

Appendix A

Geographical Boundaries of ERPAs

Sector	Boundaries	Sector	Boundaries
A-1	N: Lowe Branches of Watts Bar Lake E: Watts Bar Lake S: SR 68 W: Old Dixie Hwy. to SR 68m, follow W. shoreline, Hillary Circle, to Pinhook Rd.	A-2	N: Int. of Ware Farms Rd. and Toestring Valley Rd. east to the TN river E: TN river S: Low branches of WB Lake – Pin Hook Rd. to Torbette Rd. W: Torbette Rd. and Lakewood Village Rd.
A-3	N: Int. of US 27 and the south city limits of Spring City to Watts Bar Lake; then along the west shoreline to Toestring Valley Rd; east to Ware Farms Rd. E: Lakewood Village, Torbett, Pinhook Hillary Circle along west shoreline to SR 68 S: Lakeside, Hickey Town, and Lowe Branch Rds. W: US 27	A-4	N: Shut-in Gap Rd. and south city limits of Spring City E: US 27 from Spring City limits to Trentham Road S: Int. of Trentham Rd. , west to top of ridge W: Top of ridge north to Shut-in Gap Rd.
A-5	N: TN River E: TN River S: Int. of Ware Farms and Toestring Valley Rds. east to TN River W: Shoreline of inlet at Arrowhead Estates and Toestring Valley Rd. to Int. at Ware Farms Rd.	A-6	N: Roddy Rd. to TN River E: Inlet east of Arrowhead Est. south along Toestring Valley Rd. to Ware Farms Rd. S: Toestring Valley Rd. from Ware Farms Rd. int. west to Muddy Creek Rd; follow west shoreline to north city limits of Spr. City then to US 27. W: US 27
A-7	N: North Caywood Rd. to top of ridge; Possum Trot, Walt Reed Rds. E: US 27 to north city limits of Spr. City; follow city limits to Shut-In Gap Rd. S: Shut-In Gap Rd. W: Ridge top from Walt Reed Rd south to Shut-in Gap Rd.	B-1	N: Johnson and Huff Bend Rds. E: River Rd. south to SR 68 S: SR 68 W: TN River
B-2	N: Meigs/Roane County Line E: SR 58 S: SR 68 W: SR 304	B-3	N: Suttarth Rd. to Meigs Co. Line E: Meigs/McMinn/Roane Co. Line S: SR 68 W: SR 58
B-4	N: Meigs Co. Line E: River Rd. S: Johnson and Huff Bend Rds. W: TN River	B-5	N: Meigs/Roane Co. Line E: Meigs/Roane Co. Line S: Suttarth Rd. to Meigs Co. Line W: SR 58
C-1	N: SR 68 E: Big Sewee Rd. S: Hornsby and Forrest Grove Rds. W: TN River	C-2	N: SR 68 E: Meigs/McMinn Co. Line S: Butler and Center Point Rds. W: Big Sewee Rd.
C-3	N: Meigs Co. Line to SR68 on CR286, CR290, and CR293 E: SR 68 south on CR282, CR280, CR272, CR211 and CR212 to SR305 S: CR192 and SR305 to CR212 W: Intsection with CR286 and McMinn County Line along county line to CR192	C-4	N: Hornsby and Forrest Grove Rds. E: SR 58 S: Hobe Colbaugh Rd. W: TN River
C-5	N: Center Point and Butler Rds. E: Meigs/McMinn Co. Line S: SR 30 W: City Limits of Decatur and SR 58	C-6	N: CR192 and SR 305 to CR212 E: South from Clearwater on CR168. to Int. with SR 30, then west on SR 30 to Idlewild S: From Idlewild on CR180. to CR186 and CR182. then west of Meigs Co. Line W: Meigs/McMinn Co. Line
C-7	N: Hobe Colbaugh Rd. E: Decatur City Limits S: SR 30 W: TN River	C-8	N: Hobe Colbaugh Rd. E: Decatur City Limits S: Sharp Lane W: Curtis and River Rds.
C-9	N: SR 30 E: SR 58 S: Cotton Pond Ridge Rd. W: TN River	C-10	N: David Lillard Hwy. E: Meigs/McMinn Co. Line S: Roberts Ridge and Thurman Rds. W: SR 58



Appendix B

Transient and Special Facility
Population Data

Table B-1. Major Employers in Watts Bar EPZ

Facility	ERPA	population						vehicles					
		Summer			Winter			Summer			Winter		
		week-day	week-night	week-end	week-day	week-night	week-end	week-day	week-night	week-end	week-day	week-night	week-end
SHAW INDUSTRIES INC	C-9	400	50	25	400	50	25	400	50	25	400	50	25
STORM COPPER COMPONENTS CO	C-8	120	20	15	120	20	15	120	20	15	120	20	15
TVA WATTS BAR NUCLEAR	D-1	685	230	215	685	230	215	685	230	215	685	230	215
SSM INDUSTRIES INC	A-7	60	10	10	60	10	10	60	10	10	60	10	10
VOLUNTEER ENERGY CO-OP	C-8	60	0	10	60	0	10	60	0	10	60	0	10
POLYFORM INC	C-9	50	0	0	50	0	0	50	0	0	50	0	0
SOLOMON CORP	C-9	75	0	10	75	0	10	75	0	10	75	0	10

Table B-2. Hotels, Motels, Recreation Areas, and Facilities in Watts Bar EPZ

Facility	ERPA	population						vehicles					
		Summer			Winter			Summer			Winter		
		week-day	week-night	week-end	week-day	week-night	week-end	week-day	week-night	week-end	week-day	week-night	week-end
PINEY POINTE FISHING RESORT	A-3	45	45	45	45	45	45	18	18	18	18	18	18
RHEA SPRINGS REC AREA (DAY)	A-3	300	0	300	300	0	300	120	0	120	120	0	120
TERRACE VIEW MARINA MOTEL	A-5	40	40	40	40	40	40	16	16	16	16	16	16
TERRACE VIEW MARINA (DAY)	A-5	88	0	88	88	0	88	35	0	35	35	0	35
CEP EDEN MARINA DAY	A-5	213	0	213	213	0	213	85	0	85	85	0	85
HOWARD JOHNSON MOTEL	A-7	30	30	30	20	20	20	30	30	30	20	20	20
EUCHEE MARINA (CABINS)	B-4	43	43	43	43	43	43	17	17	17	17	17	17
EUCHEE MARINA (DAY)	B-4	88	0	88	88	0	88	35	0	35	35	0	35
FOOSHEE PASS REC AREA RV	B-4	50	50	50	50	50	50	20	20	20	20	20	20
FOOSHEE PASS REC AREA DAY	B-4	25	0	25	25	0	25	10	0	10	10	0	10
HORNSBY HOLLOW RV	B-4	250	250	250	250	250	250	100	100	100	100	100	100
COTTON PORT MARINA RV	C-9	50	50	50	50	50	50	20	20	20	20	20	20
COTTON PORT MARINA DAY	C-9	25	0	25	25	0	25	10	0	10	10	0	10

Table B-3. School/Large Daycare Facilities in Watts Bar EPZ

School	ERPA	Students	Staff	Students+ Staff (Combined)	Bus	Van	Auto
E.K. BAKER SCHOOL	C-6	365	41	406	6		23
MEIGS NORTH ELEMENTARY	C-2	425	47	472	7		26
MEIGS COUNTY HIGH SCHOOL	C-8	560	62	622	9		35
MEIGS MIDDLE SCHOOL	C-8	425	47	472	7		26
HEAD START NORTH	C-2	20	4	24			4
WATTS BAR DAY CARE	B-2	40	7	47		2	3
RHEA COUNTY H.S	D-6	1317	146	1463	22		80
SPRING CITY ELEMENTARY	A-4	579	64	643	10		34
SPRING CITY MIDDLE SCHOOL	A-7	350	39	389	6		21
SEQUATCHIE V HEAD START RHEA	A-7	39	7	46		2	3
COUNTY PRESCHOOL	D-6	10	2	12			2
RHEA COUNTY ALTERNATE I	D-6	25	5	30		1	3
RHEA COUNTY ALTERNATE II	D-6	21	4	25		1	2
SPRING CITY CHRISTIAN KIDDIE ACAD	A-6	26	5	31		1	3

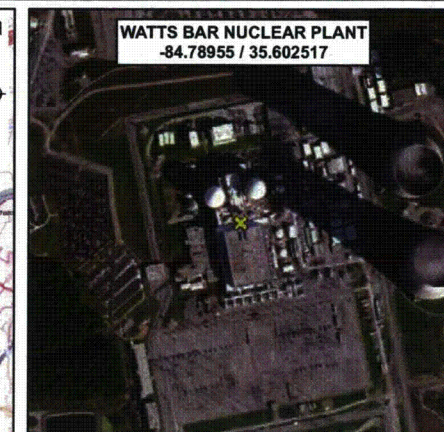
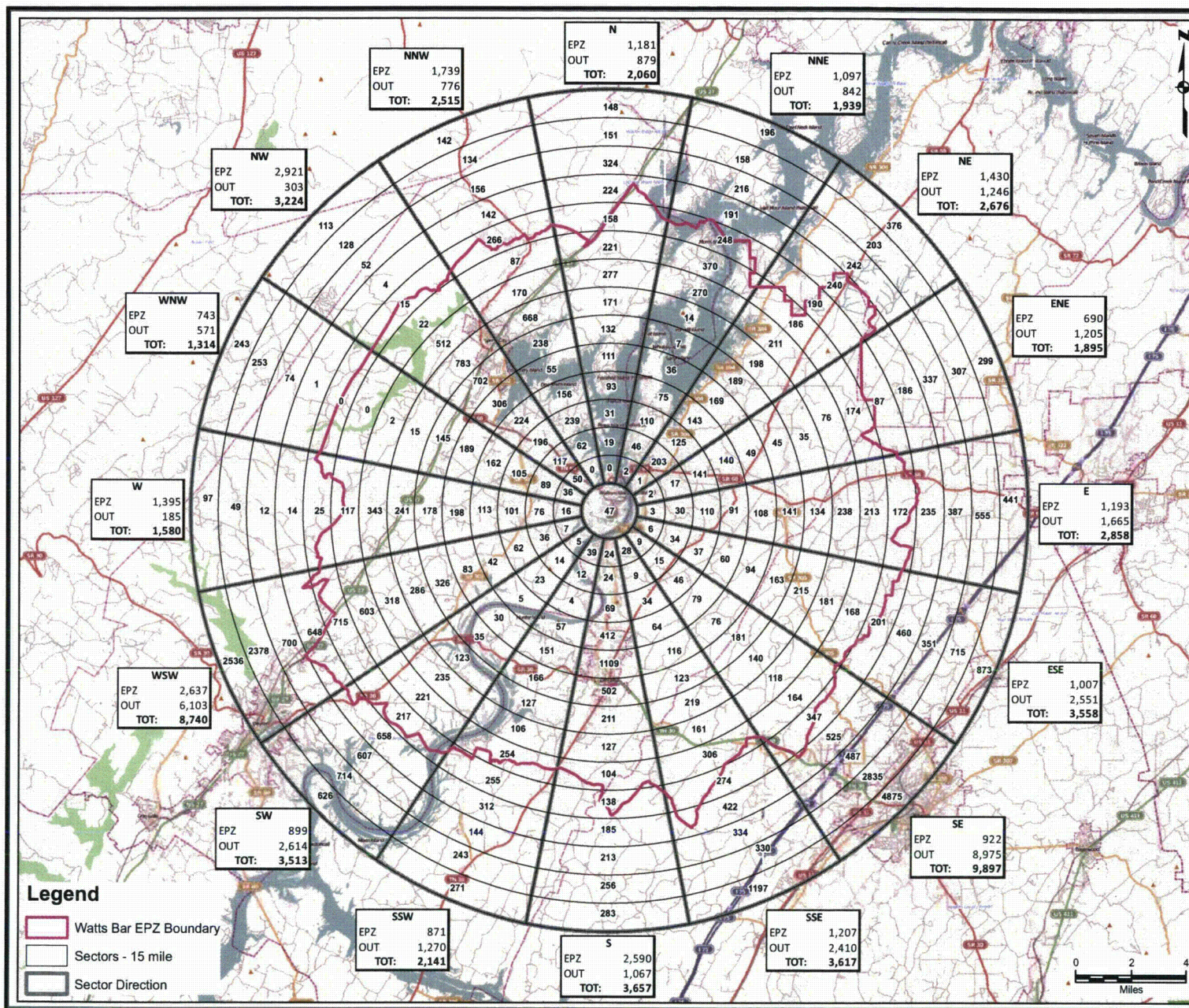
Table B-4. Nursing Homes and Other Special Facilities in Watts Bar EPZ

Facility	ERPA	Residents	Day Staff	Van	Auto
MEIGS COUNTY DETENTION CENTER	C-7	56	12	4	6
BROOKWOOD NURSING CENTER	C-7	88	32	6	22
SPRING CITY HEALTH CARE NURSING HOME	A-7	138	60	10	45
GOLDEN YEARS RETIREMENT RESORT	A-6	33	6	1	12
RHEA COUNTY MEDICAL CENTER	D-8	50	70	1	95



Appendix C

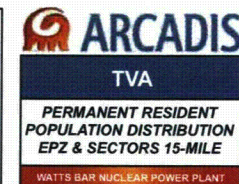
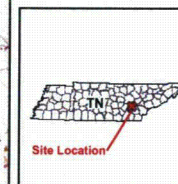
Population Data Maps

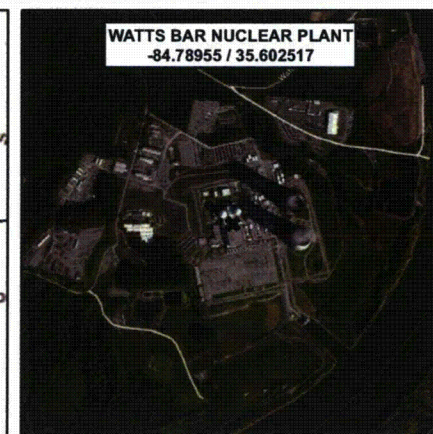
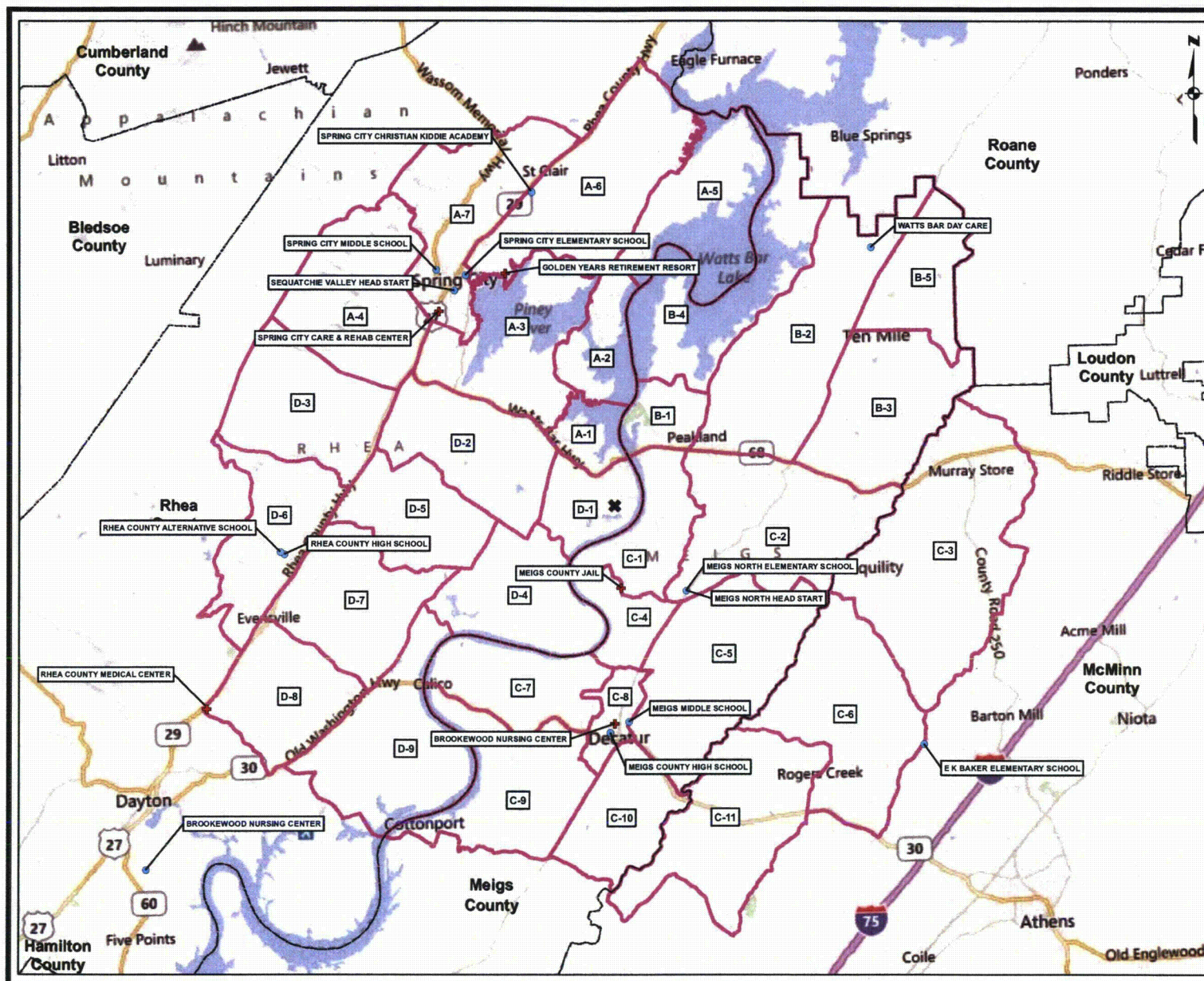


DISTANCE	POPULATION	DISTANCE	POPULATION
EPZ 1	47		NA
EPZ 2	228		NA
EPZ 3	803		NA
EPZ 4	1,433		NA
EPZ 5	1,916		NA
EPZ 6	2,880		NA
EPZ 7	3,273		NA
EPZ 8	3,580		NA
EPZ 9	3,345		NA
EPZ 10	3,041	OUT 10	169
EPZ 11	1,654	OUT 11	1,654
EPZ 12	368	OUT 12	4,079
EPZ 13	1	OUT 13	4,635
		OUT 14	9,409
		OUT 15	12,716
EPZ TOTAL:		EPZ-15 TOTAL:	32,662
TOTAL POPULATION: 55,231			

NOTE:
• Plant to 1 mile population not summarized in any sector direction.

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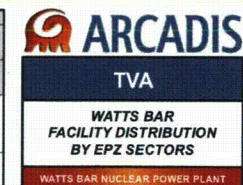
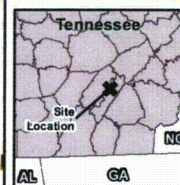


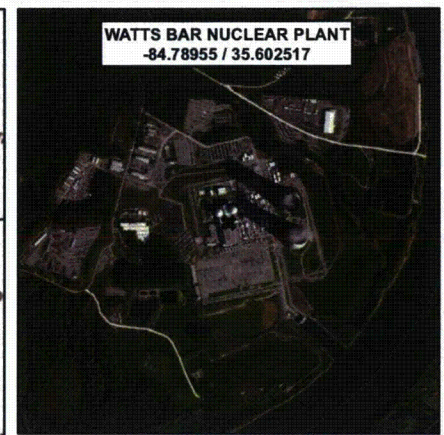
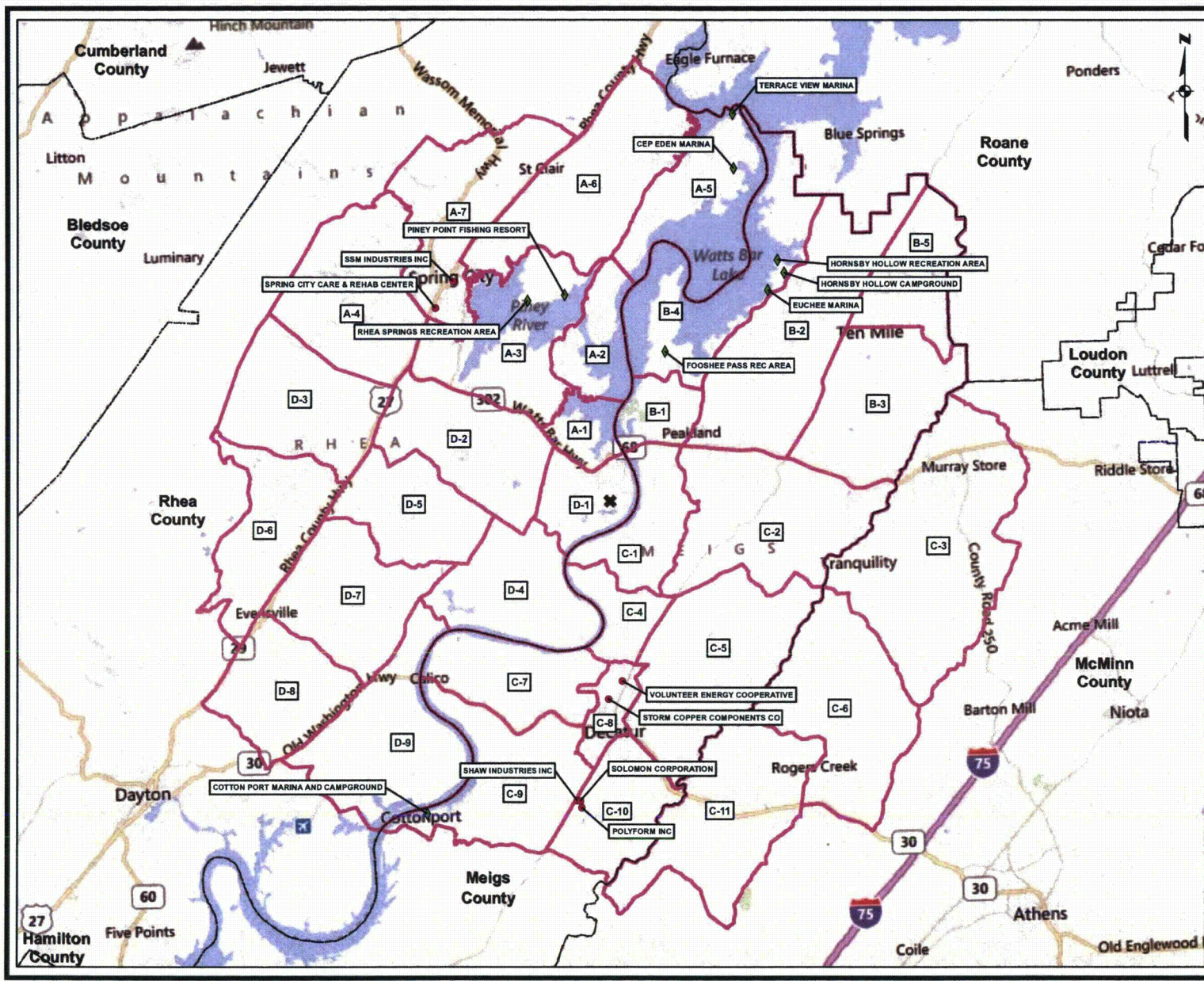


WATTS BAR NUCLEAR PLANT
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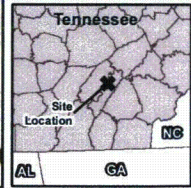
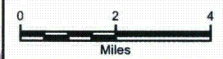
Legend

- ✱ Watts Bar Nuclear Plant
- EPZ Sector
- County Boundary
- FACILITY TYPE**
 - SCHOOL
 - ✱ HEALTH/INSTITUTION





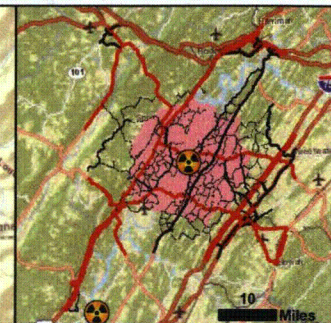
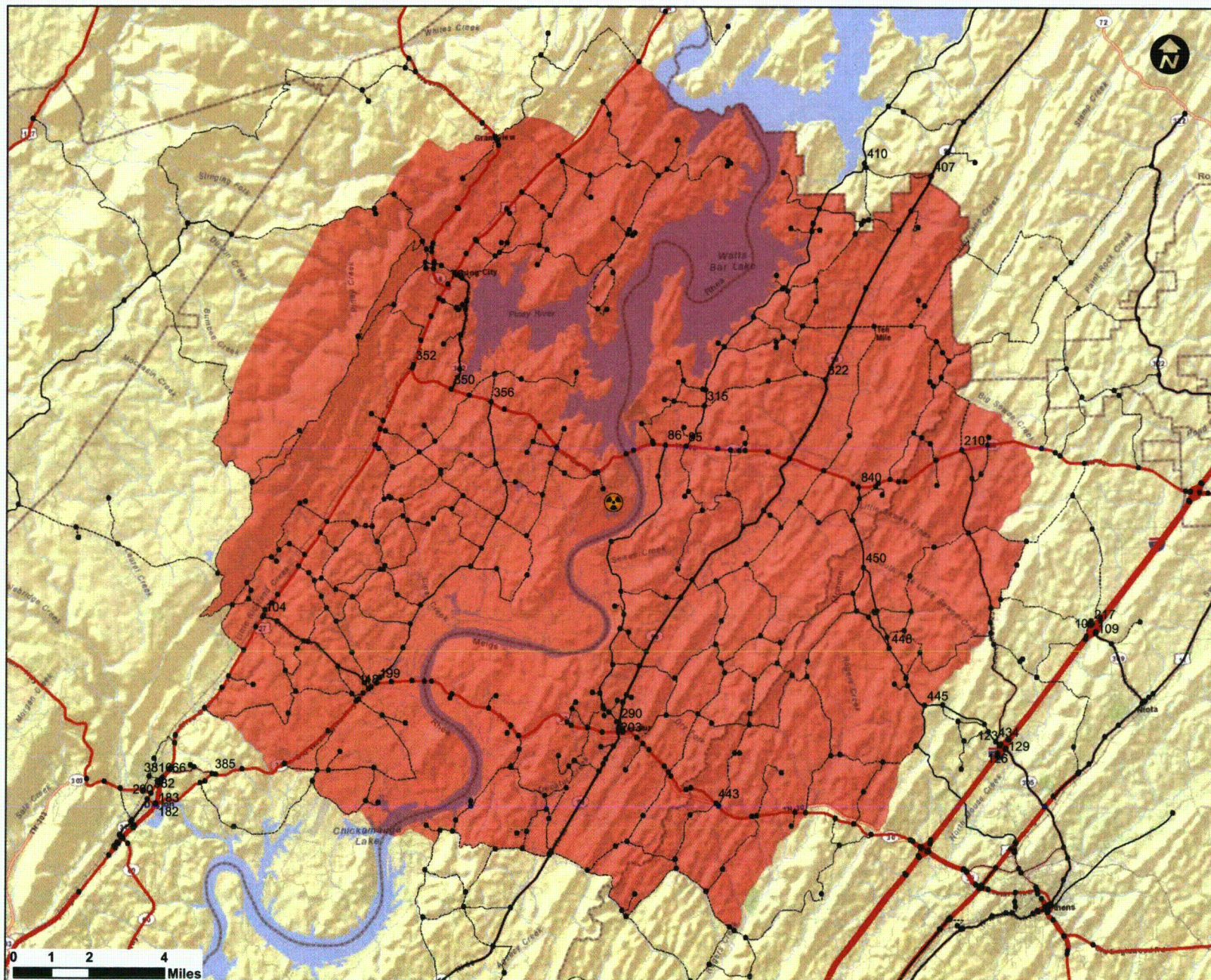
- Legend**
- ✱ Watts Bar Nuclear Plant
 - EPZ Sector
 - County Boundary
- FACILITY TYPE**
- EMPLOYMENT
 - ◆ RECREATION



ARCADIS
TVA
WATTS BAR
FACILITY DISTRIBUTION
BY EPZ SECTORS
WATTS BAR NUCLEAR POWER PLANT

Appendix D

Roadway Network Map and Data Table



Roadway Network for Watts Bar Station ETE Analysis

November 2012

Legend

- Watts Bar Station
- Nodes

Road Classification

- Freeway
- Principal Arterial
- Major Arterial
- Minor Arterial
- Collector
- Local Rd
- Watts Bar EPZ

Tennessee Valley Authority

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
1	1	2	0.037	12	2	Principal Arterial	3600	45
2	1	3	0.011	11	1	Major Arterial	1600	25
3	3	1	0.011	11	1	Major Arterial	1600	25
4	4	1	0.049	12	2	Principal Arterial	3600	45
5	5	2	0.068	10	1	Collector / Local Road	1400	40
6	1	5	0.041	11	1	Major Arterial	1600	25
7	5	1	0.041	11	1	Major Arterial	1600	25
8	4	5	0.058	10	1	Collector / Local Road	1400	40
9	6	7	0.013	12	1	Collector / Local Road	1400	45
10	8	6	0.009	12	2	Principal Arterial	3600	45
11	7	8	0.014	12	1	Collector / Local Road	1400	45
12	8	9	0.049	11	1	Ramp	2050	35
13	10	8	0.113	12	2	Principal Arterial	3600	45
14	11	10	0.078	12	2	Principal Arterial	3600	45
15	12	6	0.211	11	1	Ramp	2050	35
16	9	13	0.117	11	1	Ramp	2050	35
17	12	13	0.177	12	2	Freeway	4100	65
18	15	14	0.185	12	2	Freeway	4100	65
19	16	11	0.058	12	2	Principal Arterial	3600	45
20	16	17	0.024	12	1	Collector / Local Road	1400	45
21	18	16	0.011	12	2	Principal Arterial	3600	45
22	17	18	0.026	12	1	Collector / Local Road	1400	45
23	19	11	0.078	11	1	Ramp	2050	35
24	19	16	0.042	11	1	Ramp	2050	35
25	20	18	0.107	12	2	Principal Arterial	3600	45
26	18	21	0.068	11	1	Ramp	2050	35
27	20	21	0.144	11	1	Ramp	2050	35
28	15	19	0.194	11	1	Ramp	2050	35
29	21	14	0.268	11	1	Ramp	2050	35
30	22	23	0.043	12	1	Principal Arterial	1800	40
31	23	22	0.043	12	1	Principal Arterial	1800	40
32	24	22	0.048	12	2	Principal Arterial	3600	45
33	23	24	0.083	12	2	Principal Arterial	3600	45
34	25	26	0.088	12	2	Minor Arterial	2800	40
35	28	27	0.208	11	1	Ramp	1800	35
36	27	25	0.078	11	1	Ramp	1800	35
37	27	29	0.037	11	1	Ramp	1800	35
38	29	25	0.063	12	2	Minor Arterial	2800	40
39	29	30	0.009	10	1	Collector / Local Road	1400	40
40	31	29	0.088	12	2	Minor Arterial	2800	40
41	30	32	0.086	12	2	Minor Arterial	2800	40
42	32	31	0.014	10	1	Collector / Local Road	1400	40
43	33	34	0.227	11	1	Ramp	1800	35
44	31	33	0.03	11	1	Ramp	1800	35
45	35	33	0.053	11	1	Ramp	1800	35
46	35	31	0.038	12	2	Minor Arterial	2800	40
47	36	37	0.043	12	2	Principal Arterial	3600	50
48	36	38	0.011	12	1	Major Arterial	1600	50
49	38	36	0.011	12	1	Major Arterial	1600	50
50	39	36	0.04	12	2	Principal Arterial	3600	50
51	40	37	0.059	10	1	Collector / Local Road	1400	40
52	36	40	0.03	12	1	Major Arterial	1600	50
53	40	36	0.03	12	1	Major Arterial	1600	50
54	39	40	0.053	10	1	Collector / Local Road	1400	40
55	41	35	0.035	12	2	Minor Arterial	2800	40
56	42	41	0.065	10	1	Collector / Local Road	1400	40

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
57	42	43	0.057	12	2	Major Arterial	3200	45
58	43	41	0.047	12	2	Minor Arterial	2800	40
59	43	44	0.012	12	2	Major Arterial	3200	45
60	45	43	0.014	12	2	Minor Arterial	2800	40
61	44	45	0.011	12	1	Minor Arterial	1400	40
62	46	47	0.101	12	1	Major Arterial	1600	45
63	47	46	0.101	12	1	Major Arterial	1600	45
64	48	49	0.265	11	1	Ramp	1800	35
65	50	48	0.06	12	1	Ramp	1800	5
66	50	51	0.044	10	1	Collector / Local Road	1400	25
67	51	48	0.037	11	1	Ramp	1800	35
68	51	52	0.008	12	1	Minor Arterial	1400	40
69	53	52	0.045	11	1	Ramp	1800	35
70	54	51	0.01	10	1	Collector / Local Road	1400	40
71	52	54	0.008	10	1	Collector / Local Road	1400	40
72	55	53	0.171	11	1	Ramp	1800	35
73	55	49	0.232	12	2	Freeway	4100	65
74	53	56	0.08	11	1	Ramp	1800	35
75	58	57	0.242	12	2	Freeway	4100	65
76	59	57	0.139	11	1	Ramp	1800	35
77	60	59	0.092	11	1	Ramp	1800	35
78	61	59	0.053	11	1	Ramp	1800	35
79	61	62	0.005	12	1	Major Arterial	1600	45
80	63	61	0.008	10	1	Collector / Local Road	1400	40
81	62	63	0.008	10	1	Collector / Local Road	1400	40
82	64	65	0.011	11	1	Major Arterial	1600	35
83	65	64	0.011	11	1	Major Arterial	1600	35
84	66	67	0.079	10	1	Collector / Local Road	1400	40
85	66	68	0.046	12	1	Major Arterial	1600	50
86	68	66	0.046	12	1	Major Arterial	1600	50
87	120	122	0.04	11	1	Ramp	1800	35
88	120	123	0.037	11	1	Ramp	1800	35
89	122	123	0.03	12	1	Major Arterial	1600	55
90	123	122	0.03	12	1	Major Arterial	1600	55
91	123	124	0.034	11	1	Ramp	1800	35
92	122	124	0.042	11	1	Ramp	1800	35
93	121	125	0.467	12	2	Freeway	4100	70
94	123	126	0.152	12	1	Major Arterial	1600	55
95	126	123	0.152	12	1	Major Arterial	1600	55
96	127	128	0.235	11	1	Ramp	1800	35
97	126	127	0.027	11	1	Ramp	1800	35
98	129	127	0.03	11	1	Ramp	1800	35
99	205	206	0.244	12	2	Principal Arterial	3600	55
100	206	205	0.244	12	2	Principal Arterial	3600	55
101	232	233	0.354	12	2	Freeway	4100	60
102	67	68	0.048	12	1	Major Arterial	1600	50
103	68	67	0.048	12	1	Major Arterial	1600	50
104	68	69	0.033	12	1	Major Arterial	1600	50
105	69	68	0.033	12	1	Major Arterial	1600	50
106	67	69	0.065	10	1	Collector / Local Road	1400	40
107	70	71	0.075	10	1	Collector / Local Road	1400	35
108	72	71	0.052	12	2	Principal Arterial	3600	40
109	73	70	0.095	11	1	Major Arterial	1600	35
110	74	72	0.038	12	2	Principal Arterial	3600	40
111	75	74	0.062	12	2	Principal Arterial	3600	40
112	79	81	0.56	12	2	Freeway	4100	70
113	82	83	0.566	12	2	Freeway	4100	70

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
114	84	83	0.291	11	1	Ramp	1800	35
115	85	86	0.546	12	1	Principal Arterial	1800	55
116	86	85	0.546	12	1	Principal Arterial	1800	55
117	80	81	0.273	11	1	Ramp	1800	35
118	87	88	0.208	12	1	Principal Arterial	1800	40
119	88	87	0.208	12	1	Principal Arterial	1800	40
120	81	89	1.601	12	2	Freeway	4100	70
121	90	82	1.601	12	2	Freeway	4100	70
122	92	91	0.134	12	1	Principal Arterial	1800	55
123	92	93	0.012	12	1	Collector / Local Road	1400	45
124	91	93	0.14	12	1	Principal Arterial	1800	55
125	94	95	0.012	12	1	Collector / Local Road	1400	45
126	99	98	0.073	10	1	Collector / Local Road	1400	40
127	99	100	0.05	11	1	Major Arterial	1600	30
128	100	99	0.05	11	1	Major Arterial	1600	30
129	98	100	0.04	12	1	Principal Arterial	1800	55
130	100	98	0.04	12	1	Principal Arterial	1800	55
131	100	101	0.039	12	1	Major Arterial	1600	40
132	101	100	0.039	12	1	Major Arterial	1600	40
133	98	101	0.055	10	1	Collector / Local Road	1400	40
134	102	99	0.065	10	1	Collector / Local Road	1400	40
135	100	102	0.043	12	1	Principal Arterial	1800	45
136	102	100	0.043	12	1	Principal Arterial	1800	45
137	101	102	0.07	10	1	Collector / Local Road	1400	40
138	104	105	0.048	12	2	Principal Arterial	3600	55
139	105	104	0.048	12	2	Principal Arterial	3600	55
140	106	107	0.021	12	1	Ramp	1800	5
141	108	109	0.028	11	1	Major Arterial	1600	35
142	109	108	0.028	11	1	Major Arterial	1600	35
143	108	110	0.032	11	1	Ramp	1800	35
144	112	111	0.347	11	1	Ramp	1800	35
145	113	114	0.314	11	1	Ramp	1800	35
146	115	116	0.201	12	1	Principal Arterial	1800	55
147	116	115	0.201	12	1	Principal Arterial	1800	55
148	116	117	0.336	12	1	Principal Arterial	1800	55
149	117	116	0.336	12	1	Principal Arterial	1800	55
150	118	119	0.075	12	1	Principal Arterial	1800	40
151	119	118	0.075	12	1	Principal Arterial	1800	40
152	121	120	0.235	11	1	Ramp	1800	35
153	126	129	0.03	12	1	Major Arterial	1600	55
154	129	126	0.03	12	1	Major Arterial	1600	55
155	130	129	0.024	11	1	Ramp	1800	35
156	130	126	0.027	11	1	Ramp	1800	35
157	124	125	0.192	11	1	Ramp	1800	35
158	131	130	0.275	11	1	Ramp	1800	35
159	132	133	0.06	11	1	Principal Arterial	1800	30
160	134	135	0.012	11	1	Principal Arterial	1800	30
161	135	134	0.012	11	1	Principal Arterial	1800	30
162	132	136	0.076	12	2	Principal Arterial	3600	45
163	134	136	0.072	12	1	Collector / Local Road	1400	45
164	137	138	0.008	12	1	Major Arterial	1600	50
165	138	137	0.008	12	1	Major Arterial	1600	50
166	139	140	0.076	12	2	Principal Arterial	3600	55
167	140	139	0.076	12	2	Principal Arterial	3600	55
168	141	142	0.014	12	1	Major Arterial	1600	45
169	142	141	0.014	12	1	Major Arterial	1600	45
170	144	143	0.313	11	1	Ramp	2050	35

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
171	143	145	0.014	12	1	Collector / Local Road	1400	45
172	146	145	0.032	12	2	Principal Arterial	3600	50
173	147	148	0.012	12	2	Principal Arterial	3600	50
174	150	149	0.016	12	2	Principal Arterial	3600	50
175	151	152	0.444	12	2	Freeway	4100	70
176	148	153	0.02	11	1	Ramp	2050	35
177	149	147	0.013	12	1	Collector / Local Road	1400	45
178	155	154	0.194	11	1	Ramp	2050	35
179	151	149	0.255	11	1	Ramp	2050	35
180	157	156	0.062	12	1	Minor Arterial	1400	40
181	158	159	0.06	12	1	Minor Arterial	1400	40
182	161	160	0.035	12	1	Minor Arterial	1400	40
183	162	163	0.051	12	1	Minor Arterial	1400	40
184	164	165	0.156	12	1	Principal Arterial	1800	45
185	165	164	0.156	12	2	Principal Arterial	3600	45
186	166	167	0.009	12	1	Principal Arterial	1800	45
187	167	166	0.009	12	1	Principal Arterial	1800	45
188	169	168	0.029	11	1	Ramp	1800	35
189	168	170	0.019	12	1	Minor Arterial	1400	45
190	170	168	0.019	12	1	Minor Arterial	1400	45
191	172	171	0.255	11	1	Ramp	1800	35
192	173	174	0.011	12	1	Major Arterial	1600	45
193	174	173	0.011	12	1	Major Arterial	1600	45
194	175	176	0.048	12	2	Principal Arterial	3600	40
195	176	175	0.048	12	2	Principal Arterial	3600	40
196	175	177	0.039	12	1	Principal Arterial	1800	40
197	176	177	0.062	12	1	Collector / Local Road	1400	45
198	175	178	0.01	12	2	Principal Arterial	3600	40
199	178	175	0.01	12	2	Principal Arterial	3600	40
200	179	178	0.038	12	1	Principal Arterial	1800	40
201	178	180	0.045	12	1	Principal Arterial	1800	45
202	180	178	0.045	12	1	Principal Arterial	1800	45
203	179	180	0.061	12	1	Collector / Local Road	1400	45
204	150	148	0.014	12	1	Collector / Local Road	1400	45
205	238	239	1.054	12	2	Principal Arterial	3600	55
206	242	243	0.01	10	1	Collector / Local Road	1400	40
207	243	242	0.01	10	1	Collector / Local Road	1400	40
208	243	244	0.144	11	1	Ramp	1800	35
209	181	182	0.027	12	2	Principal Arterial	3600	45
210	182	183	0.011	12	1	Principal Arterial	1800	45
211	183	182	0.011	12	1	Principal Arterial	1800	45
212	184	185	0.034	10	1	Collector / Local Road	1400	25
213	184	186	0.027	12	2	Principal Arterial	3600	45
214	185	186	0.024	10	2	Collector / Local Road	2800	35
215	186	185	0.024	10	2	Collector / Local Road	2800	35
216	187	188	0.023	12	2	Principal Arterial	3600	45
217	186	187	0.011	10	2	Collector / Local Road	2800	35
218	187	186	0.011	10	2	Collector / Local Road	2800	35
219	186	189	0.029	12	2	Principal Arterial	3600	45
220	185	189	0.041	10	1	Collector / Local Road	1400	25
221	190	187	0.032	12	2	Principal Arterial	3600	45
222	192	193	0.065	12	1	Major Arterial	1700	50
223	195	194	0.075	12	1	Collector / Local Road	1400	45
224	197	198	0.239	12	2	Principal Arterial	3600	55
225	198	197	0.239	12	2	Principal Arterial	3600	55
226	119	199	0.187	12	1	Principal Arterial	1800	40
227	199	119	0.187	12	1	Principal Arterial	1800	40

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
228	208	209	0.125	11	1	Minor Arterial	1400	35
229	209	208	0.125	11	1	Minor Arterial	1400	35
230	212	169	0.311	11	1	Ramp	1800	35
231	170	213	0.01	12	1	Minor Arterial	1400	45
232	213	170	0.01	12	1	Minor Arterial	1400	45
233	169	213	0.019	12	1	Ramp	1800	5
234	168	172	0.022	11	1	Ramp	1800	35
235	170	172	0.03	12	1	Ramp	1800	5
236	168	214	0.219	12	1	Major Arterial	1600	45
237	214	168	0.219	12	1	Major Arterial	1600	45
238	215	147	0.019	12	2	Principal Arterial	3600	50
239	153	152	0.194	11	1	Ramp	2050	35
240	215	153	0.03	11	1	Ramp	2050	35
241	145	155	0.037	11	1	Ramp	2050	35
242	146	155	0.044	11	1	Ramp	2050	35
243	216	106	0.276	11	1	Ramp	1800	35
244	107	217	0.035	11	1	Minor Arterial	1400	35
245	217	107	0.035	11	1	Minor Arterial	1400	35
246	106	217	0.025	11	1	Ramp	1800	35
247	107	112	0.039	12	1	Ramp	1800	5
248	217	112	0.03	11	1	Ramp	1800	35
249	114	108	0.021	11	1	Ramp	1800	35
250	109	217	0.231	11	1	Major Arterial	1600	35
251	217	109	0.231	11	1	Major Arterial	1600	35
252	114	109	0.029	11	1	Ramp	1800	35
253	110	218	0.318	11	1	Ramp	1800	35
254	109	110	0.025	11	1	Ramp	1800	35
255	219	220	0.278	11	1	Ramp	1800	35
256	214	221	0.029	12	1	Major Arterial	1600	45
257	221	214	0.029	12	1	Major Arterial	1600	45
258	220	221	0.026	11	1	Ramp	1800	35
259	220	214	0.021	11	1	Ramp	1800	35
260	221	222	0.023	11	1	Ramp	1800	35
261	214	222	0.031	11	1	Ramp	1800	35
262	222	223	0.284	11	1	Ramp	1800	35
263	83	230	3.422	12	2	Freeway	4100	70
264	107	231	0.06	11	1	Minor Arterial	1400	35
265	231	107	0.06	11	1	Minor Arterial	1400	35
266	246	242	0.208	11	1	Ramp	1800	35
267	247	248	0.01	10	1	Collector / Local Road	1400	40
268	248	247	0.01	10	1	Collector / Local Road	1400	40
269	245	233	0.302	12	2	Ramp	3000	60
270	234	248	0.203	11	1	Ramp	1800	35
271	247	249	0.256	11	1	Ramp	1800	35
272	232	250	0.288	12	2	Ramp	3000	60
273	253	252	0.235	11	1	Ramp	1800	35
274	254	255	0.24	11	1	Ramp	1800	35
275	252	256	0.269	11	1	Ramp	1800	35
276	258	254	0.258	11	1	Ramp	1800	35
277	261	260	0.247	12	1	Ramp	1800	45
278	260	262	0.011	12	1	Minor Arterial	1400	45
279	262	260	0.011	12	1	Minor Arterial	1400	45
280	262	263	0.181	12	1	Ramp	1800	45
281	264	265	0.556	10	1	Collector / Local Road	1400	40
282	265	264	0.556	10	1	Collector / Local Road	1400	40
283	267	266	0.239	11	1	Ramp	1800	35
284	268	269	0.364	12	1	Ramp	1800	45

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
285	266	268	0.015	12	1	Minor Arterial	1400	45
286	268	266	0.015	12	1	Minor Arterial	1400	45
287	270	272	0.154	10	1	Collector / Local Road	1400	25
288	272	270	0.154	10	1	Collector / Local Road	1400	25
289	262	266	0.277	12	1	Minor Arterial	1400	45
290	266	262	0.277	12	1	Minor Arterial	1400	45
291	256	261	1.826	12	2	Freeway	4100	65
292	252	254	0.192	12	1	Major Arterial	1600	45
293	254	252	0.192	12	1	Major Arterial	1600	45
294	258	255	0.466	12	2	Freeway	4100	65
295	251	252	0.15	12	1	Collector / Local Road	1400	45
296	252	251	0.15	12	1	Collector / Local Road	1400	45
297	259	260	0.265	12	1	Minor Arterial	1400	45
298	260	259	0.265	12	1	Minor Arterial	1400	45
299	307	308	0.636	12	1	Minor Arterial	1400	45
300	308	307	0.636	12	1	Minor Arterial	1400	45
301	196	345	0.073	12	1	Major Arterial	1600	45
302	345	196	0.073	12	1	Major Arterial	1600	45
303	277	267	1.356	12	2	Freeway	4100	65
304	273	250	0.757	12	2	Ramp	3000	60
305	245	274	0.352	12	2	Principal Arterial	3600	60
306	243	248	0.157	10	1	Collector / Local Road	1400	40
307	248	243	0.157	10	1	Collector / Local Road	1400	40
308	274	253	1.331	12	2	Freeway	4100	65
309	275	232	0.048	12	2	Freeway	4100	60
310	240	241	0.015	10	1	Collector / Local Road	1400	40
311	241	240	0.015	10	1	Collector / Local Road	1400	40
312	278	279	1.057	12	2	Principal Arterial	3600	55
313	285	286	0.152	11	1	Major Arterial	1600	35
314	286	285	0.152	11	1	Major Arterial	1600	35
315	203	288	0.057	11	1	Major Arterial	1600	35
316	288	203	0.057	11	1	Major Arterial	1600	35
317	288	289	0.057	11	1	Major Arterial	1600	35
318	289	288	0.057	11	1	Major Arterial	1600	35
319	290	291	0.069	12	1	Minor Arterial	1400	45
320	291	290	0.069	12	1	Minor Arterial	1400	45
321	296	297	0.428	11	2	Principal Arterial	3600	35
322	297	296	0.428	11	2	Principal Arterial	3600	35
323	298	299	0.217	12	2	Principal Arterial	3600	45
324	299	298	0.217	12	2	Principal Arterial	3600	45
325	296	299	0.229	12	2	Principal Arterial	3600	45
326	299	296	0.229	12	2	Principal Arterial	3600	45
327	300	301	0.137	12	1	Principal Arterial	1800	55
328	301	300	0.137	12	1	Principal Arterial	1800	55
329	302	303	0.091	12	1	Minor Arterial	1400	45
330	303	302	0.091	12	1	Minor Arterial	1400	45
331	310	312	0.168	12	1	Principal Arterial	1800	55
332	312	310	0.168	12	1	Principal Arterial	1800	55
333	312	313	0.217	12	1	Principal Arterial	1800	55
334	313	312	0.217	12	1	Principal Arterial	1800	55
335	313	314	0.338	12	1	Principal Arterial	1800	55
336	314	313	0.338	12	1	Principal Arterial	1800	55
337	85	202	0.311	12	1	Minor Arterial	1400	45
338	202	85	0.311	12	1	Minor Arterial	1400	45
339	315	316	0.424	12	1	Minor Arterial	1400	45
340	316	315	0.424	12	1	Minor Arterial	1400	45
341	323	324	1.107	12	1	Major Arterial	1600	55

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
342	324	323	1.107	12	1	Major Arterial	1600	55
343	336	337	0.09	12	1	Principal Arterial	1800	45
344	337	336	0.09	12	1	Principal Arterial	1800	45
345	338	339	0.117	12	1	Principal Arterial	1800	40
346	339	338	0.117	12	1	Principal Arterial	1800	40
347	341	342	0.045	12	1	Principal Arterial	1800	40
348	342	341	0.045	12	1	Principal Arterial	1800	40
349	351	352	0.085	12	1	Principal Arterial	1800	55
350	352	351	0.085	12	1	Principal Arterial	1800	55
351	350	355	0.496	12	1	Principal Arterial	1800	40
352	355	350	0.496	12	1	Principal Arterial	1800	40
353	357	358	0.543	12	1	Minor Arterial	1400	55
354	358	357	0.543	12	1	Minor Arterial	1400	55
355	359	360	0.567	12	1	Minor Arterial	1400	55
356	360	359	0.567	12	1	Minor Arterial	1400	55
357	199	362	0.17	12	1	Minor Arterial	1400	40
358	362	199	0.17	12	1	Minor Arterial	1400	40
359	363	364	0.576	12	1	Minor Arterial	1400	55
360	364	363	0.576	12	1	Minor Arterial	1400	55
361	362	365	1.006	12	1	Minor Arterial	1400	55
362	365	362	1.006	12	1	Minor Arterial	1400	55
363	367	368	0.121	12	1	Minor Arterial	1400	45
364	368	367	0.121	12	1	Minor Arterial	1400	45
365	197	370	0.438	12	2	Principal Arterial	3600	55
366	370	197	0.438	12	2	Principal Arterial	3600	55
367	105	374	0.389	12	2	Principal Arterial	3600	55
368	374	105	0.389	12	2	Principal Arterial	3600	55
369	104	375	0.317	12	2	Principal Arterial	3600	55
370	375	104	0.317	12	2	Principal Arterial	3600	55
371	381	380	0.036	12	2	Principal Arterial	3600	45
372	383	384	0.133	12	1	Principal Arterial	1800	45
373	384	383	0.133	12	1	Principal Arterial	1800	45
374	384	385	0.283	12	1	Principal Arterial	1800	45
375	385	384	0.283	12	1	Principal Arterial	1800	45
376	386	387	1.07	12	1	Principal Arterial	1800	55
377	387	386	1.07	12	1	Principal Arterial	1800	55
378	387	388	0.081	12	1	Principal Arterial	1800	40
379	388	387	0.081	12	1	Principal Arterial	1800	40
380	388	389	0.198	12	1	Principal Arterial	1800	40
381	389	388	0.198	12	1	Principal Arterial	1800	40
382	118	389	0.186	12	1	Principal Arterial	1800	40
383	389	118	0.186	12	1	Principal Arterial	1800	40
384	390	391	0.057	11	1	Major Arterial	1600	30
385	391	390	0.057	11	1	Major Arterial	1600	30
386	405	406	0.915	12	1	Major Arterial	1600	55
387	406	405	0.915	12	1	Major Arterial	1600	55
388	427	428	0.145	12	1	Principal Arterial	1800	55
389	428	427	0.145	12	1	Principal Arterial	1800	55
390	415	420	0.129	11	1	Major Arterial	1600	30
391	420	415	0.129	11	1	Major Arterial	1600	30
392	430	431	0.376	12	1	Minor Arterial	1400	40
393	431	430	0.376	12	1	Minor Arterial	1400	40
394	430	432	0.3	12	1	Minor Arterial	1400	40
395	432	430	0.3	12	1	Minor Arterial	1400	40
396	432	433	0.327	12	1	Minor Arterial	1400	40
397	433	432	0.327	12	1	Minor Arterial	1400	40
398	128	113	3.349	12	2	Freeway	4100	70

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
399	435	436	1.902	12	2	Principal Arterial	3600	55
400	436	435	1.902	12	2	Principal Arterial	3600	55
401	438	439	0.291	12	2	Principal Arterial	3600	55
402	439	438	0.291	12	2	Principal Arterial	3600	55
403	440	441	0.131	12	2	Principal Arterial	3600	55
404	441	440	0.131	12	2	Principal Arterial	3600	55
405	442	443	0.094	12	2	Principal Arterial	3600	55
406	443	442	0.094	12	2	Principal Arterial	3600	55
407	443	444	0.807	12	2	Principal Arterial	3600	55
408	444	443	0.807	12	2	Principal Arterial	3600	55
409	445	446	0.701	12	1	Minor Arterial	1400	55
410	446	445	0.701	12	1	Minor Arterial	1400	55
411	447	448	0.923	12	1	Minor Arterial	1400	55
412	448	447	0.923	12	1	Minor Arterial	1400	55
413	446	447	0.224	12	1	Minor Arterial	1400	55
414	447	446	0.224	12	1	Minor Arterial	1400	55
415	449	451	0.362	12	1	Minor Arterial	1400	55
416	451	449	0.362	12	1	Minor Arterial	1400	55
417	457	458	0.06	12	1	Major Arterial	1600	55
418	458	456	0.056	12	1	Major Arterial	1600	55
419	156	462	0.102	11	2	Principal Arterial	3600	35
420	463	464	0.108	12	2	Principal Arterial	3600	45
421	465	161	0.115	11	2	Principal Arterial	3600	35
422	467	466	0.335	12	2	Principal Arterial	3600	45
423	477	476	0.06	11	1	Major Arterial	1600	30
424	165	477	0.075	11	1	Major Arterial	1600	30
425	476	478	0.043	11	1	Major Arterial	1600	30
426	480	481	0.161	11	1	Major Arterial	1600	30
427	481	480	0.161	11	1	Major Arterial	1600	30
428	485	486	0.043	12	1	Major Arterial	1600	45
429	487	164	0.233	12	1	Major Arterial	1600	45
430	486	487	0.06	12	1	Major Arterial	1600	45
431	488	489	0.055	11	2	Principal Arterial	3600	30
432	341	540	0.24	10	1	Collector / Local Road	1400	25
433	540	341	0.24	10	1	Collector / Local Road	1400	25
434	508	509	0.337	10	1	Collector / Local Road	1400	25
435	509	508	0.337	10	1	Collector / Local Road	1400	25
436	600	601	0.431	10	1	Collector / Local Road	1400	25
437	601	600	0.431	10	1	Collector / Local Road	1400	25
438	512	513	0.185	10	1	Collector / Local Road	1400	25
439	513	512	0.185	10	1	Collector / Local Road	1400	25
440	514	515	0.209	10	1	Collector / Local Road	1400	25
441	515	514	0.209	10	1	Collector / Local Road	1400	25
442	516	517	0.275	10	1	Collector / Local Road	1400	25
443	517	516	0.275	10	1	Collector / Local Road	1400	25
444	523	524	0.674	10	1	Collector / Local Road	1400	25
445	524	523	0.674	10	1	Collector / Local Road	1400	25
446	535	536	0.872	10	1	Collector / Local Road	1400	25
447	536	535	0.872	10	1	Collector / Local Road	1400	25
448	410	518	0.127	10	1	Collector / Local Road	1400	30
449	518	410	0.127	10	1	Collector / Local Road	1400	30
450	519	520	0.154	10	1	Collector / Local Road	1400	25
451	520	519	0.154	10	1	Collector / Local Road	1400	25
452	521	522	0.042	10	1	Collector / Local Road	1400	25
453	522	521	0.042	10	1	Collector / Local Road	1400	25
454	527	528	0.048	10	1	Collector / Local Road	1400	25
455	528	527	0.048	10	1	Collector / Local Road	1400	25

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
456	529	530	0.188	10	1	Collector / Local Road	1400	25
457	530	529	0.188	10	1	Collector / Local Road	1400	25
458	533	534	0.153	10	1	Collector / Local Road	1400	25
459	534	533	0.153	10	1	Collector / Local Road	1400	25
460	529	538	0.324	10	1	Collector / Local Road	1400	25
461	538	529	0.324	10	1	Collector / Local Road	1400	25
462	538	539	0.145	10	1	Collector / Local Road	1400	25
463	539	538	0.145	10	1	Collector / Local Road	1400	25
464	544	545	0.512	10	1	Collector / Local Road	1400	25
465	545	544	0.512	10	1	Collector / Local Road	1400	25
466	546	547	0.119	10	1	Collector / Local Road	1400	25
467	547	546	0.119	10	1	Collector / Local Road	1400	25
468	547	549	0.571	10	1	Collector / Local Road	1400	25
469	549	547	0.571	10	1	Collector / Local Road	1400	25
470	551	553	0.171	10	1	Collector / Local Road	1400	25
471	553	551	0.171	10	1	Collector / Local Road	1400	25
472	552	553	0.063	10	1	Collector / Local Road	1400	25
473	553	552	0.063	10	1	Collector / Local Road	1400	25
474	554	555	0.163	10	1	Collector / Local Road	1400	25
475	555	554	0.163	10	1	Collector / Local Road	1400	25
476	557	558	0.314	10	1	Collector / Local Road	1400	25
477	558	557	0.314	10	1	Collector / Local Road	1400	25
478	559	563	1.275	10	1	Collector / Local Road	1400	25
479	563	559	1.275	10	1	Collector / Local Road	1400	25
480	565	566	0.349	10	1	Collector / Local Road	1400	25
481	566	565	0.349	10	1	Collector / Local Road	1400	25
482	572	575	0.6	10	1	Collector / Local Road	1400	25
483	575	572	0.6	10	1	Collector / Local Road	1400	25
484	575	576	0.278	10	1	Collector / Local Road	1400	25
485	576	575	0.278	10	1	Collector / Local Road	1400	25
486	577	578	0.314	10	1	Collector / Local Road	1400	25
487	578	577	0.314	10	1	Collector / Local Road	1400	25
488	197	579	0.146	10	1	Collector / Local Road	1400	25
489	579	197	0.146	10	1	Collector / Local Road	1400	25
490	582	583	0.014	10	1	Collector / Local Road	1400	25
491	583	582	0.014	10	1	Collector / Local Road	1400	25
492	580	584	0.549	10	1	Collector / Local Road	1400	25
493	584	580	0.549	10	1	Collector / Local Road	1400	25
494	584	585	0.065	10	1	Collector / Local Road	1400	25
495	585	584	0.065	10	1	Collector / Local Road	1400	25
496	588	590	0.259	10	1	Collector / Local Road	1400	25
497	590	588	0.259	10	1	Collector / Local Road	1400	25
498	310	587	0.196	10	1	Collector / Local Road	1400	25
499	587	310	0.196	10	1	Collector / Local Road	1400	25
500	589	592	0.085	10	1	Collector / Local Road	1400	25
501	592	589	0.085	10	1	Collector / Local Road	1400	25
502	594	595	0.231	10	1	Collector / Local Road	1400	25
503	595	594	0.231	10	1	Collector / Local Road	1400	25
504	373	607	0.327	10	1	Collector / Local Road	1400	25
505	607	373	0.327	10	1	Collector / Local Road	1400	25
506	608	609	0.081	10	1	Collector / Local Road	1400	25
507	609	608	0.081	10	1	Collector / Local Road	1400	25
508	374	621	0.254	10	1	Collector / Local Road	1400	25
509	621	374	0.254	10	1	Collector / Local Road	1400	25
510	368	623	0.293	10	1	Collector / Local Road	1400	25
511	623	368	0.293	10	1	Collector / Local Road	1400	25
512	630	640	0.571	10	1	Collector / Local Road	1400	25

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
513	640	630	0.571	10	1	Collector / Local Road	1400	25
514	630	631	0.597	10	1	Collector / Local Road	1400	25
515	631	630	0.597	10	1	Collector / Local Road	1400	25
516	231	633	0.107	10	1	Collector / Local Road	1400	25
517	633	231	0.107	10	1	Collector / Local Road	1400	25
518	450	624	1.264	11	1	Minor Arterial	1400	35
519	624	450	1.264	11	1	Minor Arterial	1400	35
520	625	626	0.038	11	1	Minor Arterial	1400	35
521	626	625	0.038	11	1	Minor Arterial	1400	35
522	366	635	0.126	10	1	Collector / Local Road	1400	25
523	635	366	0.126	10	1	Collector / Local Road	1400	25
524	448	632	0.322	11	1	Minor Arterial	1400	35
525	632	448	0.322	11	1	Minor Arterial	1400	35
526	641	642	0.823	12	1	Collector / Local Road	1400	45
527	642	641	0.823	12	1	Collector / Local Road	1400	45
528	389	641	0.304	10	1	Collector / Local Road	1400	35
529	641	389	0.304	10	1	Collector / Local Road	1400	35
530	297	655	0.053	10	1	Collector / Local Road	1400	25
531	655	297	0.053	10	1	Collector / Local Road	1400	25
532	657	658	0.309	10	1	Collector / Local Road	1400	25
533	658	657	0.309	10	1	Collector / Local Road	1400	25
534	657	659	0.018	10	1	Collector / Local Road	1400	25
535	659	657	0.018	10	1	Collector / Local Road	1400	25
536	660	661	0.182	10	1	Collector / Local Road	1400	25
537	661	660	0.182	10	1	Collector / Local Road	1400	25
538	669	670	0.316	10	1	Collector / Local Road	1400	25
539	670	669	0.316	10	1	Collector / Local Road	1400	25
540	667	668	0.596	10	1	Collector / Local Road	1400	25
541	668	667	0.596	10	1	Collector / Local Road	1400	25
542	667	669	0.304	10	1	Collector / Local Road	1400	25
543	669	667	0.304	10	1	Collector / Local Road	1400	25
544	673	674	0.211	10	1	Collector / Local Road	1400	25
545	674	673	0.211	10	1	Collector / Local Road	1400	25
546	477	487	0.046	10	1	Collector / Local Road	1400	25
547	681	683	0.297	10	1	Collector / Local Road	1400	25
548	683	681	0.297	10	1	Collector / Local Road	1400	25
549	686	687	0.726	10	1	Collector / Local Road	1400	25
550	687	686	0.726	10	1	Collector / Local Road	1400	25
551	437	689	2.938	10	1	Collector / Local Road	1400	25
552	689	437	2.938	10	1	Collector / Local Road	1400	25
553	691	692	0.252	12	1	Collector / Local Road	1400	45
554	692	691	0.252	12	1	Collector / Local Road	1400	45
555	460	461	0.011	10	1	Collector / Local Road	1400	25
556	461	460	0.011	10	1	Collector / Local Road	1400	25
557	693	694	0.072	10	1	Collector / Local Road	1400	35
558	694	693	0.072	10	1	Collector / Local Road	1400	35
559	695	696	0.414	10	1	Collector / Local Road	1400	25
560	696	695	0.414	10	1	Collector / Local Road	1400	25
561	473	701	0.092	10	1	Collector / Local Road	1400	30
562	701	473	0.092	10	1	Collector / Local Road	1400	30
563	488	707	0.035	10	1	Collector / Local Road	1400	25
564	486	476	0.045	10	1	Collector / Local Road	1400	25
565	478	485	0.045	10	2	Collector / Local Road	2800	35
566	707	486	0.058	10	1	Collector / Local Road	1400	25
567	485	708	0.06	10	1	Collector / Local Road	1400	30
568	715	716	0.68	10	1	Collector / Local Road	1400	25
569	716	715	0.68	10	1	Collector / Local Road	1400	25

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
570	425	719	0.708	10	1	Collector / Local Road	1400	25
571	719	425	0.708	10	1	Collector / Local Road	1400	25
572	624	626	0.07	10	1	Collector / Local Road	1400	25
573	626	624	0.07	10	1	Collector / Local Road	1400	25
574	456	457	0.013	10	1	Collector / Local Road	1400	25
575	457	456	0.013	10	1	Collector / Local Road	1400	25
576	463	466	0.047	10	1	Collector / Local Road	1400	35
577	466	463	0.047	10	1	Collector / Local Road	1400	35
578	722	723	0.011	10	1	Collector / Local Road	1400	35
579	723	722	0.011	10	1	Collector / Local Road	1400	35
580	381	666	0.014	10	1	Collector / Local Road	1400	25
581	666	381	0.014	10	1	Collector / Local Road	1400	25
582	721	760	0.525	10	1	Collector / Local Road	1400	25
583	760	721	0.525	10	1	Collector / Local Road	1400	25
584	611	766	1.068	10	1	Collector / Local Road	1400	25
585	766	611	1.068	10	1	Collector / Local Road	1400	25
586	358	786	0.805	10	1	Collector / Local Road	1400	25
587	786	358	0.805	10	1	Collector / Local Road	1400	25
588	654	671	0.653	10	1	Collector / Local Road	1400	35
589	671	654	0.653	10	1	Collector / Local Road	1400	35
590	605	774	0.845	10	1	Collector / Local Road	1400	25
591	774	605	0.845	10	1	Collector / Local Road	1400	25
592	596	597	0.478	10	1	Collector / Local Road	1400	25
593	597	596	0.478	10	1	Collector / Local Road	1400	25
594	737	738	0.404	10	1	Collector / Local Road	1400	25
595	738	737	0.404	10	1	Collector / Local Road	1400	25
596	604	771	0.3	10	1	Collector / Local Road	1400	25
597	771	604	0.3	10	1	Collector / Local Road	1400	25
598	715	728	0.302	10	1	Collector / Local Road	1400	25
599	728	715	0.302	10	1	Collector / Local Road	1400	25
600	714	716	1.204	10	1	Collector / Local Road	1400	25
601	716	714	1.204	10	1	Collector / Local Road	1400	25
602	706	710	0.154	12	1	Collector / Local Road	1400	45
603	710	706	0.154	12	1	Collector / Local Road	1400	45
604	730	731	0.615	10	1	Collector / Local Road	1400	25
605	731	730	0.615	10	1	Collector / Local Road	1400	25
606	461	693	0.102	10	1	Collector / Local Road	1400	25
607	693	461	0.102	10	1	Collector / Local Road	1400	25
608	690	733	0.99	10	1	Collector / Local Road	1400	25
609	733	690	0.99	10	1	Collector / Local Road	1400	25
610	688	696	1.497	10	1	Collector / Local Road	1400	25
611	696	688	1.497	10	1	Collector / Local Road	1400	25
612	733	735	0.349	10	1	Collector / Local Road	1400	25
613	735	733	0.349	10	1	Collector / Local Road	1400	25
614	436	682	0.967	10	1	Collector / Local Road	1400	25
615	682	436	0.967	10	1	Collector / Local Road	1400	25
616	679	739	0.935	10	1	Collector / Local Road	1400	25
617	739	679	0.935	10	1	Collector / Local Road	1400	25
618	736	740	1.767	10	1	Collector / Local Road	1400	25
619	740	736	1.767	10	1	Collector / Local Road	1400	25
620	674	743	0.759	10	1	Collector / Local Road	1400	25
621	743	674	0.759	10	1	Collector / Local Road	1400	25
622	667	739	1.2	10	1	Collector / Local Road	1400	25
623	739	667	1.2	10	1	Collector / Local Road	1400	25
624	640	754	0.838	10	1	Collector / Local Road	1400	25
625	754	640	0.838	10	1	Collector / Local Road	1400	25
626	639	757	0.285	10	1	Collector / Local Road	1400	25

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
627	757	639	0.285	10	1	Collector / Local Road	1400	25
628	639	756	0.582	10	1	Collector / Local Road	1400	25
629	756	639	0.582	10	1	Collector / Local Road	1400	25
630	746	747	0.376	10	1	Collector / Local Road	1400	25
631	747	746	0.376	10	1	Collector / Local Road	1400	25
632	662	750	1.059	10	1	Collector / Local Road	1400	25
633	750	662	1.059	10	1	Collector / Local Road	1400	25
634	301	751	0.386	10	1	Collector / Local Road	1400	25
635	751	301	0.386	10	1	Collector / Local Road	1400	25
636	658	754	0.92	10	1	Collector / Local Road	1400	25
637	754	658	0.92	10	1	Collector / Local Road	1400	25
638	646	649	0.627	10	1	Collector / Local Road	1400	25
639	649	646	0.627	10	1	Collector / Local Road	1400	25
640	643	753	0.48	10	1	Collector / Local Road	1400	25
641	753	643	0.48	10	1	Collector / Local Road	1400	25
642	750	756	1.471	10	1	Collector / Local Road	1400	25
643	756	750	1.471	10	1	Collector / Local Road	1400	25
644	647	721	0.959	10	1	Collector / Local Road	1400	25
645	721	647	0.959	10	1	Collector / Local Road	1400	25
646	759	761	0.434	10	1	Collector / Local Road	1400	25
647	761	759	0.434	10	1	Collector / Local Road	1400	25
648	293	762	0.385	10	1	Collector / Local Road	1400	25
649	762	293	0.385	10	1	Collector / Local Road	1400	25
650	105	621	0.155	10	1	Collector / Local Road	1400	25
651	621	105	0.155	10	1	Collector / Local Road	1400	25
652	308	762	1.291	10	1	Collector / Local Road	1400	25
653	762	308	1.291	10	1	Collector / Local Road	1400	25
654	775	776	1.048	10	1	Collector / Local Road	1400	25
655	776	775	1.048	10	1	Collector / Local Road	1400	25
656	601	777	0.853	10	1	Collector / Local Road	1400	25
657	777	601	0.853	10	1	Collector / Local Road	1400	25
658	320	774	1.056	10	1	Collector / Local Road	1400	25
659	774	320	1.056	10	1	Collector / Local Road	1400	25
660	602	779	0.945	10	1	Collector / Local Road	1400	25
661	779	602	0.945	10	1	Collector / Local Road	1400	25
662	614	620	0.48	10	1	Collector / Local Road	1400	25
663	620	614	0.48	10	1	Collector / Local Road	1400	25
664	608	619	0.844	10	1	Collector / Local Road	1400	25
665	619	608	0.844	10	1	Collector / Local Road	1400	25
666	294	617	0.594	10	1	Collector / Local Road	1400	25
667	617	294	0.594	10	1	Collector / Local Road	1400	25
668	610	613	0.233	10	1	Collector / Local Road	1400	25
669	613	610	0.233	10	1	Collector / Local Road	1400	25
670	359	763	0.708	10	1	Collector / Local Road	1400	25
671	763	359	0.708	10	1	Collector / Local Road	1400	25
672	767	768	0.885	10	1	Collector / Local Road	1400	25
673	768	767	0.885	10	1	Collector / Local Road	1400	25
674	371	768	0.658	10	1	Collector / Local Road	1400	25
675	768	371	0.658	10	1	Collector / Local Road	1400	25
676	360	597	1.605	10	1	Collector / Local Road	1400	25
677	597	360	1.605	10	1	Collector / Local Road	1400	25
678	599	771	0.328	10	1	Collector / Local Road	1400	25
679	771	599	0.328	10	1	Collector / Local Road	1400	25
680	768	772	0.857	10	1	Collector / Local Road	1400	25
681	772	768	0.857	10	1	Collector / Local Road	1400	25
682	780	783	0.848	10	1	Collector / Local Road	1400	25
683	783	780	0.848	10	1	Collector / Local Road	1400	25

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
684	586	589	0.763	10	1	Collector / Local Road	1400	25
685	589	586	0.763	10	1	Collector / Local Road	1400	25
686	590	787	0.274	10	1	Collector / Local Road	1400	25
687	787	590	0.274	10	1	Collector / Local Road	1400	25
688	582	783	0.447	10	1	Collector / Local Road	1400	25
689	783	582	0.447	10	1	Collector / Local Road	1400	25
690	788	789	2.179	10	1	Collector / Local Road	1400	25
691	789	788	2.179	10	1	Collector / Local Road	1400	25
692	588	790	1.468	10	1	Collector / Local Road	1400	25
693	790	588	1.468	10	1	Collector / Local Road	1400	25
694	581	792	0.54	10	1	Collector / Local Road	1400	25
695	792	581	0.54	10	1	Collector / Local Road	1400	25
696	315	575	0.886	10	1	Collector / Local Road	1400	25
697	575	315	0.886	10	1	Collector / Local Road	1400	25
698	354	550	0.139	10	1	Collector / Local Road	1400	25
699	550	354	0.139	10	1	Collector / Local Road	1400	25
700	554	562	0.864	10	1	Collector / Local Road	1400	25
701	562	554	0.864	10	1	Collector / Local Road	1400	25
702	559	798	0.585	10	1	Collector / Local Road	1400	25
703	798	559	0.585	10	1	Collector / Local Road	1400	25
704	315	791	1.955	10	1	Collector / Local Road	1400	30
705	791	315	1.955	10	1	Collector / Local Road	1400	30
706	571	578	0.466	10	1	Collector / Local Road	1400	25
707	578	571	0.466	10	1	Collector / Local Road	1400	25
708	561	565	0.526	10	1	Collector / Local Road	1400	25
709	565	561	0.526	10	1	Collector / Local Road	1400	25
710	796	797	0.954	10	1	Collector / Local Road	1400	25
711	797	796	0.954	10	1	Collector / Local Road	1400	25
712	321	797	0.985	10	1	Collector / Local Road	1400	25
713	797	321	0.985	10	1	Collector / Local Road	1400	25
714	321	323	0.657	10	1	Collector / Local Road	1400	25
715	323	321	0.657	10	1	Collector / Local Road	1400	25
716	557	797	0.631	10	1	Collector / Local Road	1400	25
717	797	557	0.631	10	1	Collector / Local Road	1400	25
718	804	805	1.898	10	1	Collector / Local Road	1400	25
719	805	804	1.898	10	1	Collector / Local Road	1400	25
720	535	545	0.237	10	1	Collector / Local Road	1400	25
721	545	535	0.237	10	1	Collector / Local Road	1400	25
722	526	532	0.544	10	1	Collector / Local Road	1400	25
723	532	526	0.544	10	1	Collector / Local Road	1400	25
724	523	536	0.309	10	1	Collector / Local Road	1400	25
725	536	523	0.309	10	1	Collector / Local Road	1400	25
726	806	807	1.141	10	1	Collector / Local Road	1400	25
727	807	806	1.141	10	1	Collector / Local Road	1400	25
728	517	807	1.005	10	1	Collector / Local Road	1400	25
729	807	517	1.005	10	1	Collector / Local Road	1400	25
730	89	96	0.564	12	2	Freeway	4100	70
731	97	90	0.564	12	2	Freeway	4100	70
732	440	442	0.984	12	2	Principal Arterial	3600	55
733	442	440	0.984	12	2	Principal Arterial	3600	55
734	209	445	3.695	11	1	Minor Arterial	1400	35
735	445	209	3.695	11	1	Minor Arterial	1400	35
736	454	672	0.467	11	1	Major Arterial	1600	35
737	672	454	0.467	11	1	Major Arterial	1600	35
738	431	611	2.144	12	1	Minor Arterial	1400	40
739	611	431	2.144	12	1	Minor Arterial	1400	40
740	427	779	0.733	12	1	Principal Arterial	1800	55

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
741	779	427	0.733	12	1	Principal Arterial	1800	55
742	426	428	0.389	12	1	Principal Arterial	1800	55
743	428	426	0.389	12	1	Principal Arterial	1800	55
744	450	720	0.759	12	1	Minor Arterial	1400	55
745	720	450	0.759	12	1	Minor Arterial	1400	55
746	451	720	0.489	12	1	Minor Arterial	1400	55
747	720	451	0.489	12	1	Minor Arterial	1400	55
748	86	585	0.31	12	1	Principal Arterial	1800	40
749	585	86	0.31	12	1	Principal Arterial	1800	40
750	292	775	0.742	12	1	Major Arterial	1600	55
751	775	292	0.742	12	1	Major Arterial	1600	55
752	293	629	1.706	12	1	Major Arterial	1600	55
753	629	293	1.706	12	1	Major Arterial	1600	55
754	629	637	0.426	12	1	Major Arterial	1600	45
755	637	629	0.426	12	1	Major Arterial	1600	45
756	294	775	1.995	12	1	Major Arterial	1600	55
757	775	294	1.995	12	1	Major Arterial	1600	55
758	210	594	0.698	12	1	Principal Arterial	1800	55
759	594	210	0.698	12	1	Principal Arterial	1800	55
760	822	826	0.021	12	1	Major Arterial	1600	45
761	826	822	0.021	12	1	Major Arterial	1600	45
762	825	826	0.047	12	1	Minor Arterial	1400	40
763	827	824	0.035	11	1	Major Arterial	1600	35
764	823	827	0.037	11	2	Major Arterial	3200	35
765	828	163	0.033	11	2	Principal Arterial	3600	35
766	162	828	0.027	12	2	Major Arterial	3200	45
767	158	829	0.045	11	2	Principal Arterial	3600	35
768	828	829	0.017	12	2	Major Arterial	3200	45
769	829	159	0.041	12	2	Major Arterial	3200	45
770	830	828	0.009	11	2	Principal Arterial	3600	35
771	161	830	0.02	11	2	Principal Arterial	3600	35
772	830	160	0.029	12	2	Major Arterial	3200	45
773	458	815	0.342	12	1	Major Arterial	1600	55
774	815	458	0.342	12	1	Major Arterial	1600	55
775	816	817	0.057	11	1	Major Arterial	1600	35
776	817	816	0.057	11	1	Major Arterial	1600	35
777	817	818	0.025	11	1	Major Arterial	1600	35
778	818	817	0.025	11	1	Major Arterial	1600	35
779	817	819	0.052	11	1	Major Arterial	1600	35
780	819	817	0.052	11	1	Major Arterial	1600	35
781	663	819	0.132	11	1	Major Arterial	1600	35
782	819	663	0.132	11	1	Major Arterial	1600	35
783	818	816	0.066	12	1	Minor Arterial	1400	40
784	819	818	0.058	12	1	Minor Arterial	1400	40
785	145	150	0.175	12	2	Principal Arterial	3600	50
786	148	820	0.167	12	2	Principal Arterial	3600	50
787	820	143	0.019	12	2	Principal Arterial	3600	50
788	820	145	0.019	12	1	Major Arterial	1700	50
789	436	437	2.375	12	2	Principal Arterial	3600	55
790	437	436	2.375	12	2	Principal Arterial	3600	55
791	439	441	1.04	12	2	Principal Arterial	3600	55
792	441	439	1.04	12	2	Principal Arterial	3600	55
793	472	821	1.551	12	1	Major Arterial	1600	55
794	821	472	1.551	12	1	Major Arterial	1600	55
795	822	823	0.011	12	1	Major Arterial	1600	45
796	823	822	0.011	12	1	Major Arterial	1600	45
797	824	825	0.04	11	1	Major Arterial	1600	35

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
798	825	822	0.035	11	2	Major Arterial	3200	35
799	725	166	0.516	12	2	Principal Arterial	3600	45
800	167	490	0.518	12	2	Principal Arterial	3600	45
801	328	851	0.042	12	1	Major Arterial	1600	45
802	851	328	0.042	12	1	Major Arterial	1600	45
803	328	852	0.04	12	2	Major Arterial	3200	40
804	852	328	0.04	12	2	Major Arterial	3200	40
805	851	852	0.047	10	1	Collector / Local Road	1400	40
806	829	831	0.008	11	2	Principal Arterial	3600	35
807	831	156	0.034	11	2	Principal Arterial	3600	35
808	831	830	0.017	12	2	Major Arterial	3200	45
809	157	831	0.04	12	2	Major Arterial	3200	45
810	479	832	0.035	10	1	Collector / Local Road	1400	25
811	705	833	0.131	10	1	Collector / Local Road	1400	35
812	833	705	0.131	10	1	Collector / Local Road	1400	35
813	473	703	0.101	10	1	Collector / Local Road	1400	35
814	703	473	0.101	10	1	Collector / Local Road	1400	35
815	80	84	0.229	12	1	Major Arterial	1600	45
816	84	80	0.229	12	1	Major Arterial	1600	45
817	82	84	0.324	11	1	Ramp	1800	35
818	79	80	0.331	11	1	Ramp	1800	35
819	93	94	0.235	12	1	Principal Arterial	1800	55
820	95	92	0.235	12	1	Principal Arterial	1800	55
821	726	835	0.016	10	1	Collector / Local Road	1400	25
822	835	726	0.016	10	1	Collector / Local Road	1400	25
823	801	812	0.609	12	1	Major Arterial	1600	55
824	812	801	0.609	12	1	Major Arterial	1600	55
825	311	839	0.593	12	1	Principal Arterial	1800	55
826	839	311	0.593	12	1	Principal Arterial	1800	55
827	320	839	0.976	12	1	Principal Arterial	1800	55
828	839	320	0.976	12	1	Principal Arterial	1800	55
829	840	841	0.538	12	1	Principal Arterial	1800	55
830	841	840	0.538	12	1	Principal Arterial	1800	55
831	843	844	0.146	10	1	Collector / Local Road	1400	25
832	844	843	0.146	10	1	Collector / Local Road	1400	25
833	736	845	0.178	12	2	Principal Arterial	3600	45
834	845	736	0.178	12	2	Principal Arterial	3600	45
835	736	846	0.126	12	2	Principal Arterial	3600	45
836	846	736	0.126	12	2	Principal Arterial	3600	45
837	285	743	0.219	12	1	Major Arterial	1600	55
838	743	285	0.219	12	1	Major Arterial	1600	55
839	24	849	0.055	12	2	Principal Arterial	3600	45
840	849	24	0.055	12	2	Principal Arterial	3600	45
841	22	850	0.095	12	1	Principal Arterial	1800	40
842	850	22	0.095	12	1	Principal Arterial	1800	40
843	849	850	0.116	12	1	Principal Arterial	1800	45
844	850	849	0.116	12	1	Principal Arterial	1800	45
845	854	855	0.053	12	1	Major Arterial	1600	50
846	855	854	0.053	12	1	Major Arterial	1600	50
847	855	856	0.039	12	1	Principal Arterial	1800	45
848	856	855	0.039	12	1	Principal Arterial	1800	45
849	855	857	0.035	12	1	Principal Arterial	1800	50
850	857	855	0.035	12	1	Principal Arterial	1800	50
851	856	854	0.068	10	1	Collector / Local Road	1400	40
852	854	857	0.072	10	1	Collector / Local Road	1400	40
853	46	858	0.096	12	2	Principal Arterial	3600	45
854	858	46	0.096	12	2	Principal Arterial	3600	45

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
855	47	858	0.084	12	1	Major Arterial	1600	45
856	858	47	0.084	12	1	Major Arterial	1600	45
857	859	34	0.805	12	2	Freeway	4100	65
858	28	860	0.781	12	2	Freeway	4100	65
859	32	861	0.039	12	2	Minor Arterial	2800	40
860	859	862	0.515	11	1	Ramp	1800	35
861	862	32	0.06	11	1	Ramp	1800	35
862	862	861	0.081	11	1	Ramp	1800	35
863	26	863	0.098	12	2	Minor Arterial	2800	40
864	863	30	0.053	12	2	Minor Arterial	2800	40
865	864	860	0.457	11	1	Ramp	1800	35
866	863	864	0.07	11	1	Ramp	1800	35
867	30	864	0.042	11	1	Ramp	1800	35
868	224	50	0.084	10	1	Collector / Local Road	1400	25
869	866	74	0.019	10	1	Collector / Local Road	1400	40
870	865	866	0.031	10	1	Collector / Local Road	1400	40
871	866	867	0.025	12	1	Major Arterial	1600	45
872	72	866	0.043	12	1	Major Arterial	1600	45
873	867	75	0.035	12	2	Principal Arterial	3600	40
874	865	867	0.055	12	2	Principal Arterial	3600	40
875	874	875	0.043	12	2	Principal Arterial	3600	45
876	874	876	0.046	12	1	Principal Arterial	1800	45
877	876	874	0.046	12	1	Principal Arterial	1800	45
878	876	875	0.063	12	1	Collector / Local Road	1400	45
879	136	181	0.526	12	2	Principal Arterial	3600	45
880	191	874	0.009	12	1	Collector / Local Road	1400	45
881	874	191	0.009	12	1	Collector / Local Road	1400	45
882	386	665	1.448	12	1	Principal Arterial	1800	55
883	665	386	1.448	12	1	Principal Arterial	1800	55
884	104	369	0.393	12	1	Minor Arterial	1400	45
885	369	104	0.393	12	1	Minor Arterial	1400	45
886	337	510	0.037	12	1	Principal Arterial	1800	45
887	510	337	0.037	12	1	Principal Arterial	1800	45
888	524	877	0.61	12	2	Principal Arterial	3600	55
889	877	524	0.61	12	2	Principal Arterial	3600	55
890	336	878	0.118	12	1	Principal Arterial	1800	45
891	878	336	0.118	12	1	Principal Arterial	1800	45
892	199	880	0.38	12	1	Principal Arterial	1800	40
893	880	199	0.38	12	1	Principal Arterial	1800	40
894	117	880	0.544	12	1	Principal Arterial	1800	55
895	880	117	0.544	12	1	Principal Arterial	1800	55
896	758	882	0.359	12	2	Principal Arterial	3600	55
897	882	758	0.359	12	2	Principal Arterial	3600	55
898	656	748	0.399	11	1	Principal Arterial	1800	35
899	748	656	0.399	11	1	Principal Arterial	1800	35
900	284	695	1.404	10	1	Collector / Local Road	1400	25
901	695	284	1.404	10	1	Collector / Local Road	1400	25
902	687	696	1.402	10	1	Collector / Local Road	1400	25
903	696	687	1.402	10	1	Collector / Local Road	1400	25
904	618	885	2.643	10	1	Collector / Local Road	1400	25
905	885	618	2.643	10	1	Collector / Local Road	1400	25
906	616	618	0.487	10	1	Collector / Local Road	1400	25
907	618	616	0.487	10	1	Collector / Local Road	1400	25
908	425	787	0.488	10	1	Collector / Local Road	1400	25
909	787	425	0.488	10	1	Collector / Local Road	1400	25
910	307	899	0.396	10	1	Collector / Local Road	1400	25
911	899	307	0.396	10	1	Collector / Local Road	1400	25

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
912	751	900	0.237	10	1	Collector / Local Road	1400	25
913	900	751	0.237	10	1	Collector / Local Road	1400	25
914	773	894	0.818	10	1	Collector / Local Road	1400	25
915	894	773	0.818	10	1	Collector / Local Road	1400	25
916	85	894	1.353	10	1	Collector / Local Road	1400	25
917	894	85	1.353	10	1	Collector / Local Road	1400	25
918	555	887	0.061	12	1	Minor Arterial	1400	45
919	887	555	0.061	12	1	Minor Arterial	1400	45
920	577	889	0.148	10	1	Collector / Local Road	1400	25
921	889	577	0.148	10	1	Collector / Local Road	1400	25
922	796	889	1.094	10	1	Collector / Local Road	1400	25
923	889	796	1.094	10	1	Collector / Local Road	1400	25
924	316	891	0.094	10	1	Collector / Local Road	1400	25
925	891	316	0.094	10	1	Collector / Local Road	1400	25
926	890	892	0.143	10	1	Collector / Local Road	1400	25
927	892	890	0.143	10	1	Collector / Local Road	1400	25
928	894	895	0.187	10	1	Collector / Local Road	1400	25
929	895	894	0.187	10	1	Collector / Local Road	1400	25
930	201	896	0.011	12	1	Minor Arterial	1400	55
931	896	201	0.011	12	1	Minor Arterial	1400	55
932	201	897	0.024	10	1	Collector / Local Road	1400	25
933	897	201	0.024	10	1	Collector / Local Road	1400	25
934	896	897	0.021	10	1	Collector / Local Road	1400	25
935	897	896	0.021	10	1	Collector / Local Road	1400	25
936	902	903	0.92	10	1	Collector / Local Road	1400	25
937	903	902	0.92	10	1	Collector / Local Road	1400	25
938	737	903	0.289	10	1	Collector / Local Road	1400	25
939	903	737	0.289	10	1	Collector / Local Road	1400	25
940	686	904	0.464	10	1	Collector / Local Road	1400	25
941	904	686	0.464	10	1	Collector / Local Road	1400	25
942	903	906	0.941	10	1	Collector / Local Road	1400	25
943	906	903	0.941	10	1	Collector / Local Road	1400	25
944	904	908	0.319	10	1	Collector / Local Road	1400	25
945	908	904	0.319	10	1	Collector / Local Road	1400	25
946	434	676	0.331	12	1	Minor Arterial	1400	55
947	676	434	0.331	12	1	Minor Arterial	1400	55
948	676	911	0.231	12	1	Minor Arterial	1400	55
949	911	676	0.231	12	1	Minor Arterial	1400	55
950	914	915	0.187	10	1	Collector / Local Road	1400	25
951	915	914	0.187	10	1	Collector / Local Road	1400	25
952	914	916	0.097	10	1	Collector / Local Road	1400	25
953	916	914	0.097	10	1	Collector / Local Road	1400	25
954	532	915	0.129	10	1	Collector / Local Road	1400	25
955	915	532	0.129	10	1	Collector / Local Road	1400	25
956	356	918	0.406	12	1	Principal Arterial	1800	40
957	918	356	0.406	12	1	Principal Arterial	1800	40
958	919	920	0.06	10	1	Collector / Local Road	1400	25
959	920	919	0.06	10	1	Collector / Local Road	1400	25
960	601	921	0.179	10	1	Collector / Local Road	1400	25
961	921	601	0.179	10	1	Collector / Local Road	1400	25
962	772	921	0.237	10	1	Collector / Local Road	1400	25
963	921	772	0.237	10	1	Collector / Local Road	1400	25
964	772	922	0.104	10	1	Collector / Local Road	1400	25
965	922	772	0.104	10	1	Collector / Local Road	1400	25
966	204	922	0.721	10	1	Collector / Local Road	1400	25
967	922	204	0.721	10	1	Collector / Local Road	1400	25
968	370	923	0.134	10	1	Collector / Local Road	1400	25

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
969	923	370	0.134	10	1	Collector / Local Road	1400	25
970	374	924	0.265	12	2	Principal Arterial	3600	55
971	924	374	0.265	12	2	Principal Arterial	3600	55
972	669	926	0.006	10	1	Collector / Local Road	1400	25
973	926	669	0.006	10	1	Collector / Local Road	1400	25
974	385	928	0.092	12	1	Principal Arterial	1800	45
975	928	385	0.092	12	1	Principal Arterial	1800	45
976	57	228	2.589	12	2	Freeway	4100	65
977	229	55	2.585	12	2	Freeway	4100	65
978	459	142	0.011	12	2	Major Arterial	3200	45
979	936	937	0.02	12	2	Major Arterial	3200	45
980	938	937	0.03	10	1	Collector / Local Road	1400	25
981	936	938	0.025	10	1	Collector / Local Road	1400	25
982	938	936	0.025	10	1	Collector / Local Road	1400	25
983	936	939	0.01	10	1	Collector / Local Road	1400	25
984	939	936	0.01	10	1	Collector / Local Road	1400	25
985	724	936	0.028	12	2	Major Arterial	3200	45
986	909	958	0.413	10	1	Collector / Local Road	1400	25
987	958	909	0.413	10	1	Collector / Local Road	1400	25
988	974	981	0.136	12	2	Major Arterial	3200	45
989	981	974	0.136	12	2	Major Arterial	3200	45
990	802	940	0.416	12	1	Minor Arterial	1400	45
991	940	802	0.416	12	1	Minor Arterial	1400	45
992	318	942	0.025	12	1	Minor Arterial	1400	45
993	942	318	0.025	12	1	Minor Arterial	1400	45
994	942	943	0.24	10	1	Collector / Local Road	1400	25
995	943	942	0.24	10	1	Collector / Local Road	1400	25
996	940	942	0.193	12	1	Minor Arterial	1400	45
997	942	940	0.193	12	1	Minor Arterial	1400	45
998	86	947	0.863	12	1	Minor Arterial	1400	45
999	947	86	0.863	12	1	Minor Arterial	1400	45
1000	740	955	0.449	10	1	Collector / Local Road	1400	25
1001	955	740	0.449	10	1	Collector / Local Road	1400	25
1002	571	951	0.268	10	1	Collector / Local Road	1400	25
1003	951	571	0.268	10	1	Collector / Local Road	1400	25
1004	796	951	0.338	10	1	Collector / Local Road	1400	25
1005	951	796	0.338	10	1	Collector / Local Road	1400	25
1006	320	952	0.866	12	1	Principal Arterial	1800	55
1007	952	320	0.866	12	1	Principal Arterial	1800	55
1008	813	840	1.016	12	1	Minor Arterial	1400	55
1009	840	813	1.016	12	1	Minor Arterial	1400	55
1010	813	954	1.752	10	1	Collector / Local Road	1400	25
1011	954	813	1.752	10	1	Collector / Local Road	1400	25
1012	841	954	0.137	10	1	Collector / Local Road	1400	25
1013	954	841	0.137	10	1	Collector / Local Road	1400	25
1014	734	956	0.012	12	1	Major Arterial	1600	55
1015	956	734	0.012	12	1	Major Arterial	1600	55
1016	902	956	0.098	12	1	Major Arterial	1600	55
1017	956	902	0.098	12	1	Major Arterial	1600	55
1018	738	960	1.445	10	1	Collector / Local Road	1400	25
1019	960	738	1.445	10	1	Collector / Local Road	1400	25
1020	959	961	0.029	10	1	Collector / Local Road	1400	25
1021	961	959	0.029	10	1	Collector / Local Road	1400	25
1022	746	961	0.51	10	1	Collector / Local Road	1400	25
1023	961	746	0.51	10	1	Collector / Local Road	1400	25
1024	959	960	0.023	10	1	Collector / Local Road	1400	25
1025	960	959	0.023	10	1	Collector / Local Road	1400	25

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
1026	960	961	0.027	10	1	Collector / Local Road	1400	25
1027	961	960	0.027	10	1	Collector / Local Road	1400	25
1028	653	748	0.006	10	1	Collector / Local Road	1400	25
1029	748	653	0.006	10	1	Collector / Local Road	1400	25
1030	964	965	0.122	10	1	Collector / Local Road	1400	25
1031	965	964	0.122	10	1	Collector / Local Road	1400	25
1032	972	973	0.284	10	1	Collector / Local Road	1400	25
1033	973	972	0.284	10	1	Collector / Local Road	1400	25
1034	412	966	0.051	12	1	Major Arterial	1600	55
1035	966	412	0.051	12	1	Major Arterial	1600	55
1036	966	967	0.1	10	2	Collector / Local Road	2800	15
1037	967	966	0.1	10	2	Collector / Local Road	2800	15
1038	793	968	0.173	10	1	Collector / Local Road	1400	25
1039	968	793	0.173	10	1	Collector / Local Road	1400	25
1040	939	709	0.039	12	2	Major Arterial	3200	45
1041	483	970	0.05	12	1	Major Arterial	1600	40
1042	970	483	0.05	12	1	Major Arterial	1600	40
1043	842	971	0.178	12	1	Principal Arterial	1800	55
1044	971	842	0.178	12	1	Principal Arterial	1800	55
1045	394	975	0.63	12	1	Principal Arterial	1800	55
1046	975	394	0.63	12	1	Principal Arterial	1800	55
1047	980	20	0.296	12	2	Principal Arterial	3600	45
1048	353	983	0.705	12	2	Principal Arterial	3600	45
1049	983	353	0.705	12	2	Principal Arterial	3600	45
1050	598	984	0.17	10	1	Collector / Local Road	1400	25
1051	984	598	0.17	10	1	Collector / Local Road	1400	25
1052	777	919	0.179	10	1	Collector / Local Road	1400	25
1053	919	777	0.179	10	1	Collector / Local Road	1400	25
1054	62	986	0.071	12	1	Major Arterial	1600	45
1055	987	986	0.083	11	1	Ramp	1800	35
1056	987	62	0.042	11	1	Ramp	1800	35
1057	58	987	0.254	11	1	Ramp	1800	35
1058	620	765	0.019	10	1	Collector / Local Road	1400	25
1059	765	620	0.019	10	1	Collector / Local Road	1400	25
1060	361	596	1.089	10	1	Collector / Local Road	1400	25
1061	596	361	1.089	10	1	Collector / Local Road	1400	25
1062	366	642	0.831	12	1	Minor Arterial	1400	40
1063	642	366	0.831	12	1	Minor Arterial	1400	40
1064	568	885	2.824	10	1	Collector / Local Road	1400	25
1065	885	568	2.824	10	1	Collector / Local Road	1400	25
1066	568	788	0.013	10	1	Collector / Local Road	1400	25
1067	788	568	0.013	10	1	Collector / Local Road	1400	25
1068	341	799	0.135	12	1	Principal Arterial	1800	40
1069	799	341	0.135	12	1	Principal Arterial	1800	40
1070	421	989	0.26	10	1	Collector / Local Road	1400	25
1071	989	421	0.26	10	1	Collector / Local Road	1400	25
1072	564	990	1.694	10	1	Collector / Local Road	1400	25
1073	990	564	1.694	10	1	Collector / Local Road	1400	25
1074	343	992	0.376	10	1	Collector / Local Road	1400	25
1075	992	343	0.376	10	1	Collector / Local Road	1400	25
1076	679	994	0.4	10	1	Collector / Local Road	1400	25
1077	994	679	0.4	10	1	Collector / Local Road	1400	25
1078	387	755	0.224	10	1	Collector / Local Road	1400	35
1079	755	387	0.224	10	1	Collector / Local Road	1400	35
1080	641	755	0.011	10	1	Collector / Local Road	1400	25
1081	755	641	0.011	10	1	Collector / Local Road	1400	25
1082	785	997	0.082	12	1	Principal Arterial	1800	40

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
1083	997	785	0.082	12	1	Principal Arterial	1800	40
1084	583	998	0.705	12	1	Principal Arterial	1800	40
1085	998	583	0.705	12	1	Principal Arterial	1800	40
1086	999	1000	0.386	10	1	Collector / Local Road	1400	25
1087	1000	999	0.386	10	1	Collector / Local Road	1400	25
1088	514	1001	0.086	10	1	Collector / Local Road	1400	25
1089	1001	514	0.086	10	1	Collector / Local Road	1400	25
1090	515	1001	0.122	10	1	Collector / Local Road	1400	25
1091	1001	515	0.122	10	1	Collector / Local Road	1400	25
1092	780	996	0.945	10	1	Collector / Local Road	1400	25
1093	996	780	0.945	10	1	Collector / Local Road	1400	25
1094	525	877	0.134	10	1	Collector / Local Road	1400	25
1095	877	525	0.134	10	1	Collector / Local Road	1400	25
1096	583	1004	0.534	10	1	Collector / Local Road	1400	25
1097	1004	583	0.534	10	1	Collector / Local Road	1400	25
1098	806	1005	0.746	10	1	Collector / Local Road	1400	25
1099	1005	806	0.746	10	1	Collector / Local Road	1400	25
1100	292	1008	0.212	10	1	Collector / Local Road	1400	25
1101	1008	292	0.212	10	1	Collector / Local Road	1400	25
1102	605	1008	0.463	10	1	Collector / Local Road	1400	25
1103	1008	605	0.463	10	1	Collector / Local Road	1400	25
1104	897	1009	1.168	10	1	Collector / Local Road	1400	25
1105	1009	897	1.168	10	1	Collector / Local Road	1400	25
1106	774	1009	0.745	10	1	Collector / Local Road	1400	25
1107	1009	774	0.745	10	1	Collector / Local Road	1400	25
1108	764	1010	1.202	10	1	Collector / Local Road	1400	25
1109	1010	764	1.202	10	1	Collector / Local Road	1400	25
1110	756	1010	0.66	10	1	Collector / Local Road	1400	25
1111	1010	756	0.66	10	1	Collector / Local Road	1400	25
1112	651	1011	0.218	10	1	Collector / Local Road	1400	25
1113	1011	651	0.218	10	1	Collector / Local Road	1400	25
1114	949	1012	0.145	10	1	Collector / Local Road	1400	25
1115	1012	949	0.145	10	1	Collector / Local Road	1400	25
1116	752	1013	0.431	10	1	Collector / Local Road	1400	25
1117	1013	752	0.431	10	1	Collector / Local Road	1400	25
1118	735	1014	0.796	10	1	Collector / Local Road	1400	25
1119	1014	735	0.796	10	1	Collector / Local Road	1400	25
1120	736	1014	1.35	10	1	Collector / Local Road	1400	25
1121	1014	736	1.35	10	1	Collector / Local Road	1400	25
1122	697	1015	0.746	10	1	Collector / Local Road	1400	25
1123	1015	697	0.746	10	1	Collector / Local Road	1400	25
1124	446	1016	0.457	10	1	Collector / Local Road	1400	25
1125	1016	446	0.457	10	1	Collector / Local Road	1400	25
1126	451	1017	2.004	10	1	Collector / Local Road	1400	25
1127	1017	451	2.004	10	1	Collector / Local Road	1400	25
1128	753	1017	0.4	10	1	Collector / Local Road	1400	25
1129	1017	753	0.4	10	1	Collector / Local Road	1400	25
1130	615	1018	0.688	10	1	Collector / Local Road	1400	25
1131	1018	615	0.688	10	1	Collector / Local Road	1400	25
1132	429	1019	0.387	10	1	Collector / Local Road	1400	25
1133	1019	429	0.387	10	1	Collector / Local Road	1400	25
1134	562	1020	0.553	10	1	Collector / Local Road	1400	25
1135	1020	562	0.553	10	1	Collector / Local Road	1400	25
1136	561	1020	0.744	10	1	Collector / Local Road	1400	25
1137	1020	561	0.744	10	1	Collector / Local Road	1400	25
1138	409	1021	0.428	10	1	Collector / Local Road	1400	25
1139	1021	409	0.428	10	1	Collector / Local Road	1400	25

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
1140	761	1024	0.337	10	1	Collector / Local Road	1400	25
1141	1024	761	0.337	10	1	Collector / Local Road	1400	25
1142	759	1025	0.942	10	1	Collector / Local Road	1400	25
1143	1025	759	0.942	10	1	Collector / Local Road	1400	25
1144	635	1025	0.836	10	1	Collector / Local Road	1400	25
1145	1025	635	0.836	10	1	Collector / Local Road	1400	25
1146	603	1026	1.162	10	1	Collector / Local Road	1400	25
1147	1026	603	1.162	10	1	Collector / Local Road	1400	25
1148	783	1027	0.443	10	1	Collector / Local Road	1400	25
1149	1027	783	0.443	10	1	Collector / Local Road	1400	25
1150	357	996	0.927	10	1	Collector / Local Road	1400	25
1151	996	357	0.927	10	1	Collector / Local Road	1400	25
1152	675	741	0.786	10	1	Collector / Local Road	1400	25
1153	741	675	0.786	10	1	Collector / Local Road	1400	25
1154	76	196	0.331	12	2	Principal Arterial	3600	40
1155	196	76	0.331	12	2	Principal Arterial	3600	40
1156	77	79	3.393	12	2	Freeway	4100	70
1157	78	402	0.136	12	1	Major Arterial	1600	45
1158	402	78	0.136	12	1	Major Arterial	1600	45
1159	190	188	0.07	10	1	Collector / Local Road	1400	25
1160	191	995	0.091	12	1	Major Arterial	1600	45
1161	995	191	0.091	12	1	Major Arterial	1600	45
1162	203	297	0.111	11	2	Principal Arterial	3600	35
1163	297	203	0.111	11	2	Principal Arterial	3600	35
1164	860	12	1.862	12	2	Freeway	4100	65
1165	204	371	0.36	12	2	Principal Arterial	3600	55
1166	371	204	0.36	12	2	Principal Arterial	3600	55
1167	210	429	0.83	12	1	Minor Arterial	1400	40
1168	429	210	0.83	12	1	Minor Arterial	1400	40
1169	84	399	0.932	12	1	Major Arterial	1600	45
1170	399	84	0.932	12	1	Major Arterial	1600	45
1171	113	218	0.639	12	2	Freeway	4100	70
1172	111	121	3.424	12	2	Freeway	4100	70
1173	216	111	0.635	12	2	Freeway	4100	70
1174	144	154	0.52	12	2	Freeway	4100	70
1175	219	223	0.587	12	2	Freeway	4100	70
1176	14	859	1.95	12	2	Freeway	4100	65
1177	235	234	0.185	12	2	Freeway	4100	60
1178	244	236	0.202	12	2	Freeway	4100	60
1179	237	238	1.767	12	2	Principal Arterial	3600	45
1180	241	245	0.48	12	2	Principal Arterial	3600	60
1181	240	251	2.303	10	1	Collector / Local Road	1400	40
1182	251	240	2.303	10	1	Collector / Local Road	1400	40
1183	254	257	0.683	12	1	Major Arterial	1600	45
1184	257	254	0.683	12	1	Major Arterial	1600	45
1185	251	259	2.307	10	1	Collector / Local Road	1400	40
1186	259	251	2.307	10	1	Collector / Local Road	1400	40
1187	268	270	0.697	12	1	Minor Arterial	1400	45
1188	270	268	0.697	12	1	Minor Arterial	1400	45
1189	263	276	1.434	12	2	Freeway	4100	65
1190	267	269	0.199	12	2	Freeway	4100	65
1191	261	263	0.194	12	2	Freeway	4100	65
1192	269	258	1.88	12	2	Freeway	4100	65
1193	253	256	0.468	12	2	Freeway	4100	65
1194	255	275	1.365	12	2	Freeway	4100	65
1195	270	271	1.786	12	1	Minor Arterial	1400	45
1196	271	270	1.786	12	1	Minor Arterial	1400	45

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
1197	273	274	0.457	12	2	Freeway	4100	60
1198	233	246	0.248	12	2	Freeway	4100	60
1199	249	273	0.244	12	2	Freeway	4100	60
1200	246	244	0.181	12	2	Freeway	4100	60
1201	234	249	0.133	12	2	Freeway	4100	60
1202	279	280	1.767	12	2	Principal Arterial	3600	45
1203	284	957	1.128	12	1	Major Arterial	1600	55
1204	957	284	1.128	12	1	Major Arterial	1600	55
1205	286	287	0.398	11	1	Major Arterial	1600	35
1206	287	286	0.398	11	1	Major Arterial	1600	35
1207	203	287	0.405	11	1	Major Arterial	1600	35
1208	287	203	0.405	11	1	Major Arterial	1600	35
1209	289	290	0.128	11	1	Major Arterial	1600	35
1210	290	289	0.128	11	1	Major Arterial	1600	35
1211	290	814	0.549	11	1	Major Arterial	1600	35
1212	814	290	0.549	11	1	Major Arterial	1600	35
1213	292	839	1.688	12	1	Major Arterial	1600	55
1214	839	292	1.688	12	1	Major Arterial	1600	55
1215	295	846	0.595	12	2	Principal Arterial	3600	55
1216	846	295	0.595	12	2	Principal Arterial	3600	55
1217	300	748	0.442	12	1	Principal Arterial	1800	45
1218	748	300	0.442	12	1	Principal Arterial	1800	45
1219	302	309	0.148	12	1	Minor Arterial	1400	45
1220	309	302	0.148	12	1	Minor Arterial	1400	45
1221	303	304	0.355	12	1	Minor Arterial	1400	45
1222	304	303	0.355	12	1	Minor Arterial	1400	45
1223	304	305	0.868	12	1	Minor Arterial	1400	45
1224	305	304	0.868	12	1	Minor Arterial	1400	45
1225	305	306	1.041	12	1	Minor Arterial	1400	45
1226	306	305	1.041	12	1	Minor Arterial	1400	45
1227	207	308	1.484	12	1	Minor Arterial	1400	45
1228	308	207	1.484	12	1	Minor Arterial	1400	45
1229	310	311	0.618	12	1	Principal Arterial	1800	55
1230	311	310	0.618	12	1	Principal Arterial	1800	55
1231	85	314	0.836	12	1	Principal Arterial	1800	55
1232	314	85	0.836	12	1	Principal Arterial	1800	55
1233	202	315	0.908	12	1	Minor Arterial	1400	45
1234	315	202	0.908	12	1	Minor Arterial	1400	45
1235	316	319	1.272	12	1	Minor Arterial	1400	45
1236	319	316	1.272	12	1	Minor Arterial	1400	45
1237	317	319	1.115	12	1	Minor Arterial	1400	45
1238	319	317	1.115	12	1	Minor Arterial	1400	45
1239	320	1028	1.165	10	1	Collector / Local Road	1400	25
1240	1028	320	1.165	10	1	Collector / Local Road	1400	25
1241	330	857	0.153	12	1	Principal Arterial	1800	50
1242	857	330	0.153	12	1	Principal Arterial	1800	50
1243	333	505	0.713	12	1	Major Arterial	1600	45
1244	505	333	0.713	12	1	Major Arterial	1600	45
1245	338	340	0.102	12	1	Principal Arterial	1800	40
1246	340	338	0.102	12	1	Principal Arterial	1800	40
1247	343	811	1.398	12	2	Principal Arterial	3600	55
1248	811	343	1.398	12	2	Principal Arterial	3600	55
1249	196	344	0.603	12	2	Principal Arterial	3600	40
1250	344	196	0.603	12	2	Principal Arterial	3600	40
1251	345	346	0.155	12	1	Major Arterial	1600	45
1252	346	345	0.155	12	1	Major Arterial	1600	45
1253	347	348	0.214	12	1	Major Arterial	1600	45

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
1254	348	347	0.214	12	1	Major Arterial	1600	45
1255	346	348	0.702	12	1	Major Arterial	1600	45
1256	348	346	0.702	12	1	Major Arterial	1600	45
1257	347	349	0.726	12	1	Major Arterial	1600	45
1258	349	347	0.726	12	1	Major Arterial	1600	45
1259	353	354	0.495	12	2	Principal Arterial	3600	45
1260	354	353	0.495	12	2	Principal Arterial	3600	45
1261	355	356	0.614	12	1	Principal Arterial	1800	40
1262	356	355	0.614	12	1	Principal Arterial	1800	40
1263	359	364	1.751	12	1	Minor Arterial	1400	55
1264	364	359	1.751	12	1	Minor Arterial	1400	55
1265	363	365	0.675	12	1	Minor Arterial	1400	55
1266	365	363	0.675	12	1	Minor Arterial	1400	55
1267	118	366	0.195	12	1	Minor Arterial	1400	40
1268	366	118	0.195	12	1	Minor Arterial	1400	40
1269	368	369	0.881	12	1	Minor Arterial	1400	45
1270	369	368	0.881	12	1	Minor Arterial	1400	45
1271	198	352	1.683	12	2	Principal Arterial	3600	55
1272	352	198	1.683	12	2	Principal Arterial	3600	55
1273	373	924	0.939	12	2	Principal Arterial	3600	55
1274	924	373	0.939	12	2	Principal Arterial	3600	55
1275	375	376	0.703	12	2	Principal Arterial	3600	55
1276	376	375	0.703	12	2	Principal Arterial	3600	55
1277	378	881	0.655	12	2	Principal Arterial	3600	45
1278	881	378	0.655	12	2	Principal Arterial	3600	45
1279	134	382	0.318	11	1	Principal Arterial	1800	30
1280	382	134	0.318	11	1	Principal Arterial	1800	30
1281	200	382	0.189	11	1	Principal Arterial	1800	30
1282	382	200	0.189	11	1	Principal Arterial	1800	30
1283	182	200	0.255	11	1	Principal Arterial	1800	30
1284	200	182	0.255	11	1	Principal Arterial	1800	30
1285	879	928	0.75	12	1	Principal Arterial	1800	45
1286	928	879	0.75	12	1	Principal Arterial	1800	45
1287	200	391	0.685	11	1	Major Arterial	1600	30
1288	391	200	0.685	11	1	Major Arterial	1600	30
1289	185	390	0.113	10	2	Collector / Local Road	2800	35
1290	390	185	0.113	10	2	Collector / Local Road	2800	35
1291	182	184	0.787	12	2	Principal Arterial	3600	45
1292	188	183	0.797	12	2	Principal Arterial	3600	45
1293	382	392	0.217	12	2	Principal Arterial	3600	45
1294	392	382	0.217	12	2	Principal Arterial	3600	45
1295	390	995	0.477	11	1	Major Arterial	1600	30
1296	995	390	0.477	11	1	Major Arterial	1600	30
1297	93	96	0.229	11	1	Ramp	2050	35
1298	97	94	0.361	11	1	Ramp	2050	35
1299	400	401	0.95	11	1	Major Arterial	1600	30
1300	401	400	0.95	11	1	Major Arterial	1600	30
1301	402	1003	0.132	12	1	Major Arterial	1600	55
1302	1003	402	0.132	12	1	Major Arterial	1600	55
1303	404	969	1.705	12	1	Major Arterial	1600	45
1304	969	404	1.705	12	1	Major Arterial	1600	45
1305	407	812	1.053	12	1	Major Arterial	1600	55
1306	812	407	1.053	12	1	Major Arterial	1600	55
1307	408	967	1.069	10	2	Collector / Local Road	2800	15
1308	967	408	1.069	10	2	Collector / Local Road	2800	15
1309	409	410	1.771	12	1	Minor Arterial	1400	45
1310	410	409	1.771	12	1	Minor Arterial	1400	45

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
1311	54	224	0.13	10	1	Collector / Local Road	1400	25
1312	67	421	0.163	12	1	Major Arterial	1600	50
1313	421	67	0.163	12	1	Major Arterial	1600	50
1314	40	421	0.991	12	1	Major Arterial	1600	50
1315	421	40	0.991	12	1	Major Arterial	1600	50
1316	70	72	0.066	12	1	Major Arterial	1600	45
1317	73	424	0.404	11	1	Major Arterial	1600	35
1318	424	73	0.404	11	1	Major Arterial	1600	35
1319	986	226	0.061	12	1	Major Arterial	1600	45
1320	210	578	2.361	10	1	Collector / Local Road	1400	25
1321	578	210	2.361	10	1	Collector / Local Road	1400	25
1322	210	425	0.727	12	1	Principal Arterial	1800	55
1323	425	210	0.727	12	1	Principal Arterial	1800	55
1324	211	779	1.48	12	1	Principal Arterial	1800	55
1325	779	211	1.48	12	1	Principal Arterial	1800	55
1326	429	611	1.55	12	1	Minor Arterial	1400	40
1327	611	429	1.55	12	1	Minor Arterial	1400	40
1328	122	434	0.121	12	1	Major Arterial	1600	55
1329	434	122	0.121	12	1	Major Arterial	1600	55
1330	108	453	0.518	11	1	Major Arterial	1600	35
1331	453	108	0.518	11	1	Major Arterial	1600	35
1332	437	438	1.915	12	2	Principal Arterial	3600	55
1333	438	437	1.915	12	2	Principal Arterial	3600	55
1334	448	449	1.026	12	1	Minor Arterial	1400	55
1335	449	448	1.026	12	1	Minor Arterial	1400	55
1336	201	450	3.047	12	1	Minor Arterial	1400	55
1337	450	201	3.047	12	1	Minor Arterial	1400	55
1338	154	932	0.586	12	2	Freeway	4100	70
1339	931	151	0.586	12	2	Freeway	4100	70
1340	452	663	0.144	11	1	Major Arterial	1600	35
1341	663	452	0.144	11	1	Major Arterial	1600	35
1342	454	815	0.839	12	1	Major Arterial	1600	45
1343	815	454	0.839	12	1	Major Arterial	1600	45
1344	209	459	7.953	11	1	Minor Arterial	1400	35
1345	459	209	7.953	11	1	Minor Arterial	1400	35
1346	142	460	0.201	12	2	Major Arterial	3200	45
1347	461	141	0.187	12	2	Major Arterial	3200	45
1348	722	461	0.639	12	2	Major Arterial	3200	45
1349	460	723	0.64	12	2	Major Arterial	3200	45
1350	474	935	0.294	12	1	Major Arterial	1600	50
1351	935	474	0.294	12	1	Major Arterial	1600	50
1352	478	479	0.218	11	2	Major Arterial	3200	30
1353	480	482	0.37	11	1	Major Arterial	1600	35
1354	482	480	0.37	11	1	Major Arterial	1600	35
1355	225	832	0.14	11	1	Major Arterial	1600	30
1356	832	485	0.219	11	1	Major Arterial	1600	30
1357	490	488	0.3	11	1	Principal Arterial	1800	30
1358	492	834	0.076	12	2	Principal Arterial	3600	45
1359	834	492	0.076	12	2	Principal Arterial	3600	45
1360	495	499	0.133	12	2	Principal Arterial	3600	40
1361	499	495	0.133	12	2	Principal Arterial	3600	40
1362	497	498	1.502	12	2	Principal Arterial	3600	45
1363	180	500	0.284	12	1	Principal Arterial	1800	45
1364	500	180	0.284	12	1	Principal Arterial	1800	45
1365	326	328	0.544	12	1	Major Arterial	1600	45
1366	328	326	0.544	12	1	Major Arterial	1600	45
1367	503	504	0.485	10	1	Collector / Local Road	1400	25

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
1368	504	503	0.485	10	1	Collector / Local Road	1400	25
1369	227	420	0.507	12	2	Major Arterial	3200	45
1370	420	227	0.507	12	2	Major Arterial	3200	45
1371	422	869	0.616	12	2	Principal Arterial	3600	40
1372	869	422	0.616	12	2	Principal Arterial	3600	40
1373	809	1007	0.609	10	1	Collector / Local Road	1400	25
1374	1007	809	0.609	10	1	Collector / Local Road	1400	25
1375	507	913	0.279	10	1	Collector / Local Road	1400	25
1376	913	507	0.279	10	1	Collector / Local Road	1400	25
1377	423	1023	2.482	10	1	Collector / Local Road	1400	25
1378	1023	423	2.482	10	1	Collector / Local Road	1400	25
1379	406	1021	1.896	10	1	Collector / Local Road	1400	25
1380	1021	406	1.896	10	1	Collector / Local Road	1400	25
1381	513	806	0.832	10	1	Collector / Local Road	1400	25
1382	806	513	0.832	10	1	Collector / Local Road	1400	25
1383	511	516	0.946	10	1	Collector / Local Road	1400	25
1384	516	511	0.946	10	1	Collector / Local Road	1400	25
1385	337	1006	1.456	10	1	Collector / Local Road	1400	25
1386	1006	337	1.456	10	1	Collector / Local Road	1400	25
1387	405	870	0.971	10	1	Collector / Local Road	1400	25
1388	870	405	0.971	10	1	Collector / Local Road	1400	25
1389	514	516	2.462	10	1	Collector / Local Road	1400	25
1390	516	514	2.462	10	1	Collector / Local Road	1400	25
1391	513	536	1.551	10	1	Collector / Local Road	1400	25
1392	536	513	1.551	10	1	Collector / Local Road	1400	25
1393	803	927	1.301	11	1	Minor Arterial	1400	35
1394	927	803	1.301	11	1	Minor Arterial	1400	35
1395	802	1022	1.998	10	1	Collector / Local Road	1400	25
1396	1022	802	1.998	10	1	Collector / Local Road	1400	25
1397	517	915	1.628	10	1	Collector / Local Road	1400	25
1398	915	517	1.628	10	1	Collector / Local Road	1400	25
1399	525	529	0.881	10	1	Collector / Local Road	1400	25
1400	529	525	0.881	10	1	Collector / Local Road	1400	25
1401	340	531	0.165	10	1	Collector / Local Road	1400	25
1402	531	340	0.165	10	1	Collector / Local Road	1400	25
1403	532	914	0.145	10	1	Collector / Local Road	1400	25
1404	914	532	0.145	10	1	Collector / Local Road	1400	25
1405	518	533	1.462	10	1	Collector / Local Road	1400	25
1406	533	518	1.462	10	1	Collector / Local Road	1400	25
1407	534	537	0.1	10	1	Collector / Local Road	1400	25
1408	537	534	0.1	10	1	Collector / Local Road	1400	25
1409	533	801	0.954	10	1	Collector / Local Road	1400	25
1410	801	533	0.954	10	1	Collector / Local Road	1400	25
1411	528	539	0.65	10	1	Collector / Local Road	1400	25
1412	539	528	0.65	10	1	Collector / Local Road	1400	25
1413	340	342	0.28	12	1	Principal Arterial	1800	40
1414	342	340	0.28	12	1	Principal Arterial	1800	40
1415	531	540	0.377	10	1	Collector / Local Road	1400	25
1416	540	531	0.377	10	1	Collector / Local Road	1400	25
1417	537	541	0.301	10	1	Collector / Local Road	1400	25
1418	541	537	0.301	10	1	Collector / Local Road	1400	25
1419	535	538	1.153	10	1	Collector / Local Road	1400	25
1420	538	535	1.153	10	1	Collector / Local Road	1400	25
1421	342	542	0.214	10	1	Collector / Local Road	1400	35
1422	542	342	0.214	10	1	Collector / Local Road	1400	35
1423	543	799	0.233	10	1	Collector / Local Road	1400	25
1424	799	543	0.233	10	1	Collector / Local Road	1400	25

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
1425	196	542	0.4	10	1	Collector / Local Road	1400	35
1426	542	196	0.4	10	1	Collector / Local Road	1400	35
1427	551	552	0.235	10	1	Collector / Local Road	1400	25
1428	552	551	0.235	10	1	Collector / Local Road	1400	25
1429	550	552	0.389	10	1	Collector / Local Road	1400	25
1430	552	550	0.389	10	1	Collector / Local Road	1400	25
1431	347	553	0.251	10	1	Collector / Local Road	1400	25
1432	553	347	0.251	10	1	Collector / Local Road	1400	25
1433	556	991	0.466	10	1	Collector / Local Road	1400	25
1434	991	556	0.466	10	1	Collector / Local Road	1400	25
1435	564	568	5.212	10	1	Collector / Local Road	1400	25
1436	568	564	5.212	10	1	Collector / Local Road	1400	25
1437	317	566	1.134	10	1	Collector / Local Road	1400	25
1438	566	317	1.134	10	1	Collector / Local Road	1400	25
1439	319	945	0.181	10	1	Collector / Local Road	1400	25
1440	945	319	0.181	10	1	Collector / Local Road	1400	25
1441	569	917	0.777	10	1	Collector / Local Road	1400	25
1442	917	569	0.777	10	1	Collector / Local Road	1400	25
1443	350	567	0.588	12	1	Major Arterial	1600	45
1444	567	350	0.588	12	1	Major Arterial	1600	45
1445	572	893	0.505	10	1	Collector / Local Road	1400	25
1446	893	572	0.505	10	1	Collector / Local Road	1400	25
1447	565	795	0.997	10	1	Collector / Local Road	1400	25
1448	795	565	0.997	10	1	Collector / Local Road	1400	25
1449	356	569	0.749	10	1	Collector / Local Road	1400	25
1450	569	356	0.749	10	1	Collector / Local Road	1400	25
1451	322	795	0.555	10	1	Collector / Local Road	1400	30
1452	795	322	0.555	10	1	Collector / Local Road	1400	30
1453	559	571	4.818	10	1	Collector / Local Road	1400	25
1454	571	559	4.818	10	1	Collector / Local Road	1400	25
1455	198	573	0.353	10	1	Collector / Local Road	1400	25
1456	573	198	0.353	10	1	Collector / Local Road	1400	25
1457	579	586	1.084	10	1	Collector / Local Road	1400	25
1458	586	579	1.084	10	1	Collector / Local Road	1400	25
1459	398	968	1.34	10	1	Collector / Local Road	1400	25
1460	968	398	1.34	10	1	Collector / Local Road	1400	25
1461	794	968	1.016	10	1	Collector / Local Road	1400	25
1462	968	794	1.016	10	1	Collector / Local Road	1400	25
1463	355	581	1.573	10	1	Collector / Local Road	1400	25
1464	581	355	1.573	10	1	Collector / Local Road	1400	25
1465	577	588	1.422	10	1	Collector / Local Road	1400	25
1466	588	577	1.422	10	1	Collector / Local Road	1400	25
1467	586	784	0.813	10	1	Collector / Local Road	1400	25
1468	784	586	0.813	10	1	Collector / Local Road	1400	25
1469	312	587	0.255	10	1	Collector / Local Road	1400	25
1470	587	312	0.255	10	1	Collector / Local Road	1400	25
1471	591	782	1.338	10	1	Collector / Local Road	1400	25
1472	782	591	1.338	10	1	Collector / Local Road	1400	25
1473	313	776	1.241	10	1	Collector / Local Road	1400	25
1474	776	313	1.241	10	1	Collector / Local Road	1400	25
1475	777	784	0.909	10	1	Collector / Local Road	1400	25
1476	784	777	0.909	10	1	Collector / Local Road	1400	25
1477	594	1019	0.805	10	1	Collector / Local Road	1400	25
1478	1019	594	0.805	10	1	Collector / Local Road	1400	25
1479	426	574	2.561	10	1	Collector / Local Road	1400	25
1480	574	426	2.561	10	1	Collector / Local Road	1400	25
1481	593	972	1.649	10	1	Collector / Local Road	1400	25

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
1482	972	593	1.649	10	1	Collector / Local Road	1400	25
1483	592	596	0.885	10	1	Collector / Local Road	1400	25
1484	596	592	0.885	10	1	Collector / Local Road	1400	25
1485	597	778	0.712	10	1	Collector / Local Road	1400	25
1486	778	597	0.712	10	1	Collector / Local Road	1400	25
1487	204	886	0.865	10	1	Collector / Local Road	1400	25
1488	886	204	0.865	10	1	Collector / Local Road	1400	25
1489	773	776	1.231	10	1	Collector / Local Road	1400	25
1490	776	773	1.231	10	1	Collector / Local Road	1400	25
1491	771	886	1.565	10	1	Collector / Local Road	1400	25
1492	886	771	1.565	10	1	Collector / Local Road	1400	25
1493	361	603	0.919	10	1	Collector / Local Road	1400	25
1494	603	361	0.919	10	1	Collector / Local Road	1400	25
1495	604	770	0.164	10	1	Collector / Local Road	1400	25
1496	770	604	0.164	10	1	Collector / Local Road	1400	25
1497	813	896	1.14	12	1	Minor Arterial	1400	55
1498	896	813	1.14	12	1	Minor Arterial	1400	55
1499	606	608	0.102	10	1	Collector / Local Road	1400	25
1500	608	606	0.102	10	1	Collector / Local Road	1400	25
1501	604	610	1.042	10	1	Collector / Local Road	1400	25
1502	610	604	1.042	10	1	Collector / Local Road	1400	25
1503	609	765	1.064	10	1	Collector / Local Road	1400	25
1504	765	609	1.064	10	1	Collector / Local Road	1400	25
1505	607	988	0.247	10	1	Collector / Local Road	1400	25
1506	988	607	0.247	10	1	Collector / Local Road	1400	25
1507	614	767	0.489	10	1	Collector / Local Road	1400	25
1508	767	614	0.489	10	1	Collector / Local Road	1400	25
1509	610	618	0.702	10	1	Collector / Local Road	1400	25
1510	618	610	0.702	10	1	Collector / Local Road	1400	25
1511	611	615	1.706	10	1	Collector / Local Road	1400	25
1512	615	611	1.706	10	1	Collector / Local Road	1400	25
1513	613	616	0.269	10	1	Collector / Local Road	1400	25
1514	616	613	0.269	10	1	Collector / Local Road	1400	25
1515	602	615	1.887	10	1	Collector / Local Road	1400	25
1516	615	602	1.887	10	1	Collector / Local Road	1400	25
1517	620	759	0.92	10	1	Collector / Local Road	1400	25
1518	759	620	0.92	10	1	Collector / Local Road	1400	25
1519	364	619	0.732	10	1	Collector / Local Road	1400	25
1520	619	364	0.732	10	1	Collector / Local Road	1400	25
1521	294	764	0.819	10	1	Collector / Local Road	1400	25
1522	764	294	0.819	10	1	Collector / Local Road	1400	25
1523	622	766	1.196	10	1	Collector / Local Road	1400	25
1524	766	622	1.196	10	1	Collector / Local Road	1400	25
1525	622	760	1.017	10	1	Collector / Local Road	1400	25
1526	760	622	1.017	10	1	Collector / Local Road	1400	25
1527	449	626	0.258	10	1	Collector / Local Road	1400	25
1528	626	449	0.258	10	1	Collector / Local Road	1400	25
1529	306	627	0.247	10	1	Collector / Local Road	1400	25
1530	627	306	0.247	10	1	Collector / Local Road	1400	25
1531	431	910	0.451	10	1	Collector / Local Road	1400	25
1532	910	431	0.451	10	1	Collector / Local Road	1400	25
1533	624	632	0.801	11	1	Minor Arterial	1400	35
1534	632	624	0.801	11	1	Minor Arterial	1400	35
1535	623	628	1.097	10	1	Collector / Local Road	1400	25
1536	628	623	1.097	10	1	Collector / Local Road	1400	25
1537	627	629	0.757	10	1	Collector / Local Road	1400	25
1538	629	627	0.757	10	1	Collector / Local Road	1400	25

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
1539	119	635	0.237	10	1	Collector / Local Road	1400	25
1540	635	119	0.237	10	1	Collector / Local Road	1400	25
1541	638	644	0.725	10	1	Collector / Local Road	1400	25
1542	644	638	0.725	10	1	Collector / Local Road	1400	25
1543	631	639	1.324	10	1	Collector / Local Road	1400	25
1544	639	631	1.324	10	1	Collector / Local Road	1400	25
1545	453	634	1.043	10	1	Collector / Local Road	1400	25
1546	634	453	1.043	10	1	Collector / Local Road	1400	25
1547	640	643	0.638	10	1	Collector / Local Road	1400	25
1548	643	640	0.638	10	1	Collector / Local Road	1400	25
1549	752	949	1.067	12	1	Principal Arterial	1800	55
1550	949	752	1.067	12	1	Principal Arterial	1800	55
1551	646	912	0.113	10	1	Collector / Local Road	1400	25
1552	912	646	0.113	10	1	Collector / Local Road	1400	25
1553	304	645	0.185	10	1	Collector / Local Road	1400	25
1554	645	304	0.185	10	1	Collector / Local Road	1400	25
1555	447	647	0.779	10	1	Collector / Local Road	1400	25
1556	647	447	0.779	10	1	Collector / Local Road	1400	25
1557	388	648	0.75	10	1	Collector / Local Road	1400	25
1558	648	388	0.75	10	1	Collector / Local Road	1400	25
1559	302	650	0.178	10	1	Collector / Local Road	1400	25
1560	650	302	0.178	10	1	Collector / Local Road	1400	25
1561	662	740	0.916	10	1	Collector / Local Road	1400	25
1562	740	662	0.916	10	1	Collector / Local Road	1400	25
1563	303	653	0.749	10	1	Collector / Local Road	1400	25
1564	653	303	0.749	10	1	Collector / Local Road	1400	25
1565	445	654	0.47	12	1	Minor Arterial	1400	55
1566	654	445	0.47	12	1	Minor Arterial	1400	55
1567	288	655	0.111	10	1	Collector / Local Road	1400	25
1568	655	288	0.111	10	1	Collector / Local Road	1400	25
1569	203	656	0.428	11	2	Principal Arterial	3600	35
1570	656	203	0.428	11	2	Principal Arterial	3600	35
1571	379	881	0.057	12	2	Principal Arterial	3600	45
1572	881	379	0.057	12	2	Principal Arterial	3600	45
1573	296	662	1.074	10	1	Collector / Local Road	1400	25
1574	662	296	1.074	10	1	Collector / Local Road	1400	25
1575	381	664	0.343	10	1	Collector / Local Road	1400	25
1576	664	381	0.343	10	1	Collector / Local Road	1400	25
1577	665	926	0.919	10	1	Collector / Local Road	1400	25
1578	926	665	0.919	10	1	Collector / Local Road	1400	25
1579	287	744	0.39	10	1	Collector / Local Road	1400	25
1580	744	287	0.39	10	1	Collector / Local Road	1400	25
1581	659	964	0.856	10	1	Collector / Local Road	1400	25
1582	964	659	0.856	10	1	Collector / Local Road	1400	25
1583	299	745	0.873	10	1	Collector / Local Road	1400	25
1584	745	299	0.873	10	1	Collector / Local Road	1400	25
1585	392	664	0.387	10	1	Collector / Local Road	1400	25
1586	664	392	0.387	10	1	Collector / Local Road	1400	25
1587	649	1029	3.131	10	1	Collector / Local Road	1400	25
1588	1029	649	3.131	10	1	Collector / Local Road	1400	25
1589	183	383	1.409	12	1	Principal Arterial	1800	45
1590	383	183	1.409	12	1	Principal Arterial	1800	45
1591	675	753	2.312	10	1	Collector / Local Road	1400	25
1592	753	675	2.312	10	1	Collector / Local Road	1400	25
1593	677	741	1.275	10	1	Collector / Local Road	1400	25
1594	741	677	1.275	10	1	Collector / Local Road	1400	25
1595	678	742	0.855	10	1	Collector / Local Road	1400	25

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
1596	742	678	0.855	10	1	Collector / Local Road	1400	25
1597	875	190	0.375	12	2	Principal Arterial	3600	45
1598	383	680	1.659	10	1	Collector / Local Road	1400	25
1599	680	383	1.659	10	1	Collector / Local Road	1400	25
1600	456	1029	0.725	10	1	Collector / Local Road	1400	25
1601	1029	456	0.725	10	1	Collector / Local Road	1400	25
1602	677	682	0.985	10	1	Collector / Local Road	1400	25
1603	682	677	0.985	10	1	Collector / Local Road	1400	25
1604	683	687	1.761	10	1	Collector / Local Road	1400	25
1605	687	683	1.761	10	1	Collector / Local Road	1400	25
1606	684	692	1.236	12	1	Collector / Local Road	1400	45
1607	692	684	1.236	12	1	Collector / Local Road	1400	45
1608	440	1015	1.926	10	1	Collector / Local Road	1400	25
1609	1015	440	1.926	10	1	Collector / Local Road	1400	25
1610	439	685	0.578	10	1	Collector / Local Road	1400	25
1611	685	439	0.578	10	1	Collector / Local Road	1400	25
1612	686	734	0.756	10	1	Collector / Local Road	1400	25
1613	734	686	0.756	10	1	Collector / Local Road	1400	25
1614	435	689	1.079	10	1	Collector / Local Road	1400	25
1615	689	435	1.079	10	1	Collector / Local Road	1400	25
1616	139	146	0.254	12	2	Principal Arterial	3600	50
1617	141	693	0.189	10	1	Collector / Local Road	1400	35
1618	693	141	0.189	10	1	Collector / Local Road	1400	35
1619	463	723	0.814	10	1	Collector / Local Road	1400	35
1620	723	463	0.814	10	1	Collector / Local Road	1400	35
1621	689	700	1.632	10	1	Collector / Local Road	1400	25
1622	700	689	1.632	10	1	Collector / Local Road	1400	25
1623	484	702	0.73	11	2	Principal Arterial	3600	35
1624	702	484	0.73	11	2	Principal Arterial	3600	35
1625	473	702	0.564	11	2	Principal Arterial	3600	35
1626	702	473	0.564	11	2	Principal Arterial	3600	35
1627	702	833	0.238	10	1	Collector / Local Road	1400	35
1628	833	702	0.238	10	1	Collector / Local Road	1400	35
1629	283	732	1.822	10	1	Collector / Local Road	1400	25
1630	732	283	1.822	10	1	Collector / Local Road	1400	25
1631	703	704	0.162	10	2	Collector / Local Road	2800	35
1632	704	703	0.162	10	2	Collector / Local Road	2800	35
1633	476	704	0.228	10	1	Collector / Local Road	1400	25
1634	704	478	0.221	10	2	Collector / Local Road	2800	35
1635	481	705	0.224	10	1	Collector / Local Road	1400	35
1636	705	481	0.224	10	1	Collector / Local Road	1400	35
1637	708	489	0.058	10	1	Collector / Local Road	1400	30
1638	712	938	0.563	10	1	Collector / Local Road	1400	25
1639	938	712	0.563	10	1	Collector / Local Road	1400	25
1640	483	712	0.273	10	1	Collector / Local Road	1400	25
1641	712	483	0.273	10	1	Collector / Local Road	1400	25
1642	482	483	0.874	12	1	Major Arterial	1600	40
1643	483	482	0.874	12	1	Major Arterial	1600	40
1644	284	713	1.259	10	1	Collector / Local Road	1400	25
1645	713	284	1.259	10	1	Collector / Local Road	1400	25
1646	711	714	1.102	12	1	Collector / Local Road	1400	45
1647	714	711	1.102	12	1	Collector / Local Road	1400	45
1648	213	714	2.428	12	1	Collector / Local Road	1400	45
1649	714	213	2.428	12	1	Collector / Local Road	1400	45
1650	174	823	0.15	11	2	Major Arterial	3200	35
1651	822	173	0.146	11	2	Major Arterial	3200	35
1652	835	1030	0.256	10	1	Collector / Local Road	1400	25

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
1653	1030	835	0.256	10	1	Collector / Local Road	1400	25
1654	494	179	0.611	12	1	Principal Arterial	1800	40
1655	189	191	0.427	12	2	Principal Arterial	3600	45
1656	632	721	0.529	10	1	Collector / Local Road	1400	25
1657	721	632	0.529	10	1	Collector / Local Road	1400	25
1658	699	701	0.538	10	1	Collector / Local Road	1400	30
1659	701	699	0.538	10	1	Collector / Local Road	1400	30
1660	475	935	0.638	12	1	Major Arterial	1600	40
1661	935	475	0.638	12	1	Major Arterial	1600	40
1662	95	90	0.24	11	1	Ramp	2050	35
1663	89	92	0.378	11	1	Ramp	2050	35
1664	418	15	0.77	12	2	Freeway	4100	65
1665	13	417	0.886	12	2	Freeway	4100	65
1666	174	221	1.507	12	1	Major Arterial	1600	45
1667	221	174	1.507	12	1	Major Arterial	1600	45
1668	715	729	2.519	10	1	Collector / Local Road	1400	25
1669	729	715	2.519	10	1	Collector / Local Road	1400	25
1670	700	711	3.226	10	1	Collector / Local Road	1400	25
1671	711	700	3.226	10	1	Collector / Local Road	1400	25
1672	695	732	1.158	10	1	Collector / Local Road	1400	25
1673	732	695	1.158	10	1	Collector / Local Road	1400	25
1674	697	710	1.169	12	1	Collector / Local Road	1400	45
1675	710	697	1.169	12	1	Collector / Local Road	1400	45
1676	729	730	0.205	10	1	Collector / Local Road	1400	25
1677	730	729	0.205	10	1	Collector / Local Road	1400	25
1678	688	732	1.412	10	1	Collector / Local Road	1400	25
1679	732	688	1.412	10	1	Collector / Local Road	1400	25
1680	691	697	1.001	12	1	Collector / Local Road	1400	45
1681	697	691	1.001	12	1	Collector / Local Road	1400	45
1682	692	735	1.491	10	1	Collector / Local Road	1400	25
1683	735	692	1.491	10	1	Collector / Local Road	1400	25
1684	443	684	0.803	12	1	Collector / Local Road	1400	45
1685	684	443	0.803	12	1	Collector / Local Road	1400	45
1686	737	904	0.933	10	1	Collector / Local Road	1400	25
1687	904	737	0.933	10	1	Collector / Local Road	1400	25
1688	673	738	1.225	10	1	Collector / Local Road	1400	25
1689	738	673	1.225	10	1	Collector / Local Road	1400	25
1690	379	660	0.716	10	1	Collector / Local Road	1400	40
1691	660	379	0.716	10	1	Collector / Local Road	1400	40
1692	385	660	0.549	10	1	Collector / Local Road	1400	40
1693	660	385	0.549	10	1	Collector / Local Road	1400	40
1694	643	659	2.32	10	1	Collector / Local Road	1400	25
1695	659	643	2.32	10	1	Collector / Local Road	1400	25
1696	644	883	2.993	10	1	Collector / Local Road	1400	25
1697	883	644	2.993	10	1	Collector / Local Road	1400	25
1698	758	883	0.699	12	2	Principal Arterial	3600	45
1699	883	758	0.699	12	2	Principal Arterial	3600	45
1700	638	755	1.587	10	1	Collector / Local Road	1400	25
1701	755	638	1.587	10	1	Collector / Local Road	1400	25
1702	432	647	2.778	10	1	Collector / Local Road	1400	25
1703	647	432	2.778	10	1	Collector / Local Road	1400	25
1704	433	646	0.875	10	1	Collector / Local Road	1400	25
1705	646	433	0.875	10	1	Collector / Local Road	1400	25
1706	628	638	0.611	10	1	Collector / Local Road	1400	25
1707	638	628	0.611	10	1	Collector / Local Road	1400	25
1708	633	649	2.5	10	1	Collector / Local Road	1400	25
1709	649	633	2.5	10	1	Collector / Local Road	1400	25

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
1710	375	628	1.528	10	1	Collector / Local Road	1400	25
1711	628	375	1.528	10	1	Collector / Local Road	1400	25
1712	624	760	0.974	10	1	Collector / Local Road	1400	25
1713	760	624	0.974	10	1	Collector / Local Road	1400	25
1714	306	307	0.4	12	1	Minor Arterial	1400	45
1715	307	306	0.4	12	1	Minor Arterial	1400	45
1716	231	612	2.576	10	1	Collector / Local Road	1400	25
1717	612	231	2.576	10	1	Collector / Local Road	1400	25
1718	616	621	0.519	10	1	Collector / Local Road	1400	25
1719	621	616	0.519	10	1	Collector / Local Road	1400	25
1720	609	614	1.452	10	1	Collector / Local Road	1400	25
1721	614	609	1.452	10	1	Collector / Local Road	1400	25
1722	617	773	1.901	10	1	Collector / Local Road	1400	25
1723	773	617	1.901	10	1	Collector / Local Road	1400	25
1724	603	780	1.199	10	1	Collector / Local Road	1400	25
1725	780	603	1.199	10	1	Collector / Local Road	1400	25
1726	593	769	3.001	11	1	Minor Arterial	1400	35
1727	769	593	3.001	11	1	Minor Arterial	1400	35
1728	782	885	3.006	10	1	Collector / Local Road	1400	25
1729	885	782	3.006	10	1	Collector / Local Road	1400	25
1730	781	919	0.286	10	1	Collector / Local Road	1400	25
1731	919	781	0.286	10	1	Collector / Local Road	1400	25
1732	840	952	0.163	12	1	Principal Arterial	1800	55
1733	952	840	0.163	12	1	Principal Arterial	1800	55
1734	785	1027	0.888	10	1	Collector / Local Road	1400	25
1735	1027	785	0.888	10	1	Collector / Local Road	1400	25
1736	581	586	0.509	10	1	Collector / Local Road	1400	25
1737	586	581	0.509	10	1	Collector / Local Road	1400	25
1738	211	793	2.54	10	1	Collector / Local Road	1400	25
1739	793	211	2.54	10	1	Collector / Local Road	1400	25
1740	321	1028	3.16	10	1	Collector / Local Road	1400	25
1741	1028	321	3.16	10	1	Collector / Local Road	1400	25
1742	427	794	1.966	10	1	Collector / Local Road	1400	25
1743	794	427	1.966	10	1	Collector / Local Road	1400	25
1744	563	574	1.832	10	1	Collector / Local Road	1400	25
1745	574	563	1.832	10	1	Collector / Local Road	1400	25
1746	352	983	0.673	12	2	Principal Arterial	3600	45
1747	983	352	0.673	12	2	Principal Arterial	3600	45
1748	397	404	4.448	12	1	Major Arterial	1600	45
1749	404	397	4.448	12	1	Major Arterial	1600	45
1750	348	551	0.155	10	1	Collector / Local Road	1400	25
1751	551	348	0.155	10	1	Collector / Local Road	1400	25
1752	346	539	1.224	10	1	Collector / Local Road	1400	25
1753	539	346	1.224	10	1	Collector / Local Road	1400	25
1754	531	804	0.245	10	1	Collector / Local Road	1400	25
1755	804	531	0.245	10	1	Collector / Local Road	1400	25
1756	520	805	0.806	10	1	Collector / Local Road	1400	25
1757	805	520	0.806	10	1	Collector / Local Road	1400	25
1758	405	407	0.775	12	1	Major Arterial	1600	55
1759	407	405	0.775	12	1	Major Arterial	1600	55
1760	281	808	5.327	12	2	Principal Arterial	3600	45
1761	808	281	5.327	12	2	Principal Arterial	3600	45
1762	671	742	0.547	10	1	Collector / Local Road	1400	25
1763	742	671	0.547	10	1	Collector / Local Road	1400	25
1764	391	393	0.915	10	1	Collector / Local Road	1400	30
1765	393	391	0.915	10	1	Collector / Local Road	1400	30
1766	103	452	4.045	12	1	Major Arterial	1600	55

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
1767	452	103	4.045	12	1	Major Arterial	1600	55
1768	143	139	0.279	12	2	Principal Arterial	3600	50
1769	479	225	0.144	11	2	Major Arterial	3200	30
1770	698	699	0.137	10	1	Collector / Local Road	1400	30
1771	699	698	0.137	10	1	Collector / Local Road	1400	30
1772	694	698	0.423	10	1	Collector / Local Road	1400	35
1773	698	694	0.423	10	1	Collector / Local Road	1400	35
1774	474	699	1.35	10	1	Collector / Local Road	1400	40
1775	699	474	1.35	10	1	Collector / Local Road	1400	40
1776	493	494	0.661	12	1	Principal Arterial	1800	40
1777	494	493	0.661	12	1	Principal Arterial	1800	40
1778	498	726	0.695	11	1	Principal Arterial	1800	35
1779	837	836	1.493	12	2	Principal Arterial	3600	45
1780	835	837	0.694	11	1	Principal Arterial	1800	35
1781	790	842	0.231	12	1	Principal Arterial	1800	55
1782	842	790	0.231	12	1	Principal Arterial	1800	55
1783	814	843	0.222	12	1	Major Arterial	1600	45
1784	843	814	0.222	12	1	Major Arterial	1600	45
1785	301	747	1.59	12	1	Principal Arterial	1800	55
1786	747	301	1.59	12	1	Principal Arterial	1800	55
1787	651	747	0.327	12	1	Principal Arterial	1800	55
1788	747	651	0.327	12	1	Principal Arterial	1800	55
1789	115	949	0.662	12	1	Principal Arterial	1800	55
1790	949	115	0.662	12	1	Principal Arterial	1800	55
1791	298	845	0.6	12	2	Principal Arterial	3600	45
1792	845	298	0.6	12	2	Principal Arterial	3600	45
1793	327	848	0.482	12	2	Major Arterial	3200	45
1794	848	327	0.482	12	2	Major Arterial	3200	45
1795	861	44	0.089	12	2	Minor Arterial	2800	40
1796	74	73	0.188	11	1	Major Arterial	1600	35
1797	977	865	0.263	12	2	Principal Arterial	3600	40
1798	506	868	0.218	12	2	Principal Arterial	3600	45
1799	868	506	0.218	12	2	Principal Arterial	3600	45
1800	503	506	1.152	12	1	Principal Arterial	1800	45
1801	506	503	1.152	12	1	Principal Arterial	1800	45
1802	71	978	0.202	12	2	Principal Arterial	3600	40
1803	326	856	1.012	12	1	Principal Arterial	1800	45
1804	856	326	1.012	12	1	Principal Arterial	1800	45
1805	325	326	0.518	12	1	Principal Arterial	1800	45
1806	326	325	0.518	12	1	Principal Arterial	1800	45
1807	415	873	0.283	11	1	Major Arterial	1600	30
1808	873	415	0.283	11	1	Major Arterial	1600	30
1809	5	419	0.724	11	1	Major Arterial	1600	25
1810	419	5	0.724	11	1	Major Arterial	1600	25
1811	49	28	1.864	12	2	Freeway	4100	65
1812	34	58	1.84	12	2	Freeway	4100	65
1813	76	799	0.864	12	1	Principal Arterial	1800	40
1814	799	76	0.864	12	1	Principal Arterial	1800	40
1815	344	527	0.44	12	2	Principal Arterial	3600	40
1816	527	344	0.44	12	2	Principal Arterial	3600	40
1817	349	567	0.931	12	1	Major Arterial	1600	45
1818	567	349	0.931	12	1	Major Arterial	1600	45
1819	583	785	1.242	12	1	Principal Arterial	1800	40
1820	785	583	1.242	12	1	Principal Arterial	1800	40
1821	393	975	0.46	12	1	Principal Arterial	1800	45
1822	975	393	0.46	12	1	Principal Arterial	1800	45
1823	372	373	0.338	12	2	Principal Arterial	3600	55

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
1824	373	372	0.338	12	2	Principal Arterial	3600	55
1825	76	354	0.457	12	2	Principal Arterial	3600	45
1826	354	76	0.457	12	2	Principal Arterial	3600	45
1827	988	1024	0.503	10	1	Collector / Local Road	1400	25
1828	1024	988	0.503	10	1	Collector / Local Road	1400	25
1829	566	890	0.229	10	1	Collector / Local Road	1400	25
1830	890	566	0.229	10	1	Collector / Local Road	1400	25
1831	183	133	0.686	12	2	Principal Arterial	3600	45
1832	380	132	0.078	12	2	Principal Arterial	3600	45
1833	133	666	0.06	12	3	Principal Arterial	5400	45
1834	380	135	0.139	11	1	Principal Arterial	1800	30
1835	135	132	0.066	11	1	Principal Arterial	1800	30
1836	17	979	0.412	12	2	Principal Arterial	3600	45
1837	7	17	0.251	12	2	Principal Arterial	3600	45
1838	399	400	1.428	11	1	Major Arterial	1600	30
1839	400	399	1.428	11	1	Major Arterial	1600	30
1840	101	403	1.044	12	1	Major Arterial	1600	40
1841	403	101	1.044	12	1	Major Arterial	1600	40
1842	572	891	0.586	10	1	Collector / Local Road	1400	25
1843	891	572	0.586	10	1	Collector / Local Road	1400	25
1844	790	841	0.348	12	1	Principal Arterial	1800	55
1845	841	790	0.348	12	1	Principal Arterial	1800	55
1846	631	898	2.416	10	1	Collector / Local Road	1400	25
1847	898	631	2.416	10	1	Collector / Local Road	1400	25
1848	305	637	0.734	10	1	Collector / Local Road	1400	25
1849	637	305	0.734	10	1	Collector / Local Road	1400	25
1850	673	901	0.843	10	1	Collector / Local Road	1400	25
1851	901	673	0.843	10	1	Collector / Local Road	1400	25
1852	688	909	1.124	10	1	Collector / Local Road	1400	25
1853	909	688	1.124	10	1	Collector / Local Road	1400	25
1854	683	909	0.389	10	1	Collector / Local Road	1400	25
1855	909	683	0.389	10	1	Collector / Local Road	1400	25
1856	681	905	0.555	10	1	Collector / Local Road	1400	25
1857	905	681	0.555	10	1	Collector / Local Road	1400	25
1858	318	887	1.832	12	1	Minor Arterial	1400	45
1859	887	318	1.832	12	1	Minor Arterial	1400	45
1860	637	750	1.065	10	1	Collector / Local Road	1400	25
1861	750	637	1.065	10	1	Collector / Local Road	1400	25
1862	743	902	2.433	12	1	Major Arterial	1600	55
1863	902	743	2.433	12	1	Major Arterial	1600	55
1864	853	854	0.702	12	1	Major Arterial	1600	50
1865	854	853	0.702	12	1	Major Arterial	1600	50
1866	167	491	0.872	12	1	Principal Arterial	1800	45
1867	491	167	0.872	12	1	Principal Arterial	1800	45
1868	698	722	0.64	10	1	Collector / Local Road	1400	35
1869	722	698	0.64	10	1	Collector / Local Road	1400	35
1870	397	398	1.818	12	1	Major Arterial	1600	45
1871	398	397	1.818	12	1	Major Arterial	1600	45
1872	910	1018	1.113	10	1	Collector / Local Road	1400	25
1873	1018	910	1.113	10	1	Collector / Local Road	1400	25
1874	671	911	0.733	10	1	Collector / Local Road	1400	35
1875	911	671	0.733	10	1	Collector / Local Road	1400	35
1876	676	742	0.794	10	1	Collector / Local Road	1400	25
1877	742	676	0.794	10	1	Collector / Local Road	1400	25
1878	710	716	1.14	10	1	Collector / Local Road	1400	25
1879	716	710	1.14	10	1	Collector / Local Road	1400	25
1880	718	970	4.906	12	1	Major Arterial	1600	55

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
1881	970	718	4.906	12	1	Major Arterial	1600	55
1882	330	331	0.7	12	1	Principal Arterial	1800	55
1883	331	330	0.7	12	1	Principal Arterial	1800	55
1884	140	435	5.733	12	2	Principal Arterial	3600	55
1885	435	140	5.733	12	2	Principal Arterial	3600	55
1886	800	803	1.796	11	1	Minor Arterial	1400	35
1887	803	800	1.796	11	1	Minor Arterial	1400	35
1888	800	808	6.386	10	1	Collector / Local Road	1400	25
1889	808	800	6.386	10	1	Collector / Local Road	1400	25
1890	548	800	1.087	11	1	Minor Arterial	1400	35
1891	800	548	1.087	11	1	Minor Arterial	1400	35
1892	404	798	3.466	10	1	Collector / Local Road	1400	25
1893	798	404	3.466	10	1	Collector / Local Road	1400	25
1894	206	423	0.626	12	2	Principal Arterial	3600	55
1895	423	206	0.626	12	2	Principal Arterial	3600	55
1896	334	913	0.385	12	1	Principal Arterial	1800	55
1897	913	334	0.385	12	1	Principal Arterial	1800	55
1898	334	335	2.26	12	1	Principal Arterial	1800	55
1899	335	334	2.26	12	1	Principal Arterial	1800	55
1900	335	510	0.493	12	1	Principal Arterial	1800	45
1901	510	335	0.493	12	1	Principal Arterial	1800	45
1902	522	878	2.046	12	1	Principal Arterial	1800	45
1903	878	522	2.046	12	1	Principal Arterial	1800	45
1904	532	547	0.722	10	1	Collector / Local Road	1400	25
1905	547	532	0.722	10	1	Collector / Local Road	1400	25
1906	545	546	2.244	10	1	Collector / Local Road	1400	25
1907	546	545	2.244	10	1	Collector / Local Road	1400	25
1908	549	991	1.099	10	1	Collector / Local Road	1400	25
1909	991	549	1.099	10	1	Collector / Local Road	1400	25
1910	546	991	1.843	10	1	Collector / Local Road	1400	25
1911	991	546	1.843	10	1	Collector / Local Road	1400	25
1912	570	917	1.888	10	1	Collector / Local Road	1400	25
1913	917	570	1.888	10	1	Collector / Local Road	1400	25
1914	355	569	0.904	10	1	Collector / Local Road	1400	25
1915	569	355	0.904	10	1	Collector / Local Road	1400	25
1916	349	560	0.619	10	1	Collector / Local Road	1400	25
1917	560	349	0.619	10	1	Collector / Local Road	1400	25
1918	527	877	1.158	12	2	Principal Arterial	3600	55
1919	877	527	1.158	12	2	Principal Arterial	3600	55
1920	918	998	1.102	12	1	Principal Arterial	1800	40
1921	998	918	1.102	12	1	Principal Arterial	1800	40
1922	589	786	1.104	10	1	Collector / Local Road	1400	25
1923	786	589	1.104	10	1	Collector / Local Road	1400	25
1924	360	361	0.916	12	1	Minor Arterial	1400	55
1925	361	360	0.916	12	1	Minor Arterial	1400	55
1926	598	781	0.482	10	1	Collector / Local Road	1400	25
1927	781	598	0.482	10	1	Collector / Local Road	1400	25
1928	598	600	1.054	10	1	Collector / Local Road	1400	25
1929	600	598	1.054	10	1	Collector / Local Road	1400	25
1930	600	606	0.777	10	1	Collector / Local Road	1400	25
1931	606	600	0.777	10	1	Collector / Local Road	1400	25
1932	204	370	2.388	12	2	Principal Arterial	3600	55
1933	370	204	2.388	12	2	Principal Arterial	3600	55
1934	784	923	0.651	10	1	Collector / Local Road	1400	25
1935	923	784	0.651	10	1	Collector / Local Road	1400	25
1936	363	765	1.856	10	1	Collector / Local Road	1400	25
1937	765	363	1.856	10	1	Collector / Local Road	1400	25

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
1938	367	761	1.104	10	1	Collector / Local Road	1400	25
1939	761	367	1.104	10	1	Collector / Local Road	1400	25
1940	882	925	0.743	10	1	Collector / Local Road	1400	25
1941	925	882	0.743	10	1	Collector / Local Road	1400	25
1942	652	664	0.533	10	1	Collector / Local Road	1400	25
1943	664	652	0.533	10	1	Collector / Local Road	1400	25
1944	648	739	3.118	10	1	Collector / Local Road	1400	25
1945	739	648	3.118	10	1	Collector / Local Road	1400	25
1946	386	926	1.323	10	1	Collector / Local Road	1400	25
1947	926	386	1.323	10	1	Collector / Local Road	1400	25
1948	648	749	0.641	10	1	Collector / Local Road	1400	25
1949	749	648	0.641	10	1	Collector / Local Road	1400	25
1950	507	508	1.372	10	1	Collector / Local Road	1400	25
1951	508	507	1.372	10	1	Collector / Local Road	1400	25
1952	512	524	1.354	12	2	Principal Arterial	3600	55
1953	524	512	1.354	12	2	Principal Arterial	3600	55
1954	350	351	1.345	12	1	Principal Arterial	1800	55
1955	351	350	1.345	12	1	Principal Arterial	1800	55
1956	367	642	1.073	12	1	Minor Arterial	1400	45
1957	642	367	1.073	12	1	Minor Arterial	1400	45
1958	193	195	0.117	11	1	Principal Arterial	1800	30
1959	371	372	0.698	12	2	Principal Arterial	3600	55
1960	372	371	0.698	12	2	Principal Arterial	3600	55
1961	876	884	0.178	12	1	Principal Arterial	1800	45
1962	884	876	0.178	12	1	Principal Arterial	1800	45
1963	582	999	0.647	10	1	Collector / Local Road	1400	25
1964	999	582	0.647	10	1	Collector / Local Road	1400	25
1965	250	240	0.458	12	2	Principal Arterial	3600	60
1966	239	241	3.01	12	2	Principal Arterial	3600	60
1967	240	278	3.015	12	2	Principal Arterial	3600	60
1968	257	265	1.212	12	1	Collector / Local Road	1400	45
1969	265	257	1.212	12	1	Collector / Local Road	1400	45
1970	264	271	1.323	12	1	Minor Arterial	1400	40
1971	271	264	1.323	12	1	Minor Arterial	1400	40
1972	218	97	3.943	12	2	Freeway	4100	70
1973	96	216	3.86	12	2	Freeway	4100	70
1974	929	219	3.003	12	2	Freeway	4100	70
1975	171	930	3.102	12	2	Freeway	4100	70
1976	212	171	0.6	12	2	Freeway	4100	70
1977	223	931	5.367	12	2	Freeway	4100	70
1978	932	212	5.289	12	2	Freeway	4100	70
1979	152	131	2.887	12	2	Freeway	4100	70
1980	125	144	2.872	12	2	Freeway	4100	70
1981	131	128	0.527	12	2	Freeway	4100	70
1982	332	913	10.639	12	1	Principal Arterial	1800	55
1983	913	332	10.639	12	1	Principal Arterial	1800	55
1984	332	850	2.233	12	1	Principal Arterial	1800	40
1985	850	332	2.233	12	1	Principal Arterial	1800	40
1986	849	858	0.601	12	2	Principal Arterial	3600	45
1987	858	849	0.601	12	2	Principal Arterial	3600	45
1988	23	933	0.361	12	1	Principal Arterial	1800	40
1989	933	23	0.361	12	1	Principal Arterial	1800	40
1990	331	933	1.244	12	1	Principal Arterial	1800	55
1991	933	331	1.244	12	1	Principal Arterial	1800	55
1992	46	808	10.684	12	2	Principal Arterial	3600	45
1993	808	46	10.684	12	2	Principal Arterial	3600	45
1994	329	501	0.464	12	1	Major Arterial	1600	45

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
1995	501	329	0.464	12	1	Major Arterial	1600	45
1996	328	501	0.296	12	2	Major Arterial	3200	40
1997	501	328	0.296	12	2	Major Arterial	3200	40
1998	501	934	0.058	10	1	Collector / Local Road	1400	25
1999	934	501	0.058	10	1	Collector / Local Road	1400	25
2000	505	851	1.812	12	1	Major Arterial	1600	45
2001	851	505	1.812	12	1	Major Arterial	1600	45
2002	852	853	0.363	12	2	Major Arterial	3200	40
2003	853	852	0.363	12	2	Major Arterial	3200	40
2004	326	327	1.419	12	1	Major Arterial	1600	45
2005	327	326	1.419	12	1	Major Arterial	1600	45
2006	788	800	8.222	10	1	Collector / Local Road	1400	25
2007	800	788	8.222	10	1	Collector / Local Road	1400	25
2008	548	593	7.589	11	1	Minor Arterial	1400	35
2009	593	548	7.589	11	1	Minor Arterial	1400	35
2010	718	826	0.098	12	1	Major Arterial	1600	45
2011	826	718	0.098	12	1	Major Arterial	1600	45
2012	137	474	1.197	12	1	Major Arterial	1600	50
2013	474	137	1.197	12	1	Major Arterial	1600	50
2014	821	824	0.688	11	1	Major Arterial	1600	35
2015	824	821	0.688	11	1	Major Arterial	1600	35
2016	468	470	3.973	12	2	Major Arterial	3200	55
2017	706	711	0.35	12	1	Collector / Local Road	1400	45
2018	711	706	0.35	12	1	Collector / Local Road	1400	45
2019	471	469	3.975	12	2	Major Arterial	3200	55
2020	164	488	0.327	12	2	Principal Arterial	3600	45
2021	488	164	0.327	12	1	Principal Arterial	1800	45
2022	165	473	0.552	12	2	Principal Arterial	3600	45
2023	473	165	0.552	12	2	Principal Arterial	3600	45
2024	165	475	0.716	11	1	Major Arterial	1600	30
2025	475	165	0.716	11	1	Major Arterial	1600	30
2026	225	481	0.614	11	1	Major Arterial	1600	30
2027	481	225	0.614	11	1	Major Arterial	1600	30
2028	318	941	0.625	10	1	Collector / Local Road	1400	25
2029	941	318	0.625	10	1	Collector / Local Road	1400	25
2030	887	888	0.474	10	1	Collector / Local Road	1400	25
2031	888	887	0.474	10	1	Collector / Local Road	1400	25
2032	319	890	1.574	10	1	Collector / Local Road	1400	25
2033	890	319	1.574	10	1	Collector / Local Road	1400	25
2034	554	561	1.281	10	1	Collector / Local Road	1400	25
2035	561	554	1.281	10	1	Collector / Local Road	1400	25
2036	534	802	1.33	10	1	Collector / Local Road	1400	25
2037	802	534	1.33	10	1	Collector / Local Road	1400	25
2038	324	801	1.755	12	1	Major Arterial	1600	55
2039	801	324	1.755	12	1	Major Arterial	1600	55
2040	541	562	1.682	10	1	Collector / Local Road	1400	25
2041	562	541	1.682	10	1	Collector / Local Road	1400	25
2042	407	518	1.856	10	1	Collector / Local Road	1400	30
2043	518	407	1.856	10	1	Collector / Local Road	1400	30
2044	812	944	0.867	10	1	Collector / Local Road	1400	25
2045	944	812	0.867	10	1	Collector / Local Road	1400	25
2046	323	561	1.236	10	1	Collector / Local Road	1400	25
2047	561	323	1.236	10	1	Collector / Local Road	1400	25
2048	322	323	1.527	12	1	Major Arterial	1600	55
2049	323	322	1.527	12	1	Major Arterial	1600	55
2050	317	555	1.145	12	1	Minor Arterial	1400	45
2051	555	317	1.145	12	1	Minor Arterial	1400	45

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
2052	202	946	0.481	10	1	Collector / Local Road	1400	25
2053	946	202	0.481	10	1	Collector / Local Road	1400	25
2054	207	947	2.466	12	1	Minor Arterial	1400	45
2055	947	207	2.466	12	1	Minor Arterial	1400	45
2056	587	948	0.504	10	1	Collector / Local Road	1400	25
2057	948	587	0.504	10	1	Collector / Local Road	1400	25
2058	88	585	0.549	12	1	Principal Arterial	1800	40
2059	585	88	0.549	12	1	Principal Arterial	1800	40
2060	47	505	3.929	12	1	Major Arterial	1600	45
2061	505	47	3.929	12	1	Major Arterial	1600	45
2062	651	752	0.761	12	1	Principal Arterial	1800	55
2063	752	651	0.761	12	1	Principal Arterial	1800	55
2064	653	751	0.687	10	1	Collector / Local Road	1400	25
2065	751	653	0.687	10	1	Collector / Local Road	1400	25
2066	637	843	0.829	12	1	Major Arterial	1600	45
2067	843	637	0.829	12	1	Major Arterial	1600	45
2068	309	950	0.401	10	1	Collector / Local Road	1400	25
2069	950	309	0.401	10	1	Collector / Local Road	1400	25
2070	814	950	0.17	10	1	Collector / Local Road	1400	25
2071	950	814	0.17	10	1	Collector / Local Road	1400	25
2072	291	309	0.333	12	1	Minor Arterial	1400	45
2073	309	291	0.333	12	1	Minor Arterial	1400	45
2074	177	494	0.609	12	1	Principal Arterial	1800	40
2075	836	496	0.204	12	1	Principal Arterial	1800	45
2076	496	497	0.193	12	1	Principal Arterial	1800	45
2077	791	795	1.02	10	1	Collector / Local Road	1400	30
2078	795	791	1.02	10	1	Collector / Local Road	1400	30
2079	322	839	2.334	12	1	Major Arterial	1600	55
2080	839	322	2.334	12	1	Major Arterial	1600	55
2081	953	954	0.379	10	1	Collector / Local Road	1400	25
2082	954	953	0.379	10	1	Collector / Local Road	1400	25
2083	605	898	1.347	10	1	Collector / Local Road	1400	25
2084	898	605	1.347	10	1	Collector / Local Road	1400	25
2085	764	898	0.925	10	1	Collector / Local Road	1400	25
2086	898	764	0.925	10	1	Collector / Local Road	1400	25
2087	754	757	0.936	10	1	Collector / Local Road	1400	25
2088	757	754	0.936	10	1	Collector / Local Road	1400	25
2089	740	757	1.34	10	1	Collector / Local Road	1400	25
2090	757	740	1.34	10	1	Collector / Local Road	1400	25
2091	293	294	0.547	12	1	Major Arterial	1600	55
2092	294	293	0.547	12	1	Major Arterial	1600	55
2093	657	955	1.061	10	1	Collector / Local Road	1400	25
2094	955	657	1.061	10	1	Collector / Local Road	1400	25
2095	295	444	0.149	12	2	Principal Arterial	3600	55
2096	444	295	0.149	12	2	Principal Arterial	3600	55
2097	690	956	1.132	10	1	Collector / Local Road	1400	25
2098	956	690	1.132	10	1	Collector / Local Road	1400	25
2099	283	284	1.777	12	1	Major Arterial	1600	55
2100	284	283	1.777	12	1	Major Arterial	1600	55
2101	734	957	1.716	12	1	Major Arterial	1600	55
2102	957	734	1.716	12	1	Major Arterial	1600	55
2103	695	957	1.287	10	1	Collector / Local Road	1400	25
2104	957	695	1.287	10	1	Collector / Local Road	1400	25
2105	283	847	3.798	12	1	Major Arterial	1600	55
2106	847	283	3.798	12	1	Major Arterial	1600	55
2107	905	907	0.16	10	1	Collector / Local Road	1400	25
2108	907	905	0.16	10	1	Collector / Local Road	1400	25

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
2109	905	959	1.57	10	1	Collector / Local Road	1400	25
2110	959	905	1.57	10	1	Collector / Local Road	1400	25
2111	508	803	10.215	10	1	Collector / Local Road	1400	25
2112	803	508	10.215	10	1	Collector / Local Road	1400	25
2113	159	722	0.6	12	2	Major Arterial	3200	45
2114	163	484	0.188	11	2	Principal Arterial	3600	35
2115	166	834	0.416	12	2	Principal Arterial	3600	45
2116	834	167	0.422	12	2	Principal Arterial	3600	45
2117	496	838	2.285	12	1	Principal Arterial	1800	45
2118	838	496	2.285	12	1	Principal Arterial	1800	45
2119	129	138	1.9	12	1	Major Arterial	1600	55
2120	138	129	1.9	12	1	Major Arterial	1600	55
2121	502	503	0.271	12	1	Principal Arterial	1800	45
2122	503	502	0.271	12	1	Principal Arterial	1800	45
2123	208	677	1.384	10	1	Collector / Local Road	1400	25
2124	677	208	1.384	10	1	Collector / Local Road	1400	25
2125	438	675	1.782	10	1	Collector / Local Road	1400	25
2126	675	438	1.782	10	1	Collector / Local Road	1400	25
2127	441	963	1.964	10	1	Collector / Local Road	1400	25
2128	963	441	1.964	10	1	Collector / Local Road	1400	25
2129	654	911	1.237	12	1	Minor Arterial	1400	55
2130	911	654	1.237	12	1	Minor Arterial	1400	55
2131	433	434	3.073	12	1	Minor Arterial	1400	40
2132	434	433	3.073	12	1	Minor Arterial	1400	40
2133	453	818	1.78	11	1	Major Arterial	1600	35
2134	818	453	1.78	11	1	Major Arterial	1600	35
2135	691	729	1.847	10	1	Collector / Local Road	1400	25
2136	729	691	1.847	10	1	Collector / Local Road	1400	25
2137	26	419	1.269	12	2	Minor Arterial	2800	40
2138	419	26	1.269	12	2	Minor Arterial	2800	40
2139	442	964	1.557	10	1	Collector / Local Road	1400	25
2140	964	442	1.557	10	1	Collector / Local Road	1400	25
2141	575	580	1.259	10	1	Collector / Local Road	1400	25
2142	580	575	1.259	10	1	Collector / Local Road	1400	25
2143	412	413	1.136	12	1	Major Arterial	1600	55
2144	413	412	1.136	12	1	Major Arterial	1600	55
2145	408	966	0.955	12	1	Major Arterial	1600	55
2146	966	408	0.955	12	1	Major Arterial	1600	55
2147	633	910	2.775	10	1	Collector / Local Road	1400	25
2148	910	633	2.775	10	1	Collector / Local Road	1400	25
2149	602	612	1.058	10	1	Collector / Local Road	1400	25
2150	612	602	1.058	10	1	Collector / Local Road	1400	25
2151	674	748	1.018	10	1	Collector / Local Road	1400	25
2152	748	674	1.018	10	1	Collector / Local Road	1400	25
2153	426	594	1.442	12	1	Principal Arterial	1800	55
2154	594	426	1.442	12	1	Principal Arterial	1800	55
2155	713	728	7.48	10	1	Collector / Local Road	1400	25
2156	728	713	7.48	10	1	Collector / Local Road	1400	25
2157	672	816	0.85	11	1	Major Arterial	1600	35
2158	816	672	0.85	11	1	Major Arterial	1600	35
2159	164	962	4.215	11	1	Minor Arterial	1400	35
2160	962	164	4.215	11	1	Minor Arterial	1400	35
2161	492	493	6.233	12	1	Principal Arterial	1800	45
2162	493	492	6.233	12	1	Principal Arterial	1800	45
2163	409	412	9.423	12	1	Minor Arterial	1400	45
2164	412	409	9.423	12	1	Minor Arterial	1400	45
2165	489	725	0.259	11	2	Principal Arterial	3600	30

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
2166	176	495	1.25	12	2	Principal Arterial	3600	40
2167	495	176	1.25	12	2	Principal Arterial	3600	40
2168	406	408	6.496	12	1	Major Arterial	1600	55
2169	408	406	6.496	12	1	Major Arterial	1600	55
2170	75	422	2.337	12	2	Principal Arterial	3600	40
2171	422	75	2.337	12	2	Principal Arterial	3600	40
2172	3	7	1.39	12	2	Principal Arterial	3600	45
2173	6	4	1.335	12	2	Principal Arterial	3600	45
2174	469	724	0.345	12	2	Major Arterial	3200	45
2175	709	468	0.335	12	2	Major Arterial	3200	45
2176	937	162	1.091	12	2	Major Arterial	3200	45
2177	141	137	1.215	12	2	Major Arterial	3200	45
2178	138	459	1.194	12	2	Major Arterial	3200	45
2179	455	138	0.364	12	1	Major Arterial	1600	55
2180	137	727	0.364	12	1	Major Arterial	1600	55
2181	456	455	0.905	12	1	Major Arterial	1600	55
2182	727	457	0.898	12	1	Major Arterial	1600	55
2183	499	835	1.148	12	2	Principal Arterial	3600	55
2184	726	499	1.141	12	2	Principal Arterial	3600	55
2185	491	838	3.989	12	2	Principal Arterial	3600	45
2186	838	491	3.989	12	2	Principal Arterial	3600	45
2187	484	158	0.168	11	2	Principal Arterial	3600	35
2188	466	465	0.79	12	2	Principal Arterial	3600	45
2189	462	463	0.417	12	2	Principal Arterial	3600	45
2190	149	467	1.046	12	2	Principal Arterial	3600	50
2191	464	215	1.026	12	2	Principal Arterial	3600	50
2192	557	798	6.668	10	1	Collector / Local Road	1400	25
2193	798	557	6.668	10	1	Collector / Local Road	1400	25
2194	91	211	1.423	12	1	Principal Arterial	1800	55
2195	211	91	1.423	12	1	Principal Arterial	1800	55
2196	425	971	0.987	12	1	Principal Arterial	1800	55
2197	971	425	0.987	12	1	Principal Arterial	1800	55
2198	410	802	1.842	12	1	Minor Arterial	1400	45
2199	802	410	1.842	12	1	Minor Arterial	1400	45
2200	782	972	1.207	10	1	Collector / Local Road	1400	25
2201	972	782	1.207	10	1	Collector / Local Road	1400	25
2202	871	981	1.041	12	1	Major Arterial	1600	45
2203	981	871	1.041	12	1	Major Arterial	1600	45
2204	65	419	2.415	11	1	Major Arterial	1600	35
2205	419	65	2.415	11	1	Major Arterial	1600	35
2206	65	974	0.155	12	2	Major Arterial	3200	45
2207	974	64	0.153	12	2	Major Arterial	3200	45
2208	282	394	6.779	12	1	Principal Arterial	1800	45
2209	394	282	6.779	12	1	Principal Arterial	1800	45
2210	414	873	1.099	11	1	Major Arterial	1600	35
2211	873	414	1.099	11	1	Major Arterial	1600	35
2212	226	414	0.58	12	1	Major Arterial	1600	45
2213	414	226	0.58	12	1	Major Arterial	1600	45
2214	414	416	1.605	12	1	Major Arterial	1600	45
2215	416	414	1.605	12	1	Major Arterial	1600	45
2216	377	378	0.21	12	2	Principal Arterial	3600	45
2217	378	377	0.21	12	2	Principal Arterial	3600	45
2218	630	720	2.479	10	1	Collector / Local Road	1400	25
2219	720	630	2.479	10	1	Collector / Local Road	1400	25
2220	227	42	0.709	12	2	Major Arterial	3200	45
2221	45	227	0.764	12	2	Major Arterial	3200	45
2222	690	730	1.794	10	1	Collector / Local Road	1400	25

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
2223	730	690	1.794	10	1	Collector / Local Road	1400	25
2224	376	882	0.795	12	2	Principal Arterial	3600	55
2225	882	376	0.795	12	2	Principal Arterial	3600	55
2226	392	393	0.639	12	2	Principal Arterial	3600	45
2227	393	392	0.639	12	2	Principal Arterial	3600	45
2228	424	872	1.215	11	1	Major Arterial	1600	35
2229	872	424	1.215	11	1	Major Arterial	1600	35
2230	66	871	2.175	12	1	Major Arterial	1600	50
2231	871	66	2.175	12	1	Major Arterial	1600	50
2232	69	976	0.16	12	1	Major Arterial	1600	50
2233	976	69	0.16	12	1	Major Arterial	1600	50
2234	378	652	0.993	10	1	Collector / Local Road	1400	25
2235	652	378	0.993	10	1	Collector / Local Road	1400	25
2236	886	982	0.293	10	1	Collector / Local Road	1400	25
2237	982	886	0.293	10	1	Collector / Local Road	1400	25
2238	983	990	1.753	10	1	Collector / Local Road	1400	25
2239	990	983	1.753	10	1	Collector / Local Road	1400	25
2240	984	985	0.586	10	1	Collector / Local Road	1400	25
2241	985	984	0.586	10	1	Collector / Local Road	1400	25
2242	592	781	1.327	10	1	Collector / Local Road	1400	25
2243	781	592	1.327	10	1	Collector / Local Road	1400	25
2244	226	63	0.134	12	1	Major Arterial	1600	45
2245	63	54	0.177	12	1	Major Arterial	1600	45
2246	60	61	0.065	12	1	Major Arterial	1600	45
2247	52	56	0.053	12	1	Minor Arterial	1400	40
2248	356	358	1.677	12	1	Minor Arterial	1400	55
2249	358	356	1.677	12	1	Minor Arterial	1400	55
2250	372	599	0.509	10	1	Collector / Local Road	1400	35
2251	599	372	0.509	10	1	Collector / Local Road	1400	35
2252	767	988	0.219	10	1	Collector / Local Road	1400	25
2253	988	767	0.219	10	1	Collector / Local Road	1400	25
2254	606	984	1.932	10	1	Collector / Local Road	1400	25
2255	984	606	1.932	10	1	Collector / Local Road	1400	25
2256	665	879	1.23	12	1	Principal Arterial	1800	55
2257	879	665	1.23	12	1	Principal Arterial	1800	55
2258	666	379	0.284	12	2	Principal Arterial	3600	45
2259	379	381	0.293	12	2	Principal Arterial	3600	45
2260	979	38	1.606	12	2	Principal Arterial	3600	50
2261	37	980	1.566	12	2	Principal Arterial	3600	50
2262	395	396	1.254	12	2	Principal Arterial	3600	55
2263	396	395	1.254	12	2	Principal Arterial	3600	55
2264	396	237	6.417	12	2	Principal Arterial	3600	55
2265	411	413	1.181	12	1	Major Arterial	1600	45
2266	413	411	1.181	12	1	Major Arterial	1600	45
2267	411	414	1.31	11	1	Major Arterial	1600	35
2268	414	411	1.31	11	1	Major Arterial	1600	35
2269	717	884	8.184	12	1	Principal Arterial	1800	55
2270	884	717	8.184	12	1	Principal Arterial	1800	55
2271	976	989	0.314	10	1	Collector / Local Road	1400	25
2272	989	976	0.314	10	1	Collector / Local Road	1400	25
2273	872	976	1.214	12	1	Major Arterial	1600	55
2274	976	872	1.214	12	1	Major Arterial	1600	55
2275	2	868	0.442	12	2	Principal Arterial	3600	45
2276	868	3	0.473	12	2	Principal Arterial	3600	45
2277	10	9	0.138	11	1	Ramp	2050	35
2278	978	39	3.062	12	2	Principal Arterial	3600	50
2279	38	977	3.102	12	2	Principal Arterial	3600	50

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
2280	44	65	1.356	12	2	Major Arterial	3200	45
2281	64	45	1.358	12	2	Major Arterial	3200	45
2282	423	869	3.888	12	2	Principal Arterial	3600	55
2283	869	423	3.888	12	2	Principal Arterial	3600	55
2284	334	507	0.304	10	1	Collector / Local Road	1400	25
2285	507	334	0.304	10	1	Collector / Local Road	1400	25
2286	510	809	3.302	10	1	Collector / Local Road	1400	25
2287	809	510	3.302	10	1	Collector / Local Road	1400	25
2288	809	811	3.769	10	1	Collector / Local Road	1400	25
2289	811	809	3.769	10	1	Collector / Local Road	1400	25
2290	343	512	1.88	12	2	Principal Arterial	3600	55
2291	512	343	1.88	12	2	Principal Arterial	3600	55
2292	339	522	1.183	12	1	Principal Arterial	1800	45
2293	522	339	1.183	12	1	Principal Arterial	1800	45
2294	520	927	4.135	10	1	Collector / Local Road	1400	25
2295	927	520	4.135	10	1	Collector / Local Road	1400	25
2296	564	804	3.713	10	1	Collector / Local Road	1400	25
2297	804	564	3.713	10	1	Collector / Local Road	1400	25
2298	540	990	1.435	10	1	Collector / Local Road	1400	25
2299	990	540	1.435	10	1	Collector / Local Road	1400	25
2300	670	680	2.847	10	1	Collector / Local Road	1400	25
2301	680	670	2.847	10	1	Collector / Local Road	1400	25
2302	195	395	0.273	11	1	Principal Arterial	1800	30
2303	395	194	0.252	11	1	Principal Arterial	1800	30
2304	194	192	0.133	11	1	Principal Arterial	1800	30
2305	191	193	0.164	11	1	Principal Arterial	1800	30
2306	192	874	0.172	11	1	Principal Arterial	1800	30
2307	763	1026	1.938	10	1	Collector / Local Road	1400	25
2308	1026	763	1.938	10	1	Collector / Local Road	1400	25
2309	357	361	1.023	12	1	Minor Arterial	1400	55
2310	361	357	1.023	12	1	Minor Arterial	1400	55
2311	997	1002	0.481	10	1	Collector / Local Road	1400	25
2312	1002	997	0.481	10	1	Collector / Local Road	1400	25
2313	87	997	0.959	12	1	Principal Arterial	1800	40
2314	997	87	0.959	12	1	Principal Arterial	1800	40
2315	998	999	0.454	10	1	Collector / Local Road	1400	25
2316	999	998	0.454	10	1	Collector / Local Road	1400	25
2317	807	992	1.685	10	1	Collector / Local Road	1400	25
2318	992	807	1.685	10	1	Collector / Local Road	1400	25
2319	56	60	0.057	12	1	Major Arterial	1600	45
2320	280	396	6.405	12	2	Principal Arterial	3600	55
2321	377	883	1.067	12	2	Principal Arterial	3600	45
2322	883	377	1.067	12	2	Principal Arterial	3600	45
2323	376	618	1.529	10	1	Collector / Local Road	1400	25
2324	618	376	1.529	10	1	Collector / Local Road	1400	25
2325	670	679	1.968	10	1	Collector / Local Road	1400	25
2326	679	670	1.968	10	1	Collector / Local Road	1400	25
2327	205	811	1.477	12	2	Principal Arterial	3600	55
2328	811	205	1.477	12	2	Principal Arterial	3600	55
2329	99	400	1.585	11	1	Major Arterial	1600	30
2330	400	99	1.585	11	1	Major Arterial	1600	30
2331	400	993	0.6	12	1	Major Arterial	1600	45
2332	993	400	0.6	12	1	Major Arterial	1600	45
2333	78	401	0.346	12	1	Major Arterial	1600	45
2334	401	78	0.346	12	1	Major Arterial	1600	45
2335	98	810	2.28	12	1	Principal Arterial	1800	55
2336	810	98	2.28	12	1	Principal Arterial	1800	55

Link #	U-Node	D-Node	Length (mi)	Lane Width (ft)	Number of Lanes	Roadway Type	Saturation Flow Rate (veh/hr)	FFS (mph)
2337	574	794	0.879	10	1	Collector / Local Road	1400	25
2338	794	574	0.879	10	1	Collector / Local Road	1400	25
2339	397	563	1.842	10	1	Collector / Local Road	1400	25
2340	563	397	1.842	10	1	Collector / Local Road	1400	25
2341	80	398	2.998	12	1	Major Arterial	1600	45
2342	398	80	2.998	12	1	Major Arterial	1600	45
2343	102	636	3.022	12	2	Principal Arterial	3600	45
2344	636	102	3.022	12	2	Principal Arterial	3600	45
2345	810	95	0.22	12	1	Principal Arterial	1800	55
2346	94	810	0.22	12	1	Principal Arterial	1800	55
2347	103	403	0.918	12	1	Major Arterial	1600	40
2348	403	103	0.918	12	1	Major Arterial	1600	40
2349	160	939	1.108	12	2	Major Arterial	3200	45
2350	723	157	0.597	12	2	Major Arterial	3200	45
2351	173	471	0.406	11	2	Major Arterial	3200	35
2352	470	174	0.407	11	2	Major Arterial	3200	35



Appendix E

Telephone Survey of EPZ Residents
(Summary Results and Survey
Instrument)

Watts Bar EPZ
Summary of Telephone Survey Results

Completed Surveys 380

Results

HH occupants	2.98	per HH
	10.3%	fraction single occupant
Vehicles	18.9%	one vehicle
	38.2%	2 vehicles
	42.9%	3 or more

Age Mix of Respondents (%)	
18 to 24	4.8%
25 to 34	12.7%
35 to 44	21.0%
45 to 54	19.4%
55 to 64	24.1%
65 to 74	9.8%
75 plus	8.2%
Total	100

School Age Children	68.4%	none	
(% of HHs)	31.6%	at least one	14.5% One
			17.1% 2 or more

Commuter Data

(% of HHs)

Number of Commuters / HH	One	30.5%
	Two or more	35.3%
Of those HHs commuting:		
Work outside of EPZ		58.2%
Take vehicle to work		92.5%
Would evacuate direct from work		45.9%
Would return home to evacuate		54.1%

Number of Vehicles to Evacuate

Night/Weekend	1.46	veh per HH
Weekday	1.31	veh per HH

Time Distribution

	0 to 15 minutes	15 to 30 minutes	30 to 45 minutes	45 to 60 minutes	> 60 minutes
leave work after notice	82.1%	11.1%	2.3%	3.1%	1.3%
travel home	53.7%	30.4%	8.4%	6.1%	1.4%
depart after return home	45.6%	31.6%	7.5%	8.8%	6.5%
depart (all at home)	31.7%	36.1%	7.7%	13.9%	10.7%

ARCADIS
TVA Survey
Draft v4 – May 15, 2012

INTRODUCTION

Hello, my name is _____ and I am calling from MDC Research, a company hired on behalf of the Tennessee Valley Authority (TVA) and its local, state and federal emergency planning partners. We are conducting a brief survey to gather information from households in your area about nuclear power emergency response planning and we'd like to include your opinions. This survey is being conducted on behalf of the (insert facility name) Nuclear Facility, and will take approximately 5 minutes to complete. We are not trying to sell you anything. The information gathered from this survey will help local agencies more effectively provide community assistance should an emergency situation arise.

Can I please speak with an adult member of the household?

SCREENER

S1. What is the zip code of your primary residence? Your primary residence is the home where you live the majority of the time. DO NOT READ ZIP CODE LIST

List of appropriate zip codes will be displayed here

99999 Location outside the EPZ – **THANK & TERMINATE**

S2. Are you over 17 years of age?

11 NO – **ASK FOR REFERRAL or THANK & TERMINATE**

12 YES

98 (DO NOT READ) Refused **THANK & TERMINATE**

S3. Is your residence located within a 10 mile radius of (insert the name of the nuclear power plant)?

1 Yes

2 No

7 Don't know

If answer is No, **THANK & TERMINATE**

QUESTIONNAIRE

Q1 How many people usually reside in your household?

Record: _____ # of residents

998 **(DO NOT READ) Refused – THANK & TERMINATE**

Q2 How many working motor vehicles are normally based at your home?

Record: _____ # of vehicles

997 None – **THANK AND TERMINATE**

998 **(DO NOT READ)** Refused

Q3 How many children in your household attend local schools in grade K – 12?

Record _____

997 None

998 **(DO NOT READ)** Refused

Q4 Do you commute to a job or to a college at least 4 times week?

1 Yes

2 No

998 **(DO NOT READ)** Refused

If refused, explain; The nature of this project is to estimate traffic volumes and flow in the event of a nuclear plant emergency evacuation, so this data is necessary in order for us to continue with the survey.

If still refused - THANK & TERMINATE

If No, skip to Q7.

Q5. Is your job or college located within a 10 mile radius of (insert the name of the nuclear power plant)?

1 Yes

2 No

7 Don't know

Q6A Do you work a regular Monday thru Friday, 8:00 to 5:00 type of schedule, or some other type of schedule?

1 Monday – Friday, 8:00am to 5:00pm

2 Other schedule

7 **(DO NOT READ)** Don't know

Q6B Do you generally use a personal vehicle to commute back and forth to work?

1 Yes

2 No

7 **(DO NOT READ)** Don't know

Q6C If an evacuation notice were given while you were at work, do you think you would most likely...

- 1 Evacuate directly from work
- 2 Come home first and then evacuate, or
- 7 **(DO NOT READ)** Don't know

Q6D How long do you think it would take you to get prepared and actually leave work?
(Read only if necessary, categorize response as follows)

- 11 5 minutes or less
- 12 6 – 10 minutes
- 13 11 – 15 minutes
- 14 16 – 20 minutes
- 15 21 – 25 minutes
- 16 26 – 30 minutes
- 17 31 – 35 minutes
- 18 36 – 40 minutes
- 19 41 – 45 minutes
- 20 46 – 50 minutes
- 21 51 – 55 minutes
- 22 56 minutes to an hour
- 23 Between an hour and an hour 15 minutes
- 24 Between 1 hour 16 minutes and 1 hour 30 minutes
- 25 Between 1 hour 31 minutes and 1 hour 45 minutes
- 26 Between 1 hour 46 minutes and 2 hours
- 27 More than 2 hours
- 97 **(DO NOT READ)** Don't know

Q6E **(ONLY ASK IF Q6C=2 or 7)** About how long does it take you to get from work to home? **(Read only if necessary, categorize response as follows)**

- 11 5 minutes or less
- 12 6 – 10 minutes
- 13 11 – 15 minutes
- 14 16 – 20 minutes
- 15 21 – 25 minutes
- 16 26 – 30 minutes
- 17 31 – 35 minutes
- 18 36 – 40 minutes
- 19 41 – 45 minutes
- 20 46 – 50 minutes
- 21 51 – 55 minutes
- 22 56 minutes to an hour
- 23 Between an hour and an hour 15 minutes

- 24 Between 1 hour 16 minutes and 1 hour 30 minutes
- 25 Between 1 hour 31 minutes and 1 hour 45 minutes
- 26 Between 1 hour 46 minutes and 2 hours
- 27 More than 2 hours
- 97 **(DO NOT READ)** Don't know

Q7 How many other adults in your household commute to a job or a college at least 4 times week?

Record _____

- 997 None
- 998 **(DO NOT READ)** Refused

If refused, explain; The nature of this project is to estimate traffic volumes and flow in the event of a nuclear plant emergency evacuation, so this data is necessary in order for us to continue with the survey.

If still refused - **THANK & TERMINATE**

If none, skip to Q10.

Repeat the following Q7A-F sequence for each working adult cited in Q7

For each of the commuting adults you just referenced, I'd like to ask a few questions related to what their likely actions would be in the case of a nuclear plant emergency evacuation. I understand that I will be asking you to speculate on what other members of the household may do in this situation, but your best guesses are just fine for our purposes. Please answer the questions for each commuting adult in whatever order you like.

Q7A. Is this person's job or college located within a 10 mile radius of (insert the name of the nuclear power plant)?

- 1 Yes
- 2 No
- 7 **(DO NOT READ)** Don't know

Q7B Does this person work a regular Monday thru Friday, 8:00 to 5:00 type of schedule, or some other type of schedule?

- 1 Monday – Friday, 8:00am to 5:00pm
- 2 Other schedule
- 7 **(DO NOT READ)** Don't know

Q7C Does this person generally use a personal vehicle to commute back and forth to work?

- 1 Yes
- 2 No
- 7 **(DO NOT READ)** Don't know

Q7D If an evacuation notice were given while this person was at work, do you think they would most likely...

- 1 Evacuate directly from work
- 2 Come home first and then evacuate, or
- 7 **(DO NOT READ)** Don't know

Q7E How long do you think it would take this person to get prepared and actually leave work?
(Read only if necessary, categorize response as follows)

- 11 5 minutes or less
- 12 6 – 10 minutes
- 13 11 – 15 minutes
- 14 16 – 20 minutes
- 15 21 – 25 minutes
- 16 26 – 30 minutes
- 17 31 – 35 minutes
- 18 36 – 40 minutes
- 19 41 – 45 minutes
- 20 46 – 50 minutes
- 21 51 – 55 minutes
- 22 56 minutes to an hour
- 23 Between an hour and an hour 15 minutes
- 24 Between 1 hour 16 minutes and 1 hour 30 minutes
- 25 Between 1 hour 31 minutes and 1 hour 45 minutes
- 26 Between 1 hour 46 minutes and 2 hours
- 27 More than 2 hours
- 97 **(DO NOT READ)** Don't know

Q7F (ONLY ASK IF Q7D=2 or 7) About how long does it take this person to get from work to home? **(Read only if necessary, categorize response as follows)**

- 11 5 minutes or less
- 12 6 – 10 minutes
- 13 11 – 15 minutes
- 14 16 – 20 minutes
- 15 21 – 25 minutes
- 16 26 – 30 minutes
- 17 31 – 35 minutes
- 18 36 – 40 minutes
- 19 41 – 45 minutes
- 20 46 – 50 minutes
- 21 51 – 55 minutes
- 22 56 minutes to an hour
- 23 Between an hour and an hour 15 minutes

- 24 Between 1 hour 16 minutes and 1 hour 30 minutes
- 25 Between 1 hour 31 minutes and 1 hour 45 minutes
- 26 Between 1 hour 46 minutes and 2 hours
- 27 More than 2 hours
- 97 **(DO NOT READ)** Don't know

Q8A-F Repeat Q7 sequence for next commuter;

Q9A-F Repeat Q8 sequence for next commuter.

Q10 In the event of an emergency at the nuclear power plant, when the commuters are away from home is there a working vehicle for the family members at home that could be used for evacuation?

- 1 Yes
- 2 No → Skip to Q12
- 7 **(DO NOT READ)** Don't know

Q11 In the event of an emergency would the family members at home await the return of the other family members before evacuating the area?

- 1 Yes
- 2 No
- 7 **(DO NOT READ)** Don't know

SKIP TO Q 13

Q12 In the event of an emergency would the family members at home wait for a ride from one of the commuters or leave with someone else?

- 1 They would wait for a ride
- 2 They would leave with someone else
- 7 **(DO NOT READ)** Don't know

Q13 And once everyone who is coming home from work or school has arrived, how long would it take to prepare and depart from home, taking into consideration whether or not someone else is usually home who may be starting these preparation while they are traveling? Please consider tasks such as packing clothing, securing the house, loading the car(s), etc. **(Read only if necessary, categorize response as follows)**

- 11 5 minutes or less
- 12 6 – 10 minutes
- 13 11 – 15 minutes
- 14 16 – 20 minutes

- 15 21 – 25 minutes
- 16 26 – 30 minutes
- 17 31 – 35 minutes
- 18 36 – 40 minutes
- 19 41 – 45 minutes
- 20 46 – 50 minutes
- 21 51 – 55 minutes
- 22 56 minutes to an hour
- 23 Between an hour and an hour 15 minutes
- 24 Between 1 hour 16 minutes and 1 hour 30 minutes
- 25 Between 1 hour 31 minutes and 1 hour 45 minutes
- 26 Between 1 hour 46 minutes and 2 hours
- 27 More than 2 hours
- 97 **(DO NOT READ)** Don't know

Q14 If an evacuation were ordered when all household members were at home (for example, at night or on a weekend), approximately how long would it take your household to prepare to depart? Please assume that you are advised to plan to be away from your home for 3 days, again considering tasks such as packing clothing, securing the house, loading the car(s), etc. **(Read only if necessary, categorize response as follows)**

- 11 5 minutes or less
- 12 6 – 10 minutes
- 13 11 – 15 minutes
- 14 16 – 20 minutes
- 15 21 – 25 minutes
- 16 26 – 30 minutes
- 17 31 – 35 minutes
- 18 36 – 40 minutes
- 19 41 – 45 minutes
- 20 46 – 50 minutes
- 21 51 – 55 minutes
- 22 56 minutes to an hour
- 23 Between an hour and an hour 15 minutes
- 24 Between 1 hour 16 minutes and 1 hour 30 minutes
- 25 Between 1 hour 31 minutes and 1 hour 45 minutes
- 26 Between 1 hour 46 minutes and 2 hours
- 27 More than 2 hours
- 97 **(DO NOT READ)** Don't know

Q15 How many vehicles would your household take if an evacuation were ordered when all household members were at home?

Record: _____ # of vehicles
 98 **(DO NOT READ)** Refused

Q16. Which of the following categories best describes your age?

- 11 18 to 24
- 12 25 to 34
- 13 35 to 44
- 14 45 to 54
- 15 55 to 64
- 16 65 to 74
- 17 75 or older
- 98 **(DO NOT READ)** Refused

Q17 Do you or any member of your household hunt, fish, or visit parks that are within a 10 mile radius of the nuclear power plant?

- 1 Yes, Fishing **GO TO QUESTION 18a**
- 2 Yes, Hunting **GO TO QUESTION 18b**
- 3 Yes, Visiting Parks **GO TO QUESTION 18c**
- 4 No **GO TO END OF SURVEY**
- 7 **(DO NOT READ)** Don't know/Refused

Q17A How many people typically travel in the same vehicle for this purpose? **(If respondent has multiple responses in Q16, ask for number that best represents their most frequent scenario.)**

- 1 One
- 2 Two
- 3 Three
- 4 Four
- 5 Five or more

If Q17 1, SKIP TO QUESTION 18b

Q18A In the event of an emergency at the nuclear plant if you hear a warning siren while fishing , how long would it take you to complete preparations to evacuate the area? (This would include preparations from the recreational area, returning home, and securing your house, etc.) **(Read only if necessary, categorize response as follows)**

FISHING

- 11 5 minutes or less
- 12 6 – 10 minutes
- 13 11 – 15 minutes
- 14 16 – 20 minutes
- 15 21 – 25 minutes
- 16 26 – 30 minutes
- 17 31 – 35 minutes
- 18 36 – 40 minutes
- 19 41 – 45 minutes
- 20 46 – 50 minutes
- 21 51 – 55 minutes
- 22 56 minutes to an hour
- 23 Between an hour and an hour 15 minutes
- 24 Between 1 hour 16 minutes and 1 hour 30 minutes
- 25 Between 1 hour 31 minutes and 1 hour 45 minutes
- 26 Between 1 hour 46 minutes and 2 hours
- 27 More than 2 hours
- 97 **(DO NOT READ)** Don't know

2, SKIP TO QUESTION 18c

Q18B In the event of an emergency at the nuclear plant if you hear a warning siren while hunting, how long would it take you to complete preparations to evacuate the area? (This would include preparations from the recreational area, returning home, and securing your house, etc.) **(Read only if necessary, categorize response as follows)**

HUNTING

- 11 5 minutes or less
- 12 6 – 10 minutes
- 13 11 – 15 minutes
- 14 16 – 20 minutes
- 15 21 – 25 minutes
- 16 26 – 30 minutes
- 17 31 – 35 minutes
- 18 36 – 40 minutes
- 19 41 – 45 minutes
- 20 46 – 50 minutes
- 21 51 – 55 minutes
- 22 56 minutes to an hour
- 23 Between an hour and an hour 15 minutes
- 24 Between 1 hour 16 minutes and 1 hour 30 minutes
- 25 Between 1 hour 31 minutes and 1 hour 45 minutes
- 26 Between 1 hour 46 minutes and 2 hours
- 27 More than 2 hours
- 97 **(DO NOT READ)** Don't know

3, SKIP TO END OF SURVEY

Q18C In the event of an emergency at the nuclear plant if you hear a warning siren while visiting parks, how long would it take you to complete preparations to evacuate the area? (This would include preparations from the recreational area, returning home, and securing your house, etc.) **(Read only if necessary, categorize response as follows)**

PARK VISITS

- 11 5 minutes or less
- 12 6 – 10 minutes
- 13 11 – 15 minutes
- 14 16 – 20 minutes
- 15 21 – 25 minutes
- 16 26 – 30 minutes
- 17 31 – 35 minutes
- 18 36 – 40 minutes
- 19 41 – 45 minutes
- 20 46 – 50 minutes

- 21 51 – 55 minutes
- 22 56 minutes to an hour
- 23 Between an hour and an hour 15 minutes
- 24 Between 1 hour 16 minutes and 1 hour 30 minutes
- 25 Between 1 hour 31 minutes and 1 hour 45 minutes
- 26 Between 1 hour 46 minutes and 2 hours
- 27 More than 2 hours
- 97 **(DO NOT READ)** Don't know

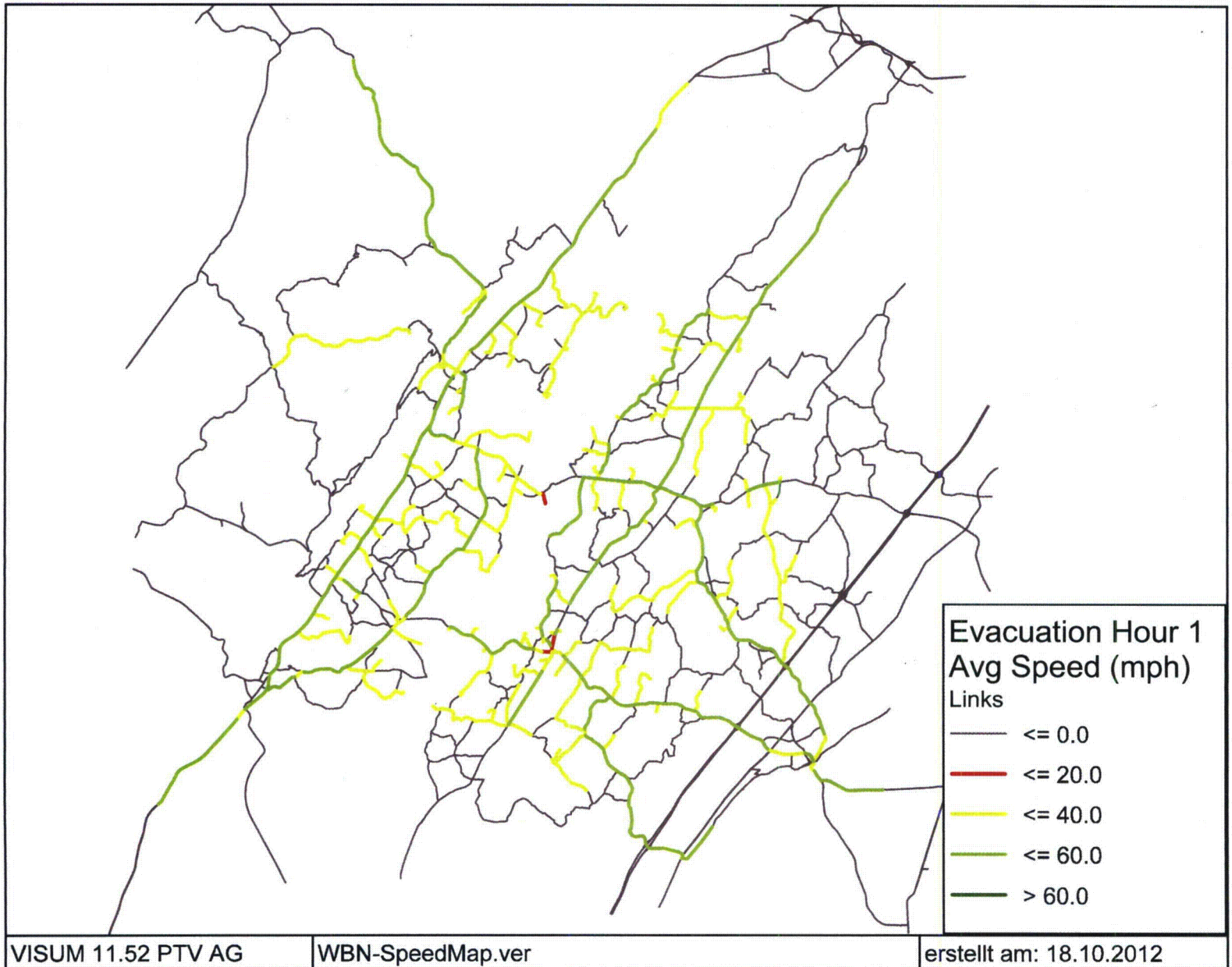
This is all the questions we have for you today/tonight. Thank you for participating in this survey. Your responses will help us to make an accurate prediction of traffic conditions during an emergency situation. If you have any questions about this survey, please feel free to contact <insert contact name, job title, and phone number/email>.

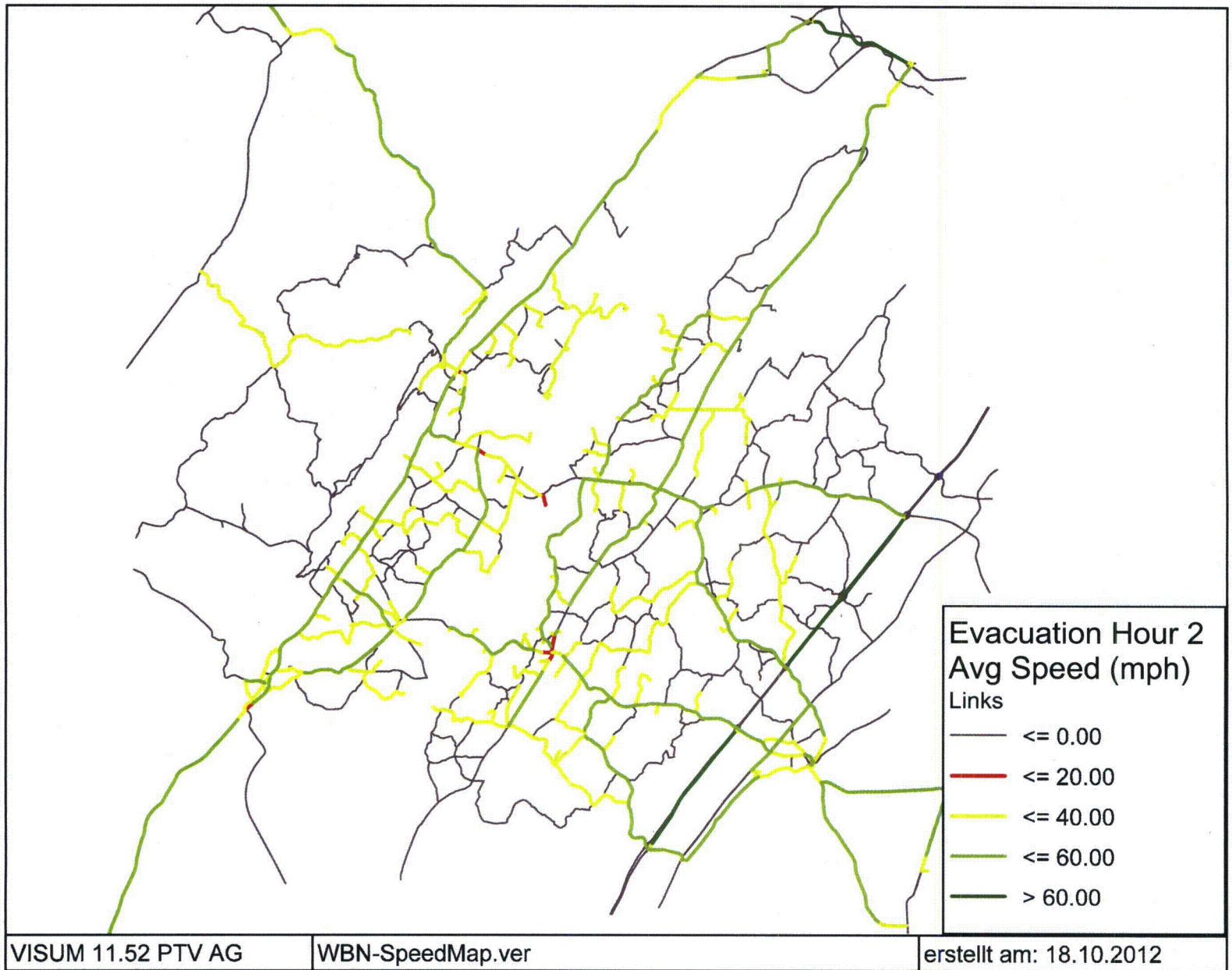


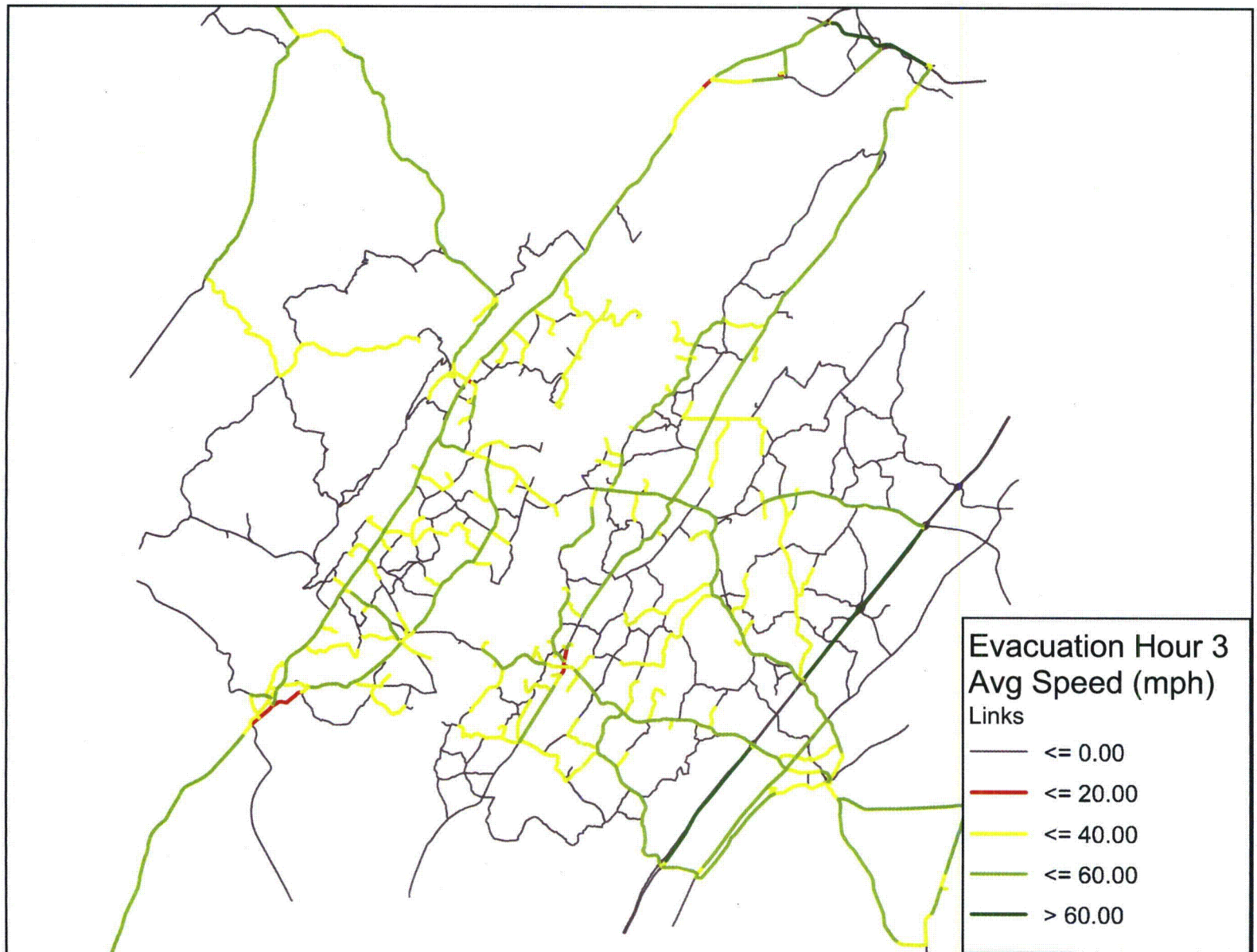
Appendix F

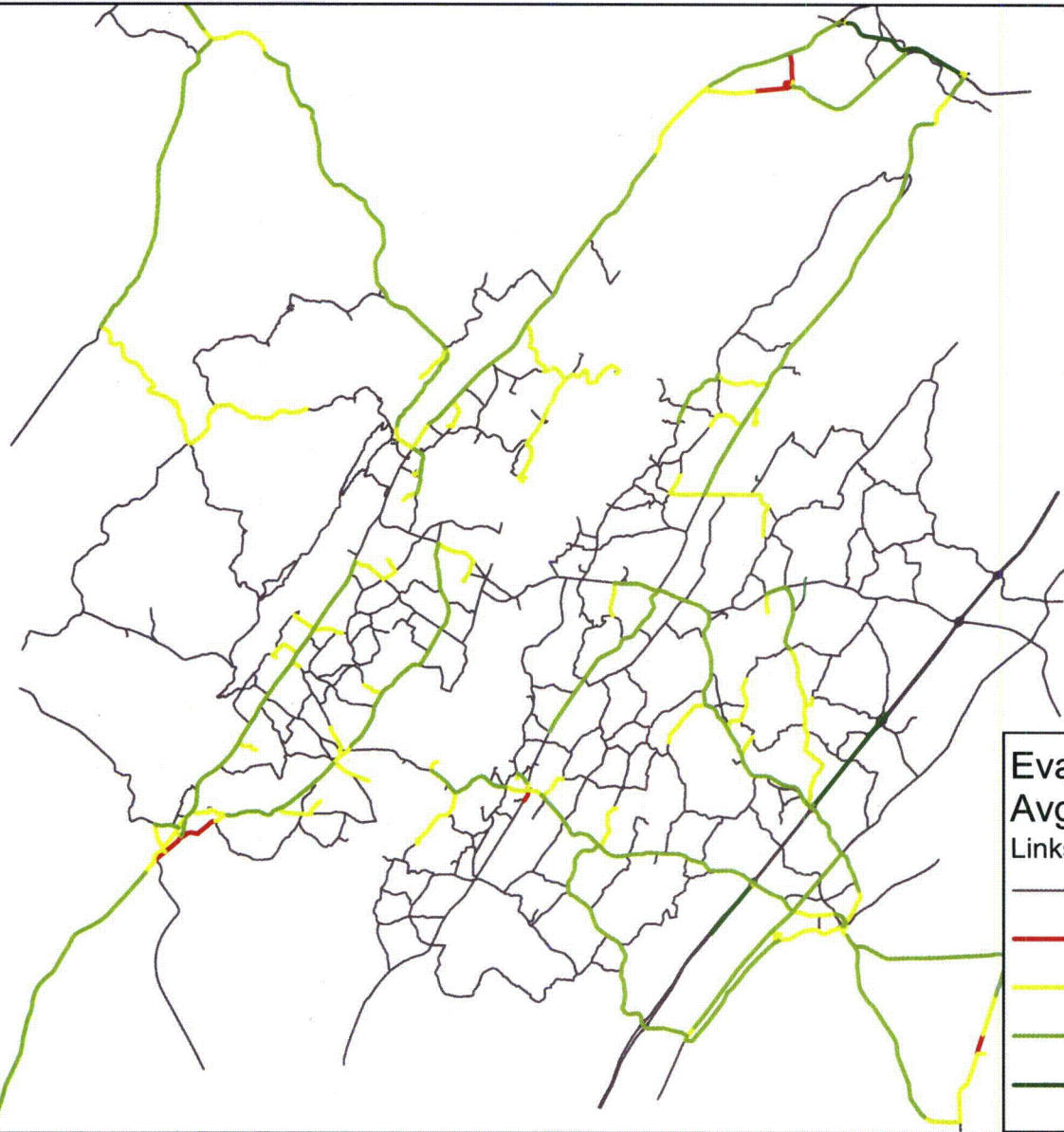
Maps of Average Speed by Hour on
Watts Bar Road Network (Winter
Day, Normal Weather, Full EPZ)

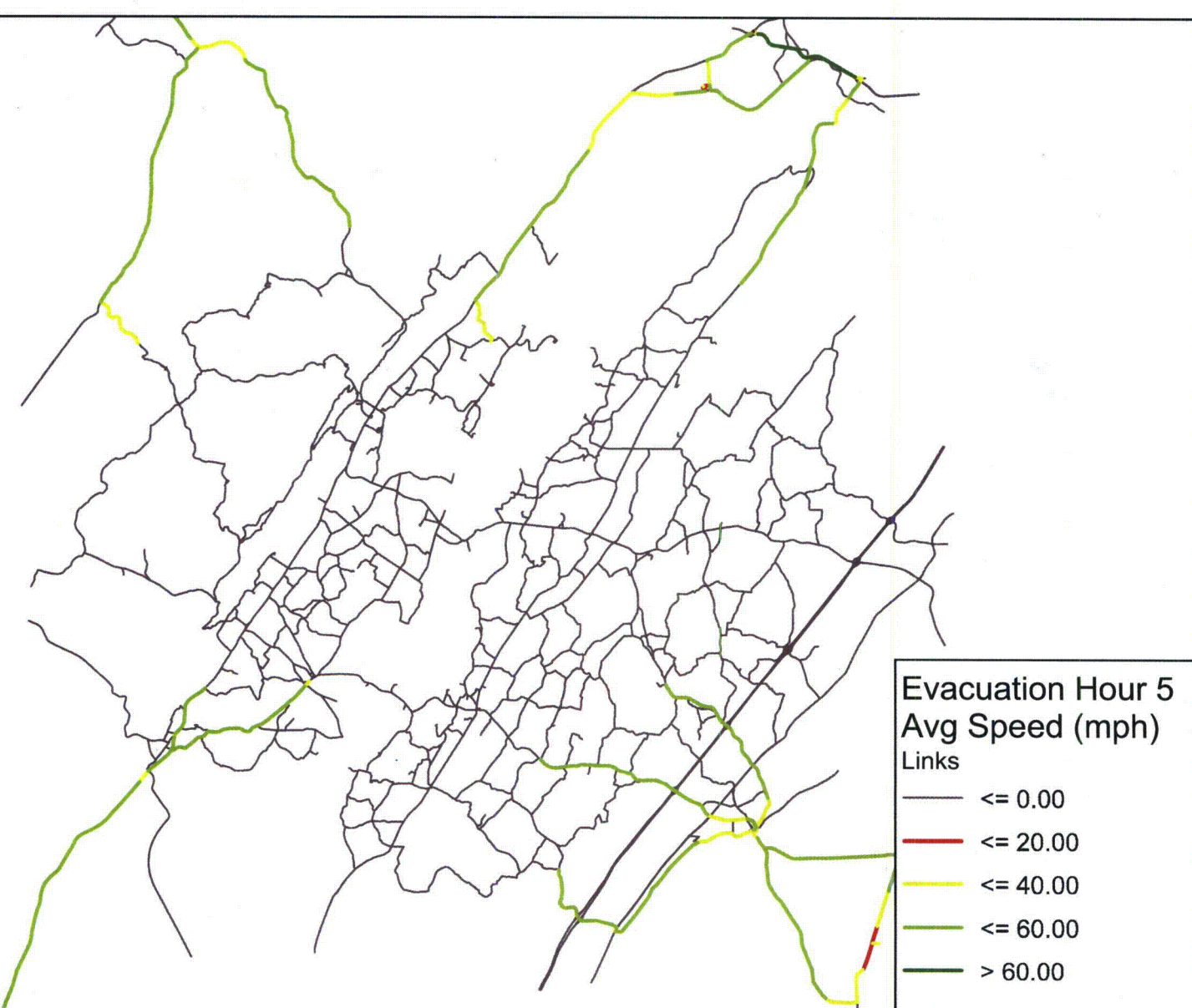
Speed Maps - Watts Bar
Winter Day, Normal Weather, Full EPZ Scenario

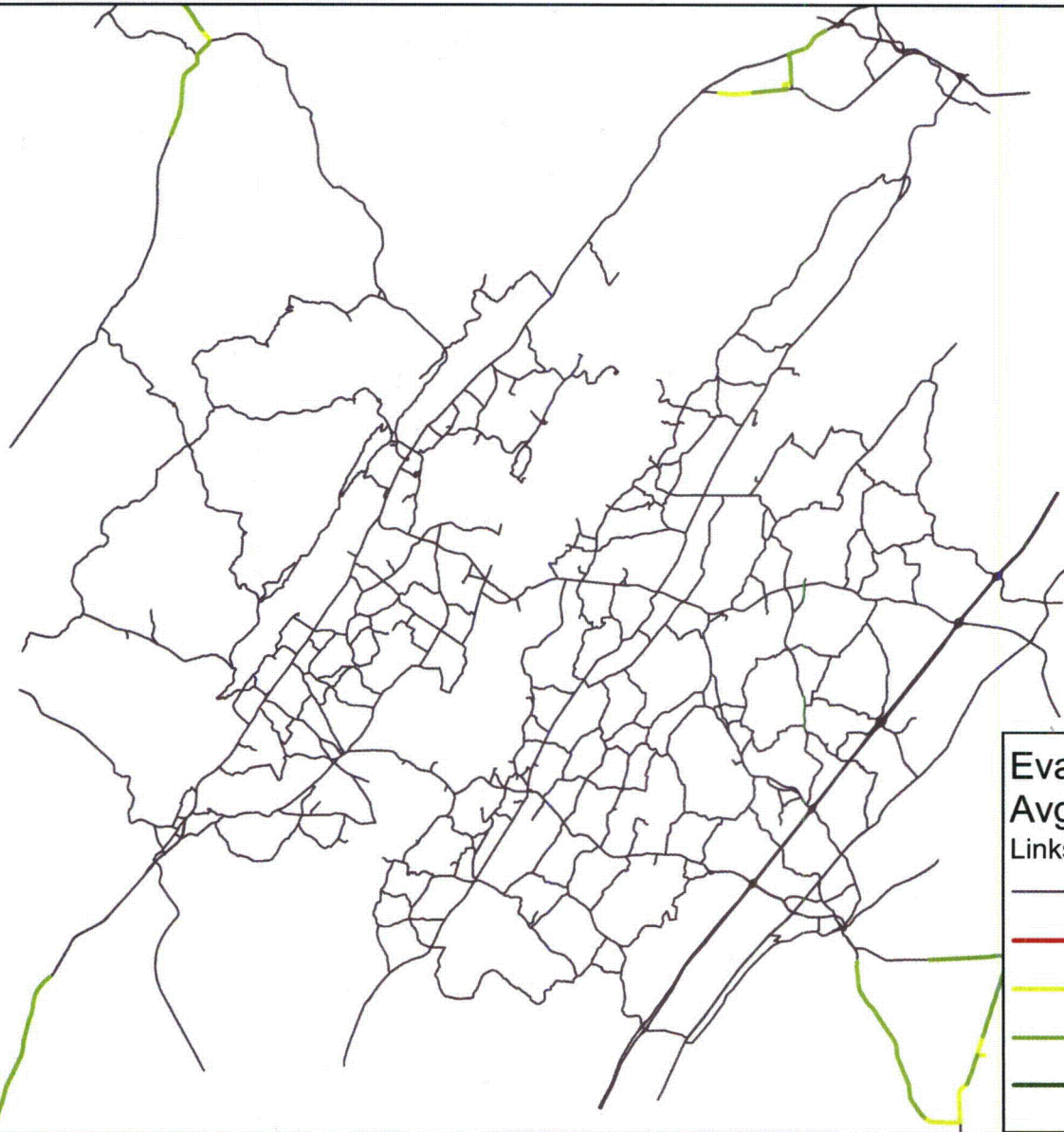












Evacuation Hour 6
Avg Speed (mph)
Links

	<= 0.00
	<= 20.00
	<= 40.00
	<= 60.00
	> 60.00