

USH 53: CTH OT TO IH 90 (LA CROSSE COUNTY) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 157 - CTH S	MAY
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

FRIDAY SOUTHBOUND 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	74	0.0	27	0.0	1500	74	0	27	0.43	0	66.3	46.3	45.2	19.7	19.7
1-2 AM	46	0.0	17	0.0	1500	46	0	17	0.43	0	66.3	46.4	45.3	19.7	19.7
2-3 AM	56	0.0	20	0.0	1500	56	0	20	0.43	0	66.3	46.3	45.3	19.7	19.7
3-4 AM	66	0.0	24	0.0	1500	66	0	24	0.43	0	66.3	46.3	45.2	19.7	19.7
4-5 AM	171	0.0	63	0.0	1500	171	0	63	0.44	0	66.1	45.9	44.8	19.4	19.4
5-6 AM	568	0.0	208	0.0	1500	568	0	208	0.48	0	65.3	44.3	43.2	18.3	18.3
6-7 AM	1345	0.0	492	0.0	1499	1345	0	492	0.88	4	63.9	34.4	35.3	16.0	16.0
7-8 AM	2077	0.0	759	0.0	1500	1676	400	1159	6.92	166	62.5	11.2	30.8	13.9	13.3
8-9 AM	1303	0.0	476	0.0	1499	1213	89	565	2.09	63	64.0	23.2	36.1	16.1	16.6
9-10 AM	1012	0.0	370	0.0	1500	1012	0	370	0.52	0	64.5	42.7	41.6	17.0	17.0
10-11 AM	989	0.0	361	0.0	1500	989	0	361	0.52	0	64.5	42.8	41.7	17.0	17.0
11A-NOON	1027	0.0	375	0.0	1500	1027	0	375	0.52	0	64.5	42.7	41.6	16.9	16.9
NOON-1PM	1088	0.0	398	0.0	1500	1088	0	398	0.53	0	64.3	42.5	41.4	16.8	16.8
1-2 PM	1100	0.0	402	0.0	1500	1100	0	402	0.53	0	64.3	42.5	41.4	16.7	16.7
2-3 PM	1158	0.0	423	0.0	1500	1158	0	423	0.58	0	64.2	41.0	39.9	16.5	16.5
3-4 PM	1376	0.0	503	0.0	1500	1376	0	503	0.86	0	63.8	34.8	33.5	15.9	15.9
4-5 PM	1472	0.0	539	0.0	1500	1472	0	539	0.99	0	63.7	32.6	31.4	15.6	15.6
5-6 PM	1414	0.0	516	0.0	1500	1414	0	516	0.91	0	63.8	33.8	32.7	15.8	15.8
6-7 PM	1164	0.0	425	0.0	1500	1164	0	425	0.59	0	64.2	40.8	39.6	16.5	16.5
7-8 PM	753	0.0	275	0.0	1500	753	0	275	0.50	0	65.0	43.7	42.5	17.7	17.7
8-9 PM	620	0.0	226	0.0	1500	620	0	226	0.48	0	65.2	44.2	43.0	18.1	18.1
9-10 PM	476	0.0	173	0.0	1500	476	0	173	0.47	0	65.5	44.7	43.6	18.5	18.5
10-11 PM	338	0.0	124	0.0	1500	338	0	124	0.46	0	65.8	45.2	44.2	18.9	18.9
11PM-MID	188	0.0	69	0.0	1500	188	0	69	0.44	0	66.0	45.8	44.7	19.3	19.3

----- 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	0.0035
MAIN ROUTE WITH WORKS	0.0021
DIVERSION	0.0126

PIA: Personal Injury Accidents

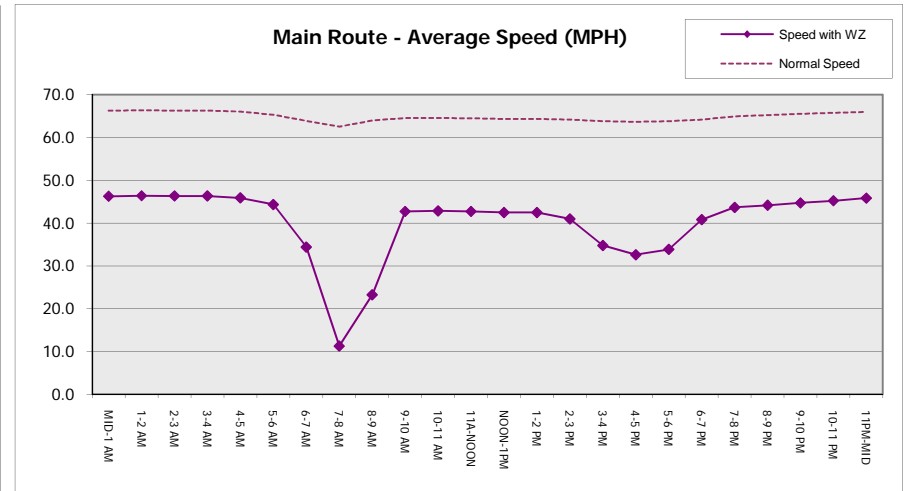
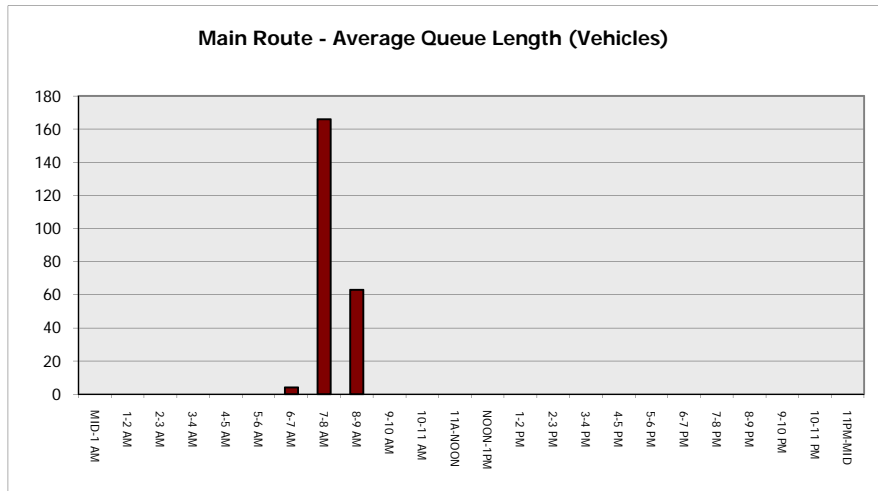
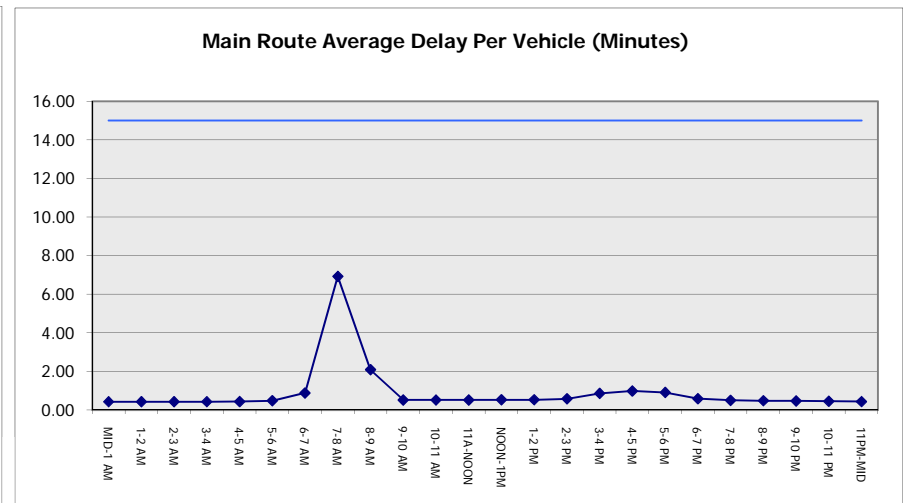
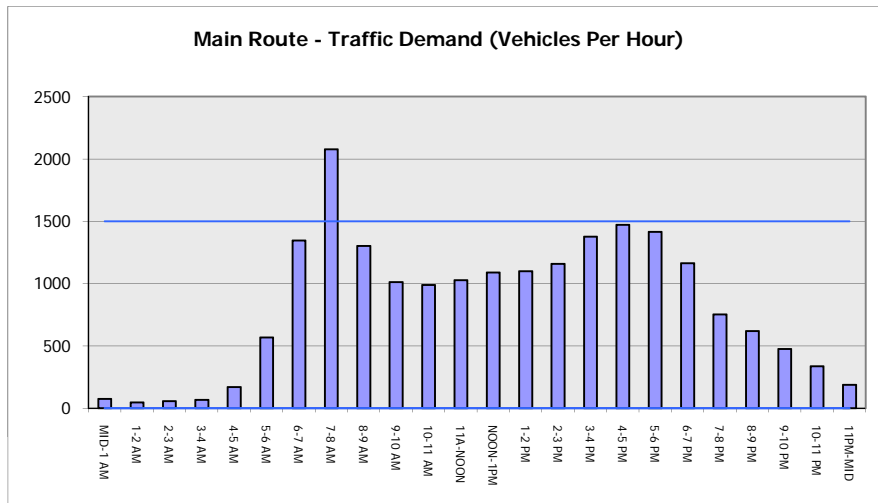
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$6,393
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

**USH 53: CTH OT TO IH 90 (LA CROSSE COUNTY)
CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: STH 157 - CTH S**

MAY
Analyzed for 2009
Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY SOUTHBOUND DIRECTION



USH 53: CTH OT TO IH 90 (LA CROSSE COUNTY) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 157 - CTH S	MAY
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

FRIDAY NORTHBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR							AVERAGE SPEEDS IN MPH			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		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	116	0.0	43	0.0	1500	116	0	43	0.43	0	66.2	46.1	45.0	19.6	19.6
1-2 AM	89	0.0	32	0.0	1500	89	0	32	0.43	0	66.2	46.2	45.1	19.6	19.6
2-3 AM	69	0.0	25	0.0	1500	69	0	25	0.43	0	66.3	46.3	45.2	19.7	19.7
3-4 AM	72	0.0	26	0.0	1500	72	0	26	0.43	0	66.3	46.3	45.2	19.7	19.7
4-5 AM	110	0.0	40	0.0	1500	110	0	40	0.43	0	66.2	46.1	45.0	19.6	19.6
5-6 AM	233	0.0	85	0.0	1500	233	0	85	0.45	0	66.0	45.6	44.5	19.2	19.2
6-7 AM	610	0.0	223	0.0	1500	610	0	223	0.48	0	65.3	44.2	43.1	18.1	18.1
7-8 AM	962	0.0	351	0.0	1500	962	0	351	0.52	0	64.6	42.9	41.8	17.1	17.1
8-9 AM	750	0.0	274	0.0	1500	750	0	274	0.50	0	65.0	43.7	42.6	17.7	17.7
9-10 AM	766	0.0	280	0.0	1500	766	0	280	0.50	0	65.0	43.6	42.5	17.7	17.7
10-11 AM	832	0.0	304	0.0	1500	832	0	304	0.50	0	64.8	43.4	42.3	17.5	17.5
11A-NOON	1006	0.0	368	0.0	1500	1006	0	368	0.52	0	64.5	42.8	41.7	17.0	17.0
NOON-1PM	1184	0.0	433	0.0	1500	1184	0	433	0.62	0	64.1	40.1	39.0	16.5	16.5
1-2 PM	1149	0.0	420	0.0	1500	1149	0	420	0.57	0	64.3	41.3	40.2	16.6	16.6
2-3 PM	1325	0.0	484	0.0	1499	1325	0	484	0.79	0	63.9	36.1	34.9	16.1	16.1
3-4 PM	1699	0.0	621	0.0	1499	1639	61	681	3.39	72	63.2	16.7	30.8	15.0	15.8
4-5 PM	1763	0.0	644	0.0	1499	1487	276	920	5.74	127	63.1	12.2	30.8	14.8	14.8
5-6 PM	1698	0.0	621	0.0	1499	1480	219	840	5.41	118	63.2	12.7	30.8	15.0	15.3
6-7 PM	1283	0.0	470	0.0	1499	1278	6	475	1.57	36	64.0	26.6	35.1	16.2	16.8
7-8 PM	967	0.0	353	0.0	1500	967	0	353	0.52	0	64.6	42.9	41.8	17.1	17.1
8-9 PM	827	0.0	302	0.0	1500	827	0	302	0.50	0	64.8	43.4	42.3	17.5	17.5
9-10 PM	719	0.0	263	0.0	1500	719	0	263	0.49	0	65.0	43.8	42.7	17.8	17.8
10-11 PM	495	0.0	181	0.0	1500	495	0	181	0.47	0	65.5	44.6	43.5	18.4	18.4
11PM-MID	376	0.0	138	0.0	1500	376	0	138	0.46	0	65.7	45.1	44.0	18.8	18.8

----- 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	0.0033
MAIN ROUTE WITH WORKS	0.0020
DIVERSION	0.0123

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$7,789
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: STH 157 - CTH S**

MAY
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Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY NORTHBOUND DIRECTION

