

IH 90: STH 16 TO IH 90 & IH 94 (MONROE AND LA CROSSE COUNTIES) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 27 - STH 16 - STH 162	MAY
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

FRIDAY WESTBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR						AVERAGE SPEEDS IN MPH								
	MAIN ROUTE		ALTERNATE ROUTE		SITE CAPA CITY	FLOW MAIN ROUTE	FLOW DIVER -TING	TOTAL DIVN FLOW	AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		ALTERNATE ROUTE		
	DEMAND FLOW	PCT HEAVY	NORMAL FLOW	PCT HEAVY							WITHOUT WORK ZN	WITH WORK ZN	SITE	WITHOUT WORK ZN	WITH WORK ZN
MID-1 AM	154	0.0	30	0.0	1500	154	0	30	0.44	0	66.1	62.8	44.9	34.5	34.5
1-2 AM	112	0.0	22	0.0	1500	112	0	22	0.43	0	66.2	63.0	45.0	34.5	34.5
2-3 AM	114	0.0	22	0.0	1500	114	0	22	0.43	0	66.2	62.9	45.0	34.5	34.5
3-4 AM	113	0.0	22	0.0	1500	113	0	22	0.43	0	66.2	63.0	45.0	34.5	34.5
4-5 AM	156	0.0	30	0.0	1500	156	0	30	0.44	0	66.1	62.8	44.8	34.5	34.5
5-6 AM	235	0.0	46	0.0	1500	235	0	46	0.45	0	66.0	62.7	44.5	34.3	34.3
6-7 AM	340	0.0	66	0.0	1500	340	0	66	0.46	0	65.8	62.4	44.2	34.0	34.0
7-8 AM	498	0.0	97	0.0	1500	498	0	97	0.47	0	65.5	62.0	43.5	33.7	33.7
8-9 AM	597	0.0	116	0.0	1500	597	0	116	0.48	0	65.3	61.8	43.2	33.5	33.5
9-10 AM	645	0.0	126	0.0	1500	645	0	126	0.48	0	65.2	61.7	43.0	33.4	33.4
10-11 AM	719	0.0	140	0.0	1500	719	0	140	0.49	0	65.0	61.5	42.7	33.2	33.2
11A-NOON	817	0.0	159	0.0	1500	817	0	159	0.50	0	64.8	61.3	42.4	33.0	33.0
NOON-1PM	799	0.0	156	0.0	1500	799	0	156	0.50	0	64.9	61.4	42.4	33.0	33.0
1-2 PM	857	0.0	167	0.0	1500	857	0	167	0.51	0	64.8	61.2	42.2	32.9	32.9
2-3 PM	992	0.0	194	0.0	1500	992	0	194	0.52	0	64.5	60.9	41.7	32.7	32.7
3-4 PM	1094	0.0	213	0.0	1500	1094	0	213	0.53	0	64.3	60.7	41.4	32.4	32.4
4-5 PM	1098	0.0	213	0.0	1500	1098	0	213	0.53	0	64.3	60.7	41.4	32.4	32.4
5-6 PM	1015	0.0	198	0.0	1500	1015	0	198	0.52	0	64.5	60.9	41.6	32.6	32.6
6-7 PM	900	0.0	176	0.0	1500	900	0	176	0.51	0	64.7	61.1	42.0	32.9	32.9
7-8 PM	771	0.0	151	0.0	1500	771	0	151	0.50	0	65.0	61.4	42.5	33.1	33.1
8-9 PM	628	0.0	122	0.0	1500	628	0	122	0.48	0	65.2	61.7	43.0	33.4	33.4
9-10 PM	445	0.0	87	0.0	1500	445	0	87	0.47	0	65.6	62.2	43.7	33.8	33.8
10-11 PM	324	0.0	63	0.0	1500	324	0	63	0.45	0	65.8	62.4	44.2	34.1	34.1
11PM-MID	219	0.0	43	0.0	1500	219	0	43	0.44	0	66.0	62.7	44.6	34.3	34.3

----- SITE BREAKDOWN DELAYS -----	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN	0.0
(VEH-H) MAX	0.0
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV DIVN DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

----- SITE ACCIDENT DELAYS -----	
ACCIDENT DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN	0.0
(VEH-H) MAX	0.0
AV ACCIDENTS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV DIVN DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0202
MAIN ROUTE WITH WORKS	0.0193
DIVERSION	0.0394

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,400
CONGESTED HOURS PER DAY*	0

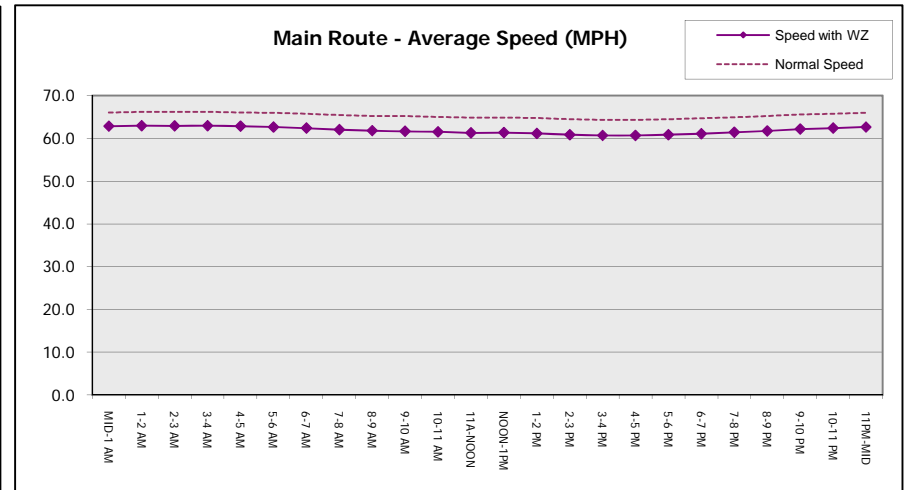
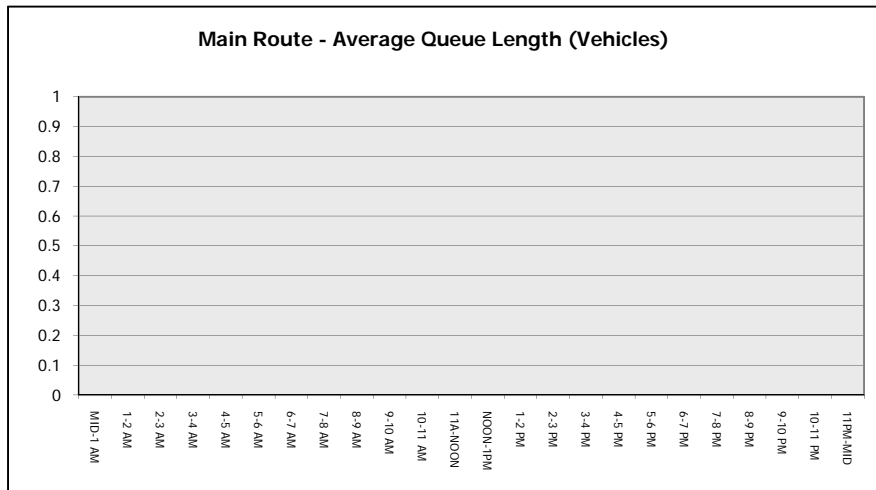
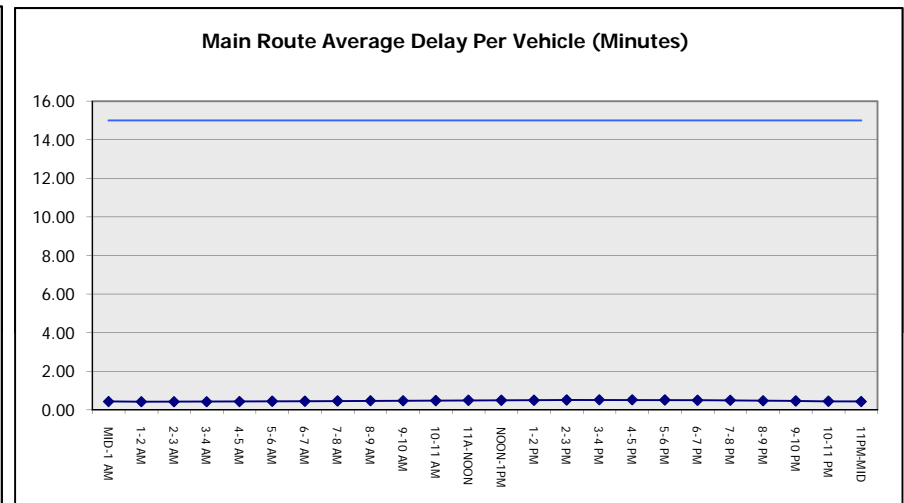
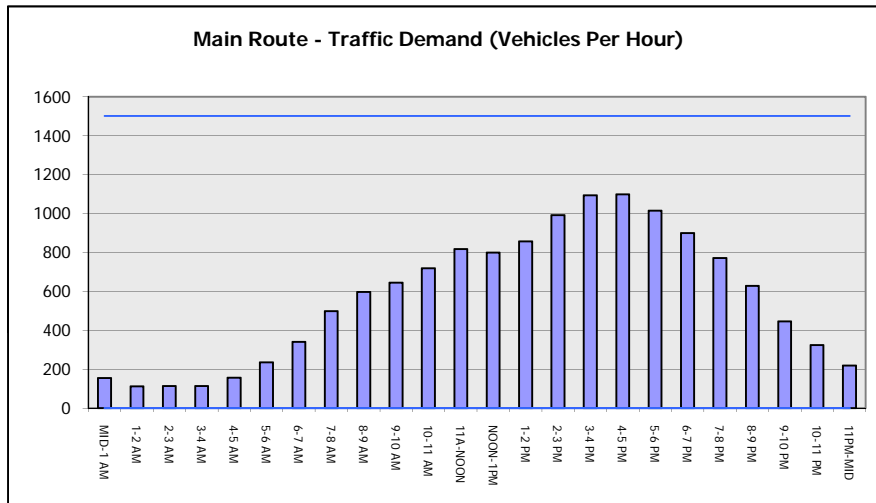
*Delays Exceeding 15 Minutes

**IH 90: STH 16 TO IH 90 & IH 94 (MONROE AND LA CROSSE COUNTIES)
 CONTINUOUS (24 HOUR) CLOSURE
 DIVERSION ROUTE: STH 27 - STH 16 - STH 162**

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

FRIDAY WESTBOUND DIRECTION



IH 90: STH 16 TO IH 90 & IH 94 (MONROE AND LA CROSSE COUNTIES) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 27 - STH 16 - STH 162	MAY
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT	
FRIDAY	EASTBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR								AVERAGE SPEEDS IN MPH						
	MAIN		DIVERSION		SITE CAPA CITY	FLOW MAIN ROUTE	FLOW DIVER -TING	TOTAL DIVN FLOW	AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		SITE	ALTERNATE ROUTE	
	DEMAND FLOW	PCT HEAVY	NORMAL FLOW	PCT HEAVY							WITHOUT WORK ZN	WITH WORK ZN		WITHOUT WORK ZN	WITH WORK ZN
MID-1 AM	119	0.0	23	0.0	1500	119	0	23	0.43	0	66.1	62.9	45.0	34.5	34.5
1-2 AM	104	0.0	21	0.0	1500	104	0	21	0.43	0	66.2	63.0	45.1	34.5	34.5
2-3 AM	113	0.0	22	0.0	1500	113	0	22	0.43	0	66.2	63.0	45.0	34.5	34.5
3-4 AM	132	0.0	26	0.0	1500	132	0	26	0.44	0	66.1	62.9	45.0	34.5	34.5
4-5 AM	166	0.0	32	0.0	1500	166	0	32	0.44	0	66.1	62.8	44.8	34.4	34.4
5-6 AM	253	0.0	49	0.0	1500	253	0	49	0.45	0	65.9	62.6	44.5	34.2	34.2
6-7 AM	429	0.0	84	0.0	1500	429	0	84	0.46	0	65.6	62.2	43.8	33.8	33.8
7-8 AM	530	0.0	104	0.0	1500	530	0	104	0.47	0	65.4	62.0	43.4	33.7	33.7
8-9 AM	540	0.0	105	0.0	1500	540	0	105	0.47	0	65.4	61.9	43.3	33.7	33.7
9-10 AM	654	0.0	128	0.0	1500	654	0	128	0.49	0	65.1	61.7	42.9	33.3	33.3
10-11 AM	712	0.0	139	0.0	1500	712	0	139	0.49	0	65.1	61.5	42.7	33.2	33.2
11A-NOON	774	0.0	151	0.0	1500	774	0	151	0.50	0	65.0	61.4	42.5	33.1	33.1
NOON-1PM	823	0.0	160	0.0	1500	823	0	160	0.50	0	64.8	61.3	42.3	33.0	33.0
1-2 PM	965	0.0	188	0.0	1500	965	0	188	0.52	0	64.6	60.9	41.8	32.7	32.7
2-3 PM	1061	0.0	206	0.0	1500	1061	0	206	0.52	0	64.4	60.7	41.5	32.5	32.5
3-4 PM	1084	0.0	211	0.0	1500	1084	0	211	0.53	0	64.3	60.7	41.4	32.5	32.5
4-5 PM	1073	0.0	209	0.0	1500	1073	0	209	0.53	0	64.4	60.7	41.4	32.5	32.5
5-6 PM	1035	0.0	202	0.0	1500	1035	0	202	0.52	0	64.5	60.8	41.5	32.5	32.5
6-7 PM	914	0.0	178	0.0	1500	914	0	178	0.51	0	64.7	61.0	42.0	32.9	32.9
7-8 PM	697	0.0	136	0.0	1500	697	0	136	0.49	0	65.1	61.5	42.8	33.3	33.3
8-9 PM	511	0.0	99	0.0	1500	511	0	99	0.47	0	65.5	62.0	43.5	33.7	33.7
9-10 PM	390	0.0	76	0.0	1500	390	0	76	0.46	0	65.6	62.3	43.9	34.0	34.0
10-11 PM	299	0.0	59	0.0	1500	299	0	59	0.45	0	65.8	62.5	44.3	34.2	34.2
11PM-MID	201	0.0	39	0.0	1500	201	0	39	0.44	0	66.0	62.7	44.6	34.3	34.3

----- SITE BREAKDOWN DELAYS -----	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN	0.0
(VEH-H) MAX	0.0
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV DIVN DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

----- SITE ACCIDENT DELAYS -----	
ACCIDENT DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN	0.0
(VEH-H) MAX	0.0
AV ACCIDENTS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV DIVN DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0201
MAIN ROUTE WITH WORKS	0.0192
DIVERSION	0.0392

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,393
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

FRIDAY EASTBOUND DIRECTION

