Appendix G

Construction Noise Modeling Input/Output & Traffic Noise Modeling Input/Output

To User: bordered cells are inputs, unbordered cells have formulae

noise level limit for construction phase, per FTA daytime residential land use guidance = 80

allowable hours over which Leq is to be averaged (example: 8 for FTA guidance) = 8

Construction Phase	Equipment	Total Equipment Qty	AUF % (from FHWA RCNM)	Reference Lmax @ 50 ft. from FHWA RCNM	Client Equipment Description, Data Source and/or Notes	Source to NSR Distance (ft.)	Distance-Adjusted Lmax	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 8-hour Leq
Demolition	Concrete Saw	1	20	90		110	83.2	8	480	76
	Excavator	3	40	81		110	74.2	8	480	75
	Dozer	2	40	82		110	75.2	8	480	74
							Total for Demolition Phase:			**79.9**
Site Preparation	Dozer	3	40	82		90	76.9	8	480	78
	Backhoe	2	40	78		90	72.9	8	480	72
	Front End Loader	2	40	79		90	73.9	8	480	73
							Total for Site Preparation Phase:			**79.7**
Grading	Excavator	2	40	81		120	73.4	8	480	72
	Grader	1	40	85		120	77.4	8	480	73
	Dozer	1	40	82		120	74.4	8	480	70
	Front End Loader	1	40	79		120	71.4	8	480	67
	Backhoe	1	40	78		120	70.4	8	480	66
	Scraper	2	40	84		120	76.4	8	480	75
							Total for Grading Phase:			**79.8**
Building Construction	Crane	1	16	81		60	79.4	7	420	71
	Man Lift	3	20	75		60	73.4	8	480	71
	Generator	1	50	72		60	70.4	8	480	67
	Backhoe	1	40	78		60	76.4	7	420	72
	Front End Loader	2	40	79		60	77.4	7	420	76
	Welder / Torch	1	40	73		60	71.4	8	480	67
							Total for Building Construction Phase:			**79.6**
Architectural Coating	Compressor (air)	1	40	78		25	84.0	6	360	79
							Total for Architectural Coating Phase:			**78.8**
Paving	Paver	2	50	77		105	70.6	8	480	71
	Roller	2	20	80		105	73.6	8	480	70
	All Other Equipment > 5 HP	2	50	85		105	78.6	8	480	79
							Total for Paving Phase:			**79.6**

To User: bordered cells are inputs, unbordered cells have formulae

noise level limit for construction phase, per FTA daytime commercial land use guidance = 85

allowable hours over which Leq is to be averaged (example: 8 for FTA guidance) = 8

Construction Phase	Equipment	Total Equipment Qty	AUF % (from FHWA RCNM)	Reference Lmax @ 50 ft. from FHWA RCNM	Client Equipment Description, Data Source and/or Notes	Source to NSR Distance (ft.)	Distance-Adjusted Lmax	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 8-hour Leq
Demolition	Concrete Saw	1	20	90		65	87.7	8	480	81
	Excavator	3	40	81		65	78.7	8	480	80
	Dozer	2	40	82		65	79.7	8	480	79
							Total for Demolition Phase:			**84.5**
Site Preparation	Dozer	3	40	82		50	82.0	8	480	83
	Backhoe	2	40	78		50	78.0	8	480	77
	Front End Loader	2	40	79		50	79.0	8	480	78
							Total for Site Preparation Phase:			**84.8**
Grading	Excavator	2	40	81		70	78.1	8	480	77
	Grader	1	40	85		70	82.1	8	480	78
	Dozer	1	40	82		70	79.1	8	480	75
	Front End Loader	1	40	79		70	76.1	8	480	72
	Backhoe	1	40	78		70	75.1	8	480	71
	Scraper	2	40	84		70	81.1	8	480	80
							Total for Grading Phase:			**84.5**
Building Construction	Crane	1	16	81		35	84.1	7	420	76
	Man Lift	3	20	75		35	78.1	8	480	76
	Generator	1	50	72		35	75.1	8	480	72
	Backhoe	1	40	78		35	81.1	7	420	77
	Front End Loader	2	40	79		35	82.1	7	420	81
	Welder / Torch	1	40	73		35	76.1	8	480	72
							Total for Building Construction Phase:			**84.2**
Architectural Coating	Compressor (air)	1	40	78		15	88.5	6	360	83
							Total for Architectural Coating Phase:			**83.2**
Paving	Paver	2	50	77		60	75.4	8	480	75
	Roller	2	20	80		60	78.4	8	480	74
	All Other Equipment > 5 HP	2	50	85		60	83.4	8	480	83
							Total for Paving Phase:			**84.5**

INPUT: ROADWAYS **<Project Name?>**

<Organization?>					**10 February 2020**						
<Analysis By?>					**TNM 2.5**						
INPUT: ROADWAYS								**Average pavement type shall be used unless**			
PROJECT/CONTRACT:	**<Project Name?>**							**a State highway agency substantiates the use**			
RUN:	**<Run Title?>**							**of a different type with the approval of FHWA**			
Roadway		**Points**									
Name	**Width**	**Name**	**No.**	**Coordinates (pavement)**			**Flow Control**			**Segment**	
				X	**Y**	**Z**	**Control Device**	**Speed Constraint**	**Percent Vehicles Affected**	**Pvmt Type**	**On Struct?**
	ft			ft	ft	ft		mph	%		
Main Street, Center Street to Garner Roa	70.0	point14	14	1,530,489.0	12,348,964.0	0.00				Average	
		point15	15	1,530,509.4	12,349,170.0	0.00				Average	
		point16	16	1,530,510.8	12,349,184.0	0.00				Average	
		point17	17	1,530,513.1	12,349,209.0	0.00				Average	
		point18	18	1,530,527.2	12,349,399.0	0.00				Average	
		point19	19	1,530,528.9	12,349,422.0	0.00				Average	
		point20	20	1,530,553.8	12,349,760.0	0.00				Average	
		point21	21	1,530,569.6	12,349,977.0	0.00				Average	
		point22	22	1,530,587.1	12,350,216.0	0.00					
Roadway4	12.0	point23	23	1,530,489.0	12,348,964.0	0.00				Average	
		point24	24	1,530,509.0	12,348,913.0	0.00				Average	
		point25	25	1,530,484.8	12,348,609.0	0.00					
Center Street, Main Street to Orange Str	48.0	point52	52	1,530,587.1	12,350,216.0	0.00				Average	
		point53	53	1,531,149.1	12,350,219.0	0.00				Average	
		point54	54	1,531,563.2	12,350,224.0	0.00				Average	
		point55	55	1,532,050.8	12,350,239.0	0.00				Average	
		point56	56	1,532,780.4	12,350,236.0	0.00				Average	
		point57	57	1,533,305.9	12,350,235.0	0.00				Average	
		point58	58	1,533,726.4	12,350,233.0	0.00				Average	
		point59	59	1,534,131.2	12,350,143.0	0.00				Average	
		point60	60	1,534,561.4	12,349,949.0	0.00					
Center Street, Orange Street to Stephen	48.0	point61	61	1,536,216.9	12,349,094.0	0.00				Average	
		point62	62	1,535,993.2	12,349,215.0	0.00				Average	
		point63	63	1,535,788.1	12,349,326.0	0.00				Average	
		point64	64	1,535,594.4	12,349,439.0	0.00				Average	

INPUT: ROADWAYS **<Project Name?>**

		point65	65	1,535,258.0	12,349,643.0	0.00				Average	
		point66	66	1,535,023.0	12,349,778.0	0.00				Average	
		point67	67	1,534,563.1	12,349,948.0	0.00					
Center Street, Stephens Avenue to High	48.0	point68	68	1,536,639.0	12,348,775.0	0.00				Average	
		point69	69	1,536,498.6	12,348,880.0	0.00				Average	
		point70	70	1,536,217.8	12,349,093.0	0.00					
Columbia Avenue, Main Street to Orange	78.0	point97	97	1,530,707.8	12,345,372.0	0.00				Average	
		point98	98	1,530,976.6	12,345,219.0	0.00				Average	
		point99	99	1,531,415.6	12,344,978.0	0.00				Average	
		point100	100	1,531,849.6	12,344,740.0	0.00					
Roadway19	12.0	point101	101	1,530,707.8	12,345,372.0	0.00				Average	
		point102	102	1,530,447.8	12,345,521.0	0.00					
Roadway20	12.0	point103	103	1,530,447.8	12,345,521.0	0.00				Average	
		point104	104	1,530,250.2	12,345,633.0	0.00					
Roadway21	12.0	point105	105	1,527,794.0	12,347,010.0	0.00				Average	
		point106	106	1,527,930.1	12,346,936.0	0.00				Average	
		point107	107	1,528,068.8	12,346,863.0	0.00				Average	
		point108	108	1,528,570.6	12,346,574.0	0.00				Average	
		point109	109	1,528,814.0	12,346,441.0	0.00				Average	
		point110	110	1,529,775.0	12,345,886.0	0.00				Average	
		point111	111	1,529,883.2	12,345,830.0	0.00					
Roadway22	12.0	point112	112	1,529,963.0	12,345,788.0	0.00				Average	
		point113	113	1,530,059.5	12,345,731.0	0.00				Average	
		point114	114	1,530,210.9	12,345,656.0	0.00					
Roadway25	12.0	point121	121	1,532,078.5	12,344,607.0	0.00				Average	
		point122	122	1,531,954.2	12,344,682.0	0.00					
Roadway27	12.0	point125	125	1,533,367.9	12,344,064.0	0.00				Average	
		point126	126	1,533,386.4	12,344,098.0	0.00				Average	
		point127	127	1,533,400.8	12,344,124.0	0.00				Average	
		point128	128	1,533,447.2	12,344,209.0	0.00				Average	
		point129	129	1,533,512.4	12,344,329.0	0.00					
Roadway29	12.0	point133	133	1,533,512.4	12,344,329.0	0.00				Average	
		point134	134	1,533,561.0	12,344,302.0	0.00				Average	
		point135	135	1,533,606.6	12,344,275.0	0.00				Average	
		point136	136	1,533,641.0	12,344,253.0	0.00				Average	
		point137	137	1,533,663.9	12,344,240.0	0.00				Average	
		point138	138	1,533,669.9	12,344,237.0	0.00				Average	
		point139	139	1,533,697.4	12,344,222.0	0.00				Average	
		point140	140	1,533,809.9	12,344,160.0	0.00					

INPUT: ROADWAYS **<Project Name?>**

Roadway30	12.0	point141	141	1,527,081.5	12,345,112.0	0.00				Average	
		point142	142	1,527,055.8	12,345,193.0	0.00				Average	
		point143	143	1,527,026.8	12,345,267.0	0.00				Average	
		point144	144	1,527,004.2	12,345,335.0	0.00				Average	
		point145	145	1,527,004.5	12,345,406.0	0.00				Average	
		point146	146	1,527,037.4	12,345,503.0	0.00				Average	
		point147	147	1,527,074.0	12,345,571.0	0.00				Average	
		point148	148	1,527,282.2	12,345,951.0	0.00				Average	
		point149	149	1,527,327.4	12,346,035.0	0.00				Average	
		point150	150	1,527,342.5	12,346,090.0	0.00				Average	
		point151	151	1,527,348.2	12,346,138.0	0.00				Average	
		point152	152	1,527,349.5	12,346,230.0	0.00				Average	
		point153	153	1,527,352.5	12,346,268.0	0.00				Average	
		point154	154	1,527,361.9	12,346,302.0	0.00				Average	
		point155	155	1,527,376.1	12,346,342.0	0.00				Average	
		point156	156	1,527,492.9	12,346,514.0	0.00				Average	
		point157	157	1,527,646.5	12,346,743.0	0.00				Average	
		point158	158	1,527,794.0	12,347,010.0	0.00					
Roadway31	12.0	point159	159	1,527,081.5	12,345,112.0	0.00				Average	
		point160	160	1,527,140.1	12,345,105.0	0.00				Average	
		point161	161	1,527,708.2	12,344,791.0	0.00				Average	
		point162	162	1,527,996.4	12,344,639.0	0.00				Average	
		point163	163	1,528,343.4	12,344,441.0	0.00				Average	
		point164	164	1,528,814.0	12,344,171.0	0.00				Average	
		point165	165	1,529,035.4	12,344,045.0	0.00					
Roadway32	12.0	point166	166	1,529,079.5	12,344,020.0	0.00				Average	
		point167	167	1,529,255.9	12,343,916.0	0.00					
Orange Street, Columbia Avenue to Stro	42.0	point175	175	1,531,954.2	12,344,682.0	0.00				Average	
		point176	176	1,531,436.6	12,343,736.0	0.00				Average	
		point177	177	1,531,381.0	12,343,640.0	0.00				Average	
		point178	178	1,531,213.9	12,343,336.0	0.00				Average	
		point179	179	1,530,985.6	12,342,935.0	0.00					
Orange Street, Strong Street to Oakley	42.0	point180	180	1,530,350.4	12,341,810.0	0.00				Average	
		point181	181	1,530,373.2	12,341,852.0	0.00				Average	
		point182	182	1,530,409.5	12,341,915.0	0.00				Average	
		point183	183	1,530,640.1	12,342,323.0	0.00				Average	
		point184	184	1,530,670.0	12,342,376.0	0.00				Average	
		point185	185	1,530,801.9	12,342,608.0	0.00				Average	
		point186	186	1,530,985.2	12,342,935.0	0.00					

INPUT: ROADWAYS **<Project Name?>**

Roadway39	12.0	point207	207	1,530,011.0	12,341,210.0	0.00				Average	
		point208	208	1,530,241.9	12,341,618.0	0.00					
Roadway40	12.0	point209	209	1,529,856.2	12,340,919.0	0.00				Average	
		point210	210	1,530,421.9	12,340,602.0	0.00				Average	
		point211	211	1,531,011.8	12,340,271.0	0.00					
Roadway41	12.0	point212	212	1,531,011.8	12,340,271.0	0.00				Average	
		point213	213	1,531,484.2	12,339,997.0	0.00				Average	
		point214	214	1,531,557.0	12,339,958.0	0.00					
Roadway42	12.0	point215	215	1,534,599.9	12,344,952.0	0.00				Average	
		point216	216	1,534,813.1	12,344,948.0	0.00				Average	
		point217	217	1,534,950.8	12,344,946.0	0.00				Average	
		point218	218	1,534,983.5	12,344,946.0	0.00				Average	
		point219	219	1,535,355.0	12,344,942.0	0.00				Average	
		point220	220	1,535,423.9	12,344,942.0	0.00				Average	
		point221	221	1,535,529.2	12,344,949.0	0.00				Average	
		point222	222	1,536,150.4	12,344,943.0	0.00				Average	
		point223	223	1,536,170.0	12,344,943.0	0.00				Average	
		point224	224	1,536,205.1	12,344,940.0	0.00				Average	
		point225	225	1,536,538.6	12,344,935.0	0.00					
Roadway43	12.0	point226	226	1,536,848.6	12,343,617.0	0.00				Average	
		point227	227	1,536,808.4	12,343,617.0	0.00					
Roadway44	12.0	point228	228	1,536,808.4	12,343,617.0	0.00				Average	
		point229	229	1,536,750.9	12,343,618.0	0.00					
Roadway45	12.0	point230	230	1,536,603.5	12,343,616.0	0.00				Average	
		point231	231	1,536,705.6	12,343,616.0	0.00				Average	
		point232	232	1,536,750.9	12,343,618.0	0.00					
Roadway46	12.0	point233	233	1,536,603.5	12,343,616.0	0.00				Average	
		point234	234	1,536,099.5	12,343,618.0	0.00					
Roadway47	12.0	point235	235	1,536,099.5	12,343,618.0	0.00				Average	
		point236	236	1,535,472.4	12,343,631.0	0.00					
Roadway48	12.0	point237	237	1,535,071.1	12,343,643.0	0.00				Average	
		point238	238	1,535,177.9	12,343,645.0	0.00				Average	
		point239	239	1,535,472.4	12,343,631.0	0.00					
Roadway49	12.0	point240	240	1,535,071.1	12,343,643.0	0.00				Average	
		point241	241	1,534,812.2	12,343,644.0	0.00					
Roadway50	12.0	point242	242	1,534,812.2	12,343,644.0	0.00				Average	
		point243	243	1,534,415.1	12,343,640.0	0.00					
Roadway51	12.0	point244	244	1,534,280.4	12,343,638.0	0.00				Average	
		point245	245	1,534,326.9	12,343,639.0	0.00				Average	

INPUT: ROADWAYS **<Project Name?>**

		point246	246	1,534,374.6	12,343,640.0	0.00					
Roadway52	12.0	point247	247	1,534,200.5	12,343,637.0	0.00				Average	
		point248	248	1,534,244.5	12,343,638.0	0.00				Average	
		point249	249	1,534,280.4	12,343,638.0	0.00					
Roadway55	12.0	point257	257	1,536,294.5	12,348,582.0	0.00				Average	
		point258	258	1,536,154.2	12,348,657.0	0.00				Average	
		point259	259	1,536,093.2	12,348,690.0	0.00				Average	
		point260	260	1,536,065.2	12,348,718.0	0.00				Average	
		point261	261	1,536,049.0	12,348,748.0	0.00				Average	
		point262	262	1,536,044.2	12,348,781.0	0.00				Average	
		point263	263	1,536,048.4	12,348,812.0	0.00				Average	
		point264	264	1,536,094.4	12,348,889.0	0.00				Average	
		point265	265	1,536,163.0	12,349,004.0	0.00				Average	
		point266	266	1,536,216.2	12,349,093.0	0.00					
Roadway56	12.0	point267	267	1,530,458.2	12,348,811.0	0.00				Average	
		point268	268	1,530,467.8	12,348,914.0	0.00				Average	
		point269	269	1,530,489.0	12,348,964.0	0.00					
Roadway57	12.0	point270	270	1,530,458.2	12,348,811.0	0.00				Average	
		point271	271	1,530,442.8	12,348,615.0	0.00					
Roadway74	12.0	point321	321	1,530,011.0	12,341,210.0	0.00				Average	
		point322	322	1,529,856.2	12,340,919.0	0.00				Average	
		point323	323	1,529,696.0	12,340,631.0	0.00				Average	
		point324	324	1,529,530.1	12,340,338.0	0.00				Average	
		point325	325	1,529,371.5	12,340,045.0	0.00				Average	
		point326	326	1,529,221.5	12,339,781.0	0.00				Average	
		point327	327	1,529,077.0	12,339,531.0	0.00				Average	
		point328	328	1,529,044.5	12,339,478.0	0.00				Average	
		point329	329	1,528,927.5	12,339,278.0	0.00				Average	
		point330	330	1,528,748.2	12,338,972.0	0.00				Average	
		point331	331	1,528,737.2	12,338,958.0	0.00				Average	
		point332	332	1,528,686.6	12,338,895.0	0.00					
Roadway75	12.0	point333	333	1,526,475.2	12,344,027.0	0.00				Average	
		point334	334	1,526,519.2	12,344,056.0	0.00				Average	
		point335	335	1,526,543.8	12,344,083.0	0.00				Average	
		point336	336	1,526,567.0	12,344,116.0	0.00				Average	
		point337	337	1,526,621.1	12,344,208.0	0.00				Average	
		point338	338	1,526,724.9	12,344,402.0	0.00				Average	
		point339	339	1,526,733.0	12,344,416.0	0.00				Average	
		point340	340	1,526,895.4	12,344,701.0	0.00				Average	

INPUT: ROADWAYS **<Project Name?>**

		point341	341	1,527,028.5	12,344,935.0	0.00				Average	
		point342	342	1,527,068.1	12,345,023.0	0.00				Average	
		point343	343	1,527,081.5	12,345,112.0	0.00					
Roadway78	12.0	point351	351	1,526,684.1	12,343,745.0	0.00				Average	
		point352	352	1,526,734.1	12,343,712.0	0.00				Average	
		point353	353	1,526,828.0	12,343,625.0	0.00					
Roadway79	12.0	point354	354	1,526,902.4	12,343,558.0	0.00				Average	
		point355	355	1,526,828.0	12,343,625.0	0.00					
Roadway80	12.0	point356	356	1,526,902.4	12,343,558.0	0.00				Average	
		point357	357	1,526,908.1	12,343,552.0	0.00				Average	
		point358	358	1,526,974.6	12,343,499.0	0.00				Average	
		point359	359	1,526,992.9	12,343,485.0	0.00				Average	
		point360	360	1,527,010.6	12,343,475.0	0.00				Average	
		point361	361	1,527,915.1	12,342,941.0	0.00				Average	
		point362	362	1,527,938.5	12,342,919.0	0.00				Average	
		point363	363	1,527,961.8	12,342,892.0	0.00					
Roadway81	12.0	point364	364	1,526,475.2	12,344,027.0	0.00				Average	
		point365	365	1,526,450.5	12,344,066.0	0.00				Average	
		point366	366	1,526,367.2	12,344,197.0	0.00					
Roadway82	12.0	point367	367	1,526,367.2	12,344,197.0	0.00				Average	
		point368	368	1,526,295.6	12,344,311.0	0.00				Average	
		point369	369	1,526,182.5	12,344,474.0	0.00				Average	
		point370	370	1,526,114.1	12,344,572.0	0.00				Average	
		point371	371	1,526,011.2	12,344,701.0	0.00				Average	
		point372	372	1,525,870.0	12,344,870.0	0.00				Average	
		point373	373	1,525,755.6	12,345,017.0	0.00				Average	
		point374	374	1,525,709.4	12,345,086.0	0.00				Average	
		point375	375	1,525,632.4	12,345,199.0	0.00					
Roadway83	12.0	point376	376	1,528,473.8	12,342,638.0	0.00				Average	
		point377	377	1,527,961.8	12,342,892.0	0.00					
Roadway84	12.0	point378	378	1,528,575.6	12,342,588.0	0.00				Average	
		point379	379	1,528,941.4	12,342,409.0	0.00				Average	
		point380	380	1,529,161.6	12,342,307.0	0.00				Average	
		point381	381	1,529,377.8	12,342,201.0	0.00				Average	
		point382	382	1,530,151.6	12,341,810.0	0.00					
Roadway85	12.0	point383	383	1,528,575.6	12,342,588.0	0.00				Average	
		point384	384	1,528,473.8	12,342,638.0	0.00					
Roadway88	12.0	point393	393	1,538,022.9	12,350,803.0	0.00				Average	
		point394	394	1,537,745.2	12,350,437.0	0.00				Average	

INPUT: ROADWAYS **<Project Name?>**

		point395	395	1,537,286.2	12,349,781.0	0.00				Average	
		point396	396	1,536,917.5	12,349,183.0	0.00				Average	
		point397	397	1,536,633.5	12,348,697.0	0.00				Average	
		point398	398	1,536,342.6	12,348,141.0	0.00				Average	
		point399	399	1,536,249.9	12,347,976.0	0.00				Average	
		point400	400	1,535,785.6	12,347,151.0	0.00				Average	
		point401	401	1,535,053.2	12,345,851.0	0.00				Average	
		point402	402	1,534,760.2	12,345,343.0	0.00				Average	
		point403	403	1,534,378.9	12,344,673.0	0.00				Average	
		point404	404	1,534,064.0	12,344,128.0	0.00				Average	
		point405	405	1,533,917.5	12,343,855.0	0.00				Average	
		point406	406	1,533,532.2	12,343,178.0	0.00					
Roadway89	12.0	point407	407	1,533,532.2	12,343,178.0	0.00				Average	
		point408	408	1,532,793.9	12,341,850.0	0.00				Average	
		point409	409	1,532,654.6	12,341,602.0	0.00					
West La Cadena Drive, Chase Road to I-	22.0	point410	410	1,533,809.9	12,344,160.0	0.00				Average	
		point411	411	1,533,894.8	12,344,294.0	0.00				Average	
		point412	412	1,534,103.1	12,344,481.0	0.00				Average	
		point413	413	1,534,263.8	12,344,720.0	0.00				Average	
		point414	414	1,534,415.0	12,344,985.0	0.00				Average	
		point415	415	1,534,675.0	12,345,446.0	0.00				Average	
		point416	416	1,534,816.9	12,345,697.0	0.00				Average	
		point417	417	1,534,962.9	12,345,959.0	0.00				Average	
		point418	418	1,535,201.8	12,346,380.0	0.00				Average	
		point419	419	1,535,366.2	12,346,670.0	0.00				Average	
		point420	420	1,535,632.6	12,347,156.0	0.00				Average	
		point421	421	1,535,803.0	12,347,453.0	0.00				Average	
		point422	422	1,535,977.9	12,347,769.0	0.00				Average	
		point423	423	1,536,184.8	12,348,136.0	0.00				Average	
		point424	424	1,536,270.9	12,348,497.0	0.00					
S. Riverside Avenue, Pellisier Road to C	80.0	point1	1	1,530,469.1	12,351,928.0	0.00				Average	
		point2	2	1,530,483.5	12,351,860.0	0.00				Average	
		point3	3	1,530,489.2	12,351,832.0	0.00				Average	
		point4	4	1,530,587.8	12,351,367.0	0.00				Average	
		point6	6	1,530,629.0	12,350,925.0	0.00				Average	
		point7	7	1,530,628.5	12,350,798.0	0.00				Average	
		point8	8	1,530,626.0	12,350,752.0	0.00				Average	
		point9	9	1,530,623.4	12,350,701.0	0.00				Average	
		point10	10	1,530,616.8	12,350,577.0	0.00				Average	

INPUT: ROADWAYS **<Project Name?>**

		point11	11	1,530,606.9	12,350,432.0	0.00				Average	
		point12	12	1,530,599.6	12,350,350.0	0.00				Average	
		point13	13	1,530,587.1	12,350,216.0	0.00					
Garner Road, Main Street to Orange Stre	36.0	point438	438	1,530,488.6	12,348,608.0	0.00				Average	
		point427	427	1,530,715.0	12,348,577.0	0.00				Average	
		point428	428	1,530,864.0	12,348,557.0	0.00				Average	
		point429	429	1,531,061.9	12,348,523.0	0.00				Average	
		point430	430	1,531,584.1	12,348,433.0	0.00				Average	
		point431	431	1,532,305.8	12,348,289.0	0.00				Average	
		point432	432	1,532,479.1	12,348,261.0	0.00				Average	
		point433	433	1,532,661.5	12,348,232.0	0.00				Average	
		point434	434	1,533,337.1	12,348,124.0	0.00				Average	
		point435	435	1,533,524.5	12,348,096.0	0.00				Average	
		point436	436	1,533,884.6	12,348,039.0	0.00					
Orange Street, Center Street to Garner	42.0	point71	71	1,534,559.9	12,349,944.0	0.00				Average	
		point72	72	1,534,545.1	12,349,880.0	0.00				Average	
		point73	73	1,534,496.9	12,349,710.0	0.00				Average	
		point74	74	1,534,166.1	12,349,026.0	0.00				Average	
		point75	75	1,534,023.5	12,348,485.0	0.00				Average	
		point76	76	1,533,993.8	12,348,383.0	0.00				Average	
		point77	77	1,533,976.8	12,348,322.0	0.00				Average	
		point78	78	1,533,944.0	12,348,209.0	0.00				Average	
		point79	79	1,533,909.0	12,348,091.0	0.00				Average	
		point80	80	1,533,893.2	12,348,036.0	0.00					
Orange Street, Garner Road to Columbia	42.0	point439	439	1,533,893.2	12,348,036.0	0.00				Average	
		point81	81	1,533,676.5	12,347,622.0	0.00				Average	
		point82	82	1,533,626.5	12,347,457.0	0.00				Average	
		point83	83	1,533,563.5	12,347,249.0	0.00				Average	
		point84	84	1,533,485.0	12,347,023.0	0.00				Average	
		point85	85	1,533,427.8	12,346,875.0	0.00				Average	
		point86	86	1,533,351.4	12,346,750.0	0.00				Average	
		point87	87	1,533,252.2	12,346,576.0	0.00				Average	
		point88	88	1,533,163.2	12,346,441.0	0.00				Average	
		point89	89	1,533,047.1	12,346,292.0	0.00				Average	
		point90	90	1,532,883.6	12,346,092.0	0.00				Average	
		point91	91	1,532,797.2	12,345,998.0	0.00				Average	
		point92	92	1,532,657.0	12,345,864.0	0.00				Average	
		point93	93	1,532,546.0	12,345,713.0	0.00				Average	
		point94	94	1,532,401.9	12,345,462.0	0.00				Average	

INPUT: ROADWAYS **<Project Name?>**

		point95	95	1,532,131.6	12,345,001.0	0.00				Average	
		point96	96	1,531,954.2	12,344,682.0	0.00					
S Main Street, Garner Road to Columbia	35.0	point287	287	1,530,210.9	12,345,656.0	0.00				Average	
		point285	285	1,530,226.9	12,345,856.0	0.00				Average	
		point283	283	1,530,250.0	12,346,146.0	0.00				Average	
		point274	274	1,530,259.2	12,346,271.0	0.00				Average	
		point275	275	1,530,261.8	12,346,309.0	0.00				Average	
		point276	276	1,530,296.1	12,346,710.0	0.00				Average	
		point277	277	1,530,323.6	12,347,057.0	0.00				Average	
		point278	278	1,530,327.1	12,347,102.0	0.00				Average	
		point279	279	1,530,336.8	12,347,228.0	0.00				Average	
		point280	280	1,530,352.9	12,347,441.0	0.00				Average	
		point281	281	1,530,443.9	12,348,608.0	0.00					
N Main Street, Garner Road to Columbia	35.0	point51	51	1,530,250.2	12,345,633.0	0.00				Average	
		point50	50	1,530,285.8	12,346,102.0	0.00				Average	
		point47	47	1,530,288.8	12,346,143.0	0.00				Average	
		point42	42	1,530,301.2	12,346,308.0	0.00				Average	
		point46	46	1,530,319.1	12,346,547.0	0.00				Average	
		point45	45	1,530,321.5	12,346,578.0	0.00				Average	
		point41	41	1,530,332.5	12,346,709.0	0.00				Average	
		point40	40	1,530,337.2	12,346,766.0	0.00				Average	
		point39	39	1,530,359.9	12,347,010.0	0.00				Average	
		point38	38	1,530,368.6	12,347,139.0	0.00				Average	
		point35	35	1,530,378.9	12,347,262.0	0.00				Average	
		point34	34	1,530,391.6	12,347,416.0	0.00				Average	
		point33	33	1,530,414.9	12,347,695.0	0.00				Average	
		point32	32	1,530,440.5	12,348,033.0	0.00				Average	
		point31	31	1,530,463.2	12,348,334.0	0.00				Average	
		point29	29	1,530,465.6	12,348,364.0	0.00				Average	
		point28	28	1,530,467.4	12,348,387.0	0.00				Average	
		point27	27	1,530,484.2	12,348,607.0	0.00					
Columbia Street, Primer Street to E La Ca	44.0	point442	442	1,533,811.6	12,343,667.0	0.00				Average	
		point253	253	1,533,899.5	12,343,647.0	0.00				Average	
		point254	254	1,533,910.1	12,343,646.0	0.00				Average	
		point255	255	1,533,985.6	12,343,637.0	0.00				Average	
		point256	256	1,534,062.9	12,343,637.0	0.00					
Columbia Avenue, Orange Street to Prim	44.0	point118	118	1,532,078.5	12,344,607.0	0.00				Average	
		point119	119	1,532,234.0	12,344,516.0	0.00				Average	
		point120	120	1,532,316.6	12,344,463.0	0.00				Average	

INPUT: ROADWAYS **<Project Name?>**

		point115	115	1,532,398.2	12,344,419.0	0.00				Average	
		point116	116	1,532,555.6	12,344,334.0	0.00				Average	
		point117	117	1,533,031.2	12,344,068.0	0.00				Average	
		point124	124	1,533,109.5	12,344,024.0	0.00				Average	
		point123	123	1,533,291.2	12,343,922.0	0.00				Average	
		point130	130	1,533,362.5	12,343,885.0	0.00				Average	
		point131	131	1,533,629.4	12,343,737.0	0.00				Average	
		point385	385	1,533,659.4	12,343,721.0	0.00				Average	
		point441	441	1,533,729.8	12,343,692.0	0.00				Average	
		point387	387	1,533,808.9	12,343,668.0	0.00					
Strong Street, Orange Street to W La Ca	40.0	point443	443	1,530,985.5	12,342,935.0	0.00				Average	
		point170	170	1,531,567.0	12,342,613.0	0.00				Average	
		point171	171	1,531,742.2	12,342,513.0	0.00				Average	
		point172	172	1,531,849.4	12,342,453.0	0.00				Average	
		point173	173	1,532,142.9	12,342,298.0	0.00				Average	
		point174	174	1,532,560.8	12,342,067.0	0.00					
Main Street, Strong Street to Oakley Ave	78.0	point190	190	1,529,938.9	12,342,062.0	0.00				Average	
		point191	191	1,529,960.0	12,342,192.0	0.00				Average	
		point194	194	1,529,973.0	12,342,463.0	0.00				Average	
		point187	187	1,529,978.0	12,342,567.0	0.00				Average	
		point188	188	1,530,014.1	12,343,035.0	0.00				Average	
		point189	189	1,530,047.0	12,343,344.0	0.00					
Main Street, SR60 EB to Spruce Street	72.0	point304	304	1,529,818.0	12,341,772.0	0.00				Average	
		point309	309	1,529,748.6	12,341,651.0	0.00				Average	
		point308	308	1,529,723.4	12,341,607.0	0.00				Average	
		point307	307	1,529,669.8	12,341,513.0	0.00				Average	
		point310	310	1,529,620.9	12,341,428.0	0.00				Average	
		point311	311	1,529,465.4	12,341,153.0	0.00					
Main Street, Spruce Street to Poplar Stre	72.0	point314	314	1,528,385.9	12,339,215.0	0.00				Average	
		point315	315	1,528,725.5	12,339,823.0	0.00				Average	
		point316	316	1,528,742.1	12,339,853.0	0.00				Average	
		point317	317	1,528,977.1	12,340,278.0	0.00				Average	
		point318	318	1,529,100.0	12,340,498.0	0.00				Average	
		point319	319	1,529,146.0	12,340,581.0	0.00				Average	
		point313	313	1,529,392.4	12,341,023.0	0.00				Average	
		point312	312	1,529,458.4	12,341,141.0	0.00					
Main Street, Columbia Avenue to Strong	78.0	point290	290	1,530,210.9	12,345,656.0	0.00				Average	
		point289	289	1,530,160.1	12,345,038.0	0.00				Average	
		point291	291	1,530,125.0	12,344,533.0	0.00				Average	

INPUT: ROADWAYS **<Project Name?>**

		point295	295	1,530,116.2	12,344,407.0	0.00				Average	
		point294	294	1,530,102.9	12,344,258.0	0.00				Average	
		point299	299	1,530,089.8	12,344,118.0	0.00				Average	
		point298	298	1,530,077.1	12,343,985.0	0.00				Average	
		point297	297	1,530,067.0	12,343,814.0	0.00				Average	
		point303	303	1,530,050.0	12,343,609.0	0.00				Average	
		point302	302	1,530,042.9	12,343,522.0	0.00				Average	
		point301	301	1,530,061.5	12,343,458.0	0.00					
Roadway32-2	12.0	point444	444	1,529,255.9	12,343,916.0	0.00				Average	
		point168	168	1,530,061.5	12,343,458.0	0.00					
Strong Street, Main Street to Orange Str	40.0	point447	447	1,530,061.5	12,343,458.0	0.00				Average	
		point445	445	1,530,523.5	12,343,196.0	0.00				Average	
		point169	169	1,530,985.4	12,342,935.0	0.00					
Market Street, Rivera Street to SR60 WB	75.0	point344	344	1,526,475.2	12,344,027.0	0.00				Average	
		point345	345	1,526,528.0	12,343,981.0	0.00				Average	
		point346	346	1,526,596.5	12,343,877.0	0.00				Average	
		point348	348	1,526,600.1	12,343,871.0	0.00				Average	
		point349	349	1,526,684.1	12,343,745.0	0.00				Average	
		point350	350	1,526,751.1	12,343,646.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes **<Project Name?>**

<Organization?>	**10 February 2020**
<Analysis By?>	**TNM 2.5**
INPUT: TRAFFIC FOR LAeq1h Volumes	
PROJECT/CONTRACT:	**<Project Name?>**
RUN:	**<Run Title?>**

Roadway	Points											
Name	**Name**	**No.**	**Segment**									
			Autos		**MTrucks**		**HTrucks**		**Buses**		**Motorcycles**	
			V	**S**	**V**	**S**	**V**	**S**	**V**	**S**	**V**	**S**
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Main Street, Center Street to Garner Roa	point14	14	1614	45	186	45	186	45	0	0	0	0
	point15	15	1614	45	186	45	186	45	0	0	0	0
	point16	16	1614	45	186	45	186	45	0	0	0	0
	point17	17	1614	45	186	45	186	45	0	0	0	0
	point18	18	1614	45	186	45	186	45	0	0	0	0
	point19	19	1614	45	186	45	186	45	0	0	0	0
	point20	20	1614	45	186	45	186	45	0	0	0	0
	point21	21	1614	45	186	45	186	45	0	0	0	0
	point22	22										
Roadway4	point23	23	845	45	116	45	116	45	0	0	0	0
	point24	24	845	45	116	45	116	45	0	0	0	0
	point25	25										
Center Street, Main Street to Orange Str	point52	52	315	25	36	25	36	25	0	0	0	0
	point53	53	315	25	36	25	36	25	0	0	0	0
	point54	54	315	25	36	25	36	25	0	0	0	0
	point55	55	315	25	36	25	36	25	0	0	0	0
	point56	56	315	25	36	25	36	25	0	0	0	0
	point57	57	315	25	36	25	36	25	0	0	0	0
	point58	58	315	25	36	25	36	25	0	0	0	0
	point59	59	315	25	36	25	36	25	0	0	0	0
	point60	60										
Center Street, Orange Street to Stephen	point61	61	479	40	66	40	66	40	0	0	0	0
	point62	62	479	40	66	40	66	40	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes **<Project Name?>**

	point63	63	479	40	66	40	66	40	0	0	0	0
	point64	64	479	40	66	40	66	40	0	0	0	0
	point65	65	479	40	66	40	66	40	0	0	0	0
	point66	66	479	40	66	40	66	40	0	0	0	0
	point67	67										
Center Street, Stephens Avenue to High	point68	68	712	40	77	40	77	40	0	0	0	0
	point69	69	712	40	77	40	77	40	0	0	0	0
	point70	70										
Columbia Avenue, Main Street to Orange	point97	97	790	45	103	45	103	45	0	0	0	0
	point98	98	790	45	103	45	103	45	0	0	0	0
	point99	99	790	45	103	45	103	45	0	0	0	0
	point100	100										
Roadway19	point101	101	0	0	0	0	0	0	0	0	0	0
	point102	102										
Roadway20	point103	103	0	0	0	0	0	0	0	0	0	0
	point104	104										
Roadway21	point105	105	0	0	0	0	0	0	0	0	0	0
	point106	106	0	0	0	0	0	0	0	0	0	0
	point107	107	0	0	0	0	0	0	0	0	0	0
	point108	108	0	0	0	0	0	0	0	0	0	0
	point109	109	0	0	0	0	0	0	0	0	0	0
	point110	110	0	0	0	0	0	0	0	0	0	0
	point111	111										
Roadway22	point112	112	0	0	0	0	0	0	0	0	0	0
	point113	113	0	0	0	0	0	0	0	0	0	0
	point114	114										
Roadway25	point121	121	0	0	0	0	0	0	0	0	0	0
	point122	122										
Roadway27	point125	125	0	0	0	0	0	0	0	0	0	0
	point126	126	0	0	0	0	0	0	0	0	0	0
	point127	127	0	0	0	0	0	0	0	0	0	0
	point128	128	0	0	0	0	0	0	0	0	0	0
	point129	129										
Roadway29	point133	133	0	0	0	0	0	0	0	0	0	0
	point134	134	0	0	0	0	0	0	0	0	0	0
	point135	135	0	0	0	0	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes **<Project Name?>**

	point136	136	0	0	0	0	0	0	0	0	0	0
	point137	137	0	0	0	0	0	0	0	0	0	0
	point138	138	0	0	0	0	0	0	0	0	0	0
	point139	139	0	0	0	0	0	0	0	0	0	0
	point140	140										
Roadway30	point141	141	0	0	0	0	0	0	0	0	0	0
	point142	142	0	0	0	0	0	0	0	0	0	0
	point143	143	0	0	0	0	0	0	0	0	0	0
	point144	144	0	0	0	0	0	0	0	0	0	0
	point145	145	0	0	0	0	0	0	0	0	0	0
	point146	146	0	0	0	0	0	0	0	0	0	0
	point147	147	0	0	0	0	0	0	0	0	0	0
	point148	148	0	0	0	0	0	0	0	0	0	0
	point149	149	0	0	0	0	0	0	0	0	0	0
	point150	150	0	0	0	0	0	0	0	0	0	0
	point151	151	0	0	0	0	0	0	0	0	0	0
	point152	152	0	0	0	0	0	0	0	0	0	0
	point153	153	0	0	0	0	0	0	0	0	0	0
	point154	154	0	0	0	0	0	0	0	0	0	0
	point155	155	0	0	0	0	0	0	0	0	0	0
	point156	156	0	0	0	0	0	0	0	0	0	0
	point157	157	0	0	0	0	0	0	0	0	0	0
	point158	158										
Roadway31	point159	159	0	0	0	0	0	0	0	0	0	0
	point160	160	0	0	0	0	0	0	0	0	0	0
	point161	161	0	0	0	0	0	0	0	0	0	0
	point162	162	0	0	0	0	0	0	0	0	0	0
	point163	163	0	0	0	0	0	0	0	0	0	0
	point164	164	0	0	0	0	0	0	0	0	0	0
	point165	165										
Roadway32	point166	166	0	0	0	0	0	0	0	0	0	0
	point167	167										
Orange Street, Columbia Avenue to Stro	point175	175	363	35	18	35	18	35	0	0	0	0
	point176	176	363	35	18	35	18	35	0	0	0	0
	point177	177	363	35	18	35	18	35	0	0	0	0
	point178	178	363	35	18	35	18	35	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes **<Project Name?>**

	point179	179										
Orange Street, Strong Street to Oakley	point180	180	444	35	15	35	15	35	0	0	0	0
	point181	181	444	35	15	35	15	35	0	0	0	0
	point182	182	444	35	15	35	15	35	0	0	0	0
	point183	183	444	35	15	35	15	35	0	0	0	0
	point184	184	444	35	15	35	15	35	0	0	0	0
	point185	185	444	35	15	35	15	35	0	0	0	0
	point186	186										
Roadway39	point207	207	0	0	0	0	0	0	0	0	0	0
	point208	208										
Roadway40	point209	209	0	0	0	0	0	0	0	0	0	0
	point210	210	0	0	0	0	0	0	0	0	0	0
	point211	211										
Roadway41	point212	212	0	0	0	0	0	0	0	0	0	0
	point213	213	0	0	0	0	0	0	0	0	0	0
	point214	214										
Roadway42	point215	215	0	0	0	0	0	0	0	0	0	0
	point216	216	0	0	0	0	0	0	0	0	0	0
	point217	217	0	0	0	0	0	0	0	0	0	0
	point218	218	0	0	0	0	0	0	0	0	0	0
	point219	219	0	0	0	0	0	0	0	0	0	0
	point220	220	0	0	0	0	0	0	0	0	0	0
	point221	221	0	0	0	0	0	0	0	0	0	0
	point222	222	0	0	0	0	0	0	0	0	0	0
	point223	223	0	0	0	0	0	0	0	0	0	0
	point224	224	0	0	0	0	0	0	0	0	0	0
	point225	225										
Roadway43	point226	226	0	0	0	0	0	0	0	0	0	0
	point227	227										
Roadway44	point228	228	0	0	0	0	0	0	0	0	0	0
	point229	229										
Roadway45	point230	230	0	0	0	0	0	0	0	0	0	0
	point231	231	0	0	0	0	0	0	0	0	0	0
	point232	232										
Roadway46	point233	233	0	0	0	0	0	0	0	0	0	0
	point234	234										

INPUT: TRAFFIC FOR LAeq1h Volumes **<Project Name?>**

Roadway47	point235	235	0	0	0	0	0	0	0	0	0	0
	point236	236										
Roadway48	point237	237	0	0	0	0	0	0	0	0	0	0
	point238	238	0	0	0	0	0	0	0	0	0	0
	point239	239										
Roadway49	point240	240	0	0	0	0	0	0	0	0	0	0
	point241	241										
Roadway50	point242	242	0	0	0	0	0	0	0	0	0	0
	point243	243										
Roadway51	point244	244	0	0	0	0	0	0	0	0	0	0
	point245	245	0	0	0	0	0	0	0	0	0	0
	point246	246										
Roadway52	point247	247	0	0	0	0	0	0	0	0	0	0
	point248	248	0	0	0	0	0	0	0	0	0	0
	point249	249										
Roadway55	point257	257	0	0	0	0	0	0	0	0	0	0
	point258	258	0	0	0	0	0	0	0	0	0	0
	point259	259	0	0	0	0	0	0	0	0	0	0
	point260	260	0	0	0	0	0	0	0	0	0	0
	point261	261	0	0	0	0	0	0	0	0	0	0
	point262	262	0	0	0	0	0	0	0	0	0	0
	point263	263	0	0	0	0	0	0	0	0	0	0
	point264	264	0	0	0	0	0	0	0	0	0	0
	point265	265	0	0	0	0	0	0	0	0	0	0
	point266	266										
Roadway56	point267	267	845	45	116	45	116	45	0	0	0	0
	point268	268	845	45	116	45	116	45	0	0	0	0
	point269	269										
Roadway57	point270	270	0	0	0	0	0	0	0	0	0	0
	point271	271										
Roadway74	point321	321	0	0	0	0	0	0	0	0	0	0
	point322	322	0	0	0	0	0	0	0	0	0	0
	point323	323	0	0	0	0	0	0	0	0	0	0
	point324	324	0	0	0	0	0	0	0	0	0	0
	point325	325	0	0	0	0	0	0	0	0	0	0
	point326	326	0	0	0	0	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes **<Project Name?>**

	point327	327	0	0	0	0	0	0	0	0	0	0
	point328	328	0	0	0	0	0	0	0	0	0	0
	point329	329	0	0	0	0	0	0	0	0	0	0
	point330	330	0	0	0	0	0	0	0	0	0	0
	point331	331	0	0	0	0	0	0	0	0	0	0
	point332	332										
Roadway75	point333	333	0	0	0	0	0	0	0	0	0	0
	point334	334	0	0	0	0	0	0	0	0	0	0
	point335	335	0	0	0	0	0	0	0	0	0	0
	point336	336	0	0	0	0	0	0	0	0	0	0
	point337	337	0	0	0	0	0	0	0	0	0	0
	point338	338	0	0	0	0	0	0	0	0	0	0
	point339	339	0	0	0	0	0	0	0	0	0	0
	point340	340	0	0	0	0	0	0	0	0	0	0
	point341	341	0	0	0	0	0	0	0	0	0	0
	point342	342	0	0	0	0	0	0	0	0	0	0
	point343	343										
Roadway78	point351	351	0	0	0	0	0	0	0	0	0	0
	point352	352	0	0	0	0	0	0	0	0	0	0
	point353	353										
Roadway79	point354	354	0	0	0	0	0	0	0	0	0	0
	point355	355										
Roadway80	point356	356	0	0	0	0	0	0	0	0	0	0
	point357	357	0	0	0	0	0	0	0	0	0	0
	point358	358	0	0	0	0	0	0	0	0	0	0
	point359	359	0	0	0	0	0	0	0	0	0	0
	point360	360	0	0	0	0	0	0	0	0	0	0
	point361	361	0	0	0	0	0	0	0	0	0	0
	point362	362	0	0	0	0	0	0	0	0	0	0
	point363	363										
Roadway81	point364	364	0	0	0	0	0	0	0	0	0	0
	point365	365	0	0	0	0	0	0	0	0	0	0
	point366	366										
Roadway82	point367	367	0	0	0	0	0	0	0	0	0	0
	point368	368	0	0	0	0	0	0	0	0	0	0
	point369	369	0	0	0	0	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes **<Project Name?>**

	point370	370	0	0	0	0	0	0	0	0	0	0
	point371	371	0	0	0	0	0	0	0	0	0	0
	point372	372	0	0	0	0	0	0	0	0	0	0
	point373	373	0	0	0	0	0	0	0	0	0	0
	point374	374	0	0	0	0	0	0	0	0	0	0
	point375	375										
Roadway83	point376	376	0	0	0	0	0	0	0	0	0	0
	point377	377										
Roadway84	point378	378	0	0	0	0	0	0	0	0	0	0
	point379	379	0	0	0	0	0	0	0	0	0	0
	point380	380	0	0	0	0	0	0	0	0	0	0
	point381	381	0	0	0	0	0	0	0	0	0	0
	point382	382										
Roadway85	point383	383	0	0	0	0	0	0	0	0	0	0
	point384	384										
Roadway88	point393	393	0	0	0	0	0	0	0	0	0	0
	point394	394	0	0	0	0	0	0	0	0	0	0
	point395	395	0	0	0	0	0	0	0	0	0	0
	point396	396	0	0	0	0	0	0	0	0	0	0
	point397	397	0	0	0	0	0	0	0	0	0	0
	point398	398	0	0	0	0	0	0	0	0	0	0
	point399	399	0	0	0	0	0	0	0	0	0	0
	point400	400	0	0	0	0	0	0	0	0	0	0
	point401	401	0	0	0	0	0	0	0	0	0	0
	point402	402	0	0	0	0	0	0	0	0	0	0
	point403	403	0	0	0	0	0	0	0	0	0	0
	point404	404	0	0	0	0	0	0	0	0	0	0
	point405	405	0	0	0	0	0	0	0	0	0	0
	point406	406										
Roadway89	point407	407	0	0	0	0	0	0	0	0	0	0
	point408	408	0	0	0	0	0	0	0	0	0	0
	point409	409										
West La Cadena Drive, Chase Road to I-	point410	410	497	40	33	40	33	40	0	0	0	0
	point411	411	497	40	33	40	33	40	0	0	0	0
	point412	412	497	40	33	40	33	40	0	0	0	0
	point413	413	497	40	33	40	33	40	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes **<Project Name?>**

	point414	414	497	40	33	40	33	40	0	0	0	0
	point415	415	497	40	33	40	33	40	0	0	0	0
	point416	416	497	40	33	40	33	40	0	0	0	0
	point417	417	497	40	33	40	33	40	0	0	0	0
	point418	418	497	40	33	40	33	40	0	0	0	0
	point419	419	497	40	33	40	33	40	0	0	0	0
	point420	420	497	40	33	40	33	40	0	0	0	0
	point421	421	497	40	33	40	33	40	0	0	0	0
	point422	422	497	40	33	40	33	40	0	0	0	0
	point423	423	497	40	33	40	33	40	0	0	0	0
	point424	424										
S. Riverside Avenue, Pellisier Road to C	point1	1	1690	45	232	45	232	45	0	0	0	0
	point2	2	1690	45	232	45	232	45	0	0	0	0
	point3	3	1690	45	232	45	232	45	0	0	0	0
	point4	4	1690	45	232	45	232	45	0	0	0	0
	point6	6	1690	45	232	45	232	45	0	0	0	0
	point7	7	1690	45	232	45	232	45	0	0	0	0
	point8	8	1690	45	232	45	232	45	0	0	0	0
	point9	9	1690	45	232	45	232	45	0	0	0	0
	point10	10	1690	45	232	45	232	45	0	0	0	0
	point11	11	1690	45	232	45	232	45	0	0	0	0
	point12	12	1690	45	232	45	232	45	0	0	0	0
	point13	13										
Garner Road, Main Street to Orange Stre	point438	438	24	25	1	25	1	25	0	0	0	0
	point427	427	24	25	1	25	1	25	0	0	0	0
	point428	428	24	25	1	25	1	25	0	0	0	0
	point429	429	24	25	1	25	1	25	0	0	0	0
	point430	430	24	25	1	25	1	25	0	0	0	0
	point431	431	24	25	1	25	1	25	0	0	0	0
	point432	432	24	25	1	25	1	25	0	0	0	0
	point433	433	24	25	1	25	1	25	0	0	0	0
	point434	434	24	25	1	25	1	25	0	0	0	0
	point435	435	24	25	1	25	1	25	0	0	0	0
	point436	436										
Orange Street, Center Street to Garner	point71	71	169	35	12	35	12	35	0	0	0	0
	point72	72	169	35	12	35	12	35	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes **<Project Name?>**

	point73	73	169	35	12	35	12	35	0	0	0	0
	point74	74	169	35	12	35	12	35	0	0	0	0
	point75	75	169	35	12	35	12	35	0	0	0	0
	point76	76	169	35	12	35	12	35	0	0	0	0
	point77	77	169	35	12	35	12	35	0	0	0	0
	point78	78	169	35	12	35	12	35	0	0	0	0
	point79	79	169	35	12	35	12	35	0	0	0	0
	point80	80										
Orange Street, Garner Road to Columbia	point439	439	265	35	9	35	9	35	0	0	0	0
	point81	81	265	35	9	35	9	35	0	0	0	0
	point82	82	265	35	9	35	9	35	0	0	0	0
	point83	83	265	35	9	35	9	35	0	0	0	0
	point84	84	265	35	9	35	9	35	0	0	0	0
	point85	85	265	35	9	35	9	35	0	0	0	0
	point86	86	265	35	9	35	9	35	0	0	0	0
	point87	87	265	35	9	35	9	35	0	0	0	0
	point88	88	265	35	9	35	9	35	0	0	0	0
	point89	89	265	35	9	35	9	35	0	0	0	0
	point90	90	265	35	9	35	9	35	0	0	0	0
	point91	91	265	35	9	35	9	35	0	0	0	0
	point92	92	265	35	9	35	9	35	0	0	0	0
	point93	93	265	35	9	35	9	35	0	0	0	0
	point94	94	265	35	9	35	9	35	0	0	0	0
	point95	95	265	35	9	35	9	35	0	0	0	0
	point96	96										
S Main Street, Garner Road to Columbia	point287	287	863	45	112	45	112	45	0	0	0	0
	point285	285	863	45	112	45	112	45	0	0	0	0
	point283	283	863	45	112	45	112	45	0	0	0	0
	point274	274	863	45	112	45	112	45	0	0	0	0
	point275	275	863	45	112	45	112	45	0	0	0	0
	point276	276	863	45	112	45	112	45	0	0	0	0
	point277	277	863	45	112	45	112	45	0	0	0	0
	point278	278	863	45	112	45	112	45	0	0	0	0
	point279	279	863	45	112	45	112	45	0	0	0	0
	point280	280	863	45	112	45	112	45	0	0	0	0
	point281	281										

INPUT: TRAFFIC FOR LAeq1h Volumes **<Project Name?>**

N Main Street, Garner Road to Columbia	point51	51	863	45	112	45	112	45	0	0	0	0
	point50	50	863	45	112	45	112	45	0	0	0	0
	point47	47	863	45	112	45	112	45	0	0	0	0
	point42	42	863	45	112	45	112	45	0	0	0	0
	point46	46	863	45	112	45	112	45	0	0	0	0
	point45	45	863	45	112	45	112	45	0	0	0	0
	point41	41	863	45	112	45	112	45	0	0	0	0
	point40	40	863	45	112	45	112	45	0	0	0	0
	point39	39	863	45	112	45	112	45	0	0	0	0
	point38	38	863	45	112	45	112	45	0	0	0	0
	point35	35	863	45	112	45	112	45	0	0	0	0
	point34	34	863	45	112	45	112	45	0	0	0	0
	point33	33	863	45	112	45	112	45	0	0	0	0
	point32	32	863	45	112	45	112	45	0	0	0	0
	point31	31	863	45	112	45	112	45	0	0	0	0
	point29	29	863	45	112	45	112	45	0	0	0	0
	point28	28	863	45	112	45	112	45	0	0	0	0
	point27	27										
Columbia Street, Primer Street to E La Ca	point442	442	1530	45	160	45	160	45	0	0	0	0
	point253	253	1530	45	160	45	160	45	0	0	0	0
	point254	254	1530	45	160	45	160	45	0	0	0	0
	point255	255	1530	45	160	45	160	45	0	0	0	0
	point256	256										
Columbia Avenue, Orange Street to Prim	point118	118	0	0	0	0	0	0	0	0	0	0
	point119	119	0	0	0	0	0	0	0	0	0	0
	point120	120	0	0	0	0	0	0	0	0	0	0
	point115	115	0	0	0	0	0	0	0	0	0	0
	point116	116	0	0	0	0	0	0	0	0	0	0
	point117	117	0	0	0	0	0	0	0	0	0	0
	point124	124	0	0	0	0	0	0	0	0	0	0
	point123	123	0	0	0	0	0	0	0	0	0	0
	point130	130	0	0	0	0	0	0	0	0	0	0
	point131	131	0	0	0	0	0	0	0	0	0	0
	point385	385	0	0	0	0	0	0	0	0	0	0
	point441	441	0	0	0	0	0	0	0	0	0	0
	point387	387										

INPUT: TRAFFIC FOR LAeq1h Volumes **<Project Name?>**

Strong Street, Orange Street to W La Ca	point443	443	179	25	6	25	6	25	0	0	0	0
	point170	170	179	25	6	25	6	25	0	0	0	0
	point171	171	179	25	6	25	6	25	0	0	0	0
	point172	172	179	25	6	25	6	25	0	0	0	0
	point173	173	179	25	6	25	6	25	0	0	0	0
	point174	174										
Main Street, Strong Street to Oakley Ave	point190	190	1723	45	173	45	173	45	0	0	0	0
	point191	191	1723	45	173	45	173	45	0	0	0	0
	point194	194	1723	45	173	45	173	45	0	0	0	0
	point187	187	1723	45	173	45	173	45	0	0	0	0
	point188	188	1723	45	173	45	173	45	0	0	0	0
	point189	189										
Main Street, SR60 EB to Spruce Street	point304	304	1141	45	76	45	76	45	0	0	0	0
	point309	309	1141	45	76	45	76	45	0	0	0	0
	point308	308	1141	45	76	45	76	45	0	0	0	0
	point307	307	1141	45	76	45	76	45	0	0	0	0
	point310	310	1141	45	76	45	76	45	0	0	0	0
	point311	311										
Main Street, Spruce Street to Poplar Stre	point314	314	1025	45	14	45	14	45	0	0	0	0
	point315	315	1025	45	14	45	14	45	0	0	0	0
	point316	316	1025	45	14	45	14	45	0	0	0	0
	point317	317	1025	45	14	45	14	45	0	0	0	0
	point318	318	1025	45	14	45	14	45	0	0	0	0
	point319	319	1025	45	14	45	14	45	0	0	0	0
	point313	313	1025	45	14	45	14	45	0	0	0	0
	point312	312										
Main Street, Columbia Avenue to Strong	point290	290	1749	45	148	45	148	45	0	0	0	0
	point289	289	1749	45	148	45	148	45	0	0	0	0
	point291	291	1749	45	148	45	148	45	0	0	0	0
	point295	295	1749	45	148	45	148	45	0	0	0	0
	point294	294	1749	45	148	45	148	45	0	0	0	0
	point299	299	1749	45	148	45	148	45	0	0	0	0
	point298	298	1749	45	148	45	148	45	0	0	0	0
	point297	297	1749	45	148	45	148	45	0	0	0	0
	point303	303	1749	45	148	45	148	45	0	0	0	0
	point302	302	1749	45	148	45	148	45	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes **<Project Name?>**

	point301	301										
Roadway32-2	point444	444	0	0	0	0	0	0	0	0	0	0
	point168	168										
Strong Street, Main Street to Orange Str	point447	447	259	25	14	25	14	25	0	0	0	0
	point445	445	259	25	14	25	14	25	0	0	0	0
	point169	169										
Market Street, Rivera Street to SR60 WB	point344	344	1974	45	80	45	80	45	0	0	0	0
	point345	345	1974	45	80	45	80	45	0	0	0	0
	point346	346	1974	45	80	45	80	45	0	0	0	0
	point348	348	1974	45	80	45	80	45	0	0	0	0
	point349	349	1974	45	80	45	80	45	0	0	0	0
	point350	350										

INPUT: RECEIVERS **<Project Name?>**

<Organization?> **10 February 2020**
<Analysis By?> **TNM 2.5**

INPUT: RECEIVERS
PROJECT/CONTRACT: **<Project Name?>**
RUN: **<Run Title?>**

Receiver Name	No.	#DUs	Coordinates (ground) X	Y	Z	Height above Ground	Input Sound Levels and Criteria: Existing LAeq1h	Impact Criteria LAeq1h	Impact Criteria Sub'l	NR Goal	Active in Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
1	1	1	1,530,705.5	12,350,462.0	0.00	4.92	0.00	66	10.0	8.0	Y
2	2	1	1,530,639.4	12,349,345.0	0.00	4.92	0.00	66	10.0	8.0	Y
3	3	1	1,530,416.2	12,346,813.0	0.00	4.92	0.00	66	10.0	8.0	Y
4	4	1	1,530,199.6	12,344,210.0	0.00	4.92	0.00	66	10.0	8.0	Y
5	5	1	1,530,072.2	12,342,710.0	0.00	4.92	0.00	66	10.0	8.0	Y
6	6	1	1,529,684.8	12,341,327.0	0.00	4.92	0.00	66	10.0	8.0	Y
7	7	1	1,529,319.1	12,340,672.0	0.00	4.92	0.00	66	10.0	8.0	Y
8	8	1	1,533,972.8	12,348,526.0	0.00	4.92	0.00	66	10.0	8.0	Y
9	9	1	1,532,580.8	12,345,883.0	0.00	4.92	0.00	66	10.0	8.0	Y
11	11	1	1,530,725.2	12,342,304.0	0.00	4.92	0.00	66	10.0	8.0	Y
12	12	1	1,534,432.8	12,345,133.0	0.00	4.92	0.00	66	10.0	8.0	Y
14	13	1	1,532,279.8	12,350,144.0	0.00	4.92	0.00	66	10.0	8.0	Y
15	14	1	1,535,214.6	12,349,564.0	0.00	4.92	0.00	66	10.0	8.0	Y
16	15	1	1,536,403.6	12,348,861.0	0.00	4.92	0.00	66	10.0	8.0	Y
17	16	1	1,532,333.1	12,348,354.0	0.00	4.92	0.00	66	10.0	8.0	Y
18	17	1	1,531,635.6	12,344,945.0	0.00	4.92	0.00	66	10.0	8.0	Y
19	18	1	1,532,834.2	12,344,086.0	0.00	4.92	0.00	66	10.0	8.0	Y
20	19	1	1,533,954.6	12,343,554.0	0.00	4.92	0.00	66	10.0	8.0	Y
22	20	1	1,531,676.8	12,342,461.0	0.00	4.92	0.00	66	10.0	8.0	Y
21	21	1	1,530,432.9	12,343,172.0	0.00	4.92	0.00	66	10.0	8.0	Y
23	22	1	1,526,704.6	12,343,843.0	0.00	4.92	0.00	66	10.0	8.0	Y
10	24	1	1,531,362.9	12,343,515.0	0.00	4.92	0.00	66	10.0	8.0	Y

RESULTS: SOUND LEVELS **<Project Name?>**

<Organization?> **10 February 2020**
<Analysis By?> **TNM 2.5**
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: **<Project Name?>**
RUN: **<Run Title?>**
BARRIER DESIGN: **INPUT HEIGHTS**
ATMOSPHERICS: **68 deg F, 50% RH**

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
1	1	1	0.0	70.7	66	70.7	10	Snd Lvl	70.7	0.0	8	-8.0
2	2	1	0.0	69.0	66	69.0	10	Snd Lvl	69.0	0.0	8	-8.0
3	3	1	0.0	71.0	66	71.0	10	Snd Lvl	71.0	0.0	8	-8.0
4	4	1	0.0	69.4	66	69.4	10	Snd Lvl	69.4	0.0	8	-8.0
5	5	1	0.0	70.7	66	70.7	10	Snd Lvl	70.7	0.0	8	-8.0
6	6	1	0.0	66.5	66	66.5	10	Snd Lvl	66.5	0.0	8	-8.0
7	7	1	0.0	64.0	66	64.0	10	----	64.0	0.0	8	-8.0
8	8	1	0.0	59.1	66	59.1	10	----	59.1	0.0	8	-8.0
9	9	1	0.0	58.3	66	58.3	10	----	58.3	0.0	8	-8.0
11	11	1	0.0	60.4	66	60.4	10	----	60.4	0.0	8	-8.0
12	12	1	0.0	64.9	66	64.9	10	----	64.9	0.0	8	-8.0
14	13	1	0.0	59.4	66	59.4	10	----	59.4	0.0	8	-8.0
15	14	1	0.0	64.6	66	64.6	10	----	64.6	0.0	8	-8.0
16	15	1	0.0	66.2	66	66.2	10	Snd Lvl	66.2	0.0	8	-8.0
17	16	1	0.0	49.0	66	49.0	10	----	49.0	0.0	8	-8.0
18	17	1	0.0	68.3	66	68.3	10	Snd Lvl	68.3	0.0	8	-8.0
19	18	1	0.0	48.5	66	48.5	10	----	48.5	0.0	8	-8.0
20	19	1	0.0	68.3	66	68.3	10	Snd Lvl	68.3	0.0	8	-8.0
22	20	1	0.0	54.3	66	54.3	10	----	54.3	0.0	8	-8.0
21	21	1	0.0	61.8	66	61.8	10	----	61.8	0.0	8	-8.0
23	22	1	0.0	69.4	66	69.4	10	Snd Lvl	69.4	0.0	8	-8.0
10	24	1	0.0	63.0	66	63.0	10	----	63.0	0.0	8	-8.0

Dwelling Units **# DUs** **Noise Reduction**

RESULTS: SOUND LEVELS **<Project Name?>**

			Min	Avg	Max
			dB	dB	dB
All Selected		22	0.0	0.0	0.0
All Impacted		10	0.0	0.0	0.0
All that meet NR Goal		0	0.0	0.0	0.0

ADTs used for Traffic Noise Modeling

	EXISTING	ADT	TNM Total	Cars	M	H	H%	Speed	Med Equiv	Hvy	T
1	S. Riverside Avenue, Pellisier Road to Center Street	21,540	2154	1690	232	232	21.5%	45	1160.192832	2993.297507	5843
2	Main Street, Center Street to Garner Road	19,861	1986.1	1614	186	186	18.7%	45	930.75	2401.335	4946
3	Main Street, Garner Road to Columbia Avenue	21,734	2173.4	1725	224	224	20.6%	45	1120	2889.6	5735
4	Main Street, Columbia Avenue to Strong Street	20,449	2044.9	1749	148	148	14.5%	45	740.5	1910.49	4400
5	Main Street, Strong Street to Oakley Avenue	20,687	2068.7	1723	173	173	16.7%	45	864.25	2229.765	4817
6	Main Street, SR60 EB to Spruce Street	12,921	1292.1	1141	76	76	11.7%	45	377.5	973.95	2493
7	Main Street, Spruce Street to Poplar Street	10,528	1052.8	1025	14	14	2.6%	45	69.25	178.665	1273
8	Orange Street, Pellisier Road to Center Street	N/A									
9	Orange Street, Center Street to Garner Road	1,930	193	169	12	12	12.6%	35	86.62	233.02	488
10	Orange Street, Garner Road to Columbia Avenue	2,824	282.4	265	9	9	6.2%	35	61.77	166.17	493
11	Orange Street, Columbia Avenue to Strong Street	3,982	398.2	363	18	18	8.8%	35	124.25	334.25	822
12	Orange Street, Strong Street to Oakley Avenue	4,735	473.5	444	15	15	6.2%	35	104.37	280.77	829
13	West La Cadena Drive, Chase Road to I-215 SB Ramps	5,620	562	497	33	33	11.6%	40	189.08	492.26	1178
14	Pellisier Road, S. Riverside Avenue to Roquet Ranch	N/A		858	42	42		40	245.9664	640.3608	1744
15	Center Street, Main Street to Orange Street	3,875	387.5	315	36	36	18.8%	35	258.085	694.285	1267
16	Center Street, Orange Street to Stephens Avenue	6,117	611.7	479	66	66	21.7%	40	384.25	1000.375	1864
17	Center Street, Stephens Avenue to Highgrove Place	8,650	865	712	77	77	17.7%	40	443.99	1155.905	2312
18	Garner Road, Main Street to Orange Street	252	25.2	24	1	1	6.0%	35	5.325	14.325	43
19	Columbia Avenue, Main Street to Orange Street	9,955	995.5	790	103	103	20.7%	45	514.5	1327.41	2632
20	Columbia Avenue, Orange Street to Primer Street	12,226	1222.6	1012	105	105	17.2%	45	526	1357.08	2895
21	Columbia Street, Primer Street to E La Cadena Drive	18,492	1849.2	1530	160	160	17.3%	45	798.75	2060.775	4389
22	Strong Street, Main Street to Orange Street	2,873	287.3	259	14	14	9.7%	35	99.045	266.445	625
23	Strong Street, Orange Street to W La Cadena Drive	1,900	190	179	6	6	5.9%	35	40.115	107.915	327
24	Market Street, Rivera Street to SR60 WB Ramps	21,336	2133.6	1974	80	80	7.5%	45	398.25	1027.485	3400
	Existing + Project Scenario 1	ADT	TNM Total	Cars	M	H					
1	S. Riverside Avenue, Pellisier Road to Center Street	25,870	2587.002	2084	252	252	19.4%	45	1257.618293	3244.655196	6586
2	Main Street, Center Street to Garner Road	21,488	2148.773	1959	95	95	8.8%	45	474	1222.92	3656
3	Main Street, Garner Road to Columbia Avenue	24,562	2456.211	2205	126	126	10.2%	45	628	1620.24	4453
4	Main Street, Columbia Avenue to Strong Street	21,051	2105.08	1880	113	113	10.7%	45	562.5	1451.25	3894
5	Main Street, Strong Street to Oakley Avenue	21,907	2190.742	1935	128	128	11.7%	45	638.5	1647.33	4221
6	Main Street, SR60 EB to Spruce Street	14,830	1482.963	1356	63	63	8.5%	45	316.5	816.57	2489
7	Main Street, Spruce Street to Poplar Street	12,728	1272.81	1252	10	10	1.6%	45	51.75	133.515	1437
8	Orange Street, Center Street to Garner Road	4,027	402.7383	378	12	12	6.1%	35	86.62	233.02	698
9	Orange Street, Garner Road to Columbia Avenue	6,428	642.7588	625	9	9	2.7%	35	61.77	166.17	853
10	Orange Street, Columbia Avenue to Strong Street	4,708	470.7798	436	18	18	7.4%	35	124.25	334.25	894
11	Orange Street, Strong Street to Oakley Avenue	5,290	528.9984	500	15	15	5.6%	35	104.37	280.77	885
12	West La Cadena Drive, Chase Road to I-215 SB Ramps	7,404	740.4332	675	33	33	8.8%	40	189.08	492.26	1357
13	Pellisier Road, S. Riverside Avenue to Roquet Ranch	9,424	942.4	858	42	42	9.0%		#N/A	#N/A	#N/A
14	Center Street, Main Street to Orange Street	4,747	474.7481	197	139	139	58.4%	35	984.600769	2648.714745	3831
15	Center Street, Orange Street to Stephens Avenue	9,115	911.5439	615	148	148	32.5%	40	859.8092626	2238.468942	3713
16	Center Street, Stephens Avenue to Highgrove Place	11,460	1145.985	851	147	147	25.7%	40	854.8869837	2225.654044	3932
17	Garner Road, Main Street to Orange Street	252	25.2	24	1	1	6.0%	35	5.325	14.325	43
18	Columbia Avenue, Main Street to Orange Street	14,301	1430.058	1336	47	47	6.6%	45	235.5008122	607.5920955	2179
19	Columbia Avenue, Orange Street to Primer Street	19,959	1995.894	1878	59	59	5.9%	45	293.7476179	757.8688543	2930
20	Columbia Street, Primer Street to E La Cadena Drive	29,468	2946.754	2674	137	137	9.3%	45	682.623809	1761.169427	5117
21	Strong Street, Main Street to Orange Street	3,867	386.6765	349	19	19	9.7%	35	133.3044616	358.607777	841
22	Strong Street, Orange Street to W La Cadena Drive	2,271	227.1471	214	7	7	5.9%	35	47.95792972	129.0135856	391
23	Market Street, Rivera Street to SR60 WB Ramps	26,961	2696.077	2495	101	101	7.5%	45	503.2399477	1298.359065	4296
	Existing + Project Scenario 2		TNM Total	Cars	M	H					
1	S. Riverside Avenue, Pellisier Road to Center Street	24,039	2403.906	1872	266	266	22.1%	45	1328.879265	3428.508504	6630

2	Main Street, Center Street to Garner Road	19,966	1996.564	1807	95	95	9.5%	45	474	1222.92	3504
3	Main Street, Garner Road to Columbia Avenue	22,310	2231.025	1980	126	126	11.3%	45	628	1620.24	4228
4	Main Street, Columbia Avenue to Strong Street	21,307	2130.713	1906	113	113	10.6%	45	562.5	1451.25	3919
5	Main Street, Strong Street to Oakley Avenue	22,212	2221.213	1966	128	128	11.5%	45	638.5	1647.33	4252
6	Main Street, SR60 EB to Spruce Street	14,281	1428.145	1302	63	63	8.9%	45	316.5	816.57	2435
7	Main Street, Spruce Street to Poplar Street	12,503	1250.289	1230	10	10	1.7%	45	51.75	133.515	1415
8	Orange Street, Center Street to Garner Road	2,663	266.3301	242	12	12	9.2%	35	86.62	233.02	562
9	Orange Street, Garner Road to Columbia Avenue	4,511	451.0821	434	9	9	3.9%	35	61.77	166.17	662
10	Orange Street, Columbia Avenue to Strong Street	4,583	458.2598	423	18	18	7.6%	35	124.25	334.25	882
11	Orange Street, Strong Street to Oakley Avenue	5,235	523.4926	494	15	15	5.6%	35	104.37	280.77	879
12	West La Cadena Drive, Chase Road to I-215 SB Ramps	6,520	652.0324	587	33	33	10.0%	40	189.08	492.26	1268
13	Pellisier Road, S. Riverside Avenue to Roquet Ranch	11,253	1125.3	821	152	152	27.0%	40	881.1099	2293.92405	3997
14	Center Street, Main Street to Orange Street	6,407	640.699	356	142	142	44.4%	35	1010.783423	2719.149771	4086
15	Center Street, Orange Street to Stephens Avenue	9,550	954.9886	646	155	155	32.4%	40	896.250597	2333.342072	3876
16	Center Street, Stephens Avenue to Highgrove Place	12,061	1206.058	898	154	154	25.6%	40	894.5038874	2328.794603	4121
17	Garner Road, Main Street to Orange Street	252	25.2	24	1	1	6.0%	35	5.325	14.325	43
18	Columbia Avenue, Main Street to Orange Street	13,821	1382.11	1288	47	47	6.8%	45	235.5008122	607.5920955	2131
19	Columbia Avenue, Orange Street to Primer Street	17,567	1756.723	1639	59	59	6.7%	45	293.7476179	757.8688543	2691
20	Columbia Street, Primer Street to E La Cadena Drive	25,303	2530.331	2257	137	137	10.8%	45	682.623809	1761.169427	4701
21	Strong Street, Main Street to Orange Street	3,698	369.7821	334	18	18	9.7%	35	127.4802158	342.9397355	804
22	Strong Street, Orange Street to W La Cadena Drive	2,085	208.5327	196	6	6	5.9%	35	44.02784409	118.4411017	359
23	Market Street, Rivera Street to SR60 WB Ramps	26,643	2664.3	2465	99	99	7.5%	45	497.3084408	1283.055777	4246
	2040 GPLU										
1	S. Riverside Avenue, Pellisier Road to Center Street	26,945	2694.46	2114	290	290	21.5%	45	1451.29674	3744.34559	7310
2	Main Street, Center Street to Garner Road	25,013	2501.349	2032	234	234	18.7%	45	1172.212165	3024.307387	6229
3	Main Street, Garner Road to Columbia Avenue	26,945	2694.538	2139	278	278	20.6%	45	1388.553676	3582.468485	7110
4	Main Street, Columbia Avenue to Strong Street	25,239	2523.89	2158	183	183	14.5%	45	913.952049	2357.996286	5430
5	Main Street, Strong Street to Oakley Avenue	25,225	2522.47	2101	211	211	16.7%	45	1053.823511	2718.864659	5874
6	Main Street, SR60 EB to Spruce Street	16,290	1629	1439	95	95	11.7%	45	475.9287207	1227.896099	3142
7	Main Street, Spruce Street to Poplar Street	12,646	1264.636	1231	17	17	2.6%	45	83.18393142	214.6145431	1529
8	Orange Street, Pellisier Road to Center Street										
9	Orange Street, Center Street to Garner Road	2,868	286.8	251	18	18	12.6%	35	128.7182176	346.2701347	726
10	Orange Street, Garner Road to Columbia Avenue	4,984	498.4	468	15	15	6.2%	35	109.0161756	293.2688669	870
11	Orange Street, Columbia Avenue to Strong Street	5,162	516.184	471	23	23	8.8%	35	161.064445	433.2860422	1065
12	Orange Street, Strong Street to Oakley Avenue	6,083	608.25	570	19	19	6.2%	35	134.0719166	360.672339	1065
13	West La Cadena Drive, Chase Road to I-215 SB Ramps	6,969	696.9	616	40	40	11.6%	40	234.4659288	610.4199181	1461
14	Pellisier Road, S. Riverside Avenue to Roquet Ranch	1,600	160	152	4	4	5.0%	40	23.2	60.4	236
15	Center Street, Main Street to Orange Street	5,047	504.7	410	47	47	18.8%	35	336.1432245	904.2726181	1650
16	Center Street, Orange Street to Stephens Avenue	8,040	804	630	87	87	21.7%	40	505.0465915	1314.862678	2450
17	Center Street, Stephens Avenue to Highgrove Place	10,826	1082.6	891	96	96	17.7%	40	555.6804324	1446.685264	2893
18	Garner Road, Main Street to Orange Street	0	0	#VALUE!	#VALUE!	#VALUE!	-	35	#VALUE!	#VALUE!	#VALUE!
19	Columbia Avenue, Main Street to Orange Street	18,807	1880.7	1492	194	194	20.7%	45	971.9941236	2507.744839	4972
20	Columbia Avenue, Orange Street to Primer Street	22,769	2276.9	1885	196	196	17.2%	45	979.5921806	2527.347826	5392
21	Columbia Street, Primer Street to E La Cadena Drive	30,249	3024.9	2502	261	261	17.3%	45	1306.586024	3370.991941	7180
22	Strong Street, Main Street to Orange Street	4,239	423.9	383	21	21	9.7%	35	146.1370536	393.1292569	922
23	Strong Street, Orange Street to W La Cadena Drive	2,486	248.6	234	7	7	5.9%	35	52.48731053	141.1982579	428
24	Market Street, Rivera Street to SR60 WB Ramps	30,843	3084.3	2854	115	115	7.5%	45	575.7041971	1485.316829	4915
	2040 Alt 1 no Orange										
1	S. Riverside Avenue, Pellisier Road to Center Street	29220.6	2922.06	2303	310	310	21.2%	45	1548.722201	3995.703279	7847
2	Main Street, Center Street to Garner Road	27087.49	2708.749	2470	119	119	8.8%	45	596.9686451	1540.179104	4607
3	Main Street, Garner Road to Columbia Avenue	30808.38	3080.838	2769	156	156	10.1%	45	778.5818828	2008.741258	5557
4	Main Street, Columbia Avenue to Strong Street	24562.9	2456.29	2179	139	139	11.3%	45	694.257971	1791.185565	4664
5	Main Street, Strong Street to Oakley Avenue	26099.7	2609.97	2299	156	156	11.9%	45	778.5551772	2008.672357	5086
6	Main Street, SR60 EB to Spruce Street	16311	1631.1	1471	80	80	9.8%	45	399.0236824	1029.481101	2900
7	Main Street, Spruce Street to Poplar Street	15366.36	1536.636	1512	12	12	1.6%	45	62.16272131	160.379821	1734
8	Orange Street, Center Street to Garner Road	5233	523.3	487	18	18	6.9%	35	128.7182176	346.2701347	962

9	Orange Street, Garner Road to Columbia Avenue	8499	849.9	819	15	15	3.6%	35	109.0161756	293.2688669	1221
10	Orange Street, Columbia Avenue to Strong Street	5602.84	560.284	515	23	23	8.1%	35	161.064445	433.2860422	1109
11	Orange Street, Strong Street to Oakley Avenue	6082.5	608.25	570	19	19	6.2%	35	134.0719166	360.672339	1065
12	West La Cadena Drive, Chase Road to I-215 SB Ramps	8430	843	762	40	40	9.6%	40	234.4659288	610.4199181	1607
13	Pellisier Road, S. Riverside Avenue to Roquet Ranch	11023.56	1102.356	1003	50	50	9.0%	40	287.714848	749.050725	2040
14	Center Street, Main Street to Orange Street	5249	524.9	192	166	166	63.4%	35	1181.228994	3177.672363	4551
15	Center Street, Orange Street to Stephens Avenue	10839	1083.9	653	216	216	39.8%	40	1250.885854	3256.61662	5160
16	Center Street, Stephens Avenue to Highgrove Place	13075	1307.5	860	224	224	34.2%	40	1296.597416	3375.624307	5533
17	Garner Road, Main Street to Orange Street	0	0	#VALUE!	#VALUE!	#VALUE!	-	35	#VALUE!	#VALUE!	#VALUE!
18	Columbia Avenue, Main Street to Orange Street	18556	1855.6	1605	125	125	13.5%	45	626.1970545	1615.588401	3847
19	Columbia Avenue, Orange Street to Primer Street	25867	2586.7	2310	138	138	10.7%	45	691.73402	1784.673772	4786
20	Columbia Street, Primer Street to E La Cadena Drive	36508	3650.8	3186	233	233	12.7%	45	1162.656943	2999.654914	7348
21	Strong Street, Main Street to Orange Street	4438	443.8	403	21	21	9.3%	35	146.1370536	393.1292569	942
22	Strong Street, Orange Street to W La Cadena Drive	2713	271.3	257	7	7	5.4%	35	52.48731053	141.1982579	450
23	Market Street, Rivera Street to SR60 WB Ramps	30194	3019.4	2789	115	115	7.6%	45	575.7041971	1485.316829	4850
	2040 Alt 1 with Orange										
1	S. Riverside Avenue, Pellisier Road to Center Street	28,286	2828.56	2209	310	310	21.9%	45	1548.722201	3995.703279	7753
2	Main Street, Center Street to Garner Road	27,719	2771.949	2517	128	128	9.2%	45	638.0761451	1646.236454	4801
3	Main Street, Garner Road to Columbia Avenue	31,533	3153.338	2828	163	163	10.3%	45	813.0218828	2097.596458	5739
4	Main Street, Columbia Avenue to Strong Street	25,158	2515.79	2231	142	142	11.3%	45	712.057971	1837.109565	4780
5	Main Street, Strong Street to Oakley Avenue	26,799	2679.87	2359	160	160	12.0%	45	801.1301772	2066.915857	5227
6	Main Street, SR60 EB to Spruce Street	14,465	1446.5	1287	80	80	11.0%	45	399.0236824	1029.481101	2715
7	Main Street, Spruce Street to Poplar Street	14,594	1459.436	1434	13	13	1.8%	45	64.26272131	165.797821	1664
8	Orange Street, Pellisier Road to Center Street	6,699	669.9	610	30	30	9.0%	35	214.03305	575.77905	1399
9	Orange Street, Center Street to Garner Road	8,971	897.1	861	18	18	4.0%	35	128.7182176	346.2701347	1336
10	Orange Street, Garner Road to Columbia Avenue	11,385	1138.5	1108	15	15	2.7%	35	109.0161756	293.2688669	1510
11	Orange Street, Columbia Avenue to Strong Street	6,340	633.984	589	23	23	7.2%	35	161.064445	433.2860422	1183
12	Orange Street, Strong Street to Oakley Avenue	5,972	597.15	559	19	19	6.3%	35	134.0719166	360.672339	1054
13	West La Cadena Drive, Chase Road to I-215 SB Ramps	9,723	972.3	891	40	40	8.3%	40	234.4659288	610.4199181	1736
14	Pellisier Road, S. Riverside Avenue to Roquet Ranch	5,525	552.4557	503	25	25	9.0%	40	144.190948	375.393675	1022
15	Center Street, Main Street to Orange Street	5,883	588.3	256	166	166	56.6%	35	1181.228994	3177.672363	4614
16	Center Street, Orange Street to Stephens Avenue	11,499	1149.9	719	216	216	37.5%	40	1250.885854	3256.61662	5226
17	Center Street, Stephens Avenue to Highgrove Place	15,265	1526.5	1079	224	224	29.3%	40	1296.597416	3375.624307	5752
18	Garner Road, Main Street to Orange Street	0	0	#VALUE!	#VALUE!	#VALUE!	-	35	#VALUE!	#VALUE!	#VALUE!
19	Columbia Avenue, Main Street to Orange Street	18,406	1840.6	1582	129	129	14.0%	45	646.2712015	1667.3797	3896
20	Columbia Avenue, Orange Street to Primer Street	32,391	3239.1	2956	142	142	8.7%	45	708.4447083	1827.787347	5492
21	Columbia Street, Primer Street to E La Cadena Drive	42,045	4204.5	3736	234	234	11.1%	45	1171.012288	3021.211702	7928
22	Strong Street, Main Street to Orange Street	4,473	447.3	406	21	21	9.2%	35	146.1370536	393.1292569	945
23	Strong Street, Orange Street to W La Cadena Drive	2,806	280.6	266	7	7	5.3%	35	52.48731053	141.1982579	460
24	Market Street, Rivera Street to SR60 WB Ramps	31,722	3172.2	2942	115	115	7.3%	45	575.7041971	1485.316829	5003
	Alt 2 no Orange										
1	S. Riverside Avenue, Pellisier Road to Center Street	26770.6	2677.06	2029	324	324	24.2%	45	1619.983173	4179.556587	7829
2	Main Street, Center Street to Garner Road	25025.49	2502.549	2247	128	128	10.2%	45	638.0761451	1646.236454	4532
3	Main Street, Garner Road to Columbia Avenue	27703.38	2770.338	2445	163	163	11.7%	45	813.0218828	2097.596458	5356
4	Main Street, Columbia Avenue to Strong Street	25238.9	2523.89	2239	142	142	11.3%	45	712.057971	1837.109565	4788
5	Main Street, Strong Street to Oakley Avenue	27000.7	2700.07	2380	160	160	11.9%	45	801.1301772	2066.915857	5248
6	Main Street, SR60 EB to Spruce Street	15726	1572.6	1413	80	80	10.1%	45	399.0236824	1029.481101	2841
7	Main Street, Spruce Street to Poplar Street	15366.36	1536.636	1511	13	13	1.7%	45	64.26272131	165.797821	1741
8	Orange Street, Center Street to Garner Road	3212	321.2	285	18	18	11.3%	35	128.7182176	346.2701347	760
9	Orange Street, Garner Road to Columbia Avenue	5773	577.3	547	15	15	5.3%	35	109.0161756	293.2688669	949
10	Orange Street, Columbia Avenue to Strong Street	5509.84	550.984	506	23	23	8.2%	35	161.064445	433.2860422	1100
11	Orange Street, Strong Street to Oakley Avenue	6082.5	608.25	570	19	19	6.2%	35	134.0719166	360.672339	1065
12	West La Cadena Drive, Chase Road to I-215 SB Ramps	7194	719.4	639	40	40	11.2%	40	234.4659288	610.4199181	1483
13	Pellisier Road, S. Riverside Avenue to Roquet Ranch	12853	1285.3	938	174	174	27.0%	40	1006.3899	2620.08405	4565

14	Center Street, Main Street to Orange Street	4861	486.1	146	170	170	70.0%	35	1207.411647	3248.107389	4602
15	Center Street, Orange Street to Stephens Avenue	8678	867.8	424	222	222	51.2%	40	1287.327188	3351.489749	5063
16	Center Street, Stephens Avenue to Highgrove Place	11172	1117.2	656	230	230	41.2%	40	1336.21432	3478.764867	5471
17	Garner Road, Main Street to Orange Street	0	0	#VALUE!	#VALUE!	#VALUE!	-	35	#VALUE!	#VALUE!	#VALUE!
18	Columbia Avenue, Main Street to Orange Street	18665	1866.5	1608	129	129	13.8%	45	646.2712015	1667.3797	3922
19	Columbia Avenue, Orange Street to Primer Street	23188	2318.8	2035	142	142	12.2%	45	708.4447083	1827.787347	4572
20	Columbia Street, Primer Street to E La Cadena Drive	31212	3121.2	2653	234	234	15.0%	45	1171.012288	3021.211702	6845
21	Strong Street, Main Street to Orange Street	4315	431.5	390	21	21	9.5%	35	146.1370536	393.1292569	930
22	Strong Street, Orange Street to W La Cadena Drive	2452	245.2	230	7	7	6.0%	35	52.48731053	141.1982579	424
23	Market Street, Rivera Street to SR60 WB Ramps	30614	3061.4	2831	115	115	7.5%	45	575.7041971	1485.316829	4892
	2040 Alt 2 with Orange										
1	S. Riverside Avenue, Pellisier Road to Center Street	26095.6	2609.56	1962	324	324	24.8%	45	1619.983173	4179.556587	7761
2	Main Street, Center Street to Garner Road	25855.49	2585.549	2330	128	128	9.9%	45	638.0761451	1646.236454	4615
3	Main Street, Garner Road to Columbia Avenue	28621.38	2862.138	2537	163	163	11.4%	45	813.0218828	2097.596458	5448
4	Main Street, Columbia Avenue to Strong Street	23267.9	2326.79	2042	142	142	12.2%	45	712.057971	1837.109565	4591
5	Main Street, Strong Street to Oakley Avenue	24876.7	2487.67	2167	160	160	12.9%	45	801.1301772	2066.915857	5035
6	Main Street, SR60 EB to Spruce Street	15778	1577.8	1418	80	80	10.1%	45	399.0236824	1029.481101	2847
7	Main Street, Spruce Street to Poplar Street	15366.36	1536.636	1511	13	13	1.7%	45	64.26272131	165.797821	1741
8	Orange Street, Pellisier Road to Center Street	7553	755.3	551	102	102	27.0%	35	723.95505	1947.54105	3223
9	Orange Street, Center Street to Garner Road	7732	773.2	737	18	18	4.7%	35	128.7182176	346.2701347	1212
10	Orange Street, Garner Road to Columbia Avenue	9522	952.2	921	15	15	3.2%	35	109.0161756	293.2688669	1324
11	Orange Street, Columbia Avenue to Strong Street	6535.84	653.584	608	23	23	6.9%	35	161.064445	433.2860422	1203
12	Orange Street, Strong Street to Oakley Avenue	6064.5	606.45	569	19	19	6.2%	35	134.0719166	360.672339	1063
13	West La Cadena Drive, Chase Road to I-215 SB Ramps	8486	848.6	768	40	40	9.5%	40	234.4659288	610.4199181	1613
14	Pellisier Road, S. Riverside Avenue to Roquet Ranch	6500	650	475	88	88	27.0%	40	508.95	1325.025	2308
15	Center Street, Main Street to Orange Street	5556	555.6	215	170	170	61.2%	35	1207.411647	3248.107389	4671
16	Center Street, Orange Street to Stephens Avenue	9698	969.8	526	222	222	45.8%	40	1287.327188	3351.489749	5165
17	Center Street, Stephens Avenue to Highgrove Place	13362	1336.2	875	230	230	34.5%	40	1336.21432	3478.764867	5690
18	Garner Road, Main Street to Orange Street	0	0	#VALUE!	#VALUE!	#VALUE!	-	35	#VALUE!	#VALUE!	#VALUE!
19	Columbia Avenue, Main Street to Orange Street	18433	1843.3	1585	129	129	14.0%	45	646.2712015	1667.3797	3898
20	Columbia Avenue, Orange Street to Primer Street	24605	2460.5	2177	142	142	11.5%	45	708.4447083	1827.787347	4713
21	Columbia Street, Primer Street to E La Cadena Drive	36749	3674.9	3206	234	234	12.7%	45	1171.012288	3021.211702	7399
22	Strong Street, Main Street to Orange Street	4439	443.9	403	21	21	9.3%	35	146.1370536	393.1292569	942
23	Strong Street, Orange Street to W La Cadena Drive	2667	266.7	252	7	7	5.5%	35	52.48731053	141.1982579	446
24	Market Street, Rivera Street to SR60 WB Ramps	30524	3052.4	2822	115	115	7.5%	45	575.7041971	1485.316829	4883