plan	Offset
1/1/1	102
1/1/3	67
1/3/2	0
2/1/1	0
2/1/3	0

Plan	Offset
1/1/2	52
1/3/1	12
1/3/3	0
2/1/2	0

Plan	Offset

Loc 52

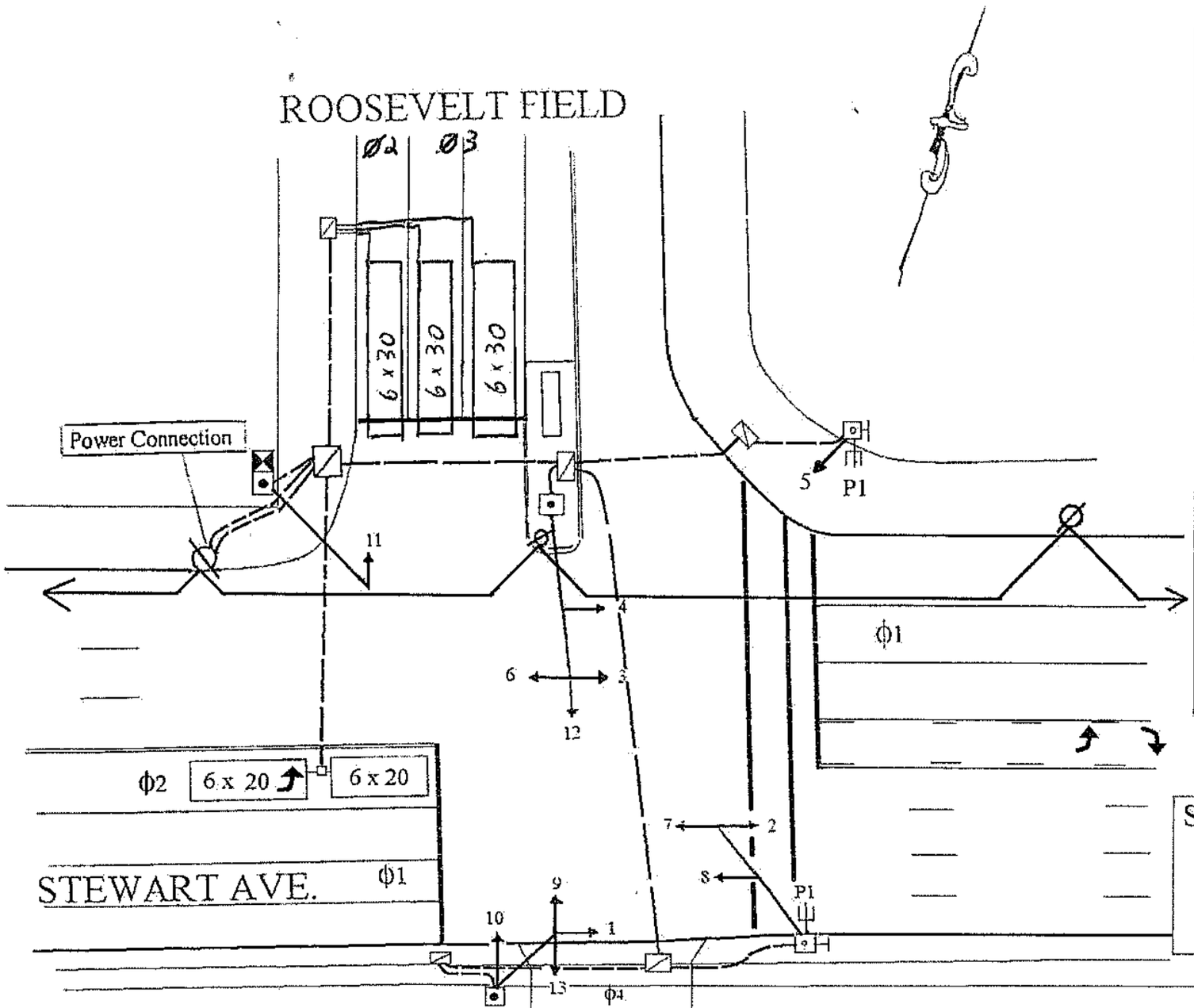


TABLE OF OPERATIONS

PHASE \ FACES	1,2	3	4	5,6	7,8	9	10,11	12,13	PI
	12"	12"	12"	12"	12"	12"	12"	8"	
1	G	G	G	G	G	R	R	R	3V
1ST CL TO 2	Y	Y	Y	G	G	R	R	R	3V
2ND CL TO 2	R	R	R	G	G	R	R	R	3V
1ST CL TO 3	Y	Y	FLASH	Y	Y	R	R	R	3V
2ND CL TO 3	R	R	FLASH	R	R	R	R	R	3V
1ST CL TO 4	Y	Y	Y	Y	Y	R	R	R	3V
2ND CL TO 4	R	R	R	R	R	R	R	R	3V
2	R	R	R	FLASH	G	R	R/FLASH	R	3V
1ST CL TO 1	R	R	R	FLASH	G	R	R/FLASH	R	3V
2ND CL TO 1	R	R	R	G	G	R	R	R	3V
1ST CL TO 3	R	R	R	Y	Y	R	R/FLASH	R	3V
2ND CL TO 3	R	R	R	R	R	R	R/FLASH	R	3V
1ST CL TO 4	R	R	R	Y	Y	R	R	R	3V
2ND CL TO 4	R	R	R	R	R	R	R	R	3V
3	R	R	FLASH	R	R	G	G	R	3V▲
PED CL	R	R	FLASH	R	R	G	G	R	3V▲
1ST CL TO 1	R	R	FLASH	R	R	Y	Y	R	3V
2ND CL TO 1	R	R	FLASH	R	R	R	R	R	3V
1ST CL TO 4	R	R	FLASH	R	R	Y	Y	Y	3V
2ND CL TO 4	R	R	R	R	R	R	R	R	3V
4	R	R	R	R	R	R	R	G	3V
1ST CL TO 1	R	R	R	Y	R	R	R	Y	3V
2ND CL TO 1	R	R	R	R	R	R	R	R	3V
FLASHING	Y	Y	Y	Y	Y	R	R	R	3V

▼ APPEARS ONLY UPON ACTUATION.

▲ INHIBIT ON ϕ3 PED CALL

STEWART AVE. & ROOSEVELT FIELD ENT.
@ L.I.P.A.
EAST GARDEN CITY
#3791

Attachment S-294

Nassau County Department of Public Works
Traffic Signal Timing Report

Loc 53

Intersection: OCR @ Roosevelt Field **Zone 15**

Signal Number: 3335 Same signal timing and phasing plans for each peak hour. Different offsets.

Phase	1	2	3	4	5	6	7	8	9
Minimum Green	3	25	0	10	3	25	0	10	0
Passage Time	3.00	0.00	0.00	4.00	3.00	0.00	0.00	4.00	0.00
Yellow Clearance	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.00
Red Clearance	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	0.00
Max 1	20	36	0	20	20	36	0	44	0
Max 2	20	36	0	20	20	36	0	44	0
Walk Time	0	7	0	0	0	7	0	7	0
Ped Clearance	0	35	0	0	0	35	0	37	0
Pedestrian Recall	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Vehicle Recall	OFF	Min	OFF	OFF	OFF	Min	OFF	OFF	OFF
Non-Lock Memory	True	False	False	True	True	False	False	True	False

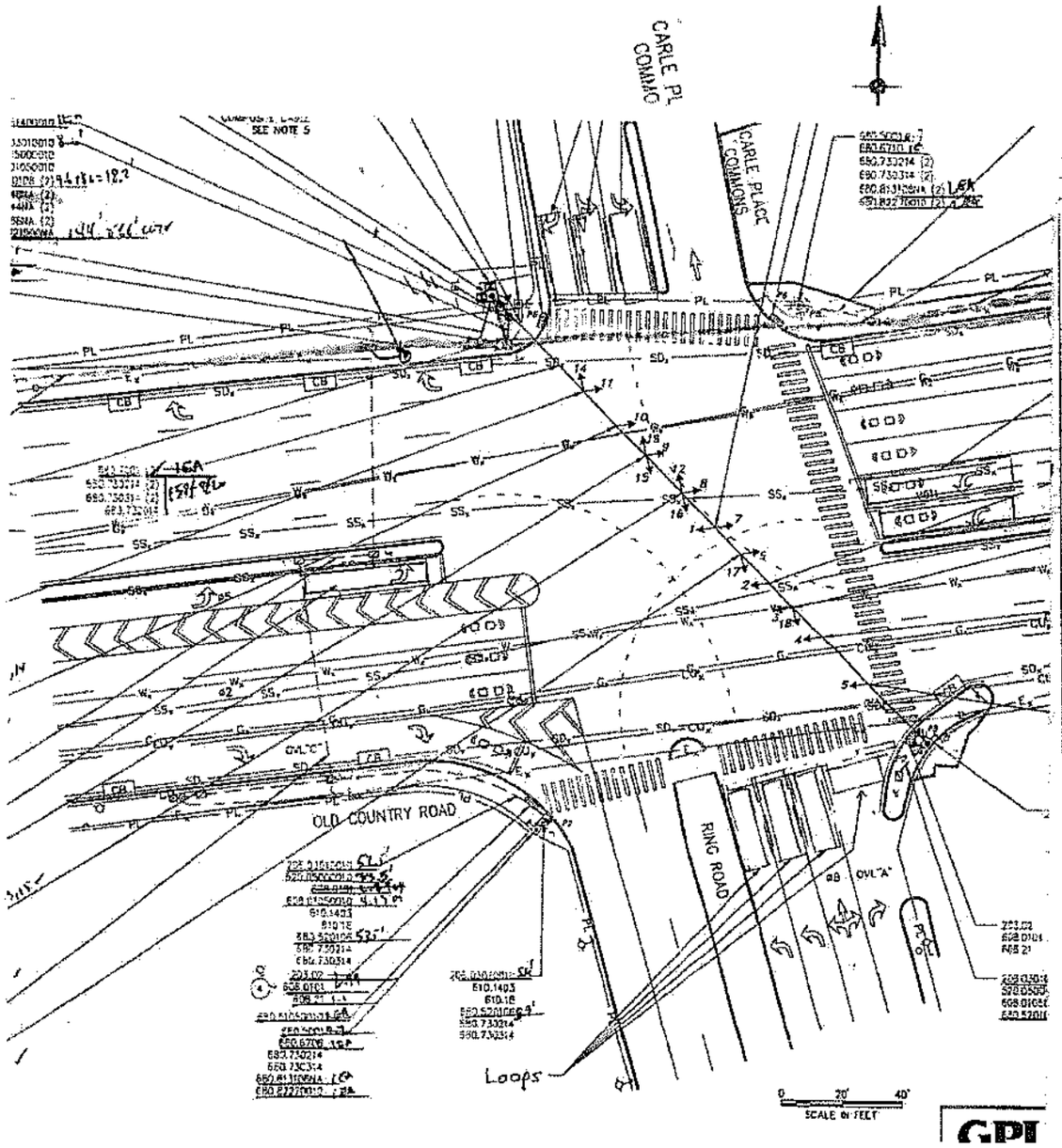
Phase	1	2	3	4	5	6	7	8	9
D 1/S 1 (CL = 160)	30	56	0	22	30	56	0	52	0
D 1/S 2 (CL = 140)	20	50	0	19	26	44	0	51	0
D 1/S 3 (CL = 140)	20	50	0	19	26	50	0	51	0
D 3/S 1 (CL = 160)	30	56	0	22	30	56	0	52	0

Plan	Offset
1/1/1	6
1/1/3	3
1/2/2	118
1/3/1	7
1/3/3	0
3/1/2	118

Plan	Offset
1/1/2	118
1/2/1	7
1/2/3	0
1/3/2	0
3/1/1	6
3/1/3	3

Plan	Offset

Loc 53

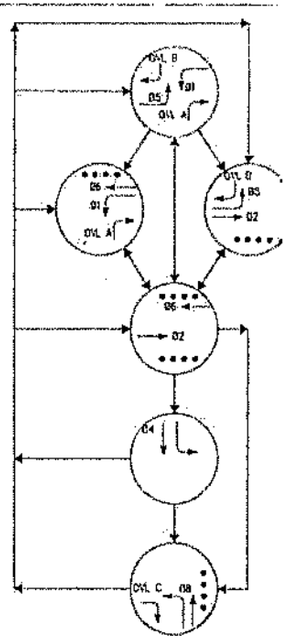


SEQUENCE TABLE

PHASE	FACES 1	2,3,4	5	5A	6,7	8,9,10,11	12,13	14	15,16	17	18	P2	P6	P8
	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	16" X 16"	16" X 16"	16" X 16"
1+5+OVL A+OVL G	—C—	R	R	R	—C—	R	R	R/C—	R	R	R/C—	DW	DW	DW
1ST CL TO 1+5	—C—	R	R	R	—C—	R	R	R/C—	R	R	R/C—	DW	DW	DW
2ND CL TO 1+5	—R—	R	R	R	—C—	R	R	R	R	R	R/C—	DW	DW	DW
1ST CL TO 2+5	—C—	R	R	R	—Y—	R	R	R/C—	R	R	R/C—	DW	DW	DW
2ND CL TO 2+5	—C—	R	R	R	—R—	R	R	R/C—	R	R	R	DW	DW	DW
1ST CL TO 2+6	—Y—	R	R	R	—Y—	R	R	R/C—	R	R	R/C—	DW	DW	DW
2ND CL TO 2+6	—R—	R	R	R	—R—	R	R	R	R	R	R	DW	DW	DW
1+6+OVL A	—R—	R	R	R	—C—	G	R	R	R	R	R/C—	DW	*W	DW
1ST CL TO 2+6	—R—	R	R	R	—Y—	G	R	R	R	R	R/C—	DW	*W	DW
2ND CL TO 2+6	—R—	R	R	R	—R—	G	R	R	R	R	R	DW	*W	DW
2+5	—C—	G	G	G	—R—	R	R	R/C—	R	R	R	*W	DW	DW
1ST CL TO 2+6	—Y—	G	G	G	—R—	R	R	R/C—	R	R	R	*W	DW	DW
2ND CL TO 2+6	—R—	G	G	G	—R—	R	R	R	R	R	R	*W	DW	DW
2+6	—R—	G	G	G	—R—	G	R	R	R	R	R	*W	*W	DW
PED G	—R—	G	G	G	—R—	G	R	R	R	R	R	FL DW	FL DW	DW
1ST CL TO 4, 6, OR 1+5	—R—	Y	Y	Y	—R—	Y	R	R	R	R	R	DW	DW	DW
2ND CL TO 4, 6, OR 1+5	—R—	R	R	R	—R—	R	R	R	R	R	R	DW	DW	DW
1ST CL TO 3+6	—R—	Y	Y	Y	—R—	G	R	R	R	R	R	DW	DW	DW
2ND CL TO 1+6	—R—	R	R	R	—R—	G	R	R	R	R	R	DW	DW	DW
1ST CL TO 2+5	—R—	G	G	G	—R—	Y	G	R	R	R	R	DW	DW	DW
2ND CL TO 2+5	—R—	G	G	G	—R—	R	R	R	R	R	R	DW	DW	DW
	—R—	R	R	R	—R—	R	—C/C	G	R	R	R	DW	DW	DW
1ST CL TO 8, 1+5, 1+6, 2+5, OR 2+6	—R—	R	R	R	—R—	R	Y	Y	R	R	R	DW	DW	DW
2ND CL TO 8, 1+5, 1+6, 2+5, OR 2+6	—R—	R	R	R	—R—	R	R	R	R	R	R	DW	DW	DW
8+OVL C	—R—	R	R/C—	R/C—	—R—	R	R	R	—C/C	G	G	DW	DW	*W
PED G	—R—	R	R/C—	R/C—	—R—	R	R	R	—C/C	R	G	DW	DW	FL DW
1ST CL TO 1+5, 1+6, 2+5, OR 2+6	—R—	R	R/Y—	R/Y—	—R—	R	R	R	Y	Y	Y	DW	DW	DW
2ND CL TO 1+5, 1+6, 2+5, OR 2+6	—R—	R	R	R	—R—	R	R	R	R	R	R	DW	DW	DW
FLASH	—R—	Y	Y	Y	—R—	Y	R	R	R	R	R	DARK	DARK	DARK

42+46 — SHALL BE ON MINIMUM RECALL

* — APPEARS ONLY UPON PEDESTRIAN PUSHBUTTON ACTUATION



NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING – TRAFFIC ENGINEERING UNIT

TRAFFIC SIGNAL PLAN
OLD COUNTRY ROAD @
ROOSEVELT FLD MALL & CARLE PLACE COMMONS
CARLE PLACE – SIGNAL NO. 3335

Attachment S-296

Nassau County Department of Public Works
Traffic Signal Timing Report

Loc 54

Intersection: OCR @ Salisbury Park Dr **Zone 16**

Signal Number: 3163

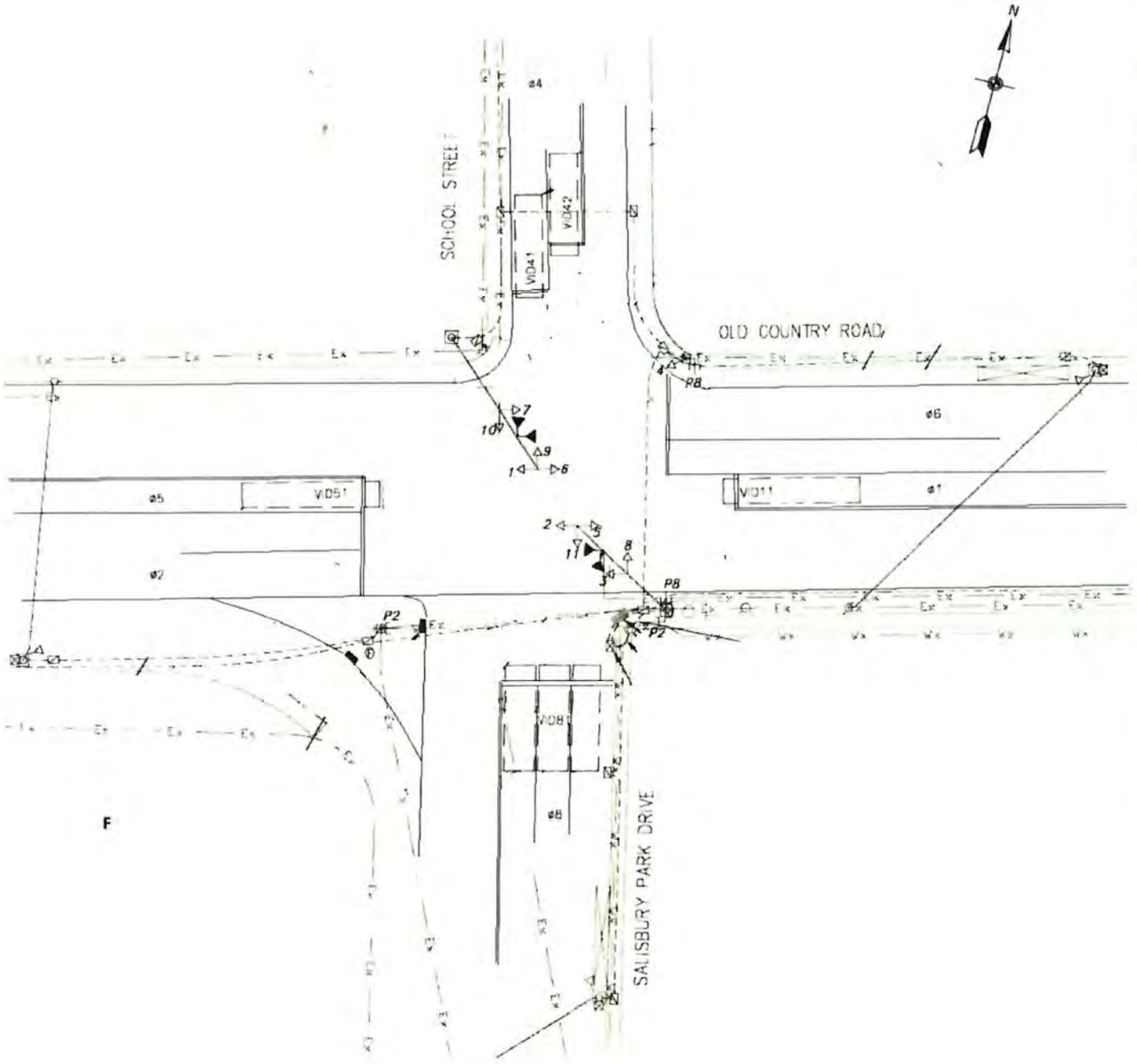
Phase	1	2	3	4	5	6	7	8	9
Minimum Green	3	20	0	6	3	20	0	8	0
Passage Time	2.00	3.00	0.00	3.00	2.00	3.00	0.00	3.00	0.00
Yellow Clearance	3.00	4.00	4.00	4.00	3.00	4.00	4.00	4.00	3.00
Red Clearance	1.00	2.00	1.00	2.00	1.00	2.00	1.00	2.00	0.00
Max 1	15	50	0	17	15	50	0	25	0
Max 2	15	50	0	17	15	50	0	25	0
Walk Time	0	8	0	0	0	0	0	6	0
Ped Clearance	0	14	0	0	0	0	0	17	0
Pedestrian Recall	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Vehicle Recall	OFF	Min	OFF	OFF	OFF	Min	OFF	OFF	OFF
Non-Lock Memory	True	False	True	True	True	False	True	True	False

Phase	1	2	3	4	5	6	7	8	9
D 1/S 2 (CL = 140)	17	48	0	35	17	48	0	40	0
D 1/S 3 (CL = 140)	17	48	0	35	17	48	0	40	0
D 3/S 1 (CL = 160)	19	61	0	37	19	61	0	43	0

Plan	Offset
1/2/1	13
1/2/3	132
1/3/2	0
3/1/1	47
3/1/3	128

Plan	Offset
1/2/2	108
1/3/1	13
1/3/3	0
3/1/2	113

Plan	Offset



SEQUENCE TABLE

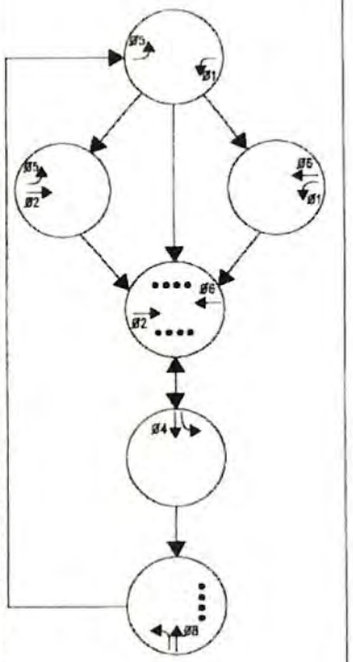
PHASE	FACES 1	2,3	4	5	6,7	8	9	10	11	P2	P8
	12"	12"	8"12"	12"	12"	12"	12"	12"	12"	16" x 18"	16" x 18"
Ø1&Ø5	R	R	R	R	R	R	R	R	R	DW	DW
1st CL to Ø2&Ø5*	R	R	R	R	R	R	R	R	R	DW	DW
2nd CL to Ø2&Ø5	R	R	R	R	R	R	R	R	R	DW	DW
1st CL to Ø1&Ø6	R	R	R	R	R	R	R	R	R	DW	DW
2nd CL to Ø1&Ø6	R	R	R	R	R	R	R	R	R	DW	DW
1st CL to Ø2&Ø6	R	R	R	R	R	R	R	R	R	DW	DW
2nd CL to Ø2&Ø6	R	R	R	R	R	R	R	R	R	DW	DW
Ø2&Ø5	G	G	R	R	R	R	R	R	R	W	DW
1st CL to Ø2&Ø6	G	G	R	R	R	R	R	R	R	W	DW
2nd CL to Ø2&Ø6	G	G	R	R	R	R	R	R	R	W	DW
Ø1&Ø5	R	R	R	G	G	R	R	R	R	DW	DW
1st CL to Ø2&Ø6	R	R	R	G	G	R	R	R	R	DW	DW
2nd CL to Ø2&Ø6	R	R	R	G	G	R	R	R	R	DW	DW
Ø2&Ø6	G	R	G	G	G	R	R	R	R	W	DW
PED CL	G	R	G	G	G	R	R	R	R	FLDW	DW
1st CL to Ø4,Ø8, 1&Ø5	Y	R	Y	Y	Y	R	R	R	R	DW	DW
2nd CL to Ø4,Ø8 1&Ø6	R	R	R	R	R	R	R	R	R	DW	DW
1st CL to Ø1&Ø6	Y	R	Y	Y	Y	R	R	R	R	DW	DW
2nd CL to Ø1&Ø6	R	R	R	R	R	R	R	R	R	DW	DW
3rd CL to Ø1&Ø6	R	R	R	R	R	R	R	R	R	DW	DW
4th CL to Ø1&Ø6	R	R	R	R	R	R	R	R	R	DW	DW
1st CL to Ø2&Ø5	Y	R	Y	Y	Y	R	R	R	R	DW	DW
2nd CL to Ø2&Ø5	R	R	R	R	R	R	R	R	R	DW	DW
3rd CL to Ø2&Ø5	R	R	R	R	R	R	R	R	R	DW	DW
4th CL to Ø2&Ø5	R	R	R	R	R	R	R	R	R	DW	DW
Ø4	R	R	R	R	R	G	G	R	R	DW	DW
1stCL to Ø8 Ø1&Ø5 1&Ø6 Ø2&Ø6 Ø2&Ø5	R	R	R	R	R	Y	Y	R	R	DW	DW
2nd CL to Ø8 Ø1&Ø5 1&Ø6 Ø2&Ø6 Ø2&Ø5	R	R	R	R	R	R	R	R	R	DW	DW
Ø8	R	R	R	R	R	R	R	G	G	DW	W
PED CL	R	R	R	R	R	R	R	G	G	DW	FLDW
1stCL to Ø1&Ø5 1&Ø6 Ø2&Ø6 Ø2&Ø5	R	R	R	R	R	R	R	Y	Y	DW	DW
2nd CL to 1&Ø5 1&Ø6 Ø2&Ø6 Ø2&Ø5	R	R	R	R	R	R	R	R	R	DW	DW
FLASHING	Y	Y	Y	Y	Y	R	R	R	R	DARK	DARK

Ø1+Ø5 - SHALL BE ON MINIMUM RECALL

★ - APPEARS ONLY UPON PEDESTRIAN PUSH BUTTON ACTUATION

- CALLS TO PHASES 1 OR 5 FROM 2 & 6 SHALL BE REDIRECTED TO CALL THE SEQUENCE AS SHOWN

PHASE 1 OR 5 SHALL BE OMITTED ONLY WHEN CALLED FROM PHASES 2 & 6, CALLING TEMPORARY PHASE 9 WHICH SHALL THEN DROP THE OMIT, PHASE 9 SHALL CALL THE 3RD & 4TH CLEARANCES AS SHOWN, CALLS TO ANY OTHER PHASE SHALL DROP THE OMIT, NOT CALL PHASE 9, AND CYCLE TO THE PHASES CALLED



Loc 54

NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING — TRAFFIC ENGINEERING UNIT

OLD COUNTRY ROAD @
SCHOOL STREET AND SALISBURY PARK
TRAFFIC SIGNAL PLAN
WESTBURY – SIGNAL NO. 3163

DWG. NO: TSP-25	DATE: 09-27-2013
PREPARED BY: F. ALVAREZ	DRAWN BY: F. ALVAREZ
N.C. PROJECT: H62161	
FED PIN: 0760.28	SHEET NO: 122 OF 188

Attachment S-298

Nassau County Department of Public Works
Traffic Signal Timing Report

Loc 55

Intersection: Merrick Ave @ Corporate **Zone 91**

Signal Number: 31497

Signal timing and phasing is the same for all peak hours

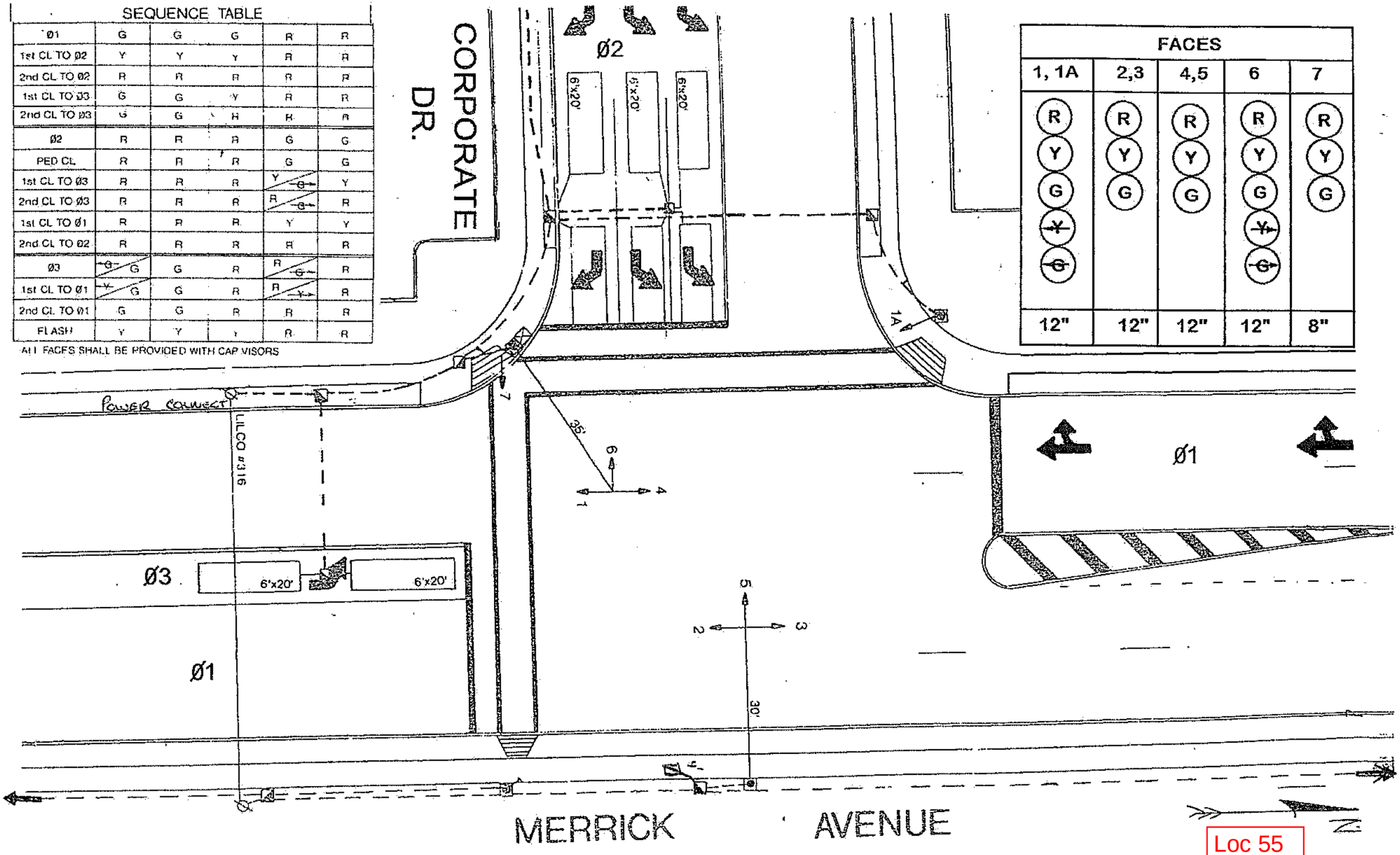
Phase	1	2	3	4	5	6	7	8	9
Minimum Green	20	8	3	0	0	0	0	0	0
Passage Time	0.00	3.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00
Yellow Clearance	4.00	4.00	3.00	4.00	4.00	4.00	4.00	4.00	3.00
Red Clearance	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
Max 1	20	25	15	0	0	0	0	0	0
Max 2	20	25	15	0	0	0	0	0	0
Walk Time	0	6	0	0	0	0	0	0	0
Ped Clearance	0	14	0	0	0	0	0	0	0
Pedestrian Recall	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Vehicle Recall	Call	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Non-Lock Memory	False	True	True	False	False	False	False	False	False

Phase	1	2	3	4	5	6	7	8	9

Plan	Offset

Plan	Offset

Plan	Offset



Attachment S-300

Nassau County Department of Public Works
Traffic Signal Timing Report

Loc 56

Intersection: Merrick Ave @ Privado **Zone 91**

Signal Number: 31180 Signal timing and phasing is the same for all peak hours

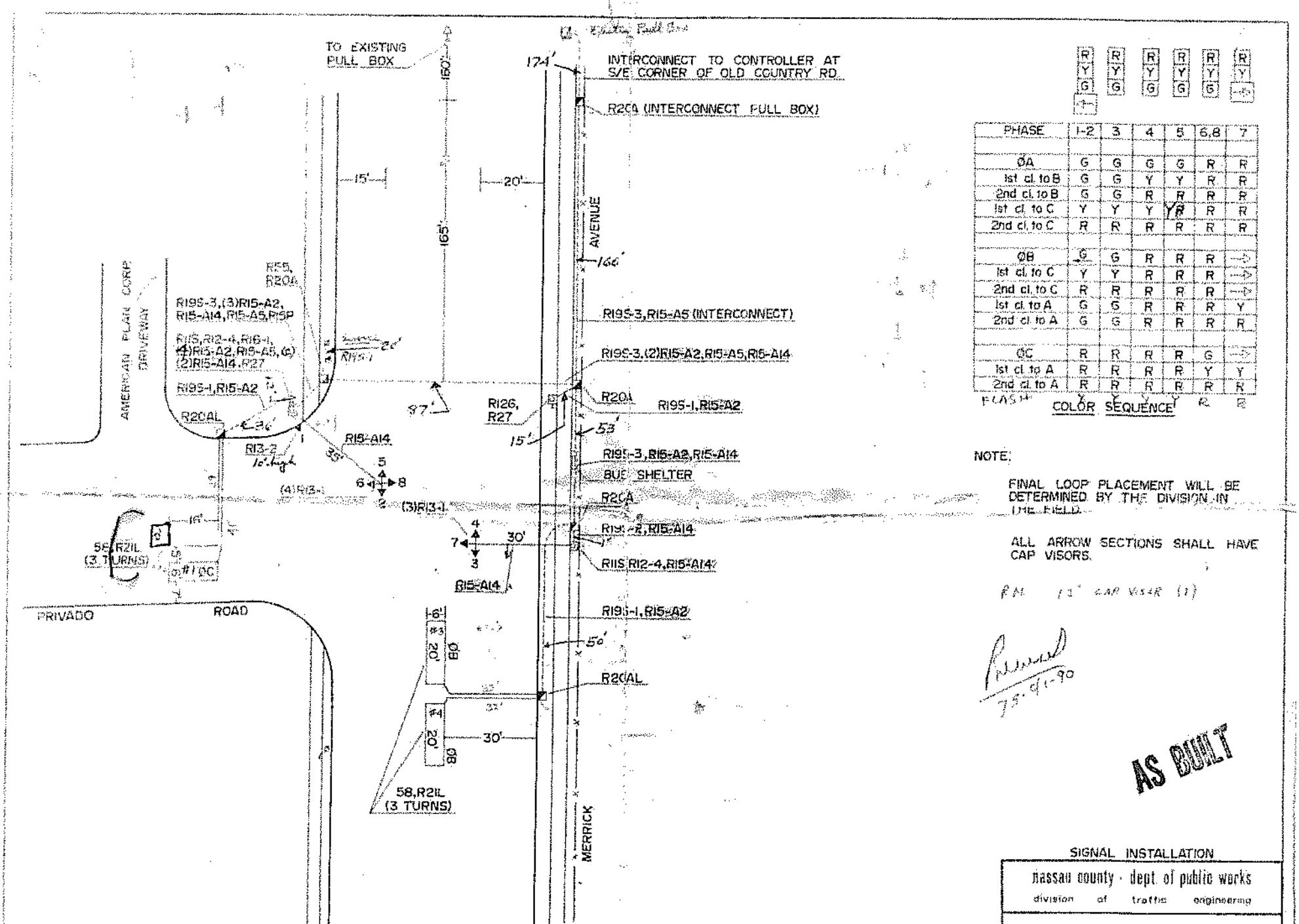
Phase	1	2	3	4	5	6	7	8	9
Minimum Green	15	3	6	0	0	0	0	0	0
Passage Time	0.00	2.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00
Yellow Clearance	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.00
Red Clearance	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	0.00
Max 1	15	15	27	0	0	0	0	0	0
Max 2	15	15	27	0	0	0	0	0	0
Walk Time	0	0	7	0	0	0	0	0	0
Ped Clearance	0	0	20	0	0	0	0	0	0
Pedestrian Recall	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Vehicle Recall	Call	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Non-Lock Memory	False	True	False	False	False	False	False	False	False

Phase	1	2	3	4	5	6	7	8	9

Plan	Offset

Plan	Offset

Plan	Offset



PHASE	1-2	3	4	5	6,8	7
ØA	G	G	G	G	R	R
1st cl. to B	G	G	Y	Y	R	R
2nd cl. to B	G	G	R	R	R	R
1st cl. to C	Y	Y	Y	R	R	R
2nd cl. to C	R	R	R	R	R	R
ØB	G	G	R	R	R	→
1st cl. to C	Y	Y	R	R	R	→
2nd cl. to C	R	R	R	R	R	→
1st cl. to A	G	G	R	R	R	Y
2nd cl. to A	G	G	R	R	R	R
ØC	R	R	R	R	G	→
1st cl. to A	R	R	R	R	Y	Y
2nd cl. to A	R	R	R	R	R	R

FLASH COLOR SEQUENCE

NOTE:

FINAL LOOP PLACEMENT WILL BE DETERMINED BY THE DIVISION IN THE FIELD.

ALL ARROW SECTIONS SHALL HAVE CAP VISORS.

P.M. 12" CAP VISOR (1)

AS BUILT

SIGNAL INSTALLATION

nassau county · dept. of public works
division of traffic engineering

MERRICK AVE. & PRIVADO RD.
WESTBURY, N.Y.
#31180

		date: 12-8-1971	prepared by: JVG
SM-117-71		scale: 1"=20'	checked by:
grid:	ref plan	dwg. no.: TS-112-71	submitted:

Attachment S-302

Phase Times [1.1.1]

Times [1.1.1]	1	2	3	4	5	6	7	8
Min Green	4	14		10	4	15		10
Gap, Ext	2			3	2			3
Max 1	18	35		37	11	35		37
Max 2					11			
Yel Clearance	3	5.4	3.5	3.6	3	5.4	3.5	3.6
Red Clearance	2	2	1.5	3.2	2	2	1.5	3.2
Walk								7
Ped Clearance								37
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								

Options [1.1.2]	1	2	3	4	5	6	7	8
Enable	1	1		1	1	1		1
Min Recall								
Max Recall		1				1		
Ped Recall								
Soft Recall								
Lock Calls	1							
Auto Flash Entry								
Auto Flash Exit								
Dual Entry				1				1
Enable Simul Gap	1	1	1	1	1	1	1	1
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								

Options+ [1.1.3]	1	2	3	4	5	6	7	8
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Conflicting Phase								
Red Rest On Gap								
Omit Yellow								
Ped Delay								
Grn/Ped Delay								

03a0053 Rt25 @ Post Ave (ID 1059) (Permanent File)

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	90	3	1	1	13	100	59	13	1	25	0	0		1	37	0	0		1
2	80	35	2	1	14	0	0	14	1	26	0	0		1	38	0	0		1
3	100	59	3	1	15	0	0	15	1	27	0	0		1	39	0	0		1
4	0	0	4	1	16	0	0	16	1	28	0	0		1	40	0	0		1
5	0	0	5	1	17	0	0	17	1	29	0	0		1	41	0	0		1
6	0	0	6	1	18	0	0	18	1	30	0	0		1	42	0	0		1
7	0	0	7	1	19	0	0	19	1	31	0	0		1	43	0	0		1
8	0	0	8	1	20	0	0	20	1	32	0	0		1	44	0	0		1
9	0	0	9	1	21	0	0	21	1	33	0	0		1	45	0	0		1
10	0	0	10	1	22	0	0	22	1	34	0	0		1	46	0	0		1
11	90	3	11	1	23	0	0	23	1	35	0	0		1	47	0	0		1
12	80	35	12	1	24	0	0	24	1	36	0	0		1	48	0	0		1

Split		1	2	3	4	5	6	7	8	Split		1	2	3	4	5	6	7	8
1	Coord	24	31	0	35	11	44	0	35	13	Coord	16	40	0	44	11	45	0	44
	2		MAX				MAX						MAX		MIN		MAX		
2	Coord	20	26	0	34	11	35	0	34	14	Coord	0	0	0	0	0	0	0	0
	2		MAX				MAX												
3	Coord	16	40	0	44	11	45	0	44	15	Coord	0	0	0	0	0	0	0	0
	2		MAX				MAX												
4	Coord	0	0	0	0	0	0	0	0	16	Coord	0	0	0	0	0	0	0	0
5	Coord	0	0	0	0	0	0	0	0	17	Coord	0	0	0	0	0	0	0	0
6	Coord	0	0	0	0	0	0	0	0	18	Coord	0	0	0	0	0	0	0	0
7	Coord	0	0	0	0	0	0	0	0	19	Coord	0	0	0	0	0	0	0	0
8	Coord	0	0	0	0	0	0	0	0	20	Coord	0	0	0	0	0	0	0	0
9	Coord	0	0	0	0	0	0	0	0	21	Coord	0	0	0	0	0	0	0	0
10	Coord	0	0	0	0	0	0	0	0	22	Coord	0	0	0	0	0	0	0	0
11	Coord	24	31	0	35	11	44	0	35	23	Coord	0	0	0	0	0	0	0	0
			MAX		MIN		MAX												
12	Coord	20	26	0	34	11	35	0	34	24	Coord	0	0	0	0	0	0	0	0
	3		MAX		MIN		MAX												

Page#	
1	8 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
1A&1B	16 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
2	Overlaps; Channel Settings; Coord Alt Table+ (values not associated with time-of-day)
3	Detection; Sample Time and Unit Parameters related to detection
4	Preemption and Alternate Phase Time and Phase Options
5	Annual Schedule
6	Day Plans; Action Tables; Coord Alt Table+ (values varied by time-of-day)
7	Communications; Secutiry; I/O Setup
8	Misc - Events/Alarms; Call/Inhibit/Redirect; P/OLAP Auto Flash; CIC; Misc Unit Param

Loc 57

STD8

Ring/Startup [1.1.4]

Phs	Ring	Start	Enable
1	1	RED	1
2	1	GREEN	1
3	1	RED	0
4	1	RED	1
5	2	RED	1
6	2	GREEN	1
7	2	RED	0
8	2	RED	1

Coord Modes [2.1]

Test OpMode	0
Correction	SHRT/LNG
Maximum	MAX 1
Force-Off	FLOAT
Closed Loop	ON
Stop-in-Walk	ON
Auto Reset	ON
Expand Split	OFF
Ped Recycle	NO_RECYCLE
Before	TIMED
After	TIMED

Auto Flash [1.4.1]

Auto Flash	PH OVER
Flash Yel	4.5
Flash Red	2

Unit Params [1.2.1]

Phase Mode	STD8
IO Mode	USER
Loc Flsh Start	RED
Start Flash(s)	0
Start AllRed(s)	6
Yellow < 3"	OFF
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	1
Auxswitch	STOPTM
SDLC Retry	0
TS2 Det Faults	ON
Auto Ped Clear	OFF
SDLC Retry	0

07/16/14 **Page 1A**

Attachment S-303

Concurrency [1.1.4]

Phs	Concurrent Phases							
1	5	6	0	0	0	0	0	0
2	5	6	0	0	0	0	0	0
3	7	8	0	0	0	0	0	0
4	7	8	0	0	0	0	0	0
5	1	2	0	0	0	0	0	0
6	1	2	0	0	0	0	0	0
7	3	4	0	0	0	0	0	0
8	3	4	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0

Sequence [1.2.4]

Seq	Rng	Concurrent Phases								Seq	Rng	Concurrent Phases							
1	1	1	2	3	4	0	0	0	0	9	1	1	2	4	3	0	0	0	0
1	2	5	6	7	8	0	0	0	0	9	2	5	6	7	8	0	0	0	0
1	3	0	0	0	0	0	0	0	0	9	3	0	0	0	0	0	0	0	0
1	4	0	0	0	0	0	0	0	0	9	4	0	0	0	0	0	0	0	0
2	1	1	2	3	4	0	0	0	0	10	1	1	2	4	3	0	0	0	0
2	2	6	5	7	8	0	0	0	0	10	2	6	5	7	8	0	0	0	0
2	3	0	0	0	0	0	0	0	0	10	3	0	0	0	0	0	0	0	0
2	4	0	0	0	0	0	0	0	0	10	4	0	0	0	0	0	0	0	0
3	1	2	1	3	4	0	0	0	0	11	1	2	1	4	3	0	0	0	0
3	2	5	6	7	8	0	0	0	0	11	2	5	6	7	8	0	0	0	0
3	3	0	0	0	0	0	0	0	0	11	3	0	0	0	0	0	0	0	0
3	4	0	0	0	0	0	0	0	0	11	4	0	0	0	0	0	0	0	0
4	1	2	1	3	4	0	0	0	0	12	1	2	1	4	3	0	0	0	0
4	2	6	5	7	8	0	0	0	0	12	2	6	5	7	8	0	0	0	0
4	3	0	0	0	0	0	0	0	0	12	3	0	0	0	0	0	0	0	0
4	4	0	0	0	0	0	0	0	0	12	4	0	0	0	0	0	0	0	0
5	1	1	2	3	4	0	0	0	0	13	1	1	2	4	3	0	0	0	0
5	2	5	6	8	7	0	0	0	0	13	2	5	6	8	7	0	0	0	0
5	3	0	0	0	0	0	0	0	0	13	3	0	0	0	0	0	0	0	0
5	4	0	0	0	0	0	0	0	0	13	4	0	0	0	0	0	0	0	0
6	1	1	2	3	4	0	0	0	0	14	1	1	2	4	3	0	0	0	0
6	2	6	5	8	7	0	0	0	0	14	2	6	5	8	7	0	0	0	0
6	3	0	0	0	0	0	0	0	0	14	3	0	0	0	0	0	0	0	0
6	4	0	0	0	0	0	0	0	0	14	4	0	0	0	0	0	0	0	0
7	1	2	1	3	4	0	0	0	0	15	1	2	1	4	3	0	0	0	0
7	2	5	6	8	7	0	0	0	0	15	2	5	6	8	7	0	0	0	0
7	3	0	0	0	0	0	0	0	0	15	3	0	0	0	0	0	0	0	0
7	4	0	0	0	0	0	0	0	0	15	4	0	0	0	0	0	0	0	0
8	1	2	1	3	4	0	0	0	0	16	1	2	1	4	3	0	0	0	0
8	2	6	5	8	7	0	0	0	0	16	2	6	5	8	7	0	0	0	0
8	3	0	0	0	0	0	0	0	0	16	3	0	0	0	0	0	0	0	0
8	4	0	0	0	0	0	0	0	0	16	4	0	0	0	0	0	0	0	0

Overlap 1-16 Program Parms & Parm+ [1.5.2.1] [1.5.2.2]

Overlap Conflict Lock	OFF	Overlap Lock Inhibit	OFF	Parent Ph Clearance	ON	Extra Included Ph	ON

Overlap	Parameter	Values	Setting	Value
1	Included Ø		NORMAL	
	Modifier Ø		Grn	
	Conflict Ø		Yel	3.5
A	Conflict Olap		Red	1.5
	Conflict Ped		LG	
2	Included Ø		NORMAL	
	Modifier Ø		Grn	
	Conflict Ø		Yel	3.5
B	Conflict Olap		Red	1.5
	Conflict Ped		LG	
3	Included Ø		NORMAL	
	Modifier Ø		Grn	
	Conflict Ø		Yel	3.5
C	Conflict Olap		Red	1.5
	Conflict Ped		LG	
4	Included Ø		NORMAL	
	Modifier Ø		Grn	
	Conflict Ø		Yel	3.5
D	Conflict Olap		Red	1.5
	Conflict Ped		LG	
5	Included Ø		NORMAL	
	Modifier Ø		Grn	
	Conflict Ø		Yel	3.5
E	Conflict Olap		Red	1.5
	Conflict Ped		LG	
6	Included Ø		NORMAL	
	Modifier Ø		Grn	
	Conflict Ø		Yel	3.5
F	Conflict Olap		Red	1.5
	Conflict Ped		LG	
7	Included Ø		NORMAL	
	Modifier Ø		Grn	
	Conflict Ø		Yel	3.5
G	Conflict Olap		Red	1.5
	Conflict Ped		LG	
8	Included Ø		NORMAL	
	Modifier Ø		Grn	
	Conflict Ø		Yel	3.5
H	Conflict Olap		Red	1.5
	Conflict Ped		LG	
9	Included Ø		NORMAL	
	Modifier Ø		Grn	
	Conflict Ø		Yel	3.5
I	Conflict Olap		Red	1.5
	Conflict Ped		LG	
10	Included Ø		NORMAL	
	Modifier Ø		Grn	
	Conflict Ø		Yel	3.5
J	Conflict Olap		Red	1.5
	Conflict Ped		LG	
11	Included Ø		NORMAL	
	Modifier Ø		Grn	
	Conflict Ø		Yel	3.5
K	Conflict Olap		Red	1.5
	Conflict Ped		LG	
12	Included Ø		NORMAL	
	Modifier Ø		Grn	
	Conflict Ø		Yel	3.5
L	Conflict Olap		Red	1.5
	Conflict Ped		LG	
13	Included Ø		NORMAL	
	Modifier Ø		Grn	
	Conflict Ø		Yel	3.5
M	Conflict Olap		Red	1.5
	Conflict Ped		LG	
14	Included Ø		NORMAL	
	Modifier Ø		Grn	
	Conflict Ø		Yel	3.5
N	Conflict Olap		Red	1.5
	Conflict Ped		LG	
15	Included Ø		NORMAL	
	Modifier Ø		Grn	
	Conflict Ø		Yel	3.5
O	Conflict Olap		Red	1.5
	Conflict Ped		LG	
16	Included Ø		NORMAL	
	Modifier Ø		Grn	
	Conflict Ø		Yel	3.5
P	Conflict Olap		Red	1.5
	Conflict Ped		LG	

Channel Settings [1.8.1]

......Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Phase / Olap #	1	6	2		8	4				5														
Channel Type	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH
Channel Flash	RED	YEL	YEL	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	DRK	DRK	DRK	DRK	DRK	DRK	DRK	DRK
Alt Hz																								

Channel+ Settings [1.8.4]

......Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Flash Red+																								
Flash Yellow+																								
Flash Green+																								
Flash Inh Red+																								

Channel Params[1.8.3]	C1 IO Mode	USER	Single BIU Map	SINGLE	Invert Rail Input	OFF	Olap Ovrd	

Coord Transition, CoorPhs [2.5]

Pat#	Short	Long	Dwell	No Shortway Ø	E-Yld	Offset	RetHld	Float	Min Veh Perm	Min Ped Perm
1	12	22				EndGRN				
2	12	22				EndGRN				
3	12	22				EndGRN				
4	12	22				EndGRN				
5	12	22				EndGRN				
6	12	22				EndGRN				
7	12	22				EndGRN				
8	12	22				EndGRN				
9	12	22				EndGRN				
10	12	22				EndGRN				
11	12	22				EndGRN				
12	12	22				EndGRN				
13	12	22				EndGRN				
14	12	22				EndGRN				
15	12	22				EndGRN				
16	12	22				EndGRN				
17	12	22				EndGRN				
18	12	22				EndGRN				
19	12	22				EndGRN				
20	12	22				EndGRN				
21	12	22				EndGRN				
22	12	22				EndGRN				
23	12	22				EndGRN				
24	12	22				EndGRN				
25	0	0				BegGRN				
26	0	0				BegGRN				
27	0	0				BegGRN				
28	0	0				BegGRN				
29	0	0				BegGRN				
30	0	0				BegGRN				
31	0	0				BegGRN				
32	0	0				BegGRN				
33	0	0				BegGRN				
34	0	0				BegGRN				
35	0	0				BegGRN				
36	0	0				BegGRN				
37	0	0				BegGRN				
38	0	0				BegGRN				
39	0	0				BegGRN				
40	0	0				BegGRN				
41	0	0				BegGRN				
42	0	0				BegGRN				
43	0	0				BegGRN				
44	0	0				BegGRN				
45	0	0				BegGRN				
46	0	0				BegGRN				
47	0	0				BegGRN				
48	0	0				BegGRN				

Veh Par 1-64 [5.1]

Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time
1	4						45	50	255
2	4						45	50	255
3	8						45	50	255
4	8						45	50	255
5	1						45	50	255
6	5						45	50	255
7							45	50	2
8							45	50	2
9							45	50	2
10							45	50	2
11							45	50	2
12							45	50	2
13							45	50	2
14							45	50	2
15							45	50	2
16							45	50	2
17							45	50	2
18							45	50	2
19							45	50	
20							45	50	
21							45	50	
22							45	50	
23							45	50	
24							45	50	
25							45	50	
26							45	50	
27							45	50	
28							45	50	
29							45	50	
30							45	50	
31							45	50	
32							45	50	

Veh Par 1-64 [5.1]

Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time
33							45	50	
34							45	50	
35							45	50	
36							45	50	
37							45	50	
38							45	50	
39							45	50	
40							45	50	
41							45	50	
42							45	50	
43							45	50	
44							45	50	
45							45	50	
46							45	50	
47							45	50	
48							45	50	
49							45	50	
50							45	50	
51							45	50	
52							45	50	
53							45	50	
54							45	50	
55							45	50	
56							45	50	
57							45	50	
58							45	50	
59							45	50	
60							45	50	
61							45	50	
62							45	50	
63							45	50	
64							45	50	

Vehicle Options 1-64 [5.2]

Det #	Call	Ext	Que	Add Init	Red Lock	Yell Lock	occ	vol
1	1	1		1				
2	1	1		1				
3	1	1		1				
4	1	1		1				
5	1	1		1				
6	1	1		1				
7	1	1		1				
8	1	1		1				
9	1	1		1				
10	1	1		1				
11	1	1		1				
12	1	1		1				
13	1	1		1				
14	1	1		1				
15	1	1		1				
16	1	1		1				
17	1	1		1				
18	1	1		1				
19	1	1		1				
20	1	1		1				
21	1	1		1				
22	1	1		1				
23	1	1		1				
24	1	1		1				
25	1	1		1				
26	1	1		1				
27	1	1		1				
28	1	1		1				
29	1	1		1				
30	1	1		1				
31	1	1		1				
32	1	1		1				

Vehicle Options 1-64 [5.2]

Det #	Call	Ext	Que	Add AddIni	Red Lock	Yell Lock	occ	vol
33	1	1		1				
34	1	1		1				
35	1	1		1				
36	1	1		1				
37	1	1		1				
38	1	1		1				
39	1	1		1				
40	1	1		1				
41	1	1		1				
42	1	1		1				
43	1	1		1				
44	1	1		1				
45	1	1		1				
46	1	1		1				
47	1	1		1				
48	1	1		1				
49	1	1		1				
50	1	1		1				
51	1	1		1				
52	1	1		1				
53	1	1		1				
54	1	1		1				
55	1	1		1				
56	1	1		1				
57	1	1		1				
58	1	1		1				
59	1	1		1				
60	1	1		1				
61	1	1		1				
62	1	1		1				
63	1	1		1				
64	1	1		1				

Parameters+ 1-64 [5.3]

Det #	oc G	oc Y	oc R	Dlay 1	Dlay 2	Type	Src
1						NORM	
2						NORM	
3						NORM	
4						NORM	
5						NORM	
6						NORM	
7						NORM	
8						NORM	
9						NORM	
10						NORM	
11						NORM	
12						NORM	
13						NORM	
14						NORM	
15						NORM	
16						NORM	
17						NORM	
18						NORM	
19						NORM	
20						NORM	
21						NORM	
22						NORM	
23						NORM	
24						NORM	
25						NORM	
26						NORM	
27						NORM	
28						NORM	
29						NORM	
30						NORM	
31						NORM	
32						NORM	

Parameters+ 1-64 [5.3]

Det #	occ Grn	occ Yell	occ Red	Dlay 1	Dlay 2	Type	Src
33						NORM	
34						NORM	
35						NORM	
36						NORM	
37						NORM	
38						NORM	
39						NORM	
40						NORM	
41						NORM	
42						NORM	
43						NORM	
44						NORM	
45						NORM	
46						NORM	
47						NORM	
48						NORM	
49						NORM	
50						NORM	
51						NORM	
52						NORM	
53						NORM	
54						NORM	
55						NORM	
56						NORM	
57						NORM	
58						NORM	
59						NORM	
60						NORM	
61						NORM	
62						NORM	
63						NORM	
64						NORM	

Ped Det Parms [5.4]

Det #	Call Ø	No Act	Max Pres	Err Cnt
1	8	0	15	0
2		0	15	0
3		0	15	0
4		0	15	0
5		0	15	0
6		0	15	0
7		0	15	0
8		0	15	0

Unit Paramters [1.2.1]

TS2 Det Faults	ON

Vol/Occ Report Parm [1.5.8]

Vol/Occ Period Minutes	0
Vol/Occ Period Minutes	15

Preemption Times [3.1], Options+ [3.6]

Pre #	Enable	Type	Output	Delay	MinDura
1	ON	EMERG	DWELL		70
2	ON	RAIL	DWELL		
3	ON	EMERG	DWELL		
4	ON	EMERG	DWELL		
5	ON	EMERG	DWELL		
6	ON	EMERG	DWELL		

Pre #	MaxPres	MinGrn	MinWlk	PedClr	Co+Pre
1		10			ON
2					ON
3					ON
4					ON
5					ON
6					ON

Pre #	Track Grn	Min Dwell	Ext Dwell	PedClr	Yel
1		70			
2		2			
3		2			
4		2			
5		2			
6		2			

Pre #	Red	Pattern	Skip	
1			OFF	
2			OFF	
3			OFF	
4			OFF	
5			OFF	
6			OFF	

Low Priority Preempts

Pre #	Type	Min	Max		
7	OFF	0	0		
8	OFF	0	0		
9	OFF	0	0		
10	OFF	0	0		

Unit Parameters [1.2.1]

Stop Timer Over Preempt	OFF
Preempt or Ext Output	PRE
Max Seek Track Time	0
Max Seek Dwell Time	0

Channel Parameters [1.8.3]

D Conn Mappings	NONE
Pre Invert Rail Input	

Adv Timers [3.8]

enterYellowChange			
enterRedClr		trackRedClr	
trackYellowClr		AllRedB4Dwell	

Track Clear Phases [3.2], Track Clear Overlaps+ [3.5]

Pre #	Track Phases	Track Overlaps
1		
2		
3		
4		
5		
6		

Dwell Phases [3.2] and Overlaps+ [3.5]

Pre #			
1	Phases	2	6
	Overlaps		
	Peds		
2	Phases		
	Overlaps		
	Peds		
3	Phases		
	Overlaps		
	Peds		
4	Phases		
	Overlaps		
	Peds		
5	Phases		
	Overlaps		
	Peds		
6	Phases		
	Overlaps		
	Peds		

Exit Phases [3.2]

Pre #	Exit Phase
1	
2	
3	
4	
5	
6	

Preemption 1, Options+ [3.6]

Pre #	Lock	Override Auto Flsh	Override Higher	Flsh Dwel	Link
1	ON	ON	ON	OFF	
2	ON	ON	ON	ON	
3	ON	ON	ON	OFF	
4	ON	ON	ON	OFF	
5	ON	ON	ON	OFF	
6	ON	ON	ON	OFF	

Init'l Dwell [3.9]

Phases								
Peds								
Overlap								

Alt# 1 Times Table [1.1.6.1]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 2 Times Table [1.1.6.1]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 3 Times Table [1.1.6.1]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 1 Options Table [1.1.6.2]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	1	1	1	1	1	1	1	1
Soft Recall								
Dual Entry								
Enabl SimGap	1	1	1	1	1	1	1	1
Gaur Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Annual Schedule [4.3]

	Month of Year												Day of Week							Date																							Day Plan	Link To
	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
2	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
	1	1	1	1	1	1	1	1	1	1	1	1							1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
3	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
	1	1	1	1	1	1	1	1	1	1	1	1	1							1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
4	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
5	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
6	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
7	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
8	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
9	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
10	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
11	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
12	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
13	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
14	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
15	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
16	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
17	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
18	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
19	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
20	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
21	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
22	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
23	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
24	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	

Day Plans [4.4]

Day Plan 1

	Hour	Min	Act		Hour	Min	Act
1	0	0	2	9			
2	6	0	1	10			
3	10	0	2	11			
4	14	0	3	12			
5	19	0	2	13			
6				14			
7				15			
8				16			

Day Plan 2

	Hour	Min	Act		Hour	Min	Act
1	0	0	2	9			
2				10			
3				11			
4				12			
5				13			
6				14			
7				15			
8				16			

Day Plan 3

	Hour	Min	Act		Hour	Min	Act
1				9			
2				10			
3				11			
4				12			
5				13			
6				14			
7				15			
8				16			

Day Plan 4

	Hour	Min	Act		Hour	Min	Act
1				9			
2				10			
3				11			
4				12			
5				13			
6				14			
7				15			
8				16			

Day Plan 5

	Hour	Min	Act		Hour	Min	Act
1				9			
2				10			
3				11			
4				12			
5				13			
6				14			
7				15			
8				16			

Day Plan 6

	Hour	Min	Act		Hour	Min	Act
1				9			
2				10			
3				11			
4				12			
5				13			
6				14			
7				15			
8				16			

Day Plan 7

	Hour	Min	Act		Hour	Min	Act
1				9			
2				10			
3				11			
4				12			
5				13			
6				14			
7				15			
8				16			

Day Plan 8

	Hour	Min	Act		Hour	Min	Act
1				9			
2				10			
3				11			
4				12			
5				13			
6				14			
7				15			
8				16			

Day Plan 9

	Hour	Min	Act		Hour	Min	Act
1	0	0	2	9			
2	4	0	1	10			
3	12	0	3	11			
4	22	0	2	12			
5				13			
6				14			
7				15			
8				16			

Day Plan 10

	Hour	Min	Act		Hour	Min	Act
1				9			
2				10			
3				11			
4				12			
5				13			
6				14			
7				15			
8				16			

Day Plan 11

	Hour	Min	Act		Hour	Min	Act
1				9			
2				10			
3				11			
4				12			
5				13			
6				14			
7				15			
8				16			

Day Plan 12

	Hour	Min	Act		Hour	Min	Act
1				9			
2				10			
3				11			
4				12			
5				13			
6				14			
7				15			
8				16			

Day Plan 13

	Hour	Min	Act		Hour	Min	Act
1				9			
2				10			
3				11			
4				12			
5				13			
6				14			
7				15			
8				16			

Day Plan 14

	Hour	Min	Act		Hour	Min	Act
1				9			
2				10			
3				11			
4				12			
5				13			
6				14			
7				15			
8				16			

Day Plan 15

	Hour	Min	Act		Hour	Min	Act
1				9			
2				10			
3				11			
4				12			
5				13			
6				14			
7				15			
8				16			

Action Table [4.5]

Act#	Pat#	A1	A2	A3	S1	S2	S3	S4	S5	S6	S7	S8
1	1											
2	2											
3	3											
4	4											
5	5											
6	6											
7	7											
8	8											
9	9											
10	10											
11	11											
12	12											
13	13											
14	14											
15	15											
16	16											
17	17											
18	18											
19	19											
20	20											
21	21											
22	22											
23	23											
24	24											
25												
26												
27												
28												
29												
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
41												
48												
42												
43												
98												
99												
100	255											

Coord Alternate Tables - Pat+ [2.6]

Pat#	ØOpt	ØTime	DetG	CIR	CIC	CNA1	Overlap Off 1	2	3	4	5	6	7	8	Dia	Max2
1															DFT	
2															DFT	
3															DFT	
4															DFT	
5															DFT	
6															DFT	
7															DFT	
8															DFT	
9															DFT	
10															DFT	
11															DFT	
12															DFT	
13															DFT	
14															DFT	
15															DFT	
16															DFT	
17															DFT	
18															DFT	
19															DFT	
20															DFT	
21															DFT	
22															DFT	
23															DFT	
24															DFT	
25															DFT	
26															DFT	
27															DFT	
28															DFT	
29															DFT	
30															DFT	
31															DFT	
32															DFT	
33															DFT	
34															DFT	
35															DFT	
36															DFT	
37															DFT	
38															DFT	
39															DFT	
40															DFT	
41															DFT	
42															DFT	
43															DFT	
44															DFT	
45															DFT	
46															DFT	
47															DFT	
48															DFT	

C1-USER IO Map [1.8.9.1 In]

I1-1	1	Veh Call 1
I1-2	2	Veh Call 2
I1-3	3	Veh Call 3
I1-4	4	Veh Call 4
I1-5	5	Veh Call 5
I1-6	6	Veh Call 6
I1-7	189	Unused
I1-8	189	Unused
I2-1	189	Unused
I2-2	189	Unused
I2-3	189	Unused
I2-4	189	Unused
I2-5	189	Unused
I2-6	189	Unused
I2-7	189	Unused
I2-8	129	Ped Call 1
I3-1	189	Unused
I3-2	189	Unused
I3-3	189	Unused
I3-4	189	Unused
I3-5	189	Unused
I3-6	189	Unused
I3-7	189	Unused
I3-8	189	Unused
I4-1		C11S Connector
I4-2		
I4-3		
I4-4		
I4-5	189	Unused
I4-6	189	Unused
I4-7	229	33xCMUStop
I4-8	228	33xFlashSns
I5-1	189	Unused
I5-2	189	Unused
I5-3	189	Unused
I5-4	189	Unused
I5-5	189	Unused
I5-6	189	Unused
I5-7	189	Unused
I5-8	189	Unused
I6-1	189	Unused
I6-2	189	Unused
I6-3	189	Unused
I6-4	189	Unused
I6-5	189	Unused
I6-6	189	Unused
I6-7	189	Unused
I6-8	189	Unused

C1-USER IO Map [1.8.9.2 Out]

O1-1	1	Ch1 Red
O1-2	49	Ch1 Green
O1-3	2	Ch2 Red
O1-4	26	Ch2 Yellow
O1-5	50	Ch2 Green
O1-6	3	Ch3 Red
O1-7	27	Ch3 Yellow
O1-8	51	Ch3 Green
O2-1	4	Ch4 Red
O2-2	52	Ch4 Green
O2-3	5	Ch5 Red
O2-4	29	Ch5 Yellow
O2-5	53	Ch5 Green
O2-6	6	Ch6 Red
O2-7	30	Ch6 Yellow
O2-8	54	Ch6 Green
O3-1	7	Ch7 Red
O3-2	55	Ch7 Green
O3-3	8	Ch8 Red
O3-4	32	Ch8 Yellow
O3-5	56	Ch8 Green
O3-6	9	Ch9 Red
O3-7	33	Ch9 Yellow
O3-8	57	Ch9 Green
O4-1	10	Ch10 Red
O4-2	58	Ch10 Green
O4-3	11	Ch11 Red
O4-4	35	Ch11 Yellow
O4-5	59	Ch11 Green
O4-6	12	Ch12 Red
O4-7	36	Ch12 Yellow
O4-8	60	Ch12 Green
O5-1	28	Ch4 Yellow
O5-2	34	Ch10 Yellow
O5-3	25	Ch1 Yellow
O5-4	31	Ch7 Yellow
O5-5	115	Not Used
O5-6	115	Not Used
O5-7	115	Not Used
O5-8	114	Watchdog
O6-1	115	Not Used
O6-2	115	Not Used
O6-3	13	Ch13 Red
O6-4	37	Ch13 Yellow
O6-5	61	Ch13 Green
O6-6	14	Ch14 Red
O6-7	38	Ch14 Yellow
O6-8	62	Ch14 Green

C1-USER IO Map [1.8.9.2 Out]

O7-1	115	Not Used
O7-2	115	Not Used
O7-3	115	Not Used
O7-4	115	Not Used
O7-5	115	Not Used
O7-6	115	Not Used
O7-7	115	Not Used
O7-8	115	Not Used

C11S-USER IO Map [1.8.9.1 In]

I4-1	189	Unused
I4-2	189	Unused
I4-3	189	Unused
I4-4	189	Unused
I7-1	189	Unused
I7-2	189	Unused
I7-3	189	Unused
I7-4	189	Unused
I7-5	189	Unused
I7-6	189	Unused
I7-7	189	Unused
I7-8	189	Unused
I8-1	189	Unused
I8-2	189	Unused
I8-3	189	Unused
I8-4	189	Unused
I8-5	189	Unused
I8-6	189	Unused
I8-7	189	Unused
I8-8	189	Unused

C11S-USER IO Map [1.8.9.2 Out]

O8-1	115	Not Used
O8-2	115	Not Used
O8-3	115	Not Used
O8-4	115	Not Used
O8-5	115	Not Used
O8-6	115	Not Used
O8-7	115	Not Used
O8-8	115	Not Used

IO Logic [1.8.7]

Result			Fcn	Oper		Fcn	Oper		Fcn	Timer	
I	0	=	I	0	----	I	0	----	I	0 DLY	0
I	0	=	I	0	----	I	0	----	I	0 DLY	0
I	0	=	I	0	----	I	0	----	I	0 DLY	0
I	0	=	I	0	----	I	0	----	I	0 DLY	0
I	0	=	I	0	----	I	0	----	I	0 DLY	0
I	0	=	I	0	----	I	0	----	I	0 DLY	0
I	0	=	I	0	----	I	0	----	I	0 DLY	0
I	0	=	I	0	----	I	0	----	I	0 DLY	0
I	0	=	I	0	----	I	0	----	I	0 DLY	0
I	0	=	I	0	----	I	0	----	I	0 DLY	0

Security Access Levels [8.2]

1	SWLOAD
2	SECURE
3	NONE
4	NONE
5	NONE
6	NONE
7	NONE
8	NONE
9	NONE
10	NONE
11	NONE
12	NONE
13	NONE
14	NONE
15	NONE
16	NONE
17	NONE
18	NONE
19	NONE
20	NONE
21	NONE

22	NONE
23	NONE
24	NONE
25	NONE
26	NONE
27	NONE
28	NONE
29	NONE
30	NONE
31	NONE
32	NONE
33	NONE
34	NONE
35	NONE
36	NONE
37	NONE
38	NONE
39	NONE
40	NONE
41	NONE
42	NONE

43	NONE
44	NONE
45	NONE
46	NONE
47	NONE
48	NONE
49	NONE
50	NONE
51	NONE
52	NONE
53	NONE
54	NONE
55	NONE
56	NONE
57	NONE
58	NONE
59	NONE
60	NONE
61	NONE
62	NONE
63	NONE
64	NONE

Com Parameters [6.1]

Station ID	1059
Group ID	
Master ID	0
Backup Time	900

SysUp Modem [6.1]

Enable Modem	OFF
Idle Time	15
Dial Time	5
Tel:	0,0-000-000-0000
Alt:	0,0-000-000-0000

2070 Port Parms [6.2]

Port	Baud Rate	FCM
SP1	19200	6
SP2	19200	6
SP3	19200	6
SP4	38400	6
SP5	1200	
SP6	1200	
SP7	1200	
SP8	1200	

2070 IP 1 Addressing [6.5]

	Addressing			
Addr	10			20
Mask	255	255	255	
Brdcst				
GtWay				
Port	5001			

2070 IP 2 Addressing [6.5]

	Addressing			
Addr				
Mask				
Brdcst				
GtWay				
Port				

2070 Port Binding Ports [6.6]

	Port	Echo	Mode
ASYNC1	SP1	NONE	
ASYNC2	SP2	NONE	
ASYNC3	SP3	NONE	
ASYNC4	SP4	NONE	
SYNC1	SP5S		
SYNC2	OFF		

2070 Port Binding Functions [6.6]

Function	Channel	Function	Channel
TS2/CVM	NONE	SYSUp	ASYNC2
CMU/MMU	NONE	SYSDown	ASYNC1
Opticom	NONE	Shell	NONE
Loop Det.	NONE		
GPS	NONE		

####

#	Event / Alarm	Ev	Alr
1	Power Up Alarm.	1	
2	Stop Timing	1	1
3	TS1 Cabinet Door	1	1
4	Coordination Failure	1	1
5	External Alarm # 1		
6	External Alarm # 2		
7	External Alarm # 3		
8	External Alarm # 4		
9	Closed Loop Disabled		
10	External Alarm # 5		
11	External Alarm # 6		
12	Manual Control Enable	1	
13	Coord Free Input	1	
14	Local Flash Input	1	
15	MMU Flash	1	
16	CMU Flash	1	
17	Cycle Fault	1	
18	Cycle Failure	1	
19	Coordination Fault	1	
20	Controller Fault	1	
21	Detector SDLC Failure	1	
22	MMU SDLC Failure	1	
23	Critical SDLC Failure	1	
24	Reserved	1	
25	EEPROM CRC Fault	1	
26	Detector Diagnostic Failur	1	1
27	BIU Detector Failure	1	
28	Queue detector alarm	1	
29	Ped Detector Fault	1	1
30	Coord Diagnostic Fault	1	1
41	TempAlert Probe Ch. A		
42	TempAlert Probe Ch. B		
47	Coord Active	1	1
48	Preempt Active	1	1
49	Preempt 1 Input	1	
50	Preempt 2 Input	1	
51	Preempt 3 Input	1	
52	Preempt 4 Input	1	
53	Preempt 5 Input	1	
54	Preempt 6 Input	1	
55	Preempt 7 Input	1	
56	Preempt 8 Input	1	
57	Preempt 9 Input	1	
58	Preempt 10 Input	1	
61	In Transition		
81	FIO Status Alarm		

Call Phases[1.1.5]

Ø	Phases Called By Ø
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	

Redirect Phases[1.1.5]

	From	To	From	To	From	To	From	To
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

Inhibit Phases[1.1.5]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																

Alt Call & Redirect # 1 [1.1.6.3]

Col	Ø	Phases Called By Ø
1		
2		
3		
4		
5		
6		
7		
8		

	From	To	From	To	From	To	From	To
1								
2								
3								
4								
5								
6								
7								
8								

Alt Inhibit Phases # 1 [1.1.6.3]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																

Alt Call & Redirect # 2 [1.1.6.3]

Col	Ø	Phases Called By Ø
1		
2		
3		
4		
5		
6		
7		
8		

	From	To	From	To	From	To	From	To
1								
2								
3								
4								
5								
6								
7								
8								

Alt Inhibit Phases # 2 [1.1.6.3]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																

Coord, CIC Plans [2.3]

CIC	CoØ	Grow	1	2	3	4	5	6	7	8
1	OFF									
2	OFF									
3	OFF									
4	OFF									

Auto Flash Phase/Olap Settings [1.4.2]

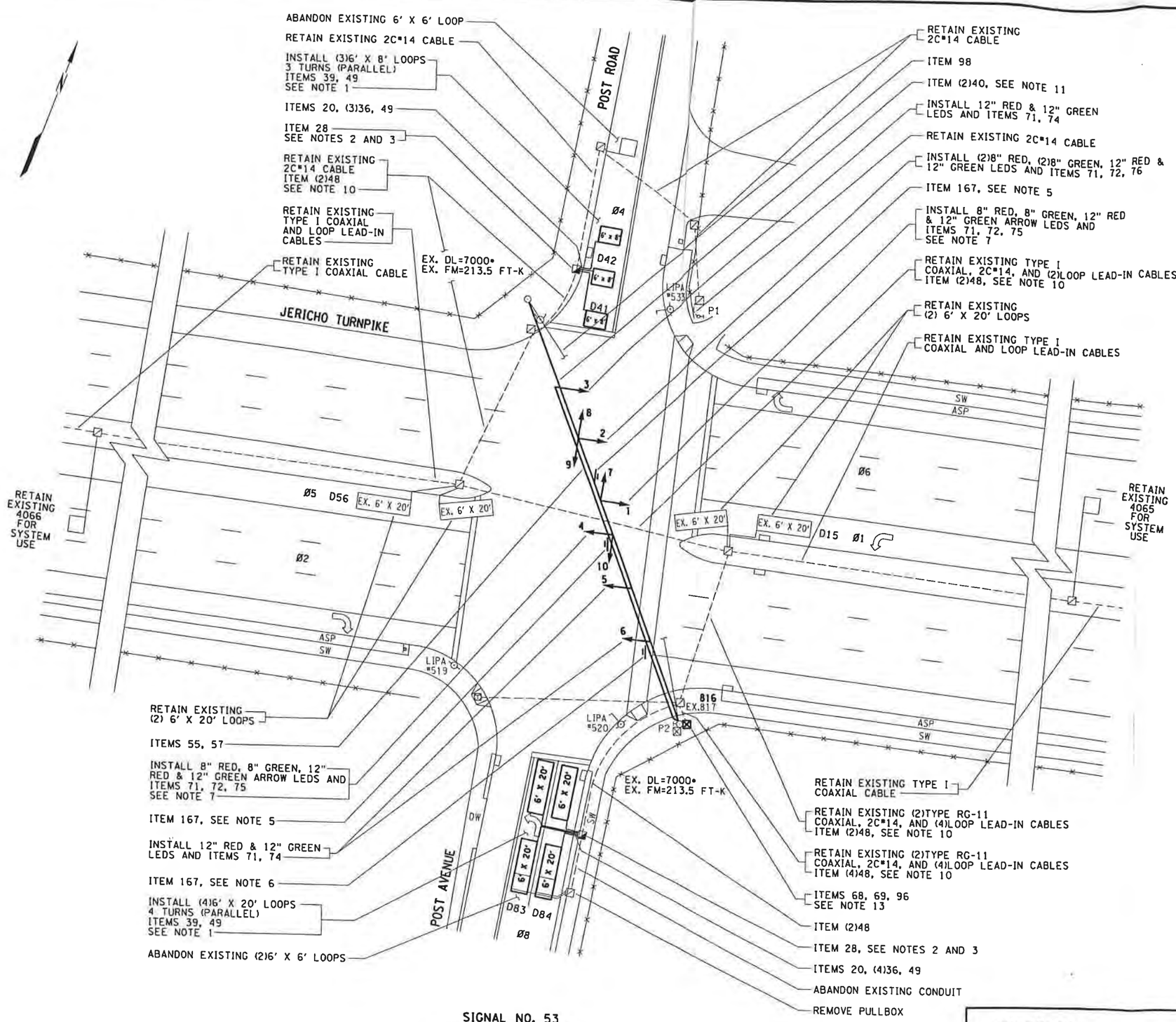
Yel Ø								
Yel (olaps)								

Unit Parameters [1.2.1]

Allow Skip Yellow	OFF	Max Cycle Time	0
TOD Dim Enable	OFF	Cycle Fault Action	ALARM
Tone Disable	OFF		
Diamond Mode	4Ph		
Backup Time (s)	900		
Disable Init Ped	OFF		
Cycle Fault Action	ALARM		
Enable Run Timer	ON		

Advanced Warning [1.1.9]

	Phase	Time
Aux Out 1	0	0
Aux Out 2	0	0



SIGNAL NO. 53

FED ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.			
P.I.N.		B.I.N.		

NOTES:

1. ALL DETECTORS SHALL BE CENTERED IN THEIR RESPECTIVE TRAVEL LANES AND SPACED 10' APART.
2. LOOP PAIRS SPECIFIED SHALL BE WIRED IN PARALLEL IN THE PULLBOX NOTED.
3. UNDER ITEM 28 (PULLBOX), THE CONTRACTOR SHALL FURNISH AND INSTALL A SPLIT PULLBOX OVER EXISTING CONDUIT AS SHOWN BY THE PLANS.
4. ALL TRAFFIC SIGNAL SECTIONS EXCEPT YELLOW SHALL BE LED.
5. SIGN TEXT R3-38C - "LEFT TURN SIGNAL".
6. SIGN TEXT R3-7C - "NO TURN ON RED".
7. VERTICAL LOUVERS SHALL BE PROVIDED FOR THE RED SECTIONS OF SIGNAL FACES 1 AND 4.
8. FOR SEQUENCE, CLEARANCE TABLE, SIGNAL SPACING DIAGRAM AND ESTIMATE OF QUANTITIES, SEE DWG. MSD-1.
9. FOR SWITCH PACK AND INPUT WIRING, SEE DWGS. MSOS-1 AND MSOS-2.
10. THE CONTRACTOR SHALL USE THE EXISTING LOOP LEAD-IN CABLES FROM Ø4 S/B LOOPS TO PULL THROUGH THE SPECIFIED CABLES. NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK.
11. THE TRAFFIC SIGNAL HEADS SHALL BE TETHERED TO THE SECOND SPAN WIRE AS PER DETAIL A, SPAN WIRE SIGN MOUNTING, ON DRAWING TSD-1.
12. THE PROPOSED SPAN WIRE SAG SHALL BE NO MORE THAN 3.5%. THE BOTTOM OF THE TRAFFIC SIGNAL HEADS SHALL BE 15.5 FT FROM THE PAVEMENT.
13. THE CONTRACTOR SHALL REMOVE THE EXISTING 330 MICROCOMPUTER CABINET AND INSTALL A NYSDOT SUPPLIED 330 MICRO CABINET AND 179 MICROPROCESSOR.

Loc 57

0 20' 40'
SCALE IN FEET

AS BUILT REVISIONS

SIGNATURE DATE

TRAFFIC SIGNAL MODIFICATION
ROUTE 25 @ POST AVENUE/POST ROAD

WILEY ENGINEERING, P.C
CONSULTING ENGINEERS

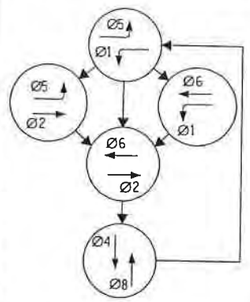
STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

FILENAME	REGION	DATE	DRAWING NO.
POSTAVENUE.DGN	10	3/04	TS-1

Designer Detailer Estimator Drafter Checker

SEQUENCE TABLE - SIGNAL NO. 53

PHASE	FACES 1	2,3	4	5,6	7,8	9,10
	(R) Y G	R Y G	(R) Y G	R Y G	R Y G	R Y G
	300mm	300mm	300mm	300mm	200mm	200mm
1+5	←G–	R	←G–	R	R	R
1+6	←G–	G	R	R	R	R
2+5	R	R	←G–	G	R	R
2+6	R	G	R	G	R	R
4+8	R	R	R	R	G	G
FLASH	R	Y	R	Y	R	R



(R) - VERTICAL LOUVERS

Ø2+6 - SHALL BE ON MINIMUM RECALL

CLEARANCE TABLE

FROM / TO	R	G	←G–	
R	R	Y	←Y–	1st CLEARANCE
	R	R	R	2nd CLEARANCE
G	R	G	-	1st CLEARANCE
	R	G	-	2nd CLEARANCE
←G–	R	-	←G–	1st CLEARANCE
	R	-	←G–	2nd CLEARANCE

FED ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.			

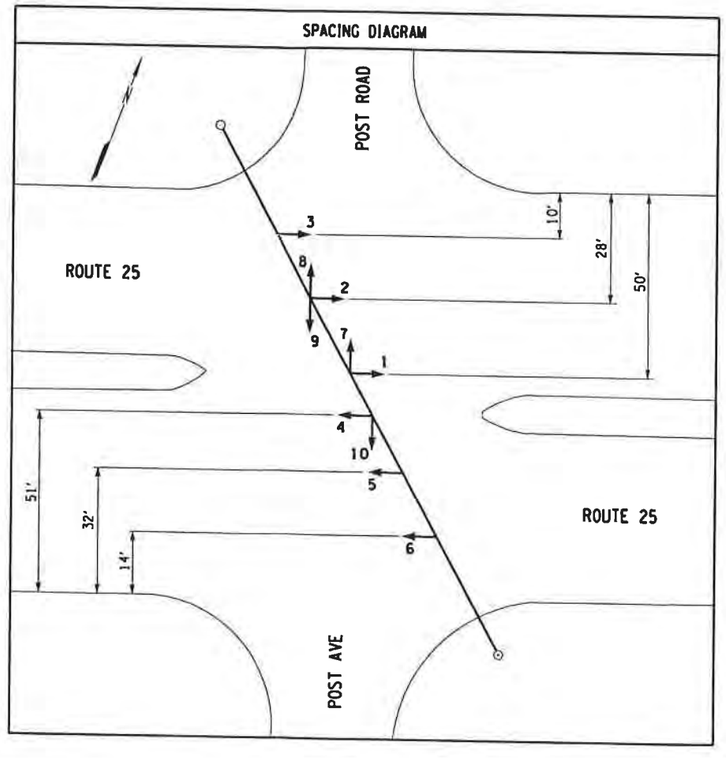
P.I.N. | B.I.N.

ESTIMATE OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
14	LOCATE AND MARKOUT INFORM FACILITIES	EA	1
16	MAINTENANCE AND PROTECTION OF TRAFFIC (ARTERIAL)	EA	4
18	FLASHING ARROW BOARD (4' X 8')	CD	2
20	CONDUIT EXCAVATION & RESTORATION (UNCLASS.)	LF	10
28	RECTANGULAR PULLBOX (CONCRETE - 26" X 18")	EA	2
36	CONDUIT - 1" FLEXIBLE	LF	20
39	INDUCTANCE LOOP INSTALLATION	LF	380
40	SINGLE SPAN WIRE ASSEMBLY	EA	2
48	SHIELDED LEAD-IN CABLE	LF	790
49	INDUCTANCE LOOP WIRE	LF	1320
55	10 CONDUCTOR CABLE	LF	200
57	19 CONDUCTOR CABLE	LF	200
68	INSTALL MICRO CABINET	EA	1
69	INSTALL MICROPROCESSOR	EA	1
71	TRAFFIC SIGNAL SECTION - 12"	EA	6
72	TRAFFIC SIGNAL SECTION - 8"	EA	4
74	TRAFFIC SIGNAL BRACKET - 1 WAY	EA	3
75	TRAFFIC SIGNAL BRACKET - 2 WAY	EA	2
76	TRAFFIC SIGNAL BRACKET - 3 WAY	EA	1
96	REMOVE POLE MOUNTED CABINET	EA	1
98	REMOVE TRAFFIC SIGNAL SPAN & HEADS	EA	1
167	OVERHEAD SIGN ASSEMBLY, TYPE D	EA	3
•	TRAFFIC SIGNAL SECTION - 12" RED LED	EA	6
•	TRAFFIC SIGNAL SECTION - 8" RED LED	EA	4
•	TRAFFIC SIGNAL SECTION - 12" GREEN LED	EA	4
•	TRAFFIC SIGNAL SECTION - 8" GREEN LED	EA	4
•	TRAFFIC SIGNAL SECTION - 12" GREEN ARROW	EA	2
•	REMOVE PULLBOX	EA	1

• A NEGOTIATED PRICE IS REQUIRED WITH JEC SINCE THERE ARE NO APPLICABLE PAY ITEMS INCLUDED IN CONTRACT D002828 TO COVER THESE TASKS.

SPACING DIAGRAM



Checker
Drafter
Estimator
Detailer
Designer

AS BUILT REVISIONS

SIGNATURE DATE

MISCELLANEOUS SIGNAL DATA

WILEY ENGINEERING, P.C.
CONSULTING ENGINEERS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

FILENAME	REGION	DATE	DRAWING NO.
POSTAVENUE.MSD	10	3/04	MSD-1

FED ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.			
P.I.N.		B.I.N.		

Checker

Drafter

Estimator

Detailer

Designer

REVISED CONFIGURATION

SIGNAL OPERATION SPECIFICATIONS
TABLE OF SWITCH PACKS

SIGNAL NO. - 53 — COUNTY - NASSAU
INTERSECTION - ROUTE 25 @ POST AVENUE — DWG. NO. - TS-1

SWITCH PACK	FUNCTION	FACE NOS.	INDICATIONS	TERMINAL WIRING BOARD	
				TERMINAL	WIRE COLOR CODE
SP 1	Ø1	1	R GRND. WIRE	SP 1R SP 1Y SP 1G GRND. BUS	14/19C-1-R 14/19C-1-O 14/19C-1-G 14/19C-1-W
SP 2	Ø6	2,3	R Y G GRND. WIRE	SP 2R SP 2Y SP 2G GRND. BUS	14/19C-1-R/B 14/19C-1-O/B 14/19C-1-G/B 14/19C-1-W/B
SP 3	Ø2	5,6	R Y G GRND. WIRE	SP 3R SP 3Y SP 3G GRND. BUS	14/19C-1-R/W 14/19C-1-BL/W 14/19C-1-G/W 14/19C-1-B/W
SP 4			GRND. WIRE	SP 4R SP 4Y SP 4G GRND. BUS	
SP 5	Ø8	9,10	R Y G GRND. WIRE	SP 5R SP 5Y SP 5G GRND. BUS	14/19C-1-B/R 14/19C-1-O/R 14/19C-1-BL/R 14/19C-1-W/R
SP 6	Ø4	7,8	R Y G GRND. WIRE	SP 6R SP 6Y SP 6G GRND. BUS	14/10C-1-R 14/10C-1-O 14/10C-1-G 14/10C-1-W
SP 7			GRND. WIRE	SP 7R SP 7Y SP 7G GRND. BUS	
SP 8			GRND. WIRE	SP 8R SP 8Y SP 8G GRND. BUS	
SP 9			GRND. WIRE	SP 9R SP 9Y SP 9G GRND. BUS	
SP 10	Ø5	4	R GRND. WIRE	SP 10R SP 10Y SP 10G GRND. BUS	14/10C-1-R/B 14/10C-1-O/B 14/10C-1-G/B 14/10C-1-W/B
SP 11			GRND. WIRE	SP 11R SP 11Y SP 11G GRND. BUS	
SP 12			GRND. WIRE	SP 12R SP 12Y SP 12G GRND. BUS	

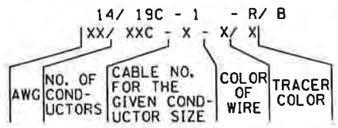
REVISED CONFIGURATION

SIGNAL OPERATION SPECIFICATIONS
TABLE OF INPUT WIRING

SIGNAL NO. - 53 — COUNTY - NASSAU
INTERSECTION - ROUTE 25 @ POST AVENUE — DWG. NO. - TS-1

FUNCTION	DETECTOR NUMBER	TYPE	TERMINAL BOARD WIRING
Ø4 - PRESENCE	D41	LOOP	1A, 1B
Ø4 - PRESENCE	D42	LOOP	2A, 2B
Ø8 - PRESENCE	D83	LOOP	3A, 3B
Ø8 - PRESENCE	D84	LOOP	4A, 4B
Ø1 - PRESENCE	D15	LOOP	5A, 5B (EXISTING)
Ø5 - PRESENCE	D56	LOOP	6A, 6B (EXISTING)
			7A, 7B
			8A, 8B
			9A, 9B
			10A, 10B
			11A, 11B
			12A, 12B
			13A, 13B
			14A, 14B
Ø4 - SCHOOL PREEMPTION	EV A	POLICE PANEL BUTTON	15A, 15B
Ø8	P1, P2	PUSHBUTTON	16A, 16B
			17A, 17B
			18A, 18B
			19A, 19B
			20A, 20B
WB/SYSTEM	4065	LOOP	21A, 21B
EB/SYSTEM	4066	LOOP	22A, 22B
			23A, 23B
			24A, 24B
			25A, 25B

KEY FOR WIRE COLOR CODE



COLOR: R-RED, O-ORANGE, G-GREEN
BL-BLUE, W-WHITE, B-BLACK

G = CIRCULAR GREEN
← = LEFT GREEN ARROW
→ = RIGHT GREEN ARROW
↑ = VERTICAL GREEN ARROW
Y = CIRCULAR YELLOW
⟵ = LEFT YELLOW ARROW
⟶ = RIGHT YELLOW ARROW
R = CIRCULAR RED
⟵ = LEFT RED ARROW
⟶ = RIGHT RED ARROW

AS BUILT REVISIONS

SIGNATURE _____ DATE _____

REVISED MICROCOMPUTER SIGNAL OPERATION SPECIFICATION

WILEY ENGINEERING, P.C.
CONSULTING ENGINEERS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

FILENAME	REGION	DATE	DRAWING NO.
POSTAVENUE.SOS2	10	3/04	MSOS-2

Intersection: FRANKLIN AVENUE & 2 ND STREET/ MAIN ST
Village: GARDEN CITY
Signal: 3892

Loc 58

Date: 10/24/97
Cont. Type: DM400

Same timing and phasing for each peak hour

APPROACH LEG	FRANK. AVE ↓	2 ND / MAIN ST ← →	FRANK. S/B LEFT ↓					
Phase	1	2	3	4	5	6	7	8
Detector		62						
Minimum Green	20	8	3					
Passage Time	0.0	3.0	1.0					
Yellow Clearance	3.5	3.5	3.0					
Red Clearance	2.0	2.0	1.0					
Max I	20	23	10					
Max II	20	28	15					
Walk Time	1	6	0					
Ped. Clearance	0	16	0					
Ped. Recall	OFF	OFF	OFF					
Vehicle Recall	EXT	OFF	OFF					
Memory	ON	ON	OFF					
Added Initial Seconds/Actuation								
Time Before Reduction								
Time to Reduce								
Minimum Gap								

FED. RD REG. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	NEW YORK		42A	~~126~~ 134

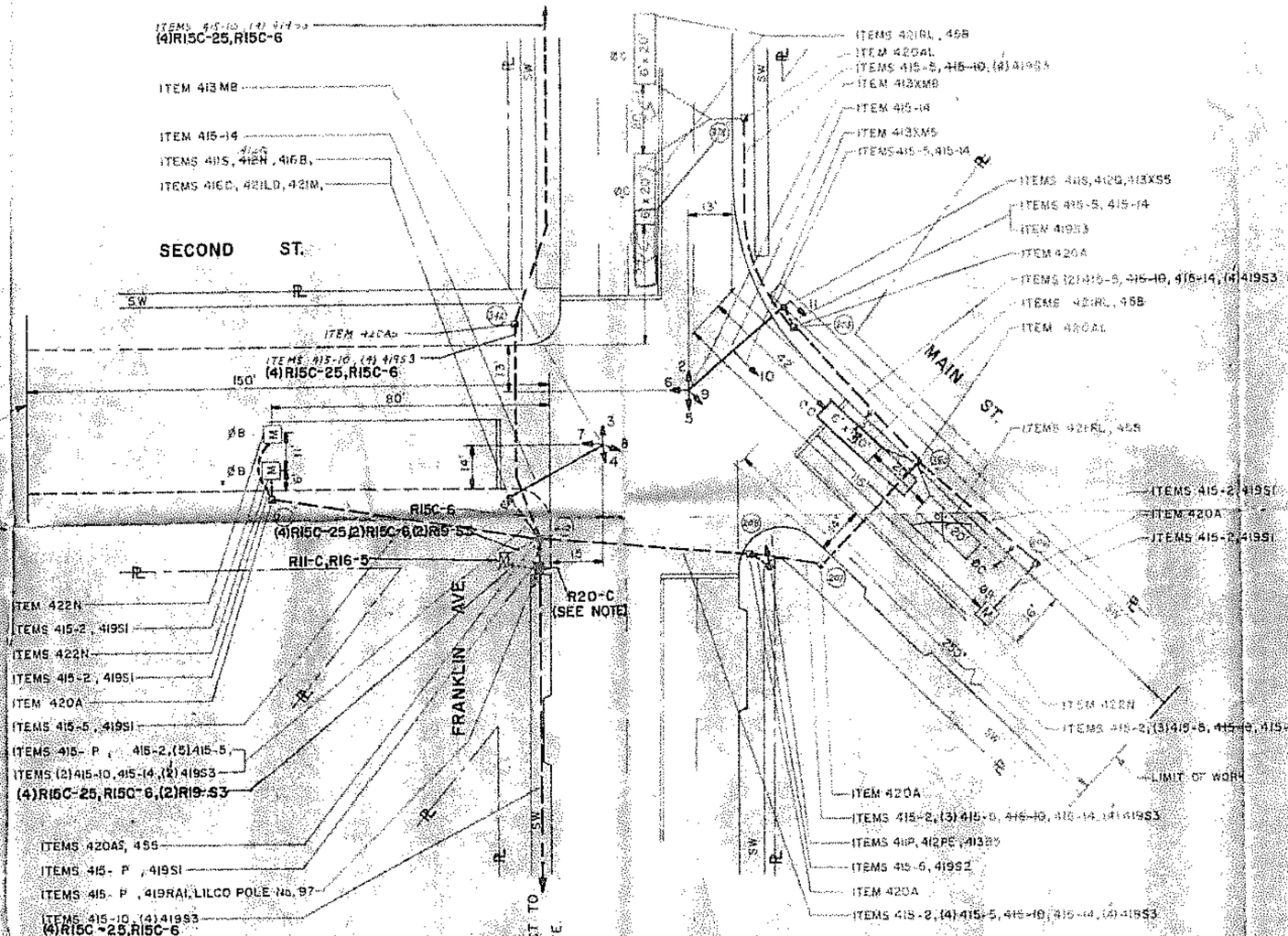
FRANKLIN AVE. C.R. NO. 6

Loc 58

PHASE	1	2	3	4	5,6,8,9	10,11
	G				R	R
	Y				Y	Y
	R				G	G
					R	R
					Y	Y
					G	G
					R	R
					R	R
					R	R
FLASHING	Y	Y	Y	R		DK

NOTE PHASE C SHALL CLEAR TO PHASE A ONLY

① GREEN ARROW
② YELLOW ARROW
③ RED ARROW



NOTES
1-FOR DETAILS OF ROADWAY IMPROVEMENTS SEE SHEET NO. 87.
2-FOR EXISTING UTILITIES SEE SHEET NO. 124.

ESTIMATE OF QUANTITIES

SIGNAL NUMBER 3892

ITEM No.	DESCRIPTION	UNIT	QUANTITY
415	FOUND, FOR MAST ARM AND STEEL POLES	EA.	2
412N	MAST ARM POLE WITH 30FT. MAST ARM	EA.	1
412D	MAST ARM POLE WITH 35FT. MAST	EA.	~~2~~ 1
413MB	SIGNAL HEAD, 4 WAY, 3-8" SEC.	EA.	1
416P	CABLE, 3 CONDUCTOR, NO. 10 AWG	LF	80
416-2	CABLE, 2 CONDUCTOR, NO. 14 AWG	LF	250
416-5	CABLE, 5 CONDUCTOR, NO. 14 AWG	LF	990
416-14	CABLE, 14 CONDUCTOR, NO. 14 AWG	LF	270
416B	CONTROLLER, 3-PHASE MODULAR	EA	1
416C	COORDINATION UNIT	EA	1
419S1	CONDUIT STEEL 1-1/4"	LF	170
419S2	CONDUIT STEEL 2"	LF	10
419S3	CONDUIT STEEL 3"	LF	270
419T	TRENCH	LF	450
420A	PULL BOX	EA	~~6~~ 5
420AL	PULL BOX WITH 1/2" CONDUIT	EA	2
421D	LOOP VEHICLE DETECTOR	EA	1
421M	MAGNETIC DETECTOR AMPLIFIER	EA	1
421RL	LOOP WIRE AND SEALING	LF	630
422N	MAGNETIC DETECTOR	EA	3
424	REMOVAL OF EXISTING INSTALLATION	EA	1
455	POWER CONNECTION	EA	1
456	SAW CUT	LF	280
* 419P	FOUND FOR SIGNAL POST	EA	1
* 419PE	POST, ALUMINUM, 12 FT.	EA	1
* 419S5	SIGNAL HEAD, 1-WAY, 3-8", 1-12" SEC.	EA	1
* 413XMS	SIGNAL HEAD, 1-WAY, COMBINATION	EA	1
* 413XMB	SIGNAL HEAD, 4-WAY, COMBINATION	EA	1
* 413XSS	SIGNAL HEAD, 1-WAY, COMBINATION	EA	1
* 419AL	STEEL SIGN ASSEMBLY, R19	EA	1
* 422AS	PULL BOX, SIDEWALK TYPE I (P.B. 1)	EA	2

* OUT OF ORDER

REVISED=INTERCONNECT CABLE

Approved [signature] date 2/6/72

REVISION TO PROPOSED SIGNAL CONSTRUCTION
REVISION TO TABLE OF QUANTITIES
NUMBERING SYSTEM FOR PULL BOXES

NASSAU COUNTY TOPICS

FRANKLIN AVE.
AT
SECOND ST. – MAIN ST.

Drawing No.	Scale	Date	Sheet No.
FS-16	1" = 20'	12/10/71	42A

T. T. WILEY AND ASSOCIATES
CONSULTING ENGINEERS Attachment-SIGHTS, N.Y.

NASSAU COUNTY OFFICIAL T.S.L. TIMING RECORD

Loc 60

Intersection: Washington Ave. & Meadow St
Town: Garden City
Signal No.: 3886

Remarks: 90" cycle
Date: 12/02/2015 smd

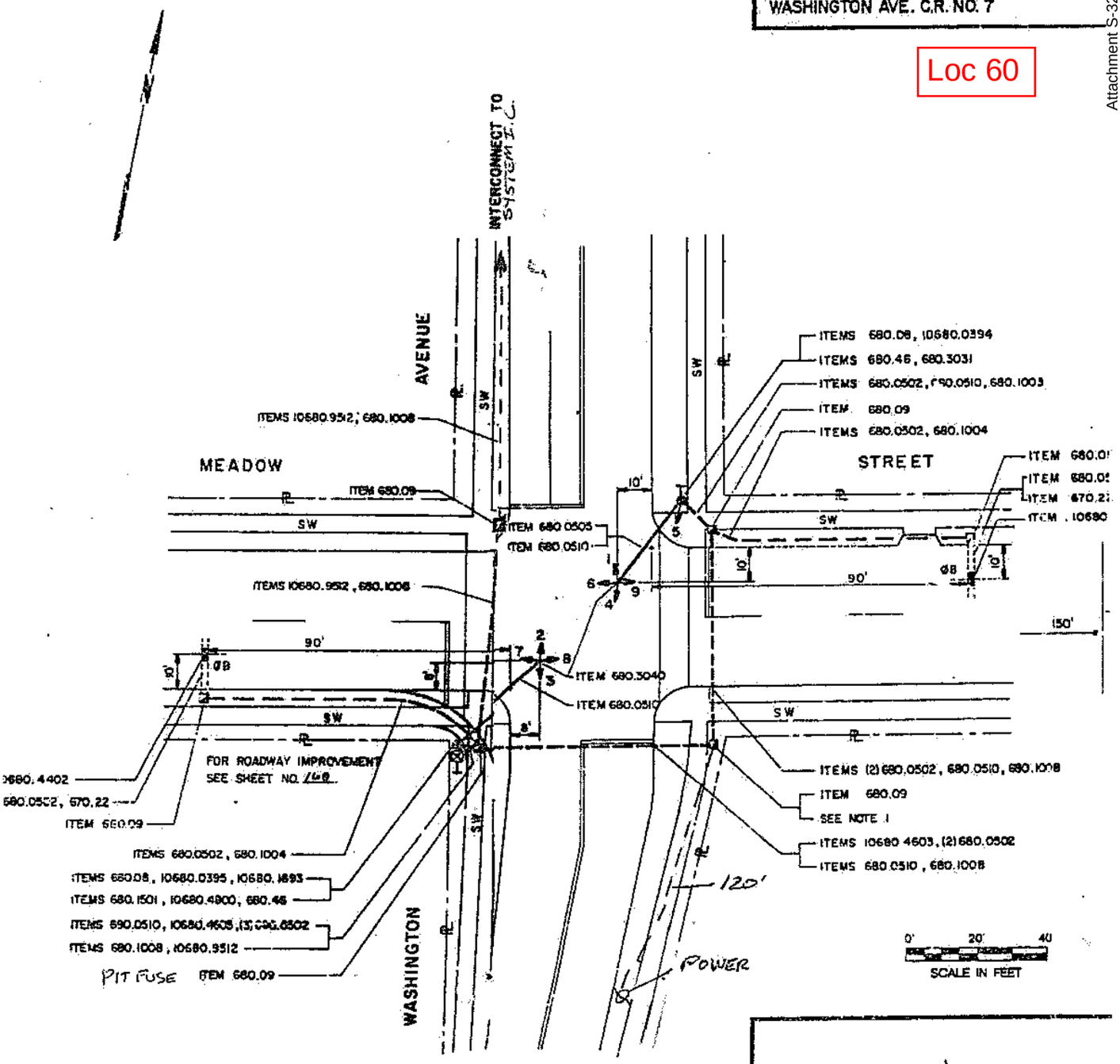
Intersection Approach	Washington Avenue	Meadow Street
Phase	1	2
Detector Spacing	-----	90' +/-
Minimum Green	20	10
Passage Time	0.0	4.0
Walk	1	8
Pedestrian Clearance	0	12
Maximum Green 1	20	30
Maximum Green 2	20	30
Recall	Ext/CNA1	Off
Memory	On	On
Clearance Yellow	4.0	4.0
Clearance All Red	2.0	2.0

1	NEW YORK	M-4001 (72) SRS-4100 (318)	82

WASHINGTON AVE. C.R. NO. 7

Loc 60

Attachment S-320



PROPOSED SIGNAL CONSTRUCTION

#3886

NASSAU COUNTY TOPICS

EXISTING UTILITIES & SIGNAL CONSTRUCTI

WASHINGTON AVE.
AT
MEADOW ST.

Drawing No.	Scale	Date	Sh.
20-SU-46	1"=20'	3-26-73	8

T. T. WILEY AND ASSOCIATES
CONSULTING ENGINEERS ROSLYN HEIGH

12

Intersection: CLINTON STREET & MEADOW STREET
Village: GARDEN CITY
Signal: 3879

Loc 61

Date: 08/13/02
Cont. Type: MARBELITE

same phasing and timing for each peak hour

APPROACH LEG	CLIN-TON STREET ↓	MEADOW STREET ← →						
Phase	1	2	3	4	5	6	7	8
Detector		30						
Minimum Green	20	8						
Passage Time	0.0	3.0						
Yellow Clearance	4.0	4.0						
Red Clearance	2.0	2.0						
Max I	20	23						
Max II	20	28						
Walk Time	1	8						
Ped. Clearance	0	12						
Ped. Recall	OFF	OFF						
Vehicle Recall	EXT/ CNA1	OFF						

FED.ROAD REG NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.		70	160

NASSAU COUNTY COMPUTERIZED TRAFFIC
SIGNAL CONTROL EXPANSION CONTRACT 2
NASSAU COUNTY

D25[illegible]9

PHASING DIAGRAM

N.C. SEQUENCE

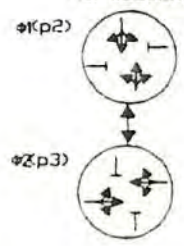
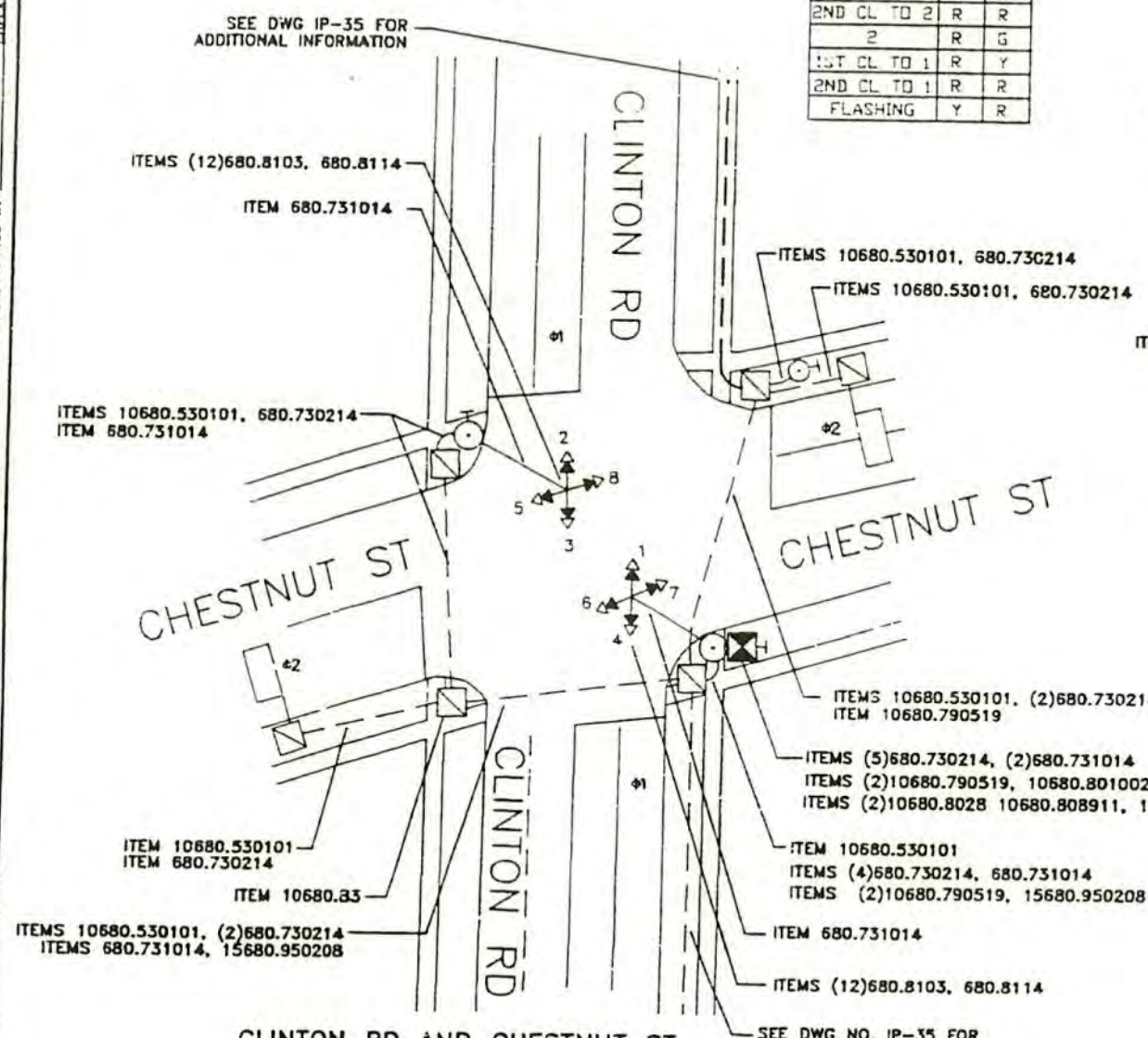


TABLE OF OPERATIONS

SIGNAL NO. 3880

FACES	Ⓡ Ⓡ	Ⓨ Ⓨ	Ⓖ Ⓖ			8"	8"
PHASE						1-4	5-8
1						G	R
1ST CL TO 2						Y	R
2ND CL TO 2						R	R
2						R	G
1ST CL TO 1						R	Y
2ND CL TO 1						R	R
FLASHING						Y	R



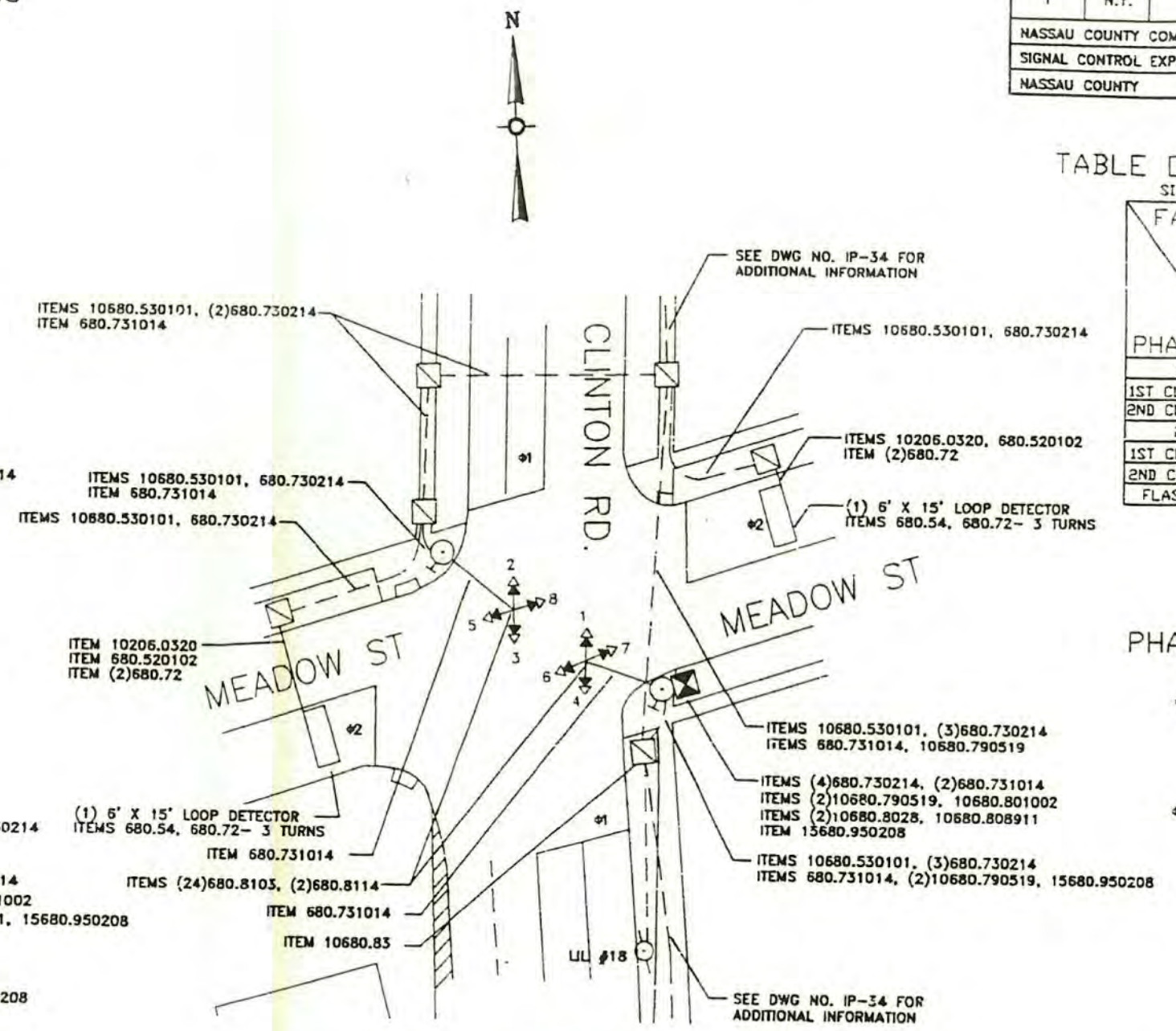
CLINTON RD AND CHESTNUT ST
SIGNAL No. 3880

ESTIMATE OF QUANTITIES

ITEM No.	DESCRIPTION	UNIT	QUANTITY
10206.0320	TRAF SIG CONDUIT EXCAV AND REST IN UNPAVED AREAS	LF	35
680.520102	STEEL CONDUIT, 3/4 IN DIA	LF	35
10680.530101	CLEAN EXISTING CONDUIT	LF	595
680.54	INDUCTANCE LOOP INSTALLATION	LF	240
680.72	INDUCTANCE LOOP WIRE	LF	330
680.730214	SIGNAL CABLE 2C#14 AWG	LF	1335
680.731014	SIGNAL CABLE 10C#14 AWG	LF	605
10680.790519	SHIELD COMM CABLE 5 PR NO. 19 AWG (N.C.)	LF	295
10680.801002	CONTROLLER 2 PHASE FTA (N.C.)	EA	2
10680.8028	SINGLE CHANNEL SHELF MOUNT LOOP DETECTOR AMP	EA	4
10680.808911	FIELD TELEMETRY UNIT (N.C.)	EA	2
680.8103	TRAFFIC SIGNAL SECTION, 8 IN	EA	48
680.8114	TRAFFIC SIGNAL BRACKET ASSEMBLY, FOUR-WAY	EA	4
10680.83	POWER SERVICE CONNECTION (N.C.)	EA	2
15680.950208	SERVICE CABLE 2C#8 AWG	LF	120

NOTE:

1. SEE "TABLE OF TRAFFIC SIGNAL EQUIPMENT REMOVAL – SIGNAL" ON DWG NO. MT-4 FOR SPECIFIC QUANTITIES AND EQUIPMENT TO BE REMOVED UNDER ITEM 10680.79.



CLINTON RD AND MEADOW ST
SIGNAL No. 3879

Loc 61

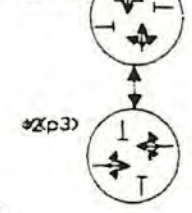
TABLE OF OPERATIONS

SIGNAL NO. 3879

FACES	Ⓡ Ⓡ	Ⓨ Ⓨ	Ⓖ Ⓖ			8"	8"
PHASE						1-4	5-8
1						G	R
1ST CL TO 2						Y	R
2ND CL TO 2						R	R
2						R	G
1ST CL TO 1						R	Y
2ND CL TO 1						R	R
FLASHING						Y	R

PHASING DIAGRAM

N.C. SEQUENCE



GRAPHIC SCALE

20 10 5 0 10 30

(IN FEET)

AS – BUILT REVISIONS

SIGNATURE DATE

INTERSECTION PLAN

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

DRAWING NO.	SCALE	DATE	L. K. McLEAN ASSOCIATES CONSULTING ENGINEERS
TSP-22	AS SHOWN	SEPT 1998	

NOTES:

1. SEE "TAB ON DWG TO BE RE
2. THE CONT
   A. UNDER 4' POS
   B. UNDER 8' POS AS THE

DESIGNED BY ____ CHECKED BY ____ DRAFTED BY ____ CHECKED BY ____ ESTIMATED BY ____ DATE

Attachment 1 3322

Same phasing and timing for all peak hours.

NASSAU COUNTY OFFICIAL T.S.L. TIMING RECORD

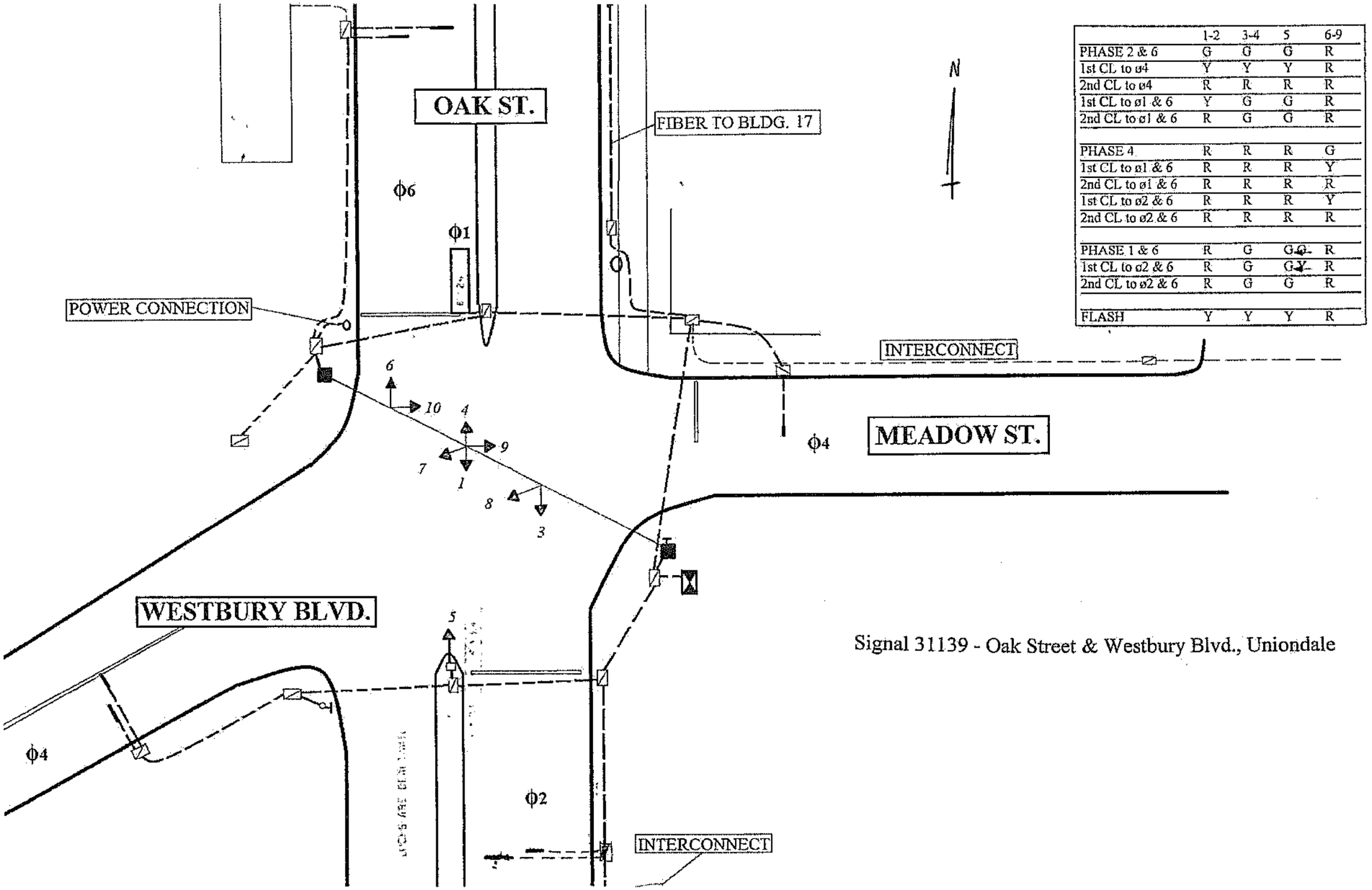
Loc 64

Intersection: Oak Street & Westbury Blvd.
Town: Uniondale
Signal No.: 31139

Remarks: No Coord
Date: 10-5-99 AP

Intersection Approach	SBLT & SB	Oak Street N/B		Westbury Blvd		Oak Street S/B		
Phase	1	2	3	4	5	6	7	8
Detector Spacing	Presence	160'		100'		160'		
Minimum Green	2	17		14		17		
Maximum Initial Seconds per Actuation								
Time Before Reduction								
Passage Time	2.0	4.0		4.0		4.0		
Time To Reduce To Min. Gap Set Below								
Minimum Gap								
Walk	0	0		11		0		
Pedestrian Clearance	0	0		11		0		
Maximum Green 1	10	25		25		25		
Maximum Green 2	10	25		25		25		
Recall Memory	OFF (4) OFF	ON (1) ON		OFF (0) ON		ON (1) ON		
Clearance (Yellow)	3.0	3.5		3.5		3.5		
Clearance All Red	1.0	2.0		2.0		2.0		
	14	30.5		30.5		30.5		

Loc 64



	1-2	3-4	5	6-9
PHASE 2 & 6	G	G	G	R
1st CL to ø4	Y	Y	Y	R
2nd CL to ø4	R	R	R	R
1st CL to ø1 & 6	Y	G	G	R
2nd CL to ø1 & 6	R	G	G	R
PHASE 4	R	R	R	G
1st CL to ø1 & 6	R	R	R	Y
2nd CL to ø1 & 6	R	R	R	R
1st CL to ø2 & 6	R	R	R	Y
2nd CL to ø2 & 6	R	R	R	R
PHASE 1 & 6	R	G	G	R
1st CL to ø2 & 6	R	G	Y	R
2nd CL to ø2 & 6	R	G	G	R
FLASH	Y	Y	Y	R

Signal 31139 - Oak Street & Westbury Blvd., Uniondale

Phase Times [1.1.1]

	1	2	3	4	5	6	7	8
Min Green	5	10		5	5	10		7
Gap, Ext	2			3	3			3
Max 1	21	60		30	21	60		30
Max 2								
Yel Clearance	3	5		4	3	5		4
Red Clearance	2	2		3	2	2		3
Walk		7						7
Ped Clearance		15						25
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								
Options [1.1.2]	1	2	3	4	5	6	7	8
Enable	ON	ON		ON	ON	ON		ON
Min Recall								
Max Recall		ON				ON		
Ped Recall								
Soft Recall								
Lock Calls	ON			ON	ON			ON
Auto Flash Entry								
Auto Flash Exit								
Dual Entry		ON		ON		ON		ON
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passage								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								
Options+ [1.1.3]	1	2	3	4	5	6	7	8
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay								4

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	180	34	1	1	13	0	0	13	1	25	0	0	0	1	37	0	0	0	1
2	140	0	2	1	14	0	0	14	1	26	0	0	0	1	38	0	0	0	1
3	170	4	3	1	15	0	0	15	1	27	0	0	0	1	39	0	0	0	1
4	60	26	4	1	16	0	0	16	1	28	0	0	0	1	40	0	0	0	1
5	0	0	5	1	17	0	0	17	1	29	0	0	0	1	41	0	0	0	1
6	0	0	6	1	18	0	0	18	1	30	0	0	0	1	42	0	0	0	1
7	0	0	7	1	19	0	0	19	1	31	0	0	0	1	43	0	0	0	1
8	0	0	8	1	20	0	0	20	1	32	0	0	0	1	44	0	0	0	1
9	180	66	9	1	21	0	0	21	1	33	0	0	0	1	45	0	0	0	1
10	180	114	10	1	22	0	0	22	1	34	0	0	0	1	46	0	0	0	1
11	0	0	11	1	23	0	0	23	1	35	0	0	0	1	47	0	0	0	1
12	0	0	12	1	24	0	0	24	1	36	0	0	0	1	48	0	0	0	1
Split		1	2	3	4	5	6	7	8	Split		1	2	3	4	5	6	7	8
1 Coor	24	119	0	37	24	119	0	37	13	Coor	0	0	0	0	0	0	0	0	0
2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON	NON
2 Coor	22	86	0	32	22	86	0	32	14	Coor	0	0	0	0	0	0	0	0	0
2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON	NON
3 Coor	26	107	0	37	26	107	0	37	15	Coor	0	0	0	0	0	0	0	0	0
2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON	NON
4 Coor	14	28	0	18	14	28	0	18	16	Coor	0	0	0	0	0	0	0	0	0
2	NON	Max	NON	NON	NON	Max	NON	Min			NON	NON	NON	NON	NON	NON	NON	NON	NON
5 Coor	0	0	0	0	0	0	0	0	17	Coor	0	0	0	0	0	0	0	0	0
2	NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON	NON
6 Coor	0	0	0	0	0	0	0	0	18	Coor	0	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON	NON
7 Coor	0	0	0	0	0	0	0	0	19	Coor	0	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON	NON
8 Coor	0	0	0	0	0	0	0	0	20	Coor	0	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON	NON
9 Coor	24	119	0	37	24	119	0	37	21	Coor	0	0	0	0	0	0	0	0	0
2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON	NON
10 Coor	24	119	0	37	24	119	0	37	22	Coor	0	0	0	0	0	0	0	0	0
2	NON	Max	NON	NON	NON	Max	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON	NON
11 Coor	0	0	0	0	0	0	0	0	23	Coor	0	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON	NON
12 Coor	0	0	0	0	0	0	0	0	24	Coor	0	0	0	0	0	0	0	0	0
	NON	NON	NON	NON	NON	NON	NON	NON			NON	NON	NON	NON	NON	NON	NON	NON	NON

Page#	
1	8 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
1A&1B	16 Phase Times/Options; Patterns/Splits; Ring Startup; Coord/Flash Mode; Unit Param
2	Overlaps; Channel Settings; Coord Alt Table+ (values not associated with time-of-day)
3	Detection; Sample Time and Unit Parameters related to detection
4	Preemption and Alternate Phase Time and Phase Options
5	Annual Schedule
6	Day Plans; Action Tables; Coord Alt Table+ (values varied by time-of-day)
7	Communications; Secutiry; I/O Setup
8	Misc - Events/Alarms; Call/Inhibit/Redirect; P/OLAP Auto Flash; CIC; Misc Unit Param

3057

Loc 79

Ring/Startup [1.1.4]

Phs	Ring	Start	Enable
1	1	Red	ON
2	1	Green	ON
3	1	Red	OFF
4	1	Red	ON
5	2	Red	ON
6	2	Green	ON
7	2	Red	OFF
8	2	Red	ON

Coord Modes [2.1]

Test OpMode	0
Correction	SHRT/LNG
Maximum	MAX 1
Force-Off	FIXED
Closed Loop	ON
Stop-in-Walk	ON
Auto Reset	ON
Expand Splt	OFF
Ped Recycle	NO_RECYCLE
Before	TIMED
After	TIMED

Auto Flash [1.4.1]

Auto Flash	PH OVER
Flash Yel	45
Flash Red	20

Unit Params [1.2.1]

Phase Mode	STD8
IO Mode	User
Loc Flsh Start	Red
Start Flash(s)	0
Start AllRed(s)	6
Yellow < 3"	OFF
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	1
Auxswitch	STOPTM
SDLC Retry	0
TS2 Det Faults	ON
Auto Ped Clear	OFF
SDLC Retry	0

Times [1.1.1]	1	2	3	4	5	6	7	8
Min Green	5	10		5	5	10		7
Gap, Ext	2			3	3			3
Max 1	21	60		30	21	60		30
Max 2								
Yel Clearance	3	5		4	3	5		4
Red Clearance	2	2		3	2	2		3
Walk		7						7
Ped Clearance		15						25
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								
Options [1.1.2]	1	2	3	4	5	6	7	8
Enable	ON	ON		ON	ON	ON		ON
Min Recall								
Max Recall		ON				ON		
Ped Recall								
Soft Recall								
Lock Calls	ON			ON	ON			ON
Auto Flash Entry								
Auto Flash Exit								
Dual Entry		ON		ON		ON		ON
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passag								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								
Options+ [1.1.3]	1	2	3	4	5	6	7	8
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay	0	0	0	0	0	0	0	4

3057 Rt 24 @ Franklin & NCMC Sig # 103.27

Coord Patterns [2.4] and Split Tables [2.7.1]

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	180	34	1	1	13	0	0	13	1	25	0	0	0	1	37	0	0	0	1
2	140	0	2	1	14	0	0	14	1	26	0	0	0	1	38	0	0	0	1
3	170	4	3	1	15	0	0	15	1	27	0	0	0	1	39	0	0	0	1
4	60	26	4	1	16	0	0	16	1	28	0	0	0	1	40	0	0	0	1
5	0	0	5	1	17	0	0	17	1	29	0	0	0	1	41	0	0	0	1
6	0	0	6	1	18	0	0	18	1	30	0	0	0	1	42	0	0	0	1
7	0	0	7	1	19	0	0	19	1	31	0	0	0	1	43	0	0	0	1
8	0	0	8	1	20	0	0	20	1	32	0	0	0	1	44	0	0	0	1
9	180	66	9	1	21	0	0	21	1	33	0	0	0	1	45	0	0	0	1
10	180	114	10	1	22	0	0	22	1	34	0	0	0	1	46	0	0	0	1
11	0	0	11	1	23	0	0	23	1	35	0	0	0	1	47	0	0	0	1
12	0	0	12	1	24	0	0	24	1	36	0	0	0	1	48	0	0	0	1

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Coor	24	119	0	37	24	119	0	37	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
2	Coor	22	86	0	32	22	86	0	32	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
3	Coor	26	107	0	37	26	107	0	37	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
4	Coor	14	28	0	18	14	28	0	18	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	Min	NON	NON	NON	NON	NON	NON	NON	NON
5	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
6	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
7	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
8	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
9	Coor	24	119	0	37	24	119	0	37	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
10	Coor	24	119	0	37	24	119	0	37	0	0	0	0	0	0	0	0
	2	NON	Max	NON	NON	NON	Max	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
11	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
12	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
13	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
14	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
15	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
16	Coor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

User Phase Mode

Phase>8 or Rings > 2

Coord Modes [2.1]

Test OpMode	0
Correction	SHRT/LNG
Maximum	MAX 1
Force-Off	FIXED
Closed Loop	ON
Stop-in-Walk	ON
Auto Reset	ON
Expand Splt	OFF
Ped Recycle	NO_RECYCLE
Before	TIMED
After	TIMED

Auto Flash [1.4.1]

Auto Flash	PH OVER
Flash Yel	45
Flash Red	20

Unit Params [1.2.1]

Phase Mode	STD8
IO Mode	User
Loc Flsh Start	Red
Start Flash(s)	0
Start AllRed(s)	6
Yellow < 3"	OFF
Display Time	20
Red Revert	3
MCE Timeout	0
Feature Profile	0
Free Ring Seq	1
Auxswitch	STOPTM
SDLC RetryTm	0
TS2 Det Faults	ON
Auto Ped Clear	OFF

<- Mode NON is Blank

09/27/23 **Page 1A**

Times [1.1.1]	9	10	11	12	13	14	15	16
Min Green								
Gap, Ext								
Max 1								
Max 2								
Yel Clearance	3	4	3	4	3	4	3	4
Red Clearance	2	2	2	2	2	2	2	2
Walk								
Ped Clearance								
Red Revert								
Add Initial								
Max Initial								
Time B4 Reduct								
Cars B4 Reduct								
Time To Reduce								
Reduce By								
Min Gap								
DyMaxLim								
Max Step								

Options [1.1.2]	9	10	11	12	13	14	15	16
Enable								
Min Recall								
Max Recall								
Ped Recall								
Soft Recall								
Lock Calls								
Auto Flash Entry								
Auto Flash Exit								
Dual Entry								
Enable Simul Gap	ON	ON	ON	ON	ON	ON	ON	ON
Gaurantee Passag								
Rest In Walk								
Conditon Service								
Non-Actuated 1								
Non-Actuated 2								
Add Init Calc								

Options+ [1.1.3]	9	10	11	12	13	14	15	16
Reservice								
PedClr Thru Yel								
Skip Red No Call								
Red Rest								
Max II								
Call Phase								
Conflicting Phase								
Omit Yellow								
Ped Delay								
Grn/Ped Delay								

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1] — Ring/Startup [1.1.4]

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Phs	Ring	Start
17	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	2	1	Green
18	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	4	1	Red
19	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	6	2	Green
20	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	2	Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	8	2	Red
21	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	10		Red
22	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	12		Red
23	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	14		Red
24	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15		Red
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	16		Red

Concurrency [1.1.4]

Phs	Concurrent Phases										Phs	Concurrent Phases								
1	5	6	0	0	0	0	0	0			9	0	0	0	0	0	0	0	0	
2	5	6	0	0	0	0	0	0			10	0	0	0	0	0	0	0	0	
3	7	8	0	0	0	0	0	0			11	0	0	0	0	0	0	0	0	
4	7	8	0	0	0	0	0	0			12	0	0	0	0	0	0	0	0	
5	1	2	0	0	0	0	0	0			13	0	0	0	0	0	0	0	0	
6	1	2	0	0	0	0	0	0			14	0	0	0	0	0	0	0	0	
7	3	4	0	0	0	0	0	0			15	0	0	0	0	0	0	0	0	
8	3	4	0	0	0	0	0	0			16	0	0	0	0	0	0	0	0	

Note: Expanded Splits are not used because "Expanded Splits" is OFF

Pat#	Cyc	Off	Split	Seq	Pat#	Cyc	Off	Split	Seq
1	0	0	1	1	25	0	0	0	1
2	0	0	2	1	26	0	0	0	1
3	0	0	3	1	27	0	0	0	1
4	0	0	4	1	28	0	0	0	1
5	0	0	5	1	29	0	0	0	1
6	0	0	6	1	30	0	0	0	1
7	0	0	7	1	31	0	0	0	1
8	0	0	8	1	32	0	0	0	1
9	0	0	9	1	33	0	0	0	1
10	0	0	10	1	34	0	0	0	1
11	0	0	11	1	35	0	0	0	1
12	0	0	12	1	36	0	0	0	1
13	0	0	13	1	37	0	0	0	1
14	0	0	14	1	38	0	0	0	1
15	0	0	15	1	39	0	0	0	1
16	0	0	16	1	40	0	0	0	1
17	0	0	17	1	41	0	0	0	1
18	0	0	18	1	42	0	0	0	1
19	0	0	19	1	43	0	0	0	1
20	0	0	20	1	44	0	0	0	1
21	0	0	21	1	45	0	0	0	1
22	0	0	22	1	46	0	0	0	1
23	0	0	23	1	47	0	0	0	1
24	0	0	24	1	48	0	0	0	1

Expanded Splits	**OFF**

Coordination Patterns [2.4] and Coordination Split Tables [2.7.1]

24	Coord	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON
		0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON

Split		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
2	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
3	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
4	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
5	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
6	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
7	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
8	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
9	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
10	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
11	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
12	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
13	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
14	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
15	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
16	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
17	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
18	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
19	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
20	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
21	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
22	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON
23	Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

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Overlap 1-16 Program Parms & Parm+ [1.5.2.1] [1.5.2.2]

Overlap Conflict Lock	OFF	Overlap Lock Inhibit	OFF	Parent Ph Clearance	OFF	Extra Included Ph	ON

	Included Ø	1								Type	#NAME?		Included Ø									Type	NORMAL
1	Modifier Ø									Grn		9	Modifier Ø									Grn	
	Conflict Ø									Yel	3		Conflict Ø									Yel	3.5
A	Conflict Olap									Red	2	I	Conflict Olap									Red	1.5
	Conflict Ped									LG			Conflict Ped									LG	
	Included Ø	5								Type	NORMAL		Included Ø									Type	NORMAL
2	Modifier Ø									Grn		10	Modifier Ø									Grn	
	Conflict Ø									Yel	3		Conflict Ø									Yel	3.5
B	Conflict Olap									Red	2	J	Conflict Olap									Red	1.5
	Conflict Ped									LG			Conflict Ped									LG	
	Included Ø									Type	NORMAL		Included Ø									Type	NORMAL
3	Modifier Ø									Grn		11	Modifier Ø									Grn	
	Conflict Ø									Yel	3		Conflict Ø									Yel	3.5
C	Conflict Olap									Red	2	K	Conflict Olap									Red	1.5
	Conflict Ped									LG			Conflict Ped									LG	
	Included Ø									Type	NORMAL		Included Ø									Type	NORMAL
4	Modifier Ø									Grn		12	Modifier Ø									Grn	
	Conflict Ø									Yel	3		Conflict Ø									Yel	3.5
D	Conflict Olap									Red	2	L	Conflict Olap									Red	1.5
	Conflict Ped									LG			Conflict Ped									LG	
	Included Ø									Type	NORMAL		Included Ø									Type	NORMAL
5	Modifier Ø									Grn		13	Modifier Ø									Grn	
	Conflict Ø									Yel	3.5		Conflict Ø									Yel	3.5
E	Conflict Olap									Red	1.5	M	Conflict Olap									Red	1.5
	Conflict Ped									LG			Conflict Ped									LG	
	Included Ø									Type	NORMAL		Included Ø									Type	NORMAL
6	Modifier Ø									Grn		14	Modifier Ø									Grn	
	Conflict Ø									Yel	3.5		Conflict Ø									Yel	3.5
F	Conflict Olap									Red	1.5	N	Conflict Olap									Red	1.5
	Conflict Ped									LG			Conflict Ped									LG	
	Included Ø									Type	NORMAL		Included Ø									Type	NORMAL
7	Modifier Ø									Grn		15	Modifier Ø									Grn	
	Conflict Ø									Yel	3.5		Conflict Ø									Yel	3.5
G	Conflict Olap									Red	1.5	O	Conflict Olap									Red	1.5
	Conflict Ped									LG			Conflict Ped									LG	
	Included Ø									Type	NORMAL		Included Ø									Type	NORMAL
8	Modifier Ø									Grn		16	Modifier Ø									Grn	
	Conflict Ø									Yel	3.5		Conflict Ø									Yel	3.5
H	Conflict Olap									Red	1.5	P	Conflict Olap									Red	1.5
	Conflict Ped									LG			Conflict Ped									LG	

Channel Settings [1.8.1]

.....Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Phase / Olap #	**1**	**6**	**2**		**8**	**4**				**5**	**8**	**2**												
Channel Type	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	PED	PED	VEH	VEH	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Channel Flash	Red	YEL	YEL	Red	YEL	Red	Red	Red	Red	Red	DRK	DRK	Red	Red	Red	Red	DRK	DRK	DRK	DRK	DRK	DRK	DRK	DRK
Alt Hz																								

Channel+ Settings [1.8.4]

.....Channel ->>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Flash Red+																								
Flash Yellow+																								
Flash Green+																								
Flash Inh Red+																								
Olap Ovrd																								

Coord Transition, CoorPhs [2.5]

Pat#	Short	Long	Dwell	No Shortway Ø				E-Yld	Offset	RetHld	Float	Min Veh Perm	Min Ped Perm
1	12	22							EndGRN				ON
2	12	22							EndGRN				ON
3	12	22							EndGRN				ON
4	12	22							EndGRN				ON
5	12	22							EndGRN				
6	12	22							EndGRN				
7	12	22							EndGRN				
8	12	22							EndGRN				
9	12	22							EndGRN				
10	12	22							EndGRN				
11	12	22							EndGRN				
12	12	22							EndGRN				
13	12	22							EndGRN				
14	12	22							EndGRN				
15	12	22							EndGRN				
16	12	22							EndGRN				
17	12	22							EndGRN				
18	12	22							EndGRN				
19	12	22							EndGRN				
20	12	22							EndGRN				
21	12	22							EndGRN				
22	12	22							EndGRN				
23	12	22							EndGRN				
24	12	22							EndGRN				
25									BegGRN				
26									BegGRN				
27									BegGRN				
28									BegGRN				
29									BegGRN				
30									BegGRN				
31									BegGRN				
32									BegGRN				
33									BegGRN				
34									BegGRN				
35									BegGRN				
36									BegGRN				
37									BegGRN				
38									BegGRN				
39									BegGRN				
40									BegGRN				
41									BegGRN				
42									BegGRN				
43									BegGRN				
44									BegGRN				
45									BegGRN				
46									BegGRN				
47									BegGRN				
48									BegGRN				

Channel Params[1.8.3]

C1 IO Mode	User	Single BIU Map	SINGLE	Invert Rail Input	OFF

Veh Par 1-64 [5.1]

Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time
1	1						45	50	255
2	4						45	50	255
3	4						45	50	255
4	5						45	50	255
5	8						45	50	255
6	8						45	50	255
7							45	50	255
8							45	50	255
9							45	50	255
10							45	50	255
11							45	50	255
12							45	50	255
13							45	50	255
14							45	50	255
15							45	50	255
16							45	50	255
17							45	50	255
18							45	50	255
19							45	50	255
20							45	50	255
21							45	50	255
22							45	50	255
23							45	50	255
24							45	50	255
25							45	50	255
26							45	50	255
27							45	50	255
28							45	50	255
29							45	50	
30							45	50	
31							45	50	
32							45	50	

Veh Par 1-64 [5.1]

Det #	Call Ø	Swi Ø	Dlay	Ext	Que	No Act	Max Pres	Err Cnt	Fail Time
33							45	50	
34							45	50	
35							45	50	
36							45	50	
37							45	50	
38							45	50	
39							45	50	
40							45	50	
41							45	50	
42							45	50	
43							45	50	
44							45	50	
45							45	50	
46							45	50	
47							45	50	
48							45	50	
49							45	50	
50							45	50	
51							45	50	
52							45	50	
53							45	50	
54							45	50	
55							45	50	
56							45	50	
57							45	50	
58							45	50	
59							45	50	
60							45	50	
61							45	50	
62							45	50	
63							45	50	
64							45	50	

Vehicle Options 1-64 [5.2]

Det #	Call	Ext	Que	Add Init	Red Lock	Yell Lock	occ	vol
1	ON	ON		ON				
2	ON	ON		ON				
3	ON	ON		ON				
4	ON	ON		ON				
5	ON	ON		ON				
6	ON	ON		ON				
7	ON	ON		ON				
8	ON	ON		ON				
9	ON	ON		ON				
10	ON	ON		ON				
11	ON	ON		ON				
12	ON	ON		ON				
13	ON	ON		ON				
14	ON	ON		ON				
15	ON	ON		ON				
16	ON	ON		ON				
17	ON	ON		ON				
18	ON	ON		ON				
19	ON	ON		ON				
20	ON	ON		ON				
21	ON	ON		ON				
22	ON	ON		ON				
23	ON	ON		ON				
24	ON	ON		ON				
25	ON	ON		ON				
26	ON	ON		ON				
27	ON	ON		ON				
28	ON	ON		ON				
29	ON	ON		ON				
30	ON	ON		ON				
31	ON	ON		ON				
32	ON	ON		ON				

Vehicle Options 1-64 [5.2]

Det #	Call	Ext	Que	Add AddIni	Red Lock	Yell Lock	occ	vol
33	ON	ON		ON				
34	ON	ON		ON				
35	ON	ON		ON				
36	ON	ON		ON				
37	ON	ON		ON				
38	ON	ON		ON				
39	ON	ON		ON				
40	ON	ON		ON				
41	ON	ON		ON				
42	ON	ON		ON				
43	ON	ON		ON				
44	ON	ON		ON				
45	ON	ON		ON				
46	ON	ON		ON				
47	ON	ON		ON				
48	ON	ON		ON				
49	ON	ON		ON				
50	ON	ON		ON				
51	ON	ON		ON				
52	ON	ON		ON				
53	ON	ON		ON				
54	ON	ON		ON				
55	ON	ON		ON				
56	ON	ON		ON				
57	ON	ON		ON				
58	ON	ON		ON				
59	ON	ON		ON				
60	ON	ON		ON				
61	ON	ON		ON				
62	ON	ON		ON				
63	ON	ON		ON				
64	ON	ON		ON				

Parameters+ 1-64 [5.3]

Det #	oc G	oc Y	oc R	Dlay 1	Dlay 2	Type	Src
1						NORM	
2						NORM	
3						NORM	
4						NORM	
5						NORM	
6						NORM	
7						NORM	
8						NORM	
9						NORM	
10						NORM	
11						NORM	
12						NORM	
13						NORM	
14						NORM	
15						NORM	
16						NORM	
17						NORM	
18						NORM	
19						NORM	
20						NORM	
21						NORM	
22						NORM	
23						NORM	
24						NORM	
25						NORM	
26						NORM	
27						NORM	
28						NORM	
29						NORM	
30						NORM	
31						NORM	
32						NORM	

Parameters+ 1-64 [5.3]

Det #	occ Grn	occ Yell	occ Red	Dlay 1	Dlay 2	Type	Src
33						NORM	
34						NORM	
35						NORM	
36						NORM	
37						NORM	
38						NORM	
39						NORM	
40						NORM	
41						NORM	
42						NORM	
43						NORM	
44						NORM	
45						NORM	
46						NORM	
47						NORM	
48						NORM	
49						NORM	
50						NORM	
51						NORM	
52						NORM	
53						NORM	
54						NORM	
55						NORM	
56						NORM	
57						NORM	
58						NORM	
59						NORM	
60						NORM	
61						NORM	
62						NORM	
63						NORM	
64						NORM	

Ped Det Parms [5.4]

Det #	Call Ø	No Act	Max Pres	Err Cnt
1	2		15	
2	8		15	
3			15	
4			15	
5			15	
6			15	
7			15	
8			15	

Unit Paramters [1.2.1]

TS2 Det Faults	ON

Vol/Occ Report Parm [1.5.8]

Vol/Occ Period Minutes	0
Vol/Occ Period Minutes	15

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Preemption Times [3.1], Options+ [3.6]

Pre #	Enable	Type	Output	Delay	MinDura
1	ON	RAIL	Dwell		15
2	ON	RAIL	Dwell		15
3	ON	EMERG	Dwell		5
4	ON	EMERG	Dwell		5
5	ON	EMERG	Dwell		5
6	ON	EMERG	Dwell		5

Pre #	MaxPres	MinGrn	MinWlk	PedClr	Co+Pre
1	180	3			ON
2	180	3			ON
3	180	3		10	ON
4	180	3		10	ON
5	180	3		10	ON
6	180	3		10	ON

Pre #	Track Grn	Min Dwell	Ext Dwell	PedClr+	Yel
1		2			
2		2			
3		2			
4		2			
5		2			
6		2			

Pre #	Red	Pattern	Skip
1			OFF
2			OFF
3			OFF
4			OFF
5			OFF
6			OFF

Low Priority Preempts

Pre #	Type	Min	Max
7	OFF		
8	OFF		
9	OFF		
10	OFF		

Unit Parameters [1.2.1]

Stop Timer Over Preempt	OFF
Preempt or Ext Output	PRE
Max Seek Track Time	
Max Seek Dwell Time	

Channel Parameters [1.8.3]

D Conn Mappings	None
Pre Invert Rail Input	OFF

Track Clear Phases [3.2], Track Clear Overlaps+ [3.5]

Pre #	Track Phases				Track Overlaps											
1																
2																
3																
4																
5																
6																

Dwell Phases [3.2] and Overlaps+ [3.5]

Pre #													
1	Phases												
	Overlap												
	Peds												
2	Phases												
	Overlap												
	Peds												
3	Phases	2	5										
	Overlap												
	Peds												
4	Phases	1	6										
	Overlap												
	Peds												
5	Phases	4											
	Overlap												
	Peds												
6	Phases	8											
	Overlap												
	Peds												

Exit Phases [3.2]

Pre #	Exit Phase			
1				
2				
3				
4				
5				
6				

Preemption Options+ [3.6]

Pre #	Lock	Override Auto Flsh	Override Higher	Flsh Dwell	Link
1	ON	ON	ON	OFF	
2	ON	ON	ON	OFF	
3	ON	ON	ON	OFF	
4	ON	ON	ON	OFF	
5	ON	ON	ON	OFF	
6	ON	ON	ON	OFF	

Alt# 1 Times Table [1.1.6.1.2]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 2 Times Table [1.1.6.1.2]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 3 Times Table [1.1.6.1.3]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Ø								
Min Grn								
Gap, Ext								
Max 1								
Max 2								
Yel Clr								
Red Clr								
Walk								
Ped Clr								

Alt# 1 Options Table [1.1.6.2.1]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 1 Veh Parameters [5.5.1.1]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Swiitch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 1 Veh Options [5.5.1.2]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 1 Veh Parameters+ [5.5.1.3]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 1 Ped Parameters+ [5.5.1.4]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Alt# 2 Options Table [1.1.6.2.2]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 3 Options Table [1.1.6.2.3]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 4 Options Table [1.1.6.2.4]

Column # ->	1	2	3	4	5	6	7	8
Assign Ø								
Lock Calls	ON	ON	ON	ON	ON	ON	ON	ON
Soft Recall								
Dual Enrty								
Enabl SimGap	ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage								
Rest In Walk								
Cond Service								
Reservice								
Non-Act 1								
Red Rest								
Max2								
Ped Delay								
Conflicting Ø1								

Alt# 2 Veh Parameters [5.5.2.1]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Swiitch																
Delay																
Extend																
Queue																
No Activity																
Max Presence																
Erratic Count																
Fail Time																

Alt# 2 Veh Options [5.5.2.2]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Call																
Extend																
Queue																
Added Initial																
Red Lock																
Yellow Lock																
Occupancy																
Volume																

Alt# 2 Veh Parameters+ [5.5.2.3]

Column#..... ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Assign Det#																
Occ-on-green																
Occ-on-yellow																
Occ-on-red																
Delay Phase 1																
Delay Phase 2																
Detector Mode	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM	NORM
Source																

Alt# 2 Ped Parameters+ [5.5.2.4]

Column#..... ->	1	2	3	4	5	6	7	8
Assign Det#								
Call								
No Activity								
Max Presence								
Erratic Count								

Annual Schedule [4.3]	Month of Year												Day of Week							Date																											Day Plan	Link To
	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
1	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON		ON	ON	ON	ON	ON		ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	1	
2	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON						ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	2	
3	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON								ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	1	
4	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
5	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
6	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
7	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
8	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
9	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
10	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
11	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
12	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
13	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
14	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
15	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
16	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
17	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
18	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
19	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
20	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
21	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
22	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
23	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	
24	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
																																																		1	

Day Plans [4.4]

Day Plan 1

	Hour	Min	Act		Hour	Min	Act
1	0	0	4	9	0	0	0
2	6	0	1	10	0	0	0
3	9	30	2	11	0	0	0
4	15	0	3	12	0	0	0
5	19	30	2	13	0	0	0
6	21	0	4	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 2

	Hour	Min	Act		Hour	Min	Act
1	0	0	4	9	0	0	0
2	7	0	2	10	0	0	0
3	21	0	4	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 3

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 4

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 5

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 6

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 7

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 8

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 9

	Hour	Min	Act		Hour	Min	Act
1	0	0	4	9	0	0	0
2	4	0	9	10	0	0	0
3	12	0	10	11	0	0	0
4	22	0	4	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 10

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 11

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 12

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 13

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 14

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Day Plan 15

	Hour	Min	Act		Hour	Min	Act
1	0	0	0	9	0	0	0
2	0	0	0	10	0	0	0
3	0	0	0	11	0	0	0
4	0	0	0	12	0	0	0
5	0	0	0	13	0	0	0
6	0	0	0	14	0	0	0
7	0	0	0	15	0	0	0
8	0	0	0	16	0	0	0

Action Table [4.5]

Act#	Pat#	A1	A2	A3	S1	S2	S3	S4	S5	S6	S7	S8
1	1											
2	2											
3	3											
4	4											
5	5											
6	6											
7	7											
8	8											
9	9											
10	10											
11	11											
12	12											
13	13											
14	14											
15	15											
16	16											
17	17											
18	18											
19	19											
20	20											
21	21											
22	22											
23	23											
24	24											
25												
26												
27												
28												
29												
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
48												
98												
99												
100	255											

Coord Alternate Tables - Pat+ [2.6]

Pat#	ØOpt	ØTime	DetG	Call Inh	CIC	CNA1	Overlap Off 1	2	3	4	5	6	7	8	Dia	Max2
1															DFT	
2															DFT	
3															DFT	
4															DFT	
5															DFT	
6															DFT	
7															DFT	
8															DFT	
9															DFT	
10															DFT	
11															DFT	
12															DFT	
13															DFT	
14															DFT	
15															DFT	
16															DFT	
17															DFT	
18															DFT	
19															DFT	
20															DFT	
21															DFT	
22															DFT	
23															DFT	
24															DFT	
25															DFT	
26															DFT	
27															DFT	
28															DFT	
29															DFT	
30															DFT	
31															DFT	
32															DFT	
33															DFT	
34															DFT	
35															DFT	
36															DFT	
37															DFT	
38															DFT	
39															DFT	
40															DFT	
41															DFT	
42															DFT	
43															DFT	
44															DFT	
45															DFT	
46															DFT	
47															DFT	
48															DFT	

3057 **Rt 24 @ Franklin & NCMC Sig # 1**

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C1-USER IO Map [1.8.9.1 In]

I1-1	1	Veh Call 1
I1-2	2	Veh Call 2
I1-3	3	Veh Call 3
I1-4	4	Veh Call 4
I1-5	5	Veh Call 5
I1-6	6	Veh Call 6
I1-7	7	Veh Call 7
I1-8	8	Veh Call 8
I2-1	9	Veh Call 9
I2-2	10	Veh Call 10
I2-3	11	Veh Call 11
I2-4	12	Veh Call 12
I2-5	13	Veh Call 13
I2-6	14	Veh Call 14
I2-7	129	Ped Call 1
I2-8	130	Ped Call 2
I3-1	189	Unused
I3-2	189	Unused
I3-3	19	Veh Call 19
I3-4	20	Veh Call 20
I3-5	21	Veh Call 21
I3-6	22	Veh Call 22
I3-7	23	Veh Call 23
I3-8	24	Veh Call 24
I4-1	189	Unused
I4-2	189	Unused
I4-3	189	Unused
I4-4	189	Unused
I4-5	189	Unused
I4-6	189	Unused
I4-7	229	33xCMUStop
I4-8	228	33xFlashSns
I5-1	202	Pre 5 In
I5-2	203	Pre 6 In
I5-3	200	Pre 3 In
I5-4	201	Pre 4 In
I5-5	189	Unused
I5-6	189	Unused
I5-7	189	Unused
I5-8	189	Unused
I6-1	189	Unused
I6-2	189	Unused
I6-3	189	Unused
I6-4	189	Unused
I6-5	189	Unused
I6-6	189	Unused
I6-7	189	Unused
I6-8	189	Unused

C1-USER IO Map [1.8.9.2 Out]

O1-1	1	Ch1 Red
O1-2	49	Ch1 Green
O1-3	2	Ch2 Red
O1-4	26	Ch2 Yellow
O1-5	50	Ch2 Green
O1-6	3	Ch3 Red
O1-7	27	Ch3 Yellow
O1-8	51	Ch3 Green
O2-1	4	Ch4 Red
O2-2	52	Ch4 Green
O2-3	5	Ch5 Red
O2-4	29	Ch5 Yellow
O2-5	53	Ch5 Green
O2-6	6	Ch6 Red
O2-7	30	Ch6 Yellow
O2-8	54	Ch6 Green
O3-1	7	Ch7 Red
O3-2	55	Ch7 Green
O3-3	8	Ch8 Red
O3-4	32	Ch8 Yellow
O3-5	56	Ch8 Green
O3-6	9	Ch9 Red
O3-7	33	Ch9 Yellow
O3-8	57	Ch9 Green
O4-1	10	Ch10 Red
O4-2	58	Ch10 Green
O4-3	11	Ch11 Red
O4-4	35	Ch11 Yellow
O4-5	59	Ch11 Green
O4-6	12	Ch12 Red
O4-7	36	Ch12 Yellow
O4-8	60	Ch12 Green
O5-1	28	Ch4 Yellow
O5-2	34	Ch10 Yellow
O5-3	25	Ch1 Yellow
O5-4	31	Ch7 Yellow
O5-5	115	Not Used
O5-6	115	Not Used
O5-7	115	Not Used
O5-8	114	Watchdog
O6-1	115	Not Used
O6-2	115	Not Used
O6-3	13	Ch13 Red
O6-4	37	Ch13 Yellow
O6-5	61	Ch13 Green
O6-6	14	Ch14 Red
O6-7	38	Ch14 Yellow
O6-8	62	Ch14 Green

C1-USER IO Map [1.8.9.2 Out]

O7-1	115	Not Used
O7-2	115	Not Used
O7-3	115	Not Used
O7-4	115	Not Used
O7-5	115	Not Used
O7-6	115	Not Used
O7-7	115	Not Used
O7-8	115	Not Used

C11S-USER IO Map [1.8.9.1 In]

I4-1		
I4-2		
I4-3		
I4-4		
I7-1	189	Unused
I7-2	189	Unused
I7-3	189	Unused
I7-4	189	Unused
I7-5	189	Unused
I7-6	189	Unused
I7-7	189	Unused
I7-8	189	Unused
I8-1	189	Unused
I8-2	189	Unused
I8-3	189	Unused
I8-4	189	Unused
I8-5	189	Unused
I8-6	189	Unused
I8-7	189	Unused
I8-8	189	Unused

C11S-USER IO Map [1.8.9.2 Out]

O8-1	115	Not Used
O8-2	115	Not Used
O8-3	115	Not Used
O8-4	115	Not Used
O8-5	115	Not Used
O8-6	115	Not Used
O8-7	115	Not Used
O8-8	115	Not Used

IO Logic [1.8.7]

Op1	Result		O1Fcn	Inv1	IO1	Opn1	O2Fnc	Inv2	IO2	Opn2	O3Fnc	Inv3	IO3	Opn3	Dly	Sec
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0
I	**0**	=	----	-	I	**0**	----	-	I	**0**	----	-	I	0	DLY	0

Security Access Levels [8.2]

1	SWLOAD
2	SECURE
3	None
4	None
5	None
6	None
7	None
8	None
9	None
10	None
11	None
12	None
13	None
14	None
15	None
16	None
17	None
18	None
19	None
20	None
21	None

22	None
23	None
24	None
25	None
26	None
27	None
28	None
29	None
30	None
31	None
32	None
33	None
34	None
35	None
36	None
37	None
38	None
39	None
40	None
41	None
42	None

43	None
44	None
45	None
46	None
47	None
48	None
49	None
50	None
51	None
52	None
53	None
54	None
55	None
56	None
57	None
58	None
59	None
60	None
61	None
62	None
63	None
64	None

Com Parameters [6.1]

Station ID	3057
Group ID	
Master ID	0
Backup Time	0

SysUp Modem [6.1]

Enable Modem	OFF
Idle Time	0
Dial Time	0
Tel:	
Alt:	

2070 Port Parms [6.2]

Port	Baud Rate	FCM
SP1	9600	MODE 6
SP2	9600	MODE 6
SP3	19200	MODE 6
SP4	38400	MODE 6
SP5	1200	AUTO
SP6	1200	AUTO
SP7	1200	AUTO
SP8	1200	AUTO

2070 IP 1 Addressing [6.5]

	Addressing			
Addr	10	20	9	169
Mask	255	255	255	224
Brdcst	10	20	9	191
GtWay	10	20	9	161
Port	5141			

2070 IP 2 Addressing [6.5]

	Addressing			
Addr	0	0	0	0
Mask	0	0	0	0
Brdcst	0	0	0	0
GtWay	0	0	0	0
Port	0			

2070 Port Binding Ports [6.6]

	Port	Echo	Mode
ASYNC1	SP1	OFF	0
ASYNC2	SP2	OFF	0
ASYNC3	SP3	OFF	0
ASYNC4	SP4	OFF	0
SYNC1	SP5S	SYNC3	OFF
SYNC2	OFF	SYNC4	OFF

2070 Port Binding Functions [6.6]

Function	Channel	Function	Channel
TS2/CVM	None	SYSUp	ASYNC2
CMU/MMU	None	SYSDown	ASYNC1
Opticom	None	Shell	None
Loop Det.	None		
GPS	-		

#	Event / Alarm	Ev	Alr
1	Power Up Alarm.		
2	Stop Timing	ON	ON
3	TS1 Cabinet Door	ON	ON
4	Coordination Failure	ON	ON
5	External Alarm # 1		
6	External Alarm # 2		
7	External Alarm # 3		
8	External Alarm # 4		
9	Closed Loop Disabled		
10	External Alarm # 5		
11	External Alarm # 6		
12	Manual Control Enable	ON	
13	Coord Free Input	ON	
14	Local Flash Input	ON	
15	MMU Flash	ON	
16	CMU Flash	ON	
17	Cycle Fault	ON	
18	Cycle Failure	ON	
19	Coordination Fault	ON	
20	Controller Fault	ON	
21	Detector SDLC Failure	ON	
22	MMU SDLC Failure	ON	
23	Critical SDLC Failure	ON	
24	Reserved	ON	
25	EEPROM CRC Fault	ON	
26	Detector Diagnostic Failur	ON	ON
27	BIU Detector Failure	ON	
32	Queue detector alarm	ON	
29	Ped Detector Fault	ON	ON
30	Coord Diagnostic Fault	ON	ON
41	TempAlert Probe Ch. A		
42	TempAlert Probe Ch. B		
47	Coord Active	ON	ON
48	Preempt Active	ON	ON
49	Preempt 1 Input	ON	
50	Preempt 2 Input	ON	
51	Preempt 3 Input	ON	
52	Preempt 4 Input	ON	
53	Preempt 5 Input	ON	
54	Preempt 6 Input	ON	
55	Preempt 7 Input	ON	
56	Preempt 8 Input	ON	
57	Preempt 9 Input	ON	
58	Preempt 10 Input	ON	
61	In Transition		
81	FIO Status Alarm		

Call Phases[1.1.5]

Ø	Ø	Phases Called By Ø			
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

Redirect Phases[1.1.5]

	From	To	From	To	From	To	From	To
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

Inhibit Phases[1.1.5]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																

Alt Call & Redirect # 1 [1.1.6.3]

Col	Ø	Phases Called By Ø				
1						
2						
3						
4						
5						
6						
7						
8						

	From	To	From	To	From	To	From	To
1								
2								
3								
4								
5								
6								
7								
8								

Alt Inhibit Phases # 1 [1.1.6.3]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																

Alt Call & Redirect # 2 [1.1.6.3]

Col	Ø	Phases Called By Ø				
1						
2						
3						
4						
5						
6						
7						
8						

	From	To	From	To	From	To	From	To
1								
2								
3								
4								
5								
6								
7								
8								

Alt Inhibit Phases # 2 [1.1.6.3]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2																
3																
4																
5																
6																
7																
8																

Coord, CIC Plans [2.3]

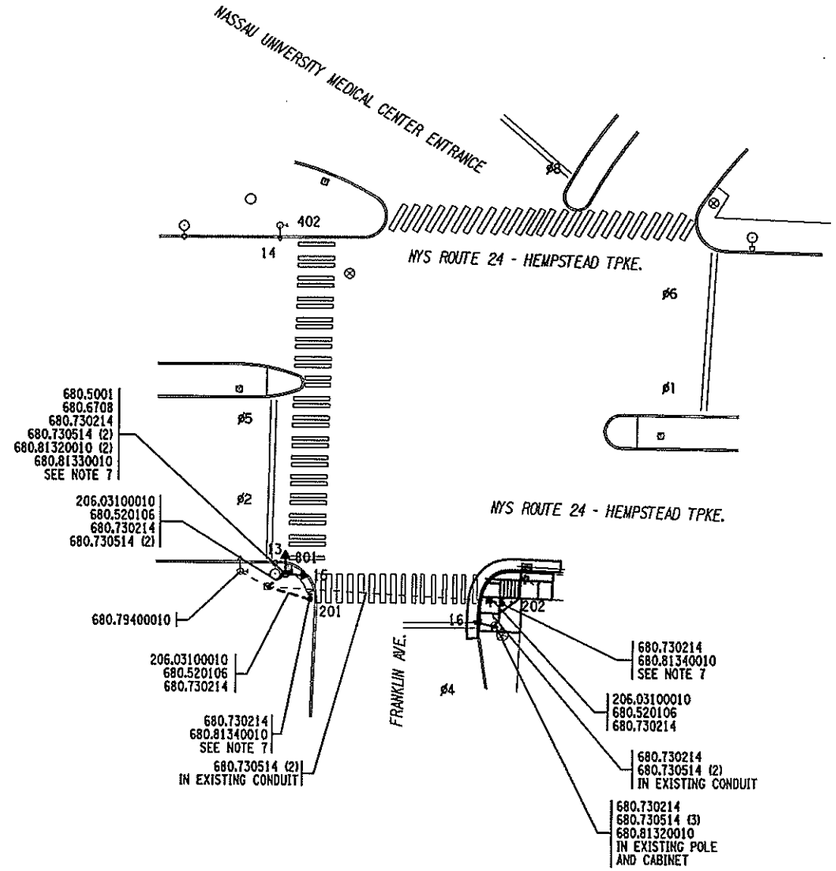
CIC	CoØ	Grow	1	2	3	4	5	6	7	8
1	OFF									
2	OFF									
3	OFF									
4	OFF									

Auto Flash Phase/Olap Settings [1.4.2]

Yel Ø								
Yel (olaps)								

Unit Parameters [1.2.1]

Allow Skip Yellow	OFF	Max Cycle Time	
TOD Dim Enable	OFF	Cycle Fault Action	Alarm
Tone Disable	OFF		
Diamond Mode	4Ph		
Backup Time (s)	900		
Disable Init Ped	OFF		
Cycle Fault Action	Alarm		
Enable Run Timer	ON		



NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NYSDOT REGIONAL TRAFFIC SIGNAL DETAIL SHEETS AND NYS STANDARD SHEETS.
2. PRIOR TO BEGINNING ANY WORK ON THE CONTRACT, THE CONTRACTOR SHALL NOTIFY THE REGIONAL TRAFFIC SIGNAL SECTION TO PERFORM AN INSPECTION OF THE EXISTING TRAFFIC SIGNAL EQUIPMENT. AFTER THE INSPECTION, THE CONTRACTOR MUST SUBMIT A WRITTEN NOTIFICATION WITH THE DATE THEY WILL ASSUME TRAFFIC SIGNAL MAINTENANCE. NO WORK SHALL PROCEED ON THE CONTRACT UNTIL TRAFFIC SIGNAL MAINTENANCE IS ASSUMED. THE EXISTING TRAFFIC SIGNAL SHALL BE MAINTAINED UNDER ITEM 619.1613 EXCEPT FOR THE CONTROLLER, PROGRAMMING, AND TIMING WHICH SHALL BE MAINTAINED BY THE STATE.
3. ALL TRAFFIC SIGNALS SHALL BE MAINTAINED IN A TRAFFIC RESPONSIVE OPERATION AND ALL INTERCONNECT, WHERE EXISTING, SHALL BE MAINTAINED. THE CONTRACTOR SHALL PAY A LIQUIDATED DAMAGES CHARGE OF $500.00 PER CALENDAR DAY IF ACTUATION AND COORDINATION IS NOT MAINTAINED.
4. ALL VEHICLE DETECTION AND SIGNAL COORDINATION MUST BE MAINTAINED AT ALL TIME. SPLICING OF INDUCTANCE LOOP WIRE, SHIELDED LEAD-IN CABLE, AND INTERCONNECT CABLE SHALL BE ALLOWED FOR TEMPORARY REPAIRS DURING CONSTRUCTION ONLY. TEMPORARY LOOP DETECTORS, IF NECESSARY, SHALL BE AT LEAST 6 FT X 6 FT, BE CENTERED IN THEIR RESPECTIVE LANE, AND PAID FOR UNDER ITEMS 680.54 AND 680.72. OTHER TYPES OF TEMPORARY DETECTION MAY BE USED UPON APPROVAL OF THE REGIONAL TRAFFIC SIGNAL SECTION.
5. TRAFFIC SIGNAL TURN-ON SHALL BE DONE BY NYS TRAFFIC SIGNAL PERSONNEL ONLY. THE CONTRACTOR SHALL PAY A LIQUIDATED DAMAGES CHARGE OF $10,000 IF THE TRAFFIC SIGNAL IS TURNED ON (INCLUDING FLASHING OPERATION) WITHOUT NYS TRAFFIC SIGNAL PERSONNEL PRESENT. THE CONTRACTOR SHALL NOTIFY THE NYS TRAFFIC SIGNAL SECTION TWO WEEKS PRIOR TO THE REQUESTED DATE OF TURN-ON.
6. WHERE THERE IS A POTENTIAL FOR DANGEROUS PROXIMITY OR CONTACT WITH ENERGIZED ELECTRICAL SYSTEMS, UTILITIES SHALL BE CALLED TO DECIDE THE NEED TO DE-ENERGIZE OR INSULATE LINES, OR OTHERWISE PROTECT AGAINST ACCIDENTAL CONTACT.
7. ALL AUDIBLE PEDESTRIAN SIGNAL PUSHBUTTONS SHALL BE PROGRAMMED WITH CUSTOM VOICE AND THE CONTRACTOR SHALL SUPPLY THE PROGRAMMING WAVE FILE TO THE STATE FOR FUTURE USE.
8. THE EXISTING TRAFFIC SIGNAL POLES HAVE A HEIGHT OF 10 M (32.8 FT), A DESIGN LOAD OF 50 KN (11,240 LBS), AND A FOOTING MOMENT OF 542.4 KN-M (400 KIPS-FT).
9. IF THE BRICK COLLAR ON THE PULL BOXES IS DAMAGED OR MISSING, THE CONTRACTOR SHALL REPLACE THE COLLAR, WORK TO BE PAID FOR UNDER ITEM 680.51050010.
10. IF THE PULL BOXES HAVE EITHER OF THE 2 WIRE HANGERS MISSING AS PER DETAIL ON STANDARD SHEET 680-04, THE CONTRACTOR SHALL FURNISH AND INSTALL NEW WIRE HANGERS.

Tm 02
5/6/20
mo/AP

NY 24 @ FRANKLIN AVE
SIGNAL NO. 103.27

20 0 20 40 60 80'
1" = 40'

PROJECT MANAGER W. STROH, P.E.
CHECK
DRAFTING
CHECK K. DELANEY
DESIGN E. HUCKSTADT
JOB MANAGER S. CHALIL, P.E.
DESIGN SUPERVISOR D. DELGADO, P.E.

FILE NAME = 080968.CPH.TSP.016.DGN
DATE/TIME = 13-APR-2018 12:42
USER = kdelaney

AFFIX SEAL:
ON:

STATE OF NEW YORK
MD MONADIL ADNAN
LICENSED PROFESSIONAL ENGINEER
No. 092302

ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

ADA COMPLIANCE BLOCK
VARIOUS LOCATIONS

COUNTIES: NASSAU AND SUFFOLK REGION: 10

PIN 0809.68

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

TRAFFIC SIGNAL PLANS

NY 24 AT FRANKLIN AVENUE
EAST MEADOW, NASSAU COUNTY
SIGNAL NUMBER 103.27

CONTRACT NUMBER
D263615

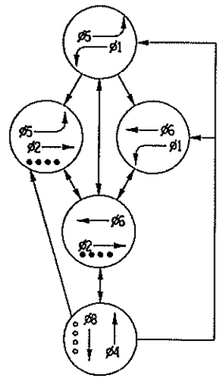
DRAWING NO. TSP-29
SHEET NO. 304

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

SEQUENCE TABLE SIGNAL NO. 103.27

PHASE	FACES 1	2,3,4	5	6,7,8	9,10	11,12	13,14	15,16
	~~R~~ ~~Y~~ ~~G~~	R Y G	~~R~~ ~~Y~~ ~~G~~	R Y G	R Y G	R Y G		
	12"	12"	12"	12"	12"	12"	12"	16"X18"
ø1 & ø5	~~G~~	R	~~G~~	R	R	R	DW	DW
ø2 & ø5	~~G~~	G	R	R	R	R	DW	•DW
ø1 & ø6	R	R	~~G~~	G	R	R	DW	DW
ø2 & ø6	R	G	R	G	R	R	DW	•DW
ø4 & ø8	R	R	R	R	G	G	•DW	DW
FLASH	R	Y	R	Y	R	R	—	—



PHASE 2 AND PHASE 6 SHALL BE PLACED ON RECALL GREEN.

FACES 13, 14, 15, AND 16 SHALL USE A R10-3E SIGN FROM THE FEDERAL MUTCD.

•SHALL BE "[walking person]" UPON ACTUATION FOLLOWED BY A FLASHING "[hand]".

ESTIMATE OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY ESTIMATE	QUANTITY ACTUAL
206.03100010	TRAFFIC SIGNAL CONDUIT EXACAVATION AND BACKFILL	LF	22	
619.1611	MAINTAIN TRAFFIC SIGNAL EQUIPMENT, REQUIREMENT "A"	INTNO	6	
680.5001	POLE EXCAVATION AND CONCRETE FOUNDATION	CY	1.2	
680.520106	CONDUIT, METAL STEEL, ZINC COATED, 2"	LF	22	
680.6708	TRAFFIC SIGNAL POLE - POST TOP MOUNT, 8 FEET MOUNTING HEIGHT	EA	1	
680.730214	SIGNAL CABLE 2 CONDUCTORS, 14 AWG	LF	90	
680.730514	SIGNAL CABLE 5 CONDUCTORS, 14 AWG	LF	245	
680.79400010	REMOVE AUXILIARY POLE AND PEDESTRIAN POST	EA	1	
680.81320010	LED PEDESTRIAN SIGNAL WITH COUNTDOWN TIMER, 16" X 18"	EA	2	
680.81330010	AUDIBLE PEDESTRIAN SIGNAL	EA	1	
680.81340010	AUDIBLE PEDESTRIAN SIGNAL - WITH POST	EA	2	

18
5
23

PROJECT MANAGER W. STROH, P.E. CHECK DRAFTING CHECK K. DELANEY DESIGN SUPERVISOR D. DELGADO, P.E. JOB MANAGER S. CHALIL, P.E. DESIGN E. HUCKSTADT CHECK

FILE NAME = 080968.CPH.TSP.016.DGN
DATE/TIME = 13-APR-2018 12:40
USER = kdelaney

AFFIX SEAL: ON:

STATE OF NEW YORK
MD MONADIL ADNAN
NO. 092302
LICENSED PROFESSIONAL ENGINEER

ALTERED BY: ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

ADA COMPLIANCE BLOCK
VARIOUS LOCATIONS

COUNTIES: NASSAU AND SUFFOLK REGION: 10

PIN 0809.68

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

TRAFFIC SIGNAL PLANS

NY 24 AT FRANKLIN AVENUE
EAST MEADOW, NASSAU COUNTY
SIGNAL NUMBER 103.27

CONTRACT NUMBER D263615

DRAWING NO. TSP-30

SHEET NO. 305

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

SIGNAL OPERATION SPECIFICATIONS
TABLE OF SWITCH PACKS

SIGNAL NO.: 103.27 COUNTY: NASSAU

SWITCH PACK	FUNCTION	FACE NOS.			INDICATIONS	TERMINAL WIRING BOARD TERMINAL	WIRE COLOR CODE			
SP1 W-S	ø1	5			◄R ◄Y ◄G NEUTRAL WIRE	SP 1R SP 1Y SP 1G NEUTRAL BUS	EXISTING EXISTING EXISTING EXISTING	-- -- -- --	-- -- -- --	-- -- -- --
SP2 W	ø6	6	7	8	R Y G NEUTRAL WIRE	SP 2R SP 2Y SP 2G NEUTRAL BUS	EXISTING EXISTING EXISTING EXISTING	EXISTING EXISTING EXISTING EXISTING	EXISTING EXISTING EXISTING EXISTING	-- -- -- --
SP3 E	ø2	2	3	4	R Y G NEUTRAL WIRE	SP 3R SP 3Y SP 3G NEUTRAL BUS	EXISTING EXISTING EXISTING EXISTING	EXISTING EXISTING EXISTING EXISTING	EXISTING EXISTING EXISTING EXISTING	-- -- -- --
SP4					NEUTRAL WIRE	SP 4R SP 4Y SP 4G NEUTRAL BUS	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --
SP5 S	ø8	11		12	R Y G NEUTRAL WIRE	SP 5R SP 5Y SP 5G NEUTRAL BUS	EXISTING EXISTING EXISTING EXISTING	EXISTING EXISTING EXISTING EXISTING	-- -- -- --	-- -- -- --
SP6 N	ø4	9		10	R Y G NEUTRAL WIRE	SP 6R SP 6Y SP 6G NEUTRAL BUS	EXISTING EXISTING EXISTING EXISTING	EXISTING EXISTING EXISTING EXISTING	-- -- -- --	-- -- -- --
SP7					NEUTRAL WIRE	SP 7R SP 7Y SP 7G NEUTRAL BUS	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --
SP8					NEUTRAL WIRE	SP 8R SP 8Y SP 8G NEUTRAL BUS	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --
SP9					NEUTRAL WIRE	SP 9R SP 9Y SP 9G NEUTRAL BUS	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --
SP10 E-N	ø5	1			◄R ◄Y ◄G NEUTRAL WIRE	SP 10R SP 10Y SP 10G NEUTRAL BUS	EXISTING EXISTING EXISTING EXISTING	-- -- -- --	-- -- -- --	-- -- -- --
SP11 S	PED "A" ø8	13		14	DONT WALK WALK NEUTRAL WIRE	SP 11R SP 11Y SP 11G NEUTRAL BUS	14/5C-1-R 14/5C-1-G 14/5C-1-W	EXISTING EXISTING EXISTING	-- -- -- --	-- -- -- --
SP12 E	PED "B" ø2	15		16	DONT WALK WALK NEUTRAL WIRE	SP 12R SP 12Y SP 12G NEUTRAL BUS	14/5C-2-R 14/5C-2-G 14/5C-2-W	14/5C-3-R 14/5C-3-G 14/5C-3-W	-- -- -- --	-- -- -- --

1-2
1-10
2-3
2-12
3-10
3-12
5-6
5-11
6-11
10-12

Yellow omit
11, 12

SIGNAL OPERATION SPECIFICATIONS
TABLE OF INPUT WIRING

SIGNAL NO.: 103.27 COUNTY: NASSAU

FUNCTION		DETECTOR NUMBER	TYPE	TERMINAL BOARD WIRING
W-S	ø1	11	PRESENCE LOOP	EXISTING
N	ø4	42	PRESENCE LOOP	EXISTING
S	ø4	43	PRESENCE LOOP	EXISTING
E-N	ø5	54	PRESENCE LOOP	EXISTING
S	ø8	85	PRESENCE LOOP	EXISTING
S	ø8	86	PRESENCE LOOP	EXISTING
	--	--	--	7A , 7B
	--	--	--	8A , 8B
	--	--	--	9A , 9B
	--	--	--	10A , 10B
	--	--	--	11A , 11B
	--	--	--	12A , 12B
	--	--	--	13A , 13B
	--	--	--	14A , 14B
E	ø2	201,202	PED BUTTON	15A , 15B
S	ø8	801,802	PED BUTTON	EXISTING
	--	--	--	17A , 17B
	--	--	--	18A , 18B
	--	--	--	19A , 19B
	--	--	--	20A , 20B
	--	--	--	21A , 21B
	--	--	--	22A , 22B
	--	--	--	23A , 23B
	--	--	--	24A , 24B
	--	--	--	25A , 25B
	--	--	--	26A , 26B
	--	--	--	27A , 27B
	--	--	--	28A , 28B

KEY FOR WIRE COLOR CODE

14/ 19C - 1 - R/B
XX/ XXC - X - X/X

AWG | NO. OF CONDUCTORS | CABLE NO. FOR THE GIVEN CONDUCTOR SIZE | COLOR OF WIRE | TRACER COLOR

COLOR: B-BLACK O-ORANGE
BL-BLUE R-RED
G-GREEN W-WHITE

LEGEND

G =CIRCULAR GREEN
Y =CIRCULAR YELLOW
R =CIRCULAR RED
-G- =LEFT GREEN ARROW
-G- =RIGHT GREEN ARROW
G =VERTICAL GREEN ARROW
-R- =LEFT RED ARROW
-R- =RIGHT RED ARROW
-Y- =LEFT YELLOW ARROW
-Y- =RIGHT YELLOW ARROW

AFFIX SEAL: ON:

STATE OF NEW YORK
MD MONADIL ADNAN
No. 092302
LICENSED PROFESSIONAL ENGINEER

ALTERED BY: ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

ADA COMPLIANCE BLOCK
VARIOUS LOCATIONS

COUNTIES: NASSAU AND SUFFOLK REGION: 10

PIN 0809.68

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

TRAFFIC SIGNAL PLANS
MICROCOMPUTER SIGNAL OPERATION SPEC.
NY 24 AT FRANKLIN AVENUE
EAST MEADOW, NASSAU COUNTY
SIGNAL NUMBER 103.27

CONTRACT NUMBER D263615

DRAWING NO. MSOS-15

SHEET NO. 378

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR D. DELGADO, P.E. JOB MANAGER S. CHALIL, P.E. DESIGN E. HUCKSTADT DRAFTING CHECK K. DELANEY PROJECT MANAGER W. STROH, P.E.

FILE NAME = 080968.CPH_TSP_016.DGN
DATE/TIME = 13-APR-2018 12:41
USER = kdelaney

Loc 420

Intersection: WASHINGTON STREET & COLUMBIA STREET
~~Village~~: HEMPSTEAD
Signal: 3766

Date: 07/13/00 D
Cont. Type: MARBELITE

APPROACH LEG	WASH-INGTON STREET ↓	N/B LEFT + E/B RT ←	COL-UMBIA STREET →					
Phase	1	2	3	4	5	6	7	8
Detector			99					
Minimum Green	20	3	10					
Passage Time	0.0	2.0	3.0					
Yellow Clearance	4.0	4.0	4.0					
Red Clearance	2.0	2.0	2.0					
Max I	20	7	23					
Max II	20	12	28					
Walk Time	1	0	8					
Ped. Clearance	0	0	12					
Ped. Recall	OFF	OFF	OFF					
Vehicle Recall	EXT/ CNA1	OFF	OFF					
Memory	ON	OFF	ON					
Added Initial Seconds/Actuation								
Time Before Reduction								
Time to Reduce								
Minimum Gap								

Loc 420

TABLE OF OPERATIONS

SIGNAL NO. 3766

FACES	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	DON'T WALK
	G				G		WALK
	8"	8"	8"	8"	8"	8"	
PHASE	1	2	3,4	5	6	7	PI
1	G	G	G	R	R	R	DW
1ST CL TO 2	G	G	Y	R	R	R	DW
2ND CL TO 2	G	G	R	R	R	R	DW
1ST CL TO 3	Y	Y	Y	R	R	R	DW
2ND CL TO 3	R	R	R	R	R	R	DW
2	G/G	G	R	R	R/G	R	DW
1ST CL TO 3	Y	Y	R	R	R/G	R	DW
2ND CL TO 3	R	R	R	R	R/G	R	DW
3	R	R	R	G	G	G	W*
PED CL	R	R	R	G	G	G	FDW*
1ST CL TO 1	R	R	R	Y	Y	Y	DW
2ND CL TO 1	R	R	R	R	R	R	DW
FLASHING	Y	Y	Y	R	R	R	DARK

APPEARS ONLY UPON ACTUATION.

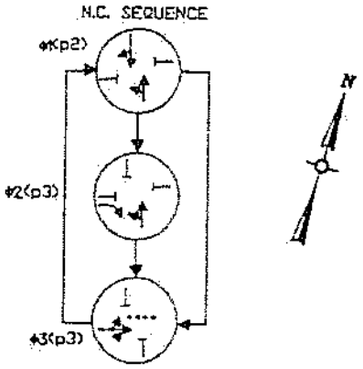
TES:

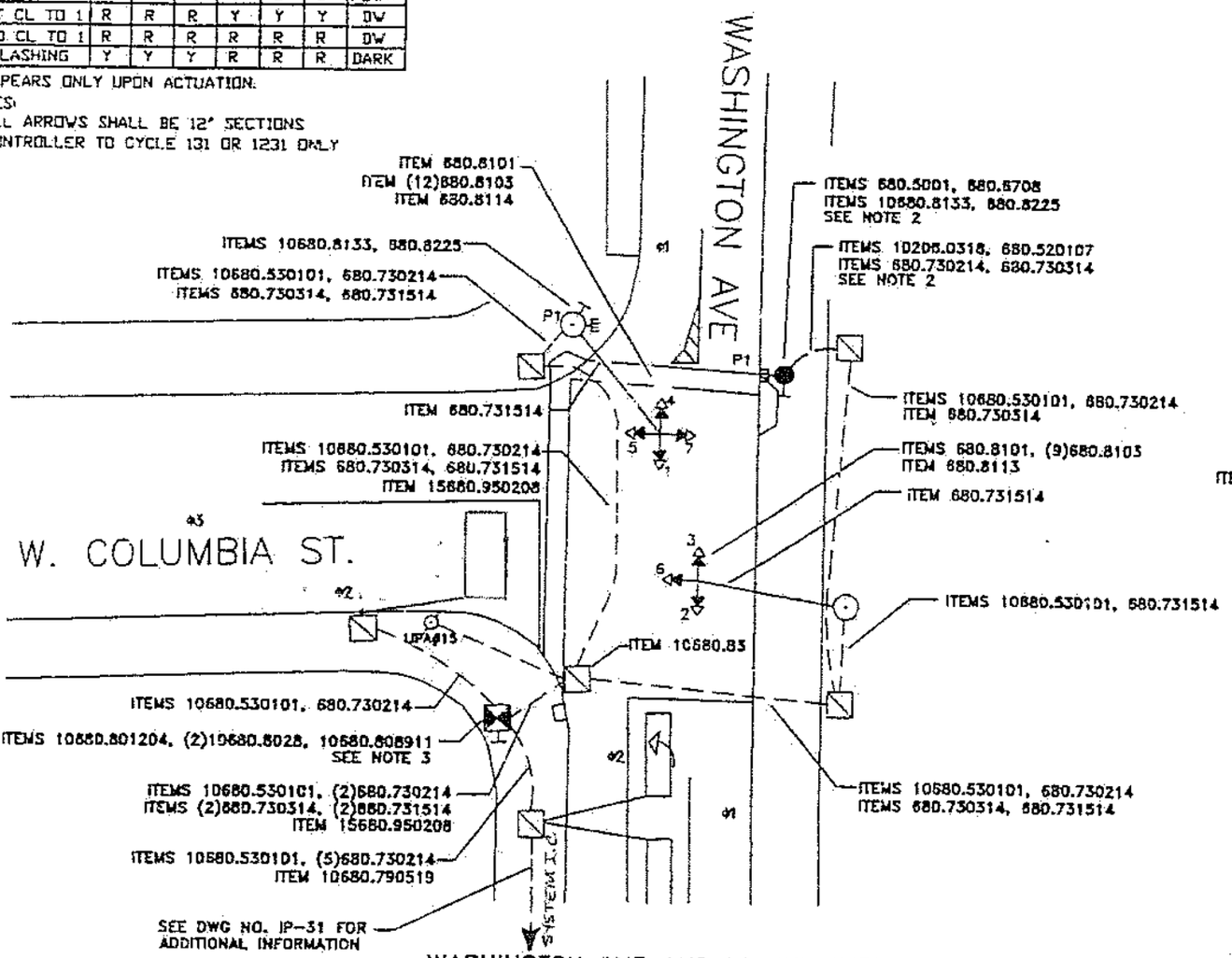
ALL ARROWS SHALL BE 12" SECTIONS

CONTROLLER TO CYCLE 131 OR 1231 ONLY

PHASING DIAGRAM

N.C. SEQUENCE





WASHINGTON AVE AND W. COLUMBIA AVE
SIGNAL No. 3766

ITES:

SEE "TABLE OF TRAFFIC SIGNAL EQUIPMENT REMOVAL – SIGNAL" ON DWG NO. MT-4 FOR SPECIFIC QUANTITIES AND EQUIPMENT TO BE REMOVED UNDER ITEM 10680.79.

THE CONTRACTOR SHALL PERFORM THE FOLLOWING:

A. UNDER ITEM 10680.79, REMOVE THE EXISTING PUSHBUTTON, 4' POST, AND FOUNDATION.

B. UNDER THE SPECIFIED ITEMS, INSTALL THE FOUNDATION, 8' POST PUSHBUTTON, AND PED SIGNAL IN THE SAME LOCATION AS THE EXISTING PUSHBUTTON AND 4' POST.

C. UNDER ITEM 680.520107, CONNECT THE CONDUIT BEND IN THE PROPOSED FOUNDATION TO THE EXISTING CONDUIT USING THE SPECIFIED 2 1/2" DIA CONDUIT AS REQUIRED.

D. UNDER ITEM 10206.0318, BACKFILL AND RESTORE THE EXISTING CONCRETE SIDEWALK.

E. UNDER ITEM 680.730214 & 680.730314, TERMINATE THE PROPOSED 2C#14 & 3C#14 CABLES TO THE PROPOSED PUSHBUTTON AND PED SIGNAL.

3. THE CONTRACTOR SHALL INSTALL THE PROPOSED CONTROLLER CABINET ON THE EXISTING FOUNDATION.

ITEMS

ITEMS

ITEMS

NI

ITEMS 1068

ITEMS

ITEM
10206.0
680.500
680.520
10680.5
680.670
680.700
680.700
680.730
680.730
680.731
680.731
10680.7
10680.8
10680.8
10680.9
10680.8
680.8
680.8
680.8
680.8
10680.8
680.8
10680
15680.9