Project: US 42 NoBuild
Scenario: PM Peak
Run(s): Batch (10 runs)
Simulated: Various
Time: 16:45:00 - 17:45:00
Interval: Summary
Selection: --

Lane Queue by Intersection - Overview

471 SB ON-RAMP, E LIBERTY ST & US 42 NODE: 22

Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB L on E Liberty St - Lane ID 354						
1	119.0	64.2	2.5	182.3	7.0	0.0%
2	119.0	74.9	2.9	190.1	7.0	0.0%
3	119.0	73.9	2.9	210.3	8.0	0.0%
4	119.0	68.7	2.6	190.6	7.0	0.0%
5	119.0	72.5	2.9	177.4	7.0	0.0%
6	119.0	62.2	2.5	188.3	7.0	0.0%
7	119.0	70.9	2.8	196.7	7.0	0.0%
8	119.0	75.1	2.9	197.4	7.1	0.0%
9	119.0	80.4	3.2	205.9	7.1	0.0%
10	119.0	76.3	3.0	200.3	7.0	0.0%
Average:	**119.0**	**71.9**	**2.8**	**193.9**	**7.1**	**0.0%**
EB L on E Liberty St - Lane ID 355						
1	119.0	88.4	3.3	226.4	8.0	0.0%
2	119.0	89.4	3.4	214.9	8.0	0.0%
3	119.0	95.3	3.4	227.9	8.0	0.0%
4	119.0	91.0	3.4	207.1	8.0	0.0%
5	119.0	93.1	3.7	207.9	8.0	0.0%
6	119.0	89.1	3.4	219.8	8.0	0.0%
7	119.0	95.1	3.8	209.9	8.0	0.0%
8	119.0	96.1	3.8	220.0	8.0	0.0%
9	119.0	98.7	3.7	209.7	8.0	0.0%
10	119.0	95.9	3.7	217.1	8.0	0.0%
Average:	**119.0**	**93.2**	**3.6**	**216.1**	**8.0**	**0.0%**
EB R on E Liberty St - Lane ID 357						
1	119.0	14.7	0.7	49.9	2.0	0.0%
2	119.0	17.4	0.7	72.0	2.0	0.0%
3	119.0	12.2	0.6	45.8	2.0	0.0%
4	119.0	12.0	0.7	45.0	2.0	0.0%
5	119.0	14.2	0.7	47.9	2.0	0.0%
6	119.0	12.7	0.7	47.1	2.0	0.0%
7	119.0	17.1	0.7	64.5	2.0	0.0%
8	119.0	14.5	0.7	48.6	2.0	0.0%
9	119.0	18.1	0.9	49.8	2.0	0.0%

471 SB ON-RAMP, E LIBERTY ST & US 42 NODE: 22

Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
EB R on E Liberty St - Lane ID 357						
10	119.0	14.4	0.7	53.9	2.0	0.0%
Average:	**119.0**	**14.7**	**0.7**	**52.5**	**2.0**	**0.0%**
EB T on E Liberty St - Lane ID 356						
1	119.0	142.0	5.4	356.6	13.0	0.0%
2	119.0	151.3	5.7	384.0	14.0	1.7%
3	119.0	134.4	5.0	360.7	13.0	0.8%
4	119.0	135.9	5.1	348.4	13.0	0.8%
5	119.0	143.2	5.1	375.0	13.0	1.7%
6	119.0	147.8	5.5	384.5	13.0	0.8%
7	119.0	139.0	5.1	360.8	13.0	0.0%
8	119.0	133.2	5.1	338.7	13.0	0.0%
9	119.0	135.3	5.0	317.3	12.0	0.0%
10	119.0	137.2	5.2	337.2	13.0	0.8%
Average:	**119.0**	**139.9**	**5.2**	**356.3**	**13.0**	**0.7%**
NB T on [Unnamed Street] - Lane ID 344						
1	119.0	0.0	0.0	0.0	0.0	0.0%
2	119.0	0.0	0.0	0.0	0.0	0.0%
3	119.0	0.0	0.0	0.0	0.0	0.0%
4	119.0	0.0	0.0	0.0	0.0	0.0%
5	119.0	0.0	0.0	0.0	0.0	0.0%
6	119.0	0.0	0.0	0.0	0.0	0.0%
7	119.0	0.0	0.0	0.0	0.0	0.0%
8	119.0	0.0	0.0	0.0	0.0	0.0%
9	119.0	0.0	0.0	0.0	0.0	0.0%
10	119.0	0.0	0.0	0.0	0.0	0.0%
Average:	**119.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0%**
NEB T on US 42 - Lane ID 305						
1	119.0	124.5	4.7	303.5	11.0	0.0%
2	119.0	114.3	4.5	295.5	11.0	0.0%
3	119.0	109.3	4.1	270.2	10.0	0.0%
4	119.0	95.3	3.7	254.7	9.1	0.0%
5	119.0	91.6	3.5	232.5	9.0	0.0%
6	119.0	109.1	4.0	287.2	10.0	0.0%
7	119.0	108.7	4.2	274.5	11.0	0.0%
8	119.0	102.4	3.9	239.9	9.0	0.0%
9	119.0	93.0	3.6	256.2	10.0	0.0%
10	119.0	113.6	4.4	271.4	11.0	0.0%
Average:	**119.0**	**106.2**	**4.1**	**268.6**	**10.1**	**0.0%**

471 SB ON-RAMP, E LIBERTY ST & US 42 — NODE: 22

Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
NEB T on US 42 - Lane ID 306						
1	119.0	166.2	6.0	358.0	12.0	0.0%
2	119.0	144.9	5.3	330.0	12.0	0.0%
3	119.0	147.3	5.4	321.9	11.1	0.0%
4	119.0	115.7	4.2	290.8	10.0	0.0%
5	119.0	121.9	4.5	295.2	11.0	0.0%
6	119.0	144.9	5.4	306.6	11.1	0.0%
7	119.0	128.4	4.8	307.1	11.0	0.0%
8	119.0	128.3	4.7	304.7	11.0	0.0%
9	119.0	123.5	4.7	301.7	10.0	0.0%
10	119.0	147.3	5.3	323.2	11.1	0.0%
Average:	**119.0**	**136.8**	**5.0**	**313.9**	**11.0**	**0.0%**
NEB TR on US 42 - Lane ID 307						
1	119.0	279.0	10.1	495.1	18.0	0.0%
2	119.0	240.8	8.7	606.5	21.0	1.7%
3	119.0	230.2	8.4	501.6	18.1	0.0%
4	119.0	162.0	6.1	370.6	14.0	0.0%
5	119.0	155.5	5.7	374.5	13.0	0.0%
6	119.0	208.7	7.5	436.9	16.1	0.0%
7	119.0	215.2	7.9	491.8	18.0	0.8%
8	119.0	178.6	6.6	365.7	14.0	0.0%
9	119.0	208.6	7.6	499.9	17.1	0.0%
10	119.0	228.2	8.3	465.7	17.0	0.0%
Average:	**119.0**	**210.7**	**7.7**	**460.8**	**16.6**	**0.3%**
SWB L on [Unnamed Street] - Lane ID 372						
1	119.0	411.2	14.2	797.1	29.0	34.5%
2	119.0	399.4	14.5	797.6	30.0	31.1%
3	119.0	415.0	14.9	797.8	30.0	34.5%
4	119.0	418.6	15.1	797.6	30.0	37.0%
5	119.0	417.4	14.9	797.7	30.0	35.3%
6	119.0	377.0	13.5	796.9	29.0	25.2%
7	119.0	423.4	14.8	797.7	29.0	41.2%
8	119.0	402.0	14.5	797.3	30.0	33.6%
9	119.0	424.4	14.9	797.7	29.1	39.5%
10	119.0	405.9	14.4	800.0	30.0	34.5%
Average:	**119.0**	**409.4**	**14.6**	**797.7**	**29.6**	**34.6%**
SWB R on [Unnamed Street] - Lane ID 346						
1	119.0	12.4	0.5	89.2	3.1	0.0%
2	119.0	9.2	0.4	68.8	3.0	0.0%
3	119.0	7.9	0.3	70.8	3.0	0.0%
4	119.0	11.1	0.5	71.3	3.0	0.0%

471 SB ON-RAMP, E LIBERTY ST & US 42 — NODE: 22

Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
SWB R on [Unnamed Street] - Lane ID 346						
5	119.0	13.8	0.5	106.2	4.1	0.0%
6	119.0	16.1	0.6	140.1	4.0	0.0%
7	119.0	15.7	0.6	121.5	5.1	0.0%
8	119.0	12.8	0.5	100.2	4.1	0.0%
9	119.0	14.1	0.5	95.2	3.1	0.0%
10	119.0	15.1	0.6	127.8	5.1	0.0%
Average:	**119.0**	**12.8**	**0.5**	**99.1**	**3.8**	**0.0%**
SWB T on [Unnamed Street] - Lane ID 334						
1	119.0	25.1	1.0	150.3	6.0	0.0%
2	119.0	22.8	0.8	117.3	4.0	0.0%
3	119.0	22.1	0.8	123.7	4.0	0.0%
4	119.0	15.6	0.7	87.4	3.0	0.0%
5	119.0	20.2	0.8	104.5	4.0	0.0%
6	119.0	21.8	0.9	101.9	4.0	0.0%
7	119.0	19.4	0.8	125.7	5.0	0.0%
8	119.0	17.1	0.7	105.6	4.0	0.0%
9	119.0	13.8	0.6	66.8	3.0	0.0%
10	119.0	15.1	0.6	87.4	3.0	0.0%
Average:	**119.0**	**19.3**	**0.8**	**107.1**	**4.0**	**0.0%**
SWB T on [Unnamed Street] - Lane ID 335						
1	119.0	52.8	1.9	229.6	9.0	0.0%
2	119.0	39.1	1.5	203.7	7.1	0.0%
3	119.0	39.7	1.5	168.2	6.0	0.0%
4	119.0	38.0	1.4	190.7	7.0	0.0%
5	119.0	30.7	1.2	160.8	7.0	0.0%
6	119.0	52.1	1.9	228.4	8.0	0.0%
7	119.0	35.1	1.3	194.8	7.1	0.0%
8	119.0	32.8	1.3	157.8	6.0	0.0%
9	119.0	31.2	1.3	167.9	7.0	0.0%
10	119.0	37.0	1.3	190.1	7.0	0.0%
Average:	**119.0**	**38.9**	**1.5**	**189.2**	**7.1**	**0.0%**
WB L on [Unnamed Street] - Lane ID 336						
1	119.0	21.2	1.0	61.0	3.0	0.0%
2	119.0	19.9	0.9	50.0	2.0	0.0%
3	119.0	21.9	1.0	69.7	3.0	0.0%
4	119.0	24.4	1.2	72.9	3.0	0.0%
5	119.0	24.3	1.2	64.2	3.0	0.0%
6	119.0	21.5	1.1	64.5	3.0	0.0%
7	119.0	20.9	1.0	49.9	2.0	0.0%
8	119.0	18.2	0.9	50.4	2.0	0.0%

471 SB ON-RAMP, E LIBERTY ST & US 42 — NODE: 22

Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
WB L on [Unnamed Street] - Lane ID 336						
9	119.0	22.3	1.1	63.8	3.0	0.0%
10	119.0	22.4	1.1	69.2	3.0	0.0%
Average:	**119.0**	**21.7**	**1.1**	**61.6**	**2.7**	**0.0%**
WB T on [Unnamed Street] - Lane ID 337						
1	119.0	43.5	1.9	104.8	4.0	0.0%
2	119.0	53.2	2.2	122.9	5.0	0.0%
3	119.0	46.6	2.0	122.5	5.0	0.0%
4	119.0	47.2	2.0	125.3	5.0	0.0%
5	119.0	45.8	2.0	123.7	5.0	0.0%
6	119.0	44.5	1.9	120.7	5.0	0.0%
7	119.0	50.7	2.2	129.5	5.0	0.0%
8	119.0	44.3	1.9	116.3	5.0	0.0%
9	119.0	45.9	2.0	121.8	5.0	0.0%
10	119.0	45.0	1.9	121.2	5.0	0.0%
Average:	**119.0**	**46.7**	**2.0**	**120.9**	**4.9**	**0.0%**
WB T on [Unnamed Street] - Lane ID 338						
1	119.0	47.2	2.1	121.3	5.0	0.0%
2	119.0	52.0	2.1	144.0	5.0	0.0%
3	119.0	45.8	1.9	124.8	4.0	0.0%
4	119.0	48.4	2.1	114.9	5.0	0.0%
5	119.0	51.0	2.0	125.3	5.0	0.0%
6	119.0	43.9	1.8	110.8	4.0	0.0%
7	119.0	50.8	2.0	139.0	5.0	0.0%
8	119.0	48.3	2.1	104.6	4.1	0.0%
9	119.0	48.4	1.9	113.1	4.1	0.0%
10	119.0	48.0	2.0	128.3	5.0	0.0%
Average:	**119.0**	**48.4**	**2.0**	**122.6**	**4.6**	**0.0%**

71 ON-RAMP, US 42, EDEN PARK DR & DORCHESTER AVENUE — NODE: 10

Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
NEB L on Dorchester Avenue - Lane ID 149						
1	119.0	2.3	0.1	17.0	1.0	0.0%
2	119.0	3.8	0.2	18.3	1.0	0.0%
3	119.0	4.1	0.3	16.6	1.0	0.0%
4	119.0	2.5	0.2	17.0	1.0	0.0%
5	119.0	2.8	0.1	17.2	1.0	0.0%
6	119.0	3.0	0.2	17.4	1.0	0.0%
7	119.0	2.2	0.1	16.0	1.0	0.0%
8	119.0	2.7	0.2	16.4	1.0	0.0%
9	119.0	4.4	0.2	17.7	1.0	0.0%

71 ON-RAMP, US 42, EDEN PARK DR & DORCHESTER AVENUE — NODE: 10

Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
NEB L on Dorchester Avenue - Lane ID 149						
10	119.0	2.2	0.1	17.0	1.0	0.0%
Average:	**119.0**	**3.0**	**0.2**	**17.1**	**1.0**	**0.0%**
NEB R on Dorchester Avenue - Lane ID 154						
1	119.0	25.2	1.0	107.9	4.0	0.0%
2	119.0	30.0	1.2	103.6	4.0	0.0%
3	119.0	29.5	1.2	99.7	3.1	0.0%
4	119.0	27.6	1.2	94.3	4.0	0.0%
5	119.0	32.3	1.3	104.2	4.0	0.0%
6	119.0	25.6	1.1	89.4	3.0	0.0%
7	119.0	23.6	1.0	76.8	3.0	0.0%
8	119.0	34.3	1.4	135.5	5.0	0.0%
9	119.0	22.3	1.0	75.0	3.0	0.0%
10	119.0	29.4	1.2	101.0	4.0	0.0%
Average:	**119.0**	**28.0**	**1.2**	**98.7**	**3.7**	**0.0%**
NEB T on Dorchester Avenue - Lane ID 150						
1	119.0	7.4	0.4	49.0	2.0	0.0%
2	119.0	9.6	0.5	49.0	2.0	0.0%
3	119.0	12.1	0.6	49.0	2.0	0.0%
4	119.0	8.9	0.5	21.7	1.1	0.0%
5	119.0	8.5	0.4	49.0	1.1	0.0%
6	119.0	11.1	0.6	49.0	2.0	0.0%
7	119.0	7.8	0.4	49.0	2.0	0.0%
8	119.0	12.0	0.6	49.0	2.0	0.0%
9	119.0	8.7	0.5	49.0	2.0	0.0%
10	119.0	11.1	0.5	49.0	2.0	0.0%
Average:	**119.0**	**9.7**	**0.5**	**46.3**	**1.8**	**0.0%**
NEB T on Dorchester Avenue - Lane ID 151						
1	119.0	4.0	0.2	17.1	1.0	0.0%
2	119.0	6.4	0.4	17.8	1.0	0.0%
3	119.0	5.5	0.3	16.5	1.0	0.0%
4	119.0	6.6	0.3	19.2	1.0	0.0%
5	119.0	5.1	0.3	18.3	1.0	0.0%
6	119.0	4.1	0.3	16.7	1.0	0.0%
7	119.0	5.3	0.3	16.9	1.0	0.0%
8	119.0	4.6	0.3	17.5	1.0	0.0%
9	119.0	4.2	0.2	17.7	1.0	0.0%
10	119.0	5.2	0.3	17.5	1.0	0.0%
Average:	**119.0**	**5.1**	**0.3**	**17.5**	**1.0**	**0.0%**

71 ON-RAMP, US 42, EDEN PARK DR & DORCHESTER AVENUE — NODE: 10

Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
NWB T on US 42 - Lane ID 242						
1	119.0	21.4	0.9	96.8	4.0	0.0%
2	119.0	20.0	0.8	109.8	4.0	0.0%
3	119.0	22.3	1.0	99.7	4.0	0.0%
4	119.0	17.3	0.7	93.7	3.1	0.0%
5	119.0	16.7	0.7	96.1	4.0	0.0%
6	119.0	21.4	0.9	105.3	4.0	0.0%
7	119.0	16.1	0.7	86.1	4.0	0.0%
8	119.0	17.1	0.7	89.9	3.1	0.0%
9	119.0	19.3	0.8	99.6	4.0	0.0%
10	119.0	17.2	0.7	122.6	5.0	0.0%
Average:	**119.0**	**18.9**	**0.8**	**100.0**	**3.9**	**0.0%**
NWB T on US 42 - Lane ID 243						
1	119.0	19.4	0.9	82.4	3.1	0.0%
2	119.0	19.6	0.9	79.2	3.0	0.0%
3	119.0	20.2	0.9	72.4	3.0	0.0%
4	119.0	22.0	0.9	99.8	3.0	0.0%
5	119.0	17.2	0.7	84.2	3.0	0.0%
6	119.0	17.3	0.7	89.7	3.0	0.0%
7	119.0	14.8	0.6	86.0	3.0	0.0%
8	119.0	20.8	0.9	92.2	3.1	0.0%
9	119.0	19.9	0.9	74.2	3.0	0.0%
10	119.0	16.9	0.7	80.8	3.0	0.0%
Average:	**119.0**	**18.8**	**0.8**	**84.1**	**3.0**	**0.0%**
NWB TR on US 42 - Lane ID 244						
1	119.0	51.4	1.9	155.2	5.0	6.7%
2	119.0	46.5	1.9	136.5	5.0	2.5%
3	119.0	50.6	2.0	166.4	6.0	7.6%
4	119.0	45.1	1.9	142.9	5.1	4.2%
5	119.0	46.3	1.8	148.9	5.1	5.0%
6	119.0	53.8	2.1	165.0	6.0	6.7%
7	119.0	53.4	2.0	159.1	5.1	7.6%
8	119.0	48.1	2.0	153.0	6.0	6.7%
9	119.0	58.4	2.3	174.1	6.1	10.1%
10	119.0	48.1	1.8	151.8	6.0	8.4%
Average:	**119.0**	**50.2**	**2.0**	**155.3**	**5.5**	**6.6%**
SB L on US 42 - Lane ID 234						
1	119.0	14.5	0.7	47.2	2.0	0.0%
2	119.0	15.4	0.8	46.1	2.0	0.0%
3	119.0	12.9	0.7	43.0	2.0	0.0%
4	119.0	13.9	0.7	45.5	2.0	0.0%

71 ON-RAMP, US 42, EDEN PARK DR & DORCHESTER AVENUE — NODE: 10

Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
SB L on US 42 - Lane ID 234						
5	119.0	15.2	0.8	45.9	2.0	0.0%
6	119.0	15.4	0.7	54.0	2.0	0.0%
7	119.0	15.5	0.8	46.9	2.0	0.0%
8	119.0	15.7	0.7	52.9	2.0	0.0%
9	119.0	13.7	0.7	47.7	2.0	0.0%
10	119.0	15.3	0.8	42.9	2.0	0.0%
Average:	**119.0**	**14.8**	**0.7**	**47.2**	**2.0**	**0.0%**
SB L on US 42 - Lane ID 235						
1	119.0	85.7	3.2	310.2	11.1	0.8%
2	119.0	78.1	3.0	269.0	10.1	0.8%
3	119.0	66.7	2.5	294.7	9.1	0.0%
4	119.0	65.6	2.5	282.3	10.0	0.0%
5	119.0	78.1	3.0	302.5	11.1	0.0%
6	119.0	70.6	2.6	293.3	11.0	0.0%
7	119.0	64.1	2.4	311.4	10.1	0.0%
8	119.0	66.4	2.5	262.2	10.0	0.8%
9	119.0	96.3	3.5	356.5	11.0	1.7%
10	119.0	60.0	2.3	243.0	9.0	0.0%
Average:	**119.0**	**73.2**	**2.8**	**292.5**	**10.3**	**0.4%**
SB T on US 42 - Lane ID 219						
1	119.0	28.6	1.1	100.7	4.0	0.8%
2	119.0	28.9	1.2	105.6	4.0	0.0%
3	119.0	25.1	1.0	117.7	5.0	0.0%
4	119.0	20.6	0.9	98.1	4.0	0.0%
5	119.0	26.5	1.1	107.6	4.0	0.0%
6	119.0	23.7	0.9	103.0	4.0	0.0%
7	119.0	24.8	1.0	102.1	4.0	0.0%
8	119.0	24.1	1.0	105.4	4.0	0.0%
9	119.0	21.3	1.0	87.8	4.0	0.0%
10	119.0	21.0	0.9	98.3	4.0	0.0%
Average:	**119.0**	**24.5**	**1.0**	**102.6**	**4.1**	**0.1%**
SB TR on US 42 - Lane ID 220						
1	119.0	62.7	2.3	221.5	8.1	0.0%
2	119.0	53.8	2.1	222.4	7.1	0.0%
3	119.0	41.3	1.6	176.4	6.1	0.0%
4	119.0	40.7	1.6	179.2	7.0	0.0%
5	119.0	49.5	2.0	186.9	8.0	0.0%
6	119.0	42.7	1.6	174.5	7.0	0.0%
7	119.0	44.5	1.7	194.3	7.0	0.0%
8	119.0	42.6	1.7	187.6	7.0	0.0%

71 ON-RAMP, US 42, EDEN PARK DR & DORCHESTER AVENUE — NODE: 10

Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
SB TR on US 42 - Lane ID 220						
9	119.0	64.3	2.4	250.4	8.0	0.0%
10	119.0	41.5	1.6	163.7	6.0	0.0%
Average:	**119.0**	**48.4**	**1.9**	**195.7**	**7.1**	**0.0%**
SEB R on Dorchester Avenue - Lane ID 155						
1	119.0	2.3	0.1	15.0	1.0	0.0%
2	119.0	2.4	0.1	17.9	1.0	0.0%
3	119.0	2.6	0.1	16.9	1.0	0.0%
4	119.0	1.9	0.1	14.8	1.0	0.0%
5	119.0	2.1	0.1	17.5	1.0	0.0%
6	119.0	1.8	0.1	16.3	1.0	0.0%
7	119.0	3.1	0.2	16.9	1.0	0.0%
8	119.0	2.2	0.1	15.7	1.0	0.0%
9	119.0	2.8	0.1	18.7	1.0	0.0%
10	119.0	2.0	0.1	16.9	1.0	0.0%
Average:	**119.0**	**2.3**	**0.1**	**16.7**	**1.0**	**0.0%**
SWB L on Eden Park Dr - Lane ID 135						
1	119.0	16.2	0.7	76.7	3.0	0.0%
2	119.0	16.6	0.8	73.0	3.0	0.0%
3	119.0	15.2	0.7	67.7	3.0	0.0%
4	119.0	14.7	0.7	69.4	3.0	0.0%
5	119.0	12.9	0.6	58.6	2.1	0.0%
6	119.0	13.7	0.7	47.1	2.0	0.0%
7	119.0	16.5	0.7	69.2	3.0	0.0%
8	119.0	11.9	0.6	46.2	2.0	0.0%
9	119.0	10.7	0.5	44.6	2.0	0.0%
10	119.0	20.0	0.8	70.6	3.0	0.0%
Average:	**119.0**	**14.8**	**0.7**	**62.3**	**2.6**	**0.0%**
SWB T on Eden Park Dr - Lane ID 65						
1	119.0	7.0	0.4	21.9	1.0	0.0%
2	119.0	10.4	0.5	40.5	2.0	0.0%
3	119.0	8.5	0.4	35.7	1.0	0.0%
4	119.0	11.7	0.6	45.8	2.0	0.0%
5	119.0	8.2	0.5	18.4	1.0	0.0%
6	119.0	7.8	0.4	22.7	1.0	0.0%
7	119.0	9.4	0.5	44.3	1.1	0.0%
8	119.0	9.8	0.5	45.0	2.0	0.0%
9	119.0	7.6	0.4	41.7	2.0	0.0%
10	119.0	7.9	0.4	18.5	1.0	0.0%
Average:	**119.0**	**8.8**	**0.5**	**33.5**	**1.4**	**0.0%**

71 ON-RAMP, US 42, EDEN PARK DR & DORCHESTER AVENUE — NODE: 10

Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
SWB TR on Eden Park Dr - Lane ID 66						
1	119.0	15.0	0.7	47.2	2.0	0.0%
2	119.0	17.7	0.8	65.9	2.0	0.0%
3	119.0	16.6	0.8	52.6	2.0	0.0%
4	119.0	17.4	0.8	48.4	2.0	0.0%
5	119.0	13.6	0.7	56.2	2.1	0.0%
6	119.0	19.5	0.8	66.8	2.1	0.0%
7	119.0	16.5	0.8	47.7	2.0	0.0%
8	119.0	17.1	0.8	51.8	2.0	0.0%
9	119.0	13.7	0.7	46.7	2.0	0.0%
10	119.0	14.8	0.7	50.1	2.0	0.0%
Average:	**119.0**	**16.2**	**0.8**	**53.3**	**2.0**	**0.0%**

ELSINORE PL & US 42 — NODE: 18

Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
NEB R on [Unnamed Street] - Lane ID 389						
1	119.0	4.0	0.2	20.1	1.1	0.0%
2	119.0	2.6	0.1	17.3	1.0	0.0%
3	119.0	3.8	0.2	19.1	1.1	0.0%
4	119.0	3.5	0.1	19.3	1.0	0.0%
5	119.0	3.5	0.2	26.7	1.0	0.0%
6	119.0	3.9	0.2	18.3	1.0	0.0%
7	119.0	4.0	0.2	36.6	2.0	0.0%
8	119.0	2.2	0.1	14.6	1.0	0.0%
9	119.0	5.9	0.2	44.7	2.0	0.0%
10	119.0	4.1	0.2	42.4	1.1	0.0%
Average:	**119.0**	**3.8**	**0.2**	**25.9**	**1.2**	**0.0%**
NEB T on [Unnamed Street] - Lane ID 386						
1	119.0	12.9	0.6	76.6	3.0	0.0%
2	119.0	8.8	0.4	67.6	3.0	0.0%
3	119.0	16.6	0.7	94.5	3.1	0.0%
4	119.0	9.0	0.4	70.6	3.0	0.0%
5	119.0	11.3	0.5	85.9	3.0	0.0%
6	119.0	13.0	0.6	66.9	3.0	0.0%
7	119.0	11.8	0.5	94.5	4.0	0.0%
8	119.0	6.0	0.3	44.1	2.0	0.0%
9	119.0	12.4	0.4	88.8	3.1	0.0%
10	119.0	10.6	0.5	70.5	3.0	0.0%
Average:	**119.0**	**11.2**	**0.5**	**76.0**	**3.0**	**0.0%**
NEB T on [Unnamed Street] - Lane ID 387						
1	119.0	55.5	2.0	306.7	11.0	0.0%

ELSINORE PL & US 42 — NODE: 18

Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
NEB T on [Unnamed Street] - Lane ID 387						
2	119.0	41.5	1.5	262.9	10.0	0.0%
3	119.0	51.9	1.8	243.3	9.0	0.0%
4	119.0	34.5	1.3	221.2	9.0	0.0%
5	119.0	45.1	1.7	245.2	9.0	0.0%
6	119.0	53.0	1.9	248.3	9.0	0.0%
7	119.0	48.0	1.8	252.2	10.0	0.0%
8	119.0	44.5	1.6	241.0	8.0	0.0%
9	119.0	43.8	1.7	235.1	9.0	0.0%
10	119.0	48.6	1.8	260.5	9.1	0.0%
Average:	**119.0**	**46.6**	**1.7**	**251.6**	**9.3**	**0.0%**
NEB T on [Unnamed Street] - Lane ID 388						
1	119.0	25.3	1.0	188.9	7.1	0.0%
2	119.0	16.3	0.7	98.0	4.0	0.0%
3	119.0	29.7	1.2	210.6	6.0	0.0%
4	119.0	12.6	0.5	77.8	3.0	0.0%
5	119.0	18.0	0.8	104.3	4.1	0.0%
6	119.0	24.2	0.9	172.4	6.0	0.0%
7	119.0	16.0	0.7	109.7	4.0	0.0%
8	119.0	12.8	0.6	75.0	3.0	0.0%
9	119.0	14.8	0.6	97.4	4.0	0.0%
10	119.0	18.2	0.7	102.5	4.0	0.0%
Average:	**119.0**	**18.8**	**0.8**	**123.7**	**4.5**	**0.0%**
SWB L on US 42 - Lane ID 256						
1	119.0	17.4	0.8	68.4	3.0	0.0%
2	119.0	21.8	1.0	73.0	3.0	0.0%
3	119.0	18.0	0.8	76.2	3.0	0.0%
4	119.0	18.9	0.8	71.6	3.0	0.0%
5	119.0	20.3	0.9	80.2	3.0	0.0%
6	119.0	17.5	0.8	72.8	3.0	0.0%
7	119.0	17.8	0.8	76.6	3.0	0.0%
8	119.0	16.9	0.8	63.6	3.0	0.0%
9	119.0	20.1	0.9	77.5	3.0	0.0%
10	119.0	15.3	0.7	65.6	3.0	0.0%
Average:	**119.0**	**18.4**	**0.8**	**72.6**	**3.0**	**0.0%**
SWB T on US 42 - Lane ID 257						
1	119.0	227.4	7.7	632.5	22.0	0.0%
2	119.0	281.2	9.6	719.4	26.0	0.0%
3	119.0	377.9	13.0	946.3	30.0	14.3%
4	119.0	205.0	7.6	574.6	21.0	0.0%
5	119.0	301.4	10.4	759.9	26.0	0.8%

ELSINORE PL & US 42 — NODE: 18

Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
SWB T on US 42 - Lane ID 257						
6	119.0	166.4	5.9	626.7	22.0	0.0%
7	119.0	375.9	12.2	924.1	27.1	5.0%
8	119.0	272.4	9.6	683.6	23.1	0.0%
9	119.0	351.4	11.8	853.5	27.2	5.0%
10	119.0	240.7	8.4	584.9	20.1	0.0%
Average:	**119.0**	**280.0**	**9.6**	**730.6**	**24.5**	**2.5%**
SWB T on US 42 - Lane ID 258						
1	119.0	66.9	2.5	342.9	13.0	0.0%
2	119.0	91.1	3.3	448.9	15.1	0.0%
3	119.0	146.7	4.9	655.0	21.1	0.0%
4	119.0	55.2	2.2	256.1	10.1	0.0%
5	119.0	109.9	4.0	449.1	15.0	0.0%
6	119.0	66.2	2.5	313.1	11.1	0.0%
7	119.0	139.5	5.0	501.3	18.1	0.0%
8	119.0	94.2	3.4	415.9	15.2	0.0%
9	119.0	118.2	4.4	518.0	18.1	0.0%
10	119.0	64.4	2.4	240.3	9.1	0.0%
Average:	**119.0**	**95.2**	**3.5**	**414.1**	**14.6**	**0.0%**
SWB T on US 42 - Lane ID 378						
1	119.0	11.2	0.5	69.2	3.0	0.0%
2	119.0	21.8	0.8	134.1	5.0	0.0%
3	119.0	32.0	1.2	168.1	7.0	0.0%
4	119.0	13.4	0.6	75.9	3.0	0.0%
5	119.0	32.3	1.3	221.4	7.1	0.0%
6	119.0	14.3	0.6	98.1	3.0	0.0%
7	119.0	31.0	1.2	182.9	7.0	0.0%
8	119.0	22.2	0.9	156.8	6.0	0.0%
9	119.0	33.1	1.2	221.4	6.1	0.0%
10	119.0	14.1	0.6	86.0	3.0	0.0%
Average:	**119.0**	**22.5**	**0.9**	**141.4**	**5.0**	**0.0%**
WB L on Elsinore Pl - Lane ID 296						
1	119.0	94.1	3.3	251.7	8.0	0.0%
2	119.0	99.1	3.5	213.2	7.0	0.0%
3	119.0	115.7	4.3	243.6	9.0	0.0%
4	119.0	89.7	3.4	220.0	7.0	0.0%
5	119.0	56.2	2.4	124.6	5.0	0.0%
6	119.0	53.6	2.3	155.8	7.0	0.0%
7	119.0	86.8	3.5	169.5	6.1	0.0%
8	119.0	78.3	3.2	163.1	6.1	0.0%
9	119.0	105.7	4.1	207.1	8.1	0.0%

ELSINORE PL & US 42 NODE: 18

Run	Observations	Avg Queue Length (ft)	Avg Vehicles Queued	95th Percentile Length (ft)	95th Percentile Num Queued	Spillback Rate (%)
WB L on Elsinore Pl - Lane ID 296						
10	119.0	89.0	3.4	188.3	7.0	0.0%
Average:	**119.0**	**86.8**	**3.3**	**193.7**	**7.0**	**0.0%**
WB L on Elsinore Pl - Lane ID 297						
1	119.0	23.0	1.0	101.8	4.0	0.0%
2	119.0	26.7	1.1	78.6	3.0	0.0%
3	119.0	28.8	1.2	110.2	4.0	0.0%
4	119.0	23.3	1.0	73.9	3.0	0.0%
5	119.0	16.6	0.8	51.1	2.1	0.0%
6	119.0	15.7	0.7	65.6	2.0	0.0%
7	119.0	19.8	0.9	69.6	3.0	0.0%
8	119.0	17.1	0.8	54.0	2.1	0.0%
9	119.0	28.0	1.3	99.9	4.0	0.0%
10	119.0	26.6	1.1	94.8	3.0	0.0%
Average:	**119.0**	**22.6**	**1.0**	**80.0**	**3.0**	**0.0%**
WB R on Elsinore Pl - Lane ID 302						
1	119.0	4.1	0.2	18.8	1.0	0.0%
2	119.0	4.5	0.2	43.2	2.0	0.0%
3	119.0	6.0	0.3	44.7	2.0	0.0%
4	119.0	4.2	0.2	18.8	1.0	0.0%
5	119.0	2.1	0.1	16.4	1.0	0.0%
6	119.0	5.1	0.2	40.9	2.0	0.0%
7	119.0	3.0	0.2	17.0	1.0	0.0%
8	119.0	4.0	0.2	17.6	1.0	0.0%
9	119.0	5.5	0.3	41.6	2.0	0.0%
10	119.0	4.3	0.2	40.0	2.0	0.0%
Average:	**119.0**	**4.3**	**0.2**	**29.9**	**1.5**	**0.0%**

Project: US 42 NoBuild
Scenario: PM Peak
Run(s): Batch (10 runs)
Simulated: Various
Time: 16:45:00 - 17:45:00
Interval: Summary
Selection: --

Lane Queue by Intersection - Avg Queue

471 SB ON-RAMP, E LIBERTY ST & US 42 — NODE: 22

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
SWB T	334	[Unnamed Street]	19.3	3.8	13.8	25.1	10
SWB T	335	[Unnamed Street]	38.9	7.8	30.7	52.8	10
WB L	336	[Unnamed Street]	21.7	1.9	18.2	24.4	10
WB T	337	[Unnamed Street]	46.7	3.0	43.5	53.2	10
WB T	338	[Unnamed Street]	48.4	2.5	43.9	52.0	10
NB T	344	[Unnamed Street]	0.0	0.0	0.0	0.0	10
SWB R	346	[Unnamed Street]	12.8	2.7	7.9	16.1	10
SWB L	372	[Unnamed Street]	409.4	14.2	377.0	424.4	10

471 SB ON-RAMP, E LIBERTY ST & US 42 — NODE: 22

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
EB L	354	E Liberty St	71.9	5.6	62.2	80.4	10
EB L	355	E Liberty St	93.2	3.5	88.4	98.7	10
EB T	356	E Liberty St	139.9	6.0	133.2	151.3	10
EB R	357	E Liberty St	14.7	2.2	12.0	18.1	10

471 SB ON-RAMP, E LIBERTY ST & US 42 — NODE: 22

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
NEB T	305	US 42	106.2	10.5	91.6	124.5	10
NEB T	306	US 42	136.8	15.6	115.7	166.2	10
NEB TR	307	US 42	210.7	37.6	155.5	279.0	10

71 ON-RAMP, US 42, EDEN PARK DR & DORCHESTER AVENUE — NODE: 10

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
NEB L	149	Dorchester Avenue	3.0	0.8	2.2	4.4	10
NEB T	150	Dorchester Avenue	9.7	1.7	7.4	12.1	10
NEB T	151	Dorchester Avenue	5.1	0.9	4.0	6.6	10
NEB R	154	Dorchester Avenue	28.0	3.8	22.3	34.3	10
SEB R	155	Dorchester Avenue	2.3	0.4	1.8	3.1	10

71 ON-RAMP, US 42, EDEN PARK DR & DORCHESTER AVENUE — NODE: 10

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples

71 ON-RAMP, US 42, EDEN PARK DR & DORCHESTER AVENUE — NODE: 10

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
SWB T	65	Eden Park Dr	8.8	1.5	7.0	11.7	10
SWB TR	66	Eden Park Dr	16.2	1.9	13.6	19.5	10
SWB L	135	Eden Park Dr	14.8	2.7	10.7	20.0	10

71 ON-RAMP, US 42, EDEN PARK DR & DORCHESTER AVENUE — NODE: 10

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
SB T	219	US 42	24.5	3.0	20.6	28.9	10
SB TR	220	US 42	48.4	9.0	40.7	64.3	10
SB L	234	US 42	14.8	1.0	12.9	15.7	10
SB L	235	US 42	73.2	11.3	60.0	96.3	10
NWB T	242	US 42	18.9	2.3	16.1	22.3	10
NWB T	243	US 42	18.8	2.2	14.8	22.0	10
NWB TR	244	US 42	50.2	4.2	45.1	58.4	10

ELSINORE PL & US 42 — NODE: 18

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
NEB T	386	[Unnamed Street]	11.2	2.9	6.0	16.6	10
NEB T	387	[Unnamed Street]	46.6	6.2	34.5	55.5	10
NEB T	388	[Unnamed Street]	18.8	5.7	12.6	29.7	10
NEB R	389	[Unnamed Street]	3.8	1.0	2.2	5.9	10

ELSINORE PL & US 42 — NODE: 18

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
WB L	296	Elsinore Pl	86.8	19.8	53.6	115.7	10
WB L	297	Elsinore Pl	22.6	5.0	15.7	28.8	10
WB R	302	Elsinore Pl	4.3	1.1	2.1	6.0	10

ELSINORE PL & US 42 — NODE: 18

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
SWB L	256	US 42	18.4	1.9	15.3	21.8	10
SWB T	257	US 42	280.0	72.4	166.4	377.9	10
SWB T	258	US 42	95.2	32.6	55.2	146.7	10
SWB T	378	US 42	22.5	8.9	11.2	33.1	10

Project: US 42 NoBuild
Scenario: PM Peak
Run(s): Batch (10 runs)
Simulated: Various
Time: 16:45:00 - 17:45:00
Interval: Summary
Selection: --

Lane Queue by Intersection - Avg Num Queued

471 SB ON-RAMP, E LIBERTY ST & US 42 — NODE: 22

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
SWB T	334	[Unnamed Street]	0.8	0.1	0.6	1.0	10
SWB T	335	[Unnamed Street]	1.5	0.3	1.2	1.9	10
WB L	336	[Unnamed Street]	1.1	0.1	0.9	1.2	10
WB T	337	[Unnamed Street]	2.0	0.1	1.9	2.2	10
WB T	338	[Unnamed Street]	2.0	0.1	1.8	2.1	10
NB T	344	[Unnamed Street]	0.0	0.0	0.0	0.0	10
SWB R	346	[Unnamed Street]	0.5	0.1	0.3	0.6	10
SWB L	372	[Unnamed Street]	14.6	0.5	13.5	15.1	10

471 SB ON-RAMP, E LIBERTY ST & US 42 — NODE: 22

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
EB L	354	E Liberty St	2.8	0.2	2.5	3.2	10
EB L	355	E Liberty St	3.6	0.2	3.3	3.8	10
EB T	356	E Liberty St	5.2	0.2	5.0	5.7	10
EB R	357	E Liberty St	0.7	0.1	0.6	0.9	10

471 SB ON-RAMP, E LIBERTY ST & US 42 — NODE: 22

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
NEB T	305	US 42	4.1	0.4	3.5	4.7	10
NEB T	306	US 42	5.0	0.5	4.2	6.0	10
NEB TR	307	US 42	7.7	1.3	5.7	10.1	10

71 ON-RAMP, US 42, EDEN PARK DR & DORCHESTER AVENUE — NODE: 10

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
NEB L	149	Dorchester Avenue	0.2	0.1	0.1	0.3	10
NEB T	150	Dorchester Avenue	0.5	0.1	0.4	0.6	10
NEB T	151	Dorchester Avenue	0.3	0.1	0.2	0.4	10
NEB R	154	Dorchester Avenue	1.2	0.1	1.0	1.4	10
SEB R	155	Dorchester Avenue	0.1	0.0	0.1	0.2	10

71 ON-RAMP, US 42, EDEN PARK DR & DORCHESTER AVENUE — NODE: 10

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples

71 ON-RAMP, US 42, EDEN PARK DR & DORCHESTER AVENUE — NODE: 10

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
SWB T	65	Eden Park Dr	0.5	0.1	0.4	0.6	10
SWB TR	66	Eden Park Dr	0.8	0.1	0.7	0.8	10
SWB L	135	Eden Park Dr	0.7	0.1	0.5	0.8	10

71 ON-RAMP, US 42, EDEN PARK DR & DORCHESTER AVENUE — NODE: 10

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
SB T	219	US 42	1.0	0.1	0.9	1.2	10
SB TR	220	US 42	1.9	0.3	1.6	2.4	10
SB L	234	US 42	0.7	0.1	0.7	0.8	10
SB L	235	US 42	2.8	0.4	2.3	3.5	10
NWB T	242	US 42	0.8	0.1	0.7	1.0	10
NWB T	243	US 42	0.8	0.1	0.6	0.9	10
NWB TR	244	US 42	2.0	0.1	1.8	2.3	10

ELSINORE PL & US 42 — NODE: 18

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
NEB T	386	[Unnamed Street]	0.5	0.1	0.3	0.7	10
NEB T	387	[Unnamed Street]	1.7	0.2	1.3	2.0	10
NEB T	388	[Unnamed Street]	0.8	0.2	0.5	1.2	10
NEB R	389	[Unnamed Street]	0.2	0.0	0.1	0.2	10

ELSINORE PL & US 42 — NODE: 18

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
WB L	296	Elsinore Pl	3.3	0.6	2.3	4.3	10
WB L	297	Elsinore Pl	1.0	0.2	0.7	1.3	10
WB R	302	Elsinore Pl	0.2	0.1	0.1	0.3	10

ELSINORE PL & US 42 — NODE: 18

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
SWB L	256	US 42	0.8	0.1	0.7	1.0	10
SWB T	257	US 42	9.6	2.3	5.9	13.0	10
SWB T	258	US 42	3.5	1.1	2.2	5.0	10
SWB T	378	US 42	0.9	0.3	0.5	1.3	10

Project: US 42 NoBuild
Scenario: PM Peak
Run(s): Batch (10 runs)
Simulated: Various
Time: 16:45:00 - 17:45:00
Interval: Summary
Selection: --

Lane Queue by Intersection - Percentile Queue

471 SB ON-RAMP, E LIBERTY ST & US 42 — NODE: 22

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
SWB T	334	[Unnamed Street]	107.1	23.6	66.8	150.3	10
SWB T	335	[Unnamed Street]	189.2	26.0	157.8	229.6	10
WB L	336	[Unnamed Street]	61.6	8.6	49.9	72.9	10
WB T	337	[Unnamed Street]	120.9	6.6	104.8	129.5	10
WB T	338	[Unnamed Street]	122.6	12.4	104.6	144.0	10
NB T	344	[Unnamed Street]	0.0	0.0	0.0	0.0	10
SWB R	346	[Unnamed Street]	99.1	25.1	68.8	140.1	10
SWB L	372	[Unnamed Street]	797.7	0.8	796.9	800.0	10

471 SB ON-RAMP, E LIBERTY ST & US 42 — NODE: 22

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
EB L	354	E Liberty St	193.9	10.2	177.4	210.3	10
EB L	355	E Liberty St	216.1	7.5	207.1	227.9	10
EB T	356	E Liberty St	356.3	21.6	317.3	384.5	10
EB R	357	E Liberty St	52.5	8.9	45.0	72.0	10

471 SB ON-RAMP, E LIBERTY ST & US 42 — NODE: 22

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
NEB T	305	US 42	268.6	23.1	232.5	303.5	10
NEB T	306	US 42	313.9	19.9	290.8	358.0	10
NEB TR	307	US 42	460.8	75.9	365.7	606.5	10

71 ON-RAMP, US 42, EDEN PARK DR & DORCHESTER AVENUE — NODE: 10

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
NEB L	149	Dorchester Avenue	17.1	0.7	16.0	18.3	10
NEB T	150	Dorchester Avenue	46.3	8.6	21.7	49.0	10
NEB T	151	Dorchester Avenue	17.5	0.8	16.5	19.2	10
NEB R	154	Dorchester Avenue	98.7	17.1	75.0	135.5	10
SEB R	155	Dorchester Avenue	16.7	1.2	14.8	18.7	10

71 ON-RAMP, US 42, EDEN PARK DR & DORCHESTER AVENUE — NODE: 10

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples

71 ON-RAMP, US 42, EDEN PARK DR & DORCHESTER AVENUE — NODE: 10

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
SWB T	65	Eden Park Dr	33.5	11.7	18.4	45.8	10
SWB TR	66	Eden Park Dr	53.3	7.4	46.7	66.8	10
SWB L	135	Eden Park Dr	62.3	12.2	44.6	76.7	10

71 ON-RAMP, US 42, EDEN PARK DR & DORCHESTER AVENUE — NODE: 10

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
SB T	219	US 42	102.6	7.7	87.8	117.7	10
SB TR	220	US 42	195.7	27.1	163.7	250.4	10
SB L	234	US 42	47.2	3.7	42.9	54.0	10
SB L	235	US 42	292.5	31.4	243.0	356.5	10
NWB T	242	US 42	100.0	10.5	86.1	122.6	10
NWB T	243	US 42	84.1	8.3	72.4	99.8	10
NWB TR	244	US 42	155.3	11.3	136.5	174.1	10

ELSINORE PL & US 42 — NODE: 18

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
NEB T	386	[Unnamed Street]	76.0	15.6	44.1	94.5	10
NEB T	387	[Unnamed Street]	251.6	22.8	221.2	306.7	10
NEB T	388	[Unnamed Street]	123.7	48.3	75.0	210.6	10
NEB R	389	[Unnamed Street]	25.9	11.2	14.6	44.7	10

ELSINORE PL & US 42 — NODE: 18

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
WB L	296	Elsinore Pl	193.7	40.6	124.6	251.7	10
WB L	297	Elsinore Pl	80.0	20.7	51.1	110.2	10
WB R	302	Elsinore Pl	29.9	12.9	16.4	44.7	10

ELSINORE PL & US 42 — NODE: 18

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
SWB L	256	US 42	72.6	5.4	63.6	80.2	10
SWB T	257	US 42	730.6	136.7	574.6	946.3	10
SWB T	258	US 42	414.1	128.8	240.3	655.0	10
SWB T	378	US 42	141.4	57.7	69.2	221.4	10

Project: US 42 NoBuild
Scenario: PM Peak
Run(s): Batch (10 runs)
Simulated: Various
Time: 16:45:00 - 17:45:00
Interval: Summary
Selection: --

Lane Queue by Intersection - Percentile Num Queued

471 SB ON-RAMP, E LIBERTY ST & US 42 — NODE: 22

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
SWB T	334	[Unnamed Street]	4.0	0.9	3.0	6.0	10
SWB T	335	[Unnamed Street]	7.1	0.9	6.0	9.0	10
WB L	336	[Unnamed Street]	2.7	0.5	2.0	3.0	10
WB T	337	[Unnamed Street]	4.9	0.3	4.0	5.0	10
WB T	338	[Unnamed Street]	4.6	0.5	4.0	5.0	10
NB T	344	[Unnamed Street]	0.0	0.0	0.0	0.0	10
SWB R	346	[Unnamed Street]	3.8	0.8	3.0	5.1	10
SWB L	372	[Unnamed Street]	29.6	0.5	29.0	30.0	10

471 SB ON-RAMP, E LIBERTY ST & US 42 — NODE: 22

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
EB L	354	E Liberty St	7.1	0.3	7.0	8.0	10
EB L	355	E Liberty St	8.0	0.0	8.0	8.0	10
EB T	356	E Liberty St	13.0	0.5	12.0	14.0	10
EB R	357	E Liberty St	2.0	0.0	2.0	2.0	10

471 SB ON-RAMP, E LIBERTY ST & US 42 — NODE: 22

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
NEB T	305	US 42	10.1	0.9	9.0	11.0	10
NEB T	306	US 42	11.0	0.7	10.0	12.0	10
NEB TR	307	US 42	16.6	2.4	13.0	21.0	10

71 ON-RAMP, US 42, EDEN PARK DR & DORCHESTER AVENUE — NODE: 10

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
NEB L	149	Dorchester Avenue	1.0	0.0	1.0	1.0	10
NEB T	150	Dorchester Avenue	1.8	0.4	1.1	2.0	10
NEB T	151	Dorchester Avenue	1.0	0.0	1.0	1.0	10
NEB R	154	Dorchester Avenue	3.7	0.7	3.0	5.0	10
SEB R	155	Dorchester Avenue	1.0	0.0	1.0	1.0	10

71 ON-RAMP, US 42, EDEN PARK DR & DORCHESTER AVENUE — NODE: 10

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples

71 ON-RAMP, US 42, EDEN PARK DR & DORCHESTER AVENUE — NODE: 10

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
SWB T	65	Eden Park Dr	1.4	0.5	1.0	2.0	10
SWB TR	66	Eden Park Dr	2.0	0.0	2.0	2.1	10
SWB L	135	Eden Park Dr	2.6	0.5	2.0	3.0	10

71 ON-RAMP, US 42, EDEN PARK DR & DORCHESTER AVENUE — NODE: 10

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
SB T	219	US 42	4.1	0.3	4.0	5.0	10
SB TR	220	US 42	7.1	0.7	6.0	8.1	10
SB L	234	US 42	2.0	0.0	2.0	2.0	10
SB L	235	US 42	10.3	0.8	9.0	11.1	10
NWB T	242	US 42	3.9	0.5	3.1	5.0	10
NWB T	243	US 42	3.0	0.0	3.0	3.1	10
NWB TR	244	US 42	5.5	0.5	5.0	6.1	10

ELSINORE PL & US 42 — NODE: 18

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
NEB T	386	[Unnamed Street]	3.0	0.5	2.0	4.0	10
NEB T	387	[Unnamed Street]	9.3	0.8	8.0	11.0	10
NEB T	388	[Unnamed Street]	4.5	1.4	3.0	7.1	10
NEB R	389	[Unnamed Street]	1.2	0.4	1.0	2.0	10

ELSINORE PL & US 42 — NODE: 18

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
WB L	296	Elsinore Pl	7.0	1.1	5.0	9.0	10
WB L	297	Elsinore Pl	3.0	0.8	2.0	4.0	10
WB R	302	Elsinore Pl	1.5	0.5	1.0	2.0	10

ELSINORE PL & US 42 — NODE: 18

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
SWB L	256	US 42	3.0	0.0	3.0	3.0	10
SWB T	257	US 42	24.5	3.2	20.1	30.0	10
SWB T	258	US 42	14.6	3.8	9.1	21.1	10
SWB T	378	US 42	5.0	1.8	3.0	7.1	10

Project: US 42 NoBuild
Scenario: PM Peak
Run(s): Batch (10 runs)
Simulated: Various
Time: 16:45:00 - 17:45:00
Interval: Summary
Selection: --

Lane Queue by Intersection - Spillback Rate

471 SB ON-RAMP, E LIBERTY ST & US 42 — NODE: 22

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
SWB T	334	[Unnamed Street]	0.0	0.0	0.0	0.0	10
SWB T	335	[Unnamed Street]	0.0	0.0	0.0	0.0	10
WB L	336	[Unnamed Street]	0.0	0.0	0.0	0.0	10
WB T	337	[Unnamed Street]	0.0	0.0	0.0	0.0	10
WB T	338	[Unnamed Street]	0.0	0.0	0.0	0.0	10
NB T	344	[Unnamed Street]	0.0	0.0	0.0	0.0	10
SWB R	346	[Unnamed Street]	0.0	0.0	0.0	0.0	10
SWB L	372	[Unnamed Street]	0.3	0.0	0.3	0.4	10

471 SB ON-RAMP, E LIBERTY ST & US 42 — NODE: 22

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
EB L	354	E Liberty St	0.0	0.0	0.0	0.0	10
EB L	355	E Liberty St	0.0	0.0	0.0	0.0	10
EB T	356	E Liberty St	0.0	0.0	0.0	0.0	10
EB R	357	E Liberty St	0.0	0.0	0.0	0.0	10

471 SB ON-RAMP, E LIBERTY ST & US 42 — NODE: 22

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
NEB T	305	US 42	0.0	0.0	0.0	0.0	10
NEB T	306	US 42	0.0	0.0	0.0	0.0	10
NEB TR	307	US 42	0.0	0.0	0.0	0.0	10

71 ON-RAMP, US 42, EDEN PARK DR & DORCHESTER AVENUE — NODE: 10

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
NEB L	149	Dorchester Avenue	0.0	0.0	0.0	0.0	10
NEB T	150	Dorchester Avenue	0.0	0.0	0.0	0.0	10
NEB T	151	Dorchester Avenue	0.0	0.0	0.0	0.0	10
NEB R	154	Dorchester Avenue	0.0	0.0	0.0	0.0	10
SEB R	155	Dorchester Avenue	0.0	0.0	0.0	0.0	10

71 ON-RAMP, US 42, EDEN PARK DR & DORCHESTER AVENUE — NODE: 10

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples

71 ON-RAMP, US 42, EDEN PARK DR & DORCHESTER AVENUE — NODE: 10

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
SWB T	65	Eden Park Dr	0.0	0.0	0.0	0.0	10
SWB TR	66	Eden Park Dr	0.0	0.0	0.0	0.0	10
SWB L	135	Eden Park Dr	0.0	0.0	0.0	0.0	10

71 ON-RAMP, US 42, EDEN PARK DR & DORCHESTER AVENUE — NODE: 10

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
SB T	219	US 42	0.0	0.0	0.0	0.0	10
SB TR	220	US 42	0.0	0.0	0.0	0.0	10
SB L	234	US 42	0.0	0.0	0.0	0.0	10
SB L	235	US 42	0.0	0.0	0.0	0.0	10
NWB T	242	US 42	0.0	0.0	0.0	0.0	10
NWB T	243	US 42	0.0	0.0	0.0	0.0	10
NWB TR	244	US 42	0.1	0.0	0.0	0.1	10

ELSINORE PL & US 42 — NODE: 18

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
NEB T	386	[Unnamed Street]	0.0	0.0	0.0	0.0	10
NEB T	387	[Unnamed Street]	0.0	0.0	0.0	0.0	10
NEB T	388	[Unnamed Street]	0.0	0.0	0.0	0.0	10
NEB R	389	[Unnamed Street]	0.0	0.0	0.0	0.0	10

ELSINORE PL & US 42 — NODE: 18

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
WB L	296	Elsinore Pl	0.0	0.0	0.0	0.0	10
WB L	297	Elsinore Pl	0.0	0.0	0.0	0.0	10
WB R	302	Elsinore Pl	0.0	0.0	0.0	0.0	10

ELSINORE PL & US 42 — NODE: 18

Movements	Lane ID	Street Name	Average	Std Deviation	Minimum	Maximum	# Samples
SWB L	256	US 42	0.0	0.0	0.0	0.0	10
SWB T	257	US 42	0.0	0.0	0.0	0.1	10
SWB T	258	US 42	0.0	0.0	0.0	0.0	10
SWB T	378	US 42	0.0	0.0	0.0	0.0	10