

<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**

**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	168	0.0	32	0.0	1500	168	0	32	0.44	0	66.1	62.8	44.8	34.4	34.4
1-2 AM	121	0.0	23	0.0	1500	121	0	23	0.43	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	120	0.0	23	0.0	1500	120	0	23	0.43	0	66.1	62.9	45.0	34.5	34.5
4-5 AM	153	0.0	30	0.0	1500	153	0	30	0.44	0	66.1	62.8	44.9	34.5	34.5
5-6 AM	233	0.0	45	0.0	1500	233	0	45	0.45	0	66.0	62.7	44.5	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	503	0.0	98	0.0	1500	503	0	98	0.47	0	65.5	62.0	43.5	33.7	33.7
8-9 AM	623	0.0	121	0.0	1500	623	0	121	0.48	0	65.2	61.7	43.0	33.5	33.5
9-10 AM	690	0.0	134	0.0	1500	690	0	134	0.49	0	65.1	61.6	42.8	33.3	33.3
10-11 AM	770	0.0	150	0.0	1500	770	0	150	0.50	0	65.0	61.4	42.5	33.2	33.2
11A-NOON	833	0.0	162	0.0	1500	833	0	162	0.50	0	64.8	61.2	42.3	33.0	33.0
NOON-1PM	847	0.0	165	0.0	1500	847	0	165	0.50	0	64.8	61.2	42.2	33.0	33.0
1-2 PM	927	0.0	181	0.0	1500	927	0	181	0.51	0	64.6	61.0	41.9	32.8	32.8
2-3 PM	1120	0.0	219	0.0	1500	1120	0	219	0.53	0	64.3	60.5	41.2	32.4	32.4
3-4 PM	1160	0.0	226	0.0	1500	1160	0	226	0.58	0	64.2	60.2	39.8	32.3	32.3
4-5 PM	1170	0.0	228	0.0	1500	1170	0	228	0.60	0	64.2	60.1	39.4	32.3	32.3
5-6 PM	1046	0.0	204	0.0	1500	1046	0	204	0.52	0	64.5	60.7	41.5	32.5	32.5
6-7 PM	942	0.0	183	0.0	1500	942	0	183	0.51	0	64.6	61.0	41.9	32.8	32.8
7-8 PM	761	0.0	149	0.0	1500	761	0	149	0.50	0	65.0	61.4	42.5	33.2	33.2
8-9 PM	577	0.0	112	0.0	1500	577	0	112	0.48	0	65.3	61.9	43.2	33.5	33.5
9-10 PM	453	0.0	88	0.0	1500	453	0	88	0.47	0	65.5	62.2	43.7	33.8	33.8
10-11 PM	375	0.0	73	0.0	1500	375	0	73	0.46	0	65.7	62.3	44.0	34.0	34.0
11PM-MID	209	0.0	41	0.0	1500	209	0	41	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	0.0211
MAIN ROUTE WITH WORKS	0.0202
DIVERSION	0.0411

PIA: Personal Injury Accidents

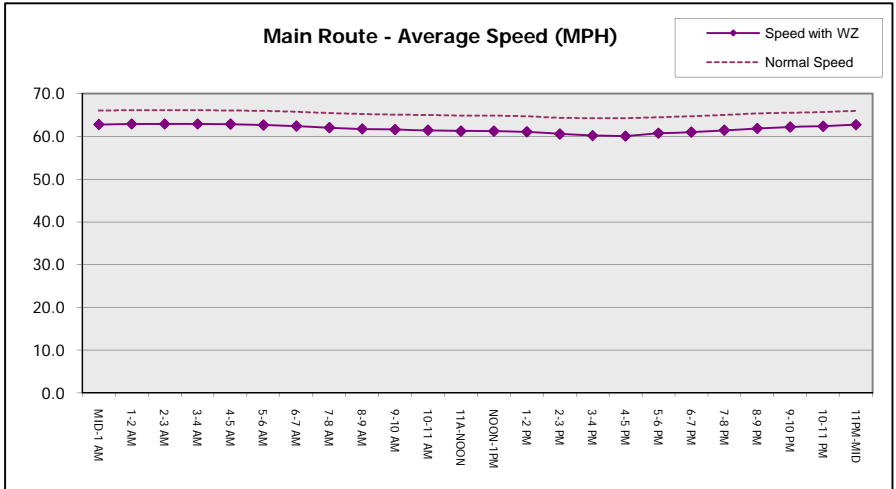
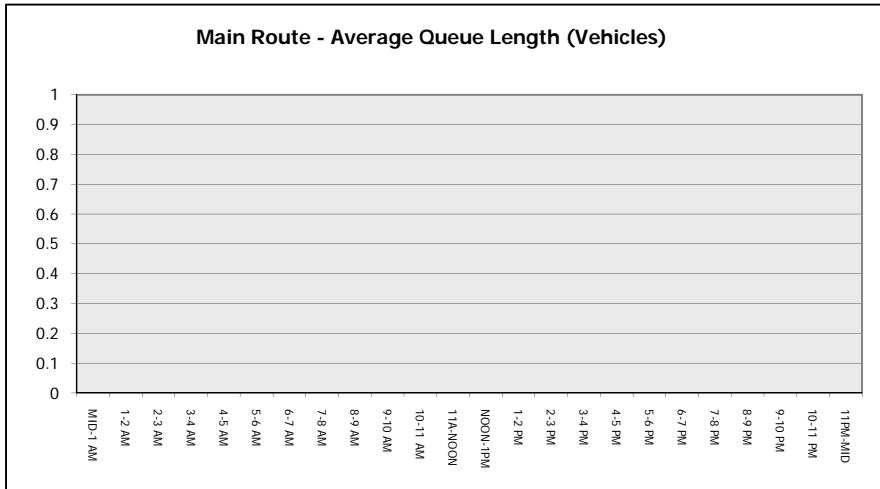
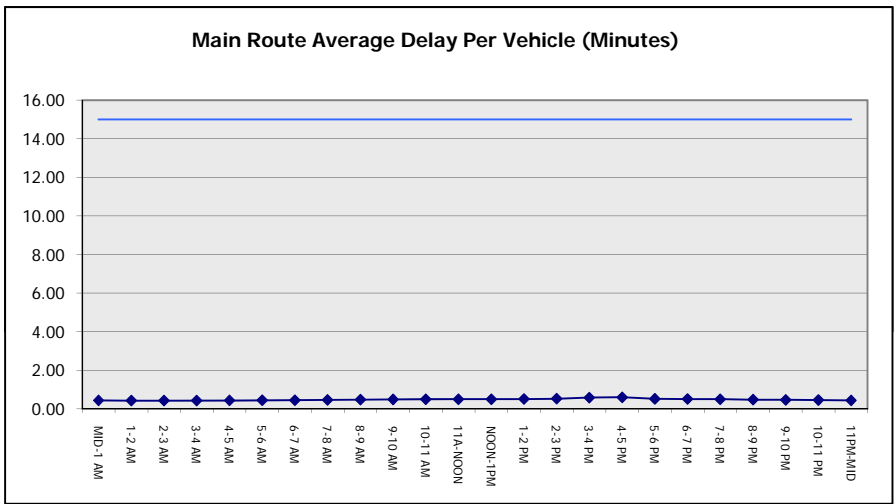
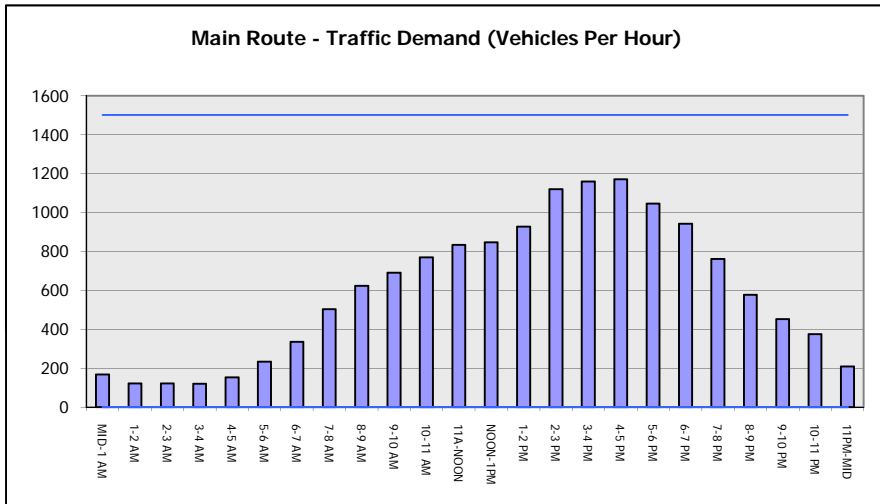
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,508
CONGESTED HOURS PER DAY*	0

\*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**  
**FRIDAY 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**

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	125	0.0	24	0.0	1500	125	0	24	0.43	0	66.1	62.9	45.0	34.5	34.5
1-2 AM	106	0.0	21	0.0	1500	106	0	21	0.43	0	66.2	63.0	45.1	34.5	34.5
2-3 AM	119	0.0	23	0.0	1500	119	0	23	0.43	0	66.1	62.9	45.0	34.5	34.5
3-4 AM	135	0.0	26	0.0	1500	135	0	26	0.44	0	66.1	62.9	45.0	34.5	34.5
4-5 AM	167	0.0	32	0.0	1500	167	0	32	0.44	0	66.1	62.8	44.8	34.4	34.4
5-6 AM	223	0.0	44	0.0	1500	223	0	44	0.44	0	66.0	62.7	44.6	34.3	34.3
6-7 AM	430	0.0	84	0.0	1500	430	0	84	0.46	0	65.6	62.2	43.8	33.8	33.8
7-8 AM	543	0.0	106	0.0	1500	543	0	106	0.48	0	65.4	61.9	43.3	33.6	33.6
8-9 AM	584	0.0	114	0.0	1500	584	0	114	0.48	0	65.3	61.9	43.2	33.5	33.5
9-10 AM	662	0.0	129	0.0	1500	662	0	129	0.49	0	65.1	61.7	42.9	33.3	33.3
10-11 AM	784	0.0	153	0.0	1500	784	0	153	0.50	0	64.9	61.4	42.5	33.1	33.1
11A-NOON	861	0.0	167	0.0	1500	861	0	167	0.51	0	64.8	61.2	42.2	32.9	32.9
NOON-1PM	924	0.0	180	0.0	1500	924	0	180	0.51	0	64.6	61.0	41.9	32.8	32.8
1-2 PM	1094	0.0	213	0.0	1500	1094	0	213	0.53	0	64.3	60.7	41.4	32.4	32.4
2-3 PM	1200	0.0	233	0.0	1500	1200	0	233	0.64	0	64.1	59.7	38.4	32.2	32.2
3-4 PM	1229	0.0	240	0.0	1500	1229	0	240	0.67	0	64.1	59.5	37.6	32.2	32.2
4-5 PM	1219	0.0	237	0.0	1500	1219	0	237	0.66	0	64.1	59.6	37.9	32.2	32.2
5-6 PM	1095	0.0	213	0.0	1500	1095	0	213	0.53	0	64.3	60.7	41.4	32.4	32.4
6-7 PM	901	0.0	176	0.0	1500	901	0	176	0.51	0	64.7	61.1	42.0	32.9	32.9
7-8 PM	638	0.0	124	0.0	1500	638	0	124	0.48	0	65.2	61.7	43.0	33.4	33.4
8-9 PM	437	0.0	85	0.0	1500	437	0	85	0.46	0	65.6	62.2	43.7	33.8	33.8
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	272	0.0	53	0.0	1500	272	0	53	0.45	0	65.9	62.5	44.4	34.2	34.2
11PM-MID	182	0.0	36	0.0	1500	182	0	36	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	0.0212
MAIN ROUTE WITH WORKS	0.0203
DIVERSION	0.0413

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,591
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**  
**FRIDAY EASTBOUND DIRECTION**

