

IH 90: USH 53 TO STH 16 (LA CROSSE COUNTY) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: USH 53 - STH 157 - STH 35	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	257	0.0	81	0.0	1500	257	0	81	0.45	0	65.9	49.6	44.5	38.4	38.4
1-2 AM	192	0.0	61	0.0	1500	192	0	61	0.44	0	66.0	49.9	44.7	38.8	38.8
2-3 AM	194	0.0	62	0.0	1500	194	0	62	0.44	0	66.0	49.9	44.7	38.8	38.8
3-4 AM	199	0.0	63	0.0	1500	199	0	63	0.44	0	66.0	49.8	44.7	38.8	38.8
4-5 AM	270	0.0	86	0.0	1500	270	0	86	0.45	0	65.9	49.6	44.4	38.4	38.4
5-6 AM	401	0.0	128	0.0	1500	401	0	128	0.46	0	65.6	49.1	43.9	37.7	37.7
6-7 AM	618	0.0	196	0.0	1500	618	0	196	0.48	0	65.2	48.3	43.0	36.6	36.6
7-8 AM	866	0.0	275	0.0	1500	866	0	275	0.51	0	64.8	47.4	42.2	35.3	35.3
8-9 AM	1070	0.0	340	0.0	1500	1070	0	340	0.53	0	64.4	46.8	41.4	34.3	34.3
9-10 AM	1231	0.0	391	0.0	1500	1231	0	391	0.68	0	64.1	43.2	37.5	33.4	33.4
10-11 AM	1284	0.0	408	0.0	1500	1284	0	408	0.75	0	64.0	41.8	36.0	33.2	33.2
11A-NOON	1326	0.0	421	0.0	1500	1326	0	421	0.80	0	63.9	40.7	34.8	33.0	33.0
NOON-1PM	1343	0.0	427	0.0	1500	1343	0	427	0.82	0	63.9	40.3	34.3	32.9	32.9
1-2 PM	1419	0.0	450	0.0	1499	1419	0	450	0.92	0	63.7	38.6	32.5	32.5	32.5
2-3 PM	1556	0.0	494	0.0	1499	1556	0	494	1.78	22	63.5	28.1	30.8	31.8	31.8
3-4 PM	1594	0.0	506	0.0	1500	1554	40	546	4.38	91	63.4	15.9	30.8	31.5	31.1
4-5 PM	1645	0.0	522	0.0	1499	1499	145	668	5.25	114	63.3	14.3	30.8	31.3	29.3
5-6 PM	1429	0.0	453	0.0	1499	1416	13	466	3.80	78	63.7	17.5	31.3	32.4	32.3
6-7 PM	1156	0.0	367	0.0	1500	1156	0	367	0.63	1	64.2	44.3	39.6	33.8	33.8
7-8 PM	926	0.0	294	0.0	1500	926	0	294	0.51	0	64.6	47.3	41.9	35.0	35.0
8-9 PM	750	0.0	238	0.0	1500	750	0	238	0.50	0	65.0	47.8	42.6	35.9	35.9
9-10 PM	618	0.0	196	0.0	1500	618	0	196	0.48	0	65.2	48.3	43.0	36.6	36.6
10-11 PM	474	0.0	150	0.0	1500	474	0	150	0.47	0	65.5	48.8	43.6	37.3	37.3
11PM-MID	335	0.0	107	0.0	1500	335	0	107	0.45	0	65.8	49.3	44.2	38.0	38.0

----- 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	0.0050
MAIN ROUTE WITH WORKS	0.0036
DIVERSION	0.0258

PIA: Personal Injury Accidents

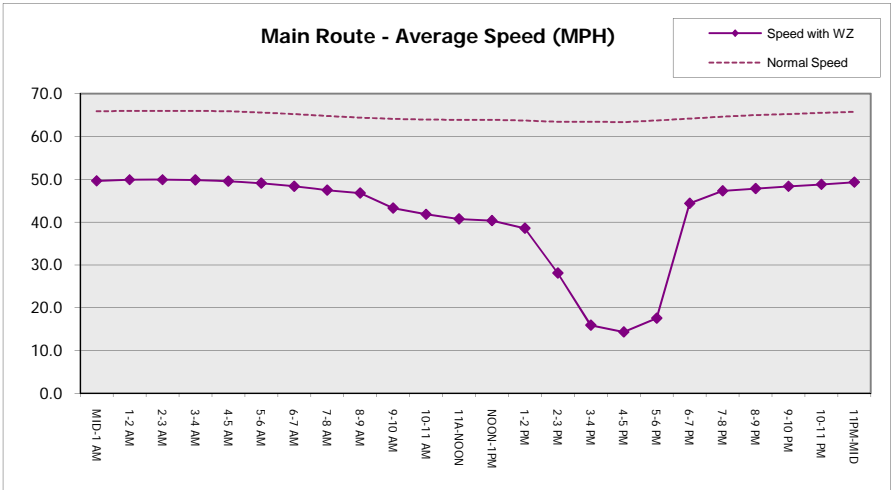
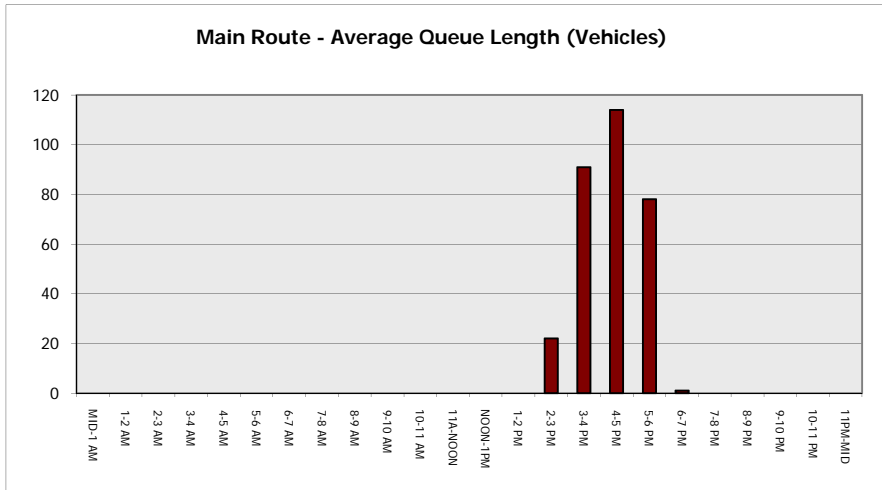
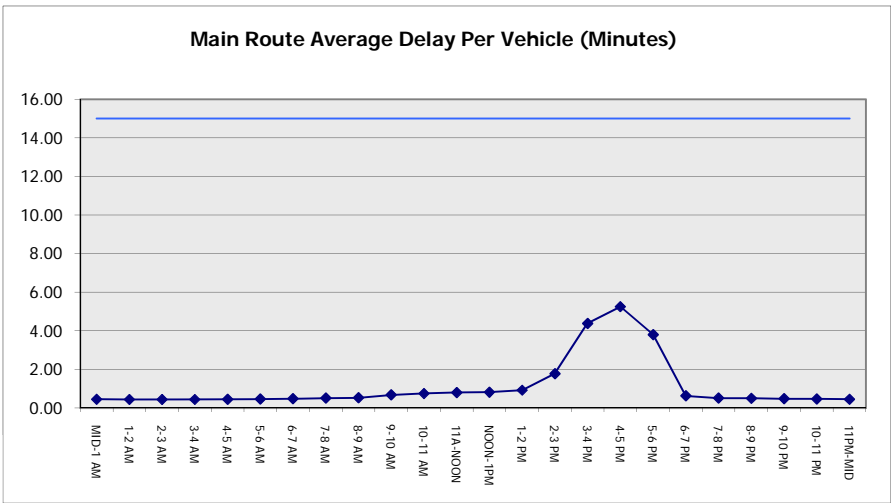
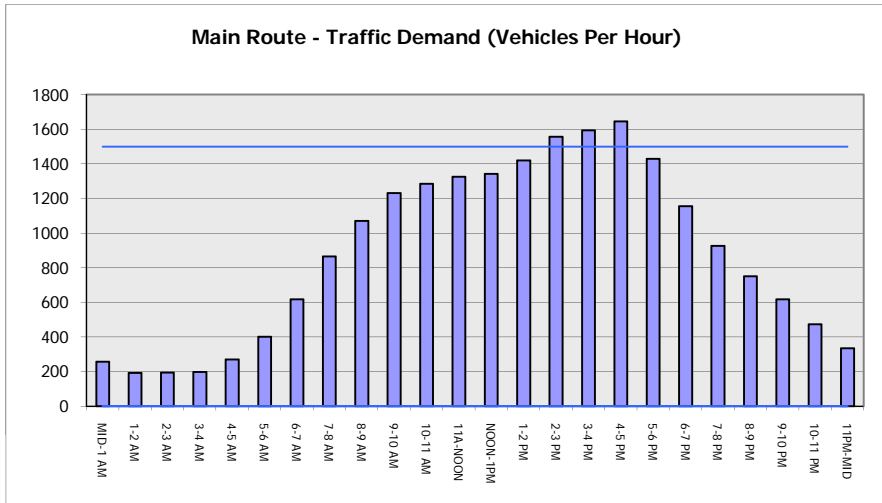
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$7,300
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

IH 90: USH 53 TO STH 16 (LA CROSSE COUNTY)
CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: USH 53 - STH 157 - STH 35

AUGUST
 Analyzed for 2009
 Construction Season

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



IH 90: USH 53 TO STH 16 (LA CROSSE COUNTY) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: USH 53 - STH 157 - STH 35	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	217	0.0	69	0.0	1500	217	0	69	0.44	0	66.0	49.7	44.6	38.6	38.6
1-2 AM	164	0.0	53	0.0	1500	164	0	53	0.44	0	66.1	50.0	44.8	38.9	38.9
2-3 AM	180	0.0	57	0.0	1500	180	0	57	0.44	0	66.1	49.9	44.8	38.8	38.8
3-4 AM	245	0.0	78	0.0	1500	245	0	78	0.45	0	66.0	49.7	44.5	38.5	38.5
4-5 AM	315	0.0	100	0.0	1500	315	0	100	0.45	0	65.8	49.4	44.2	38.1	38.1
5-6 AM	536	0.0	170	0.0	1500	536	0	170	0.47	0	65.4	48.6	43.3	37.0	37.0
6-7 AM	815	0.0	259	0.0	1500	815	0	259	0.50	0	64.9	47.6	42.4	35.6	35.6
7-8 AM	1027	0.0	326	0.0	1500	1027	0	326	0.52	0	64.5	46.9	41.6	34.5	34.5
8-9 AM	1053	0.0	335	0.0	1500	1053	0	335	0.52	0	64.4	46.8	41.5	34.3	34.3
9-10 AM	1208	0.0	383	0.0	1500	1208	0	383	0.65	0	64.1	43.8	38.2	33.5	33.5
10-11 AM	1306	0.0	415	0.0	1500	1306	0	415	0.77	0	64.0	41.2	35.3	33.0	33.0
11A-NOON	1309	0.0	416	0.0	1500	1309	0	416	0.78	0	64.0	41.2	35.3	33.0	33.0
NOON-1PM	1337	0.0	425	0.0	1500	1337	0	425	0.81	0	63.9	40.5	34.5	32.9	32.9
1-2 PM	1445	0.0	459	0.0	1499	1445	0	459	0.95	0	63.7	38.0	32.0	32.4	32.4
2-3 PM	1519	0.0	483	0.0	1499	1519	0	483	1.28	7	63.5	33.3	30.8	31.9	31.9
3-4 PM	1514	0.0	481	0.0	1499	1514	0	481	2.03	27	63.6	26.1	30.8	32.0	32.0
4-5 PM	1474	0.0	468	0.0	1499	1474	0	468	1.89	24	63.7	27.2	30.9	32.2	32.2
5-6 PM	1376	0.0	437	0.0	1500	1376	0	437	0.87	0	63.8	39.4	33.6	32.7	32.7
6-7 PM	1074	0.0	341	0.0	1500	1074	0	341	0.53	0	64.4	46.8	41.4	34.2	34.2
7-8 PM	862	0.0	274	0.0	1500	862	0	274	0.51	0	64.8	47.4	42.2	35.3	35.3
8-9 PM	724	0.0	230	0.0	1500	724	0	230	0.49	0	65.0	47.9	42.7	36.0	36.0
9-10 PM	617	0.0	196	0.0	1500	617	0	196	0.48	0	65.2	48.3	43.0	36.6	36.6
10-11 PM	420	0.0	133	0.0	1500	420	0	133	0.46	0	65.6	49.0	43.8	37.6	37.6
11PM-MID	324	0.0	102	0.0	1500	324	0	102	0.45	0	65.8	49.4	44.2	38.1	38.1

----- 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	0.0050
MAIN ROUTE WITH WORKS	0.0036
DIVERSION	0.0249

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$4,055
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

AUGUST
 Analyzed for 2009
 Construction Season

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

