

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

SATURDAY 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	165	0.0	32	0.0	1500	165	0	32	0.44	0	66.1	62.8	44.8	34.4	34.4
1-2 AM	98	0.0	19	0.0	1500	98	0	19	0.43	0	66.2	63.0	45.1	34.6	34.6
2-3 AM	93	0.0	18	0.0	1500	93	0	18	0.43	0	66.2	63.0	45.1	34.6	34.6
3-4 AM	95	0.0	19	0.0	1500	95	0	19	0.43	0	66.2	63.0	45.1	34.6	34.6
4-5 AM	95	0.0	19	0.0	1500	95	0	19	0.43	0	66.2	63.0	45.1	34.6	34.6
5-6 AM	112	0.0	22	0.0	1500	112	0	22	0.43	0	66.2	63.0	45.0	34.5	34.5
6-7 AM	196	0.0	39	0.0	1500	196	0	39	0.44	0	66.0	62.7	44.7	34.3	34.3
7-8 AM	334	0.0	65	0.0	1500	334	0	65	0.45	0	65.8	62.4	44.2	34.1	34.1
8-9 AM	481	0.0	93	0.0	1500	481	0	93	0.47	0	65.5	62.1	43.6	33.8	33.8
9-10 AM	749	0.0	145	0.0	1500	749	0	145	0.49	0	65.0	61.4	42.6	33.2	33.2
10-11 AM	868	0.0	169	0.0	1500	868	0	169	0.51	0	64.8	61.2	42.2	32.9	32.9
11A-NOON	874	0.0	170	0.0	1500	874	0	170	0.51	0	64.8	61.2	42.1	32.9	32.9
NOON-1PM	788	0.0	154	0.0	1500	788	0	154	0.50	0	64.9	61.4	42.4	33.1	33.1
1-2 PM	709	0.0	138	0.0	1500	709	0	138	0.49	0	65.1	61.5	42.7	33.3	33.3
2-3 PM	694	0.0	135	0.0	1500	694	0	135	0.49	0	65.1	61.6	42.8	33.3	33.3
3-4 PM	624	0.0	121	0.0	1500	624	0	121	0.48	0	65.2	61.7	43.0	33.5	33.5
4-5 PM	596	0.0	116	0.0	1500	596	0	116	0.48	0	65.3	61.8	43.2	33.5	33.5
5-6 PM	493	0.0	96	0.0	1500	493	0	96	0.47	0	65.5	62.0	43.5	33.7	33.7
6-7 PM	455	0.0	89	0.0	1500	455	0	89	0.47	0	65.5	62.2	43.7	33.8	33.8
7-8 PM	375	0.0	73	0.0	1500	375	0	73	0.46	0	65.7	62.3	44.0	34.0	34.0
8-9 PM	322	0.0	63	0.0	1500	322	0	63	0.45	0	65.8	62.5	44.2	34.1	34.1
9-10 PM	272	0.0	53	0.0	1500	272	0	53	0.45	0	65.9	62.5	44.4	34.2	34.2
10-11 PM	203	0.0	40	0.0	1500	203	0	40	0.44	0	66.0	62.7	44.6	34.3	34.3
11PM-MID	161	0.0	31	0.0	1500	161	0	31	0.44	0	66.1	62.8	44.8	34.4	34.4

----- 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	0.0146
MAIN ROUTE WITH WORKS	0.0139
DIVERSION	0.0284

PIA: Personal Injury Accidents

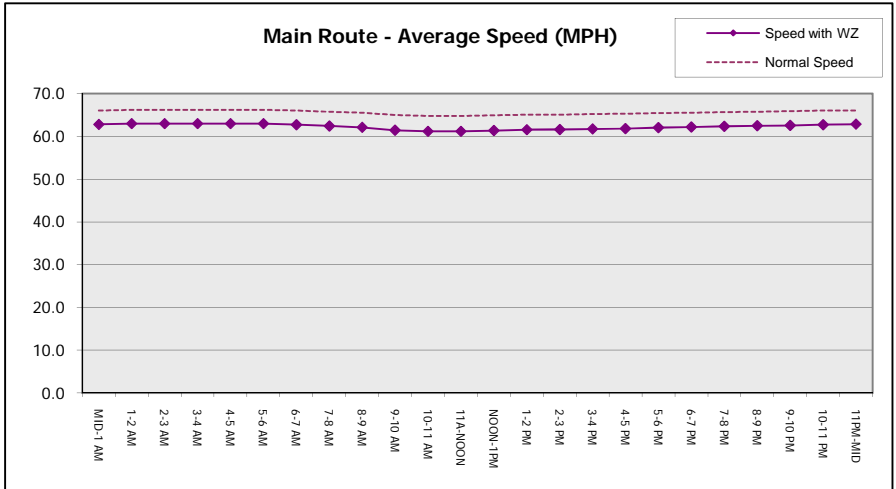
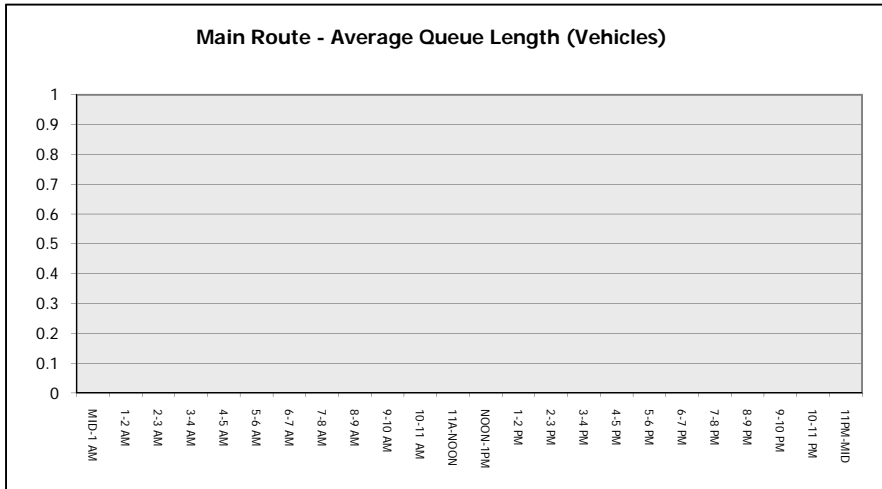
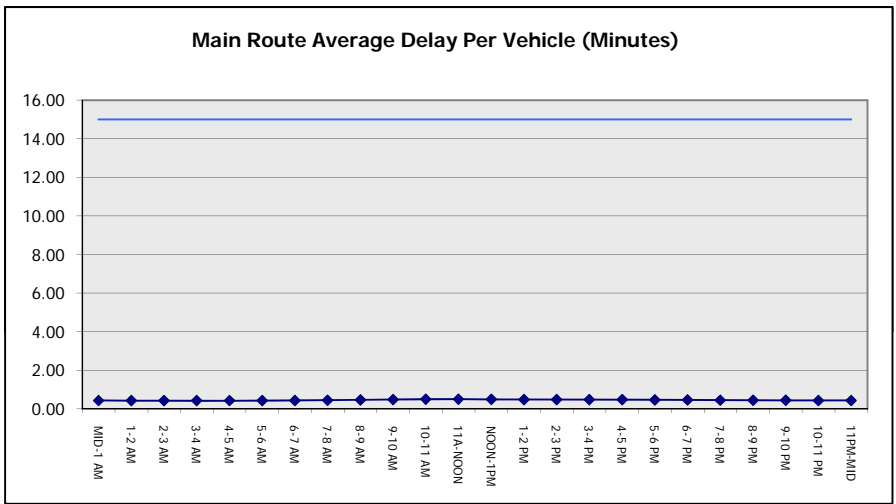
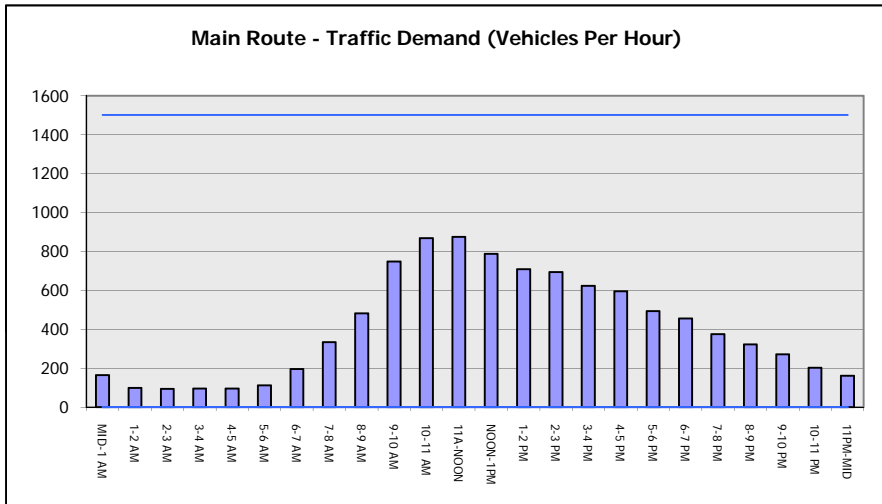
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,187
CONGESTED HOURS PER DAY*	0

*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
SATURDAY 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

SATURDAY 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	130	0.0	25	0.0	1500	130	0	25	0.44	0	66.1	62.9	45.0	34.5	34.5
1-2 AM	98	0.0	19	0.0	1500	98	0	19	0.43	0	66.2	63.0	45.1	34.6	34.6
2-3 AM	81	0.0	16	0.0	1500	81	0	16	0.43	0	66.3	63.0	45.1	34.6	34.6
3-4 AM	90	0.0	18	0.0	1500	90	0	18	0.43	0	66.2	63.0	45.1	34.6	34.6
4-5 AM	98	0.0	19	0.0	1500	98	0	19	0.43	0	66.2	63.0	45.1	34.6	34.6
5-6 AM	147	0.0	28	0.0	1500	147	0	28	0.44	0	66.1	62.8	44.9	34.5	34.5
6-7 AM	236	0.0	46	0.0	1500	236	0	46	0.45	0	66.0	62.7	44.5	34.3	34.3
7-8 AM	358	0.0	70	0.0	1500	358	0	70	0.46	0	65.7	62.3	44.0	34.0	34.0
8-9 AM	538	0.0	105	0.0	1500	538	0	105	0.47	0	65.4	61.9	43.3	33.7	33.7
9-10 AM	670	0.0	131	0.0	1500	670	0	131	0.49	0	65.1	61.6	42.8	33.3	33.3
10-11 AM	753	0.0	146	0.0	1500	753	0	146	0.50	0	65.0	61.4	42.5	33.2	33.2
11A-NOON	791	0.0	154	0.0	1500	791	0	154	0.50	0	64.9	61.4	42.4	33.1	33.1
NOON-1PM	750	0.0	146	0.0	1500	750	0	146	0.50	0	65.0	61.4	42.6	33.2	33.2
1-2 PM	754	0.0	146	0.0	1500	754	0	146	0.50	0	65.0	61.4	42.5	33.2	33.2
2-3 PM	703	0.0	137	0.0	1500	703	0	137	0.49	0	65.1	61.5	42.7	33.3	33.3
3-4 PM	698	0.0	136	0.0	1500	698	0	136	0.49	0	65.1	61.5	42.8	33.3	33.3
4-5 PM	680	0.0	133	0.0	1500	680	0	133	0.49	0	65.1	61.6	42.8	33.3	33.3
5-6 PM	585	0.0	114	0.0	1500	585	0	114	0.48	0	65.3	61.9	43.2	33.5	33.5
6-7 PM	564	0.0	110	0.0	1500	564	0	110	0.48	0	65.3	61.9	43.3	33.6	33.6
7-8 PM	441	0.0	86	0.0	1500	441	0	86	0.47	0	65.6	62.2	43.7	33.8	33.8
8-9 PM	400	0.0	78	0.0	1500	400	0	78	0.46	0	65.6	62.3	43.9	33.9	33.9
9-10 PM	285	0.0	55	0.0	1500	285	0	55	0.45	0	65.8	62.5	44.3	34.2	34.2
10-11 PM	214	0.0	42	0.0	1500	214	0	42	0.44	0	66.0	62.7	44.6	34.3	34.3
11PM-MID	129	0.0	25	0.0	1500	129	0	25	0.43	0	66.1	62.9	45.0	34.5	34.5

----- 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	0.0151
MAIN ROUTE WITH WORKS	0.0144
DIVERSION	0.0294

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,233
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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 CONTINUOUS (24 HOUR) CLOSURE
 DIVERSION ROUTE: STH 27 - STH 16 - STH 162**

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 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY EASTBOUND DIRECTION

