

<b>IH 90: STH 16 TO IH 90 &amp; IH 94 (MONROE AND LA CROSSE COUNTIES)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: STH 27 - STH 16 - STH 162</b>	<b>OCTOBER</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

**SUNDAY 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	118	0.0	23	0.0	1500	118	0	23	0.43	0	66.1	62.9	45.0	34.5	34.5
1-2 AM	73	0.0	15	0.0	1500	73	0	15	0.43	0	66.3	63.0	45.2	34.6	34.6
2-3 AM	64	0.0	13	0.0	1500	64	0	13	0.43	0	66.3	63.0	45.2	34.7	34.7
3-4 AM	49	0.0	9	0.0	1500	49	0	9	0.43	0	66.3	63.1	45.3	34.7	34.7
4-5 AM	51	0.0	9	0.0	1500	51	0	9	0.43	0	66.3	63.1	45.3	34.7	34.7
5-6 AM	64	0.0	13	0.0	1500	64	0	13	0.43	0	66.3	63.0	45.2	34.7	34.7
6-7 AM	81	0.0	16	0.0	1500	81	0	16	0.43	0	66.3	63.0	45.1	34.6	34.6
7-8 AM	125	0.0	24	0.0	1500	125	0	24	0.43	0	66.1	62.9	45.0	34.5	34.5
8-9 AM	245	0.0	48	0.0	1500	245	0	48	0.45	0	66.0	62.6	44.5	34.3	34.3
9-10 AM	412	0.0	81	0.0	1500	412	0	81	0.46	0	65.6	62.2	43.8	33.9	33.9
10-11 AM	608	0.0	118	0.0	1500	608	0	118	0.48	0	65.3	61.8	43.1	33.5	33.5
11A-NOON	793	0.0	155	0.0	1500	793	0	155	0.50	0	64.9	61.4	42.4	33.1	33.1
NOON-1PM	882	0.0	172	0.0	1500	882	0	172	0.51	0	64.8	61.2	42.1	32.9	32.9
1-2 PM	956	0.0	186	0.0	1500	956	0	186	0.51	0	64.6	61.0	41.9	32.7	32.7
2-3 PM	1076	0.0	209	0.0	1500	1076	0	209	0.53	0	64.4	60.7	41.4	32.5	32.5
3-4 PM	1108	0.0	215	0.0	1500	1108	0	215	0.53	0	64.3	60.6	41.3	32.4	32.4
4-5 PM	1141	0.0	223	0.0	1500	1141	0	223	0.56	0	64.3	60.4	40.4	32.4	32.4
5-6 PM	1094	0.0	213	0.0	1500	1094	0	213	0.53	0	64.3	60.7	41.4	32.4	32.4
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	754	0.0	146	0.0	1500	754	0	146	0.50	0	65.0	61.4	42.5	33.2	33.2
8-9 PM	564	0.0	110	0.0	1500	564	0	110	0.48	0	65.3	61.9	43.3	33.6	33.6
9-10 PM	405	0.0	78	0.0	1500	405	0	78	0.46	0	65.6	62.2	43.8	33.9	33.9
10-11 PM	234	0.0	46	0.0	1500	234	0	46	0.45	0	66.0	62.7	44.5	34.3	34.3
11PM-MID	152	0.0	29	0.0	1500	152	0	29	0.44	0	66.1	62.8	44.9	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	0.0177
MAIN ROUTE WITH WORKS	0.0169
DIVERSION	0.0345

PIA: Personal Injury Accidents

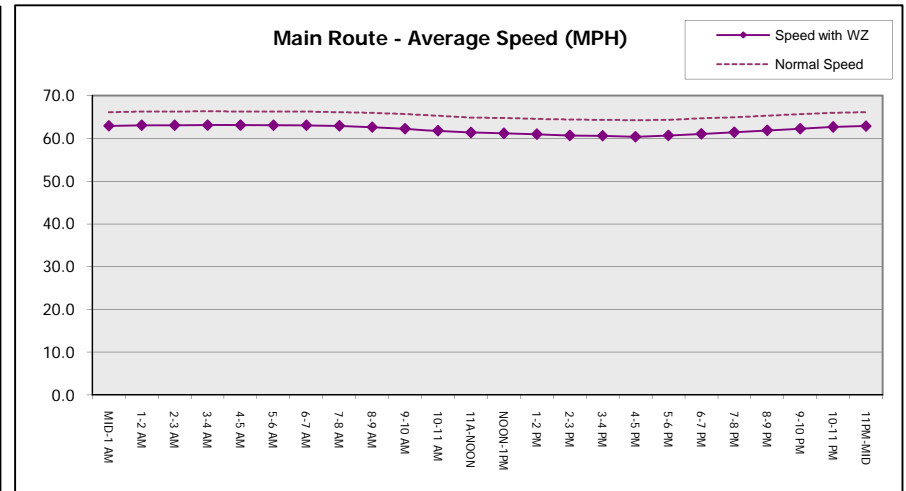
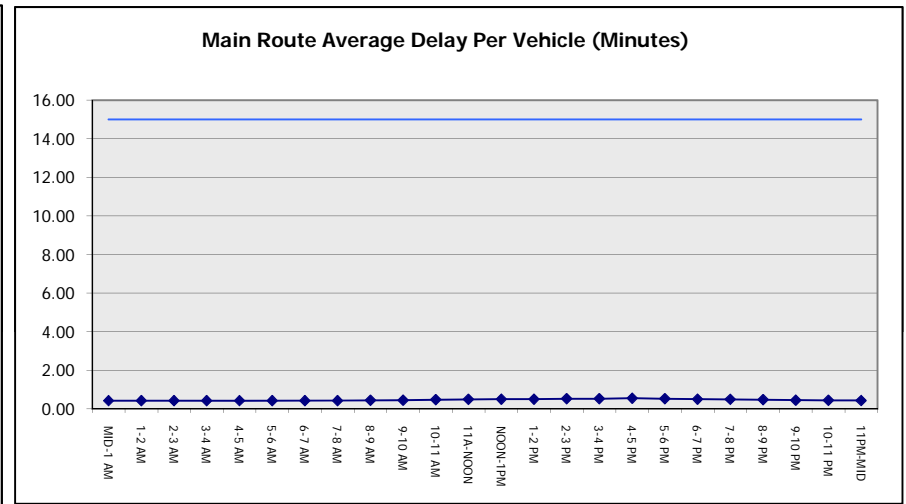
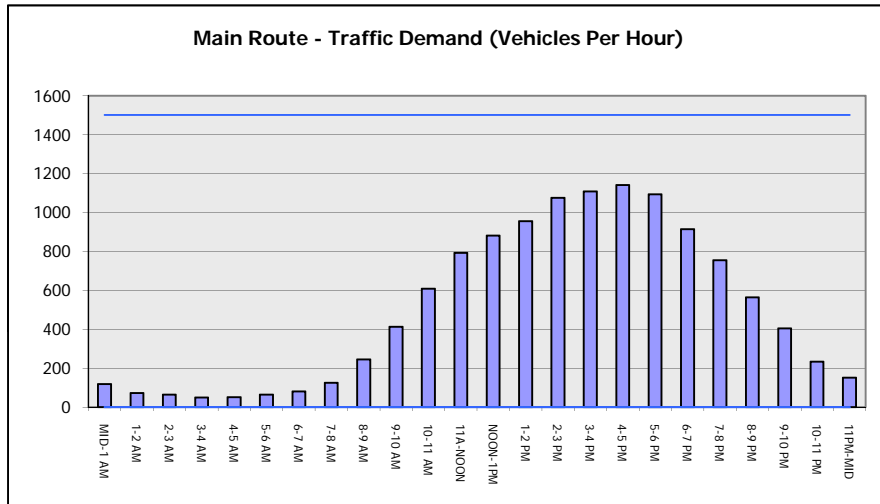
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,560
CONGESTED HOURS PER DAY*	0

\*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**

**OCTOBER**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SUNDAY WESTBOUND DIRECTION**



<b>IH 90: STH 16 TO IH 90 &amp; IH 94 (MONROE AND LA CROSSE COUNTIES)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: STH 27 - STH 16 - STH 162</b>	<b>OCTOBER</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SUNDAY 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	83	0.0	17	0.0	1500	83	0	17	0.43	0	66.3	63.0	45.1	34.6	34.6
1-2 AM	51	0.0	9	0.0	1500	51	0	9	0.43	0	66.3	63.1	45.3	34.7	34.7
2-3 AM	52	0.0	10	0.0	1500	52	0	10	0.43	0	66.3	63.1	45.3	34.7	34.7
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	78	0.0	15	0.0	1500	78	0	15	0.43	0	66.3	63.0	45.2	34.6	34.6
5-6 AM	90	0.0	18	0.0	1500	90	0	18	0.43	0	66.2	63.0	45.1	34.6	34.6
6-7 AM	128	0.0	25	0.0	1500	128	0	25	0.43	0	66.1	62.9	45.0	34.5	34.5
7-8 AM	224	0.0	44	0.0	1500	224	0	44	0.44	0	66.0	62.7	44.6	34.3	34.3
8-9 AM	309	0.0	61	0.0	1500	309	0	61	0.45	0	65.8	62.5	44.3	34.1	34.1
9-10 AM	545	0.0	106	0.0	1500	545	0	106	0.48	0	65.4	61.9	43.3	33.6	33.6
10-11 AM	785	0.0	153	0.0	1500	785	0	153	0.50	0	64.9	61.4	42.4	33.1	33.1
11A-NOON	917	0.0	179	0.0	1500	917	0	179	0.51	0	64.6	61.0	42.0	32.8	32.8
NOON-1PM	1002	0.0	196	0.0	1500	1002	0	196	0.52	0	64.5	60.9	41.7	32.6	32.6
1-2 PM	1043	0.0	203	0.0	1500	1043	0	203	0.52	0	64.5	60.8	41.5	32.5	32.5
2-3 PM	1154	0.0	225	0.0	1500	1154	0	225	0.58	0	64.2	60.2	40.0	32.3	32.3
3-4 PM	1125	0.0	220	0.0	1500	1125	0	220	0.54	0	64.3	60.5	41.0	32.4	32.4
4-5 PM	1104	0.0	215	0.0	1500	1104	0	215	0.53	0	64.3	60.6	41.3	32.4	32.4
5-6 PM	909	0.0	177	0.0	1500	909	0	177	0.51	0	64.7	61.1	42.0	32.9	32.9
6-7 PM	687	0.0	134	0.0	1500	687	0	134	0.49	0	65.1	61.6	42.8	33.3	33.3
7-8 PM	524	0.0	101	0.0	1500	524	0	101	0.47	0	65.4	62.0	43.4	33.7	33.7
8-9 PM	391	0.0	76	0.0	1500	391	0	76	0.46	0	65.6	62.3	43.9	34.0	34.0
9-10 PM	239	0.0	47	0.0	1500	239	0	47	0.45	0	66.0	62.7	44.5	34.3	34.3
10-11 PM	162	0.0	31	0.0	1500	162	0	31	0.44	0	66.1	62.8	44.8	34.4	34.4
11PM-MID	121	0.0	24	0.0	1500	121	0	24	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	0.0175
MAIN ROUTE WITH WORKS	0.0167
DIVERSION	0.0341

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,546
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**

**OCTOBER**  
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 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SUNDAY EASTBOUND DIRECTION**

