

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	AUGUST
	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	170	0.0	33	0.0	1500	170	0	33	0.44	0	66.1	62.8	44.8	34.4	34.4
1-2 AM	132	0.0	26	0.0	1500	132	0	26	0.44	0	66.1	62.9	45.0	34.5	34.5
2-3 AM	122	0.0	24	0.0	1500	122	0	24	0.43	0	66.1	62.9	45.0	34.5	34.5
3-4 AM	124	0.0	24	0.0	1500	124	0	24	0.43	0	66.1	62.9	45.0	34.5	34.5
4-5 AM	117	0.0	23	0.0	1500	117	0	23	0.43	0	66.1	62.9	45.0	34.5	34.5
5-6 AM	146	0.0	28	0.0	1500	146	0	28	0.44	0	66.1	62.8	44.9	34.5	34.5
6-7 AM	211	0.0	41	0.0	1500	211	0	41	0.44	0	66.0	62.7	44.6	34.3	34.3
7-8 AM	325	0.0	63	0.0	1500	325	0	63	0.45	0	65.8	62.4	44.2	34.1	34.1
8-9 AM	496	0.0	96	0.0	1500	496	0	96	0.47	0	65.5	62.0	43.5	33.7	33.7
9-10 AM	767	0.0	150	0.0	1500	767	0	150	0.50	0	65.0	61.4	42.5	33.2	33.2
10-11 AM	963	0.0	187	0.0	1500	963	0	187	0.52	0	64.6	61.0	41.8	32.7	32.7
11A-NOON	997	0.0	195	0.0	1500	997	0	195	0.52	0	64.5	60.9	41.7	32.7	32.7
NOON-1PM	970	0.0	189	0.0	1500	970	0	189	0.52	0	64.6	60.9	41.8	32.7	32.7
1-2 PM	872	0.0	170	0.0	1500	872	0	170	0.51	0	64.8	61.2	42.1	32.9	32.9
2-3 PM	830	0.0	162	0.0	1500	830	0	162	0.50	0	64.8	61.2	42.3	33.0	33.0
3-4 PM	760	0.0	148	0.0	1500	760	0	148	0.50	0	65.0	61.4	42.5	33.2	33.2
4-5 PM	725	0.0	141	0.0	1500	725	0	141	0.49	0	65.0	61.5	42.7	33.2	33.2
5-6 PM	652	0.0	127	0.0	1500	652	0	127	0.49	0	65.1	61.7	42.9	33.4	33.4
6-7 PM	557	0.0	109	0.0	1500	557	0	109	0.48	0	65.3	61.9	43.3	33.6	33.6
7-8 PM	464	0.0	90	0.0	1500	464	0	90	0.47	0	65.5	62.1	43.7	33.8	33.8
8-9 PM	378	0.0	74	0.0	1500	378	0	74	0.46	0	65.7	62.3	44.0	34.0	34.0
9-10 PM	330	0.0	64	0.0	1500	330	0	64	0.45	0	65.8	62.4	44.2	34.1	34.1
10-11 PM	267	0.0	52	0.0	1500	267	0	52	0.45	0	65.9	62.6	44.4	34.2	34.2
11PM-MID	178	0.0	35	0.0	1500	178	0	35	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	0.0171
MAIN ROUTE WITH WORKS	0.0163
DIVERSION	0.0333

PIA: Personal Injury Accidents

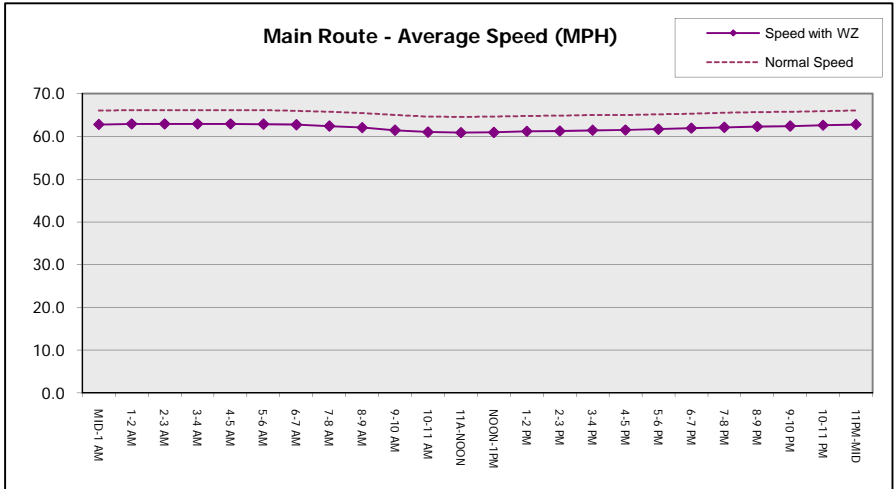
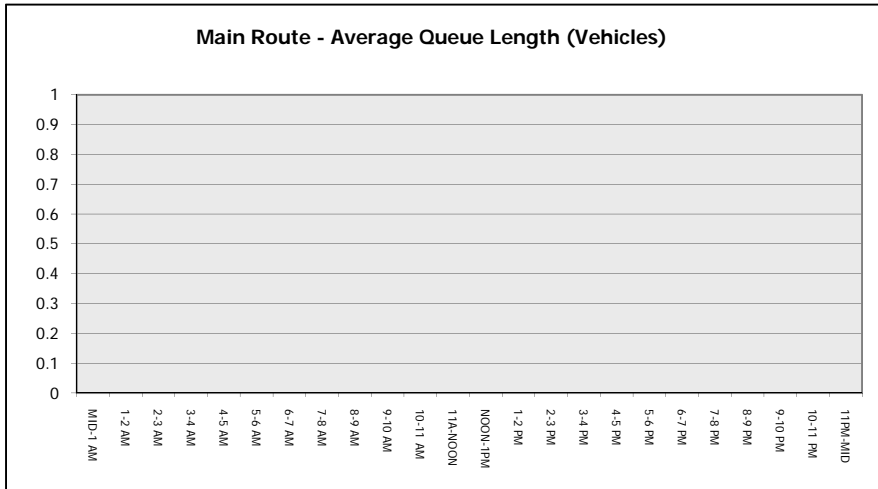
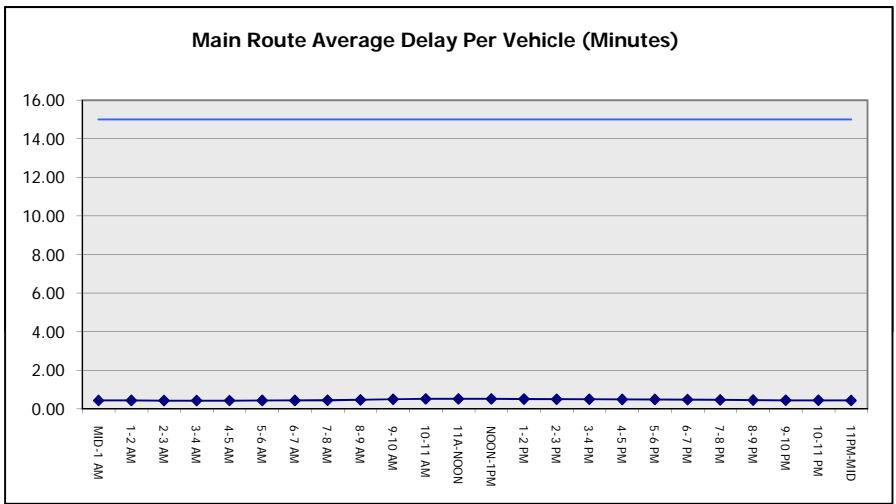
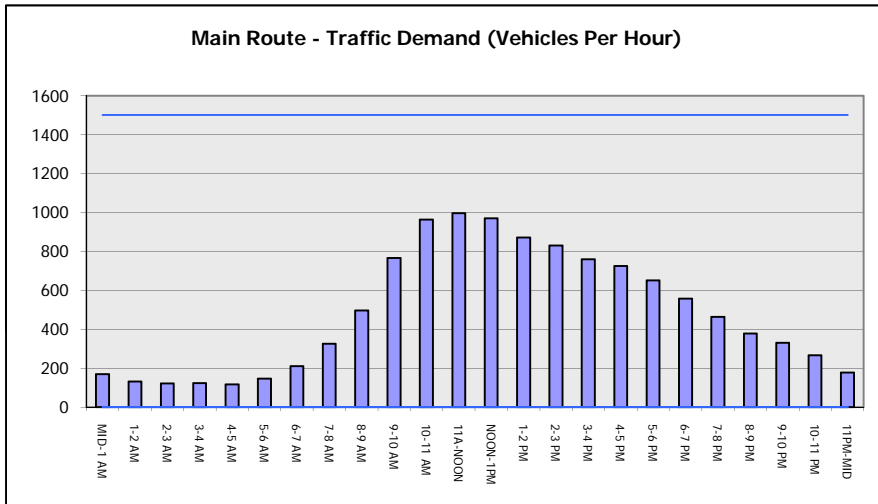
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,429
CONGESTED HOURS PER DAY*	0

*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

AUGUST
 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	AUGUST
	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	152	0.0	29	0.0	1500	152	0	29	0.44	0	66.1	62.8	44.9	34.5	34.5
1-2 AM	99	0.0	19	0.0	1500	99	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	111	0.0	22	0.0	1500	111	0	22	0.43	0	66.2	63.0	45.0	34.5	34.5
4-5 AM	112	0.0	22	0.0	1500	112	0	22	0.43	0	66.2	63.0	45.0	34.5	34.5
5-6 AM	145	0.0	28	0.0	1500	145	0	28	0.44	0	66.1	62.8	44.9	34.5	34.5
6-7 AM	253	0.0	49	0.0	1500	253	0	49	0.45	0	65.9	62.6	44.5	34.2	34.2
7-8 AM	349	0.0	68	0.0	1500	349	0	68	0.46	0	65.8	62.4	44.1	34.0	34.0
8-9 AM	599	0.0	116	0.0	1500	599	0	116	0.48	0	65.3	61.8	43.2	33.5	33.5
9-10 AM	819	0.0	159	0.0	1500	819	0	159	0.50	0	64.8	61.3	42.4	33.0	33.0
10-11 AM	996	0.0	194	0.0	1500	996	0	194	0.52	0	64.5	60.9	41.7	32.7	32.7
11A-NOON	955	0.0	186	0.0	1500	955	0	186	0.51	0	64.6	61.0	41.9	32.7	32.7
NOON-1PM	893	0.0	174	0.0	1500	893	0	174	0.51	0	64.7	61.1	42.0	32.9	32.9
1-2 PM	882	0.0	172	0.0	1500	882	0	172	0.51	0	64.8	61.2	42.1	32.9	32.9
2-3 PM	782	0.0	153	0.0	1500	782	0	153	0.50	0	65.0	61.4	42.5	33.1	33.1
3-4 PM	732	0.0	142	0.0	1500	732	0	142	0.49	0	65.0	61.5	42.7	33.2	33.2
4-5 PM	671	0.0	131	0.0	1500	671	0	131	0.49	0	65.1	61.6	42.8	33.3	33.3
5-6 PM	637	0.0	125	0.0	1500	637	0	125	0.48	0	65.2	61.7	43.0	33.4	33.4
6-7 PM	543	0.0	106	0.0	1500	543	0	106	0.48	0	65.4	61.9	43.3	33.6	33.6
7-8 PM	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 PM	378	0.0	73	0.0	1500	378	0	73	0.46	0	65.7	62.3	44.0	34.0	34.0
9-10 PM	318	0.0	62	0.0	1500	318	0	62	0.45	0	65.8	62.5	44.2	34.1	34.1
10-11 PM	224	0.0	44	0.0	1500	224	0	44	0.44	0	66.0	62.7	44.6	34.3	34.3
11PM-MID	138	0.0	27	0.0	1500	138	0	27	0.44	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	0.0168
MAIN ROUTE WITH WORKS	0.0160
DIVERSION	0.0327

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,397
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**

AUGUST
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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY EASTBOUND DIRECTION

