

Land Use		A٨	1 Peak Hou	Jr	PN	r	
	Daily	ln	Out	Total	ln	Out	Total
Downtown Area							
State Street Village	5,409	494	308	800	235	242	474
The Grand Apartments	704	1 <i>7</i>	41	57	55	37	91
City Center Mixed-Use	948	28	45	72	<i>57</i>	41	98
Future Projects	3,188	11 <i>7</i>	90	206	130	138	266
Total Downtown Village	10,249	656	484	1,135	477	458	929
University Village							
University's and Future Projects	6,003	306	90	394	197	276	472
New York Street Village							
Future Projects	3,236	278	92	367	136	281	414

19,487

Total Transit Villages Specific Plan Trip Generation

1,240

1,896

666

810

1,015

1,816

Table 2.	State St	reet Villag	e Trin Ge	eneration

				AN	1 Peak Hou	Jr	PM Peak Hour		
Land Use		Units	Daily	ln	Out	Total	ln	Out	Total
Proposed Project Trip Rate									
Multifamily Housing (Mid-Rise) ¹		DU	4.75	0.18	0.14	0.32	0.12	0.17	0.29
Shopping Plaza without Supermarket ²		TSF	67.52	1.07	0.66	1.73	2.54	2.65	5.19
Pharmacy/Drugstore with Drive-Through Window ³		TSF	108.40	1.94	1.80	3.74	5.13	5.13	10.25
Fine Dining Restaurant ⁴		TSF	83.84	0.40	0.33	0.73	5.23	2.57	7.80
High-Turnover (Sit-Down Restaurant) ⁵		TSF	107.20	5.26	4.31	9.57	5.52	3.53	9.05
Fast-Food Restaurant without Drive-Through Window ⁶		TSF	450.49	25.04	18.14	43.18	16.61	16.61	33.21
Office ⁷		TSF	10.84	1.34	0.18	1.52	0.24	1.20	1.44
Proposed Project Trip Generation									
Multifamily Housing (Mid-Rise)	723	DU	3,435	130	102	232	91	120	210
Internal Capture ⁸ :			(1,104)	(10)	(22)	(32)	(57)	(44)	(101)
Residential Subtotal			2,331	120	80	200	34	76	109
Shopping Plaza without Supermarket	39.000	TSF	2,634	42	26	68	100	104	203
Internal Capture ⁸ :			(971)	(5)	(5)	(10)	(62)	(55)	(11 <i>7</i>)
Pass-By (34% PM/Daily) ⁹ :			(1,226)	-	-	-	(15)	(15)	(29)
Pharmacy/Drugstore with Drive-Through window	14.500	TSF	1,572	29	27	55	75	75	149
Internal Capture ⁸ :			(579)	(3)	(6)	(9)	(47)	(40)	(87)
Pass-By (49% PM/Daily) ⁹ :			(1,054)	-	-		(15)	(15)	(31)
Retail Subtotal			377	63	42	104	36	54	88
Fine Dining Restaurant	2.200	TSF	185	1	1	2	12	6	18
Internal Capture ⁸ :			(29)	(O)	(0)	(0)	(3)	(2)	(4)
Pass-By (41% PM/Daily) ⁹ :			(88)	-	-	-	(3)	(3)	(6)
High-Turnover (Sit-Down) Restaurant	16.000	TSF	1,716	85	69	154	89	57	145
Internal Capture ⁸ :			(269)	(5)	(3)	(8)	(19)	(18)	(37)
Pass-By (43% PM/Daily) ⁹ :			(854)	-	-	-	(23)	(23)	(46)
Fast-Food Restaurant without Drive-Through Window	16.000	TSF	7,208	401	291	691	266	266	532
Internal Capture ⁸ :			(1,131)	(23)	(12)	(35)	(57)	(84)	(141)
Pass-By (49% AM; 50% PM/Daily) ⁹ :			(4,170)	(161)	(161)	(321)	(98)	(98)	(196)
Restaurant Subtotal			2,569	298	185	483	165	101	265
Office	12.222	TSF	133	1 <i>7</i>	3	19	3	15	18
Internal Capture ⁸ :				(4)	(2)	(6)	(3)	(4)	(7)
Office Subtotal			133	13	1	13	-	11	11

TSF = Thousand Square Feet

¹ Trip rates from the Institute of Transportation Engineers, Trip Generation, 11th Edition, 2021. Land Use Code 221 - Multifamily Housing (Mid-Rise, between 4 and 10 floors). Rates are used for projects close to rail transit.

² Trip rates from the Institute of Transportation Engineers, Trip Generation, 11th Edition, 2021. Land Use Code 821 - Shopping Plaza (40-150k) without Supermarket.

³ Trip rates from the Institute of Transportation Engineers, Trip Generation, 11th Edition, 2021. Land Use Code 881 Pharmacy/Drugstore with Drive-Through Window.

⁴ Trip rates from the Institute of Transportation Engineers, *Trip Generation*, 11th Edition, 2021. Land Use Code 931 - Fine Dining Restaurant. There is no directional distribution for AM peak hour, therefore the directional distribution from ITE 932 - High-Turnover (Sit-Down) Restaurant was used.

⁵ Trip rates from the Institute of Transportation Engineers, Trip Generation, 11th Edition, 2021. Land Use Code 932 - High-Turnover (Sit-Down) Restaurant.

⁶ Trip rates from the Institute of Transportation Engineers, Trip Generation, 11th Edition, 2021. Land Use Code 933 - Fast-Food Restaurant without Drive-Through Window.

⁷ Trip rates from the Institute of Transportation Engineers, *Trip Generation*, 11th Edition, 2021. Land Use Code 710 - General Office Building.

⁸ Internal capture calculated using the NCHRP 684 Internal Trip Capture Estimation Tool.

 $^{^{9}}$ Pass-by percentages from the ITE Trip Generation Handbook, 3rd Edition (2017).

				A۸	1 Peak Ho	ur	PM Peak Hour		
Land Use		Units	Daily	In	Out	Total	ln	Out	Total
Proposed Project Trip Rate									
Multifamily Housing (Low-Rise) ¹		DU	4.72	0.11	0.27	0.38	0.37	0.24	0.61
Proposed Project Trip Generation									
Multifamily Housing (Low-Rise)	149	DU	704	1 <i>7</i>	41	57	55	37	91
Total Trip Generation			704	17	41	57	55	37	91

TSF = Thousand Square Feet

¹ Trip rates from the Institute of Transportation Engineers, *Trip Generation*, 11th Edition, 2021. Land Use Code 221 - Multifamily Housing (Low-Rise, less than 3 floors). Rates are used for projects close to rail transit.

				A٨	Λ Peak Ho	Jr	PM Peak Hour		
Land Use		Units	Daily	ln	Out	Total	ln	Out	Total
Proposed Project Trip Rate									
Multifamily Housing (Low-Rise) ¹		DU	4.72	0.11	0.27	0.38	0.37	0.24	0.61
Shopping Plaza without Supermarket ²		TSF	67.52	1.07	0.66	1.73	2.54	2.65	5.19
Proposed Project Trip Generation									
Multifamily Housing (Low-Rise)	138	DU	652	16	38	53	51	34	85
Internal Capture	e ³ :		(83)	-	-	-	(9)	(5)	(14)
Shopping Plaza without Supermarket	10.430	TSF	705	12	7	19	27	28	55
Internal Capture	e ⁴ :		(64)	-	-	-	(5)	(9)	(14)
Pass-By (34% PM/Daily)9:		(261)	-	-	-	(7)	(7)	(14)
Total Net Trip Generation			948	28	45	72	57	41	98

TSF = Thousand Square Feet

¹ Trip rates from the Institute of Transportation Engineers, *Trip Generation*, 11th Edition, 2021. Land Use Code 221 - Multifamily Housing (Low-Rise, less than 3 floors). Rates are used for projects close to rail transit.

² Trip rates from the Institute of Transportation Engineers, *Trip Generation*, 11th Edition, 2021. Land Use Code 821 - Shopping Plaza (40-150k) without Supermarket.

 $^{^{3}}$ Internal capture calculated using the NCHRP 684 Internal Trip Capture Estimation Tool.

 $^{^{\}rm 4}$ Pass-by percentages from the ITE Trip Generation Handbook, 3rd Edition (2017).

Table 5. Downtown Village Future Projects Trip Generation				A A	1 Peak Hou	_	DA	l Dank Han	
			Daily				PM Peak Hour		
Land Use		Units	Daily	In	Out	Total	In	Out	Total
<u>Proposed Project Trip Rate</u>									
Multifamily Housing (Low-Rise) ¹		DU	4.72	0.11	0.27	0.38	0.37	0.24	0.61
Shopping Plaza without Supermarket ²		TSF	67.52	1.07	0.66	1.73	2.54	2.65	5.19
Office ³		TSF	10.84	1.34	0.18	1.52	0.24	1.20	1.44
Proposed Project Trip Generation									
Multifamily Housing (Low-Rise)	163	DU	<i>77</i> 0	18	44	62	60	40	100
Internal Capture ⁴ :			(189)	-	(1)	(1)	(29)	(19)	(48)
Residential Subtotal			581	18	43	61	31	21	52
Shopping Plaza without Supermarket	66.070	TSF	4,462	71	44	115	169	175	343
Internal Capture4:			(384)	(1)	(1)	(2)	(23)	(30)	(53)
Pass-By (34% PM/Daily) ⁵ :			(1,648)	-	-	-	(49)	(49)	(99)
Retail Subtotal			2,430	70	43	113	97	96	191
Office	23.000	TSF	250	31	5	35	6	28	34
Internal Capture ⁴ :			(74)	(2)	(1)	(3)	(4)	(7)	(11)
Office Subtotal			176	29	4	32	2	21	23
Total Net Trip Generation			3,188	117	90	206	130	138	266

TSF = Thousand Square Feet

¹ Trip rates from the Institute of Transportation Engineers, *Trip Generation*, 11th Edition, 2021. Land Use Code 221 - Multifamily Housing (Low-Rise, less than 3 floors). Rates are used for projects close to rail transit.

² Trip rates from the Institute of Transportation Engineers, *Trip Generation*, 11th Edition, 2021. Land Use Code 821 - Shopping Plaza (40-150k) without Supermarket.

³ Trip rates from the Institute of Transportation Engineers, *Trip Generation,11th Edition, 2021*. Land Use Code 710 - General Office Building.

 $^{^{\}rm 4}$ Internal capture calculated using the NCHRP 684 Internal Trip Capture Estimation Tool.

 $^{^{\}rm 5}$ Pass-by percentages from the ITE Trip Generation Handbook, 3rd Edition (2017).

Table 6. University Village Projects Trip Generation					4 D 1 11		DA				
					1 Peak Hou		PM Peak Hour				
Land Use		Units	Daily	ln	Out	Total	ln	Out	Total		
<u>Proposed Project Trip Rate</u>											
Multifamily Housing (Mid-Rise) ¹		DU	4.75	0.18	0.14	0.32	0.12	0.17	0.29		
Shopping Plaza without Supermarket ²		TSF	67.52	1.07	0.66	1.73	2.54	2.65	5.19		
Office ³		TSF	10.84	1.34	0.18	1.52	0.24	1.20	1.44		
Proposed Project Trip Generation											
Multifamily Housing (Mid-Rise)	1,050	DU	4,988	189	148	336	131	174	305		
Internal Capture ⁴ :			(1,623)	(4)	(105)	(109)	(56)	(25)	(81)		
Residential Subtotal			3,365	185	43	227	75	1 49	224		
Shopping Plaza without Supermarket	80.000	TSF	5,402	86	53	139	204	212	416		
Internal Capture4:			(844)	(3)	(10)	(13)	(27)	(57)	(84)		
Pass-By (34% PM/Daily) ⁵ :			(2,124)	-	-	-	(56)	(56)	(113)		
Retail Subtotal			2,435	83	43	126	121	99	219		
Office	30.000	TSF	326	41	6	46	8	36	44		
Internal Capture ⁴ :			(123)	(3)	(2)	(5)	(7)	(8)	(15)		
Office Subtotal			203	38	4	41	1	28	29		
Total Net Trip Generation			6,003	306	90	394	197	276	472		

TSF = Thousand Square Feet

¹ Trip rates from the Institute of Transportation Engineers, Trip Generation, 11th Edition, 2021. Land Use Code 221 - Multifamily Housing (Mid-Rise, between 4 and 10 floors). Rates are used for projects close to rail transit.

² Trip rates from the Institute of Transportation Engineers, *Trip Generation*, 11th Edition, 2021. Land Use Code 821 - Shopping Plaza (40-150k) without Supermarket.

³ Trip rates from the Institute of Transportation Engineers, *Trip Generation*, 11th Edition, 2021. Land Use Code 710 - General Office Building.

 $^{^{\}rm 4}$ Internal capture calculated using the NCHRP 684 Internal Trip Capture Estimation Tool.

⁵ Pass-by percentages from the ITE Trip Generation Handbook, 3rd Edition (2017).

				AM Peak Hour			PM Peak Hour		
Land Use		Units	Daily	ln	Out	Total	In	Out	Total
<u>Proposed Project Trip Rate</u>									
Multifamily Housing (Low-Rise) ¹		DU	4.72	0.11	0.27	0.38	0.37	0.24	0.61
Shopping Plaza without Supermarket ²		TSF	67.52	1.07	0.66	1.73	2.54	2.65	5.19
Office ³		TSF	10.84	1.34	0.18	1.52	0.24	1.20	1.44
Proposed Project Trip Generation									
Multifamily Housing (Low-Rise)	200	DU	944	23	54	76	74	49	122
Internal Capture ⁴ :			(148)	-	(2)	(2)	(27)	(11)	(38
Residential Subtotal			796	23	52	74	47	38	84
Shopping Plaza without Supermarket	35.000	TSF	2,364	38	24	61	90	93	182
Internal Capture4:			(598)	(10)	(7)	(1 <i>7</i>)	(16)	(26)	(42
Pass-By (34% PM/Daily) ⁵ :			(1,007)	-	-	-	(24)	(24)	(48
Retail Subtotal			759	28	17	44	50	43	92
Office	175.000	TSF	1 , 897	235	32	266	43	210	252
Internal Capture ⁴ :			(216)	(8)	(9)	(1 <i>7</i>)	(4)	(10)	(14
Office Subtotal			1,681	227	23	249	39	200	238

Total Net Trip GenerationTSF = Thousand Square Feet

3,236

278

92

367

136

281

414

¹ Trip rates from the Institute of Transportation Engineers, Trip Generation, 11th Edition, 2021. Land Use Code 221 - Multifamily Housing (Low-Rise, less than 3 floors). Rates are used for projects close to rail transit.

² Trip rates from the Institute of Transportation Engineers, *Trip Generation*, 11th Edition, 2021. Land Use Code 821 - Shopping Plaza (40-150k) without Supermarket.

³ Trip rates from the Institute of Transportation Engineers, *Trip Generation*, 11th Edition, 2021. Land Use Code 710 - General Office Building.

 $^{^{\}rm 4}$ Internal capture calculated using the NCHRP 684 Internal Trip Capture Estimation Tool.

 $^{^{\}rm 5}$ Pass-by percentages from the ITE Trip Generation Handbook, 3rd Edition (2017).