

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

MON-THUR 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	123	0.0	24	0.0	1500	123	0	24	0.43	0	66.1	62.9	45.0	34.5	34.5
1-2 AM	84	0.0	17	0.0	1500	84	0	17	0.43	0	66.2	63.0	45.1	34.6	34.6
2-3 AM	80	0.0	16	0.0	1500	80	0	16	0.43	0	66.3	63.0	45.1	34.6	34.6
3-4 AM	92	0.0	18	0.0	1500	92	0	18	0.43	0	66.2	63.0	45.1	34.6	34.6
4-5 AM	134	0.0	26	0.0	1500	134	0	26	0.44	0	66.1	62.9	45.0	34.5	34.5
5-6 AM	227	0.0	44	0.0	1500	227	0	44	0.44	0	66.0	62.7	44.6	34.3	34.3
6-7 AM	335	0.0	65	0.0	1500	335	0	65	0.45	0	65.8	62.4	44.2	34.1	34.1
7-8 AM	455	0.0	89	0.0	1500	455	0	89	0.47	0	65.5	62.2	43.7	33.8	33.8
8-9 AM	524	0.0	101	0.0	1500	524	0	101	0.47	0	65.4	62.0	43.4	33.7	33.7
9-10 AM	587	0.0	114	0.0	1500	587	0	114	0.48	0	65.3	61.9	43.2	33.5	33.5
10-11 AM	615	0.0	120	0.0	1500	615	0	120	0.48	0	65.3	61.7	43.1	33.5	33.5
11A-NOON	605	0.0	118	0.0	1500	605	0	118	0.48	0	65.3	61.8	43.1	33.5	33.5
NOON-1PM	613	0.0	119	0.0	1500	613	0	119	0.48	0	65.3	61.8	43.1	33.5	33.5
1-2 PM	664	0.0	130	0.0	1500	664	0	130	0.49	0	65.1	61.7	42.9	33.3	33.3
2-3 PM	738	0.0	143	0.0	1500	738	0	143	0.49	0	65.0	61.5	42.6	33.2	33.2
3-4 PM	799	0.0	156	0.0	1500	799	0	156	0.50	0	64.9	61.4	42.4	33.0	33.0
4-5 PM	831	0.0	162	0.0	1500	831	0	162	0.50	0	64.8	61.2	42.3	33.0	33.0
5-6 PM	688	0.0	134	0.0	1500	688	0	134	0.49	0	65.1	61.6	42.8	33.3	33.3
6-7 PM	552	0.0	108	0.0	1500	552	0	108	0.48	0	65.3	61.9	43.3	33.6	33.6
7-8 PM	448	0.0	88	0.0	1500	448	0	88	0.47	0	65.6	62.2	43.7	33.8	33.8
8-9 PM	368	0.0	72	0.0	1500	368	0	72	0.46	0	65.7	62.3	44.0	34.0	34.0
9-10 PM	305	0.0	60	0.0	1500	305	0	60	0.45	0	65.8	62.5	44.3	34.1	34.1
10-11 PM	225	0.0	44	0.0	1500	225	0	44	0.44	0	66.0	62.7	44.6	34.3	34.3
11PM-MID	164	0.0	32	0.0	1500	164	0	32	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 (VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN (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 (VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN (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	0.0152
MAIN ROUTE WITH WORKS	0.0145
DIVERSION	0.0296

PIA: Personal Injury Accidents

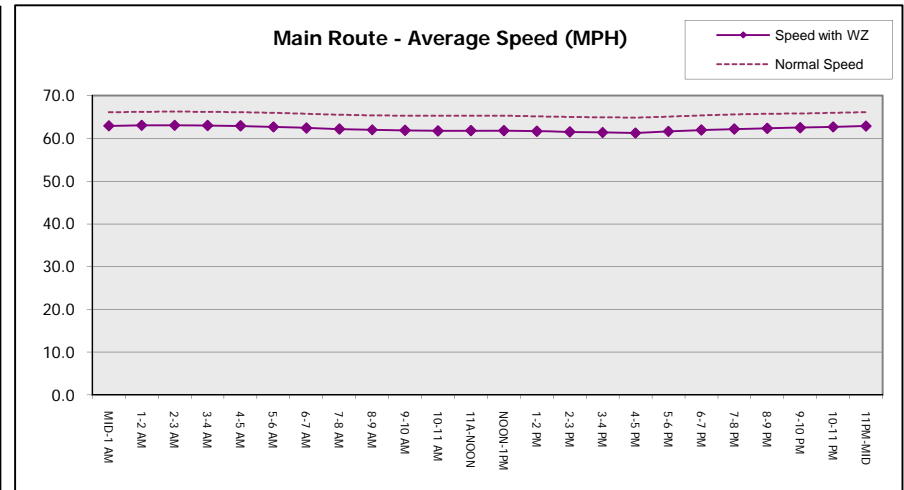
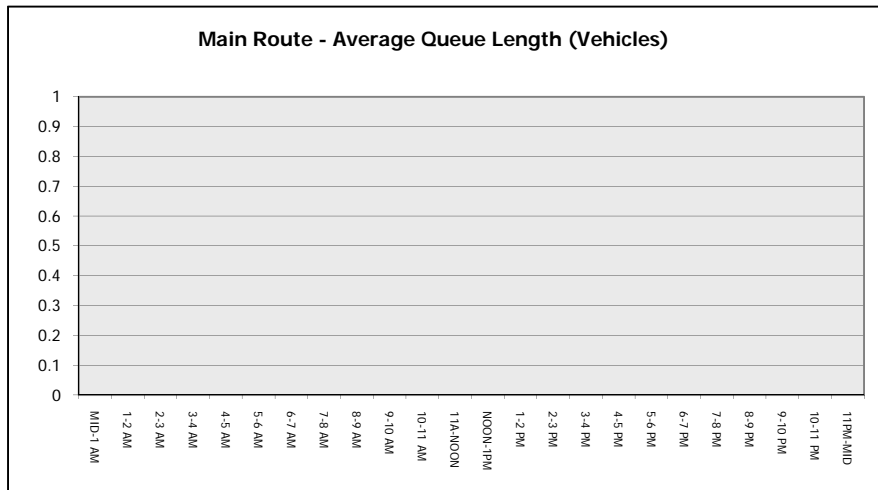
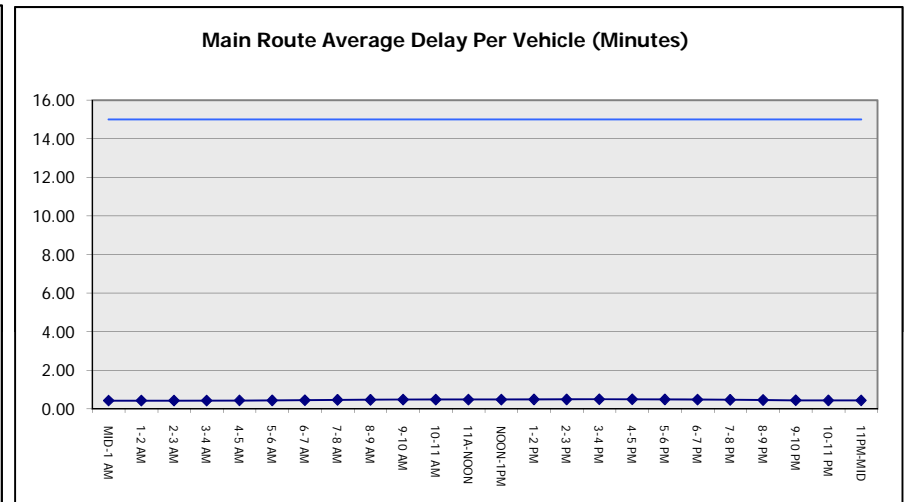
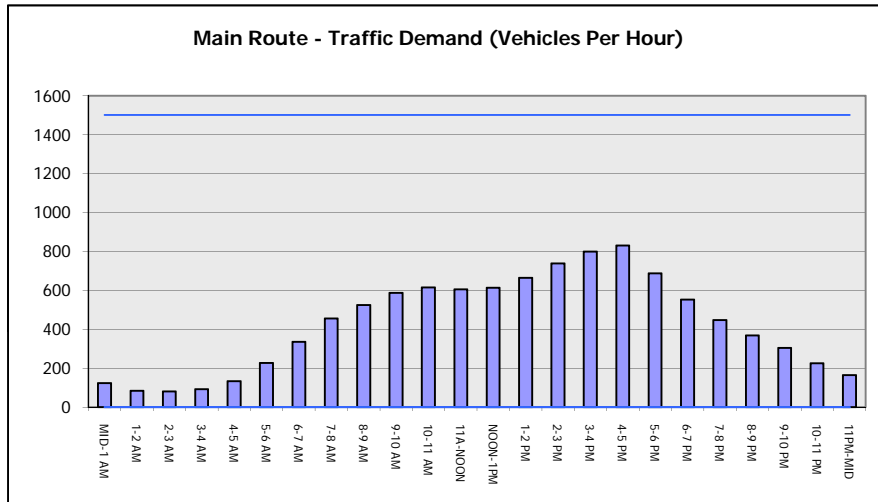
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$977
CONGESTED HOURS PER DAY*	0

*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
MON-THUR 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
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SUMMARY OF TRAFFIC MODEL OUTPUT	
MON-THUR	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	104	0.0	20	0.0	1500	104	0	20	0.43	0	66.2	63.0	45.1	34.5	34.5
1-2 AM	86	0.0	17	0.0	1500	86	0	17	0.43	0	66.2	63.0	45.1	34.6	34.6
2-3 AM	90	0.0	18	0.0	1500	90	0	18	0.43	0	66.2	63.0	45.1	34.6	34.6
3-4 AM	122	0.0	24	0.0	1500	122	0	24	0.43	0	66.1	62.9	45.0	34.5	34.5
4-5 AM	159	0.0	31	0.0	1500	159	0	31	0.44	0	66.1	62.8	44.8	34.4	34.4
5-6 AM	276	0.0	53	0.0	1500	276	0	53	0.45	0	65.9	62.5	44.4	34.2	34.2
6-7 AM	424	0.0	83	0.0	1500	424	0	83	0.46	0	65.6	62.2	43.8	33.8	33.8
7-8 AM	545	0.0	106	0.0	1500	545	0	106	0.48	0	65.4	61.9	43.3	33.6	33.6
8-9 AM	507	0.0	98	0.0	1500	507	0	98	0.47	0	65.5	62.0	43.5	33.7	33.7
9-10 AM	529	0.0	103	0.0	1500	529	0	103	0.47	0	65.4	62.0	43.4	33.7	33.7
10-11 AM	567	0.0	111	0.0	1500	567	0	111	0.48	0	65.3	61.9	43.2	33.5	33.5
11A-NOON	589	0.0	115	0.0	1500	589	0	115	0.48	0	65.3	61.8	43.2	33.5	33.5
NOON-1PM	609	0.0	118	0.0	1500	609	0	118	0.48	0	65.3	61.8	43.1	33.5	33.5
1-2 PM	666	0.0	130	0.0	1500	666	0	130	0.49	0	65.1	61.7	42.9	33.3	33.3
2-3 PM	704	0.0	137	0.0	1500	704	0	137	0.49	0	65.1	61.5	42.7	33.3	33.3
3-4 PM	723	0.0	141	0.0	1500	723	0	141	0.49	0	65.0	61.5	42.7	33.2	33.2
4-5 PM	727	0.0	141	0.0	1500	727	0	141	0.49	0	65.0	61.5	42.7	33.2	33.2
5-6 PM	649	0.0	127	0.0	1500	649	0	127	0.49	0	65.2	61.7	43.0	33.4	33.4
6-7 PM	495	0.0	96	0.0	1500	495	0	96	0.47	0	65.5	62.0	43.5	33.7	33.7
7-8 PM	424	0.0	83	0.0	1500	424	0	83	0.46	0	65.6	62.2	43.8	33.8	33.8
8-9 PM	342	0.0	67	0.0	1500	342	0	67	0.46	0	65.8	62.4	44.1	34.0	34.0
9-10 PM	290	0.0	56	0.0	1500	290	0	56	0.45	0	65.8	62.5	44.3	34.2	34.2
10-11 PM	201	0.0	39	0.0	1500	201	0	39	0.44	0	66.0	62.7	44.6	34.3	34.3
11PM-MID	156	0.0	30	0.0	1500	156	0	30	0.44	0	66.1	62.8	44.8	34.5	34.5

----- SITE BREAKDOWN DELAYS -----	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN (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 (VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN (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	0.0148
MAIN ROUTE WITH WORKS	0.0141
DIVERSION	0.0288

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$946
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
MON-THUR EASTBOUND DIRECTION

