

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

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	141	0.0	27	0.0	1500	141	0	27	0.44	0	66.1	62.8	44.9	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	107	0.0	21	0.0	1500	107	0	21	0.43	0	66.2	63.0	45.1	34.5	34.5
3-4 AM	110	0.0	21	0.0	1500	110	0	21	0.43	0	66.2	63.0	45.0	34.5	34.5
4-5 AM	148	0.0	29	0.0	1500	148	0	29	0.44	0	66.1	62.8	44.9	34.5	34.5
5-6 AM	220	0.0	43	0.0	1500	220	0	43	0.44	0	66.0	62.7	44.6	34.3	34.3
6-7 AM	340	0.0	66	0.0	1500	340	0	66	0.46	0	65.8	62.4	44.2	34.0	34.0
7-8 AM	476	0.0	93	0.0	1500	476	0	93	0.47	0	65.5	62.1	43.6	33.8	33.8
8-9 AM	587	0.0	114	0.0	1500	587	0	114	0.48	0	65.3	61.9	43.2	33.5	33.5
9-10 AM	677	0.0	132	0.0	1500	677	0	132	0.49	0	65.1	61.6	42.8	33.3	33.3
10-11 AM	706	0.0	137	0.0	1500	706	0	137	0.49	0	65.1	61.5	42.7	33.3	33.3
11A-NOON	728	0.0	142	0.0	1500	728	0	142	0.49	0	65.0	61.5	42.7	33.2	33.2
NOON-1PM	738	0.0	143	0.0	1500	738	0	143	0.49	0	65.0	61.5	42.6	33.2	33.2
1-2 PM	779	0.0	152	0.0	1500	779	0	152	0.50	0	65.0	61.4	42.5	33.1	33.1
2-3 PM	855	0.0	166	0.0	1500	855	0	166	0.51	0	64.8	61.2	42.2	33.0	33.0
3-4 PM	876	0.0	171	0.0	1500	876	0	171	0.51	0	64.8	61.2	42.1	32.9	32.9
4-5 PM	903	0.0	176	0.0	1500	903	0	176	0.51	0	64.7	61.1	42.0	32.9	32.9
5-6 PM	784	0.0	153	0.0	1500	784	0	153	0.50	0	64.9	61.4	42.5	33.1	33.1
6-7 PM	635	0.0	123	0.0	1500	635	0	123	0.48	0	65.2	61.7	43.0	33.4	33.4
7-8 PM	509	0.0	99	0.0	1500	509	0	99	0.47	0	65.5	62.0	43.5	33.7	33.7
8-9 PM	412	0.0	81	0.0	1500	412	0	81	0.46	0	65.6	62.2	43.8	33.9	33.9
9-10 PM	339	0.0	66	0.0	1500	339	0	66	0.46	0	65.8	62.4	44.2	34.0	34.0
10-11 PM	260	0.0	50	0.0	1500	260	0	50	0.45	0	65.9	62.6	44.5	34.2	34.2
11PM-MID	184	0.0	36	0.0	1500	184	0	36	0.44	0	66.0	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	0.0172
MAIN ROUTE WITH WORKS	0.0164
DIVERSION	0.0335

PIA: Personal Injury Accidents

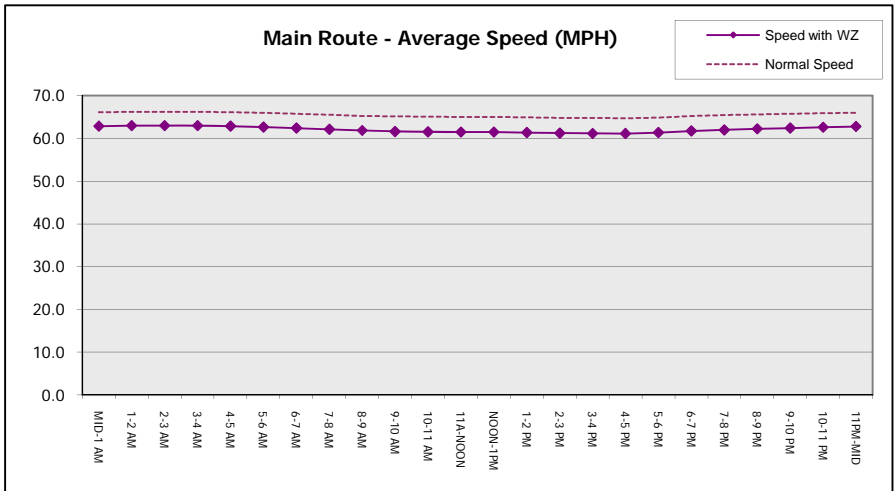
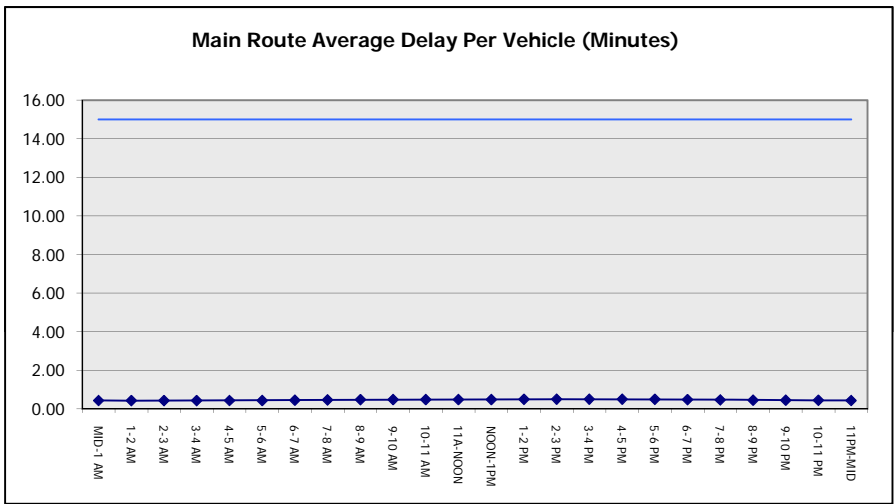
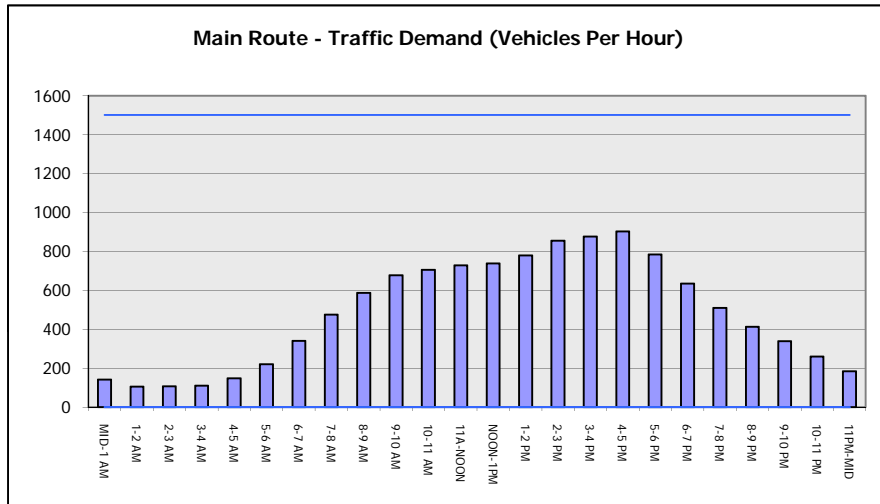
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,131
CONGESTED HOURS PER DAY*	0

*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
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	AUGUST
	Analyzed for 2009 Construction Season

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	120	0.0	23	0.0	1500	120	0	23	0.43	0	66.1	62.9	45.0	34.5	34.5
1-2 AM	90	0.0	18	0.0	1500	90	0	18	0.43	0	66.2	63.0	45.1	34.6	34.6
2-3 AM	98	0.0	19	0.0	1500	98	0	19	0.43	0	66.2	63.0	45.1	34.6	34.6
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	172	0.0	33	0.0	1500	172	0	33	0.44	0	66.1	62.8	44.8	34.4	34.4
5-6 AM	294	0.0	58	0.0	1500	294	0	58	0.45	0	65.8	62.5	44.3	34.2	34.2
6-7 AM	447	0.0	87	0.0	1500	447	0	87	0.47	0	65.6	62.2	43.7	33.8	33.8
7-8 AM	564	0.0	110	0.0	1500	564	0	110	0.48	0	65.3	61.9	43.3	33.6	33.6
8-9 AM	578	0.0	113	0.0	1500	578	0	113	0.48	0	65.3	61.9	43.2	33.5	33.5
9-10 AM	664	0.0	130	0.0	1500	664	0	130	0.49	0	65.1	61.7	42.9	33.3	33.3
10-11 AM	717	0.0	140	0.0	1500	717	0	140	0.49	0	65.0	61.5	42.7	33.2	33.2
11A-NOON	719	0.0	140	0.0	1500	719	0	140	0.49	0	65.0	61.5	42.7	33.2	33.2
NOON-1PM	735	0.0	143	0.0	1500	735	0	143	0.49	0	65.0	61.5	42.6	33.2	33.2
1-2 PM	793	0.0	155	0.0	1500	793	0	155	0.50	0	64.9	61.4	42.4	33.1	33.1
2-3 PM	835	0.0	162	0.0	1500	835	0	162	0.50	0	64.8	61.2	42.3	33.0	33.0
3-4 PM	832	0.0	162	0.0	1500	832	0	162	0.50	0	64.8	61.2	42.3	33.0	33.0
4-5 PM	810	0.0	158	0.0	1500	810	0	158	0.50	0	64.9	61.3	42.4	33.0	33.0
5-6 PM	756	0.0	148	0.0	1500	756	0	148	0.50	0	65.0	61.4	42.5	33.2	33.2
6-7 PM	591	0.0	115	0.0	1500	591	0	115	0.48	0	65.3	61.8	43.2	33.5	33.5
7-8 PM	474	0.0	92	0.0	1500	474	0	92	0.47	0	65.5	62.1	43.6	33.8	33.8
8-9 PM	398	0.0	77	0.0	1500	398	0	77	0.46	0	65.6	62.3	43.9	33.9	33.9
9-10 PM	339	0.0	66	0.0	1500	339	0	66	0.46	0	65.8	62.4	44.2	34.0	34.0
10-11 PM	230	0.0	45	0.0	1500	230	0	45	0.44	0	66.0	62.7	44.6	34.3	34.3
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	0.0164
DIVERSION	0.0334

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,121
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**

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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR EASTBOUND DIRECTION

