Project: US 42 NoBuild
Scenario: AM Peak
Run(s): Batch (10 runs)
Simulated: Various
Time: 08:15:00 - 09:15:00
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	271.0	2.60	35.1	D
2	271.0	2.60	34.8	C
3	270.0	2.60	35.1	D
4	270.0	2.60	34.8	C
5	271.0	2.70	36.1	D
6	267.0	2.50	34.4	C
7	269.0	2.50	33.2	C
8	268.0	2.50	33.0	C
9	273.0	2.60	34.0	C
10	268.0	2.40	32.8	C
Average:	**269.8**	**2.56**	**34.3**	**C**
EB R on E Liberty St: Superlink ID 47				
1	53.0	0.20	14.0	B
2	52.0	0.20	15.6	B
3	52.0	0.20	14.2	B
4	51.0	0.20	13.4	B
5	52.0	0.10	8.5	A
6	52.0	0.20	13.5	B
7	51.0	0.10	10.4	B
8	52.0	0.20	12.2	B
9	52.0	0.20	14.3	B
10	52.0	0.20	15.2	B
Average:	**51.9**	**0.18**	**13.1**	**B**
EB T on E Liberty St: Superlink ID 47				
1	173.0	1.00	21.3	C
2	172.0	1.10	23.6	C
3	171.0	1.00	21.9	C
4	168.0	1.00	22.5	C
5	172.0	1.00	21.8	C
6	170.0	1.10	23.2	C
7	168.0	1.10	23.2	C
8	172.0	1.10	22.4	C
9	170.0	1.10	22.7	C
10	170.0	1.00	21.8	C

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:	**170.6**	**1.05**	**22.5**	**C**
NB CH on [Unnamed Street]: Superlink ID 55				
1	238.0	0.10	1.3	A
2	239.0	0.10	1.4	A
3	239.0	0.10	1.5	A
4	237.0	0.10	1.3	A
5	237.0	0.10	1.4	A
6	240.0	0.10	1.3	A
7	237.0	0.10	1.2	A
8	238.0	0.10	1.4	A
9	236.0	0.10	1.5	A
10	237.0	0.10	1.1	A
Average:	**237.8**	**0.10**	**1.3**	**A**
NEB T on US 42: Superlink ID 41				
1	228.0	1.50	24.0	C
2	226.0	1.50	24.0	C
3	229.0	1.60	24.7	C
4	239.0	1.70	25.0	C
5	227.0	1.60	24.7	C
6	225.0	1.60	24.8	C
7	236.0	1.60	24.3	C
8	232.0	1.60	24.5	C
9	231.0	1.50	23.0	C
10	234.0	1.80	27.8	C
Average:	**230.7**	**1.60**	**24.7**	**C**
NEB TR on US 42: Superlink ID 41				
1	158.0	1.00	22.3	C
2	171.0	1.20	25.2	C
3	161.0	1.00	21.9	C
4	157.0	0.90	20.9	C
5	159.0	1.10	25.1	C
6	164.0	0.90	20.3	C
7	159.0	1.10	24.1	C
8	161.0	1.00	22.3	C
9	162.0	0.90	19.6	B
10	165.0	1.00	21.9	C
Average:	**161.7**	**1.01**	**22.4**	**C**
SWB L on [Unnamed Street]: Superlink ID 54				
1	74.0	0.60	27.1	C
2	74.0	0.50	25.2	C
3	70.0	0.50	23.7	C

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	74.0	0.50	25.7	C
5	73.0	0.50	25.2	C
6	74.0	0.50	23.5	C
7	71.0	0.50	23.0	C
8	76.0	0.50	22.6	C
9	71.0	0.50	26.8	C
10	72.0	0.50	23.5	C
Average:	**72.9**	**0.51**	**24.6**	**C**
SWB R on [Unnamed Street]: Superlink ID 54				
1	448.0	1.20	9.4	A
2	448.0	1.40	11.2	B
3	446.0	1.20	9.6	A
4	452.0	1.20	9.9	A
5	442.0	1.20	10.0	B
6	450.0	1.30	10.1	B
7	449.0	1.20	9.7	A
8	446.0	1.20	9.9	A
9	451.0	1.10	9.1	A
10	447.0	1.30	10.9	B
Average:	**447.9**	**1.23**	**10.0**	**A**
SWB T on [Unnamed Street]: Superlink ID 54				
1	911.0	4.60	18.2	B
2	916.0	5.00	19.7	B
3	919.0	4.80	18.9	B
4	924.0	4.70	18.4	B
5	902.0	5.00	19.8	B
6	919.0	4.70	18.5	B
7	924.0	4.50	17.6	B
8	920.0	4.70	18.4	B
9	919.0	4.40	17.4	B
10	929.0	4.80	18.8	B
Average:	**918.3**	**4.72**	**18.6**	**B**
WB L on [Unnamed Street]: Superlink ID 55				
1	171.0	0.60	11.7	B
2	171.0	0.60	11.6	B
3	169.0	0.60	13.0	B
4	170.0	0.60	11.9	B
5	170.0	0.60	13.1	B
6	170.0	0.50	11.5	B
7	169.0	0.60	11.9	B
8	169.0	0.50	11.5	B
9	173.0	0.60	11.9	B

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	169.0	0.60	12.2	B
Average:	**170.1**	**0.58**	**12.0**	**B**
WB T on [Unnamed Street]: Superlink ID 55				
1	348.0	2.20	22.4	C
2	341.0	2.10	22.6	C
3	342.0	2.20	23.0	C
4	339.0	2.10	22.2	C
5	345.0	2.20	22.6	C
6	342.0	2.10	22.4	C
7	342.0	2.20	23.6	C
8	342.0	2.20	22.8	C
9	342.0	2.10	22.4	C
10	342.0	2.10	21.9	C
Average:	**342.5**	**2.15**	**22.6**	**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
NEB L on Dorchester Avenue: Superlink ID 20				
1	24.0	0.20	34.8	C
2	23.0	0.20	26.5	C
3	22.0	0.20	30.3	C
4	23.0	0.20	25.9	C
5	22.0	0.20	28.2	C
6	23.0	0.20	26.2	C
7	23.0	0.10	21.3	C
8	24.0	0.10	22.2	C
9	24.0	0.10	20.9	C
10	23.0	0.10	16.7	B
Average:	**23.1**	**0.16**	**25.3**	**C**
NEB T on Dorchester Avenue: Superlink ID 20				
1	38.0	0.30	26.5	C
2	37.0	0.30	27.0	C
3	36.0	0.30	26.7	C
4	37.0	0.30	25.3	C
5	37.0	0.20	21.1	C
6	36.0	0.20	20.6	C
7	39.0	0.30	25.8	C
8	38.0	0.30	25.3	C
9	37.0	0.30	24.4	C
10	36.0	0.30	32.0	C
Average:	**37.1**	**0.28**	**25.5**	**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	685.0	3.40	17.9	B
2	706.0	3.30	16.9	B
3	638.0	2.80	15.7	B
4	633.0	3.20	18.4	B
5	656.0	2.60	14.4	B
6	633.0	3.00	16.9	B
7	636.0	3.00	17.1	B
8	631.0	2.80	15.9	B
9	639.0	3.20	18.0	B
10	661.0	2.90	15.6	B
Average:	**651.8**	**3.02**	**16.7**	**B**
NWB TR on US 42: Superlink ID 31				
1	670.0	4.00	21.8	C
2	671.0	4.00	21.2	C
3	713.0	3.90	19.8	B
4	682.0	4.00	21.1	C
5	695.0	4.10	21.3	C
6	670.0	4.10	22.2	C
7	679.0	4.00	21.4	C
8	702.0	4.00	20.3	C
9	694.0	4.10	21.3	C
10	694.0	3.80	19.7	B
Average:	**687.0**	**4.00**	**21.0**	**C**
SB L on US 42: Superlink ID 29				
1	297.0	1.10	13.6	B
2	298.0	1.10	13.6	B
3	299.0	1.00	12.5	B
4	299.0	1.20	13.9	B
5	303.0	1.10	13.5	B
6	300.0	1.20	13.9	B
7	299.0	1.10	13.5	B
8	300.0	1.10	13.3	B
9	304.0	1.20	14.6	B
10	300.0	1.10	12.8	B
Average:	**299.9**	**1.12**	**13.5**	**B**
SB T on US 42: Superlink ID 29				
1	136.0	0.40	11.5	B
2	145.0	0.40	10.8	B
3	148.0	0.40	9.7	A
4	135.0	0.40	10.8	B
5	154.0	0.50	11.7	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	151.0	0.50	12.1	B
7	137.0	0.40	11.4	B
8	142.0	0.40	9.9	A
9	141.0	0.50	11.7	B
10	148.0	0.40	10.6	B
Average:	**143.7**	**0.43**	**11.0**	**B**

SB TR on US 42: Superlink ID 29

1	167.0	0.50	11.4	B
2	158.0	0.50	12.0	B
3	155.0	0.50	11.0	B
4	170.0	0.60	12.1	B
5	155.0	0.50	12.0	B
6	154.0	0.50	12.4	B
7	165.0	0.50	10.7	B
8	163.0	0.40	9.1	A
9	166.0	0.50	11.6	B
10	157.0	0.50	10.5	B
Average:	**161.0**	**0.50**	**11.3**	**B**

SEB R on Dorchester Avenue: Superlink ID 20

1	168.0	1.50	32.8	C
2	167.0	1.60	35.0	C
3	162.0	1.70	37.3	D
4	164.0	1.50	32.8	C
5	160.0	1.20	26.4	C
6	160.0	1.40	31.0	C
7	168.0	1.60	34.7	C
8	165.0	1.60	34.7	C
9	161.0	1.50	33.6	C
10	163.0	1.70	38.3	D
Average:	**163.8**	**1.53**	**33.7**	**C**

SWB L on Eden Park Dr: Superlink ID 10

1	57.0	0.40	23.8	C
2	61.0	0.30	20.2	C
3	60.0	0.30	20.0	C
4	61.0	0.50	28.5	C
5	60.0	0.40	21.4	C
6	59.0	0.40	23.2	C
7	59.0	0.40	22.3	C
8	60.0	0.30	19.7	B
9	61.0	0.30	18.2	B
10	59.0	0.30	20.0	C
Average:	**59.7**	**0.36**	**21.7**	**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	113.0	0.60	18.3	B
2	109.0	0.50	16.1	B
3	110.0	0.50	17.8	B
4	106.0	0.70	22.2	C
5	108.0	0.60	19.5	B
6	108.0	0.60	19.4	B
7	103.0	0.60	20.2	C
8	107.0	0.60	20.9	C
9	100.0	0.60	20.7	C
10	104.0	0.50	17.3	B
Average:	**106.8**	**0.58**	**19.2**	**B**
SWB TR on Eden Park Dr: Superlink ID 10				
1	127.0	0.70	19.8	B
2	133.0	0.70	19.4	B
3	132.0	0.70	18.7	B
4	132.0	0.90	23.7	C
5	129.0	0.70	20.8	C
6	131.0	0.80	22.7	C
7	135.0	0.70	19.4	B
8	132.0	0.70	20.0	C
9	137.0	0.80	21.2	C
10	133.0	0.70	19.6	B
Average:	**132.1**	**0.74**	**20.5**	**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	145.0	0.20	5.4	A
2	146.0	0.20	3.9	A
3	145.0	0.20	4.8	A
4	145.0	0.20	4.7	A
5	148.0	0.20	4.1	A
6	144.0	0.20	3.9	A
7	144.0	0.20	5.0	A
8	146.0	0.20	4.0	A
9	148.0	0.20	5.1	A
10	146.0	0.20	4.2	A
Average:	**145.7**	**0.20**	**4.5**	**A**
NEB T on [Unnamed Street]: Superlink ID 54				
1	700.0	2.00	10.3	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	690.0	1.70	8.9	A
3	700.0	1.90	9.9	A
4	701.0	1.90	9.5	A
5	693.0	1.90	9.7	A
6	689.0	1.60	8.6	A
7	690.0	1.80	9.6	A
8	689.0	1.80	9.7	A
9	698.0	1.70	8.6	A
10	689.0	1.70	9.1	A
Average:	**693.9**	**1.80**	**9.4**	**A**

SWB L on US 42: Superlink ID 13

1	162.0	1.20	26.9	C
2	166.0	1.20	25.8	C
3	163.0	1.10	25.2	C
4	162.0	1.30	28.3	C
5	164.0	1.30	28.3	C
6	162.0	1.20	27.7	C
7	164.0	1.30	29.1	C
8	163.0	1.30	27.9	C
9	159.0	1.10	25.6	C
10	164.0	1.30	28.8	C
Average:	**162.9**	**1.23**	**27.3**	**C**

SWB T on US 42: Superlink ID 13

1	1,315.0	1.10	3.0	A
2	1,314.0	1.10	3.1	A
3	1,315.0	1.10	2.9	A
4	1,314.0	1.00	2.8	A
5	1,308.0	1.00	2.8	A
6	1,311.0	1.00	2.6	A
7	1,309.0	1.10	2.9	A
8	1,316.0	1.00	2.8	A
9	1,312.0	1.10	3.0	A
10	1,313.0	1.00	2.8	A
Average:	**1,312.7**	**1.05**	**2.9**	**A**

WB L on Elsinore Pl: Superlink ID 45

1	132.0	1.10	29.3	C
2	133.0	1.10	30.4	C
3	132.0	1.20	31.5	C
4	132.0	1.10	30.2	C
5	135.0	1.10	29.4	C
6	135.0	1.10	29.7	C
7	134.0	1.10	28.2	C

ELSINORE PL & US 42 -- SIGNALIZED NODE: 18

Run	Number of Vehicles	Total Control Delay (hr)	Avg Control Delay (sec/veh)	Level of Service
8	136.0	1.10	29.5	C
9	130.0	1.10	30.1	C
10	131.0	1.00	27.0	C
Average:	**133.0**	**1.10**	**29.5**	**C**
WB R on Elsinore Pl: Superlink ID 45				
1	136.0	0.00	0.0	A
2	137.0	0.00	0.0	A
3	137.0	0.00	0.0	A
4	135.0	0.00	0.0	A
5	137.0	0.00	0.0	A
6	137.0	0.00	0.0	A
7	138.0	0.00	0.0	A
8	137.0	0.00	0.0	A
9	137.0	0.00	0.0	A
10	136.0	0.00	0.0	A
Average:	**136.7**	**0.00**	**0.0**	**A**

Project: US 42 NoBuild
Scenario: AM Peak
Run(s): Batch (10 runs)
Simulated: Various
Time: 08:15:00 - 09:15:00
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	2.6	0.1	2.4	2.7	10
EB R	E Liberty St	47	0.2	0.0	0.1	0.2	10
EB T	E Liberty St	47	1.1	0.1	1.0	1.1	10
NB CH	[Unnamed Street]	55	0.1	0.0	0.1	0.1	10
NEB T	US 42	41	1.6	0.1	1.5	1.8	10
NEB TR	US 42	41	1.0	0.1	0.9	1.2	10
SWB L	[Unnamed Street]	54	0.5	0.0	0.5	0.6	10
SWB R	[Unnamed Street]	54	1.2	0.1	1.1	1.4	10
SWB T	[Unnamed Street]	54	4.7	0.2	4.4	5.0	10
WB L	[Unnamed Street]	55	0.6	0.0	0.5	0.6	10
WB T	[Unnamed Street]	55	2.2	0.1	2.1	2.2	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	0.2	0.1	0.1	0.2	10
NEB T	Dorchester Avenue	20	0.3	0.0	0.2	0.3	10
NWB T	US 42	31	3.0	0.3	2.6	3.4	10
NWB TR	US 42	31	4.0	0.1	3.8	4.1	10
SB L	US 42	29	1.1	0.1	1.0	1.2	10
SB T	US 42	29	0.4	0.0	0.4	0.5	10
SB TR	US 42	29	0.5	0.0	0.4	0.6	10
SEB R	Dorchester Avenue	20	1.5	0.1	1.2	1.7	10
SWB L	Eden Park Dr	10	0.4	0.1	0.3	0.5	10
SWB T	Eden Park Dr	10	0.6	0.1	0.5	0.7	10
SWB TR	Eden Park Dr	10	0.7	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	0.2	0.0	0.2	0.2	10
NEB T	[Unnamed Street]	54	1.8	0.1	1.6	2.0	10
SWB L	US 42	13	1.2	0.1	1.1	1.3	10
SWB T	US 42	13	1.1	0.1	1.0	1.1	10
WB L	Elsinore Pl	45	1.1	0.0	1.0	1.2	10
WB R	Elsinore Pl	45	0.0	0.0	0.0	0.0	10

Project: US 42 NoBuild
Scenario: AM Peak
Run(s): Batch (10 runs)
Simulated: Various
Time: 08:15:00 - 09:15:00
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	34.3	1.1	32.8	36.1	10
EB R	E Liberty St	47	13.1	2.2	8.5	15.6	10
EB T	E Liberty St	47	22.5	0.7	21.3	23.6	10
NB CH	[Unnamed Street]	55	1.3	0.1	1.1	1.5	10
NEB T	US 42	41	24.7	1.2	23.0	27.8	10
NEB TR	US 42	41	22.4	1.9	19.6	25.2	10
SWB L	[Unnamed Street]	54	24.6	1.6	22.6	27.1	10
SWB R	[Unnamed Street]	54	10.0	0.6	9.1	11.2	10
SWB T	[Unnamed Street]	54	18.6	0.8	17.4	19.8	10
WB L	[Unnamed Street]	55	12.0	0.6	11.5	13.1	10
WB T	[Unnamed Street]	55	22.6	0.5	21.9	23.6	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	25.3	5.2	16.7	34.8	10
NEB T	Dorchester Avenue	20	25.5	3.2	20.6	32.0	10
NWB T	US 42	31	16.7	1.3	14.4	18.4	10
NWB TR	US 42	31	21.0	0.8	19.7	22.2	10
SB L	US 42	29	13.5	0.6	12.5	14.6	10
SB T	US 42	29	11.0	0.8	9.7	12.1	10
SB TR	US 42	29	11.3	1.0	9.1	12.4	10
SEB R	Dorchester Avenue	20	33.7	3.3	26.4	38.3	10
SWB L	Eden Park Dr	10	21.7	2.9	18.2	28.5	10
SWB T	Eden Park Dr	10	19.2	1.9	16.1	22.2	10
SWB TR	Eden Park Dr	10	20.5	1.6	18.7	23.7	10

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Lane Group	Street Name	Superlink ID	Average	Std Dev	Minimum	Maximum	# Samples
NEB R	[Unnamed Street]	54	4.5	0.6	3.9	5.4	10
NEB T	[Unnamed Street]	54	9.4	0.6	8.6	10.3	10
SWB L	US 42	13	27.3	1.4	25.2	29.1	10
SWB T	US 42	13	2.9	0.1	2.6	3.1	10
WB L	Elsinore Pl	45	29.5	1.2	27.0	31.5	10
WB R	Elsinore Pl	45	0.0	0.0	0.0	0.0	10