



Arizona Department of Transportation

Environmental Planning

Addendum 1 to Final Noise Report

**SR 101L, 75th Ave to I-17
Adding General Purpose Lanes
& 75th Ave TI Improvements**

**Project No. 101 MA 16 F0316 01D
Federal No. 101-A(214)T**

February 16, 2022

Submittal Number 1

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Adding General Purpose Lanes
& 75th Ave TI Improvements

Project No. 101 MA 16 F0316 01D
Federal No. 101-A(214)T

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February 16, 2022

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EXECUTIVE SUMMARY

The *SR 101L, 75th Ave to I-17 Adding General Purpose Lanes & 75th Ave TI Improvements Final Noise Report*, dated August 3, 2021 recommended the construction of Barrier SWL-1130-R on the eastbound side of SR 101L, east of 47th Ave between Sta 1126+11 and Sta 1136+40. The height for the recommended barrier were 16 foot high above ground. In addition, the existing noise barrier E7 on the eastbound side of SR 101L between 41st Ave and 35th Ave was analyzed per the ADOT NAR criteria and met acoustic feasibility and the 7 dBA design goal. As a result, no modification to the existing noise barrier E7 was required.

Subsequent to the approval of the Final Noise Report during final design, the roadway design was revised. As directed by the project team, the following two items were evaluated in final design.

- Place the noise barrier SWL-1130-R immediately behind the proposed mainline barrier to minimize the frontage road impact. This is the area where existing noise barrier E6 would be increased/raised along the mainline and 51st Ave eastbound entrance ramp. A new noise barrier SWL-1130-R would be constructed along the mainline edge of pavement to connect the two existing walls and fill the current gap.
- A portion of the existing noise wall E7 between Sta 1169+79 and Sta 1196+36 along the eastbound mainline would be removed and replaced to create a two lane exit at eastbound 35th Ave. As a result, the relocated barrier segment would be along the new edge of pavement.

As shown in the Appendices, SWL-1130-R along the mainline edge of pavement would remain 16 foot high above ground. Compared to the original barrier alignment, the revised barrier alignment would provide equal or greater insertion loss for the corresponding receivers. For the relocated barrier E7, noise analysis indicated that the barrier height needed to be 14 foot above ground. Out of 25 corresponding receivers behind the barrier, 23 receivers would achieve equal or greater insertion loss. The project team concurred with these two barrier changes.

There are some minor revisions/additions to the project summary regarding the western project limits (MP 16.53) for light fixture replacement and a construction stage area in the NW corner of SR 101L and 35th Ave. These revision/additions would not affect the noise analysis results.

The following Appendices are included in this Addendum.

Appendix A – Noise Receiver and Recommended Noise Barrier Locations

Appendix B – Predicted Noise Levels

Appendix C – Recommended Barrier Dimensions and Coordinates

Appendix D – FHWA Traffic Noise Model (TNM) 2.5 Input Files

APPENDIX A

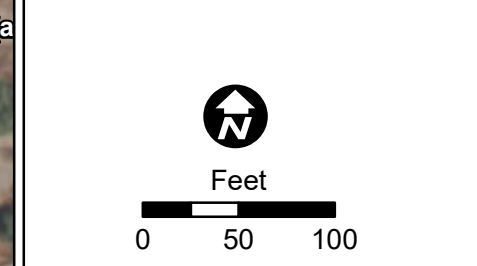
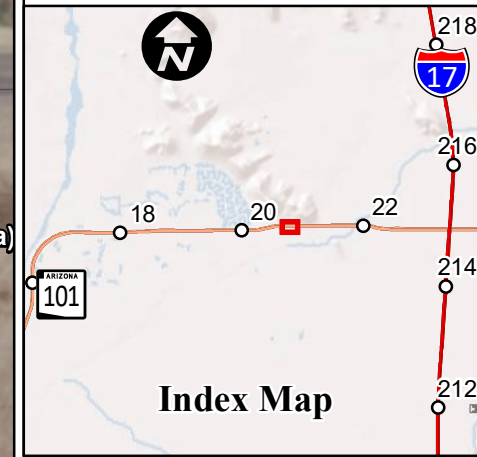
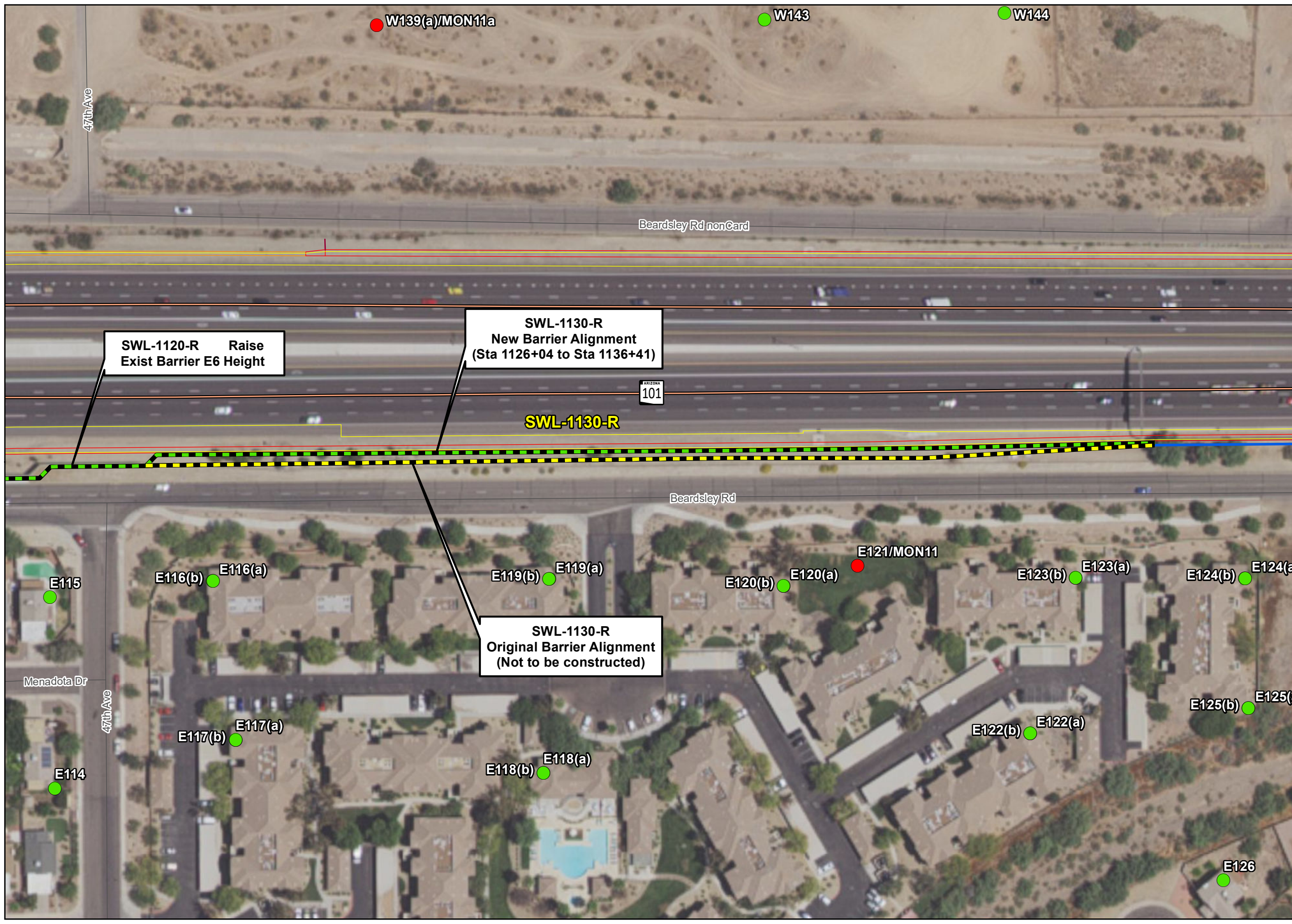
Noise Receiver and Recommended Barrier Locations

SR 101, 75th Ave - I-17
 General Purpose Lane's
 101 MA 12 F0316 01C
 101-A(214)T



Legend

- Noise Receivers
- Monitoring Sites
- Existing Noise Barriers
- Potential Noise Barriers
- Revised Noise Barriers



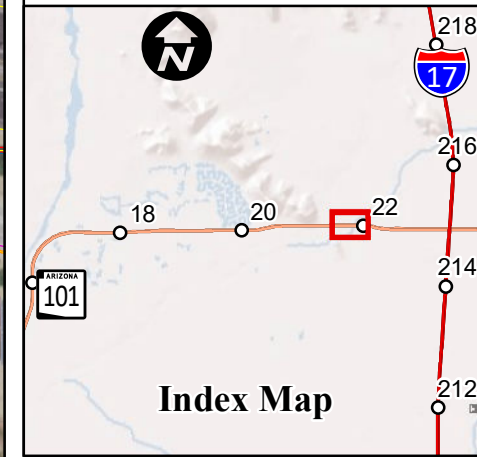
Source:
 ADOT ATIS (2013); AZTEC (2021)
 USDA NAIP Imagery (accessed in 2021)

Map Disclaimer: This map is intended for general siting purposes only.



Legend

- Noise Receivers
- Monitoring Sites
- Existing Noise Barriers
- Revised Noise Barriers



Source:
ADOT ATIS (2013); AZTEC (2021)
USDA NAIP Imagery (accessed in 2021)

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general siting purposes only.

APPENDIX B

Predicted Noise Levels

SR 101, 75th Ave - I-17, 101 MA 12 F0316 01D
 SWL-1130-R, 16 ft high (Final Design Barrier Alignment)

Rec ID	NAC Category	No. of Dwelling Units	Rec Description	Monitoring (dBA)	Future Build W/O Barrier (dBA)	Original Barrier Alignment		New Barrier Alignment	
						Future Build W/ Barrier (dBA)	Insertion Loss (dBA)	Future Build W/ Barrier (dBA)	Insertion Loss (dBA)
E116(a)	B	4	Adobe Ridge Apartments, 1st floor	---	71	65	6	65	6
E116(b)	B	4	Adobe Ridge Apartments, 2nd floor	---	79	70	9	70	9
E117(a)	B	4	Adobe Ridge Apartments, 1st floor	---	63	60	3	60	3
E117(b)	B	4	Adobe Ridge Apartments, 2nd floor	---	68	64	4	64	4
E118(a)	B	2	Adobe Ridge Apartments, 1st floor	---	66	59	7	59	7
E118(b)	B	2	Adobe Ridge Apartments, 2nd floor	---	69	62	7	62	7
E119(a)	B	4	Adobe Ridge Apartments, 1st floor	---	73	65	8	65	8
E119(b)	B	4	Adobe Ridge Apartments, 2nd floor	---	80	70	10	70	10
E120(a)	B	4	Adobe Ridge Apartments, 1st floor	---	73	67	6	67	6
E120(b)	B	4	Adobe Ridge Apartments, 2nd floor	---	80	70	10	70	10
E121/MON11	---	---	Monitoring Site	62	70	62	8	62	8
E122(a)	B	4	Adobe Ridge Apartments, 1st floor	---	62	60	2	60	2
E122(b)	B	4	Adobe Ridge Apartments, 2nd floor	---	66	63	3	62	4
E123(a)	B	4	Adobe Ridge Apartments, 1st floor	---	73	67	6	67	6
E123(b)	B	4	Adobe Ridge Apartments, 2nd floor	---	79	72	7	71	8
E124(a)	B	2	Adobe Ridge Apartments, 1st floor	---	70	67	3	66	4
E124(b)	B	2	Adobe Ridge Apartments, 2nd floor	---	76	72	4	72	4
E125(a)	B	2	Adobe Ridge Apartments, 1st floor	---	62	62	0	62	0
E125(b)	B	2	Adobe Ridge Apartments, 2nd floor	---	67	67	0	67	0

SR 101, 75th Ave - I-17, 101 MA 12 F0316 01D

Relocated Exist Barrier E7, 14 ft high (Final Design Barrier Alignment)

Rec ID	NAC Category	No. of Dwelling Units	Rec Description	Monitoring (dBA)	Future Build W/O Barrier (dBA)	Original Exist E7		Relocated Exist E7	
						Future Build W/ Barrier (dBA)	Insertion Loss (dBA)	Future Build W/ Barrier (dBA)	Insertion Loss (dBA)
E153a	B	3	Atonement Lutheran School	---	76	67	9	66	10
E153b	B	3	Atonement Lutheran School	---	77	68	9	68	9
E153c	B	2	Atonement Lutheran School	---	74	66	8	66	8
E153d	B	2	Atonement Lutheran School	---	70	63	7	64	6
E153e	B	2	Atonement Lutheran School	---	71	63	8	63	8
E154/MON13	C	---	Monitoring Site	63	80	70	10	69	11
E155	B	2	Single Family Home	---	75	69	6	68	7
E156	B	2	Single Family Home	---	71	65	6	65	6
E157	B	3	Single Family Home	---	71	65	6	65	6
E158	B	4	Single Family Home	---	68	63	5	63	5
E159	B	3	Single Family Home	---	75	70	5	69	6
E160	B	2	Single Family Home	---	73	68	5	68	5
E161	B	5	Single Family Home	---	71	65	6	66	5
E162	B	6	Single Family Home	---	74	69	5	69	5
E163	B	3	Single Family Home	---	70	65	5	65	5
E164	B	2	Single Family Home	---	75	69	6	68	7
E165	B	3	Single Family Home	---	71	65	6	65	6
E166	B	3	Single Family Home	---	69	63	6	62	7
E167	B	2	Single Family Home	---	72	65	7	64	8
E168a	C	2	The Meadows Baptist Church	---	74	67	7	66	8
E168b	C	3	The Meadows Baptist Church	---	75	68	7	66	9
E168c	C	2	The Meadows Baptist Church	---	74	67	7	66	8
E168d	C	2	The Meadows Baptist Church	---	70	65	5	64	6
E168e	C	1	The Meadows Baptist Church	---	70	63	7	62	8
E169	B	3	Single Family Home	---	76	68	8	67	9

APPENDIX C

Recommended Barrier Dimensions and Coordinates

Project Name: SR 101, 75th Ave - I-17, 101 MA 12 F0316 01D

Barrier Name: SWL-1130-R (Final Design Alignment)

Barrier Segment	Point No.	Stationing ^[1]	Easting (X) (ft)	Northing (Y) (ft)	Bottom Elevation (Z) (ft) ^[2]	Top Elevation (Z) (ft)	Segment Length (ft)	Segment Height (ft)
1	1	a 1126+04.11	625,902.60	971,238.20	1,318.54	1,334.54	16	16
	2	a 1126+15.13	625,913.60	971,249.20	1,317.73	1,333.73		
2	2	a 1126+15.13	625,913.60	971,249.20	1,317.73	1,333.73	200	16
	3	a 1128+15.13	626,113.60	971,250.70	1,318.86	1,334.86		
3	3	a 1128+15.13	626,113.60	971,250.70	1,318.86	1,334.86	200	16
	4	a 1130+15.13	626,313.60	971,252.30	1,319.69	1,335.69		
4	4	a 1130+15.13	626,313.60	971,252.30	1,319.69	1,335.69	200	16
	5	a 1132+15.13	626,513.60	971,253.80	1,320.80	1,336.80		
5	5	a 1132+15.13	626,513.60	971,253.80	1,320.80	1,336.80	200	16
	6	a 1134+15.13	626,713.50	971,256.40	1,320.55	1,336.55		
6	6	a 1134+15.13	626,713.50	971,256.40	1,320.55	1,336.55	200	16
	7	a 1136+15.11	626,913.50	971,261.00	1,321.77	1,337.77		
7	7	a 1136+15.11	626,913.50	971,261.00	1,321.77	1,337.77	27	16
	8	a 1136+41.75	626,940.10	971,261.60	1,321.95	1,337.95		

Notes:

^[1] The noise barrier stationings are relative to the SR 101L centerline stationings.

^[2] The noise barrier bottom elevations are derived from existing DTM.

^[3] The noise barrier coordinate points are for noise modeling purposes. Final designers need to refine the wall alignment to match other design features if needed.

Project Name: SR 101, 75th Ave - I-17, 101 MA 12 F0316 01D

Barrier Name: Relocated Exist Barrier E7 (Final Design Alignment)

Barrier Segment	Point No.	Stationing ^[1]	Easting (X) (ft)	Northing (Y) (ft)	Bottom Elevation (Z) (ft) ^[2]	Top Elevation (Z) (ft)	Segment Length (ft)	Segment Height (ft)
1	1	a 1169+79.63	630,277.90	971,289.20	1,337.93	1,351.93	200	14
	2	a 1171+78.99	630,477.40	971,274.80	1,335.90	1,349.90		
2	2	a 1171+78.99	630,477.40	971,274.80	1,335.90	1,349.90	29	14
	3	a 1172+07.43	630,505.80	971,272.70	1,335.83	1,349.83		
3	3	a 1172+07.43	630,505.80	971,272.70	1,335.83	1,349.83	200	14
	4	a 1174+07.43	630,705.80	971,274.30	1,335.95	1,349.95		
4	4	a 1174+07.43	630,705.80	971,274.30	1,335.95	1,349.95	200	14
	5	a 1176+07.43	630,905.80	971,275.80	1,337.12	1,351.12		
5	5	a 1176+07.43	630,905.80	971,275.80	1,337.12	1,351.12	200	14
	6	a 1178+07.43	631,105.80	971,277.30	1,337.60	1,351.60		
6	6	a 1178+07.43	631,105.80	971,277.30	1,337.60	1,351.60	200	14
	7	a 1180+07.43	631,305.80	971,278.90	1,338.18	1,352.18		
7	7	a 1180+07.43	631,305.80	971,278.90	1,338.18	1,352.18	200	14
	8	a 1182+07.43	631,505.80	971,280.40	1,339.82	1,353.82		
8	8	a 1182+07.43	631,505.80	971,280.40	1,339.82	1,353.82	200	14
	9	a 1184+07.43	631,705.80	971,282.00	1,342.62	1,356.62		
9	9	a 1184+07.43	631,705.80	971,282.00	1,342.62	1,356.62	200	14
	10	a 1186+07.43	631,905.80	971,283.50	1,343.88	1,357.88		
10	10	a 1186+07.43	631,905.80	971,283.50	1,343.88	1,357.88	200	14
	11	a 1188+07.43	632,105.80	971,285.10	1,345.51	1,359.51		
11	11	a 1188+07.43	632,105.80	971,285.10	1,345.51	1,359.51	61	14
	12	a 1188+68.67	632,167.00	971,285.60	1,345.80	1,359.80		
12	12	a 1188+68.67	632,167.00	971,285.60	1,345.80	1,359.80	200	14
	13	a 1190+68.18	632,366.60	971,273.10	1,347.28	1,361.28		
13	13	a 1190+68.18	632,366.60	971,273.10	1,347.28	1,361.28	200	14
	14	a 1192+68.44	632,566.20	971,260.70	1,350.01	1,364.01		
14	14	a 1192+68.44	632,566.20	971,260.70	1,350.01	1,364.01	100	14
	15	a 1193+70.30	632,666.00	971,254.50	1,350.74	1,364.74		
15	15	a 1193+70.30	632,666.00	971,254.50	1,350.74	1,364.74	100	14
	16	a 1194+73.56	632,765.60	971,245.20	1,351.93	1,365.93		
16	16	a 1194+73.56	632,765.60	971,245.20	1,351.93	1,365.93	100	14
	17	a 1195+77.32	632,864.50	971,230.60	1,352.48	1,366.48		
17	17	a 1195+77.32	632,864.50	971,230.60	1,352.48	1,366.48	57	14
	18	a 1196+36.29	632,920.40	971,220.00	1,352.77	1,366.77		

Notes:

^[1] The noise barrier stationings are relative to the SR 101L centerline stationings.

^[2] The noise barrier bottom elevations are derived from existing DTM.

^[3] The noise barrier coordinate points are for noise modeling purposes. Final designers need to refine the wall alignment to match other design features if needed.

APPENDIX D

**FHWA Traffic Noise Model (TNM) 2.5 Output Tables
(TNM Model to EP)**

INPUT: ROADWAYS

SR101 GPL, 75th Ave to I-17

		4+77.37	1209	623,208.7	970,821.9	1,304.90					
51stAve_NB	40.0	point1274	1274	623,270.1	970,607.6	1,305.00	Signal	10.00	100	Average	
		7+25.39	1212	623,270.8	970,711.1	1,305.20				Average	
		11+53.55	1213	623,262.6	971,139.2	1,304.10					
51stAve_EB_Offramp	12.0	point1286	1286	621,194.5	970,882.0	1,300.70				Average	
		34+00.00	923	621,394.4	970,875.6	1,303.40				Average	
		36+00.00	924	621,594.1	970,864.6	1,307.20				Average	
		38+00.00	925	621,793.7	970,852.4	1,309.00				Average	
		40+00.00	926	621,993.5	970,842.4	1,308.40				Average	
		42+00.00	927	622,193.1	970,829.8	1,305.30				Average	
		44+00.00	928	622,392.5	970,814.6	1,302.70				Average	
		46+00.00	929	622,591.6	970,795.8	1,302.20				Average	
		point1471	1471	622,691.5	970,791.1	1,302.55					
51stAve_WB_Offramp	24.0	point1287	1287	625,098.3	971,394.3	1,315.00				Average	
		a 1116+16	1107	624,900.2	971,366.5	1,314.10				Average	
		a 1114+18	1106	624,702.0	971,340.1	1,312.90				Average	
		a 1112+18	1105	624,503.5	971,315.5	1,312.10				Average	
		1109+41.0	1104	624,304.8	971,292.8	1,310.30				Average	
		1107+42.0	1103	624,105.9	971,271.6	1,308.90				Average	
		1105+42.5	1102	623,907.5	971,246.4	1,307.60				Average	
		point1494	1494	623,808.1	971,235.2	1,306.95					
SR101_EB_L3_4	24.0	point1288	1288	625,147.0	971,239.8	1,312.80				Average	
		84+00.00	975	625,345.7	971,262.0	1,314.10				Average	
		82+00.00	974	625,545.3	971,273.5	1,314.90				Average	
		80+00.00	973	625,745.2	971,277.1	1,316.40				Average	
		78+00.00	972	625,945.2	971,278.6	1,317.30				Average	
		76+00.00	971	626,145.2	971,280.2	1,318.20				Average	
		74+00.00	970	626,345.2	971,281.7	1,319.20				Average	
		72+00.00	969	626,545.2	971,283.3	1,320.70				Average	
		70+00.00	968	626,745.2	971,284.8	1,322.30				Average	
		68+00.00	967	626,945.2	971,286.4	1,324.30				Average	
		66+00.00	966	627,145.2	971,287.9	1,326.50				Average	
		64+00.00	965	627,345.2	971,289.4	1,328.20				Average	
		62+00.00	964	627,545.2	971,291.0	1,329.80				Average	
		60+00.00	963	627,745.2	971,292.5	1,331.20				Average	
		58+00.00	962	627,945.2	971,294.1	1,331.90				Average	
		56+00.00	961	628,145.2	971,295.6	1,332.60				Average	
		54+00.00	960	628,345.2	971,297.2	1,333.40				Average	
		52+00.00	959	628,545.2	971,298.7	1,333.90				Average	

INPUT: ROADWAYS

SR101 GPL, 75th Ave to I-17

		50+00.00	958	628,745.1	971,300.3	1,334.30				Average	
		48+00.00	957	628,945.1	971,301.8	1,334.80				Average	
		46+00.00	956	629,145.1	971,303.4	1,335.70				Average	
		44+00.00	955	629,345.1	971,304.9	1,336.30				Average	
		42+00.00	954	629,545.1	971,306.5	1,336.90				Average	
		40+00.00	953	629,745.1	971,308.0	1,337.60				Average	
		38+00.00	952	629,945.1	971,309.6	1,338.10				Average	
		36+00.00	951	630,145.1	971,311.1	1,338.60				Average	
		34+00.00	950	630,345.1	971,312.7	1,339.40				Average	
		32+00.00	949	630,545.1	971,314.2	1,340.10				Average	
		30+00.00	948	630,745.1	971,315.8	1,340.60				Average	
		28+00.00	947	630,945.1	971,317.3	1,341.40				Average	
		26+00.00	946	631,145.1	971,318.9	1,342.00					
SR101_WB_L3_4	24.0	point1301	1301	631,296.3	971,462.0	1,342.70				Average	
		a 1177+99	1138	631,096.3	971,460.5	1,341.90				Average	
		a 1175+99	1137	630,896.3	971,458.9	1,341.30				Average	
		a 1173+99	1136	630,696.3	971,457.4	1,340.60				Average	
		a 1171+99	1135	630,496.3	971,455.8	1,340.30				Average	
		a 1169+99	1134	630,296.3	971,454.3	1,339.50				Average	
		a 1167+99	1133	630,096.3	971,452.7	1,338.80				Average	
		a 1165+99	1132	629,896.3	971,451.2	1,338.30				Average	
		a 1163+99	1131	629,696.3	971,449.6	1,337.50				Average	
		a 1161+99	1130	629,496.3	971,448.1	1,336.80				Average	
		a 1159+99	1129	629,296.3	971,446.6	1,336.10				Average	
		a 1157+99	1128	629,096.3	971,445.0	1,335.60				Average	
		a 1155+99	1127	628,896.3	971,443.5	1,334.80				Average	
		a 1153+99	1126	628,696.4	971,441.9	1,334.20				Average	
		a 1151+99	1125	628,496.4	971,440.4	1,333.70				Average	
		a 1149+99	1124	628,296.4	971,438.8	1,333.10				Average	
		a 1147+99	1123	628,096.4	971,437.3	1,332.40				Average	
		a 1145+99	1122	627,896.4	971,435.7	1,331.70				Average	
		a 1143+99	1121	627,696.4	971,434.2	1,330.80				Average	
		a 1141+99	1120	627,496.4	971,432.7	1,329.60				Average	
		a 1139+99	1119	627,296.4	971,432.0	1,327.90				Average	
		a 1137+99	1118	627,096.4	971,432.5	1,325.70				Average	
		a 1135+99	1117	626,896.4	971,433.3	1,323.70				Average	
		a 1133+99	1116	626,696.4	971,434.2	1,321.80				Average	
		a 1131+99	1115	626,496.4	971,435.0	1,320.10				Average	
		a 1129+99	1114	626,296.4	971,435.8	1,318.80				Average	

INPUT: ROADWAYS

SR101 GPL, 75th Ave to I-17

		a 1127+99	1113	626,096.4	971,436.6	1,317.80				Average	
		a 1125+99	1112	625,896.4	971,437.5	1,318.00				Average	
		a 1123+99	1111	625,696.4	971,437.1	1,317.60				Average	
		a 1122+02	1110	625,496.4	971,431.3	1,317.00				Average	
		a 1120+07	1109	625,297.0	971,417.1	1,316.30				Average	
		a 1118+11	1108	625,098.3	971,394.3	1,315.00					
EB_FR_5	24.0	point1364	1364	623,274.5	970,768.4	1,305.17	Signal	15.00	100	Average	
		point1362	1362	623,346.3	970,774.8	1,305.33				Average	
		164+00.00	622	623,418.2	970,781.3	1,305.50				Average	
		166+00.00	623	623,614.8	970,818.1	1,306.30					
WB_FR_4	24.0	point1368	1368	623,182.3	971,184.4	1,303.63	Signal	15.00	100	Average	
		162+00.00	788	623,115.7	971,181.4	1,303.30				Average	
		160+00.00	787	622,915.9	971,172.3	1,302.50				Average	
		158+00.00	786	622,716.0	971,179.5	1,301.40					
SR101_EB_L2_7	60.0	point1402	1402	621,225.8	970,916.4	1,302.20				Average	
		1082+15.6	133	621,625.8	970,916.8	1,309.80				Average	
		1086+15.6	134	622,025.8	970,917.3	1,319.50				Average	
		1090+15.6	135	622,425.8	970,917.7	1,326.60				Average	
		1094+15.6	136	622,825.8	970,918.1	1,330.10				Average	
		1095+48	1326	622,959.1	970,919.9	1,330.13				Average	
		1096+81	1327	623,092.5	970,921.6	1,330.17				Average	Y
		1098+13.6	137	623,225.8	970,923.4	1,330.20				Average	Y
		1099+46	1330	623,358.4	970,936.3	1,329.30				Average	Y
		1100+79	1331	623,491.1	970,949.2	1,328.40				Average	
		1102+09.0	138	623,623.7	970,962.2	1,327.50				Average	
		1106+06.4	139	624,016.6	971,037.1	1,320.60				Average	
		1110+06.4	140	624,408.1	971,119.3	1,313.20				Average	
		a 1114+85	141	624,799.6	971,201.5	1,312.10				Average	
		a 1118+88	142	625,193.4	971,270.1	1,313.90					
SR101_EB_L1_7	50.0	point1403	1403	621,218.1	970,940.4	1,302.50				Average	
		1082+07.9	39	621,618.1	970,940.8	1,310.00				Average	
		1086+07.9	40	622,018.1	970,941.3	1,319.80				Average	
		1090+07.9	41	622,418.1	970,941.7	1,327.00				Average	
		1094+07.9	42	622,818.1	970,942.1	1,330.20				Average	
		1095+40	1324	622,951.4	970,943.8	1,330.20				Average	
		1096+73	1325	623,084.7	970,945.4	1,330.20				Average	Y
		1098+07.0	43	623,218.0	970,947.0	1,330.20				Average	Y
		1099+40	1328	623,350.7	970,959.8	1,329.03				Average	Y
		1100+73	1329	623,483.3	970,972.6	1,327.87				Average	

INPUT: ROADWAYS

SR101 GPL, 75th Ave to I-17

		1102+04.8	44	623,616.0	970,985.3	1,326.70				Average
		1106+03.6	45	624,009.0	971,060.0	1,320.70				Average
		1110+03.6	46	624,400.4	971,142.2	1,313.60				Average
		a 1114+82	47	624,791.9	971,224.4	1,312.60				Average
		a 1118+84	48	625,185.7	971,293.3	1,314.80				
SR101_EB_L2_8	60.0	point1404	1404	625,193.4	971,270.1	1,313.90				Average
		a 1122+93	143	625,592.1	971,298.9	1,316.10				Average
		a 1126+94	144	625,992.1	971,303.0	1,318.10				Average
		a 1130+94	145	626,392.1	971,306.1	1,319.90				Average
		a 1134+94	146	626,792.1	971,309.2	1,323.20				Average
		a 1138+94	147	627,192.1	971,312.3	1,327.40				Average
		a 1142+94	148	627,592.1	971,315.4	1,330.70				Average
		a 1146+94	149	627,992.1	971,318.5	1,332.90				Average
		a 1150+94	150	628,392.0	971,321.6	1,334.20				Average
		a 1154+94	151	628,792.0	971,324.6	1,335.60				Average
		a 1158+94	152	629,192.0	971,327.7	1,336.40				Average
		a 1162+94	153	629,592.0	971,330.8	1,337.60				Average
		a 1166+94	154	629,992.0	971,333.9	1,338.80				Average
		a 1170+94	155	630,392.0	971,337.0	1,340.30				Average
		a 1174+94	156	630,792.0	971,340.1	1,341.40				Average
		a 1178+94	157	631,192.0	971,343.2	1,342.90				
SR101_EB_L1_8	50.0	point1405	1405	625,185.7	971,293.3	1,314.80				Average
		a 1122+86	49	625,584.4	971,322.7	1,316.70				Average
		a 1126+86	50	625,984.4	971,326.9	1,318.60				Average
		a 1130+86	51	626,384.4	971,330.0	1,320.30				Average
		a 1134+86	52	626,784.4	971,333.1	1,323.50				Average
		a 1138+86	53	627,184.4	971,336.2	1,327.60				Average
		a 1142+86	54	627,584.4	971,339.3	1,331.10				Average
		a 1146+86	55	627,984.4	971,342.4	1,333.00				Average
		a 1150+86	56	628,384.3	971,345.5	1,334.40				Average
		a 1154+86	57	628,784.3	971,348.6	1,335.90				Average
		a 1158+86	58	629,184.3	971,351.7	1,336.90				Average
		a 1162+86	59	629,584.3	971,354.8	1,338.00				Average
		a 1166+86	60	629,984.3	971,357.9	1,339.60				Average
		a 1170+86	61	630,384.3	971,361.0	1,340.90				Average
		a 1174+86	62	630,784.3	971,364.1	1,342.00				Average
		a 1178+86	63	631,184.3	971,367.2	1,343.40				
SR101_WB_L1_8	50.0	point1414	1414	631,305.1	971,414.1	1,343.55				Average
		a 1178+07	251	631,105.2	971,412.5	1,342.90				Average

INPUT: ROADWAYS

SR101 GPL, 75th Ave to I-17

		a 1174+07	250	630,705.2	971,409.5	1,341.50				Average	
		a 1170+07	249	630,305.2	971,406.4	1,340.40				Average	
		a 1166+07	248	629,905.2	971,403.3	1,339.20				Average	
		a 1162+07	247	629,505.2	971,400.2	1,337.80				Average	
		a 1158+07	246	629,105.2	971,397.1	1,336.40				Average	
		a 1154+07	245	628,705.2	971,394.0	1,335.10				Average	
		a 1150+07	244	628,305.2	971,390.9	1,334.20				Average	
		a 1146+07	243	627,905.3	971,387.8	1,332.90				Average	
		a 1142+07	242	627,505.3	971,384.7	1,330.60				Average	
		a 1138+07	241	627,105.3	971,384.5	1,326.70				Average	
		a 1134+07	240	626,705.3	971,386.1	1,322.70				Average	
		a 1130+07	239	626,305.3	971,387.8	1,319.50				Average	
		a 1126+07	238	625,905.3	971,389.4	1,317.60				Average	
		a 1122+09	237	625,505.4	971,383.7	1,315.70				Average	
		a 1118+13	236	625,107.2	971,347.1	1,313.80					
SR101_WB_L2_8	60.0	point1415	1415	631,297.1	971,438.1	1,343.15				Average	
		a 1177+99	337	631,097.1	971,436.5	1,342.40				Average	
		a 1173+99	336	630,697.1	971,433.4	1,341.00				Average	
		a 1169+99	335	630,297.1	971,430.3	1,340.00				Average	
		a 1165+99	334	629,897.1	971,427.2	1,338.80				Average	
		a 1161+99	333	629,497.1	971,424.1	1,337.30				Average	
		a 1157+99	332	629,097.2	971,421.0	1,335.90				Average	
		a 1153+99	331	628,697.2	971,417.9	1,334.80				Average	
		a 1149+99	330	628,297.2	971,414.8	1,333.70				Average	
		a 1145+99	329	627,897.2	971,411.7	1,332.30				Average	
		a 1141+99	328	627,497.2	971,408.7	1,330.00				Average	
		a 1137+99	327	627,097.2	971,408.5	1,326.20				Average	
		a 1133+99	326	626,697.2	971,410.2	1,322.20				Average	
		a 1130+00	325	626,297.2	971,411.8	1,319.10				Average	
		a 1126+00	324	625,897.2	971,413.5	1,317.80				Average	
		a 1122+02	323	625,497.3	971,407.3	1,316.50				Average	
		a 1118+09	322	625,099.1	971,370.2	1,314.50					
SR101_WB_L2_7	60.0	point1416	1416	625,099.1	971,370.2	1,314.50				Average	
		a 1114+13	321	624,705.6	971,299.3	1,312.30				Average	
		1109+34.6	320	624,315.4	971,211.2	1,313.90				Average	
		1105+34.6	319	623,925.4	971,122.4	1,321.30				Average	
		1101+30.4	318	623,532.4	971,048.7	1,327.20				Average	
		1099+27	1322	623,333.2	971,031.9	1,329.10				Average	Y
		1097+25.1	317	623,134.0	971,015.0	1,331.00				Average	Y

INPUT: ROADWAYS

SR101 GPL, 75th Ave to I-17

		1093+24.0	316	622,734.1	971,012.0	1,329.60				Average	
		1089+24.0	315	622,334.1	971,011.6	1,325.30				Average	
		1085+24.0	314	621,934.1	971,011.2	1,317.30				Average	
		1081+24.0	313	621,534.1	971,010.7	1,307.20				Average	
		1077+24.0	312	621,134.1	971,010.3	1,300.70					
SR101_WB_L1_7	50.0	point1417	1417	625,107.2	971,347.1	1,313.80				Average	
		a 1114+16	235	624,713.6	971,276.5	1,312.10				Average	
		1109+37.7	234	624,323.4	971,188.4	1,314.40				Average	
		1105+37.8	233	623,933.4	971,099.6	1,321.70				Average	
		1101+35.4	232	623,540.4	971,025.6	1,328.20				Average	
		1099+34	1323	623,341.2	971,008.5	1,329.60				Average	Y
		1097+32.6	231	623,142.0	970,991.3	1,331.00				Average	Y
		1093+31.9	230	622,742.1	970,988.0	1,330.10				Average	
		1089+31.9	229	622,342.1	970,987.6	1,326.00				Average	
		1085+31.9	228	621,942.1	970,987.2	1,318.00				Average	
		1081+31.9	227	621,542.1	970,986.7	1,308.00				Average	
		1077+31.9	226	621,142.1	970,986.3	1,301.20					
WB_FR_5-2	24.0	point1437	1437	631,289.2	971,556.7	1,341.00				Average	
		242+00.00	828	631,089.3	971,551.5	1,339.90				Average	
		240+00.00	827	630,889.3	971,546.4	1,339.10				Average	
		238+00.00	826	630,689.4	971,541.0	1,338.20				Average	
		236+00.00	825	630,489.5	971,535.5	1,337.40				Average	
		234+00.00	824	630,289.5	971,530.4	1,336.50				Average	
		232+00.00	823	630,089.6	971,525.2	1,335.70				Average	
		230+00.00	822	629,889.7	971,520.0	1,334.90				Average	
		228+00.00	821	629,689.7	971,514.8	1,333.70				Average	
		226+00.00	820	629,489.8	971,509.7	1,332.90				Average	
		224+00.00	819	629,289.9	971,504.7	1,332.50				Average	
		222+00.00	818	629,089.9	971,499.3	1,332.70				Average	
		220+00.00	817	628,890.0	971,493.9	1,333.40				Average	
		218+00.00	816	628,690.1	971,489.0	1,334.20				Average	
		216+00.00	815	628,490.1	971,484.0	1,335.10				Average	
		214+00.00	814	628,290.1	971,482.2	1,335.70				Average	
		212+00.00	813	628,090.2	971,480.3	1,335.50				Average	
		210+00.00	812	627,890.2	971,478.8	1,333.70				Average	
		208+00.00	811	627,690.2	971,477.3	1,331.10				Average	
		206+00.00	810	627,490.2	971,476.3	1,328.10				Average	
		204+00.00	809	627,290.2	971,475.3	1,325.50				Average	
		202+00.00	808	627,090.2	971,477.4	1,323.70				Average	

INPUT: ROADWAYS

SR101 GPL, 75th Ave to I-17

		200+00.00	807	626,890.2	971,479.4	1,322.50				Average
		198+00.00	806	626,690.2	971,482.9	1,321.70				Average
		196+00.00	805	626,490.3	971,486.3	1,320.70				Average
		194+00.00	804	626,290.3	971,489.8	1,319.80				Average
		192+00.00	803	626,090.3	971,493.4	1,318.80				Average
		190+00.00	802	625,890.3	971,496.6	1,318.30				Average
		188+00.00	801	625,690.4	971,499.9	1,317.30				Average
		186+00.00	800	625,490.4	971,500.4	1,316.20				Average
		184+00.00	799	625,290.4	971,500.9	1,315.20				Average
		182+00.00	798	625,092.4	971,472.5	1,313.70				Average
		180+00.00	797	624,894.4	971,444.1	1,312.80				Average
		178+00.00	796	624,697.8	971,407.4	1,311.40				Average
		176+00.00	795	624,501.2	971,370.7	1,310.00				Average
		174+00.00	794	624,305.1	971,331.7	1,309.40				Average
		172+00.00	793	624,108.9	971,292.7	1,308.50				Average
		170+00.00	792	623,910.8	971,264.9	1,307.30				Average
		point1490	1490	623,811.8	971,251.0	1,306.75				
51stAve_EB_Offramp-2	12.0	point1472	1472	623,081.6	970,778.4	1,304.35				Average
		51+80.92	932	623,172.1	970,775.9	1,304.80				
51stAve_EB_Offramp-2	12.0	point1473	1473	622,691.5	970,791.1	1,302.55				Average
		48+00.00	930	622,791.3	970,786.5	1,302.90				Average
		50+00.00	931	622,991.2	970,780.9	1,303.90				Average
		point1470	1470	623,081.6	970,778.4	1,304.35				
EB_FR_4-2-2	24.0	point1475	1475	623,110.5	970,764.4	1,304.40				Average
		162+00.00	621	623,202.6	970,761.9	1,305.00				
EB_FR_4-2-2	24.0	point1477	1477	622,718.6	970,774.1	1,302.35				Average
		158+00.00	619	622,818.5	970,771.7	1,302.70				Average
		160+00.00	620	623,018.4	970,766.8	1,303.80				Average
		point1474	1474	623,110.5	970,764.4	1,304.40				
EB_FR_5-2	24.0	point1478	1478	623,614.8	970,818.1	1,306.30				Average
		168+00.00	624	623,811.4	970,854.9	1,307.30				Average
		170+00.00	625	624,005.3	970,903.5	1,308.30				Average
		172+00.00	626	624,199.3	970,952.2	1,309.30				Average
		174+00.00	627	624,393.3	971,000.8	1,310.20				Average
		176+00.00	628	624,587.4	971,049.3	1,311.30				Average
		178+00.00	629	624,782.6	971,092.8	1,312.50				Average
		180+00.00	630	624,977.8	971,136.2	1,313.80				Average
		182+00.00	631	625,176.1	971,162.6	1,314.70				Average
		184+00.00	632	625,374.3	971,189.0	1,316.40				Average

INPUT: ROADWAYS

SR101 GPL, 75th Ave to I-17

		186+00.00	633	625,574.1	971,197.3	1,317.60				Average	
		188+00.00	634	625,774.0	971,205.6	1,318.40				Average	
		190+00.00	635	625,974.0	971,207.3	1,318.90				Average	
		192+00.00	636	626,174.0	971,209.0	1,318.40				Average	
		194+00.00	637	626,373.9	971,211.0	1,320.30				Average	
		196+00.00	638	626,573.9	971,213.0	1,321.90				Average	
		198+00.00	639	626,773.9	971,214.3	1,322.60				Average	
		200+00.00	640	626,973.9	971,215.6	1,323.10				Average	
		202+00.00	641	627,173.9	971,217.4	1,324.10				Average	
		204+00.00	642	627,373.9	971,219.3	1,325.30				Average	
		206+00.00	643	627,573.9	971,221.0	1,326.30				Average	
		208+00.00	644	627,773.9	971,222.7	1,326.60				Average	
		210+00.00	645	627,973.9	971,224.5	1,327.30				Average	
		212+00.00	646	628,173.9	971,226.3	1,327.80				Average	
		214+00.00	647	628,373.9	971,227.9	1,328.10				Average	
		216+00.00	648	628,573.9	971,229.6	1,328.80				Average	
		218+00.00	649	628,773.9	971,231.1	1,329.10				Average	
		220+00.00	650	628,973.9	971,232.5	1,329.60				Average	
		222+00.00	651	629,173.9	971,234.1	1,330.10				Average	
		224+00.00	652	629,373.8	971,235.6	1,332.00				Average	
		226+00.00	653	629,573.8	971,236.9	1,332.80				Average	
		228+00.00	654	629,773.8	971,238.2	1,332.40				Average	
		230+00.00	655	629,973.8	971,239.8	1,334.30				Average	
		232+00.00	656	630,173.8	971,241.4	1,336.30				Average	
		234+00.00	657	630,373.8	971,242.9	1,336.40				Average	
		236+00.00	658	630,573.8	971,244.4	1,336.10				Average	
		238+00.00	659	630,773.8	971,245.9	1,336.90				Average	
		240+00.00	660	630,973.8	971,247.4	1,337.50				Average	
		242+00.00	661	631,173.8	971,249.0	1,338.30					
WB_FR_5-2-2	24.0	point1489	1489	623,414.8	971,202.1	1,304.80				Average	
		164+00.00	789	623,315.5	971,190.5	1,304.30				Average	
		point1365	1365	623,268.9	971,189.0	1,303.97					
WB_FR_5-2-2	24.0	point1491	1491	623,811.8	971,251.0	1,306.75				Average	
		168+00.00	791	623,712.8	971,237.1	1,306.20				Average	
		166+00.00	790	623,514.1	971,213.8	1,305.30				Average	
		point1488	1488	623,414.8	971,202.1	1,304.80					
51stAve_WB_Offramp-2	24.0	point1493	1493	623,410.7	971,189.9	1,304.90				Average	
		1099+16.3	1099	623,311.4	971,178.2	1,304.40					
51stAve_WB_Offramp-2	24.0	point1495	1495	623,808.1	971,235.2	1,306.95				Average	

INPUT: ROADWAYS

SR101 GPL, 75th Ave to I-17

		1103+38.5	1101	623,708.8	971,224.1	1,306.30				Average
		1101+27.7	1100	623,510.0	971,201.5	1,305.40				Average
		point1492	1492	623,410.7	971,189.9	1,304.90				
WB_FR_4-2	24.0	point1496	1496	622,716.0	971,179.5	1,301.40				Average
		156+00.00	785	622,516.2	971,186.7	1,301.40				Average
		154+00.00	784	622,316.2	971,189.4	1,300.70				Average
		152+00.00	783	622,116.2	971,192.1	1,300.00				Average
		150+00.00	782	621,916.2	971,192.6	1,299.30				Average
		148+00.00	781	621,716.2	971,193.2	1,298.80				Average
		146+00.00	780	621,516.2	971,193.6	1,298.40				Average
		144+00.00	779	621,316.2	971,193.9	1,297.60				Average
		142+00.00	778	621,116.2	971,194.2	1,296.40				
EB_FR_4-2-2	24.0	point1506	1506	621,218.6	970,783.3	1,296.90				Average
		144+00.00	612	621,418.6	970,778.9	1,297.50				Average
		146+00.00	613	621,618.6	970,777.4	1,298.50				Average
		148+00.00	614	621,818.6	970,776.0	1,300.70				Average
		150+00.00	615	622,018.6	970,776.1	1,302.70				Average
		152+00.00	616	622,218.6	970,776.2	1,303.30				Average
		154+00.00	617	622,418.6	970,776.4	1,301.80				Average
		156+00.00	618	622,618.6	970,776.5	1,302.00				Average
		point1476	1476	622,718.6	970,774.1	1,302.35				
EB_FR_5-2-2	24.0	point1511	1511	631,173.8	971,249.0	1,338.30				Average
		244+00.00	662	631,373.8	971,250.5	1,339.50				
51stAve_SB-2	40.0	point1512	1512	623,208.7	970,821.9	1,304.90	Signal	10.00	100	Average
		6+27.06	1210	623,214.1	970,599.8	1,304.70				
51stAve_NB-2	40.0	point1513	1513	623,262.6	971,139.2	1,304.10	Signal	10.00	100	Average
		13+16.05	1214	623,261.3	971,390.8	1,303.90				

INPUT: TRAFFIC FOR LAeq1h Volumes

SR101 GPL, 75th Ave to I-17

AZTEC		11 November 2021										
AZTEC		TNM 2.5										
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:		SR101 GPL, 75th Ave to I-17										
RUN:		SR101 GPL, 75th Ave to I-17, Build_FD										
Roadway	Points											
Name	Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
			Autos		V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
51stAve_EB_Onramp	104+94.27	986	1159	50	47	50	11	50	0	0	0	0
	104+00.00	985	1159	50	47	50	11	50	0	0	0	0
	102+00.00	984	1159	50	47	50	11	50	0	0	0	0
	100+00.00	983	1159	50	47	50	11	50	0	0	0	0
	98+00.00	982	1159	50	47	50	11	50	0	0	0	0
	96+00.00	981	1159	50	47	50	11	50	0	0	0	0
	94+00.00	980	1159	50	47	50	11	50	0	0	0	0
	92+00.00	979	1159	50	47	50	11	50	0	0	0	0
	90+00.00	978	1159	50	47	50	11	50	0	0	0	0
	88+00.00	977	1159	50	47	50	11	50	0	0	0	0
	86+00.00	976										
51stAve_WB_Onramp	47+10.81	1098	700	50	27	50	3	50	0	0	0	0
	46+00.00	1097	700	50	27	50	3	50	0	0	0	0
	44+00.00	1096	700	50	27	50	3	50	0	0	0	0
	42+00.00	1095	700	50	27	50	3	50	0	0	0	0
	40+00.00	1094	700	50	27	50	3	50	0	0	0	0
	38+00.00	1093	700	50	27	50	3	50	0	0	0	0
	36+00.00	1092	700	50	27	50	3	50	0	0	0	0
	34+00.00	1091	700	50	27	50	3	50	0	0	0	0
	32+00.00	1090	700	50	27	50	3	50	0	0	0	0
	30+00.00	1089	700	50	27	50	3	50	0	0	0	0
	28+00.00	1088	700	50	27	50	3	50	0	0	0	0
	26+00.00	1087										

INPUT: TRAFFIC FOR LAeq1h Volumes

SR101 GPL, 75th Ave to I-17

51stAve_SB	0+00.00	1207	284	50	17	50	1	50	0	0	0	0
	0+54.39	1208	284	50	17	50	1	50	0	0	0	0
	4+77.37	1209										
51stAve_NB	point1274	1274	1507	50	53	50	6	50	0	0	0	0
	7+25.39	1212	1507	50	53	50	6	50	0	0	0	0
	11+53.55	1213										
51stAve_EB_Offramp	point1286	1286	492	50	18	50	2	50	0	0	0	0
	34+00.00	923	492	50	18	50	2	50	0	0	0	0
	36+00.00	924	492	50	18	50	2	50	0	0	0	0
	38+00.00	925	492	50	18	50	2	50	0	0	0	0
	40+00.00	926	492	50	18	50	2	50	0	0	0	0
	42+00.00	927	492	50	18	50	2	50	0	0	0	0
	44+00.00	928	492	50	18	50	2	50	0	0	0	0
	46+00.00	929	492	50	18	50	2	50	0	0	0	0
	point1471	1471										
51stAve_WB_Offramp	point1287	1287	1245	50	51	50	11	50	0	0	0	0
	a 1116+16.12	1107	1245	50	51	50	11	50	0	0	0	0
	a 1114+18.24	1106	1245	50	51	50	11	50	0	0	0	0
	a 1112+18.95	1105	1245	50	51	50	11	50	0	0	0	0
	1109+41.02	1104	1245	50	51	50	11	50	0	0	0	0
	1107+42.04	1103	1245	50	51	50	11	50	0	0	0	0
	1105+42.58	1102	1245	50	51	50	11	50	0	0	0	0
	point1494	1494										
SR101_EB_L3_4	point1288	1288	3530	70	297	70	71	70	0	0	0	0
	84+00.00	975	3530	70	297	70	71	70	0	0	0	0
	82+00.00	974	3530	70	297	70	71	70	0	0	0	0
	80+00.00	973	3530	70	297	70	71	70	0	0	0	0
	78+00.00	972	3530	70	297	70	71	70	0	0	0	0
	76+00.00	971	3530	70	297	70	71	70	0	0	0	0
	74+00.00	970	3530	70	297	70	71	70	0	0	0	0
	72+00.00	969	3530	70	297	70	71	70	0	0	0	0
	70+00.00	968	3530	70	297	70	71	70	0	0	0	0
	68+00.00	967	3530	70	297	70	71	70	0	0	0	0
	66+00.00	966	3530	70	297	70	71	70	0	0	0	0
	64+00.00	965	3530	70	297	70	71	70	0	0	0	0
	62+00.00	964	3530	70	297	70	71	70	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

SR101 GPL, 75th Ave to I-17

	60+00.00	963	3530	70	297	70	71	70	0	0	0	0
	58+00.00	962	3530	70	297	70	71	70	0	0	0	0
	56+00.00	961	3530	70	297	70	71	70	0	0	0	0
	54+00.00	960	3530	70	297	70	71	70	0	0	0	0
	52+00.00	959	3530	70	297	70	71	70	0	0	0	0
	50+00.00	958	3530	70	297	70	71	70	0	0	0	0
	48+00.00	957	3530	70	297	70	71	70	0	0	0	0
	46+00.00	956	3530	70	297	70	71	70	0	0	0	0
	44+00.00	955	3530	70	297	70	71	70	0	0	0	0
	42+00.00	954	3530	70	297	70	71	70	0	0	0	0
	40+00.00	953	3530	70	297	70	71	70	0	0	0	0
	38+00.00	952	3530	70	297	70	71	70	0	0	0	0
	36+00.00	951	3530	70	297	70	71	70	0	0	0	0
	34+00.00	950	3530	70	297	70	71	70	0	0	0	0
	32+00.00	949	3530	70	297	70	71	70	0	0	0	0
	30+00.00	948	3530	70	297	70	71	70	0	0	0	0
	28+00.00	947	3530	70	297	70	71	70	0	0	0	0
	26+00.00	946										
SR101_WB_L3_4	point1301	1301	3544	70	313	70	66	70	0	0	0	0
	a 1177+99.32	1138	3544	70	313	70	66	70	0	0	0	0
	a 1175+99.32	1137	3544	70	313	70	66	70	0	0	0	0
	a 1173+99.32	1136	3544	70	313	70	66	70	0	0	0	0
	a 1171+99.32	1135	3544	70	313	70	66	70	0	0	0	0
	a 1169+99.32	1134	3544	70	313	70	66	70	0	0	0	0
	a 1167+99.32	1133	3544	70	313	70	66	70	0	0	0	0
	a 1165+99.32	1132	3544	70	313	70	66	70	0	0	0	0
	a 1163+99.32	1131	3544	70	313	70	66	70	0	0	0	0
	a 1161+99.32	1130	3544	70	313	70	66	70	0	0	0	0
	a 1159+99.32	1129	3544	70	313	70	66	70	0	0	0	0
	a 1157+99.32	1128	3544	70	313	70	66	70	0	0	0	0
	a 1155+99.32	1127	3544	70	313	70	66	70	0	0	0	0
	a 1153+99.32	1126	3544	70	313	70	66	70	0	0	0	0
	a 1151+99.32	1125	3544	70	313	70	66	70	0	0	0	0
	a 1149+99.32	1124	3544	70	313	70	66	70	0	0	0	0
	a 1147+99.32	1123	3544	70	313	70	66	70	0	0	0	0
	a 1145+99.32	1122	3544	70	313	70	66	70	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

SR101 GPL, 75th Ave to I-17

	a 1143+99.32	1121	3544	70	313	70	66	70	0	0	0	0
	a 1141+99.32	1120	3544	70	313	70	66	70	0	0	0	0
	a 1139+99.33	1119	3544	70	313	70	66	70	0	0	0	0
	a 1137+99.34	1118	3544	70	313	70	66	70	0	0	0	0
	a 1135+99.35	1117	3544	70	313	70	66	70	0	0	0	0
	a 1133+99.36	1116	3544	70	313	70	66	70	0	0	0	0
	a 1131+99.38	1115	3544	70	313	70	66	70	0	0	0	0
	a 1129+99.39	1114	3544	70	313	70	66	70	0	0	0	0
	a 1127+99.41	1113	3544	70	313	70	66	70	0	0	0	0
	a 1125+99.42	1112	3544	70	313	70	66	70	0	0	0	0
	a 1123+99.71	1111	3544	70	313	70	66	70	0	0	0	0
	a 1122+02.53	1110	3544	70	313	70	66	70	0	0	0	0
	a 1120+07.12	1109	3544	70	313	70	66	70	0	0	0	0
	a 1118+11.74	1108										
EB_FR_5	point1364	1364	272	50	10	50	1	50	0	0	0	0
	point1362	1362	272	50	10	50	1	50	0	0	0	0
	164+00.00	622	272	50	10	50	1	50	0	0	0	0
	166+00.00	623										
WB_FR_4	point1368	1368	203	50	6	50	1	50	0	0	0	0
	162+00.00	788	203	50	6	50	1	50	0	0	0	0
	160+00.00	787	203	50	6	50	1	50	0	0	0	0
	158+00.00	786										
SR101_EB_L2_7	point1402	1402	4715	70	423	70	100	70	0	0	0	0
	1082+15.60	133	4715	70	423	70	100	70	0	0	0	0
	1086+15.60	134	4715	70	423	70	100	70	0	0	0	0
	1090+15.60	135	4715	70	423	70	100	70	0	0	0	0
	1094+15.60	136	4715	70	423	70	100	70	0	0	0	0
	1095+48	1326	4715	70	423	70	100	70	0	0	0	0
	1096+81	1327	4715	70	423	70	100	70	0	0	0	0
	1098+13.67	137	4715	70	423	70	100	70	0	0	0	0
	1099+46	1330	4715	70	423	70	100	70	0	0	0	0
	1100+79	1331	4715	70	423	70	100	70	0	0	0	0
	1102+09.00	138	4715	70	423	70	100	70	0	0	0	0
	1106+06.46	139	4715	70	423	70	100	70	0	0	0	0
	1110+06.46	140	4715	70	423	70	100	70	0	0	0	0
	a 1114+85.33	141	4715	70	423	70	100	70	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

SR101 GPL, 75th Ave to I-17

	a 1118+88.90	142										
SR101_EB_L1_7	point1403	1403	4715	70	423	70	100	70	0	0	0	0
	1082+07.93	39	4715	70	423	70	100	70	0	0	0	0
	1086+07.93	40	4715	70	423	70	100	70	0	0	0	0
	1090+07.93	41	4715	70	423	70	100	70	0	0	0	0
	1094+07.93	42	4715	70	423	70	100	70	0	0	0	0
	1095+40	1324	4715	70	423	70	100	70	0	0	0	0
	1096+73	1325	4715	70	423	70	100	70	0	0	0	0
	1098+07.06	43	4715	70	423	70	100	70	0	0	0	0
	1099+40	1328	4715	70	423	70	100	70	0	0	0	0
	1100+73	1329	4715	70	423	70	100	70	0	0	0	0
	1102+04.86	44	4715	70	423	70	100	70	0	0	0	0
	1106+03.66	45	4715	70	423	70	100	70	0	0	0	0
	1110+03.66	46	4715	70	423	70	100	70	0	0	0	0
	a 1114+82.48	47	4715	70	423	70	100	70	0	0	0	0
	a 1118+84.13	48										
SR101_EB_L2_8	point1404	1404	3530	70	297	70	71	70	0	0	0	0
	a 1122+93.37	143	3530	70	297	70	71	70	0	0	0	0
	a 1126+94.09	144	3530	70	297	70	71	70	0	0	0	0
	a 1130+94.09	145	3530	70	297	70	71	70	0	0	0	0
	a 1134+94.09	146	3530	70	297	70	71	70	0	0	0	0
	a 1138+94.09	147	3530	70	297	70	71	70	0	0	0	0
	a 1142+94.09	148	3530	70	297	70	71	70	0	0	0	0
	a 1146+94.09	149	3530	70	297	70	71	70	0	0	0	0
	a 1150+94.09	150	3530	70	297	70	71	70	0	0	0	0
	a 1154+94.09	151	3530	70	297	70	71	70	0	0	0	0
	a 1158+94.09	152	3530	70	297	70	71	70	0	0	0	0
	a 1162+94.09	153	3530	70	297	70	71	70	0	0	0	0
	a 1166+94.09	154	3530	70	297	70	71	70	0	0	0	0
	a 1170+94.09	155	3530	70	297	70	71	70	0	0	0	0
	a 1174+94.09	156	3530	70	297	70	71	70	0	0	0	0
	a 1178+94.09	157										
SR101_EB_L1_8	point1405	1405	3530	70	297	70	71	70	0	0	0	0
	a 1122+86.22	49	3530	70	297	70	71	70	0	0	0	0
	a 1126+86.58	50	3530	70	297	70	71	70	0	0	0	0
	a 1130+86.58	51	3530	70	297	70	71	70	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

SR101 GPL, 75th Ave to I-17

	a 1134+86.58	52	3530	70	297	70	71	70	0	0	0	0
	a 1138+86.58	53	3530	70	297	70	71	70	0	0	0	0
	a 1142+86.58	54	3530	70	297	70	71	70	0	0	0	0
	a 1146+86.58	55	3530	70	297	70	71	70	0	0	0	0
	a 1150+86.58	56	3530	70	297	70	71	70	0	0	0	0
	a 1154+86.58	57	3530	70	297	70	71	70	0	0	0	0
	a 1158+86.58	58	3530	70	297	70	71	70	0	0	0	0
	a 1162+86.58	59	3530	70	297	70	71	70	0	0	0	0
	a 1166+86.58	60	3530	70	297	70	71	70	0	0	0	0
	a 1170+86.58	61	3530	70	297	70	71	70	0	0	0	0
	a 1174+86.58	62	3530	70	297	70	71	70	0	0	0	0
	a 1178+86.58	63										
SR101_WB_L1_8	point1414	1414	3544	70	313	70	66	70	0	0	0	0
	a 1178+07.83	251	3544	70	313	70	66	70	0	0	0	0
	a 1174+07.83	250	3544	70	313	70	66	70	0	0	0	0
	a 1170+07.83	249	3544	70	313	70	66	70	0	0	0	0
	a 1166+07.83	248	3544	70	313	70	66	70	0	0	0	0
	a 1162+07.83	247	3544	70	313	70	66	70	0	0	0	0
	a 1158+07.83	246	3544	70	313	70	66	70	0	0	0	0
	a 1154+07.83	245	3544	70	313	70	66	70	0	0	0	0
	a 1150+07.83	244	3544	70	313	70	66	70	0	0	0	0
	a 1146+07.83	243	3544	70	313	70	66	70	0	0	0	0
	a 1142+07.83	242	3544	70	313	70	66	70	0	0	0	0
	a 1138+07.84	241	3544	70	313	70	66	70	0	0	0	0
	a 1134+07.87	240	3544	70	313	70	66	70	0	0	0	0
	a 1130+07.90	239	3544	70	313	70	66	70	0	0	0	0
	a 1126+07.93	238	3544	70	313	70	66	70	0	0	0	0
	a 1122+09.37	237	3544	70	313	70	66	70	0	0	0	0
	a 1118+13.72	236										
SR101_WB_L2_8	point1415	1415	3544	70	313	70	66	70	0	0	0	0
	a 1177+99.95	337	3544	70	313	70	66	70	0	0	0	0
	a 1173+99.95	336	3544	70	313	70	66	70	0	0	0	0
	a 1169+99.95	335	3544	70	313	70	66	70	0	0	0	0
	a 1165+99.95	334	3544	70	313	70	66	70	0	0	0	0
	a 1161+99.95	333	3544	70	313	70	66	70	0	0	0	0
	a 1157+99.95	332	3544	70	313	70	66	70	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

SR101 GPL, 75th Ave to I-17

	a 1153+99.95	331	3544	70	313	70	66	70	0	0	0	0
	a 1149+99.95	330	3544	70	313	70	66	70	0	0	0	0
	a 1145+99.95	329	3544	70	313	70	66	70	0	0	0	0
	a 1141+99.95	328	3544	70	313	70	66	70	0	0	0	0
	a 1137+99.97	327	3544	70	313	70	66	70	0	0	0	0
	a 1133+99.99	326	3544	70	313	70	66	70	0	0	0	0
	a 1130+00.02	325	3544	70	313	70	66	70	0	0	0	0
	a 1126+00.05	324	3544	70	313	70	66	70	0	0	0	0
	a 1122+02.37	323	3544	70	313	70	66	70	0	0	0	0
	a 1118+09.16	322										
SR101_WB_L2_7	point1416	1416	4693	70	444	70	93	70	0	0	0	0
	a 1114+13.39	321	4693	70	444	70	93	70	0	0	0	0
	1109+34.65	320	4693	70	444	70	93	70	0	0	0	0
	1105+34.66	319	4693	70	444	70	93	70	0	0	0	0
	1101+30.47	318	4693	70	444	70	93	70	0	0	0	0
	1099+27	1322	4693	70	444	70	93	70	0	0	0	0
	1097+25.15	317	4693	70	444	70	93	70	0	0	0	0
	1093+24.00	316	4693	70	444	70	93	70	0	0	0	0
	1089+24.00	315	4693	70	444	70	93	70	0	0	0	0
	1085+24.00	314	4693	70	444	70	93	70	0	0	0	0
	1081+24.00	313	4693	70	444	70	93	70	0	0	0	0
	1077+24.00	312										
SR101_WB_L1_7	point1417	1417	4693	70	444	70	93	70	0	0	0	0
	a 1114+16.52	235	4693	70	444	70	93	70	0	0	0	0
	1109+37.78	234	4693	70	444	70	93	70	0	0	0	0
	1105+37.81	233	4693	70	444	70	93	70	0	0	0	0
	1101+35.48	232	4693	70	444	70	93	70	0	0	0	0
	1099+34	1323	4693	70	444	70	93	70	0	0	0	0
	1097+32.62	231	4693	70	444	70	93	70	0	0	0	0
	1093+31.99	230	4693	70	444	70	93	70	0	0	0	0
	1089+31.99	229	4693	70	444	70	93	70	0	0	0	0
	1085+31.99	228	4693	70	444	70	93	70	0	0	0	0
	1081+31.99	227	4693	70	444	70	93	70	0	0	0	0
	1077+31.99	226										
WB_FR_5-2	point1437	1437	149	50	8	50	1	50	0	0	0	0
	242+00.00	828	149	50	8	50	1	50	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

SR101 GPL, 75th Ave to I-17

	240+00.00	827	149	50	8	50	1	50	0	0	0	0
	238+00.00	826	149	50	8	50	1	50	0	0	0	0
	236+00.00	825	149	50	8	50	1	50	0	0	0	0
	234+00.00	824	149	50	8	50	1	50	0	0	0	0
	232+00.00	823	149	50	8	50	1	50	0	0	0	0
	230+00.00	822	149	50	8	50	1	50	0	0	0	0
	228+00.00	821	149	50	8	50	1	50	0	0	0	0
	226+00.00	820	149	50	8	50	1	50	0	0	0	0
	224+00.00	819	149	50	8	50	1	50	0	0	0	0
	222+00.00	818	149	50	8	50	1	50	0	0	0	0
	220+00.00	817	149	50	8	50	1	50	0	0	0	0
	218+00.00	816	149	50	8	50	1	50	0	0	0	0
	216+00.00	815	149	50	8	50	1	50	0	0	0	0
	214+00.00	814	149	50	8	50	1	50	0	0	0	0
	212+00.00	813	149	50	8	50	1	50	0	0	0	0
	210+00.00	812	149	50	8	50	1	50	0	0	0	0
	208+00.00	811	149	50	8	50	1	50	0	0	0	0
	206+00.00	810	149	50	8	50	1	50	0	0	0	0
	204+00.00	809	149	50	8	50	1	50	0	0	0	0
	202+00.00	808	149	50	8	50	1	50	0	0	0	0
	200+00.00	807	149	50	8	50	1	50	0	0	0	0
	198+00.00	806	149	50	8	50	1	50	0	0	0	0
	196+00.00	805	149	50	8	50	1	50	0	0	0	0
	194+00.00	804	149	50	8	50	1	50	0	0	0	0
	192+00.00	803	149	50	8	50	1	50	0	0	0	0
	190+00.00	802	149	50	8	50	1	50	0	0	0	0
	188+00.00	801	149	50	8	50	1	50	0	0	0	0
	186+00.00	800	149	50	8	50	1	50	0	0	0	0
	184+00.00	799	149	50	8	50	1	50	0	0	0	0
	182+00.00	798	149	50	8	50	1	50	0	0	0	0
	180+00.00	797	149	50	8	50	1	50	0	0	0	0
	178+00.00	796	149	50	8	50	1	50	0	0	0	0
	176+00.00	795	149	50	8	50	1	50	0	0	0	0
	174+00.00	794	149	50	8	50	1	50	0	0	0	0
	172+00.00	793	149	50	8	50	1	50	0	0	0	0
	170+00.00	792	149	50	8	50	1	50	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

SR101 GPL, 75th Ave to I-17

	point1490	1490										
51stAve_EB_Offramp-2	point1472	1472	492	18	18	13	2	10	0	0	0	0
	51+80.92	932										
51stAve_EB_Offramp-2	point1473	1473	492	38	18	34	2	31	0	0	0	0
	48+00.00	930	492	38	18	34	2	31	0	0	0	0
	50+00.00	931	492	38	18	34	2	31	0	0	0	0
	point1470	1470										
EB_FR_4-2-2	point1475	1475	164	18	5	13	1	10	0	0	0	0
	162+00.00	621										
EB_FR_4-2-2	point1477	1477	164	38	5	34	1	31	0	0	0	0
	158+00.00	619	164	38	5	34	1	31	0	0	0	0
	160+00.00	620	164	38	5	34	1	31	0	0	0	0
	point1474	1474										
EB_FR_5-2	point1478	1478	272	50	10	50	1	50	0	0	0	0
	168+00.00	624	272	50	10	50	1	50	0	0	0	0
	170+00.00	625	272	50	10	50	1	50	0	0	0	0
	172+00.00	626	272	50	10	50	1	50	0	0	0	0
	174+00.00	627	272	50	10	50	1	50	0	0	0	0
	176+00.00	628	272	50	10	50	1	50	0	0	0	0
	178+00.00	629	272	50	10	50	1	50	0	0	0	0
	180+00.00	630	272	50	10	50	1	50	0	0	0	0
	182+00.00	631	272	50	10	50	1	50	0	0	0	0
	184+00.00	632	272	50	10	50	1	50	0	0	0	0
	186+00.00	633	272	50	10	50	1	50	0	0	0	0
	188+00.00	634	272	50	10	50	1	50	0	0	0	0
	190+00.00	635	272	50	10	50	1	50	0	0	0	0
	192+00.00	636	272	50	10	50	1	50	0	0	0	0
	194+00.00	637	272	50	10	50	1	50	0	0	0	0
	196+00.00	638	272	50	10	50	1	50	0	0	0	0
	198+00.00	639	272	50	10	50	1	50	0	0	0	0
	200+00.00	640	272	50	10	50	1	50	0	0	0	0
	202+00.00	641	272	50	10	50	1	50	0	0	0	0
	204+00.00	642	272	50	10	50	1	50	0	0	0	0
	206+00.00	643	272	50	10	50	1	50	0	0	0	0
	208+00.00	644	272	50	10	50	1	50	0	0	0	0
	210+00.00	645	272	50	10	50	1	50	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

SR101 GPL, 75th Ave to I-17

	212+00.00	646	272	50	10	50	1	50	0	0	0	0
	214+00.00	647	272	50	10	50	1	50	0	0	0	0
	216+00.00	648	272	50	10	50	1	50	0	0	0	0
	218+00.00	649	272	50	10	50	1	50	0	0	0	0
	220+00.00	650	272	50	10	50	1	50	0	0	0	0
	222+00.00	651	272	50	10	50	1	50	0	0	0	0
	224+00.00	652	272	50	10	50	1	50	0	0	0	0
	226+00.00	653	272	50	10	50	1	50	0	0	0	0
	228+00.00	654	272	50	10	50	1	50	0	0	0	0
	230+00.00	655	272	50	10	50	1	50	0	0	0	0
	232+00.00	656	272	50	10	50	1	50	0	0	0	0
	234+00.00	657	272	50	10	50	1	50	0	0	0	0
	236+00.00	658	272	50	10	50	1	50	0	0	0	0
	238+00.00	659	272	50	10	50	1	50	0	0	0	0
	240+00.00	660	272	50	10	50	1	50	0	0	0	0
	242+00.00	661										
WB_FR_5-2-2	point1489	1489	149	18	8	13	1	10	0	0	0	0
	164+00.00	789	149	18	8	13	1	10	0	0	0	0
	point1365	1365										
WB_FR_5-2-2	point1491	1491	149	38	8	34	1	31	0	0	0	0
	168+00.00	791	149	38	8	34	1	31	0	0	0	0
	166+00.00	790	149	38	8	34	1	31	0	0	0	0
	point1488	1488										
51stAve_WB_Offramp-2	point1493	1493	1245	18	51	13	11	10	0	0	0	0
	1099+16.34	1099										
51stAve_WB_Offramp-2	point1495	1495	1245	38	51	34	11	31	0	0	0	0
	1103+38.51	1101	1245	38	51	34	11	31	0	0	0	0
	1101+27.73	1100	1245	38	51	34	11	31	0	0	0	0
	point1492	1492										
WB_FR_4-2	point1496	1496	203	50	6	50	1	50	0	0	0	0
	156+00.00	785	203	50	6	50	1	50	0	0	0	0
	154+00.00	784	203	50	6	50	1	50	0	0	0	0
	152+00.00	783	203	50	6	50	1	50	0	0	0	0
	150+00.00	782	203	50	6	50	1	50	0	0	0	0
	148+00.00	781	203	50	6	50	1	50	0	0	0	0
	146+00.00	780	203	50	6	50	1	50	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

SR101 GPL, 75th Ave to I-17

	144+00.00	779	203	50	6	50	1	50	0	0	0	0
	142+00.00	778										
EB_FR_4-2-2	point1506	1506	164	50	5	50	1	50	0	0	0	0
	144+00.00	612	164	50	5	50	1	50	0	0	0	0
	146+00.00	613	164	50	5	50	1	50	0	0	0	0
	148+00.00	614	164	50	5	50	1	50	0	0	0	0
	150+00.00	615	164	50	5	50	1	50	0	0	0	0
	152+00.00	616	164	50	5	50	1	50	0	0	0	0
	154+00.00	617	164	50	5	50	1	50	0	0	0	0
	156+00.00	618	164	50	5	50	1	50	0	0	0	0
	point1476	1476										
EB_FR_5-2-2	point1511	1511	272	50	10	50	1	50	0	0	0	0
	244+00.00	662										
51stAve_SB-2	point1512	1512	1226	50	44	50	4	50	0	0	0	0
	6+27.06	1210										
51stAve_NB-2	point1513	1513	178	50	6	50	0	0	0	0	0	0
	13+16.05	1214										

INPUT: BARRIERS

SR101 GPL, 75th Ave to I-17

AZTEC	11 November 2021
AZTEC	TNM 2.5

INPUT: BARRIERS

PROJECT/CONTRACT:

SR101 GPL, 75th Ave to I-17

RUN:

SR101 GPL, 75th Ave to I-17, Build_FD

Barrier									Points										
Name	Type	Height		If Wall	If Berm			Add'tnl	Name	No.	Coordinates (bottom)			Height	Segment				
		Min	Max	\$ per	\$ per	Top	Run:Rise	\$ per			X	Y	Z	at	Seg	Ht	Perturbs	On	Important
				Unit	Unit	Width		Unit						Point	Incre-	#Up	#Dn	Struct?	Reflec-
		ft	ft	Area	Vol.		ft:ft	Length			ft	ft	ft	ft	ment				tions?
				\$/sq ft	\$/cu yd			\$/ft											
Exist Wall EB4	W	0.00	99.99	0.00				0.00	1099+00.62	45	623,329.3	970,699.0	1,305.48	10.00	0.00	0	0		
									1100+85.56	46	623,523.0	970,748.8	1,305.33	14.67	0.00	0	0		
									1102+72.97	47	623,716.7	970,798.7	1,306.71	14.00	0.00	0	0		
									1104+65.00	48	623,910.8	970,846.8	1,307.42	14.00	0.00	0	0		
									1106+63.67	49	624,105.0	970,894.6	1,308.95	13.33	0.00	0	0		
									1108+63.56	50	624,299.2	970,942.4	1,309.80	14.00	0.00	0	0		
									1108+90.65	51	624,325.6	970,948.9	1,310.01	14.00					
Exist Wall EB5	W	0.00	99.99	0.00				0.00	1110+04.66	52	624,436.6	970,974.9	1,311.17	16.67	0.00	0	0		
									a 1111+85.86	53	624,536.0	970,999.7	1,313.02	16.00					
Exist Wall EB7	W	0.00	99.99	0.00				0.00	a 1136+41.45	64	626,940.1	971,261.6	1,321.95	13.33	0.00	0	0		
									a 1138+41.36	65	627,139.7	971,261.0	1,323.20	14.00	0.00	0	0		
									a 1140+41.50	66	627,339.9	971,262.7	1,325.52	14.00	0.00	0	0		
									a 1142+41.51	67	627,539.9	971,264.4	1,326.90	14.00	0.00	0	0		
									a 1144+41.47	68	627,739.8	971,266.1	1,328.33	13.67	0.00	0	0		
									a 1146+41.43	69	627,939.8	971,267.7	1,328.94	13.00	0.00	0	0		
									a 1148+41.42	70	628,139.8	971,269.4	1,329.17	13.33	0.00	0	0		
									a 1150+41.49	71	628,339.8	971,271.1	1,329.93	13.33	0.00	0	0		
									a 1152+41.40	72	628,539.7	971,273.6	1,329.97	13.33	0.00	0	0		
									a 1154+41.52	73	628,739.8	971,275.1	1,330.38	12.67	0.00	0	0		
									a 1156+41.54	74	628,939.9	971,276.7	1,330.51	13.33	0.00	0	0		
									a 1158+41.51	75	629,139.8	971,278.2	1,331.74	13.33	0.00	0	0		
									a 1160+41.55	76	629,339.9	971,278.7	1,331.89	13.33	0.00	0	0		
									a 1162+41.51	77	629,539.8	971,280.3	1,332.59	13.67	0.00	0	0		
									a 1164+41.34	78	629,739.6	971,281.8	1,333.80	14.00	0.00	0	0		
									a 1166+41.50	79	629,939.8	971,283.3	1,335.28	12.67	0.00	0	0		
									a 1168+41.48	80	630,139.8	971,285.9	1,336.69	12.00	0.00	0	0		
									a 1170+41.48	81	630,339.8	971,287.5	1,336.40	12.00	0.00	0	0		
									a 1172+41.46	82	630,539.7	971,289.0	1,337.47	12.67	0.00	0	0		
									a 1174+41.44	83	630,739.7	971,290.6	1,338.13	12.67	0.00	0	0		
									a 1176+41.58	84	630,939.8	971,292.1	1,338.34	12.00	0.00	0	0		
									a 1178+41.43	85	631,139.7	971,293.7	1,339.25	11.67	0.00	0	0		
									a 1180+41.49	86	631,339.7	971,295.2	1,339.60	11.33					
Privacywall_EB10	W	0.00	99.99	0.00				0.00	point263	263	624,536.0	970,999.7	1,313.02	6.00	0.00	0	0		
									point264	264	624,808.0	971,057.4	1,313.23	6.00	0.00	0	0		
									point265	265	624,977.0	971,089.3	1,313.67	6.00	0.00	0	0		

INPUT: BARRIERS

SR101 GPL, 75th Ave to I-17

									point266	266	625,154.7	971,122.8	1,314.47	6.00	0.00	0	0		
									point267	267	625,382.3	971,132.8	1,315.74	6.00	0.00	0	0		
									point268	268	625,549.6	971,139.8	1,316.99	6.00	0.00	0	0		
									point269	269	625,811.7	971,151.1	1,318.47	6.00	0.00	0	0		
									point270	270	625,828.9	971,117.0	1,318.59	6.00	0.00	0	0		
									point271	271	625,829.0	971,080.1	1,318.00	6.00					
Privacywall_EB11	W	0.00	99.99	0.00				0.00	point276	276	625,824.3	970,975.9	1,318.00	6.00	0.00	0	0		
									point274	274	625,825.4	970,809.8	1,318.00	6.00					
Privacywall_EB12	W	0.00	99.99	0.00				0.00	point277	277	625,904.6	970,939.2	1,318.00	6.00	0.00	0	0		
									point278	278	625,907.1	971,102.1	1,319.32	6.00	0.00	0	0		
									point279	279	625,932.4	971,135.1	1,319.19	6.00	0.00	0	0		
									point280	280	626,004.0	971,150.7	1,318.22	6.00	0.00	0	0		
									point281	281	626,143.0	971,152.1	1,317.64	6.00	0.00	0	0		
									point282	282	626,317.8	971,152.6	1,319.31	6.00	0.00	0	0		
									point283	283	626,340.6	971,133.2	1,319.41	6.00					
Privacywall_EB13	W	0.00	99.99	0.00				0.00	point293	293	626,413.4	971,133.9	1,320.73	6.00	0.00	0	0		
									point286	286	626,470.4	971,154.0	1,320.61	6.00	0.00	0	0		
									point287	287	626,636.6	971,156.5	1,321.76	6.00	0.00	0	0		
									point288	288	626,818.9	971,157.7	1,321.65	6.00	0.00	0	0		
									point289	289	627,033.7	971,160.7	1,323.10	6.00	0.00	0	0		
									point290	290	627,050.7	971,139.7	1,323.25	6.00	0.00	0	0		
									point291	291	627,049.9	970,987.8	1,323.00	6.00					
Privacywall_EB14	W	0.00	99.99	0.00				0.00	point294	294	626,987.5	970,800.0	1,323.00	6.00	0.00	0	0		
									point295	295	626,968.8	970,823.2	1,323.00	6.00	0.00	0	0		
									point296	296	627,280.2	970,956.3	1,324.00	6.00	0.00	0	0		
									point297	297	627,481.5	971,017.0	1,323.00	6.00	0.00	0	0		
									point298	298	627,686.1	971,019.2	1,323.00	6.00	0.00	0	0		
									point299	299	627,857.6	971,021.1	1,324.00	6.00	0.00	0	0		
									point300	300	627,882.6	970,997.7	1,324.00	6.00	0.00	0	0		
									point301	301	628,000.0	971,012.5	1,324.00	6.00	0.00	0	0		
									point302	302	628,174.0	970,997.1	1,324.00	6.00	0.00	0	0		
									point303	303	628,342.6	970,974.3	1,327.00	6.00	0.00	0	0		
									point304	304	628,441.0	970,990.1	1,327.00	6.00	0.00	0	0		
									point305	305	628,442.0	970,850.3	1,327.00	6.00	0.00	0	0		
									point306	306	628,442.9	970,727.0	1,327.00	6.00					
BuildingBarrier_EB12	W	0.00	99.99	0.00				0.00	point618	618	625,973.3	971,059.8	1,318.00	30.00	0.00	0	0		
									point619	619	625,977.7	971,113.6	1,318.00	30.00	0.00	0	0		
									point620	620	626,331.9	971,111.4	1,318.00	30.00	0.00	0	0		
									point621	621	626,331.6	971,057.1	1,318.00	30.00					
BuildingBarrier_EB13	W	0.00	99.99	0.00				0.00	point639	639	626,420.6	971,065.7	1,321.00	30.00	0.00	0	0		
									point624	624	626,421.5	971,121.6	1,321.00	30.00	0.00	0	0		
									point625	625	626,564.6	971,108.8	1,321.00	30.00	0.00	0	0		
									point626	626	626,567.5	971,056.0	1,321.00	30.00					
BuildingBarrier_EB14	W	0.00	99.99	0.00				0.00	point641	641	626,557.0	971,025.9	1,322.00	30.00	0.00	0	0		
									point628	628	626,676.1	971,090.0	1,322.00	30.00	0.00	0	0		
									point629	629	626,721.4	971,024.0	1,322.00	30.00					
BuildingBarrier_EB15	W	0.00	99.99	0.00				0.00	point643	643	626,717.8	971,072.0	1,322.00	30.00	0.00	0	0		
									point631	631	626,714.2	971,119.9	1,322.00	30.00	0.00	0	0		
									point632	632	626,863.8	971,117.2	1,322.00	30.00	0.00	0	0		

INPUT: BARRIERS

SR101 GPL, 75th Ave to I-17

									point633	633	626,862.7	971,055.5	1,322.00	30.00					
BuildingBarrier_EB16	W	0.00	99.99	0.00			0.00	point645	645	626,941.7	971,124.7	1,322.00	30.00	0.00	0	0			
								point635	635	627,024.1	971,121.4	1,322.00	30.00	0.00	0	0			
								point636	636	627,027.6	971,004.5	1,322.00	30.00	0.00	0	0			
								point637	637	626,941.8	970,995.9	1,322.00	30.00						
JerseyBarrier	W	0.00	99.99	0.00			0.00	point703	703	621,842.9	970,878.5	1,314.00	4.00	0.00	0	0			
								point692	692	622,024.4	970,878.8	1,319.50	4.00	0.00	0	0			
								point693	693	622,427.1	970,879.3	1,326.60	4.00	0.00	0	0			
								point700	700	622,824.8	970,881.5	1,330.10	4.00	0.00	0	0			
								point701	701	622,960.4	970,880.9	1,330.10	4.00	0.00	0	0			
								point694	694	623,094.9	970,881.6	1,330.20	4.00	0.00	0	0			Y
								point695	695	623,225.6	970,884.6	1,330.20	4.00	0.00	0	0			Y
								point702	702	623,361.9	970,895.4	1,329.30	4.00	0.00	0	0			
								point696	696	623,498.2	970,906.3	1,328.40	4.00	0.00	0	0			
								point697	697	623,631.4	970,924.0	1,327.50	4.00	0.00	0	0			
								point698	698	624,033.4	971,001.2	1,320.60	4.00	0.00	0	0			
								point699	699	624,244.7	971,044.3	1,316.90	4.00						
Privacywall_EB10a	W	0.00	99.99	0.00			0.00	point716	716	624,536.0	970,999.7	1,313.02	6.00	0.00	0	0			
								point717	717	624,538.1	970,605.1	1,312.00	6.00						
SWL-1120-R (Exist Wall EB6 to 18')-2	W	0.00	99.99	0.00			0.00	1110+46.53	727	624,465.5	971,040.7	1,311.14	18.00	0.00	0	0			
								a 1113+25.25	55	624,660.1	971,086.9	1,311.88	18.00	0.00	0	0			
								a 1115+25.75	56	624,854.7	971,133.1	1,312.31	18.00	0.00	0	0			
								a 1117+30.30	57	625,051.9	971,166.8	1,314.59	18.00	0.00	0	0			
								a 1119+37.20	58	625,249.9	971,194.5	1,316.00	18.00	0.00	0	0			
								a 1121+43.99	59	625,449.0	971,214.4	1,316.81	18.00	0.00	0	0			
								a 1123+49.15	60	625,648.8	971,223.2	1,317.86	18.00	0.00	0	0			
								a 1124+94.63	61	625,793.2	971,225.4	1,318.14	18.00	0.00	0	0			
								a 1125+05.91	62	625,804.4	971,237.1	1,317.39	18.00	0.00	0	0			
								a 1126+11.11	63	625,909.6	971,238.0	1,318.61	18.00						
Relocated SWL-1130-R	W	0.00	99.99	0.00			0.00	a 1126+04.11	728	625,902.6	971,238.2	1,318.54	16.00	0.00	0	0			
								a 1126+15.13	729	625,913.6	971,249.2	1,317.73	16.00	0.00	0	0			
								a 1128+15.13	730	626,113.6	971,250.7	1,318.86	16.00	0.00	0	0			
								a 1130+15.13	731	626,313.6	971,252.3	1,319.69	16.00	0.00	0	0			
								a 1132+15.13	732	626,513.6	971,253.8	1,320.80	16.00	0.00	0	0			
								a 1134+15.13	733	626,713.5	971,256.4	1,320.55	16.00	0.00	0	0			
								a 1136+15.11	734	626,913.5	971,261.0	1,321.77	16.00	0.00	0	0			
								a 1136+41.75	735	626,940.1	971,261.6	1,321.95	16.00						

INPUT: RECEIVERS

SR101 GPL, 75th Ave to I-17

							11 November 2021					
							TNM 2.5					
INPUT: RECEIVERS												
PROJECT/CONTRACT:							SR101 GPL, 75th Ave to I-17					
RUN:							SR101 GPL, 75th Ave to I-17, Build_FD					
Receiver												
Name	No.	#DUs	Coordinates (ground)			Height above Ground	Input Sound Levels and Criteria				Active in Calc.	
			X	Y	Z		Existing LAeq1h	Impact Criteria LAeq1h	Sub'l	NR Goal		
			ft	ft	ft	ft	dBA	dBA	dB	dB		
E86	288	1	623,473.0	970,464.7	1,305.00	5.00	0.00	66	15.0	7.0	Y	
E87	289	3	623,540.9	970,625.9	1,304.00	5.00	0.00	66	15.0	7.0	Y	
E88	290	4	623,656.4	970,631.2	1,307.00	5.00	0.00	66	15.0	7.0	Y	
E89	291	2	623,658.9	970,745.8	1,307.50	5.00	0.00	66	15.0	7.0	Y	
E90	292	3	623,785.8	970,783.9	1,308.52	5.00	0.00	66	15.0	7.0	Y	
E91	293	4	623,811.8	970,626.8	1,308.40	5.00	0.00	66	15.0	7.0	Y	
E92/MON10	294	1	623,868.3	970,805.8	1,308.00	5.00	0.00	66	15.0	7.0	Y	
E93	295	8	623,927.2	970,789.2	1,308.40	5.00	0.00	66	15.0	7.0	Y	
E94	296	5	623,948.1	970,628.6	1,308.40	5.00	0.00	66	15.0	7.0	Y	
E95	297	6	624,079.2	970,630.3	1,310.00	5.00	0.00	66	15.0	7.0	Y	
E96	298	2	624,179.0	970,854.2	1,309.60	5.00	0.00	66	15.0	7.0	Y	
E97	299	4	624,357.0	970,757.1	1,311.00	5.00	0.00	66	15.0	7.0	Y	
E98	300	3	624,269.1	970,913.8	1,310.27	5.00	0.00	66	15.0	7.0	Y	
E99	301	3	624,496.8	970,777.0	1,311.00	5.00	0.00	66	15.0	7.0	Y	
E100	302	3	624,498.5	970,909.9	1,311.40	5.00	0.00	66	15.0	7.0	Y	
E101	303	3	624,578.8	970,798.0	1,311.00	5.00	0.00	66	15.0	7.0	Y	
E102	304	3	624,656.5	970,996.7	1,313.43	5.00	0.00	66	15.0	7.0	Y	
E103	305	3	624,782.9	970,848.0	1,313.00	5.00	0.00	66	15.0	7.0	Y	
E104	306	5	624,826.7	971,023.8	1,313.48	5.00	0.00	66	15.0	7.0	Y	
E105	307	3	624,992.0	971,055.0	1,313.86	5.00	0.00	66	15.0	7.0	Y	
E106	308	6	625,093.4	970,869.6	1,314.00	5.00	0.00	66	15.0	7.0	Y	
E106(a)	309	1	624,999.8	970,836.4	1,314.00	5.00	0.00	66	15.0	7.0	Y	

INPUT: RECEIVERS

SR101 GPL, 75th Ave to I-17

E107	310	3	625,171.2	971,086.9	1,314.22	5.00	0.00	66	15.0	7.0	Y
E108	311	8	625,305.9	970,883.4	1,315.00	5.00	0.00	66	15.0	7.0	Y
E109	312	3	625,301.8	971,093.2	1,315.00	5.00	0.00	66	15.0	7.0	Y
E110	313	8	625,478.9	970,902.2	1,316.00	5.00	0.00	66	15.0	7.0	Y
E111	314	4	625,475.4	971,105.7	1,316.00	5.00	0.00	66	15.0	7.0	Y
E112	315	8	625,653.2	970,904.3	1,317.00	5.00	0.00	66	15.0	7.0	Y
E113	316	3	625,674.1	971,093.9	1,317.30	5.00	0.00	66	15.0	7.0	Y
E114	317	4	625,808.8	970,906.4	1,318.00	5.00	0.00	66	15.0	7.0	Y
E115	318	2	625,803.9	971,102.9	1,318.00	5.00	0.00	66	15.0	7.0	Y
E116(a)	319	4	625,971.3	971,119.6	1,318.00	5.00	0.00	66	15.0	7.0	Y
E116(b)	320	4	625,971.4	971,119.6	1,318.00	17.00	0.00	66	15.0	7.0	Y
E117(a)	392	4	625,994.9	970,956.4	1,318.00	5.00	0.00	66	15.0	7.0	Y
E117(b)	393	4	625,994.8	970,956.4	1,318.00	17.00	0.00	66	15.0	7.0	Y
E118(a)	397	2	626,311.4	970,922.4	1,318.00	5.00	0.00	66	15.0	7.0	Y
E118(b)	398	2	626,311.3	970,922.4	1,318.00	17.00	0.00	66	15.0	7.0	Y
E119(a)	408	4	626,317.2	971,121.7	1,318.10	5.00	0.00	66	15.0	7.0	Y
E119(b)	409	4	626,317.1	971,121.7	1,318.10	17.00	0.00	66	15.0	7.0	Y
E120(a)	410	4	626,558.2	971,114.8	1,321.00	5.00	0.00	66	15.0	7.0	Y
E120(b)	411	4	626,558.1	971,114.8	1,321.00	17.00	0.00	66	15.0	7.0	Y
E121/MON11	412	1	626,634.2	971,135.3	1,318.90	5.00	0.00	66	15.0	7.0	Y
E122(a)	425	4	626,811.6	970,963.0	1,322.00	5.00	0.00	66	15.0	7.0	Y
E122(b)	426	4	626,811.7	970,963.0	1,322.00	17.00	0.00	66	15.0	7.0	Y
E123(a)	433	4	626,858.2	971,123.1	1,322.40	5.00	0.00	66	15.0	7.0	Y
E123(b)	434	4	626,858.4	971,123.1	1,322.40	17.00	0.00	66	15.0	7.0	Y
E124(a)	435	2	627,032.6	971,122.4	1,322.86	5.00	0.00	66	15.0	7.0	Y
E124(b)	436	2	627,032.7	971,122.4	1,322.86	17.00	0.00	66	15.0	7.0	Y
E125(a)	437	2	627,036.1	970,989.0	1,323.00	5.00	0.00	66	15.0	7.0	Y
E125(b)	438	2	627,036.2	970,989.0	1,323.00	17.00	0.00	66	15.0	7.0	Y
E126	439	5	627,010.5	970,811.9	1,323.00	5.00	0.00	66	15.0	7.0	Y
E127	440	4	627,284.6	970,928.6	1,324.00	5.00	0.00	66	15.0	7.0	Y
E128	441	3	627,362.7	970,768.2	1,324.00	5.00	0.00	66	15.0	7.0	Y
E129/MON12	444	1	627,524.7	970,994.2	1,322.00	5.00	0.00	66	15.0	7.0	Y
E130	445	4	627,617.9	971,002.6	1,323.00	5.00	0.00	66	15.0	7.0	Y
E131	446	3	627,638.8	970,801.5	1,323.00	5.00	0.00	66	15.0	7.0	Y
E132	447	2	627,888.1	970,979.9	1,324.00	5.00	0.00	66	15.0	7.0	Y
E133	448	7	627,930.5	970,774.4	1,324.00	5.00	0.00	66	15.0	7.0	Y

INPUT: RECEIVERS**SR101 GPL, 75th Ave to I-17**

E134	449	5	628,161.8	970,772.3	1,324.00	5.00	0.00	66	15.0	7.0	Y
E135	450	4	628,179.5	970,977.6	1,324.00	5.00	0.00	66	15.0	7.0	Y
E136	451	2	628,395.1	970,958.8	1,327.00	5.00	0.00	66	15.0	7.0	Y
E137	452	2	628,405.6	970,767.1	1,327.00	5.00	0.00	66	15.0	7.0	Y

INPUT: ROADWAYS

SR101 GPL, 75th Ave to I-17

		330+00.00	872	639,849.1	971,467.3	1,371.60				Average	
		328+00.00	871	639,649.1	971,470.7	1,376.70				Average	
		point1485	1485	639,549.6	971,461.5	1,378.20					
27thAve_EB_Offramp	12.0	19+39.28	1022	637,074.2	970,935.5	1,384.40				Average	
		18+00.00	1021	637,213.1	970,925.7	1,381.60				Average	
		16+00.00	1020	637,412.2	970,907.2	1,377.70				Average	
		14+00.00	1019	637,611.2	970,886.7	1,374.90				Average	
		12+00.00	1018	637,810.0	970,865.4	1,374.00				Average	
		10+00.00	1017	638,009.0	970,844.8	1,374.50				Average	
		8+00.00	1016	638,208.0	970,824.7	1,375.60				Average	
		6+00.00	1015	638,406.9	970,804.1	1,376.30				Average	
		point1482	1482	638,506.2	970,793.3	1,376.50					
35thAve_SB	40.0	0+00.00	1215	633,759.9	971,564.0	1,353.00	Signal	10.00	100	Average	
		0+50.08	1216	633,759.0	971,513.9	1,353.00				Average	
		4+86.68	1217	633,759.1	971,077.3	1,351.90					
31stAve_SB	24.0	0+00.00	1223	636,416.6	971,387.3	1,366.80	Signal	10.00	100	Average	
		0+72.48	1224	636,414.7	971,314.8	1,366.50				Average	
		4+78.07	1225	636,415.6	970,909.3	1,365.10					
27thAve_SB	40.0	0+00.00	1231	639,045.0	971,509.6	1,380.20	Signal	10.00	100	Average	
		0+42.50	1232	639,044.4	971,467.1	1,380.20				Average	
		point1307	1307	639,045.4	971,244.2	1,379.30				Average	Y
		point1308	1308	639,046.4	970,936.7	1,378.40				Average	Y
		7+11.25	1233	639,047.4	970,798.4	1,377.50					
35thAve_NB	40.0	point1264	1264	633,812.5	970,908.4	1,351.70	Signal	10.00	100	Average	
		7+46.82	1220	633,813.2	970,955.1	1,351.90				Average	
		11+74.56	1221	633,813.8	971,382.8	1,352.50					
31stAve_NB	24.0	point1266	1266	636,443.2	970,798.6	1,364.00	Signal	10.00	100	Average	
		6+45.91	1228	636,443.5	970,826.4	1,364.20				Average	
		10+59.04	1229	636,443.1	971,239.5	1,366.30					
27thAve_NB	40.0	point1268	1268	639,097.7	970,635.0	1,376.70	Signal	10.00	100	Average	
		9+62.60	1236	639,098.2	970,668.3	1,376.80				Average	
		point1305	1305	639,097.4	970,931.5	1,377.87				Average	Y
		point1306	1306	639,095.0	971,247.6	1,378.93				Average	Y
		16+47.57	1237	639,095.8	971,353.2	1,380.00					
35thAve_EB_Offramp	24.0	point1289	1289	631,945.1	971,325.0	1,345.30				Average	
		16+00.00	941	632,145.0	971,326.4	1,347.20				Average	
		14+00.00	940	632,344.9	971,321.0	1,350.10				Average	
		12+00.00	939	632,544.3	971,305.1	1,353.10				Average	
		10+00.00	938	632,742.5	971,278.8	1,354.60				Average	

INPUT: ROADWAYS

SR101 GPL, 75th Ave to I-17

		8+00.00	937	632,939.1	971,242.3	1,354.30				Average
		6+00.00	936	633,133.5	971,195.3	1,351.70				Average
		point1474	1474	633,230.2	971,169.8	1,351.15				
35thAve_WB_Onramp	24.0	0+00.00	1290	633,697.8	971,454.2	1,352.10	Onramp	15.00	100	Average
		2+49.00	1291	633,452.4	971,496.4	1,350.50				Average
		4+94.61	1292	633,208.3	971,524.3	1,349.90				Average
		7+30.11	1293	632,972.9	971,528.9	1,353.10				Average
		9+35.50	1294	632,767.5	971,527.2	1,354.20				Average
		11+37.11	1295	632,566.0	971,522.7	1,352.30				Average
		14+53.34	1296	632,249.8	971,515.6	1,347.20				Average
		17+08.19	1297	631,995.6	971,497.7	1,345.40				Average
		19+76.61	1298	631,727.4	971,485.4	1,343.60				Average
		22+59.63	1299	631,444.5	971,479.5	1,342.80				Average
		24+41.13	1300	631,263.0	971,475.8	1,342.10				
SR101_WB_L3_4	24.0	point1301	1301	631,296.3	971,462.0	1,342.70				Average
		a 1177+99	1138	631,096.3	971,460.5	1,341.90				Average
		a 1175+99	1137	630,896.3	971,458.9	1,341.30				Average
		a 1173+99	1136	630,696.3	971,457.4	1,340.60				Average
		a 1171+99	1135	630,496.3	971,455.8	1,340.30				Average
		a 1169+99	1134	630,296.3	971,454.3	1,339.50				Average
		a 1167+99	1133	630,096.3	971,452.7	1,338.80				Average
		a 1165+99	1132	629,896.3	971,451.2	1,338.30				Average
		a 1163+99	1131	629,696.3	971,449.6	1,337.50				Average
		a 1161+99	1130	629,496.3	971,448.1	1,336.80				Average
		a 1159+99	1129	629,296.3	971,446.6	1,336.10				Average
		a 1157+99	1128	629,096.3	971,445.0	1,335.60				Average
		a 1155+99	1127	628,896.3	971,443.5	1,334.80				Average
		a 1153+99	1126	628,696.4	971,441.9	1,334.20				Average
		a 1151+99	1125	628,496.4	971,440.4	1,333.70				Average
		a 1149+99	1124	628,296.4	971,438.8	1,333.10				Average
		a 1147+99	1123	628,096.4	971,437.3	1,332.40				Average
		a 1145+99	1122	627,896.4	971,435.7	1,331.70				Average
		a 1143+99	1121	627,696.4	971,434.2	1,330.80				Average
		a 1141+99	1120	627,496.4	971,432.7	1,329.60				Average
		a 1139+99	1119	627,296.4	971,432.0	1,327.90				Average
		a 1137+99	1118	627,096.4	971,432.5	1,325.70				Average
		a 1135+99	1117	626,896.4	971,433.3	1,323.70				Average
		a 1133+99	1116	626,696.4	971,434.2	1,321.80				
SR101_EB_L3_5	24.0	46+23.32	1011	634,358.7	971,034.4	1,379.10				Average

INPUT: ROADWAYS

SR101 GPL, 75th Ave to I-17

		46+00.00	1010	634,381.8	971,031.3	1,379.20				Average	
		44+00.00	1009	634,580.7	971,010.5	1,380.40				Average	
		42+00.00	1008	634,780.5	971,000.0	1,381.20				Average	
		40+00.00	1007	634,980.5	970,997.4	1,381.50				Average	
		38+00.00	1006	635,180.5	970,997.0	1,382.30				Average	
		36+00.00	1005	635,380.5	970,996.6	1,384.10				Average	
		34+00.00	1004	635,580.5	970,996.2	1,385.70				Average	
		32+00.00	1003	635,780.5	970,995.8	1,387.70				Average	
		30+00.00	1002	635,979.7	970,995.0	1,389.20				Average	
		point1302	1302	636,179.7	970,991.4	1,389.90					
Ramp ES-2	24.0	point1303	1303	637,177.9	970,939.0	1,382.70				Average	
		16+00.00	995	637,377.9	970,934.4	1,379.00				Average	
		14+00.00	994	637,577.8	970,930.6	1,376.00				Average	
		12+00.00	993	637,777.8	970,927.9	1,376.30				Average	
		10+00.00	992	637,977.8	970,923.1	1,379.00				Average	
		8+00.00	991	638,177.7	970,920.5	1,384.80				Average	
		6+00.00	990	638,377.7	970,915.9	1,391.40				Average	
		4+00.00	989	638,577.5	970,907.4	1,398.70				Average	
		2+00.00	988	638,777.3	970,899.5	1,405.80				Average	
		point1251	1251	638,976.8	970,884.6	1,411.10				Average	Y
		point1252	1252	639,177.5	970,862.4	1,415.50				Average	Y
		point1253	1253	639,367.8	970,819.4	1,419.90				Average	
		point1254	1254	639,548.6	970,738.8	1,420.00				Average	Y
		point1255	1255	639,695.8	970,628.5	1,420.20				Average	Y
		point1257	1257	639,784.9	970,529.5	1,418.40				Average	
		point1258	1258	639,853.0	970,427.7	1,416.50					
SR101_WB_L3_5	24.0	point1304	1304	636,264.8	971,137.7	1,390.30				Average	
		a 1227+98	1163	636,064.9	971,137.3	1,389.60				Average	
		a 1225+98	1162	635,864.9	971,137.7	1,388.30				Average	
		a 1223+98	1161	635,664.9	971,138.1	1,386.60				Average	
		a 1221+98	1160	635,464.9	971,138.5	1,384.90				Average	
		a 1219+98	1159	635,264.9	971,138.9	1,382.90				Average	
		a 1217+98	1158	635,064.9	971,139.3	1,381.40				Average	
		a 1215+97	1157	634,864.9	971,140.3	1,379.80				Average	
		a 1213+94	1156	634,665.1	971,147.1	1,378.40				Average	
		a 1211+90	1155	634,465.9	971,164.1	1,377.10				Average	
		a 1209+86	1154	634,267.8	971,191.8	1,375.90				Average	
		a 1207+83	1153	634,071.6	971,229.9	1,374.90				Average	
		a 1205+81	1152	633,877.2	971,277.0	1,375.00				Average	Y

INPUT: ROADWAYS

SR101 GPL, 75th Ave to I-17

		a 1203+81	1151	633,683.6	971,326.9	1,374.30				Average	Y
		a 1201+83	1150	633,489.3	971,374.2	1,372.90				Average	
		a 1199+86	1149	633,293.0	971,413.2	1,370.40				Average	
		a 1197+90	1148	633,095.1	971,441.9	1,366.90				Average	
		a 1195+93	1147	632,896.0	971,460.5	1,362.80				Average	
		a 1193+97	1146	632,696.2	971,470.8	1,358.50				Average	
		a 1191+99	1145	632,496.2	971,471.3	1,353.60				Average	
		a 1189+99	1144	632,296.2	971,469.8	1,349.20				Average	
		a 1187+99	1143	632,096.2	971,468.2	1,346.60				Average	
		a 1185+99	1142	631,896.3	971,466.7	1,345.20				Average	
		a 1183+99	1141	631,696.3	971,465.1	1,343.90				Average	
		a 1181+99	1140	631,496.3	971,463.6	1,343.30				Average	
		a 1179+99	1139	631,296.3	971,462.0	1,342.70					
Ramp SW	36.0	point1245	1245	639,892.2	971,671.2	1,420.60				Average	
		point1244	1244	639,812.8	971,587.4	1,419.00				Average	
		point1243	1243	639,711.9	971,509.7	1,417.40				Average	Y
		point1242	1242	639,539.7	971,420.9	1,412.40				Average	Y
		point1241	1241	639,236.3	971,326.5	1,407.80				Average	
		point1240	1240	639,072.1	971,289.1	1,404.40				Average	Y
		a 1257+13	1178	638,979.8	971,268.9	1,402.90				Average	Y
		a 1255+94	1177	638,860.7	971,246.9	1,400.30				Average	Y
		a 1253+96	1176	638,662.8	971,218.4	1,396.30				Average	
		a 1251+97	1175	638,463.7	971,199.3	1,389.30				Average	
		a 1249+97	1174	638,264.1	971,187.1	1,381.90				Average	
		a 1247+97	1173	638,064.2	971,181.6	1,377.10				Average	
		a 1245+97	1172	637,864.2	971,178.0	1,374.80				Average	
		a 1243+97	1171	637,664.3	971,174.4	1,375.70				Average	
		a 1241+97	1170	637,464.3	971,170.8	1,378.90				Average	
		a 1239+97	1169	637,264.3	971,167.2	1,382.00				Average	
		a 1237+97	1168	637,064.4	971,163.6	1,384.70				Average	
		a 1235+97	1167	636,864.4	971,159.9	1,387.60				Average	
		a 1233+98	1166	636,664.5	971,152.9	1,389.50				Average	
		a 1231+98	1165	636,464.8	971,142.9	1,390.60				Average	Y
		a 1229+98	1164	636,264.8	971,137.7	1,390.30					
WB_FR_5	24.0	point1372	1372	633,744.7	971,452.9	1,352.23	Signal	15.00	100	Average	
		268+00.00	841	633,680.2	971,469.6	1,352.10				Average	
		266+00.00	840	633,483.1	971,503.6	1,350.70				Average	
		264+00.00	839	633,286.0	971,537.6	1,350.30					
EB_FR_6	24.0	point1376	1376	633,824.6	971,008.6	1,351.93	Signal	15.00	100	Average	

INPUT: ROADWAYS

SR101 GPL, 75th Ave to I-17

		point1374	1374	633,881.9	970,994.6	1,351.97				Average	
		270+00.00	675	633,947.1	970,980.6	1,352.00				Average	
		272+00.00	676	634,142.7	970,938.7	1,353.10					
WB_FR_6	24.0	point1380	1380	636,400.6	971,272.8	1,366.20	Onramp	15.00	100	Average	
		point1378	1378	636,324.6	971,272.3	1,366.00				Average	
		294+00.00	854	636,258.0	971,271.9	1,365.80				Average	
		292+00.00	853	636,058.0	971,270.6	1,364.70					
EB_FR_7	24.0	point1384	1384	636,452.4	970,867.4	1,364.93	Onramp	15.00	100	Average	
		296+00.00	688	636,541.0	970,866.5	1,365.10				Average	
		298+00.00	689	636,740.8	970,856.4	1,366.60					
WB_FR_7	24.0	point1388	1388	639,029.4	971,411.4	1,380.20	Signal	15.00	100	Average	
		320+00.00	867	638,852.9	971,393.6	1,379.50				Average	
		318+00.00	866	638,653.8	971,374.3	1,378.30					
EB_FR_8	24.0	point1391	1391	639,116.3	970,733.2	1,377.30	Signal	15.00	100	Average	
		324+00.00	702	639,337.3	970,723.3	1,376.10				Average	
		326+00.00	703	639,537.2	970,715.8	1,373.10					
SR101_EB_L2_9	60.0	point1406	1406	631,991.9	971,349.4	1,346.40				Average	
		a 1190+94	160	632,391.9	971,352.5	1,351.40				Average	
		a 1194+96	161	632,791.6	971,348.0	1,358.90				Average	
		a 1199+01	162	633,189.6	971,310.2	1,367.10				Average	
		a 1203+05	163	633,581.5	971,231.0	1,373.10				Average	
		1204+38	1320	633,710.7	971,198.2	1,374.10				Average	Y
		1205+71	1321	633,839.9	971,165.3	1,375.10				Average	Y
		a 1207+05	164	633,969.1	971,132.5	1,376.10				Average	
		a 1211+00	165	634,362.1	971,058.1	1,378.50					
SR101_EB_L1_9	50.0	point1407	1407	631,984.2	971,373.3	1,346.70				Average	
		a 1190+86	66	632,384.2	971,376.4	1,351.70				Average	
		a 1194+87	67	632,784.0	971,372.4	1,359.80				Average	
		a 1198+89	68	633,182.1	971,335.6	1,368.10				Average	
		a 1202+92	69	633,574.2	971,257.5	1,373.50				Average	
		1204+25	1318	633,703.4	971,224.7	1,374.13				Average	Y
		1205+58	1319	633,832.6	971,191.8	1,374.77				Average	Y
		a 1206+91	70	633,961.8	971,159.0	1,375.40				Average	
		a 1210+89	71	634,354.5	971,083.4	1,377.60					
SR101_EB_L2_10	60.0	point1408	1408	634,362.1	971,058.1	1,378.50				Average	
		a 1214+95	166	634,760.6	971,024.6	1,380.60				Average	
		a 1218+94	167	635,160.5	971,021.1	1,382.70				Average	
		a 1222+94	168	635,560.5	971,020.3	1,386.30				Average	
		a 1226+94	169	635,960.5	971,019.5	1,389.70				Average	

INPUT: ROADWAYS

SR101 GPL, 75th Ave to I-17

		a 1230+94	170	636,360.5	971,018.7	1,389.60					
SR101_EB_L1_10	50.0	point1409	1409	634,354.5	971,083.4	1,377.60				Average	
		a 1214+87	72	634,752.9	971,048.9	1,379.90				Average	
		a 1218+86	73	635,152.8	971,045.1	1,383.10				Average	
		a 1222+86	74	635,552.8	971,044.3	1,386.70				Average	
		a 1226+86	75	635,952.8	971,043.5	1,390.10				Average	
		a 1230+86	76	636,352.8	971,042.7	1,390.10					
SR101_WB_L1_9	50.0	point1410	1410	636,273.7	971,088.9	1,391.30				Average	Y
		a 1226+07	263	635,873.7	971,089.7	1,389.40				Average	
		a 1222+07	262	635,473.7	971,090.5	1,386.00				Average	
		a 1218+07	261	635,073.7	971,091.2	1,382.40				Average	
		a 1214+06	260	634,673.9	971,098.5	1,380.30				Average	
		a 1210+03	259	634,276.4	971,141.7	1,377.90				Average	
		a 1206+01	258	633,885.4	971,225.4	1,375.50				Average	Y
		1204+01	1317	633,691.5	971,274.2	1,373.60				Average	Y
		a 1202+02	257	633,497.6	971,323.1	1,371.70				Average	
		a 1198+04	256	633,103.8	971,392.5	1,365.30				Average	
		a 1194+07	255	632,705.1	971,422.6	1,357.40				Average	
		a 1190+07	254	632,305.1	971,421.8	1,350.20				Average	
		a 1186+07	253	631,905.1	971,418.7	1,345.90				Average	
		a 1182+07	252	631,505.1	971,415.6	1,344.20				Average	
		117	1413	631,305.1	971,414.1	1,343.55					
SR101_WB_L2_9	60.0	point1411	1411	636,265.7	971,112.9	1,390.80				Average	Y
		a 1225+99	349	635,865.7	971,113.7	1,388.80				Average	
		a 1221+99	348	635,465.7	971,114.5	1,385.60				Average	
		a 1217+99	347	635,065.7	971,115.3	1,381.90				Average	
		a 1213+96	346	634,665.9	971,123.0	1,379.30				Average	
		a 1209+91	345	634,268.5	971,167.3	1,376.90				Average	
		a 1205+87	344	633,877.8	971,252.1	1,375.00				Average	Y
		1203+88	1316	633,683.9	971,300.8	1,373.65				Average	Y
		a 1201+89	343	633,489.9	971,349.5	1,372.30				Average	
		a 1197+93	342	633,095.8	971,417.7	1,366.20				Average	
		a 1193+98	341	632,697.0	971,446.8	1,357.90				Average	
		a 1189+99	340	632,297.1	971,445.8	1,349.70				Average	
		a 1185+99	339	631,897.1	971,442.7	1,345.40				Average	
		a 1181+99	338	631,497.1	971,439.6	1,343.90				Average	
		1179+99	1412	631,297.1	971,438.1	1,343.15					
SR101_WB_L1_8	50.0	point1414	1414	631,305.1	971,414.1	1,343.55				Average	
		a 1178+07	251	631,105.2	971,412.5	1,342.90				Average	

INPUT: ROADWAYS

SR101 GPL, 75th Ave to I-17

		a 1174+07	250	630,705.2	971,409.5	1,341.50				Average
		a 1170+07	249	630,305.2	971,406.4	1,340.40				Average
		a 1166+07	248	629,905.2	971,403.3	1,339.20				Average
		a 1162+07	247	629,505.2	971,400.2	1,337.80				Average
		a 1158+07	246	629,105.2	971,397.1	1,336.40				Average
		a 1154+07	245	628,705.2	971,394.0	1,335.10				Average
		a 1150+07	244	628,305.2	971,390.9	1,334.20				Average
		a 1146+07	243	627,905.3	971,387.8	1,332.90				Average
		a 1142+07	242	627,505.3	971,384.7	1,330.60				Average
		a 1138+07	241	627,105.3	971,384.5	1,326.70				Average
		a 1134+07	240	626,705.3	971,386.1	1,322.70				
SR101_WB_L2_8	60.0	point1415	1415	631,297.1	971,438.1	1,343.15				Average
		a 1177+99	337	631,097.1	971,436.5	1,342.40				Average
		a 1173+99	336	630,697.1	971,433.4	1,341.00				Average
		a 1169+99	335	630,297.1	971,430.3	1,340.00				Average
		a 1165+99	334	629,897.1	971,427.2	1,338.80				Average
		a 1161+99	333	629,497.1	971,424.1	1,337.30				Average
		a 1157+99	332	629,097.2	971,421.0	1,335.90				Average
		a 1153+99	331	628,697.2	971,417.9	1,334.80				Average
		a 1149+99	330	628,297.2	971,414.8	1,333.70				Average
		a 1145+99	329	627,897.2	971,411.7	1,332.30				Average
		a 1141+99	328	627,497.2	971,408.7	1,330.00				Average
		a 1137+99	327	627,097.2	971,408.5	1,326.20				Average
		a 1133+99	326	626,697.2	971,410.2	1,322.20				
EB_FR_5-2	24.0	point1436	1436	631,373.8	971,250.5	1,339.50				Average
		246+00.00	663	631,573.8	971,252.2	1,342.20				Average
		248+00.00	664	631,773.8	971,253.9	1,344.70				Average
		250+00.00	665	631,973.8	971,255.1	1,345.90				Average
		252+00.00	666	632,173.8	971,256.3	1,346.30				Average
		254+00.00	667	632,373.6	971,249.0	1,347.40				Average
		256+00.00	668	632,573.5	971,241.7	1,349.50				Average
		258+00.00	669	632,772.1	971,218.3	1,351.70				Average
		260+00.00	670	632,970.8	971,195.0	1,352.30				Average
		262+00.00	671	633,167.3	971,157.9	1,350.70				Average
		point1470	1470	633,265.6	971,139.4	1,350.55				
WB_FR_5-2	24.0	point1437	1437	631,289.2	971,556.7	1,341.00				Average
		242+00.00	828	631,089.3	971,551.5	1,339.90				Average
		240+00.00	827	630,889.3	971,546.4	1,339.10				Average
		238+00.00	826	630,689.4	971,541.0	1,338.20				Average

INPUT: ROADWAYS

SR101 GPL, 75th Ave to I-17

		236+00.00	825	630,489.5	971,535.5	1,337.40				Average	
		234+00.00	824	630,289.5	971,530.4	1,336.50				Average	
		232+00.00	823	630,089.6	971,525.2	1,335.70				Average	
		230+00.00	822	629,889.7	971,520.0	1,334.90				Average	
		228+00.00	821	629,689.7	971,514.8	1,333.70				Average	
		226+00.00	820	629,489.8	971,509.7	1,332.90				Average	
		224+00.00	819	629,289.9	971,504.7	1,332.50				Average	
		222+00.00	818	629,089.9	971,499.3	1,332.70				Average	
		220+00.00	817	628,890.0	971,493.9	1,333.40				Average	
		218+00.00	816	628,690.1	971,489.0	1,334.20				Average	
		216+00.00	815	628,490.1	971,484.0	1,335.10				Average	
		214+00.00	814	628,290.1	971,482.2	1,335.70				Average	
		212+00.00	813	628,090.2	971,480.3	1,335.50				Average	
		210+00.00	812	627,890.2	971,478.8	1,333.70				Average	
		208+00.00	811	627,690.2	971,477.3	1,331.10				Average	
		206+00.00	810	627,490.2	971,476.3	1,328.10				Average	
		204+00.00	809	627,290.2	971,475.3	1,325.50				Average	
		202+00.00	808	627,090.2	971,477.4	1,323.70				Average	
		200+00.00	807	626,890.2	971,479.4	1,322.50				Average	
		198+00.00	806	626,690.2	971,482.9	1,321.70					
EB_FR_6-2	24.0	point1438	1438	634,942.6	970,926.9	1,356.80				Average	
		282+00.00	681	635,142.1	970,913.2	1,358.10				Average	
		284+00.00	682	635,341.6	970,899.5	1,359.20				Average	
		286+00.00	683	635,541.4	970,889.3	1,360.50				Average	
		288+00.00	684	635,741.1	970,879.0	1,361.60				Average	
		290+00.00	685	635,941.1	970,875.6	1,362.70					
WB_FR_6-2	24.0	point1439	1439	635,058.0	971,262.6	1,359.00				Average	
		280+00.00	847	634,858.0	971,261.1	1,356.90				Average	
		278+00.00	846	634,658.4	971,274.1	1,355.50				Average	
		276+00.00	845	634,458.8	971,287.1	1,354.60				Average	
		274+00.00	844	634,263.1	971,328.1	1,353.60					
27thAve_WB_Onramp	24.0	0	1440	639,006.3	971,400.0	1,380.20	Onramp	15.00	100	Average	
		3+13.29	1441	638,695.2	971,362.4	1,379.10				Average	
		5+71.59	1442	638,440.7	971,318.6	1,378.20				Average	
		7+78.59	1443	638,236.9	971,282.2	1,376.40				Average	
		10+31.71	1444	637,986.3	971,246.2	1,374.10				Average	
		12+10.00	1445	637,809.6	971,223.2	1,373.90				Average	
		13+48.26	1446	637,672.0	971,209.4	1,374.80				Average	
		15+12.37	1447	637,508.0	971,202.3	1,377.50				Average	

INPUT: ROADWAYS

SR101 GPL, 75th Ave to I-17

		17+47.38	1448	637,273.1	971,196.7	1,381.20				Average	
		19+27.30	1449	637,093.2	971,194.2	1,383.80				Average	
		21+80.04	1450	636,840.7	971,183.4	1,387.30				Average	
		23+75.64	1451	636,645.5	971,169.9	1,389.10					
SR101_EB_L2_10-2	60.0	point1453	1453	636,360.5	971,018.7	1,389.60				Average	Y
		1232+27	1313	636,493.8	971,018.4	1,389.53				Average	Y
		1233+60	1314	636,627.2	971,018.1	1,389.47				Average	
		a 1234+94	171	636,760.5	971,017.9	1,389.40				Average	
		a 1238+94	172	637,160.5	971,017.1	1,385.00				Average	
		a 1242+94	173	637,560.5	971,016.3	1,377.70				Average	
		a 1246+94	174	637,960.5	971,015.5	1,369.40				Average	
		a 1250+94	175	638,360.5	971,014.7	1,361.00				Average	
		a 1254+94	176	638,760.5	971,013.9	1,356.10				Average	
		a 1258+94	177	639,160.5	971,013.1	1,355.00				Average	
		a 1262+94	178	639,560.5	971,012.3	1,357.10				Average	
		a 1266+94	179	639,960.5	971,011.6	1,360.00				Average	
			180	640,360.5	971,010.8	1,362.30					
SR101_EB_L1_10-2	50.0	point1454	1454	636,352.8	971,042.7	1,390.10				Average	Y
		1232+19	1311	636,486.1	971,042.4	1,390.10				Average	Y
		1233+52	1312	636,619.5	971,042.1	1,390.10				Average	
		a 1234+86	77	636,752.8	971,041.9	1,390.10				Average	
		a 1238+86	78	637,152.8	971,041.1	1,385.50				Average	
		a 1242+86	79	637,552.8	971,040.3	1,378.40				Average	
		a 1246+86	80	637,952.8	971,039.5	1,370.00				Average	
		a 1250+86	81	638,352.8	971,038.7	1,361.60				Average	
		a 1254+86	82	638,752.8	971,037.9	1,356.60				Average	
		a 1258+86	83	639,152.8	971,037.2	1,355.40				Average	
		a 1262+86	84	639,552.8	971,036.4	1,357.50				Average	
		a 1266+86	85	639,952.8	971,035.6	1,360.60				Average	
			86	640,352.8	971,034.8	1,362.70					
Ramp ES	36.0	28+00.00	1001	636,179.7	970,991.4	1,389.90				Average	
		point1452	1452	636,379.5	970,982.4	1,389.70				Average	Y
		point1315	1315	636,479.1	970,972.9	1,389.60				Average	Y
		24+00.00	999	636,578.6	970,963.5	1,389.50				Average	
		22+00.00	998	636,778.1	970,950.8	1,388.40				Average	
		20+00.00	997	636,978.0	970,943.6	1,386.00				Average	
		18+00.00	996	637,177.9	970,939.0	1,382.70					
EB_FR_5-2	24.0	point1455	1455	626,773.9	971,214.3	1,322.60				Average	
		200+00.00	640	626,973.9	971,215.6	1,323.10				Average	

INPUT: ROADWAYS

SR101 GPL, 75th Ave to I-17

		202+00.00	641	627,173.9	971,217.4	1,324.10				Average	
		204+00.00	642	627,373.9	971,219.3	1,325.30				Average	
		206+00.00	643	627,573.9	971,221.0	1,326.30				Average	
		208+00.00	644	627,773.9	971,222.7	1,326.60				Average	
		210+00.00	645	627,973.9	971,224.5	1,327.30				Average	
		212+00.00	646	628,173.9	971,226.3	1,327.80				Average	
		214+00.00	647	628,373.9	971,227.9	1,328.10				Average	
		216+00.00	648	628,573.9	971,229.6	1,328.80				Average	
		218+00.00	649	628,773.9	971,231.1	1,329.10				Average	
		220+00.00	650	628,973.9	971,232.5	1,329.60				Average	
		222+00.00	651	629,173.9	971,234.1	1,330.10				Average	
		224+00.00	652	629,373.8	971,235.6	1,332.00				Average	
		226+00.00	653	629,573.8	971,236.9	1,332.80				Average	
		228+00.00	654	629,773.8	971,238.2	1,332.40				Average	
		230+00.00	655	629,973.8	971,239.8	1,334.30				Average	
		232+00.00	656	630,173.8	971,241.4	1,336.30				Average	
		234+00.00	657	630,373.8	971,242.9	1,336.40				Average	
		236+00.00	658	630,573.8	971,244.4	1,336.10				Average	
		238+00.00	659	630,773.8	971,245.9	1,336.90				Average	
		240+00.00	660	630,973.8	971,247.4	1,337.50				Average	
		242+00.00	661	631,173.8	971,249.0	1,338.30				Average	
		244+00.00	662	631,373.8	971,250.5	1,339.50					
SR101_EB_L3_4-2	24.0	point1456	1456	626,745.2	971,284.8	1,322.30				Average	
		68+00.00	967	626,945.2	971,286.4	1,324.30				Average	
		66+00.00	966	627,145.2	971,287.9	1,326.50				Average	
		64+00.00	965	627,345.2	971,289.4	1,328.20				Average	
		62+00.00	964	627,545.2	971,291.0	1,329.80				Average	
		60+00.00	963	627,745.2	971,292.5	1,331.20				Average	
		58+00.00	962	627,945.2	971,294.1	1,331.90				Average	
		56+00.00	961	628,145.2	971,295.6	1,332.60				Average	
		54+00.00	960	628,345.2	971,297.2	1,333.40				Average	
		52+00.00	959	628,545.2	971,298.7	1,333.90				Average	
		50+00.00	958	628,745.1	971,300.3	1,334.30				Average	
		48+00.00	957	628,945.1	971,301.8	1,334.80				Average	
		46+00.00	956	629,145.1	971,303.4	1,335.70				Average	
		44+00.00	955	629,345.1	971,304.9	1,336.30				Average	
		42+00.00	954	629,545.1	971,306.5	1,336.90				Average	
		40+00.00	953	629,745.1	971,308.0	1,337.60				Average	
		38+00.00	952	629,945.1	971,309.6	1,338.10				Average	

INPUT: ROADWAYS

SR101 GPL, 75th Ave to I-17

		36+00.00	951	630,145.1	971,311.1	1,338.60				Average
		34+00.00	950	630,345.1	971,312.7	1,339.40				Average
		32+00.00	949	630,545.1	971,314.2	1,340.10				Average
		30+00.00	948	630,745.1	971,315.8	1,340.60				Average
		28+00.00	947	630,945.1	971,317.3	1,341.40				Average
		26+00.00	946	631,145.1	971,318.9	1,342.00				Average
		24+00.00	945	631,345.1	971,320.4	1,342.90				Average
		22+00.00	944	631,545.1	971,321.9	1,343.70				Average
		20+00.00	943	631,745.1	971,323.5	1,344.30				Average
		18+00.00	942	631,945.1	971,325.0	1,345.30				
SR101_EB_L2_8-2	60.0	point1457	1457	626,792.1	971,309.2	1,323.20				Average
		a 1138+94	147	627,192.1	971,312.3	1,327.40				Average
		a 1142+94	148	627,592.1	971,315.4	1,330.70				Average
		a 1146+94	149	627,992.1	971,318.5	1,332.90				Average
		a 1150+94	150	628,392.0	971,321.6	1,334.20				Average
		a 1154+94	151	628,792.0	971,324.6	1,335.60				Average
		a 1158+94	152	629,192.0	971,327.7	1,336.40				Average
		a 1162+94	153	629,592.0	971,330.8	1,337.60				Average
		a 1166+94	154	629,992.0	971,333.9	1,338.80				Average
		a 1170+94	155	630,392.0	971,337.0	1,340.30				Average
		a 1174+94	156	630,792.0	971,340.1	1,341.40				Average
		a 1178+94	157	631,192.0	971,343.2	1,342.90				Average
		a 1182+94	158	631,591.9	971,346.3	1,344.40				Average
		a 1186+94	159	631,991.9	971,349.4	1,346.40				
SR101_EB_L1_8-2	50.0	point1458	1458	626,784.4	971,333.1	1,323.50				Average
		a 1138+86	53	627,184.4	971,336.2	1,327.60				Average
		a 1142+86	54	627,584.4	971,339.3	1,331.10				Average
		a 1146+86	55	627,984.4	971,342.4	1,333.00				Average
		a 1150+86	56	628,384.3	971,345.5	1,334.40				Average
		a 1154+86	57	628,784.3	971,348.6	1,335.90				Average
		a 1158+86	58	629,184.3	971,351.7	1,336.90				Average
		a 1162+86	59	629,584.3	971,354.8	1,338.00				Average
		a 1166+86	60	629,984.3	971,357.9	1,339.60				Average
		a 1170+86	61	630,384.3	971,361.0	1,340.90				Average
		a 1174+86	62	630,784.3	971,364.1	1,342.00				Average
		a 1178+86	63	631,184.3	971,367.2	1,343.40				Average
		a 1182+86	64	631,584.2	971,370.3	1,344.50				Average
		a 1186+86	65	631,984.2	971,373.3	1,346.70				
EB_FR_6-2	24.0	point1463	1463	634,142.7	970,938.7	1,353.10				Average

INPUT: ROADWAYS

SR101 GPL, 75th Ave to I-17

		274+00.00	677	634,342.6	970,934.7	1,353.90				Average
		276+00.00	678	634,542.6	970,930.8	1,354.90				Average
		278+00.00	679	634,742.6	970,928.9	1,355.90				Average
		280+00.00	680	634,942.6	970,926.9	1,356.80				
EB_FR_7-2	24.0	point1464	1464	636,740.8	970,856.4	1,366.60				Average
		300+00.00	690	636,940.5	970,846.3	1,369.10				Average
		302+00.00	691	637,140.3	970,836.3	1,370.90				Average
		304+00.00	692	637,340.0	970,826.2	1,372.10				Average
		306+00.00	693	637,539.7	970,815.9	1,372.80				Average
		308+00.00	694	637,739.5	970,805.6	1,373.50				Average
		310+00.00	695	637,939.2	970,795.6	1,373.50				Average
		312+00.00	696	638,139.0	970,785.7	1,374.70				Average
		314+00.00	697	638,338.7	970,775.2	1,375.50				Average
		316+00.00	698	638,538.4	970,764.7	1,376.00				
EB_FR_8-2	24.0	point1465	1465	639,537.2	970,715.8	1,373.10				Average
		328+00.00	704	639,737.1	970,708.4	1,368.10				Average
		330+00.00	705	639,935.4	970,734.1	1,362.30				Average
		332+00.00	706	640,133.8	970,759.8	1,359.70				
WB_FR_7-2	24.0	point1466	1466	638,653.8	971,374.3	1,378.30				Average
		316+00.00	865	638,454.8	971,354.9	1,377.30				Average
		314+00.00	864	638,255.7	971,335.5	1,376.20				Average
		312+00.00	863	638,056.6	971,316.0	1,375.10				Average
		310+00.00	862	637,857.3	971,300.4	1,373.90				Average
		308+00.00	861	637,657.9	971,284.8	1,373.10				Average
		306+00.00	860	637,457.9	971,281.2	1,372.50				Average
		304+00.00	859	637,257.9	971,277.6	1,371.90				Average
		302+00.00	858	637,057.9	971,276.6	1,370.40				Average
		point1489	1489	636,957.9	971,276.1	1,369.50				
WB_FR_6-2	24.0	point1467	1467	636,058.0	971,270.6	1,364.70				Average
		290+00.00	852	635,858.0	971,269.5	1,363.70				Average
		288+00.00	851	635,658.0	971,268.4	1,362.60				Average
		286+00.00	850	635,458.0	971,266.3	1,361.70				Average
		284+00.00	849	635,258.0	971,264.2	1,360.50				Average
		282+00.00	848	635,058.0	971,262.6	1,359.00				
WB_FR_5-2	24.0	point1468	1468	633,286.0	971,537.6	1,350.30				Average
		262+00.00	838	633,087.4	971,561.0	1,352.20				Average
		260+00.00	837	632,888.7	971,584.4	1,353.20				Average
		258+00.00	836	632,688.8	971,586.5	1,352.00				Average
		256+00.00	835	632,488.8	971,588.7	1,349.30				Average

INPUT: ROADWAYS

SR101 GPL, 75th Ave to I-17

		254+00.00	834	632,288.8	971,583.3	1,347.20				Average
		252+00.00	833	632,088.9	971,577.9	1,346.10				Average
		250+00.00	832	631,889.0	971,572.7	1,344.70				Average
		248+00.00	831	631,689.0	971,567.5	1,343.50				Average
		246+00.00	830	631,489.1	971,562.1	1,342.00				Average
		244+00.00	829	631,289.2	971,556.7	1,341.00				
EB_FR_5-2-2	24.0	point1471	1471	633,654.6	971,047.1	1,351.35				Average
		268+00.00	674	633,751.6	971,022.5	1,351.90				
EB_FR_5-2-2	24.0	point1472	1472	633,265.6	971,139.4	1,350.55				Average
		264+00.00	672	633,363.9	971,120.9	1,350.40				Average
		266+00.00	673	633,557.7	971,071.7	1,350.80				Average
		point1469	1469	633,654.6	971,047.1	1,351.35				
35thAve_EB_Offramp-2	24.0	point1475	1475	633,617.4	971,069.2	1,351.30				Average
		0+00.00	933	633,714.1	971,043.8	1,351.60				
35thAve_EB_Offramp-2	24.0	point1476	1476	633,230.2	971,169.8	1,351.15				Average
		4+00.00	935	633,326.9	971,144.3	1,350.60				Average
		2+00.00	934	633,520.6	971,094.6	1,351.00				Average
		point1473	1473	633,617.4	971,069.2	1,351.30				
EB_FR_6-2-2	24.0	point1477	1477	635,941.1	970,875.6	1,362.70				Average
		292+00.00	686	636,141.1	970,872.3	1,363.60				Average
		294+00.00	687	636,341.0	970,869.4	1,364.60				
EB_FR_6-2-2-2	24.0	point1478	1478	636,341.0	970,869.4	1,364.60				Average
		point1381	1381	636,407.7	970,868.4	1,364.77				
EB_FR_7-2-2	24.0	point1479	1479	638,937.8	970,743.1	1,377.20				Average
		point1389	1389	639,037.8	970,738.1	1,377.25				
EB_FR_7-2-2	24.0	point1480	1480	638,538.4	970,764.7	1,376.00				Average
		318+00.00	699	638,738.1	970,753.9	1,376.60				Average
		320+00.00	700	638,937.8	970,743.1	1,377.20				
27thAve_EB_Offramp-2	12.0	point1483	1483	638,904.5	970,757.6	1,377.50				Average
		0+00.00	1012	639,004.4	970,752.3	1,377.70				
27thAve_EB_Offramp-2	12.0	point1484	1484	638,506.2	970,793.3	1,376.50				Average
		4+00.00	1014	638,605.7	970,782.5	1,376.70				Average
		2+00.00	1013	638,804.7	970,763.0	1,377.30				Average
		point1481	1481	638,904.5	970,757.6	1,377.50				
WB_FR_8-2	24.0	point1486	1486	639,177.0	971,426.4	1,380.53				Average
		point1386	1386	639,103.2	971,418.9	1,380.37				
WB_FR_8-2	24.0	point1487	1487	639,549.6	971,461.5	1,378.20				Average
		326+00.00	870	639,450.0	971,452.3	1,379.70				Average
		324+00.00	869	639,250.8	971,433.9	1,380.70				Average

INPUT: ROADWAYS

SR101 GPL, 75th Ave to I-17

		point1385	1385	639,177.0	971,426.4	1,380.53					
WB_FR_7-2-2	24.0	point1490	1490	636,557.9	971,273.8	1,366.80					Average
		296+00.00	855	636,457.9	971,273.1	1,366.40					
WB_FR_7-2-2	24.0	point1491	1491	636,957.9	971,276.1	1,369.50					Average
		300+00.00	857	636,857.9	971,275.5	1,368.60					Average
		298+00.00	856	636,657.9	971,274.3	1,367.20					Average
		point1488	1488	636,557.9	971,273.8	1,366.80					
WB_FR_6-2-2	24.0	point1492	1492	634,263.1	971,328.1	1,353.60					Average
		point1493	1493	634,165.2	971,348.6	1,353.45					Average
		272+00.00	843	634,067.3	971,369.0	1,353.30					Average
		270+00.00	842	633,899.4	971,413.8	1,352.50					
WB_FR_6-2-2-2	24.0	point1494	1494	633,899.4	971,413.8	1,352.50					Average
		point1369	1369	633,821.6	971,436.1	1,352.37					
35thAve_SB-2	40.0	point1495	1495	633,759.1	971,077.3	1,351.90	Signal	10.00	100		Average
		6+52.50	1218	633,765.0	970,911.6	1,351.80					
35thAve_NB-2	40.0	point1496	1496	633,813.8	971,382.8	1,352.50	Signal	10.00	100		Average
		13+38.44	1222	633,819.3	971,546.6	1,352.80					
27thAve_SB-2	40.0	point1497	1497	639,047.4	970,798.4	1,377.50	Signal	10.00	100		Average
		8+73.25	1234	639,041.7	970,636.5	1,376.60					
27thAve_NB-2	40.0	point1498	1498	639,095.8	971,353.2	1,380.00	Signal	10.00	100		Average
		18+09.20	1238	639,093.7	971,514.8	1,380.30					
31stAve_SB-2	24.0	point1499	1499	636,415.6	970,909.3	1,365.10	Signal	10.00	100		Average
		5+87.36	1226	636,412.5	970,800.0	1,364.00					
31stAve_NB-2	24.0	point1500	1500	636,443.1	971,239.5	1,366.30	Signal	10.00	100		Average
		12+07.03	1230	636,449.9	971,387.4	1,366.60					

INPUT: TRAFFIC FOR LAeq1h Volumes

SR101 GPL, 75th Ave to I-17

AZTEC		11 November 2021										
AZTEC		TNM 2.5										
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:		SR101 GPL, 75th Ave to I-17										
RUN:		SR101 GPL, 75th Ave to I-17, Build S3										
Roadway	Points											
Name	Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
			Autos		V	S	V	S	V	S	V	S
			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
SR101_WB_L1_10		274	2717	70	309	70	54	70	0	0	0	0
	a 1266+07.41	273	2717	70	309	70	54	70	0	0	0	0
	a 1262+07.41	272	2717	70	309	70	54	70	0	0	0	0
	a 1258+07.41	271	2717	70	309	70	54	70	0	0	0	0
	a 1254+07.41	270	2717	70	309	70	54	70	0	0	0	0
	a 1250+07.41	269	2717	70	309	70	54	70	0	0	0	0
	a 1246+07.41	268	2717	70	309	70	54	70	0	0	0	0
	a 1242+07.41	267	2717	70	309	70	54	70	0	0	0	0
	a 1238+07.41	266	2717	70	309	70	54	70	0	0	0	0
	a 1234+07.41	265	2717	70	309	70	54	70	0	0	0	0
	1232+07	1310	2717	70	309	70	54	70	0	0	0	0
	a 1230+07.41	264										
SR101_WB_L2_10		360	2717	70	309	70	54	70	0	0	0	0
	a 1265+99.30	359	2717	70	309	70	54	70	0	0	0	0
	a 1261+99.30	358	2717	70	309	70	54	70	0	0	0	0
	a 1257+99.30	357	2717	70	309	70	54	70	0	0	0	0
	a 1253+99.30	356	2717	70	309	70	54	70	0	0	0	0
	a 1249+99.30	355	2717	70	309	70	54	70	0	0	0	0
	a 1245+99.30	354	2717	70	309	70	54	70	0	0	0	0
	a 1241+99.30	353	2717	70	309	70	54	70	0	0	0	0
	a 1237+99.30	352	2717	70	309	70	54	70	0	0	0	0
	a 1233+99.30	351	2717	70	309	70	54	70	0	0	0	0
	1231+99	1309	2717	70	309	70	54	70	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

SR101 GPL, 75th Ave to I-17

	a 1229+99.30	350										
WB_FR_8	332+00.00	873	1517	50	76	50	21	50	0	0	0	0
	330+00.00	872	1517	50	76	50	21	50	0	0	0	0
	328+00.00	871	1517	50	76	50	21	50	0	0	0	0
	point1485	1485										
27thAve_EB_Offramp	19+39.28	1022	957	50	61	50	20	50	0	0	0	0
	18+00.00	1021	957	50	61	50	20	50	0	0	0	0
	16+00.00	1020	957	50	61	50	20	50	0	0	0	0
	14+00.00	1019	957	50	61	50	20	50	0	0	0	0
	12+00.00	1018	957	50	61	50	20	50	0	0	0	0
	10+00.00	1017	957	50	61	50	20	50	0	0	0	0
	8+00.00	1016	957	50	61	50	20	50	0	0	0	0
	6+00.00	1015	957	50	61	50	20	50	0	0	0	0
	point1482	1482										
35thAve_SB	0+00.00	1215	1039	50	40	50	6	50	0	0	0	0
	0+50.08	1216	1039	50	40	50	6	50	0	0	0	0
	4+86.68	1217										
31stAve_SB	0+00.00	1223	243	50	5	50	1	50	0	0	0	0
	0+72.48	1224	243	50	5	50	1	50	0	0	0	0
	4+78.07	1225										
27thAve_SB	0+00.00	1231	1119	50	37	50	8	50	0	0	0	0
	0+42.50	1232	1119	50	37	50	8	50	0	0	0	0
	point1307	1307	1119	50	37	50	8	50	0	0	0	0
	point1308	1308	1119	50	37	50	8	50	0	0	0	0
	7+11.25	1233										
35thAve_NB	point1264	1264	1276	50	50	50	5	50	0	0	0	0
	7+46.82	1220	1276	50	50	50	5	50	0	0	0	0
	11+74.56	1221										
31stAve_NB	point1266	1266	418	50	8	50	2	50	0	0	0	0
	6+45.91	1228	418	50	8	50	2	50	0	0	0	0
	10+59.04	1229										
27thAve_NB	point1268	1268	951	50	36	50	6	50	0	0	0	0
	9+62.60	1236	951	50	36	50	6	50	0	0	0	0
	point1305	1305	951	50	36	50	6	50	0	0	0	0
	point1306	1306	951	50	36	50	6	50	0	0	0	0
	16+47.57	1237										

INPUT: TRAFFIC FOR LAeq1h Volumes

SR101 GPL, 75th Ave to I-17

35thAve_EB_Offramp	point1289	1289	995	50	40	50	8	50	0	0	0	0
	16+00.00	941	995	50	40	50	8	50	0	0	0	0
	14+00.00	940	995	50	40	50	8	50	0	0	0	0
	12+00.00	939	995	50	40	50	8	50	0	0	0	0
	10+00.00	938	995	50	40	50	8	50	0	0	0	0
	8+00.00	937	995	50	40	50	8	50	0	0	0	0
	6+00.00	936	995	50	40	50	8	50	0	0	0	0
	point1474	1474										
35thAve_WB_Onramp	0+00.00	1290	1077	50	43	50	9	50	0	0	0	0
	2+49.00	1291	1077	50	43	50	9	50	0	0	0	0
	4+94.61	1292	1077	50	43	50	9	50	0	0	0	0
	7+30.11	1293	1077	50	43	50	9	50	0	0	0	0
	9+35.50	1294	1077	50	43	50	9	50	0	0	0	0
	11+37.11	1295	1077	50	43	50	9	50	0	0	0	0
	14+53.34	1296	1077	50	43	50	9	50	0	0	0	0
	17+08.19	1297	1077	50	43	50	9	50	0	0	0	0
	19+76.61	1298	1077	50	43	50	9	50	0	0	0	0
	22+59.63	1299	1077	50	43	50	9	50	0	0	0	0
	24+41.13	1300										
SR101_WB_L3_4	point1301	1301	3544	70	313	70	66	70	0	0	0	0
	a 1177+99.32	1138	3544	70	313	70	66	70	0	0	0	0
	a 1175+99.32	1137	3544	70	313	70	66	70	0	0	0	0
	a 1173+99.32	1136	3544	70	313	70	66	70	0	0	0	0
	a 1171+99.32	1135	3544	70	313	70	66	70	0	0	0	0
	a 1169+99.32	1134	3544	70	313	70	66	70	0	0	0	0
	a 1167+99.32	1133	3544	70	313	70	66	70	0	0	0	0
	a 1165+99.32	1132	3544	70	313	70	66	70	0	0	0	0
	a 1163+99.32	1131	3544	70	313	70	66	70	0	0	0	0
	a 1161+99.32	1130	3544	70	313	70	66	70	0	0	0	0
	a 1159+99.32	1129	3544	70	313	70	66	70	0	0	0	0
	a 1157+99.32	1128	3544	70	313	70	66	70	0	0	0	0
	a 1155+99.32	1127	3544	70	313	70	66	70	0	0	0	0
	a 1153+99.32	1126	3544	70	313	70	66	70	0	0	0	0
	a 1151+99.32	1125	3544	70	313	70	66	70	0	0	0	0
	a 1149+99.32	1124	3544	70	313	70	66	70	0	0	0	0
	a 1147+99.32	1123	3544	70	313	70	66	70	0	0	0	0

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SR101 GPL, 75th Ave to I-17

	a 1145+99.32	1122	3544	70	313	70	66	70	0	0	0	0
	a 1143+99.32	1121	3544	70	313	70	66	70	0	0	0	0
	a 1141+99.32	1120	3544	70	313	70	66	70	0	0	0	0
	a 1139+99.33	1119	3544	70	313	70	66	70	0	0	0	0
	a 1137+99.34	1118	3544	70	313	70	66	70	0	0	0	0
	a 1135+99.35	1117	3544	70	313	70	66	70	0	0	0	0
	a 1133+99.36	1116										
SR101_EB_L3_5	46+23.32	1011	3198	70	284	70	68	70	0	0	0	0
	46+00.00	1010	3198	70	284	70	68	70	0	0	0	0
	44+00.00	1009	3198	70	284	70	68	70	0	0	0	0
	42+00.00	1008	3198	70	284	70	68	70	0	0	0	0
	40+00.00	1007	3198	70	284	70	68	70	0	0	0	0
	38+00.00	1006	3198	70	284	70	68	70	0	0	0	0
	36+00.00	1005	3198	70	284	70	68	70	0	0	0	0
	34+00.00	1004	3198	70	284	70	68	70	0	0	0	0
	32+00.00	1003	3198	70	284	70	68	70	0	0	0	0
	30+00.00	1002	3198	70	284	70	68	70	0	0	0	0
	point1302	1302										
Ramp ES-2	point1303	1303	1349	60	63	60	13	60	0	0	0	0
	16+00.00	995	1349	60	63	60	13	60	0	0	0	0
	14+00.00	994	1349	60	63	60	13	60	0	0	0	0
	12+00.00	993	1349	60	63	60	13	60	0	0	0	0
	10+00.00	992	1349	60	63	60	13	60	0	0	0	0
	8+00.00	991	1349	60	63	60	13	60	0	0	0	0
	6+00.00	990	1349	60	63	60	13	60	0	0	0	0
	4+00.00	989	1349	60	63	60	13	60	0	0	0	0
	2+00.00	988	1349	60	63	60	13	60	0	0	0	0
	point1251	1251	1349	60	63	60	13	60	0	0	0	0
	point1252	1252	1349	60	63	60	13	60	0	0	0	0
	point1253	1253	1349	60	63	60	13	60	0	0	0	0
	point1254	1254	1349	60	63	60	13	60	0	0	0	0
	point1255	1255	1349	60	63	60	13	60	0	0	0	0
	point1257	1257	1349	60	63	60	13	60	0	0	0	0
	point1258	1258										
SR101_WB_L3_5	point1304	1304	3185	70	299	70	63	70	0	0	0	0
	a 1227+98.44	1163	3185	70	299	70	63	70	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

SR101 GPL, 75th Ave to I-17

	a 1225+98.44	1162	3185	70	299	70	63	70	0	0	0	0
	a 1223+98.44	1161	3185	70	299	70	63	70	0	0	0	0
	a 1221+98.44	1160	3185	70	299	70	63	70	0	0	0	0
	a 1219+98.44	1159	3185	70	299	70	63	70	0	0	0	0
	a 1217+98.44	1158	3185	70	299	70	63	70	0	0	0	0
	a 1215+97.62	1157	3185	70	299	70	63	70	0	0	0	0
	a 1213+94.53	1156	3185	70	299	70	63	70	0	0	0	0
	a 1211+90.74	1155	3185	70	299	70	63	70	0	0	0	0
	a 1209+86.96	1154	3185	70	299	70	63	70	0	0	0	0
	a 1207+83.30	1153	3185	70	299	70	63	70	0	0	0	0
	a 1205+81.04	1152	3185	70	299	70	63	70	0	0	0	0
	a 1203+81.01	1151	3185	70	299	70	63	70	0	0	0	0
	a 1201+83.11	1150	3185	70	299	70	63	70	0	0	0	0
	a 1199+86.62	1149	3185	70	299	70	63	70	0	0	0	0
	a 1197+90.27	1148	3185	70	299	70	63	70	0	0	0	0
	a 1195+93.92	1147	3185	70	299	70	63	70	0	0	0	0
	a 1193+97.49	1146	3185	70	299	70	63	70	0	0	0	0
	a 1191+99.27	1145	3185	70	299	70	63	70	0	0	0	0
	a 1189+99.32	1144	3185	70	299	70	63	70	0	0	0	0
	a 1187+99.32	1143	3185	70	299	70	63	70	0	0	0	0
	a 1185+99.32	1142	3185	70	299	70	63	70	0	0	0	0
	a 1183+99.32	1141	3185	70	299	70	63	70	0	0	0	0
	a 1181+99.32	1140	3185	70	299	70	63	70	0	0	0	0
	a 1179+99.32	1139										
Ramp SW	point1245	1245	1742	60	129	60	46	60	0	0	0	0
	point1244	1244	1742	60	129	60	46	60	0	0	0	0
	point1243	1243	1742	60	129	60	46	60	0	0	0	0
	point1242	1242	1742	60	129	60	46	60	0	0	0	0
	point1241	1241	1742	60	129	60	46	60	0	0	0	0
	point1240	1240	1742	60	129	60	46	60	0	0	0	0
	a 1257+13.12	1178	1742	60	129	60	46	60	0	0	0	0
	a 1255+94.11	1177	1742	60	129	60	46	60	0	0	0	0
	a 1253+96.23	1176	1742	60	129	60	46	60	0	0	0	0
	a 1251+97.20	1175	1742	60	129	60	46	60	0	0	0	0
	a 1249+97.60	1174	1742	60	129	60	46	60	0	0	0	0
	a 1247+97.70	1173	1742	60	129	60	46	60	0	0	0	0

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SR101 GPL, 75th Ave to I-17

	a 1245+97.74	1172	1742	60	129	60	46	60	0	0	0	0
	a 1243+97.78	1171	1742	60	129	60	46	60	0	0	0	0
	a 1241+97.82	1170	1742	60	129	60	46	60	0	0	0	0
	a 1239+97.86	1169	1742	60	129	60	46	60	0	0	0	0
	a 1237+97.90	1168	1742	60	129	60	46	60	0	0	0	0
	a 1235+97.94	1167	1742	60	129	60	46	60	0	0	0	0
	a 1233+98.08	1166	1742	60	129	60	46	60	0	0	0	0
	a 1231+98.35	1165	1742	60	129	60	46	60	0	0	0	0
	a 1229+98.44	1164										
WB_FR_5	point1372	1372	329	50	14	50	1	50	0	0	0	0
	268+00.00	841	329	50	14	50	1	50	0	0	0	0
	266+00.00	840	329	50	14	50	1	50	0	0	0	0
	264+00.00	839										
EB_FR_6	point1376	1376	807	50	31	50	5	50	0	0	0	0
	point1374	1374	807	50	31	50	5	50	0	0	0	0
	270+00.00	675	807	50	31	50	5	50	0	0	0	0
	272+00.00	676										
WB_FR_6	point1380	1380	650	50	23	50	3	50	0	0	0	0
	point1378	1378	650	50	23	50	3	50	0	0	0	0
	294+00.00	854	650	50	23	50	3	50	0	0	0	0
	292+00.00	853										
EB_FR_7	point1384	1384	506	50	26	50	4	50	0	0	0	0
	296+00.00	688	506	50	26	50	4	50	0	0	0	0
	298+00.00	689										
WB_FR_7	point1388	1388	728	50	32	50	3	50	0	0	0	0
	320+00.00	867	728	50	32	50	3	50	0	0	0	0
	318+00.00	866										
EB_FR_8	point1391	1391	1913	50	100	50	25	50	0	0	0	0
	324+00.00	702	1913	50	100	50	25	50	0	0	0	0
	326+00.00	703										
SR101_EB_L2_9	point1406	1406	4797	70	426	70	102	70	0	0	0	0
	a 1190+94.09	160	4797	70	426	70	102	70	0	0	0	0
	a 1194+96.15	161	4797	70	426	70	102	70	0	0	0	0
	a 1199+01.13	162	4797	70	426	70	102	70	0	0	0	0
	a 1203+05.56	163	4797	70	426	70	102	70	0	0	0	0
	1204+38	1320	4797	70	426	70	102	70	0	0	0	0

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	1205+71	1321	4797	70	426	70	102	70	0	0	0	0
	a 1207+05.16	164	4797	70	426	70	102	70	0	0	0	0
	a 1211+00.56	165										
SR101_EB_L1_9	point1407	1407	4797	70	426	70	102	70	0	0	0	0
	a 1190+86.58	66	4797	70	426	70	102	70	0	0	0	0
	a 1194+87.44	67	4797	70	426	70	102	70	0	0	0	0
	a 1198+89.86	68	4797	70	426	70	102	70	0	0	0	0
	a 1202+92.05	69	4797	70	426	70	102	70	0	0	0	0
	1204+25	1318	4797	70	426	70	102	70	0	0	0	0
	1205+58	1319	4797	70	426	70	102	70	0	0	0	0
	a 1206+91.95	70	4797	70	426	70	102	70	0	0	0	0
	a 1210+89.71	71										
SR101_EB_L2_10	point1408	1408	3198	70	284	70	68	70	0	0	0	0
	a 1214+95.80	166	3198	70	284	70	68	70	0	0	0	0
	a 1218+94.36	167	3198	70	284	70	68	70	0	0	0	0
	a 1222+94.36	168	3198	70	284	70	68	70	0	0	0	0
	a 1226+94.36	169	3198	70	284	70	68	70	0	0	0	0
	a 1230+94.36	170										
SR101_EB_L1_10	point1409	1409	3198	70	284	70	68	70	0	0	0	0
	a 1214+87.36	72	3198	70	284	70	68	70	0	0	0	0
	a 1218+86.61	73	3198	70	284	70	68	70	0	0	0	0
	a 1222+86.61	74	3198	70	284	70	68	70	0	0	0	0
	a 1226+86.61	75	3198	70	284	70	68	70	0	0	0	0
	a 1230+86.61	76										
SR101_WB_L1_9	point1410	1410	3185	70	299	70	63	70	0	0	0	0
	a 1226+07.41	263	3185	70	299	70	63	70	0	0	0	0
	a 1222+07.41	262	3185	70	299	70	63	70	0	0	0	0
	a 1218+07.41	261	3185	70	299	70	63	70	0	0	0	0
	a 1214+06.22	260	3185	70	299	70	63	70	0	0	0	0
	a 1210+03.79	259	3185	70	299	70	63	70	0	0	0	0
	a 1206+01.81	258	3185	70	299	70	63	70	0	0	0	0
	1204+01	1317	3185	70	299	70	63	70	0	0	0	0
	a 1202+02.35	257	3185	70	299	70	63	70	0	0	0	0
	a 1198+04.68	256	3185	70	299	70	63	70	0	0	0	0
	a 1194+07.15	255	3185	70	299	70	63	70	0	0	0	0
	a 1190+07.83	254	3185	70	299	70	63	70	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

SR101 GPL, 75th Ave to I-17

	a 1186+07.83	253	3185	70	299	70	63	70	0	0	0	0
	a 1182+07.83	252	3185	70	299	70	63	70	0	0	0	0
	117	1413										
SR101_WB_L2_9	point1411	1411	3185	70	299	70	63	70	0	0	0	0
	a 1225+99.30	349	3185	70	299	70	63	70	0	0	0	0
	a 1221+99.30	348	3185	70	299	70	63	70	0	0	0	0
	a 1217+99.30	347	3185	70	299	70	63	70	0	0	0	0
	a 1213+96.74	346	3185	70	299	70	63	70	0	0	0	0
	a 1209+91.76	345	3185	70	299	70	63	70	0	0	0	0
	a 1205+87.81	344	3185	70	299	70	63	70	0	0	0	0
	1203+88	1316	3185	70	299	70	63	70	0	0	0	0
	a 1201+89.09	343	3185	70	299	70	63	70	0	0	0	0
	a 1197+93.85	342	3185	70	299	70	63	70	0	0	0	0
	a 1193+98.71	341	3185	70	299	70	63	70	0	0	0	0
	a 1189+99.95	340	3185	70	299	70	63	70	0	0	0	0
	a 1185+99.95	339	3185	70	299	70	63	70	0	0	0	0
	a 1181+99.95	338	3185	70	299	70	63	70	0	0	0	0
	1179+99	1412										
SR101_WB_L1_8	point1414	1414	3544	70	313	70	66	70	0	0	0	0
	a 1178+07.83	251	3544	70	313	70	66	70	0	0	0	0
	a 1174+07.83	250	3544	70	313	70	66	70	0	0	0	0
	a 1170+07.83	249	3544	70	313	70	66	70	0	0	0	0
	a 1166+07.83	248	3544	70	313	70	66	70	0	0	0	0
	a 1162+07.83	247	3544	70	313	70	66	70	0	0	0	0
	a 1158+07.83	246	3544	70	313	70	66	70	0	0	0	0
	a 1154+07.83	245	3544	70	313	70	66	70	0	0	0	0
	a 1150+07.83	244	3544	70	313	70	66	70	0	0	0	0
	a 1146+07.83	243	3544	70	313	70	66	70	0	0	0	0
	a 1142+07.83	242	3544	70	313	70	66	70	0	0	0	0
	a 1138+07.84	241	3544	70	313	70	66	70	0	0	0	0
	a 1134+07.87	240										
SR101_WB_L2_8	point1415	1415	3544	70	313	70	66	70	0	0	0	0
	a 1177+99.95	337	3544	70	313	70	66	70	0	0	0	0
	a 1173+99.95	336	3544	70	313	70	66	70	0	0	0	0
	a 1169+99.95	335	3544	70	313	70	66	70	0	0	0	0
	a 1165+99.95	334	3544	70	313	70	66	70	0	0	0	0

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SR101 GPL, 75th Ave to I-17

	a 1161+99.95	333	3544	70	313	70	66	70	0	0	0	0
	a 1157+99.95	332	3544	70	313	70	66	70	0	0	0	0
	a 1153+99.95	331	3544	70	313	70	66	70	0	0	0	0
	a 1149+99.95	330	3544	70	313	70	66	70	0	0	0	0
	a 1145+99.95	329	3544	70	313	70	66	70	0	0	0	0
	a 1141+99.95	328	3544	70	313	70	66	70	0	0	0	0
	a 1137+99.97	327	3544	70	313	70	66	70	0	0	0	0
	a 1133+99.99	326										
EB_FR_5-2	point1436	1436	308	50	10	50	1	50	0	0	0	0
	246+00.00	663	308	50	10	50	1	50	0	0	0	0
	248+00.00	664	308	50	10	50	1	50	0	0	0	0
	250+00.00	665	308	50	10	50	1	50	0	0	0	0
	252+00.00	666	308	50	10	50	1	50	0	0	0	0
	254+00.00	667	308	50	0	50	1	50	0	0	0	0
	256+00.00	668	308	50	10	50	1	50	0	0	0	0
	258+00.00	669	308	50	10	50	1	50	0	0	0	0
	260+00.00	670	308	50	10	50	1	50	0	0	0	0
	262+00.00	671	308	50	10	50	1	50	0	0	0	0
	point1470	1470										
WB_FR_5-2	point1437	1437	149	50	8	50	1	50	0	0	0	0
	242+00.00	828	149	50	8	50	1	50	0	0	0	0
	240+00.00	827	149	50	8	50	1	50	0	0	0	0
	238+00.00	826	149	50	8	50	1	50	0	0	0	0
	236+00.00	825	149	50	8	50	1	50	0	0	0	0
	234+00.00	824	149	50	8	50	1	50	0	0	0	0
	232+00.00	823	149	50	8	50	1	50	0	0	0	0
	230+00.00	822	149	50	8	50	1	50	0	0	0	0
	228+00.00	821	149	50	8	50	1	50	0	0	0	0
	226+00.00	820	149	50	8	50	1	50	0	0	0	0
	224+00.00	819	149	50	8	50	1	50	0	0	0	0
	222+00.00	818	149	50	8	50	1	50	0	0	0	0
	220+00.00	817	149	50	8	50	1	50	0	0	0	0
	218+00.00	816	149	50	8	50	1	50	0	0	0	0
	216+00.00	815	149	50	8	50	1	50	0	0	0	0
	214+00.00	814	149	50	8	50	1	50	0	0	0	0
	212+00.00	813	149	50	8	50	1	50	0	0	0	0

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	210+00.00	812	149	50	8	50	1	50	0	0	0	0
	208+00.00	811	149	50	8	50	1	50	0	0	0	0
	206+00.00	810	149	50	8	50	1	50	0	0	0	0
	204+00.00	809	149	50	8	50	1	50	0	0	0	0
	202+00.00	808	149	50	8	50	1	50	0	0	0	0
	200+00.00	807	149	50	8	50	1	50	0	0	0	0
	198+00.00	806										
EB_FR_6-2	point1438	1438	665	50	29	50	4	50	0	0	0	0
	282+00.00	681	665	50	29	50	4	50	0	0	0	0
	284+00.00	682	665	50	29	50	4	50	0	0	0	0
	286+00.00	683	665	50	29	50	4	50	0	0	0	0
	288+00.00	684	665	50	29	50	4	50	0	0	0	0
	290+00.00	685										
WB_FR_6-2	point1439	1439	602	50	22	50	3	50	0	0	0	0
	280+00.00	847	602	50	22	50	3	50	0	0	0	0
	278+00.00	846	602	50	22	50	3	50	0	0	0	0
	276+00.00	845	602	50	22	50	3	50	0	0	0	0
	274+00.00	844										
27thAve_WB_Onramp	0	1440	908	50	63	50	22	50	0	0	0	0
	3+13.29	1441	908	50	63	50	22	50	0	0	0	0
	5+71.59	1442	908	50	63	50	22	50	0	0	0	0
	7+78.59	1443	908	50	63	50	22	50	0	0	0	0
	10+31.71	1444	908	50	63	50	22	50	0	0	0	0
	12+10.00	1445	908	50	63	50	22	50	0	0	0	0
	13+48.26	1446	908	50	63	50	22	50	0	0	0	0
	15+12.37	1447	908	50	63	50	22	50	0	0	0	0
	17+47.38	1448	908	50	63	50	22	50	0	0	0	0
	19+27.30	1449	908	50	63	50	22	50	0	0	0	0
	21+80.04	1450	908	50	63	50	22	50	0	0	0	0
	23+75.64	1451										
SR101_EB_L2_10-2	point1453	1453	2642	70	281	70	55	70	0	0	0	0
	1232+27	1313	2642	70	281	70	55	70	0	0	0	0
	1233+60	1314	2642	70	281	70	55	70	0	0	0	0
	a 1234+94.36	171	2642	70	281	70	55	70	0	0	0	0
	a 1238+94.36	172	2642	70	281	70	55	70	0	0	0	0
	a 1242+94.36	173	2642	70	281	70	55	70	0	0	0	0

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	a 1246+94.36	174	2642	70	281	70	55	70	0	0	0	0
	a 1250+94.36	175	2642	70	281	70	55	70	0	0	0	0
	a 1254+94.36	176	2642	70	281	70	55	70	0	0	0	0
	a 1258+94.36	177	2642	70	281	70	55	70	0	0	0	0
	a 1262+94.36	178	2642	70	281	70	55	70	0	0	0	0
	a 1266+94.36	179	2642	70	281	70	55	70	0	0	0	0
		180										
SR101_EB_L1_10-2	point1454	1454	2642	70	281	70	55	70	0	0	0	0
	1232+19	1311	2642	70	281	70	55	70	0	0	0	0
	1233+52	1312	2642	70	281	70	55	70	0	0	0	0
	a 1234+86.61	77	2642	70	281	70	55	70	0	0	0	0
	a 1238+86.61	78	2642	70	281	70	55	70	0	0	0	0
	a 1242+86.61	79	2642	70	281	70	55	70	0	0	0	0
	a 1246+86.61	80	2642	70	281	70	55	70	0	0	0	0
	a 1250+86.61	81	2642	70	281	70	55	70	0	0	0	0
	a 1254+86.61	82	2642	70	281	70	55	70	0	0	0	0
	a 1258+86.61	83	2642	70	281	70	55	70	0	0	0	0
	a 1262+86.61	84	2642	70	281	70	55	70	0	0	0	0
	a 1266+86.61	85	2642	70	281	70	55	70	0	0	0	0
		86										
Ramp ES	28+00.00	1001	2306	50	124	50	33	50	0	0	0	0
	point1452	1452	2306	50	124	50	33	50	0	0	0	0
	point1315	1315	2306	50	124	50	33	50	0	0	0	0
	24+00.00	999	2306	50	124	50	33	50	0	0	0	0
	22+00.00	998	2306	50	124	50	33	50	0	0	0	0
	20+00.00	997	2306	50	124	50	33	50	0	0	0	0
	18+00.00	996										
EB_FR_5-2	point1455	1455	272	50	10	50	1	50	0	0	0	0
	200+00.00	640	272	50	10	50	1	50	0	0	0	0
	202+00.00	641	272	50	10	50	1	50	0	0	0	0
	204+00.00	642	272	50	10	50	1	50	0	0	0	0
	206+00.00	643	272	50	10	50	1	50	0	0	0	0
	208+00.00	644	272	50	10	50	1	50	0	0	0	0
	210+00.00	645	272	50	10	50	1	50	0	0	0	0
	212+00.00	646	272	50	10	50	1	50	0	0	0	0
	214+00.00	647	272	50	10	50	1	50	0	0	0	0

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	216+00.00	648	272	50	10	50	1	50	0	0	0	0
	218+00.00	649	272	50	10	50	1	50	0	0	0	0
	220+00.00	650	272	50	10	50	1	50	0	0	0	0
	222+00.00	651	272	50	10	50	1	50	0	0	0	0
	224+00.00	652	272	50	10	50	1	50	0	0	0	0
	226+00.00	653	272	50	10	50	1	50	0	0	0	0
	228+00.00	654	272	50	10	50	1	50	0	0	0	0
	230+00.00	655	272	50	10	50	1	50	0	0	0	0
	232+00.00	656	272	50	10	50	1	50	0	0	0	0
	234+00.00	657	272	50	10	50	1	50	0	0	0	0
	236+00.00	658	272	50	10	50	1	50	0	0	0	0
	238+00.00	659	272	50	10	50	1	50	0	0	0	0
	240+00.00	660	272	50	10	50	1	50	0	0	0	0
	242+00.00	661	272	50	10	50	1	50	0	0	0	0
	244+00.00	662										
SR101_EB_L3_4-2	point1456	1456	3530	70	297	70	71	70	0	0	0	0
	68+00.00	967	3530	70	297	70	71	70	0	0	0	0
	66+00.00	966	3530	70	297	70	71	70	0	0	0	0
	64+00.00	965	3530	70	297	70	71	70	0	0	0	0
	62+00.00	964	3530	70	297	70	71	70	0	0	0	0
	60+00.00	963	3530	70	297	70	71	70	0	0	0	0
	58+00.00	962	3530	70	297	70	71	70	0	0	0	0
	56+00.00	961	3530	70	297	70	71	70	0	0	0	0
	54+00.00	960	3530	70	297	70	71	70	0	0	0	0
	52+00.00	959	3530	70	297	70	71	70	0	0	0	0
	50+00.00	958	3530	70	297	70	71	70	0	0	0	0
	48+00.00	957	3530	70	297	70	71	70	0	0	0	0
	46+00.00	956	3530	70	297	70	71	70	0	0	0	0
	44+00.00	955	3530	70	297	70	71	70	0	0	0	0
	42+00.00	954	3530	70	297	70	71	70	0	0	0	0
	40+00.00	953	3530	70	297	70	71	70	0	0	0	0
	38+00.00	952	3530	70	297	70	71	70	0	0	0	0
	36+00.00	951	3530	70	297	70	71	70	0	0	0	0
	34+00.00	950	3530	70	297	70	71	70	0	0	0	0
	32+00.00	949	3530	70	297	70	71	70	0	0	0	0
	30+00.00	948	3530	70	297	70	71	70	0	0	0	0

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	28+00.00	947	3530	70	297	70	71	70	0	0	0	0
	26+00.00	946	3530	70	297	70	71	70	0	0	0	0
	24+00.00	945	3530	70	297	70	71	70	0	0	0	0
	22+00.00	944	3530	70	297	70	71	70	0	0	0	0
	20+00.00	943	3530	70	297	70	71	70	0	0	0	0
	18+00.00	942										
SR101_EB_L2_8-2	point1457	1457	3530	70	297	70	71	70	0	0	0	0
	a 1138+94.09	147	3530	70	297	70	71	70	0	0	0	0
	a 1142+94.09	148	3530	70	297	70	71	70	0	0	0	0
	a 1146+94.09	149	3530	70	297	70	71	70	0	0	0	0
	a 1150+94.09	150	3530	70	297	70	71	70	0	0	0	0
	a 1154+94.09	151	3530	70	297	70	71	70	0	0	0	0
	a 1158+94.09	152	3530	70	297	70	71	70	0	0	0	0
	a 1162+94.09	153	3530	70	297	70	71	70	0	0	0	0
	a 1166+94.09	154	3530	70	297	70	71	70	0	0	0	0
	a 1170+94.09	155	3530	70	297	70	71	70	0	0	0	0
	a 1174+94.09	156	3530	70	297	70	71	70	0	0	0	0
	a 1178+94.09	157	3530	70	297	70	71	70	0	0	0	0
	a 1182+94.09	158	3530	70	297	70	71	70	0	0	0	0
	a 1186+94.09	159										
SR101_EB_L1_8-2	point1458	1458	3530	70	297	70	71	70	0	0	0	0
	a 1138+86.58	53	3530	70	297	70	71	70	0	0	0	0
	a 1142+86.58	54	3530	70	297	70	71	70	0	0	0	0
	a 1146+86.58	55	3530	70	297	70	71	70	0	0	0	0
	a 1150+86.58	56	3530	70	297	70	71	70	0	0	0	0
	a 1154+86.58	57	3530	70	297	70	71	70	0	0	0	0
	a 1158+86.58	58	3530	70	297	70	71	70	0	0	0	0
	a 1162+86.58	59	3530	70	297	70	71	70	0	0	0	0
	a 1166+86.58	60	3530	70	297	70	71	70	0	0	0	0
	a 1170+86.58	61	3530	70	297	70	71	70	0	0	0	0
	a 1174+86.58	62	3530	70	297	70	71	70	0	0	0	0
	a 1178+86.58	63	3530	70	297	70	71	70	0	0	0	0
	a 1182+86.58	64	3530	70	297	70	71	70	0	0	0	0
	a 1186+86.58	65										
EB_FR_6-2	point1463	1463	807	50	31	50	5	50	0	0	0	0
	274+00.00	677	807	50	31	50	5	50	0	0	0	0

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	276+00.00	678	807	50	31	50	5	50	0	0	0	0
	278+00.00	679	807	50	31	50	5	50	0	0	0	0
	280+00.00	680										
EB_FR_7-2	point1464	1464	506	50	26	50	4	50	0	0	0	0
	300+00.00	690	506	50	26	50	4	50	0	0	0	0
	302+00.00	691	506	50	26	50	4	50	0	0	0	0
	304+00.00	692	506	50	26	50	4	50	0	0	0	0
	306+00.00	693	506	50	26	50	4	50	0	0	0	0
	308+00.00	694	506	50	26	50	4	50	0	0	0	0
	310+00.00	695	506	50	26	50	4	50	0	0	0	0
	312+00.00	696	506	50	26	50	4	50	0	0	0	0
	314+00.00	697	506	50	26	50	4	50	0	0	0	0
	316+00.00	698										
EB_FR_8-2	point1465	1465	1913	50	100	50	25	50	0	0	0	0
	328+00.00	704	1913	50	100	50	25	50	0	0	0	0
	330+00.00	705	1913	50	100	50	25	50	0	0	0	0
	332+00.00	706										
WB_FR_7-2	point1466	1466	594	50	24	50	3	50	0	0	0	0
	316+00.00	865	594	50	24	50	3	50	0	0	0	0
	314+00.00	864	594	50	24	50	3	50	0	0	0	0
	312+00.00	863	594	50	24	50	3	50	0	0	0	0
	310+00.00	862	594	50	24	50	3	50	0	0	0	0
	308+00.00	861	594	50	24	50	3	50	0	0	0	0
	306+00.00	860	594	50	24	50	3	50	0	0	0	0
	304+00.00	859	594	50	24	50	3	50	0	0	0	0
	302+00.00	858	594	50	24	50	3	50	0	0	0	0
	point1489	1489										
WB_FR_6-2	point1467	1467	650	50	23	50	3	50	0	0	0	0
	290+00.00	852	650	50	23	50	3	50	0	0	0	0
	288+00.00	851	650	50	23	50	3	50	0	0	0	0
	286+00.00	850	650	50	23	50	3	50	0	0	0	0
	284+00.00	849	650	50	23	50	3	50	0	0	0	0
	282+00.00	848										
WB_FR_5-2	point1468	1468	329	50	14	50	1	50	0	0	0	0
	262+00.00	838	329	50	14	50	1	50	0	0	0	0
	260+00.00	837	329	50	14	50	1	50	0	0	0	0

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	258+00.00	836	329	50	14	50	1	50	0	0	0	0
	256+00.00	835	329	50	14	50	1	50	0	0	0	0
	254+00.00	834	329	50	14	50	1	50	0	0	0	0
	252+00.00	833	329	50	14	50	1	50	0	0	0	0
	250+00.00	832	329	50	14	50	1	50	0	0	0	0
	248+00.00	831	329	50	14	50	1	50	0	0	0	0
	246+00.00	830	329	50	14	50	1	50	0	0	0	0
	244+00.00	829										
EB_FR_5-2-2	point1471	1471	308	18	10	13	1	10	0	0	0	0
	268+00.00	674										
EB_FR_5-2-2	point1472	1472	308	38	10	34	1	31	0	0	0	0
	264+00.00	672	308	38	10	34	1	31	0	0	0	0
	266+00.00	673	308	38	10	34	1	31	0	0	0	0
	point1469	1469										
35thAve_EB_Offramp-2	point1475	1475	995	18	40	13	8	10	0	0	0	0
	0+00.00	933										
35thAve_EB_Offramp-2	point1476	1476	995	38	40	34	8	31	0	0	0	0
	4+00.00	935	995	38	40	34	8	31	0	0	0	0
	2+00.00	934	995	38	40	34	8	31	0	0	0	0
	point1473	1473										
EB_FR_6-2-2	point1477	1477	665	38	29	34	4	31	0	0	0	0
	292+00.00	686	665	38	29	34	4	31	0	0	0	0
	294+00.00	687										
EB_FR_6-2-2-2	point1478	1478	665	18	29	13	4	10	0	0	0	0
	point1381	1381										
EB_FR_7-2-2	point1479	1479	506	18	26	13	4	10	0	0	0	0
	point1389	1389										
EB_FR_7-2-2	point1480	1480	506	38	26	34	4	31	0	0	0	0
	318+00.00	699	506	38	26	34	4	31	0	0	0	0
	320+00.00	700										
27thAve_EB_Offramp-2	point1483	1483	957	18	61	13	20	10	0	0	0	0
	0+00.00	1012										
27thAve_EB_Offramp-2	point1484	1484	957	38	61	34	20	31	0	0	0	0
	4+00.00	1014	957	38	61	34	20	31	0	0	0	0
	2+00.00	1013	957	38	61	34	20	31	0	0	0	0
	point1481	1481										

INPUT: TRAFFIC FOR LAeq1h Volumes

SR101 GPL, 75th Ave to I-17

WB_FR_8-2	point1486	1486	1517	18	76	13	21	10	0	0	0	0
	point1386	1386										
WB_FR_8-2	point1487	1487	1517	38	76	34	21	31	0	0	0	0
	326+00.00	870	1517	38	76	34	21	31	0	0	0	0
	324+00.00	869	1517	38	76	34	21	31	0	0	0	0
	point1385	1385										
WB_FR_7-2-2	point1490	1490	594	18	24	13	3	10	0	0	0	0
	296+00.00	855										
WB_FR_7-2-2	point1491	1491	594	38	24	34	3	31	0	0	0	0
	300+00.00	857	594	38	24	34	3	31	0	0	0	0
	298+00.00	856	594	38	24	34	3	31	0	0	0	0
	point1488	1488										
WB_FR_6-2-2	point1492	1492	602	38	22	34	3	31	0	0	0	0
	point1493	1493	602	38	22	34	3	31	0	0	0	0
	272+00.00	843	602	38	22	34	3	31	0	0	0	0
	270+00.00	842										
WB_FR_6-2-2-2	point1494	1494	602	18	22	13	3	10	0	0	0	0
	point1369	1369										
35thAve_SB-2	point1495	1495	779	50	27	50	6	50	0	0	0	0
	6+52.50	1218										
35thAve_NB-2	point1496	1496	1189	50	43	50	3	50	0	0	0	0
	13+38.44	1222										
27thAve_SB-2	point1497	1497	758	50	33	50	4	50	0	0	0	0
	8+73.25	1234										
27thAve_NB-2	point1498	1498	654	50	29	50	4	50	0	0	0	0
	18+09.20	1238										
31stAve_SB-2	point1499	1499	243	50	5	50	1	50	0	0	0	0
	5+87.36	1226										
31stAve_NB-2	point1500	1500	418	50	8	50	2	50	0	0	0	0
	12+07.03	1230										

AZTEC	11 November 2021
AZTEC	TNM 2.5

INPUT: BARRIERS

PROJECT/CONTRACT: SR101 GPL, 75th Ave to I-17
 RUN: SR101 GPL, 75th Ave to I-17, Build S3

Barrier									Points										
Name	Type	Height		If Wall	If Berm			Add'tnl	Name	No.	Coordinates (bottom)			Height	Segment				
		Min	Max	\$ per	\$ per	Top	Run:Rise	\$ per			X	Y	Z	at	Seg	Ht	Perturbs	On	Important
				Unit	Unit	Width		Unit						Point	Incre-	#Up	#Dn	Struct?	Reflec-
		ft	ft	\$/sq ft	\$/cu yd	ft	ft:ft	\$/ft			ft	ft	ft	ft	ft				tions?
Exist Wall EB7	W	0.00	99.99	0.00				0.00	a 1136+41.45	64	626,939.8	971,259.3	1,321.10	13.33	0.00	0	0		
									a 1138+41.36	65	627,139.7	971,261.0	1,323.20	14.00	0.00	0	0		
									a 1140+41.50	66	627,339.9	971,262.7	1,325.52	14.00	0.00	0	0		
									a 1142+41.51	67	627,539.9	971,264.4	1,326.90	14.00	0.00	0	0		
									a 1144+41.47	68	627,739.8	971,266.1	1,328.33	13.67	0.00	0	0		
									a 1146+41.43	69	627,939.8	971,267.7	1,328.94	13.00	0.00	0	0		
									a 1148+41.42	70	628,139.8	971,269.4	1,329.17	13.33	0.00	0	0		
									a 1150+41.49	71	628,339.8	971,271.1	1,329.93	13.33	0.00	0	0		
									a 1152+41.40	72	628,539.7	971,273.6	1,329.97	13.33	0.00	0	0		
									a 1154+41.52	73	628,739.8	971,275.1	1,330.38	12.67	0.00	0	0		
									a 1156+41.54	74	628,939.9	971,276.7	1,330.51	13.33	0.00	0	0		
									a 1158+41.51	75	629,139.8	971,278.2	1,331.74	13.33	0.00	0	0		
									a 1160+41.55	76	629,339.9	971,278.7	1,331.89	13.33	0.00	0	0		
									a 1162+41.51	77	629,539.8	971,280.3	1,332.59	13.67	0.00	0	0		
									a 1164+41.34	78	629,739.6	971,281.8	1,333.80	14.00	0.00	0	0		
									a 1166+41.50	79	629,939.8	971,283.3	1,335.28	12.67	0.00	0	0		
									a 1168+41.48	80	630,139.8	971,285.9	1,336.69	12.00	0.00	0	0		
									a 1170+41.48	81	630,277.9	971,289.2	1,337.93	12.00					
Exist Wall WB6	W	0.00	99.99	0.00				0.00	a 1154+71.44	168	628,768.3	971,470.4	1,333.82	10.67	0.00	0	0		
									a 1156+01.43	169	628,898.2	971,473.8	1,333.57	10.67	0.00	0	0		
									a 1158+01.39	170	629,098.1	971,479.0	1,332.71	12.67	0.00	0	0		
									a 1160+01.35	171	629,298.1	971,484.3	1,332.51	13.33	0.00	0	0		
									a 1162+01.32	172	629,498.0	971,489.5	1,333.16	12.67	0.00	0	0		
									a 1164+01.28	173	629,697.9	971,494.8	1,333.81	12.00	0.00	0	0		
									a 1166+01.25	174	629,897.9	971,500.0	1,334.59	12.00	0.00	0	0		
									a 1168+01.22	175	630,097.8	971,505.2	1,335.78	12.00	0.00	0	0		
									a 1170+01.19	176	630,297.7	971,510.3	1,336.76	11.33	0.00	0	0		
									a 1172+01.15	177	630,497.7	971,515.7	1,337.75	12.33	0.00	0	0		
									a 1174+01.11	178	630,697.6	971,521.3	1,338.03	12.00	0.00	0	0		
									a 1176+01.07	179	630,897.5	971,526.9	1,339.13	11.33	0.00	0	0		
									a 1178+01.03	180	631,097.4	971,532.3	1,339.76	12.00	0.00	0	0		
									a 1180+01.00	181	631,297.4	971,537.5	1,341.01	11.67	0.00	0	0		
									a 1182+00.96	182	631,497.3	971,542.7	1,341.30	10.67	0.00	0	0		
									a 1184+00.93	183	631,697.2	971,547.8	1,343.13	10.00	0.00	0	0		
									a 1186+00.90	184	631,897.2	971,553.0	1,344.40	10.00	0.00	0	0		

INPUT: BARRIERS

SR101 GPL, 75th Ave to I-17

									a 1188+00.86	185	632,097.1	971,558.2	1,345.37	10.00	0.00	0	0		
									a 1190+00.83	186	632,297.0	971,563.4	1,346.72	10.67					
Privacywall_EB15	W	0.00	99.99	0.00			0.00		point309	309	628,538.4	970,824.3	1,329.00	6.00	0.00	0	0		
									point310	310	628,539.6	970,897.6	1,329.00	6.00	0.00	0	0		
									point311	311	628,846.8	970,899.0	1,329.00	6.00	0.00	0	0		
									point312	312	629,158.0	970,900.5	1,328.00	6.00	0.00	0	0		
									point313	313	629,157.6	970,999.8	1,331.00	6.00	0.00	0	0		
									point314	314	629,159.1	971,186.2	1,330.19	6.00	0.00	0	0		
									point315	315	629,228.6	971,186.6	1,330.04	6.00					
Privacywall_EB16	W	0.00	99.99	0.00			0.00		point332	332	629,317.7	971,074.2	1,330.53	5.00	0.00	0	0		
									point318	318	629,318.9	971,153.7	1,330.53	5.00	0.00	0	0		
									point319	319	629,335.4	971,187.1	1,331.20	5.00	0.00	0	0		
									point320	320	629,503.7	971,186.4	1,331.85	5.00	0.00	0	0		
									point321	321	629,803.8	971,188.6	1,332.62	5.00	0.00	0	0		
									point322	322	629,973.8	971,192.1	1,333.99	5.00	0.00	0	0		
									point323	323	629,987.7	971,158.3	1,333.00	5.00	0.00	0	0		
									point324	324	629,987.1	971,087.3	1,333.00	5.00					
Privacywall_EB17	W	0.00	99.99	0.00			0.00		point334	334	630,065.5	971,192.5	1,334.38	6.00	0.00	0	0		
									point328	328	630,150.1	971,192.9	1,334.98	6.00	0.00	0	0		
									point329	329	630,150.7	971,064.6	1,334.00	6.00	0.00	0	0		
									point330	330	630,146.5	970,923.9	1,334.00	6.00					
Privacywall_EB18	W	0.00	99.99	0.00			0.00		point335	335	630,479.9	970,988.0	1,335.00	6.00	0.00	0	0		
									point336	336	630,480.8	971,188.4	1,334.80	6.00	0.00	0	0		
									point337	337	630,586.5	971,189.3	1,335.59	6.00					
Privacywall_EB19	W	0.00	99.99	0.00			0.00		point353	353	630,640.5	971,097.3	1,333.00	6.00	0.00	0	0		
									point340	340	630,642.2	971,189.6	1,335.55	6.00	0.00	0	0		
									point341	341	630,871.1	971,191.1	1,338.73	6.00	0.00	0	0		
									point342	342	631,098.1	971,192.6	1,339.70	6.00	0.00	0	0		
									point343	343	631,101.4	971,125.2	1,339.00	6.00					
Privacywall_EB20	W	0.00	99.99	0.00			0.00		point355	355	631,155.6	971,193.1	1,337.94	6.00	0.00	0	0		
									point346	346	631,393.1	971,195.1	1,339.32	6.00					
Privacywall_EB21	W	0.00	99.99	0.00			0.00		point357	357	631,449.9	971,195.6	1,339.32	6.00	0.00	0	0		
									point349	349	631,559.2	971,196.4	1,340.02	6.00	0.00	0	0		
									point350	350	631,559.8	971,107.4	1,340.00	6.00	0.00	0	0		
									point351	351	631,560.7	970,991.8	1,340.00	6.00					
Privacywall_EB23	W	0.00	99.99	0.00			0.00		point358	358	632,505.5	971,093.7	1,345.50	6.00	0.00	0	0		
									point359	359	632,505.1	971,182.3	1,343.00	6.00	0.00	0	0		
									point360	360	632,524.9	971,200.4	1,344.16	6.00	0.00	0	0		
									point361	361	632,624.5	971,198.4	1,348.17	6.00	0.00	0	0		
									point362	362	632,811.5	971,166.4	1,349.86	6.00	0.00	0	0		
									point363	363	633,059.1	971,123.1	1,349.27	6.00	0.00	0	0		
									point364	364	633,127.2	971,112.8	1,348.96	6.00	0.00	0	0		
									point365	365	633,426.6	971,023.8	1,349.47	6.00	0.00	0	0		
									point366	366	633,695.3	970,944.2	1,348.98	6.00	0.00	0	0		
									point367	367	633,726.5	970,937.0	1,351.33	6.00					
Privacywall_EB22	W	0.00	99.99	0.00			0.00		point368	368	632,490.9	970,813.0	1,345.00	6.00	0.00	0	0		
									point369	369	632,491.9	970,875.9	1,345.00	6.00	0.00	0	0		
									point370	370	632,505.9	970,875.7	1,345.00	6.00	0.00	0	0		
									point371	371	632,507.7	970,988.0	1,345.00	6.00	0.00	0	0		

INPUT: BARRIERS

SR101 GPL, 75th Ave to I-17

									point372	372	632,521.3	970,987.8	1,345.00	6.00				
JerseyBarrier_1	W	0.00	99.99	0.00			0.00	point744	744	632,787.1	971,312.4	1,358.90	4.00	0.00	0	0		
								point745	745	633,181.6	971,276.1	1,367.10	4.00	0.00	0	0		
								point746	746	633,572.2	971,196.0	1,373.10	4.00					
JerseyBarrier_2	W	0.00	99.99	0.00			0.00	point748	748	633,572.2	971,196.0	1,373.10	4.00	0.00	0	0	Y	
								point749	749	633,830.9	971,129.7	1,375.10	4.00	0.00	0	0	Y	
								point750	750	633,957.0	971,096.6	1,376.10	4.00	0.00	0	0		
								point751	751	634,356.4	971,011.7	1,378.50	4.00	0.00	0	0		
								point752	752	634,579.6	970,988.7	1,380.40	4.00	0.00	0	0		
								point753	753	634,779.5	970,978.1	1,381.20	4.00	0.00	0	0		
								point754	754	635,180.8	970,975.8	1,382.30	4.00	0.00	0	0		
								point755	755	635,382.1	970,974.7	1,384.10	4.00	0.00	0	0		
								point756	756	635,584.2	970,960.7	1,385.70	4.00					
BuildingBarrier_1B	W	0.00	99.99	0.00			0.00	point781	781	632,197.8	970,958.2	1,346.00	15.00	0.00	0	0		
								point782	782	632,197.8	971,013.1	1,346.00	15.00	0.00	0	0		
								point783	783	632,279.6	971,016.1	1,346.00	15.00	0.00	0	0		
								point784	784	632,279.1	970,954.2	1,346.00	15.00					
BuildingBarrier_1A	W	0.00	99.99	0.00			0.00	point785	785	630,344.0	970,976.5	1,336.00	15.00	0.00	0	0		
								point786	786	630,344.0	971,008.9	1,336.00	15.00	0.00	0	0		
								point787	787	630,330.9	971,008.9	1,336.00	15.00	0.00	0	0		
								point788	788	630,332.0	971,082.3	1,336.00	15.00	0.00	0	0		
								point789	789	630,405.3	971,081.2	1,336.00	15.00	0.00	0	0		
								point790	790	630,405.2	971,072.1	1,336.00	15.00	0.00	0	0		
								point791	791	630,443.9	971,032.9	1,336.00	15.00	0.00	0	0		
								point792	792	630,443.6	970,969.3	1,336.00	15.00					
Relocated Barrier	W	0.00	99.99	0.00			0.00	a 1169+79.63	793	630,277.9	971,289.2	1,337.93	14.00	0.00	0	0		
								a 1171+78.99	794	630,477.4	971,274.8	1,335.90	14.00	0.00	0	0		
								a 1172+07.43	795	630,505.8	971,272.7	1,335.83	14.00	0.00	0	0		
								a 1174+07.43	796	630,705.8	971,274.3	1,335.95	14.00	0.00	0	0		
								a 1176+07.43	797	630,905.8	971,275.8	1,337.12	14.00	0.00	0	0		
								a 1178+07.43	798	631,105.8	971,277.3	1,337.60	14.00	0.00	0	0		
								a 1180+07.43	799	631,305.8	971,278.9	1,338.18	14.00	0.00	0	0		
								a 1182+07.43	800	631,505.8	971,280.4	1,339.82	14.00	0.00	0	0		
								a 1184+07.43	801	631,705.8	971,282.0	1,342.62	14.00	0.00	0	0		
								a 1186+07.43	802	631,905.8	971,283.5	1,343.88	14.00	0.00	0	0		
								a 1188+07.43	803	632,105.8	971,285.1	1,345.51	14.00	0.00	0	0		
								a 1188+68.67	804	632,167.0	971,285.6	1,345.80	14.00	0.00	0	0		
								a 1190+68.18	805	632,366.6	971,273.1	1,347.28	14.00	0.00	0	0		
								a 1192+68.44	806	632,566.2	971,260.7	1,350.01	14.00	0.00	0	0		
								a 1193+70.30	807	632,666.0	971,254.5	1,350.74	14.00	0.00	0	0		
								a 1194+73.56	808	632,765.6	971,245.2	1,351.93	14.00	0.00	0	0		
								a 1195+77.32	809	632,864.5	971,230.6	1,352.48	14.00	0.00	0	0		
								a 1196+36.29	810	632,920.4	971,220.0	1,352.77	14.00					

INPUT: RECEIVERS

SR101 GPL, 75th Ave to I-17

AZTEC						11 November 2021					
AZTEC						TNM 2.5					
INPUT: RECEIVERS											
PROJECT/CONTRACT:		SR101 GPL, 75th Ave to I-17									
RUN:		SR101 GPL, 75th Ave to I-17, Build S3									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height above Ground	Input Sound Levels and Criteria				Active in Calc.
			X	Y	Z		Existing LAeq1h	Impact Criteria LAeq1h	Sub'l	NR Goal	
			ft	ft	ft	ft	dBA	dBA	dB	dB	
E138	321	3	628,557.6	970,850.1	1,329.00	5.00	0.00	66	15.0	7.0	
E139	322	1	628,659.1	971,008.5	1,329.00	5.00	0.00	66	15.0	7.0	
E140	323	3	628,860.5	970,866.8	1,329.00	5.00	0.00	66	15.0	7.0	
E141	324	4	629,127.2	970,873.8	1,328.00	5.00	0.00	66	15.0	7.0	
E142	325	2	629,186.9	970,983.5	1,331.00	5.00	0.00	66	15.0	7.0	
E143	326	2	629,184.1	971,166.8	1,330.84	5.00	0.00	66	15.0	7.0	
E144	327	3	629,332.1	971,098.8	1,330.00	5.00	0.00	66	15.0	7.0	
E145	328	4	629,336.2	970,888.3	1,330.00	5.00	0.00	66	15.0	7.0	
E146	329	3	629,570.7	971,100.9	1,330.30	5.00	0.00	66	15.0	7.0	
E147	330	8	629,581.1	970,895.6	1,330.00	5.00	0.00	66	15.0	7.0	
E148	331	4	629,811.3	971,110.2	1,331.50	5.00	0.00	66	15.0	7.0	
E149	332	2	629,975.9	971,108.1	1,332.50	5.00	0.00	66	15.0	7.0	
E150	333	8	629,975.9	970,889.4	1,332.00	5.00	0.00	66	15.0	7.0	
E151	334	2	630,111.4	971,173.8	1,333.74	5.00	0.00	66	15.0	7.0	
E152	335	2	630,112.4	970,972.7	1,334.00	5.00	0.00	66	15.0	7.0	
E153a	336	3	630,326.0	971,075.8	1,336.00	5.00	0.00	66	15.0	7.0	
E153b	337	3	630,408.5	971,081.0	1,336.00	5.00	0.00	66	15.0	7.0	
E153c	338	2	630,446.6	971,034.1	1,336.00	5.00	0.00	66	15.0	7.0	
E153d	339	2	630,445.2	970,970.9	1,336.00	5.00	0.00	66	15.0	7.0	Y
E153e	340	2	630,335.1	970,980.3	1,336.00	5.00	0.00	66	15.0	7.0	
E154/MON13	341	1	630,408.4	971,162.6	1,336.00	5.00	0.00	66	15.0	7.0	
E155	342	2	630,508.3	971,165.4	1,335.01	5.00	0.00	66	15.0	7.0	

INPUT: RECEIVERS

SR101 GPL, 75th Ave to I-17

E156	343	2	630,511.4	971,005.0	1,335.00	5.00	0.00	66	15.0	7.0	
E157	344	3	630,655.2	971,143.6	1,333.00	5.00	0.00	66	15.0	7.0	
E158	345	4	630,655.2	970,863.3	1,333.00	5.00	0.00	66	15.0	7.0	
E159	346	3	630,878.2	971,143.6	1,338.60	5.00	0.00	66	15.0	7.0	
E160	347	2	631,089.6	971,146.7	1,339.00	5.00	0.00	66	15.0	7.0	
E161	348	5	631,094.9	970,930.0	1,339.00	5.00	0.00	66	15.0	7.0	
E162	349	6	631,233.4	971,173.8	1,338.09	5.00	0.00	66	15.0	7.0	
E163	350	3	631,403.2	970,874.8	1,340.00	5.00	0.00	66	15.0	7.0	
E164	351	2	631,531.4	971,161.2	1,340.00	5.00	0.00	66	15.0	7.0	
E165	352	3	631,527.2	970,988.3	1,340.00	5.00	0.00	66	15.0	7.0	
E166	353	3	631,763.8	970,763.3	1,340.00	5.00	0.00	66	15.0	7.0	
E167	354	2	632,100.2	970,949.8	1,342.00	5.00	0.00	66	15.0	7.0	
E168a	355	2	632,193.9	971,012.7	1,346.00	5.00	0.00	66	15.0	7.0	
E168b	356	3	632,237.9	971,021.2	1,346.00	5.00	0.00	66	15.0	7.0	
E168c	357	2	632,281.4	971,014.8	1,346.00	5.00	0.00	66	15.0	7.0	
E168d	358	2	632,282.1	970,957.1	1,346.00	5.00	0.00	66	15.0	7.0	
E169	360	3	632,519.1	971,113.4	1,345.50	5.00	0.00	66	15.0	7.0	
E170	361	6	632,526.3	970,901.9	1,345.00	5.00	0.00	66	15.0	7.0	
E171	362	6	632,756.6	970,926.9	1,347.00	5.00	0.00	66	15.0	7.0	
E172	363	3	632,801.4	971,125.9	1,347.00	5.00	0.00	66	15.0	7.0	Y
E173	364	6	632,975.4	970,895.6	1,347.00	5.00	0.00	66	15.0	7.0	
E174	365	4	633,063.9	971,075.8	1,347.00	5.00	0.00	66	15.0	7.0	
E175	366	3	633,077.4	970,811.2	1,347.00	5.00	0.00	66	15.0	7.0	
E176	367	6	633,269.5	970,877.6	1,349.00	5.00	0.00	66	15.0	7.0	
E177	368	6	633,269.5	970,760.9	1,349.00	5.00	0.00	66	15.0	7.0	
E178	369	6	633,269.5	970,653.6	1,349.00	5.00	0.00	66	15.0	7.0	
E179	370	3	633,466.4	970,631.9	1,349.00	5.00	0.00	66	15.0	7.0	
E180	371	2	633,384.0	970,522.9	1,349.00	5.00	0.00	66	15.0	7.0	
E181	372	2	633,579.8	970,521.8	1,349.00	5.00	0.00	66	15.0	7.0	
E182	373	3	633,678.8	970,408.2	1,349.00	5.00	0.00	66	15.0	7.0	
E183	374	3	633,572.1	970,407.1	1,349.00	5.00	0.00	66	15.0	7.0	
E184	375	3	633,328.4	970,371.8	1,349.00	5.00	0.00	66	15.0	7.0	
E185	376	3	633,500.8	970,361.8	1,349.00	5.00	0.00	66	15.0	7.0	
E168e	442	1	632,188.8	970,946.2	1,342.00	5.00	0.00	66	15.0	7.0	