

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

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	175	0.0	35	0.0	1500	175	0	35	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	132	0.0	25	0.0	1500	132	0	25	0.44	0	66.1	62.9	45.0	34.5	34.5
3-4 AM	126	0.0	24	0.0	1500	126	0	24	0.43	0	66.1	62.9	45.0	34.5	34.5
4-5 AM	164	0.0	32	0.0	1500	164	0	32	0.44	0	66.1	62.8	44.8	34.4	34.4
5-6 AM	242	0.0	47	0.0	1500	242	0	47	0.45	0	66.0	62.7	44.5	34.3	34.3
6-7 AM	341	0.0	67	0.0	1500	341	0	67	0.46	0	65.8	62.4	44.2	34.0	34.0
7-8 AM	496	0.0	96	0.0	1500	496	0	96	0.47	0	65.5	62.0	43.5	33.7	33.7
8-9 AM	613	0.0	119	0.0	1500	613	0	119	0.48	0	65.3	61.8	43.1	33.5	33.5
9-10 AM	781	0.0	152	0.0	1500	781	0	152	0.50	0	65.0	61.4	42.5	33.1	33.1
10-11 AM	887	0.0	173	0.0	1500	887	0	173	0.51	0	64.7	61.1	42.1	32.9	32.9
11A-NOON	952	0.0	185	0.0	1500	952	0	185	0.51	0	64.6	61.0	41.9	32.7	32.7
NOON-1PM	994	0.0	194	0.0	1500	994	0	194	0.52	0	64.5	60.9	41.7	32.7	32.7
1-2 PM	1045	0.0	204	0.0	1500	1045	0	204	0.52	0	64.5	60.7	41.5	32.5	32.5
2-3 PM	1137	0.0	222	0.0	1500	1137	0	222	0.56	0	64.3	60.4	40.6	32.4	32.4
3-4 PM	1197	0.0	233	0.0	1500	1197	0	233	0.63	0	64.1	59.8	38.6	32.2	32.2
4-5 PM	1219	0.0	238	0.0	1500	1219	0	238	0.66	0	64.1	59.6	37.9	32.2	32.2
5-6 PM	1042	0.0	203	0.0	1500	1042	0	203	0.52	0	64.5	60.8	41.5	32.5	32.5
6-7 PM	893	0.0	174	0.0	1500	893	0	174	0.51	0	64.7	61.1	42.0	32.9	32.9
7-8 PM	844	0.0	164	0.0	1500	844	0	164	0.50	0	64.8	61.2	42.2	33.0	33.0
8-9 PM	682	0.0	133	0.0	1500	682	0	133	0.49	0	65.1	61.6	42.8	33.3	33.3
9-10 PM	511	0.0	99	0.0	1500	511	0	99	0.47	0	65.5	62.0	43.5	33.7	33.7
10-11 PM	367	0.0	71	0.0	1500	367	0	71	0.46	0	65.7	62.3	44.0	34.0	34.0
11PM-MID	276	0.0	53	0.0	1500	276	0	53	0.45	0	65.9	62.5	44.4	34.2	34.2

----- 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	0.0226
MAIN ROUTE WITH WORKS	0.0216
DIVERSION	0.0440

PIA: Personal Injury Accidents

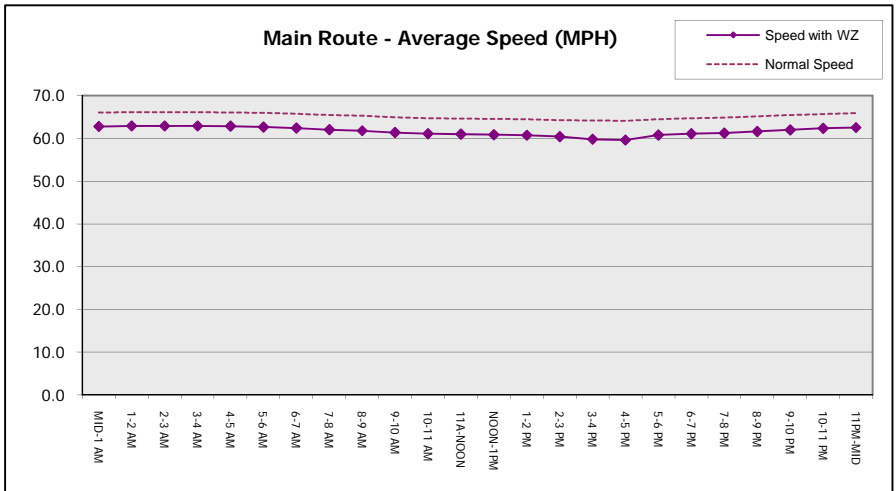
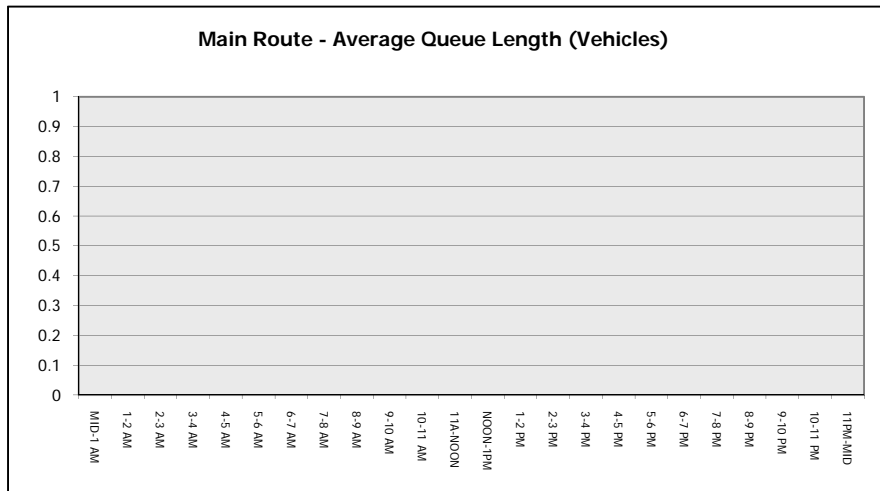
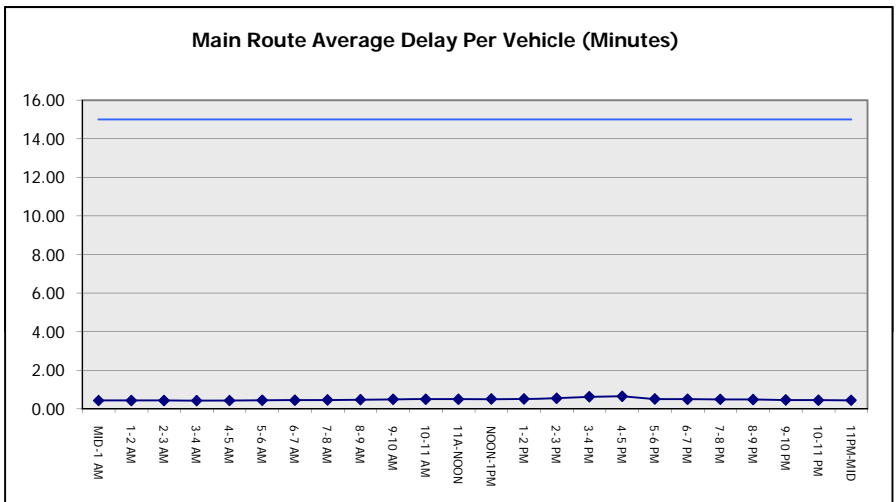
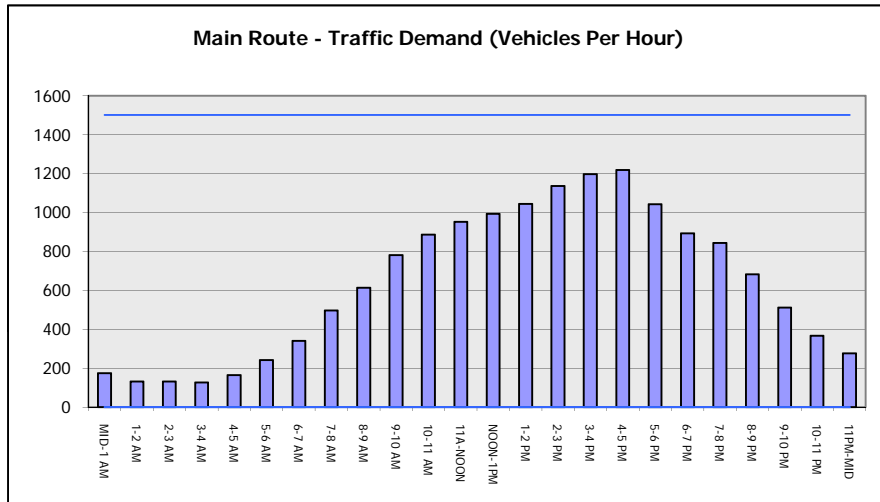
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,665
CONGESTED HOURS PER DAY*	0

*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
FRIDAY 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

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	135	0.0	26	0.0	1500	135	0	26	0.44	0	66.1	62.9	45.0	34.5	34.5
1-2 AM	102	0.0	20	0.0	1500	102	0	20	0.43	0	66.2	63.0	45.1	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	147	0.0	28	0.0	1500	147	0	28	0.44	0	66.1	62.8	44.9	34.5	34.5
4-5 AM	165	0.0	32	0.0	1500	165	0	32	0.44	0	66.1	62.8	44.8	34.4	34.4
5-6 AM	266	0.0	52	0.0	1500	266	0	52	0.45	0	65.9	62.6	44.4	34.2	34.2
6-7 AM	418	0.0	82	0.0	1500	418	0	82	0.46	0	65.6	62.2	43.8	33.9	33.9
7-8 AM	561	0.0	109	0.0	1500	561	0	109	0.48	0	65.3	61.9	43.3	33.6	33.6
8-9 AM	628	0.0	122	0.0	1500	628	0	122	0.48	0	65.2	61.7	43.0	33.4	33.4
9-10 AM	774	0.0	151	0.0	1500	774	0	151	0.50	0	65.0	61.4	42.5	33.1	33.1
10-11 AM	898	0.0	175	0.0	1500	898	0	175	0.51	0	64.7	61.1	42.0	32.9	32.9
11A-NOON	971	0.0	189	0.0	1500	971	0	189	0.52	0	64.6	60.9	41.8	32.7	32.7
NOON-1PM	1008	0.0	197	0.0	1500	1008	0	197	0.52	0	64.5	60.9	41.7	32.6	32.6
1-2 PM	1128	0.0	220	0.0	1500	1128	0	220	0.54	0	64.3	60.5	40.9	32.4	32.4
2-3 PM	1199	0.0	233	0.0	1500	1199	0	233	0.64	0	64.1	59.8	38.5	32.2	32.2
3-4 PM	1216	0.0	237	0.0	1500	1216	0	237	0.66	0	64.1	59.6	37.9	32.2	32.2
4-5 PM	1189	0.0	231	0.0	1500	1189	0	231	0.62	0	64.1	59.9	38.8	32.2	32.2
5-6 PM	1131	0.0	221	0.0	1500	1131	0	221	0.55	0	64.3	60.5	40.8	32.4	32.4
6-7 PM	975	0.0	189	0.0	1500	975	0	189	0.52	0	64.6	60.9	41.8	32.7	32.7
7-8 PM	746	0.0	145	0.0	1500	746	0	145	0.49	0	65.0	61.5	42.6	33.2	33.2
8-9 PM	577	0.0	113	0.0	1500	577	0	113	0.48	0	65.3	61.9	43.2	33.5	33.5
9-10 PM	431	0.0	84	0.0	1500	431	0	84	0.46	0	65.6	62.2	43.8	33.8	33.8
10-11 PM	335	0.0	65	0.0	1500	335	0	65	0.45	0	65.8	62.4	44.2	34.1	34.1
11PM-MID	224	0.0	44	0.0	1500	224	0	44	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	0.0227
MAIN ROUTE WITH WORKS	0.0217
DIVERSION	0.0443

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,707
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**

AUGUST
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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

