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

Intersection LOS by Lane Group - Overview

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

Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
EB L on E Liberty St: Superlink ID 47				
1	470.0	7.50	57.6	E
2	469.0	7.60	58.5	E
3	473.0	7.50	57.1	E
4	470.0	7.30	56.3	E
5	469.0	7.40	57.1	E
6	469.0	7.40	57.2	E
7	471.0	7.60	58.1	E
8	469.0	7.70	59.0	E
9	470.0	7.40	56.9	E
10	469.0	7.40	56.9	E
Average:	**469.9**	**7.48**	**57.5**	**E**
EB R on E Liberty St: Superlink ID 47				
1	74.0	0.80	41.3	D
2	74.0	0.70	31.8	C
3	74.0	0.60	31.3	C
4	74.0	0.70	34.0	C
5	74.0	0.70	35.3	D
6	73.0	0.70	33.2	C
7	74.0	0.80	38.1	D
8	75.0	0.70	34.0	C
9	74.0	0.80	40.0	D
10	74.0	0.60	31.4	C
Average:	**74.0**	**0.71**	**35.0**	**D**
EB T on E Liberty St: Superlink ID 47				
1	439.0	6.40	52.5	D
2	435.0	6.40	53.0	D
3	443.0	6.50	53.2	D
4	439.0	6.30	51.3	D
5	441.0	6.60	54.0	D
6	446.0	6.70	54.1	D
7	441.0	6.40	51.9	D
8	440.0	6.20	50.4	D
9	439.0	6.40	52.4	D
10	439.0	6.50	52.9	D

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

Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
Average:	**440.2**	**6.44**	**52.6**	**D**
NB CH on [Unnamed Street]: Superlink ID 55				
1	78.0	0.10	2.6	A
2	75.0	0.00	1.5	A
3	74.0	0.00	1.8	A
4	78.0	0.00	1.1	A
5	76.0	0.00	1.4	A
6	76.0	0.00	1.8	A
7	77.0	0.10	3.6	A
8	76.0	0.10	2.5	A
9	78.0	0.00	2.0	A
10	76.0	0.10	3.8	A
Average:	**76.4**	**0.04**	**2.2**	**A**
NEB T on US 42: Superlink ID 41				
1	626.0	12.00	68.8	E
2	613.0	11.40	66.7	E
3	612.0	11.30	66.6	E
4	607.0	9.80	58.0	E
5	595.0	9.50	57.3	E
6	606.0	10.10	60.1	E
7	628.0	10.50	60.0	E
8	591.0	9.60	58.6	E
9	615.0	9.70	56.8	E
10	616.0	11.10	64.7	E
Average:	**610.9**	**10.50**	**61.8**	**E**
NEB TR on US 42: Superlink ID 41				
1	383.0	13.40	126.4	F
2	382.0	11.70	110.2	F
3	394.0	11.60	106.3	F
4	395.0	8.50	77.9	E
5	410.0	8.00	70.0	E
6	397.0	9.90	89.5	F
7	380.0	10.80	102.6	F
8	412.0	8.40	73.0	E
9	387.0	10.70	99.7	F
10	385.0	10.80	100.8	F
Average:	**392.5**	**10.38**	**95.6**	**F**
SWB L on [Unnamed Street]: Superlink ID 54				
1	504.0	20.80	148.4	F
2	516.0	22.50	156.7	F
3	503.0	23.50	168.3	F

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

Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
4	513.0	22.50	157.7	F
5	506.0	22.20	157.9	F
6	517.0	20.30	141.6	F
7	509.0	23.40	165.3	F
8	516.0	22.30	155.4	F
9	500.0	22.90	164.9	F
10	523.0	22.00	151.2	F
Average:	**510.7**	**22.24**	**156.7**	**F**
SWB R on [Unnamed Street]: Superlink ID 54				
1	576.0	0.90	5.7	A
2	575.0	1.20	7.2	A
3	559.0	1.10	7.0	A
4	576.0	1.00	6.1	A
5	578.0	1.10	6.6	A
6	577.0	1.00	6.4	A
7	574.0	1.10	6.9	A
8	576.0	1.00	6.6	A
9	570.0	1.20	7.3	A
10	581.0	1.00	6.4	A
Average:	**574.2**	**1.06**	**6.6**	**A**
SWB T on [Unnamed Street]: Superlink ID 54				
1	863.0	6.00	24.9	C
2	851.0	6.50	27.6	C
3	812.0	7.20	31.9	C
4	864.0	6.60	27.5	C
5	850.0	7.10	30.0	C
6	843.0	5.90	25.1	C
7	844.0	6.40	27.5	C
8	852.0	6.80	28.8	C
9	837.0	6.60	28.3	C
10	855.0	6.30	26.3	C
Average:	**847.1**	**6.54**	**27.8**	**C**
WB L on [Unnamed Street]: Superlink ID 55				
1	66.0	1.20	64.5	E
2	67.0	1.00	56.2	E
3	66.0	1.20	64.1	E
4	67.0	1.30	68.1	E
5	67.0	1.30	67.6	E
6	69.0	1.30	67.7	E
7	69.0	1.10	56.2	E
8	67.0	1.00	53.7	D
9	66.0	1.10	58.3	E

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

Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
10	67.0	1.10	59.5	E
Average:	**67.1**	**1.16**	**61.6**	**E**
WB T on [Unnamed Street]: Superlink ID 55				
1	289.0	4.20	52.4	D
2	291.0	4.30	53.6	D
3	292.0	4.30	52.7	D
4	290.0	4.30	52.8	D
5	288.0	4.10	51.7	D
6	299.0	4.40	52.6	D
7	290.0	4.40	54.2	D
8	291.0	4.30	53.1	D
9	288.0	4.20	52.4	D
10	290.0	4.40	54.1	D
Average:	**290.8**	**4.29**	**53.0**	**D**

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

Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
NEB L on Dorchester Avenue: Superlink ID 20				
1	27.0	0.10	19.7	B
2	26.0	0.20	30.6	C
3	26.0	0.20	32.2	C
4	27.0	0.20	24.2	C
5	27.0	0.20	23.6	C
6	26.0	0.20	22.4	C
7	25.0	0.20	22.4	C
8	26.0	0.10	19.9	B
9	25.0	0.20	31.2	C
10	26.0	0.20	24.6	C
Average:	**26.1**	**0.18**	**25.1**	**C**
NEB T on Dorchester Avenue: Superlink ID 20				
1	120.0	0.70	21.5	C
2	119.0	0.80	23.9	C
3	121.0	0.80	24.1	C
4	121.0	0.80	23.6	C
5	120.0	0.70	21.8	C
6	121.0	0.80	24.9	C
7	121.0	0.70	21.2	C
8	117.0	0.80	24.7	C
9	119.0	0.80	23.5	C
10	120.0	0.90	27.0	C
Average:	**119.9**	**0.78**	**23.6**	**C**

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

Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
NWB T on US 42: Superlink ID 31				
1	372.0	2.10	20.1	C
2	356.0	2.00	19.8	B
3	354.0	1.90	19.4	B
4	364.0	1.90	18.9	B
5	352.0	1.90	19.0	B
6	349.0	1.80	18.8	B
7	367.0	1.80	18.0	B
8	358.0	1.90	19.0	B
9	379.0	1.80	16.9	B
10	358.0	1.80	17.8	B
Average:	**360.9**	**1.89**	**18.8**	**B**
NWB TR on US 42: Superlink ID 31				
1	348.0	2.20	22.5	C
2	373.0	2.00	19.5	B
3	373.0	2.10	20.5	C
4	365.0	2.10	20.4	C
5	378.0	2.30	21.7	C
6	386.0	2.10	19.3	B
7	359.0	2.10	21.1	C
8	375.0	2.30	21.9	C
9	365.0	2.20	21.3	C
10	372.0	2.20	21.2	C
Average:	**369.4**	**2.16**	**20.9**	**C**
SB L on US 42: Superlink ID 29				
1	847.0	6.00	25.3	C
2	862.0	5.40	22.6	C
3	857.0	5.50	23.1	C
4	858.0	5.60	23.7	C
5	859.0	5.70	24.0	C
6	856.0	5.50	23.0	C
7	852.0	5.30	22.3	C
8	860.0	5.50	23.0	C
9	863.0	6.10	25.3	C
10	855.0	5.10	21.3	C
Average:	**856.9**	**5.57**	**23.4**	**C**
SB T on US 42: Superlink ID 29				
1	373.0	2.00	19.8	B
2	384.0	1.90	18.1	B
3	379.0	2.00	18.7	B
4	380.0	2.00	18.6	B
5	369.0	1.90	18.7	B

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

Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
6	377.0	1.90	18.4	B
7	378.0	1.90	17.9	B
8	382.0	2.00	18.9	B
9	363.0	1.90	18.8	B
10	407.0	1.90	17.1	B
Average:	**379.2**	**1.94**	**18.5**	**B**

SB TR on US 42: Superlink ID 29

1	678.0	3.20	17.0	B
2	681.0	3.00	15.6	B
3	683.0	3.10	16.3	B
4	679.0	3.00	15.9	B
5	695.0	3.10	15.8	B
6	683.0	2.80	14.9	B
7	675.0	2.90	15.5	B
8	685.0	2.90	15.0	B
9	705.0	3.20	16.2	B
10	655.0	2.70	14.7	B
Average:	**681.9**	**2.99**	**15.7**	**B**

SEB R on Dorchester Avenue: Superlink ID 20

1	259.0	1.40	20.1	C
2	257.0	1.40	19.9	B
3	262.0	1.50	20.3	C
4	260.0	1.40	19.0	B
5	258.0	1.60	22.3	C
6	261.0	1.30	18.1	B
7	263.0	1.40	18.9	B
8	256.0	1.50	20.8	C
9	260.0	1.30	18.6	B
10	258.0	1.40	19.2	B
Average:	**259.4**	**1.42**	**19.7**	**B**

SWB L on Eden Park Dr: Superlink ID 10

1	94.0	0.70	28.6	C
2	96.0	0.90	32.6	C
3	92.0	0.80	30.2	C
4	91.0	0.80	32.5	C
5	94.0	0.70	27.4	C
6	95.0	0.70	27.2	C
7	94.0	0.80	31.7	C
8	95.0	0.70	28.2	C
9	91.0	0.70	29.4	C
10	96.0	0.80	30.7	C
Average:	**93.8**	**0.76**	**29.8**	**C**

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

Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
SWB T on Eden Park Dr: Superlink ID 10				
1	72.0	0.40	22.0	C
2	68.0	0.50	28.1	C
3	72.0	0.40	22.1	C
4	69.0	0.50	28.0	C
5	69.0	0.50	25.7	C
6	67.0	0.50	24.9	C
7	67.0	0.50	25.0	C
8	74.0	0.50	24.7	C
9	82.0	0.50	23.8	C
10	68.0	0.40	23.0	C
Average:	**70.8**	**0.47**	**24.7**	**C**
SWB TR on Eden Park Dr: Superlink ID 10				
1	109.0	0.90	28.3	C
2	112.0	0.80	27.0	C
3	110.0	0.80	27.2	C
4	112.0	0.90	30.1	C
5	114.0	0.70	23.5	C
6	113.0	0.90	28.0	C
7	115.0	0.90	27.1	C
8	109.0	0.90	28.4	C
9	97.0	0.80	28.1	C
10	113.0	0.70	23.0	C
Average:	**110.4**	**0.83**	**27.1**	**C**

ELSINORE PL & US 42 -- SIGNALIZED — NODE: 18

Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
NEB R on [Unnamed Street]: Superlink ID 54				
1	217.0	0.50	8.3	A
2	213.0	0.40	7.5	A
3	219.0	0.50	8.2	A
4	219.0	0.50	7.9	A
5	216.0	0.50	7.7	A
6	217.0	0.50	7.5	A
7	220.0	0.50	7.6	A
8	214.0	0.50	7.8	A
9	218.0	0.40	6.6	A
10	215.0	0.40	7.5	A
Average:	**216.8**	**0.47**	**7.7**	**A**
NEB T on [Unnamed Street]: Superlink ID 54				
1	962.0	4.80	18.0	B

ELSINORE PL & US 42 -- SIGNALIZED NODE: 18

Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
2	964.0	4.50	16.7	B
3	978.0	5.00	18.4	B
4	974.0	4.70	17.4	B
5	967.0	4.60	17.2	B
6	982.0	4.50	16.4	B
7	980.0	4.80	17.7	B
8	972.0	4.70	17.3	B
9	984.0	4.40	16.1	B
10	976.0	4.20	15.7	B
Average:	**973.9**	**4.62**	**17.1**	**B**
SWB L on US 42: Superlink ID 13				
1	120.0	0.90	27.1	C
2	117.0	1.00	29.8	C
3	100.0	1.40	49.3	D
4	117.0	0.90	26.6	C
5	115.0	1.00	31.9	C
6	117.0	0.80	26.2	C
7	112.0	1.00	31.0	C
8	121.0	0.90	26.7	C
9	116.0	1.10	34.1	C
10	117.0	0.90	26.3	C
Average:	**115.2**	**0.99**	**30.9**	**C**
SWB T on US 42: Superlink ID 13				
1	1,712.0	15.90	33.4	C
2	1,710.0	19.00	40.0	D
3	1,642.0	32.00	70.1	E
4	1,723.0	17.10	35.8	D
5	1,696.0	21.90	46.5	D
6	1,715.0	13.00	27.4	C
7	1,698.0	25.90	54.8	D
8	1,721.0	20.30	42.6	D
9	1,678.0	24.50	52.6	D
10	1,728.0	17.60	36.7	D
Average:	**1,702.3**	**20.72**	**44.0**	**D**
WB L on Elsinore Pl: Superlink ID 45				
1	251.0	4.40	63.0	E
2	252.0	4.80	68.4	E
3	247.0	5.40	78.4	E
4	250.0	4.50	65.0	E
5	250.0	3.40	48.7	D
6	255.0	3.40	48.6	D
7	252.0	4.80	69.1	E

ELSINORE PL & US 42 -- SIGNALIZED NODE: 18

Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8	252.0	4.30	60.9	E
9	251.0	5.60	80.6	F
10	250.0	4.70	67.3	E
Average:	**251.0**	**4.53**	**65.0**	**E**
WB R on Elsinore Pl: Superlink ID 45				
1	219.0	0.00	0.0	A
2	219.0	0.00	0.0	A
3	220.0	0.00	0.0	A
4	221.0	0.00	0.0	A
5	221.0	0.00	0.0	A
6	220.0	0.00	0.0	A
7	220.0	0.00	0.0	A
8	221.0	0.00	0.0	A
9	221.0	0.00	0.0	A
10	222.0	0.00	0.0	A
Average:	**220.4**	**0.00**	**0.0**	**A**

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

Intersection LOS by Lane Group - Total Control Delay

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

Lane Group	Street Name	Superlink ID	Average	Std Dev	Minimum	Maximum	# Samples
EB L	E Liberty St	47	7.5	0.1	7.3	7.7	10
EB R	E Liberty St	47	0.7	0.1	0.6	0.8	10
EB T	E Liberty St	47	6.4	0.1	6.2	6.7	10
NB CH	[Unnamed Street]	55	0.0	0.1	0.0	0.1	10
NEB T	US 42	41	10.5	0.9	9.5	12.0	10
NEB TR	US 42	41	10.4	1.7	8.0	13.4	10
SWB L	[Unnamed Street]	54	22.2	1.0	20.3	23.5	10
SWB R	[Unnamed Street]	54	1.1	0.1	0.9	1.2	10
SWB T	[Unnamed Street]	54	6.5	0.4	5.9	7.2	10
WB L	[Unnamed Street]	55	1.2	0.1	1.0	1.3	10
WB T	[Unnamed Street]	55	4.3	0.1	4.1	4.4	10

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

Lane Group	Street Name	Superlink ID	Average	Std Dev	Minimum	Maximum	# Samples
NEB L	Dorchester Avenue	20	0.2	0.0	0.1	0.2	10
NEB T	Dorchester Avenue	20	0.8	0.1	0.7	0.9	10
NWB T	US 42	31	1.9	0.1	1.8	2.1	10
NWB TR	US 42	31	2.2	0.1	2.0	2.3	10
SB L	US 42	29	5.6	0.3	5.1	6.1	10
SB T	US 42	29	1.9	0.1	1.9	2.0	10
SB TR	US 42	29	3.0	0.2	2.7	3.2	10
SEB R	Dorchester Avenue	20	1.4	0.1	1.3	1.6	10
SWB L	Eden Park Dr	10	0.8	0.1	0.7	0.9	10
SWB T	Eden Park Dr	10	0.5	0.0	0.4	0.5	10
SWB TR	Eden Park Dr	10	0.8	0.1	0.7	0.9	10

ELSINORE PL & US 42 — NODE: 18

Lane Group	Street Name	Superlink ID	Average	Std Dev	Minimum	Maximum	# Samples
NEB R	[Unnamed Street]	54	0.5	0.0	0.4	0.5	10
NEB T	[Unnamed Street]	54	4.6	0.2	4.2	5.0	10
SWB L	US 42	13	1.0	0.2	0.8	1.4	10
SWB T	US 42	13	20.7	5.6	13.0	32.0	10
WB L	Elsinore Pl	45	4.5	0.7	3.4	5.6	10
WB R	Elsinore Pl	45	0.0	0.0	0.0	0.0	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: --

Intersection LOS by Lane Group - Avg Control Delay

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

Lane Group	Street Name	Superlink ID	Average	Std Dev	Minimum	Maximum	# Samples
EB L	E Liberty St	47	57.5	0.8	56.3	59.0	10
EB R	E Liberty St	47	35.0	3.6	31.3	41.3	10
EB T	E Liberty St	47	52.6	1.1	50.4	54.1	10
NB CH	[Unnamed Street]	55	2.2	0.9	1.1	3.8	10
NEB T	US 42	41	61.8	4.5	56.8	68.8	10
NEB TR	US 42	41	95.6	17.9	70.0	126.4	10
SWB L	[Unnamed Street]	54	156.7	8.2	141.6	168.3	10
SWB R	[Unnamed Street]	54	6.6	0.5	5.7	7.3	10
SWB T	[Unnamed Street]	54	27.8	2.1	24.9	31.9	10
WB L	[Unnamed Street]	55	61.6	5.4	53.7	68.1	10
WB T	[Unnamed Street]	55	53.0	0.8	51.7	54.2	10

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

Lane Group	Street Name	Superlink ID	Average	Std Dev	Minimum	Maximum	# Samples
NEB L	Dorchester Avenue	20	25.1	4.6	19.7	32.2	10
NEB T	Dorchester Avenue	20	23.6	1.8	21.2	27.0	10
NWB T	US 42	31	18.8	1.0	16.9	20.1	10
NWB TR	US 42	31	20.9	1.0	19.3	22.5	10
SB L	US 42	29	23.4	1.3	21.3	25.3	10
SB T	US 42	29	18.5	0.7	17.1	19.8	10
SB TR	US 42	29	15.7	0.7	14.7	17.0	10
SEB R	Dorchester Avenue	20	19.7	1.2	18.1	22.3	10
SWB L	Eden Park Dr	10	29.8	2.0	27.2	32.6	10
SWB T	Eden Park Dr	10	24.7	2.1	22.0	28.1	10
SWB TR	Eden Park Dr	10	27.1	2.2	23.0	30.1	10

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Lane Group	Street Name	Superlink ID	Average	Std Dev	Minimum	Maximum	# Samples
NEB R	[Unnamed Street]	54	7.7	0.5	6.6	8.3	10
NEB T	[Unnamed Street]	54	17.1	0.9	15.7	18.4	10
SWB L	US 42	13	30.9	7.0	26.2	49.3	10
SWB T	US 42	13	44.0	12.5	27.4	70.1	10
WB L	Elsinore Pl	45	65.0	10.6	48.6	80.6	10
WB R	Elsinore Pl	45	0.0	0.0	0.0	0.0	10