

Capacity Analysis

I-Traf / Traf-NETSIM Site Map

Intersection		Node	Intersection Approaches			
North-South	East-West		Eastbound	Westbound	Northbound	Southbound
Sturgeon	Wackerly	1	39,1	41,1	40,1	2,1
Sturgeon	Airport	2	53,2	52,2	1,2	3,2
Sturgeon	Letts	3	54,3	n/a	2,3	8,3
Sturgeon	Monroe	12	n/a	30,12	11,12	29,12
Eastman	Wackerly	13	17,13	37,13	38,13	60,13
Eastman	NB to EB On Ramp	19	n/a	n/a	13,19	n/a
Eastman	SB to WB On Ramp	60	n/a	n/a	n/a	20,60
Eastman	Off ramp / Airport	20	55,20	56,20	19,20	57,20
Eastman	NB Mall Entrance	57	n/a	n/a	20,57	n/a
Eastman	South Mall Exit	63	n/a	64,63	57,63	65,63
Eastman	Mid Mall Exit	65	n/a	66,65	63,65	67,65
Eastman	Joe Mann	67	n/a	84,67	65,67	68,67
Eastman	Meijers	73	71,73	70,73	68,73	72,73
Eastman	Monroe	18	28,18	26,18	76,18	27,18
Off/On Ramp	Wackerly	14	15,14	16,14	n/a	42,14
Jefferson	Wackerly	4	36,4	34,4	35,4	83,4
Jefferson	Diamond	22	48,22	47,22	83,22	82,22
Jefferson	Joe mann	21	50,21	81,21	82,21	80,21
Jefferson	Letts	9	n/a	31,9	33,9	32,9
Jefferson	Monroe	7	25,7	23,7	10,7	24,7

Eastman & Wackerly, Existing 2003 Conditions

Existing AM Peak 9-10 AM	Eastbound			Westbound			Northbound			Southbound		
	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Volume	189	203	64	92	115	99	40	702	64	107	590	57
Delay	26.3	31.3	7.4	26.6	28.2	15.3	26.3	22.9	27.5	24	27.5	9
LOS	C	C	A	C	C	B	C	C	C	C	C	A
Queue	0	2	2	1	1	1	0	2	2	0	2	2

Intersection Volume **2322**

Intersection Average Delay (seconds) **24.6326**

Intersection Average LOS **C**

Existing NM Peak 12-1 PM	Eastbound			Westbound			Northbound			Southbound		
	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Volume	214	122	91	112	98	178	62	1016	75	183	1171	88
Delay	24.5	27.8	13.4	29.1	29.5	23.2	38.1	27.2	27.1	62.8	41.9	9.5
LOS	C	C	B	C	C	C	D	C	C	E	D	A
Queue	0	1	1	1	2	2	1	4	4	3	6	0

Intersection Volume **3410**

Intersection Average Delay (seconds) **33.3012**

Intersection Average LOS **C**

Existing PM Peak 4:45-5:45 PM	Eastbound			Westbound			Northbound			Southbound		
	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Volume	186	191	53	74	92	207	50	1072	43	144	1138	137
Delay	26.3	36	10.4	26.1	42.1	32.5	27.2	27.1	24.3	45.7	35.6	9.6
LOS	C	D	B	C	D	C	C	C	C	D	D	A
Queue	1	2	0	1	3	3	0	4	4	2	5	0

Intersection Volume **3387**

Intersection Average Delay (seconds) **30.917**

Intersection Average LOS **C**

Eastman & Wackerly, Forecast 2023 Conditions

Forecast AM Peak 9-10 AM	Eastbound			Westbound			Northbound			Southbound		
	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Volume	209	224	71	102	127	109	44	776	71	118	652	63
Delay	32.4	30.3	8	34.3	40.2	30.2	19.7	24.9	21.8	27.7	23.6	8.4
LOS	C	C	A	C	D	C	B	C	C	C	C	A
Queue	2	2	0	1	2	2	0	2	2	1	2	0

Intersection Volume **2566**
 Intersection Average Delay (seconds) **26.0891**
 Intersection Average LOS **C**

Forecast NM Peak 12-1 PM	Eastbound			Westbound			Northbound			Southbound		
	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Volume	236	135	101	124	108	197	69	1123	83	202	1294	97
Delay	30	33.6	18	27.4	40.1	32.8	36.7	28.7	28.7	78.7	67.8	12.9
LOS	C	C	B	C	D	C	D	C	C	E	E	B
Queue	2	1	0	1	3	3	1	4	4	3	11	11

Intersection Volume **3769**
 Intersection Average Delay (seconds) **45.012**
 Intersection Average LOS **D**

Forecast PM Peak 4:45-5:45 PM	Eastbound			Westbound			Northbound			Southbound		
	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Volume	421	211	77	82	102	260	75	1217	48	159	1447	398
Delay	32.4	38	15	33.1	47.6	38.6	41.2	29.2	30.2	54.9	40.3	9.9
LOS	C	D	B	C	D	D	D	C	C	D	D	A
Queue	2	1	0	0	1	1	1	4	4	2	6	0

Intersection Volume **4497**
 Intersection Average Delay (seconds) **33.6843**
 Intersection Average LOS **C**

Eastman & Airport/US-10 Off Ramps, Existing 2003 Conditions

Existing AM Peak 9-10 AM	Eastbound		Westbound		Northbound		Southbound		
	Left	Right	Left	Right	Left	Right	Left	Right	
Volume	102	77	127	51	34	89	697	75	42
Delay	36.9	8.7	35.3	33.1	9.1	20.3	8.5	7	10.4
LOS	D	A	D	C	A	C	A	A	B
Queue	1	0	1	0	0	0	1	1	1

Intersection Volume

1924

Intersection Average Delay (seconds)

14.4804

Intersection Average LOS

B

Existing NM Peak 12-1 PM	Eastbound		Westbound		Northbound		Southbound		
	Left	Right	Left	Right	Left	Right	Left	Right	
Volume	180	132	164	98	158	116	1058	85	121
Delay	41.2	13	41	47.2	15.7	34.3	6.9	7.3	23.3
LOS	D	B	D	D	B	C	A	A	C
Queue	2	0	1	2	1	1	1	0	4

Intersection Volume

3434

Intersection Average Delay (seconds)

19.5578

Intersection Average LOS

B

Existing PM Peak 4:45-5:45 PM	Eastbound		Westbound		Northbound		Southbound		
	Left	Right	Left	Right	Left	Right	Left	Right	
Volume	177	128	312	112	230	94	936	232	127
Delay	41.6	14.3	51.9	53.9	12.5	22.1	7.9	7.8	24.5
LOS	D	B	D	D	B	C	A	A	C
Queue	2	0	3	3	1	0	1	0	4

Intersection Volume

3608

Intersection Average Delay (seconds)

21.1782

Intersection Average LOS

C

Eastman & Airport/US-10 Off Ramps, Forecast 2023 Conditions

Forecast AM Peak 9-10 AM	Eastbound		Westbound		Northbound		Southbound	
	Left	Right	Left	Right	Left	Right	Left	Right
Volume	113	85	140	56	98	770	83	46
Delay	39.1	7.9	36.7	8.5	17.5	9.8	7.6	18.8
LOS	D	A	D	A	B	A	A	B
Queue	1	0	1	0	0	1	0	2

Intersection Volume 2125
Intersection Average Delay (seconds) 17.1517
Intersection Average LOS B

Forecast NM Peak 12-1 PM	Eastbound		Westbound		Northbound		Southbound	
	Left	Right	Left	Right	Left	Right	Left	Right
Volume	199	146	181	108	128	1169	94	134
Delay	45.6	14.4	41.7	49.7	41.8	8.2	7.7	40.2
LOS	D	B	D	B	D	A	A	D
Queue	2	0	2	1	2	1	0	7

Intersection Volume 3795
Intersection Average Delay (seconds) 26.6996
Intersection Average LOS C

Forecast PM Peak 4:45-5:45 PM	Eastbound		Westbound		Northbound		Southbound	
	Left	Right	Left	Right	Left	Right	Left	Right
Volume	235	333	345	256	208	1210	256	176
Delay	50	17.2	166.7	203.5	45	8.9	7.7	70.5
LOS	D	B	F	C	D	A	A	E
Queue	3	1	11	15	2	1	0	13

Intersection Volume 5319
Intersection Average Delay (seconds) 55.1696
Intersection Average LOS E

Eastman & Mall Exit South, Existing 2003 Conditions

Existing AM Peak 9-10 AM	Westbound		Northbound		Southbound	
	Left	Right	Through	Right	Left	Through
Volume	81	5	606	34	8	591
Delay	36.5	3.4	2.5	3.2	9.1	4.8
LOS	D	A	A	A	A	A
Queue	1	0	0	0	0	0
Intersection Volume	1325					
Intersection Average Delay (seconds)	5.66558					
Intersection Average LOS	A					

Existing NM Peak 12-1 PM	Westbound		Northbound		Southbound	
	Left	Right	Through	Right	Left	Through
Volume	311	33	927	55	49	1132
Delay	28.6	7.8	5.4	3.5	15.6	9
LOS	C	A	A	A	B	A
Queue	1	0	0	0	0	1
Intersection Volume	2507					
Intersection Average Delay (seconds)	10.0928					
Intersection Average LOS	B					

Existing PM Peak 4:45-5:45 PM	Westbound		Northbound		Southbound	
	Left	Right	Through	Right	Left	Through
Volume	269	17	957	49	19	1118
Delay	30.7	6.5	5.5	3.8	27.8	7.5
LOS	C	A	A	A	C	A
Queue	1	0	1	0	0	1
Intersection Volume	2429					
Intersection Average Delay (seconds)	9.35846					
Intersection Average LOS	A					

Eastman & Mall Exit South, Forecast 2023 Conditions

Forecast AM Peak 9-10 AM	Westbound		Northbound		Southbound	
	Left	Right	Through	Right	Left	Through
Volume	90	6	670	38	9	535
Delay	34.9	4.2	2.4	3.4	17.5	5.1
LOS	C	A	A	A	B	A
Queue	0	0	0	0	0	0

Intersection Volume 1348
Intersection Average Delay (seconds) 5.77849
Intersection Average LOS A

Forecast NM Peak 12-1 PM	Westbound		Northbound		Southbound	
	Left	Right	Through	Right	Left	Through
Volume	344	36	1024	61	54	1251
Delay	30.2	5.3	5.6	4	18.9	8
LOS	C	A	A	A	B	A
Queue	1	0	1	0	0	1

Intersection Volume 2770
Intersection Average Delay (seconds) 9.95906
Intersection Average LOS A

Forecast PM Peak 4:45-5:45 PM	Westbound		Northbound		Southbound	
	Left	Right	Through	Right	Left	Through
Volume	297	19	1485	54	21	1713
Delay	405.1	505	7.5	4.3	86.6	112.8
LOS	F	F	A	A	F	F
Queue	10	7	1	0	22	22

Intersection Volume 3589
Intersection Average Delay (seconds) 93.7098
Intersection Average LOS F

Eastman & Mall Exit Middle, Existing 2003 Conditions

Existing AM Peak 9-10 AM	Westbound		Northbound		Southbound	
	Left	Right	Through	Right	Left	Through
Volume	10	1	587	24	6	589
Delay	6.4	3.6	1.4	3.5	11.7	1.9
LOS	A	A	A	A	B	A
Queue	0	0	0	0	0	0

Intersection Volume 1217
Intersection Average Delay (seconds) 1.77707
Intersection Average LOS A

Existing NM Peak 12-1 PM	Westbound		Northbound		Southbound	
	Left	Right	Through	Right	Left	Through
Volume	20	5	901	59	18	1161
Delay	16.6	9.9	2.1	5.2	10.8	1.9
LOS	C	A	A	A	B	A
Queue	0	0	0	0	0	0

Intersection Volume 2164
Intersection Average Delay (seconds) 2.30162
Intersection Average LOS A

Existing PM Peak 4:45-5:45 PM	Westbound		Northbound		Southbound	
	Left	Right	Through	Right	Left	Through
Volume	24	8	933	41	10	1113
Delay	19.4	9	2.4	5.6	10.7	1.9
LOS	C	A	A	A	B	A
Queue	0	0	0	0	0	0

Intersection Volume 2129
Intersection Average Delay (seconds) 2.45566
Intersection Average LOS A

Eastman & Mall Exit Middle, Forecast 2023 Conditions

Forecast AM Peak 9-10 AM	Westbound		Northbound		Southbound	
	Left	Right	Through	Right	Left	Through
Volume	11	1	649	27	7	651
Delay	11.7	4.2	1.3	4.6	9.3	1.7
LOS	B	A	A	A	A	A
Queue	0	0	0	0	0	0

Intersection Volume

1346

Intersection Average Delay (seconds)

1.68841

Intersection Average LOS

A

Forecast NM Peak 12-1 PM	Westbound		Northbound		Southbound	
	Left	Right	Through	Right	Left	Through
Volume	22	6	996	65	20	1283
Delay	17.9	9.6	2.2	5.2	12.5	1.9
LOS	C	A	A	A	B	A
Queue	0	0	0	0	0	0

Intersection Volume

2392

Intersection Average Delay (seconds)

2.36969

Intersection Average LOS

A

Forecast PM Peak 4:45-5:45 PM	Westbound		Northbound		Southbound	
	Left	Right	Through	Right	Left	Through
Volume	27	9	1459	45	11	1707
Delay	12.5	11	2.5	4.9	30.2	51.7
LOS	B	B	A	A	D	F
Queue	2	8	0	0	0	10

Intersection Volume

3258

Intersection Average Delay (seconds)

28.5109

Intersection Average LOS

D

Eastman & Joe Mann, Existing 2003 Conditions

Existing AM Peak 9-10 AM	Westbound		Northbound		Southbound	
	Left	Right	Through	Right	Left	Through
Volume	129	24	444	144	27	466
Delay	36.6	26.5	0.8	4	9.7	6.2
LOS	D	C	A	A	A	A
Queue	2	2	0	0	0	0

Intersection Volume 1234

Intersection Average Delay (seconds) 7.64968

Intersection Average LOS A

Existing NM Peak 12-1 PM	Westbound		Northbound		Southbound	
	Left	Right	Through	Right	Left	Through
Volume	308	39	663	243	48	871
Delay	31.6	21.2	4.3	4.6	13.3	8.6
LOS	C	C	A	A	B	A
Queue	1	1	0	0	1	1

Intersection Volume 2172

Intersection Average Delay (seconds) 10.4315

Intersection Average LOS B

Existing PM Peak 4:45-5:45 PM	Westbound		Northbound		Southbound	
	Left	Right	Through	Right	Left	Through
Volume	370	57	663	278	64	753
Delay	32.2	25.5	3	4.2	12.1	8.6
LOS	C	C	A	A	B	A
Queue	2	2	0	0	0	1

Intersection Volume 2185

Intersection Average Delay (seconds) 10.8807

Intersection Average LOS B

Eastman & Joe Mann, Forecast 2023 Conditions

Forecast AM Peak 9-10 AM	Westbound		Northbound		Southbound	
	Left	Right	Through	Right	Left	Through
Volume	143	27	491	159	30	515
Delay	33.4	11.7	1	3.8	12.4	5.9
LOS	C	B	A	A	B	A
Queue	1	1	0	0	0	0

Intersection Volume 1365
Intersection Average Delay (seconds) 7.03136
Intersection Average LOS A

Forecast NM Peak 12-1 PM	Westbound		Northbound		Southbound	
	Left	Right	Through	Right	Left	Through
Volume	340	43	733	269	53	962
Delay	33.2	14.4	3.7	4.1	18.9	9.7
LOS	C	B	A	A	B	A
Queue	2	2	0	0	0	1

Intersection Volume 2400
Intersection Average Delay (seconds) 10.8564
Intersection Average LOS B

Forecast PM Peak 4:45-5:45 PM	Westbound		Northbound		Southbound	
	Left	Right	Through	Right	Left	Through
Volume	585	227	980	488	231	1133
Delay	41.2	39.7	4.2	4.9	78.3	103.4
LOS	D	D	A	A	E	F
Queue	4	5	0	0	1	14

Intersection Volume 3644
Intersection Average Delay (seconds) 47.9859
Intersection Average LOS D

Eastman & Monroe, Existing 2003 Conditions

Existing AM Peak 9-10 AM	Eastbound			Westbound			Northbound			Southbound		
	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Volume	4	24	33	62	29	18	25	92	39	10	169	11
Delay	25.6	25.9	10	24.6	20.2	7.8	6.8	7.7	3.9	4.5	4.9	6.2
LOS	C	C	B	C	C	A	A	A	A	A	A	A
Queue	0	0	0	0	0	0	0	1	0	0	0	0
Intersection Volume	516											
Intersection Average Delay (seconds)	10.2271											
Intersection Average LOS	B											

Existing NM Peak 12-1 PM	Eastbound			Westbound			Northbound			Southbound		
	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Volume	9	33	42	36	35	18	43	208	75	20	171	7
Delay	18.5	25.3	9.8	22.7	17.8	4.5	7.9	7.7	4	7.7	4.1	4.7
LOS	B	C	A	C	B	A	A	A	A	A	A	A
Queue	0	0	0	0	0	0	0	0	0	0	0	0
Intersection Volume	697											
Intersection Average Delay (seconds)	8.69943											
Intersection Average LOS	A											

Existing PM Peak 4:45-5:45 PM	Eastbound			Westbound			Northbound			Southbound		
	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Volume	112	116	20	40	118	45	57	366	93	25	122	13
Delay	27.7	22.1	13	24.3	20.2	12.6	6.4	8.2	3.9	5.2	5.3	5.6
LOS	C	C	B	C	C	B	A	A	A	A	A	A
Queue	1	1	1	0	1	1	0	1	0	0	0	0
Intersection Volume	1127											
Intersection Average Delay (seconds)	12.801											
Intersection Average LOS	B											

Eastman & Monroe, Forecast 2023 Conditions

Forecast AM Peak 9-10 AM	Eastbound			Westbound			Northbound			Southbound		
	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Volume	4	27	36	69	32	20	28	102	41	11	187	12
Delay	15.6	18.8	5.8	23.3	16.9	8.3	6.2	7.1	3.1	1.8	4.1	1.2
LOS	B	B	A	C	B	A	A	A	A	A	A	A
Queue	0	0	0	0	0	0	0	0	0	0	0	0

Intersection Volume 569
Intersection Average Delay (seconds) 8.64517
Intersection Average LOS A

Forecast NM Peak 12-1 PM	Eastbound			Westbound			Northbound			Southbound		
	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Volume	10	36	46	62	39	20	48	230	83	22	189	8
Delay	19.2	23.6	7.3	20.7	20.5	2.8	7.5	5.6	2.7	4.3	4.2	1.6
LOS	B	C	A	C	C	A	A	A	A	A	A	A
Queue	0	0	0	0	0	0	0	0	0	0	0	0

Intersection Volume 793
Intersection Average Delay (seconds) 7.9314
Intersection Average LOS A

Forecast PM Peak 4:45-5:45 PM	Eastbound			Westbound			Northbound			Southbound		
	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Volume	124	128	22	44	130	50	63	347	103	28	434	14
Delay	30.1	23.2	14.3	27.3	25.7	9.4	8	6.1	3.2	6.3	5.7	3.1
LOS	C	C	B	C	C	A	A	A	A	A	A	A
Queue	1	1	1	0	1	1	0	0	0	0	1	0

Intersection Volume 1487
Intersection Average Delay (seconds) 11.8848
Intersection Average LOS B

Sturgeon & Wackerly, Existing 2003 Conditions

	Eastbound		Westbound		Northbound		Southbound		
	Left	Through	Right	Left	Through	Right	Left	Through	Right
Existing AM Peak									
9-10 AM	68	271	22	26	108	25	13	61	34
Volume									
Delay	13	12	13.6	8.3	15.2	13.7	10.7	9.9	10.8
LOS	B	B	B	A	C	B	B	A	B
Queue	0	0	0	0	0	0	0	0	0
Intersection Volume	816								
Intersection Average Delay (seconds)	15.0626								
Intersection Average LOS	C								

	Eastbound		Westbound		Northbound		Southbound		
	Left	Through	Right	Left	Through	Right	Left	Through	Right
Existing NM Peak									
12-1 PM	83	163	24	22	62	33	20	129	36
Volume									
Delay	6.5	6.6	6.1	6.4	9.3	11	6.6	6.2	6.2
LOS	A	A	A	A	A	B	A	A	A
Queue	0	0	0	0	0	0	0	0	0
Intersection Volume	792								
Intersection Average Delay (seconds)	8.85								
Intersection Average LOS	A								

	Eastbound		Westbound		Northbound		Southbound		
	Left	Through	Right	Left	Through	Right	Left	Through	Right
Existing PM Peak									
4:45-5:45 PM	112	161	20	40	56	45	27	204	49
Volume									
Delay	9.1	8.6	10.1	8.8	12.6	14.7	8.9	8.8	9.1
LOS	A	A	B	A	B	B	A	A	A
Queue	0	0	0	0	0	0	0	0	0
Intersection Volume	1034								
Intersection Average Delay (seconds)	13.8536								
Intersection Average LOS	B								

Sturgeon & Wackerly, Forecast 2023 Conditions

Forecast AM Peak 9-10 AM	Eastbound		Westbound		Northbound		Southbound	
	Left	Right	Left	Right	Left	Right	Left	Right
Volume	75	24	29	28	14	67	50	98
Delay	11.9	14.7	9.1	20	10.9	13.8	22.5	22.4
LOS	B	B	A	C	B	B	C	C
Queue	0	1	0	1	1	1	1	1

Intersection Volume 1069
Intersection Average Delay (seconds) 15.7495
Intersection Average LOS C

Forecast NM Peak 12-1 PM	Eastbound		Westbound		Northbound		Southbound	
	Left	Right	Left	Right	Left	Right	Left	Right
Volume	92	27	24	36	22	143	45	113
Delay	7.7	8.6	7.6	12.2	7.1	6.9	14.2	15
LOS	A	A	A	B	A	A	B	B
Queue	0	0	0	0	0	0	0	0

Intersection Volume 876
Intersection Average Delay (seconds) 10.0146
Intersection Average LOS B

Forecast PM Peak 4:45-5:45 PM	Eastbound		Westbound		Northbound		Southbound	
	Left	Right	Left	Right	Left	Right	Left	Right
Volume	134	22	58	171	30	275	114	230
Delay	32.1	79.9	81.2	172.3	150.9	180.2	200.9	157.7
LOS	C	E	F	F	F	F	F	F
Queue	5	13	0	19	19	19	28	28

Intersection Volume 1512
Intersection Average Delay (seconds) 144.73
Intersection Average LOS F

Sturgeon & Airport, Existing 2003 Conditions

Existing AM Peak 9-10 AM	Eastbound		Westbound		Northbound		Southbound					
	Left	Through	Right	Left	Through	Right	Left	Through	Right			
Volume	6	12	39	48	16	18	29	47	78	18	140	2
Delay	5.4	6.5	6	7.5	7.7	7.7	13	12	13.6	18.1	17.3	20.3
LOS	A	A	A	A	A	A	B	B	B	C	C	C
Queue	0	0	0	0	0	0	0	0	0	0	0	0

453

Intersection Volume

Intersection Average Delay (seconds)

Intersection Average LOS

12.7073

B

Existing NM Peak 12-1 PM	Eastbound		Westbound		Northbound		Southbound					
	Left	Through	Right	Left	Through	Right	Left	Through	Right			
Volume	6	25	47	96	31	25	44	102	99	18	77	9
Delay	5.6	5.8	5.4	6.9	6.7	6.7	13.3	14	13.2	16.4	14.8	15.1
LOS	A	A	A	A	A	A	B	B	B	C	B	C
Queue	0	0	0	0	0	0	0	0	0	0	0	0

579

Intersection Volume

Intersection Average Delay (seconds)

Intersection Average LOS

10.9857

B

Existing PM Peak 4:45-5:45 PM	Eastbound		Westbound		Northbound		Southbound					
	Left	Through	Right	Left	Through	Right	Left	Through	Right			
Volume	11	17	52	154	29	47	48	221	92	14	114	7
Delay	6.2	6.3	6.5	7.7	8.1	7.3	48.3	50.8	51.2	13.1	16	14.6
LOS	A	A	A	A	A	A	E	F	F	B	C	B
Queue	0	0	0	0	0	0	4	4	4	0	0	0

806

Intersection Volume

Intersection Average Delay (seconds)

Intersection Average LOS

28.0922

D

Sturgeon & Airport, Forecast 2023 Conditions

Forecast AM Peak 9-10 AM	Eastbound		Westbound		Northbound		Southbound	
	Left	Right	Left	Right	Left	Right	Left	Right
Volume	7	43	18	20	32	86	20	155
Delay	6.1	6.5	7.4	7.7	12.2	11.4	18.8	17.8
LOS	A	A	A	A	B	B	C	C
Queue	0	0	0	0	0	0	0	0

Intersection Volume 501
Intersection Average Delay (seconds) 12.489
Intersection Average LOS B

Forecast NM Peak 12-1 PM	Eastbound		Westbound		Northbound		Southbound	
	Left	Right	Left	Right	Left	Right	Left	Right
Volume	7	52	34	28	49	109	20	85
Delay	4.9	6	7	6.3	15.2	13.9	14.3	13.5
LOS	A	A	A	A	C	B	B	B
Queue	0	0	0	0	0	0	0	0

Intersection Volume 641
Intersection Average Delay (seconds) 10.9802
Intersection Average LOS B

Forecast PM Peak 4:45-5:45 PM	Eastbound		Westbound		Northbound		Southbound	
	Left	Right	Left	Right	Left	Right	Left	Right
Volume	14	71	72	138	72	193	71	173
Delay	10.9	28.9	294.2	221	307.5	261.7	32.4	47.1
LOS	B	D	F	F	F	F	D	E
Queue	15	15	20	20	32	32	47	47

Intersection Volume 1449
Intersection Average Delay (seconds) 197.548
Intersection Average LOS F

Sturgeon & Monroe, Existing 2003 Conditions

Existing AM Peak 9-10 AM	Westbound		Northbound		Southbound	
	Left	Right	Left	Right	Left	Right
Volume	48	17	44	27	34	112
Delay	8.9	6.8	2.3	6.1	4	0
LOS	A	A	A	A	A	A
Queue	0	0	0	0	0	0

282

Intersection Volume

Intersection Average Delay (seconds)

Intersection Average LOS

3.35

A

Existing NM Peak 12-1 PM	Westbound		Northbound		Southbound	
	Left	Right	Left	Right	Left	Right
Volume	30	55	94	39	45	74
Delay	6.8	7.3	3.3	7.3	3.9	0
LOS	A	A	A	A	A	A
Queue	0	0	0	0	0	0

337

Intersection Volume

Intersection Average Delay (seconds)

Intersection Average LOS

4.08279

A

Existing PM Peak 4:45-5:45 PM	Westbound		Northbound		Southbound	
	Left	Right	Left	Right	Left	Right
Volume	64	124	224	54	194	71
Delay	10.1	11.3	4.7	7.7	4.3	0.4
LOS	B	B	A	A	A	A
Queue	0	0	0	0	0	0

731

Intersection Volume

Intersection Average Delay (seconds)

Intersection Average LOS

5.99015

A

Sturgeon & Monroe, Forecast 2023 Conditions

Forecast AM Peak 9-10 AM	Westbound		Northbound		Southbound	
	Left	Right	Left	Right	Left	Right
Volume	53	19	49	30	38	124
Delay	7.8	7.6	3	6.2	4	0
LOS	A	A	A	A	A	A
Queue	0	0	0	0	0	0

Intersection Volume **313**

Intersection Average Delay (seconds) **3.33163**

Intersection Average LOS **A**

Forecast NM Peak 12-1 PM	Westbound		Northbound		Southbound	
	Left	Right	Left	Right	Left	Right
Volume	33	61	104	43	50	82
Delay	7.1	7.4	3.6	7.1	4.1	0
LOS	A	A	A	A	A	A
Queue	0	0	0	0	0	0

Intersection Volume **373**

Intersection Average Delay (seconds) **4.21019**

Intersection Average LOS **A**

Forecast PM Peak 4:45-5:45 PM	Westbound		Northbound		Southbound	
	Left	Right	Left	Right	Left	Right
Volume	71	136	297	60	214	131
Delay	8.9	8.9	3.5	6.5	4.3	0.6
LOS	A	A	A	A	A	A
Queue	0	0	0	0	0	0

Intersection Volume **909**

Intersection Average Delay (seconds) **4.69813**

Intersection Average LOS **A**

Wackerly & US-10 Off Ramps, Existing 2003 Conditions

Existing AM Peak 9-10 AM	Eastbound		Westbound		Southbound	
	Left	Through	Through	Right	Left	Right
Volume	71	430	143	69	26	16
Delay	15.4	13.7	12.2	4.6	17.7	0.4
LOS	B	B	B	A	B	A
Queue	0	1	0	0	0	0
Intersection Volume	755					
Intersection Average Delay (seconds)	12.6					
Intersection Average LOS	B					

Existing NM Peak 12-1 PM	Eastbound		Westbound		Southbound	
	Left	Through	Through	Right	Left	Right
Volume	74	166	112	136	261	5
Delay	16.6	10.1	11.9	5.1	16.8	0
LOS	B	B	B	A	B	A
Queue	0	0	0	0	1	0
Intersection Volume	754					
Intersection Average Delay (seconds)	12.3557					
Intersection Average LOS	B					

Existing PM Peak 4:45-5:45 PM	Eastbound		Westbound		Southbound	
	Left	Through	Through	Right	Left	Right
Volume	123	128	131	148	302	10
Delay	13.5	9.4	13.5	5.1	17.1	1.5
LOS	B	A	B	A	B	A
Queue	0	0	0	0	1	0
Intersection Volume	842					
Intersection Average Delay (seconds)	12.5489					
Intersection Average LOS	B					

Wackerly & US-10 Off Ramps, Forecast 2023 Conditions

Forecast AM Peak 9-10 AM	Eastbound		Westbound		Southbound	
	Left	Through	Through	Right	Left	Right
Volume	78	475	158	76	29	18
Delay	14.1	12.4	13.7	4.7	14	0.9
LOS	B	B	B	A	B	A
Queue	0	1	1	0	0	0
Intersection Volume	834					
Intersection Average Delay (seconds)	11.911					
Intersection Average LOS	B					

Forecast NM Peak 12-1 PM	Eastbound		Westbound		Southbound	
	Left	Through	Through	Right	Left	Right
Volume	82	183	124	150	288	6
Delay	12	10	11.2	5	16.8	6.5
LOS	B	B	B	A	B	A
Queue	0	0	0	0	1	0
Intersection Volume	833					
Intersection Average Delay (seconds)	11.801					
Intersection Average LOS	B					

Forecast PM Peak 4:45-5:45 PM	Eastbound		Westbound		Southbound	
	Left	Through	Through	Right	Left	Right
Volume	187	174	178	397	535	112
Delay	16.8	9.1	12.6	5.7	19.2	2.8
LOS	B	A	B	A	B	A
Queue	0	0	4	0	2	1
Intersection Volume	1583					
Intersection Average Delay (seconds)	12.5182					
Intersection Average LOS	B					

Jefferson & Wackerly, Existing 2003 Conditions

Existing AM Peak 9-10 AM	Eastbound			Westbound			Northbound			Southbound		
	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Volume	46	267	61	4	177	51	87	241	4	53	217	42
Delay	18.2	20.7	19.6	16.2	12.9	10.9	11.1	11.5	7.5	12.6	11	7.4
LOS	B	C	B	B	B	B	B	B	A	B	B	A
Queue	0	2	2	0	1	1	0	1	1	0	1	1

Intersection Volume

1250

Intersection Average Delay (seconds)

14.0772

Intersection Average LOS

B

Existing NM Peak 12-1 PM	Eastbound			Westbound			Northbound			Southbound		
	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Volume	76	207	97	46	242	48	100	481	13	115	361	46
Delay	22.7	20.3	18	16.2	14.7	18.3	14.6	12.3	14.5	25.6	11.5	10.4
LOS	C	C	B	B	B	B	B	B	B	C	B	B
Queue	0	1	1	0	1	1	0	1	1	1	1	1

Intersection Volume

1832

Intersection Average Delay (seconds)

15.28

Intersection Average LOS

B

Existing PM Peak 4:45-5:45 PM	Eastbound			Westbound			Northbound			Southbound		
	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Volume	51	215	112	12	228	102	108	490	12	144	351	37
Delay	21	24	20.3	20.5	19.7	19	18	17.1	20.7	41.1	12.9	8.4
LOS	C	C	C	C	B	B	B	B	C	D	B	A
Queue	0	2	2	0	1	1	0	2	2	1	1	1

Intersection Volume

1862

Intersection Average Delay (seconds)

19.6073

Intersection Average LOS

B

Jefferson & Wackerly, Forecast 2023 Conditions

Forecast AM Peak 9-10 AM	Eastbound		Westbound		Northbound		Southbound	
	Left	Right	Left	Right	Left	Right	Left	Right
Volume	51	67	4	56	96	4	59	46
Delay	20.5	17.4	34.9	8.7	12.2	8.8	11.5	5.7
LOS	C	B	C	A	B	A	B	A
Queue	0	1	0	1	0	1	0	0

Intersection Volume 1314
Intersection Average Delay (seconds) 12.5855
Intersection Average LOS B

Forecast NM Peak 12-1 PM	Eastbound		Westbound		Northbound		Southbound	
	Left	Right	Left	Right	Left	Right	Left	Right
Volume	84	107	51	53	111	14	127	51
Delay	21.7	15.5	15	18.6	15.1	11.9	42	12.2
LOS	C	B	B	B	B	B	D	B
Queue	0	1	0	1	0	2	1	1

Intersection Volume 2025
Intersection Average Delay (seconds) 16.4389
Intersection Average LOS B

Forecast PM Peak 4:45-5:45 PM	Eastbound		Westbound		Northbound		Southbound	
	Left	Right	Left	Right	Left	Right	Left	Right
Volume	56	124	13	177	150	13	181	41
Delay	31.6	130.9	20.3	23.6	43.1	33.3	333.2	86.5
LOS	C	F	C	C	D	C	F	F
Queue	1	10	0	10	1	13	11	11

Intersection Volume 2762
Intersection Average Delay (seconds) 79.4458
Intersection Average LOS E

Jefferson & Joe Mann/Joseph, Existing 2003 Conditions

Existing AM Peak 9-10 AM	Eastbound			Westbound			Northbound			Southbound		
	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Volume	16	73	46	15	50	0	202	119	3	1	251	15
Delay	13.1	17.2	4.6	35.8	40.2	0	7.4	2.4	1.8	0	7.1	3.7
LOS	B	B	A	D	D	A	A	A	A	A	A	A
Queue	0	0	0	0	0	0	0	0	0	0	0	0

Intersection Volume 791
Intersection Average Delay (seconds) 9.92061
Intersection Average LOS A

Existing NM Peak 12-1 PM	Eastbound			Westbound			Northbound			Southbound		
	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Volume	38	140	175	22	104	5	381	161	3	8	326	34
Delay	21.4	19	6.8	23	25.5	4.6	14.5	7.6	8.4	5.3	8	4.8
LOS	C	B	A	C	C	A	B	A	A	A	A	A
Queue	0	1	0	0	1	1	1	0	0	0	1	0

Intersection Volume 1397
Intersection Average Delay (seconds) 12.4775
Intersection Average LOS B

Existing PM Peak 4:45-5:45 PM	Eastbound			Westbound			Northbound			Southbound		
	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Volume	58	76	145	43	202	3	337	304	2	1	344	23
Delay	26.6	21	6.2	18.4	23	1.1	18.1	9.6	0	0	10.3	5.8
LOS	C	C	A	B	C	A	B	A	A	A	B	A
Queue	0	0	0	0	1	1	1	1	0	0	1	0

Intersection Volume 1538
Intersection Average Delay (seconds) 14.4168
Intersection Average LOS B

Jefferson & Joe Mann/Joseph, Forecast 2023 Conditions

Forecast AM Peak 9-10 AM	Eastbound		Westbound		Northbound		Southbound	
	Left	Right	Left	Right	Left	Right	Left	Right
Volume	18	51	17	55	223	131	1	277
Delay	10	4.6	37.5	35	4.3	2.1	0	8.5
LOS	B	A	D	D	A	A	A	A
Queue	0	0	0	1	0	0	0	1

874

Intersection Volume

Intersection Average Delay (seconds) **9.30069**

Intersection Average LOS **A**

Forecast NM Peak 12-1 PM	Eastbound		Westbound		Northbound		Southbound	
	Left	Right	Left	Right	Left	Right	Left	Right
Volume	42	193	24	115	421	178	9	359
Delay	20.7	6.9	21.8	23.9	9.2	6.1	8.4	6.8
LOS	C	A	C	C	A	A	A	A
Queue	0	1	0	1	1	0	0	0

1543

Intersection Volume

Intersection Average Delay (seconds) **10.4596**

Intersection Average LOS **B**

Forecast PM Peak 4:45-5:45 PM	Eastbound		Westbound		Northbound		Southbound	
	Left	Right	Left	Right	Left	Right	Left	Right
Volume	167	366	51	245	560	481	3	504
Delay	41.4	88.7	54.6	85.2	65.4	25	0	55.8
LOS	D	F	D	F	E	C	A	E
Queue	7	1	5	2	6	6	0	9

2604

Intersection Volume

Intersection Average Delay (seconds) **55.5995**

Intersection Average LOS **E**

Jefferson & Letts, Existing 2003 Conditions

Existing AM Peak 9-10 AM	Westbound		Northbound		Southbound	
	Left	Right	Through	Right	Left	Through
Volume	160	0	65	70	0	107
Delay	5.3	0	1.5	4.4	0	0.3
LOS	A	A	A	A	A	A
Queue	0	0	0	0	0	0
Intersection Volume	402					
Intersection Average Delay (seconds)	3.19801					
Intersection Average LOS	A					

Existing NIM Peak 12-1 PM	Westbound		Northbound		Southbound	
	Left	Right	Through	Right	Left	Through
Volume	11	2	188	16	4	356
Delay	7.8	0	1.3	4.1	2	0.4
LOS	A	A	A	A	A	A
Queue	0	0	0	0	0	0
Intersection Volume	577					
Intersection Average Delay (seconds)	0.94662					
Intersection Average LOS	A					

Existing PM Peak 4:45-5:45 PM	Westbound		Northbound		Southbound	
	Left	Right	Through	Right	Left	Through
Volume	10	1	351	14	2	358
Delay	10.3	0	1.7	3.5	0.8	0.8
LOS	B	A	A	A	A	A
Queue	0	0	0	0	0	0
Intersection Volume	736					
Intersection Average Delay (seconds)	1.40856					
Intersection Average LOS	A					

Jefferson & Letts, Forecast 2023 Conditions

Forecast AM Peak 9-10 AM	Eastbound		Westbound		Northbound		Southbound	
	Left	Right	Left	Right	Left	Right	Left	Right
Volume	177	0	72	77	0	188	0	0
Delay	5.4	0	2.1	4.6	0	0	0	0
LOS	A	A	A	A	A	A	A	A
Queue	0	0	0	0	0	0	0	0

Intersection Volume **514**

Intersection Average Delay (seconds) **2.8428**

Intersection Average LOS **A**

Forecast NM Peak 12-1 PM	Eastbound		Westbound		Northbound		Southbound	
	Left	Right	Left	Right	Left	Right	Left	Right
Volume	12	2	208	18	4	393	4	0
Delay	5.5	4.4	1.7	3.7	2.2	0.9	2.2	0
LOS	A	A	A	A	A	A	A	A
Queue	0	0	0	0	0	0	0	0

Intersection Volume **637**

Intersection Average Delay (seconds) **1.34615**

Intersection Average LOS **A**

Forecast PM Peak 4:45-5:45 PM	Eastbound		Westbound		Northbound		Southbound	
	Left	Right	Left	Right	Left	Right	Left	Right
Volume	22	72	42	4	139	71	8	43
Delay	9	8.6	7	2.2	9.5	3.7	2.7	2.7
LOS	A	A	A	A	A	A	A	A
Queue	2	2	1	1	0	0	0	0

Intersection Volume **1338**

Intersection Average Delay (seconds) **3.23184**

Intersection Average LOS **A**

Jefferson & Monroe, Existing 2003 Conditions

Existing AM Peak 9-10 AM	Eastbound		Westbound		Northbound		Southbound	
	Left	Through Right	Left	Through Right	Left	Through Right	Left	Through Right
Volume	7	41 23	52	79 4	15	23 27	4	32 15
Delay	11.2	9.4 8.8	6.3	6.5 6.6	14.7	9.1 11.9	5.2	5.4 5.4
LOS	B	A A	A	A A	B	A B	A	A A
Queue	0	0 0	0	0 0	0	0 0	0	0 0

Intersection Volume **322**

Intersection Average Delay (seconds) **7.94845**

Intersection Average LOS **A**

Existing NM Peak 12-1 PM	Eastbound		Westbound		Northbound		Southbound	
	Left	Through Right	Left	Through Right	Left	Through Right	Left	Through Right
Volume	22	71 35	52	61 7	33	103 54	6	273 15
Delay	10.7	9.6 10.3	6	6.5 5.7	21.2	20.8 19.6	9.3	8.1 7.4
LOS	B	A B	A	A A	C	C C	A	A A
Queue	0	0 0	0	0 0	1	1 1	0	0 0

Intersection Volume **732**

Intersection Average Delay (seconds) **11.3448**

Intersection Average LOS **B**

Existing PM Peak 4:45-5:45 PM	Eastbound		Westbound		Northbound		Southbound	
	Left	Through Right	Left	Through Right	Left	Through Right	Left	Through Right
Volume	29	167 38	61	138 18	50	200 102	5	261 15
Delay	17	18.5 16.2	9.3	8.8 9.3	46.3	44.7 46.1	9.4	9.6 10.5
LOS	C	C C	A	A A	E	E E	A	A B
Queue	1	1 1	0	0 0	3	3 3	0	0 0

Intersection Volume **1084**

Intersection Average Delay (seconds) **22.8916**

Intersection Average LOS **C**

Jefferson & Monroe, Forecast 2023 Conditions

Forecast AM Peak 9-10 AM	Eastbound		Westbound		Northbound		Southbound	
	Left	Right	Left	Right	Left	Right	Left	Right
Volume	8	25	57	4	17	30	4	17
Delay	8.1	7.4	6	5.6	7.1	10.1	5.1	4.9
LOS	A	A	A	A	A	B	A	A
Queue	0	0	0	0	0	0	0	0

Intersection Volume 354
Intersection Average Delay (seconds) 7.09294
Intersection Average LOS A

Forecast NM Peak 12-1 PM	Eastbound		Westbound		Northbound		Southbound	
	Left	Right	Left	Right	Left	Right	Left	Right
Volume	24	39	57	8	36	60	7	17
Delay	10.4	10.4	5.9	6.3	24.7	22.6	8.9	8.3
LOS	B	B	A	A	C	C	A	A
Queue	0	0	0	0	1	1	0	0

Intersection Volume 809
Intersection Average Delay (seconds) 12.1026
Intersection Average LOS B

Forecast PM Peak 4:45-5:45 PM	Eastbound		Westbound		Northbound		Southbound	
	Left	Right	Left	Right	Left	Right	Left	Right
Volume	32	42	74	20	55	120	6	17
Delay	20.5	26.2	11.1	10	110.3	126.7	69.3	74
LOS	C	C	B	B	F	F	E	E
Queue	1	1	0	0	6	6	9	9

Intersection Volume 1375
Intersection Average Delay (seconds) 74.1746
Intersection Average LOS E

Eastman Capacity as a Boulevard, Forecast 2023 Conditions

Eastman & Wackerly		Eastbound		Westbound		Northbound		Southbound				
		Left	Right	Left	Right	Left	Right	Left	Right			
Forecast PM Peak 4:45-5:45 PM	421	211	77	82	102	260	75	1217	48	159	1447	398
Volume	55.7	57.6	18.5	35.6	91.2	74	34.8	24.6	23.2	70	32.7	11.9
Delay	E	E	B	D	F	E	C	C	C	E	C	B
LOS	E	E	B	D	F	E	C	C	C	E	C	B
Intersection Volume	4497											
Intersection Average Delay (seconds)	36.76547											
Intersection Average LOS	D											

Eastman & SB to NB Utturn North of Wackerly

Forecast PM Peak 4:45-5:45 PM	Northbound	
	Utturn	Through
Volume	235	1898
Delay	26.2	7.3
LOS	C	A

Intersection Volume 2133
 Intersection Average Delay (seconds) 9.382278
 Intersection Average LOS A

Eastman & Airport/US-10 Off Ramp

Forecast PM Peak 4:45-5:45 PM	EB		WB		Northbound		Southbound	
	Right	Left	Right	Left	Through	Right	Through	Right
Volume	568	951	43.7	951	1877	256	2179	640
Delay	46.1	43.7	D	D	B	7.6	13.8	12.5
LOS	D	D	D	D	B	A	B	B

Intersection Volume 6471
 Intersection Average Delay (seconds) 20.04639
 Intersection Average LOS C

Eastman Capacity as a Boulevard, Forecast 2023 Conditions

Eastman & NB to SB Uturn North of Airport

Forecast PM Peak 4:45-5:45 PM	Southbound	
	Uturn	Through
Volume	809	2010
Delay	41.4	13.6
LOS	D	B

Intersection Volume 2819
Intersection Average Delay (seconds) 21.57808
Intersection Average LOS C

Eastman & South Mall Exit

Forecast PM Peak 4:45-5:45 PM	WB		Northbound		SB	
	Right	Through	Right	Through	Direct L	Through
Volume	316	1199	75	32	26.2	32
Delay	12	9.6	5.1	26.2	26.2	26.2
LOS	D	B	A	B	B	B

Intersection Volume 1622
Intersection Average Delay (seconds) 10.18699
Intersection Average LOS B

Eastman & NB to SB Uturn North of South Mall Exit

Forecast PM Peak 4:45-5:45 PM	Southbound	
	Uturn	Through
Volume	297	1745
Delay	19.2	14.8
LOS	B	B

Intersection Volume 2042
Intersection Average Delay (seconds) 15.43996
Intersection Average LOS B

Eastman Capacity as a Boulevard, Forecast 2023 Conditions

Eastman & Mid Mall Exit

Forecast PM Peak 4:45-5:45 PM	WB Right	Northbound Through	Right	SB U-turn
Volume	36	1459	56	231
Delay	14	11.9	8.9	23.8
LOS	B	B	A	C

Intersection Volume 1782
Intersection Average Delay (seconds) 13.39074
Intersection Average LOS B

Eastman & Joe Mann

Forecast PM Peak 4:45-5:45 PM	WB Right	Northbound Through	Right
Volume	812	1007	719
Delay	9	4.8	8.3
LOS	A	A	A

Intersection Volume 2538
Intersection Average Delay (seconds) 7.135264
Intersection Average LOS A

Eastman & NB to SB Uturn North of Joe Mann

Forecast PM Peak 4:45-5:45 PM	Southbound Uturn	Through
Volume	612	1364
Delay	21.2	12.1
LOS	C	B

Intersection Volume 1976
Intersection Average Delay (seconds) 14.91842
Intersection Average LOS B