

IH 90: USH 53 TO STH 16 (LA CROSSE COUNTY) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: USH 53 - STH 157 - STH 35	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	254	0.0	81	0.0	1500	254	0	81	0.45	0	65.9	49.6	44.5	38.4	38.4
1-2 AM	219	0.0	70	0.0	1500	219	0	70	0.44	0	66.0	49.7	44.6	38.6	38.6
2-3 AM	206	0.0	65	0.0	1500	206	0	65	0.44	0	66.0	49.8	44.6	38.7	38.7
3-4 AM	188	0.0	60	0.0	1500	188	0	60	0.44	0	66.0	49.9	44.7	38.8	38.8
4-5 AM	187	0.0	60	0.0	1500	187	0	60	0.44	0	66.0	49.9	44.7	38.8	38.8
5-6 AM	230	0.0	73	0.0	1500	230	0	73	0.44	0	66.0	49.7	44.6	38.6	38.6
6-7 AM	375	0.0	119	0.0	1500	375	0	119	0.46	0	65.7	49.2	44.0	37.8	37.8
7-8 AM	574	0.0	183	0.0	1500	574	0	183	0.48	0	65.3	48.4	43.2	36.8	36.8
8-9 AM	873	0.0	277	0.0	1500	873	0	277	0.51	0	64.8	47.4	42.1	35.3	35.3
9-10 AM	1179	0.0	374	0.0	1499	1179	0	374	0.62	0	64.2	44.5	38.9	33.7	33.7
10-11 AM	1571	0.0	499	0.0	1499	1571	0	499	1.70	21	63.5	28.9	30.8	31.7	31.7
11A-NOON	1611	0.0	511	0.0	1499	1532	79	590	4.91	105	63.4	14.8	30.8	31.5	30.5
NOON-1PM	1371	0.0	435	0.0	1499	1368	3	438	2.30	49	63.8	24.3	32.4	32.7	32.7
1-2 PM	1261	0.0	401	0.0	1500	1261	0	401	0.72	0	64.0	42.4	36.6	33.3	33.3
2-3 PM	1271	0.0	404	0.0	1500	1271	0	404	0.73	0	64.0	42.1	36.3	33.2	33.2
3-4 PM	1102	0.0	350	0.0	1500	1102	0	350	0.53	0	64.3	46.6	41.3	34.1	34.1
4-5 PM	1216	0.0	387	0.0	1500	1216	0	387	0.66	0	64.1	43.7	37.9	33.5	33.5
5-6 PM	1133	0.0	360	0.0	1500	1133	0	360	0.55	0	64.3	46.1	40.7	33.9	33.9
6-7 PM	986	0.0	314	0.0	1500	986	0	314	0.52	0	64.5	47.0	41.7	34.7	34.7
7-8 PM	818	0.0	260	0.0	1500	818	0	260	0.50	0	64.8	47.6	42.4	35.5	35.5
8-9 PM	710	0.0	225	0.0	1500	710	0	225	0.49	0	65.1	48.0	42.7	36.1	36.1
9-10 PM	541	0.0	171	0.0	1500	541	0	171	0.47	0	65.4	48.6	43.3	36.9	36.9
10-11 PM	371	0.0	118	0.0	1500	371	0	118	0.46	0	65.7	49.2	44.0	37.8	37.8
11PM-MID	271	0.0	86	0.0	1500	271	0	86	0.45	0	65.9	49.6	44.4	38.4	38.4

----- 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	0.0044
MAIN ROUTE WITH WORKS	0.0032
DIVERSION	0.0222

PIA: Personal Injury Accidents

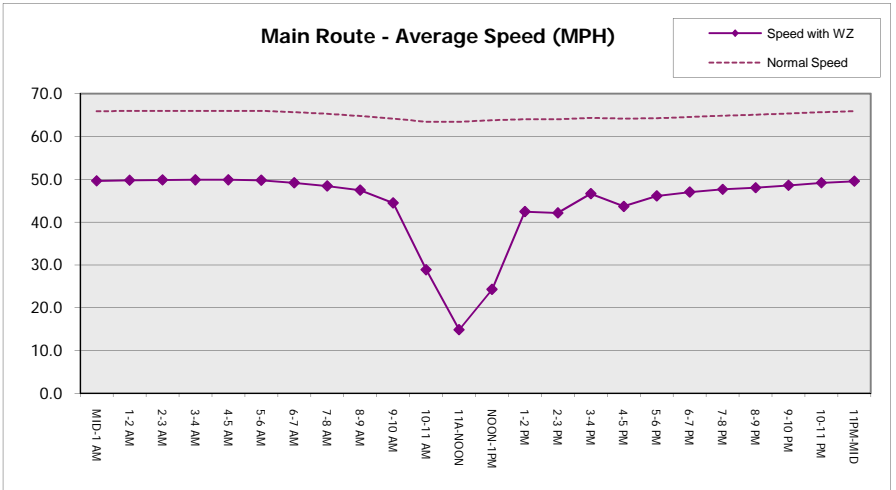
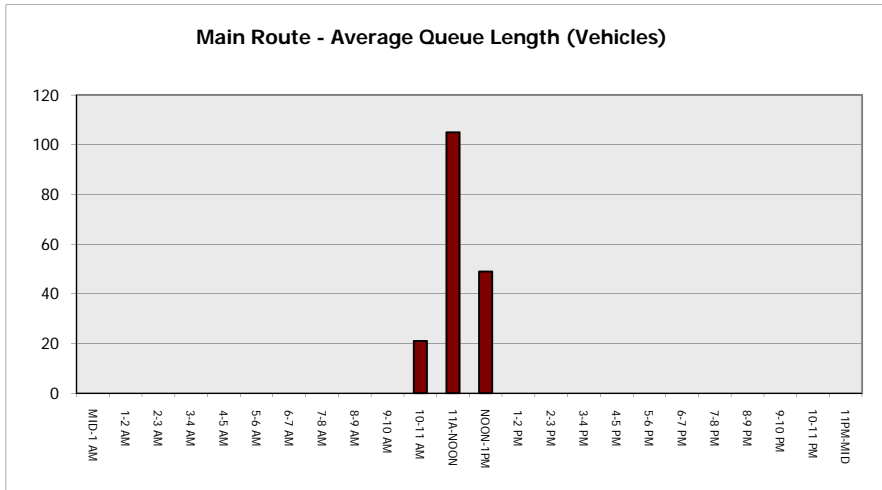
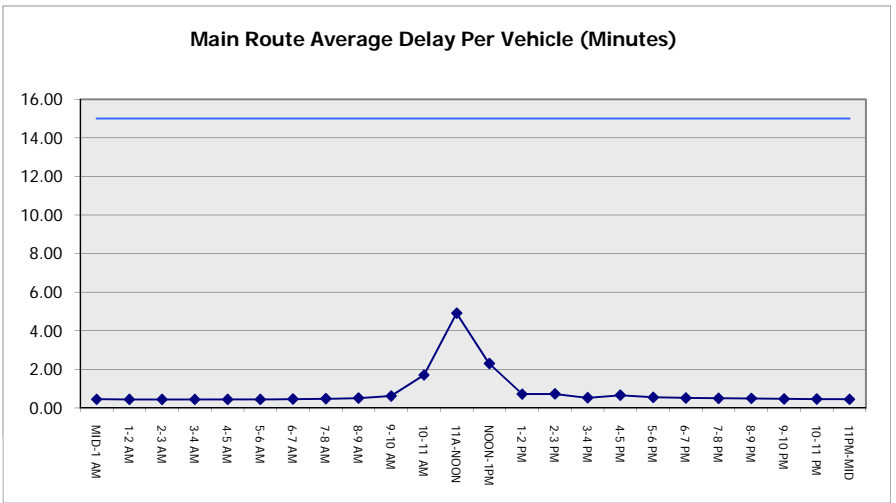
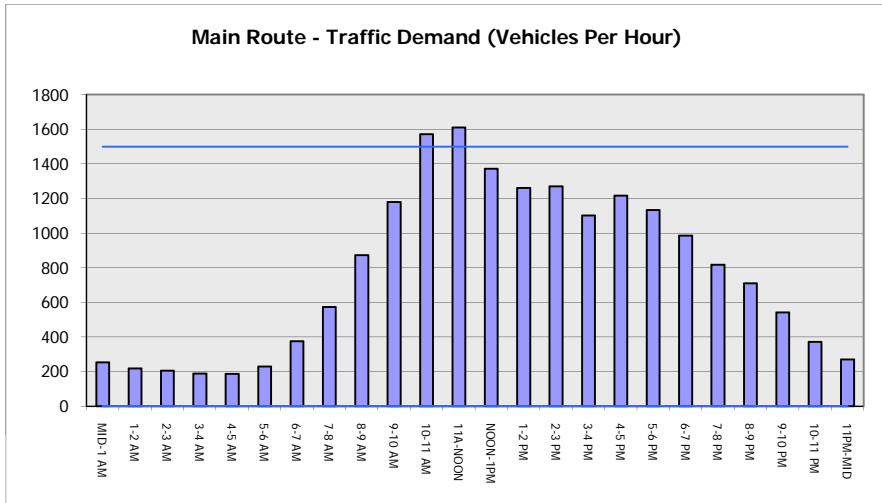
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$5,929
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: USH 53 - STH 157 - STH 35

OCTOBER
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY WESTBOUND DIRECTION



IH 90: USH 53 TO STH 16 (LA CROSSE COUNTY) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: USH 53 - STH 157 - STH 35	OCTOBER
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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	222	0.0	71	0.0	1500	222	0	71	0.44	0	66.0	49.7	44.6	38.6	38.6
1-2 AM	166	0.0	53	0.0	1500	166	0	53	0.44	0	66.1	49.9	44.8	38.9	38.9
2-3 AM	156	0.0	50	0.0	1500	156	0	50	0.44	0	66.1	50.0	44.8	38.9	38.9
3-4 AM	178	0.0	57	0.0	1500	178	0	57	0.44	0	66.1	49.9	44.8	38.8	38.8
4-5 AM	200	0.0	64	0.0	1500	200	0	64	0.44	0	66.0	49.8	44.7	38.7	38.7
5-6 AM	261	0.0	83	0.0	1500	261	0	83	0.45	0	65.9	49.6	44.5	38.4	38.4
6-7 AM	416	0.0	132	0.0	1500	416	0	132	0.46	0	65.6	49.1	43.8	37.6	37.6
7-8 AM	837	0.0	266	0.0	1500	837	0	266	0.50	0	64.8	47.6	42.2	35.5	35.5
8-9 AM	1003	0.0	319	0.0	1500	1003	0	319	0.52	0	64.5	47.0	41.7	34.6	34.6
9-10 AM	1225	0.0	389	0.0	1500	1225	0	389	0.67	0	64.1	43.4	37.7	33.5	33.5
10-11 AM	1331	0.0	423	0.0	1500	1331	0	423	0.81	0	63.9	40.6	34.7	32.9	32.9
11A-NOON	1281	0.0	407	0.0	1500	1281	0	407	0.74	0	64.0	41.9	36.0	33.2	33.2
NOON-1PM	1293	0.0	410	0.0	1500	1293	0	410	0.76	0	64.0	41.5	35.7	33.1	33.1
1-2 PM	1330	0.0	422	0.0	1500	1330	0	422	0.80	0	63.9	40.6	34.7	32.9	32.9
2-3 PM	1217	0.0	387	0.0	1500	1217	0	387	0.66	0	64.1	43.6	37.9	33.5	33.5
3-4 PM	1248	0.0	397	0.0	1500	1248	0	397	0.70	0	64.1	42.7	36.9	33.3	33.3
4-5 PM	1239	0.0	394	0.0	1500	1239	0	394	0.69	0	64.1	43.0	37.3	33.4	33.4
5-6 PM	1147	0.0	364	0.0	1500	1147	0	364	0.57	0	64.3	45.7	40.2	33.8	33.8
6-7 PM	930	0.0	295	0.0	1500	930	0	295	0.51	0	64.6	47.3	41.9	35.0	35.0
7-8 PM	841	0.0	267	0.0	1500	841	0	267	0.50	0	64.8	47.5	42.2	35.5	35.5
8-9 PM	688	0.0	218	0.0	1500	688	0	218	0.49	0	65.1	48.1	42.8	36.2	36.2
9-10 PM	534	0.0	169	0.0	1500	534	0	169	0.47	0	65.4	48.6	43.4	37.0	37.0
10-11 PM	408	0.0	130	0.0	1500	408	0	130	0.46	0	65.6	49.1	43.8	37.6	37.6
11PM-MID	285	0.0	90	0.0	1500	285	0	90	0.45	0	65.8	49.5	44.3	38.3	38.3

----- 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	0.0044
MAIN ROUTE WITH WORKS	0.0032
DIVERSION	0.0218

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$3,167
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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 CONTINUOUS (24 HOUR) CLOSURE
 DIVERSION ROUTE: USH 53 - STH 157 - STH 35**

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY EASTBOUND DIRECTION

