Traffic Impact Study Attachments Attachment U – Parking Analysis



# Attachment U

## **Parking Analysis**





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#### **U.** Parking Analysis

U-1 2030 Full Build U-2 2027 Phase 1





**U** Parking Analysis

U-1 2030 Full Build



Use	85th Percentile Rate	Variable (KSF/Seats/ Etc)	Total	ITE Land Use Code
Retail	4.44	31.2	139	820
Restaurant	19.66	48.94	962	931
Resort Hotel	0.87	2288	1991	330
Casino Patrons	2.50	393.726	983	
Casino Employees	2.53	393.726	996	
Public Attraction	3.17	60	190	
Theater	0.52	4500	2340	441
Meetings/Conference	1.68	234.653	395	

Weekday - Full Build
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Utilizes ITE Parking Generation Manual, 6th Edition Green Rates: Yellow: Yellow:

Total parking determined based on Weekday Autos Ins/Outs Estimates starting parking occupancy at 6:00 a.m. developed assuming all entering vehicles from midnight to 6:00 a.m. are present at Start - parking rates based on square footage

		Hotel		Casino Patrons	Casin	o Employees	Co	onvention Center	Q	uality Restaurant	Pub	olic Attraction		Retail		Theater	
	Rate	Rooms	Rate	KSF	Rate	KSF	Rate	KSF	Rate	KSF	Rate	KSF	Rate	KSF	Rate	Seats	Total Demand
Weekday	0.87	2288	2.50	393.726	2.53	393.726	1.68	234.653	19.66	48.94	3.17	60	4.44	31.2	0.52	4500	rotar bennand
	Ca	Iculated Parking Demand	Cal	culated Parking Demand	Calculated	Parking Demand	Calcula	ited Parking Demand	Calcul	lated Parking Demand	Calculate	ed Parking Demand	Calculat	ed Parking Demand	Calcu	lated Parking Demand	
		1991		983		996		395		962		190		139		2340	7995

Use	85th Percentile Rate	Variable (KSF/Seats/ Etc)	Total	ITE Land Use Code
Retail	5.45	31.2	170	820
Restaurant	22.41	48.94	1097	931
Resort Hotel	0.87	2288	1991	330
Casino Patrons	3.87	393.726	1522	
Casino Employees	2.94	393.726	1157	
Public Attraction	3.17	60	190	
Theater	0.52	4500	2340	441
Meetings/Conference	1.68	234.653	395	

Utilizes ITE Parking Generation Manual, 6th Edition Green Rates: Yellow: Yellow:

Total parking determined based on Weekday Autos Ins/Outs Estimates starting parking occupancy at 6:00 a.m. developed assuming all entering vehicles from midnight to 6:00 a.m. are present at Start - parking rates based on square footage

		Hotel		Casino Patrons	Casin	o Employees	Co	onvention Center	q	uality Restaurant	Pu	blic Attraction		Retail		Theater	
	Rate	Rooms	Rate	KSF	Rate	KSF	Rate	KSF	Rate	KSF	Rate	KSF	Rate	KSF	Rate	Seats	Total Demand
Friday	0.87	2288	3.87	393.726	2.94	393.726	1.68	234.653	22.41	48.94	3.17	60	5.45	31.2	0.52	4500	rotar bennand
	Ca	Iculated Parking Demand	Cal	culated Parking Demand	Calculated	Parking Demand	Calcula	ited Parking Demand	Calcul	ated Parking Demand	Calculate	ed Parking Demand	Calculat	ed Parking Demand	Calcu	lated Parking Demand	
		1991		1522		1157		395		1097		190		170		2340	8861

Use	85th Percentile Rate	Variable (KSF/Seats/ Etc)	Total	ITE Land Use Code
Retail	4.36	31.2	136	820
Restaurant	27.35	48.94	1339	931
Resort Hotel	0.98	2288	2242	330
Casino Patrons	7.71	393.726	3035	
Casino Employees	2.94	393.726	1159	
Public Attraction	3.17	60	190	
Theater	0.52	4500	2340	441
Meetings/Conference	0.51	234.653	120	

Green Rates: Utilizes ITE Parking Generation Manual, 6th Edition Yellow: Yellow:

Total parking determined based on Weekday Autos Ins/Outs Estimates starting parking occupancy at 6:00 a.m. developed assuming all entering vehicles from midnight to 6:00 a.m. are present at Start - parking rates based on square footage

		Hotel	c	asino Patrons	Casin	o Employees	Co	onvention Center	q	uality Restaurant	Pub	olic Attraction		Retail		Theater	
	Rate	Rooms	Rate	KSF	Rate	KSF	Rate	KSF	Rate	KSF	Rate	KSF	Rate	KSF	Rate	Seats	Total Demand
Saturday	0.98	2288	7.71	393.726	2.94	393.726	0.51	234.653	27.35	48.94	3.17	60	4.36	31.2	0.52	4500	Total Demand
	Calcul	ated Parking Demand	Calculat	ed Parking Demand	Calculated	Parking Demand	Calcula	ited Parking Demand	Calcul	ated Parking Demand	Calculate	ed Parking Demand	Calcu	ulated Parking Demand	Calcul	lated Parking Demand	
		2242		3035		1159		120		1339		190		136		2340	10561



### **U** Parking Analysis

U-2 2027 Phase I



Use	85th Percentile Rate	Variable (KSF/Seats /Etc)	Total	ITE Land Use Code
Retail	4.44	1.2	5	820
Restaurant	19.66	17.2	338	931
Resort Hotel	0.87	618	538	330
Casino Patrons	2.49	129.071	322	
Casino Employees	1.81	129.071	234	
Public Attraction	0.00	0	0	
Theater	0.52	0	0	441
MICE	0.00	0	0	

Weekday - Phase I

Green Rates: Utilizes ITE Parking Generation Manual, 6th Edition

Yellow: Yellow:

Total parking determined based on Weekday Autos ins/Outs Estimates starting parking occupancy at 6:00 a.m. developed assuming all entering vehicles from midnight to 6:00 a.m. are present at Start - parking rates based on square footage

		Hotel		Casino Patrons	Cas	sino Employees		Convention Center	Qu	ality Restaurant	1	Public Attraction		Retail		Theater	
	Rate	Rooms	Rate	KSF	Rate	KSF	Rate	KSF	Rate	KSF	Rate	KSF	Rate	KSF	Rate	Seats	
	0.87	618	2.49	129.071	1.81	129.071	0.00	0	19.66	17.2	0.00	0	4.44	1.2	0.52	0	Total Demand
Weekday	Calcul	ated Parking Demand	Ca	Iculated Parking Demand	Calculat	ed Parking Demand	Cal	culated Parking Demand	Calcula	ted Parking Demand	Calcul	lated Parking Demand	Calcu	lated Parking Demand	Calco	ulated Parking Demand	
		538		322		234		0		338		0		5		0	1437

Use	85th Percentile Rate	Variable (KSF/Seats /Etc)	Total	ITE Land Use Code
Retail	5.45	1.2	7	820
Restaurant	22.41	17.2	385	931
Resort Hotel	0.87	618	538	330
Casino Patrons	3.87	129.071	499	
Casino Employees	2.94	129.071	379	
Public Attraction	3.17	0	0	
Theater	0.52	0	0	441
MICE	1.68	0	0	

Friday - Phase I

Green Rates: Utilizes ITE Parking Generation Manual, 6th Edition

Yellow: Yellow:

Total parking determined based on Weekday Autos ins/Outs Estimates starting parking occupancy at 6:00 a.m. developed assuming all entering vehicles from midnight to 6:00 a.m. are present at Start - parking rates based on square footage

	Hotel		Casino Patrons		Casino Employees		Convention Center		Quality Restaurant		Public Attraction		Retail		Theater		
	Rate	Rooms	Rate	KSF	Rate	KSF	Rate	KSF	Rate	KSF	Rate	KSF	Rate	KSF	Rate	Seats	
Friday	0.87	618	3.87	129.071	2.94	129.071	1.68	0	22.41	17.2	3.17	0	5.45	1.2	0.52	0	Total Demand
	Calculated Parking Demand		Calculated Parking Demand		Calculated Parking Demand		Calculated Parking Demand		Calculated Parking Demand		Calculated Parking Demand		Calculated Parking Demand		Calculated Parking Demand		
		538	499		379		0		385		0		7		0		1808

Use	85th Percentile Rate	Variable (KSF/Seats /Etc)	Total	ITE Land Use Code				
Retail	4.36	1.2	5	820				
Restaurant	27.35	17.2	470	931				
Resort Hotel	0.98	618	606	330				
Casino Patrons	7.72	129.071	996					
Casino Employees	2.23	129.071	288					
Public Attraction	0.00	0	0					
Theater	0.52	0	0	441				
MICE	0.00	0	0					

Saturday - Phase I

Green Rates: Utilizes ITE Parking Generation Manual, 6th Edition

Yellow: Yellow:

Total parking determined based on Weekday Autos ins/Outs Estimates starting parking occupancy at 6:00 a.m. developed assuming all entering vehicles from midnight to 6:00 a.m. are present at Start - parking rates based on square footage

Saturday	Hotel		Casino Patrons		Casino Employees		Convention Center		Quality Restaurant		Public Attraction		Retail		Theater		
	Rate	Rooms	Rate	KSF	Rate	KSF	Rate	KSF	Rate	KSF	Rate	KSF	Rate	KSF	Rate	Seats	
	0.98	618	7.72	129.071	2.23	129.071	0.00	0	27.35	17.2	0.00	0	4.36	1.2	0.52	0	Total Demand
	Calculated Parking Demand		Calculated Parking Demand		Calculated Parking Demand		Calculated Parking Demand		Calculated Parking Demand		Calculated Parking Demand		Calculated Parking Demand		Calculated Parking Demand		
	606		996		288		0		470		0		5		0		2365



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