

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

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	140	0.0	27	0.0	1500	140	0	27	0.44	0	66.1	62.8	44.9	34.5	34.5
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	114	0.0	22	0.0	1500	114	0	22	0.43	0	66.2	62.9	45.0	34.5	34.5
3-4 AM	103	0.0	20	0.0	1500	103	0	20	0.43	0	66.2	63.0	45.1	34.5	34.5
4-5 AM	102	0.0	20	0.0	1500	102	0	20	0.43	0	66.2	63.0	45.1	34.5	34.5
5-6 AM	127	0.0	25	0.0	1500	127	0	25	0.43	0	66.1	62.9	45.0	34.5	34.5
6-7 AM	206	0.0	40	0.0	1500	206	0	40	0.44	0	66.0	62.7	44.6	34.3	34.3
7-8 AM	316	0.0	62	0.0	1500	316	0	62	0.45	0	65.8	62.5	44.2	34.1	34.1
8-9 AM	479	0.0	93	0.0	1500	479	0	93	0.47	0	65.5	62.1	43.6	33.8	33.8
9-10 AM	647	0.0	127	0.0	1500	647	0	127	0.49	0	65.2	61.7	43.0	33.4	33.4
10-11 AM	862	0.0	168	0.0	1500	862	0	168	0.51	0	64.8	61.2	42.2	32.9	32.9
11A-NOON	885	0.0	173	0.0	1500	885	0	173	0.51	0	64.7	61.1	42.1	32.9	32.9
NOON-1PM	753	0.0	146	0.0	1500	753	0	146	0.50	0	65.0	61.4	42.5	33.2	33.2
1-2 PM	693	0.0	135	0.0	1500	693	0	135	0.49	0	65.1	61.6	42.8	33.3	33.3
2-3 PM	698	0.0	136	0.0	1500	698	0	136	0.49	0	65.1	61.5	42.8	33.3	33.3
3-4 PM	606	0.0	118	0.0	1500	606	0	118	0.48	0	65.3	61.8	43.1	33.5	33.5
4-5 PM	668	0.0	130	0.0	1500	668	0	130	0.49	0	65.1	61.7	42.8	33.3	33.3
5-6 PM	623	0.0	121	0.0	1500	623	0	121	0.48	0	65.2	61.7	43.0	33.5	33.5
6-7 PM	542	0.0	106	0.0	1500	542	0	106	0.47	0	65.4	61.9	43.3	33.6	33.6
7-8 PM	449	0.0	88	0.0	1500	449	0	88	0.47	0	65.6	62.2	43.7	33.8	33.8
8-9 PM	390	0.0	76	0.0	1500	390	0	76	0.46	0	65.6	62.3	43.9	34.0	34.0
9-10 PM	297	0.0	58	0.0	1500	297	0	58	0.45	0	65.8	62.5	44.3	34.2	34.2
10-11 PM	204	0.0	40	0.0	1500	204	0	40	0.44	0	66.0	62.7	44.6	34.3	34.3
11PM-MID	149	0.0	29	0.0	1500	149	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	0.0151
MAIN ROUTE WITH WORKS	0.0144
DIVERSION	0.0293

PIA: Personal Injury Accidents

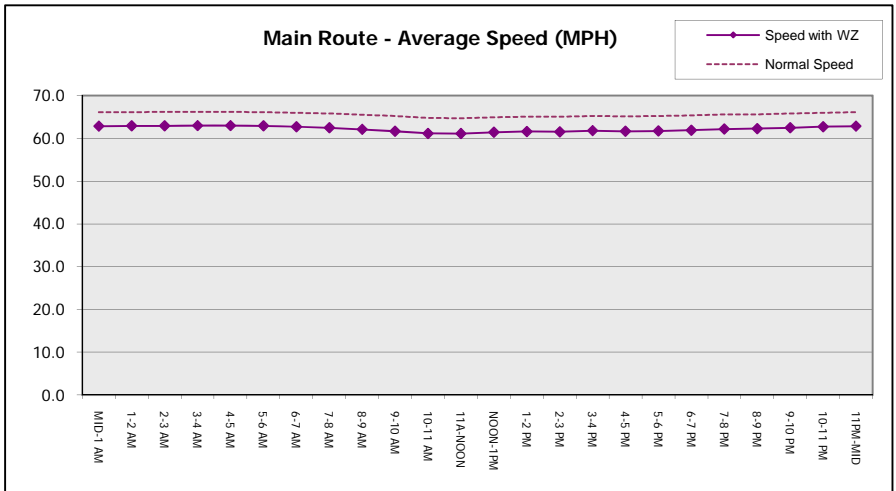
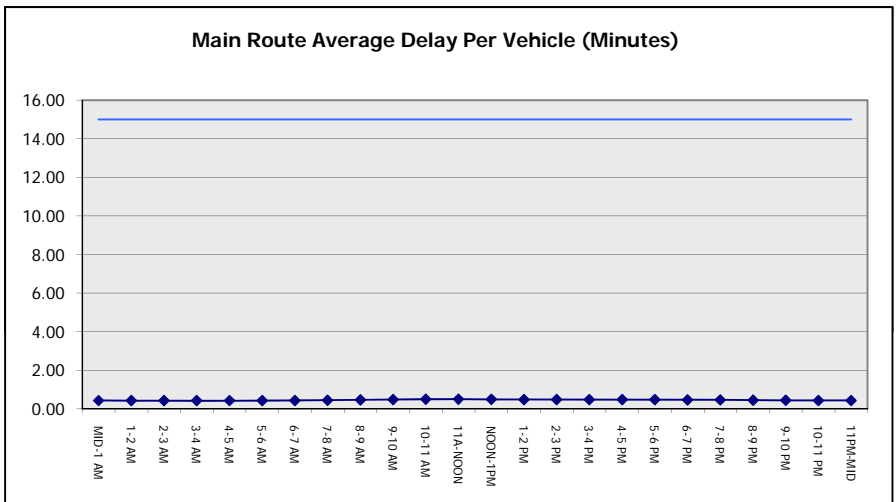
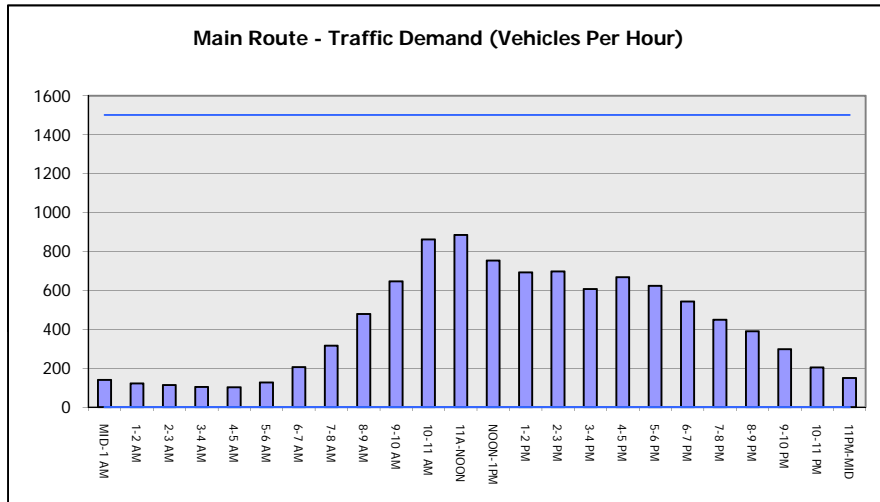
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,227
CONGESTED HOURS PER DAY*	0

*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
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	OCTOBER
	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	122	0.0	24	0.0	1500	122	0	24	0.43	0	66.1	62.9	45.0	34.5	34.5
1-2 AM	91	0.0	18	0.0	1500	91	0	18	0.43	0	66.2	63.0	45.1	34.6	34.6
2-3 AM	86	0.0	17	0.0	1500	86	0	17	0.43	0	66.2	63.0	45.1	34.6	34.6
3-4 AM	97	0.0	19	0.0	1500	97	0	19	0.43	0	66.2	63.0	45.1	34.6	34.6
4-5 AM	110	0.0	21	0.0	1500	110	0	21	0.43	0	66.2	63.0	45.0	34.5	34.5
5-6 AM	143	0.0	28	0.0	1500	143	0	28	0.44	0	66.1	62.8	44.9	34.5	34.5
6-7 AM	228	0.0	45	0.0	1500	228	0	45	0.44	0	66.0	62.7	44.6	34.3	34.3
7-8 AM	460	0.0	90	0.0	1500	460	0	90	0.47	0	65.5	62.1	43.7	33.8	33.8
8-9 AM	551	0.0	108	0.0	1500	551	0	108	0.48	0	65.3	61.9	43.3	33.6	33.6
9-10 AM	673	0.0	131	0.0	1500	673	0	131	0.49	0	65.1	61.6	42.8	33.3	33.3
10-11 AM	732	0.0	142	0.0	1500	732	0	142	0.49	0	65.0	61.5	42.7	33.2	33.2
11A-NOON	704	0.0	137	0.0	1500	704	0	137	0.49	0	65.1	61.5	42.7	33.3	33.3
NOON-1PM	710	0.0	138	0.0	1500	710	0	138	0.49	0	65.1	61.5	42.7	33.3	33.3
1-2 PM	731	0.0	142	0.0	1500	731	0	142	0.49	0	65.0	61.5	42.7	33.2	33.2
2-3 PM	669	0.0	130	0.0	1500	669	0	130	0.49	0	65.1	61.6	42.8	33.3	33.3
3-4 PM	686	0.0	134	0.0	1500	686	0	134	0.49	0	65.1	61.6	42.8	33.3	33.3
4-5 PM	681	0.0	133	0.0	1500	681	0	133	0.49	0	65.1	61.6	42.8	33.3	33.3
5-6 PM	630	0.0	122	0.0	1500	630	0	122	0.48	0	65.2	61.7	43.0	33.4	33.4
6-7 PM	511	0.0	99	0.0	1500	511	0	99	0.47	0	65.5	62.0	43.5	33.7	33.7
7-8 PM	462	0.0	90	0.0	1500	462	0	90	0.47	0	65.5	62.1	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	293	0.0	58	0.0	1500	293	0	58	0.45	0	65.8	62.5	44.3	34.2	34.2
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	156	0.0	30	0.0	1500	156	0	30	0.44	0	66.1	62.8	44.8	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	0.0150
MAIN ROUTE WITH WORKS	0.0143
DIVERSION	0.0292

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,215
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**

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY EASTBOUND DIRECTION

