

<b>USH 53: CTH OT TO IH 90 (LA CROSSE COUNTY)                  CONTINUOUS (24 HOUR) CLOSURE                  DIVERSION ROUTE: STH 157 - CTH S</b>	<b>OCTOBER</b>
	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	71	0.0	26	0.0	1500	71	0	26	0.43	0	66.3	46.3	45.2	19.7	19.7
1-2 AM	48	0.0	17	0.0	1500	48	0	17	0.43	0	66.3	46.4	45.3	19.7	19.7
2-3 AM	61	0.0	22	0.0	1500	61	0	22	0.43	0	66.3	46.3	45.3	19.7	19.7
3-4 AM	76	0.0	28	0.0	1500	76	0	28	0.43	0	66.3	46.3	45.2	19.6	19.6
4-5 AM	178	0.0	65	0.0	1500	178	0	65	0.44	0	66.1	45.8	44.8	19.4	19.4
5-6 AM	588	0.0	215	0.0	1500	588	0	215	0.48	0	65.3	44.3	43.2	18.2	18.2
6-7 AM	1351	0.0	494	0.0	1499	1351	0	494	0.92	5	63.8	33.7	35.3	16.0	16.0
7-8 AM	2155	0.0	787	0.0	1500	1698	457	1244	7.39	180	62.3	10.9	30.8	13.7	12.8
8-9 AM	1416	0.0	517	0.0	1499	1252	164	682	3.05	82	63.8	18.4	34.2	15.8	16.0
9-10 AM	1016	0.0	371	0.0	1500	1016	0	371	0.52	0	64.5	42.7	41.6	17.0	17.0
10-11 AM	1062	0.0	389	0.0	1500	1062	0	389	0.53	0	64.4	42.6	41.5	16.8	16.8
11A-NOON	1045	0.0	381	0.0	1500	1045	0	381	0.52	0	64.5	42.7	41.5	16.9	16.9
NOON-1PM	1152	0.0	421	0.0	1500	1152	0	421	0.57	0	64.2	41.2	40.1	16.6	16.6
1-2 PM	1108	0.0	405	0.0	1500	1108	0	405	0.53	0	64.3	42.4	41.3	16.7	16.7
2-3 PM	1186	0.0	433	0.0	1500	1186	0	433	0.62	0	64.1	40.1	38.9	16.5	16.5
3-4 PM	1324	0.0	484	0.0	1500	1324	0	484	0.80	0	63.9	36.1	34.8	16.1	16.1
4-5 PM	1451	0.0	531	0.0	1500	1451	0	531	0.96	0	63.7	33.0	31.8	15.7	15.7
5-6 PM	1467	0.0	537	0.0	1500	1467	0	537	0.98	0	63.7	32.7	31.5	15.6	15.6
6-7 PM	1210	0.0	442	0.0	1500	1210	0	442	0.65	0	64.1	39.3	38.1	16.4	16.4
7-8 PM	762	0.0	279	0.0	1500	762	0	279	0.50	0	65.0	43.7	42.5	17.7	17.7
8-9 PM	552	0.0	202	0.0	1500	552	0	202	0.48	0	65.3	44.4	43.3	18.3	18.3
9-10 PM	471	0.0	171	0.0	1500	471	0	171	0.47	0	65.5	44.7	43.6	18.5	18.5
10-11 PM	332	0.0	122	0.0	1500	332	0	122	0.45	0	65.8	45.3	44.2	18.9	18.9
11PM-MID	206	0.0	75	0.0	1500	206	0	75	0.44	0	66.0	45.8	44.6	19.3	19.3

*----- SITE BREAKDOWN DELAYS -----*	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN (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 (VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN (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	0.0036
MAIN ROUTE WITH WORKS	0.0021
DIVERSION	0.0131

PIA: Personal Injury Accidents

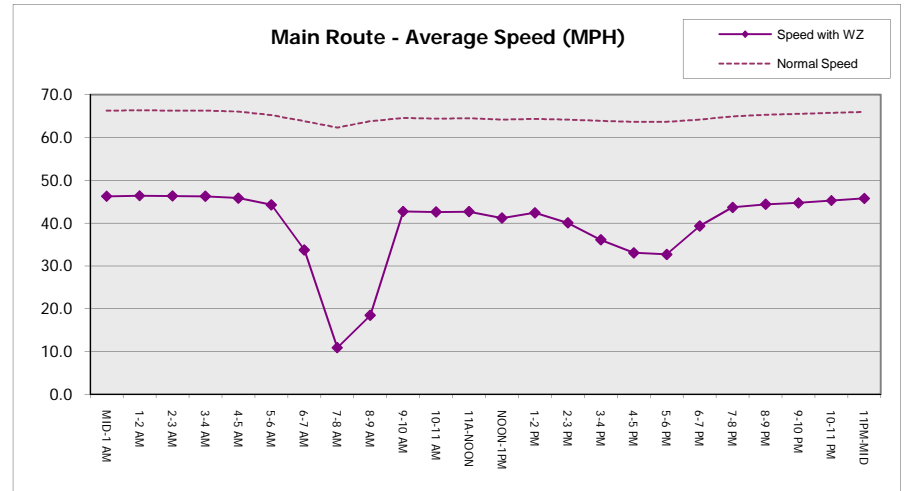
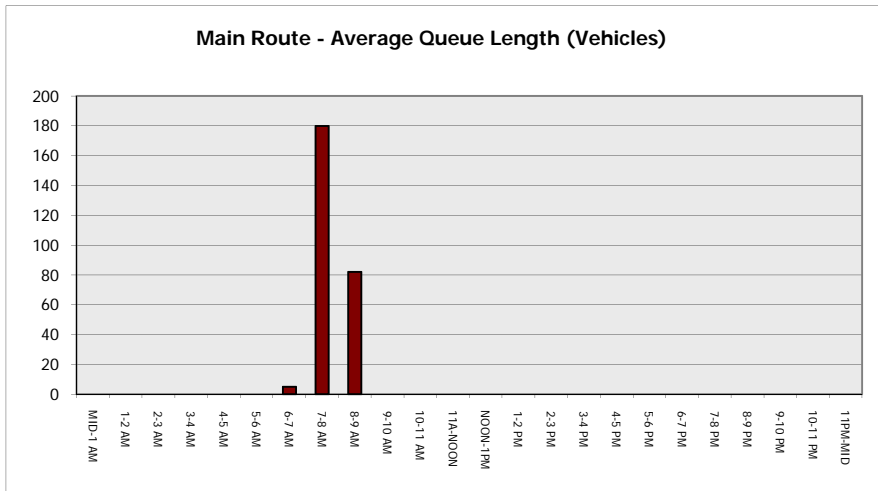
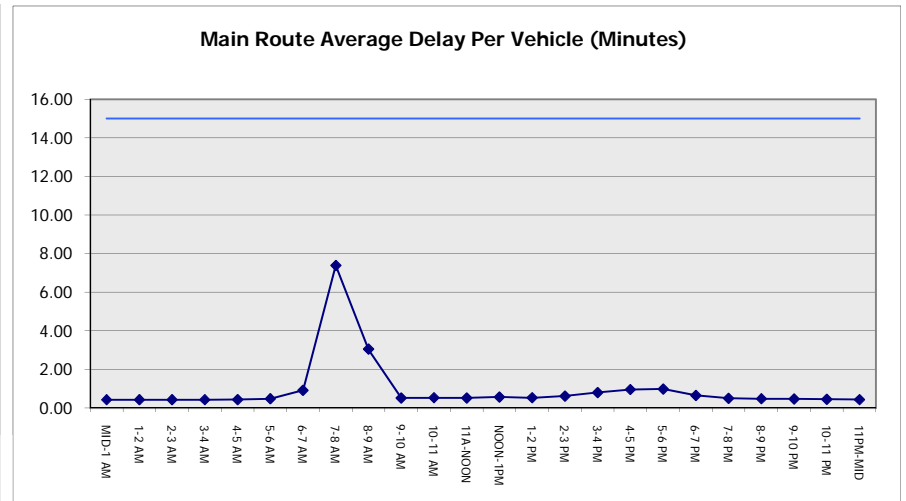
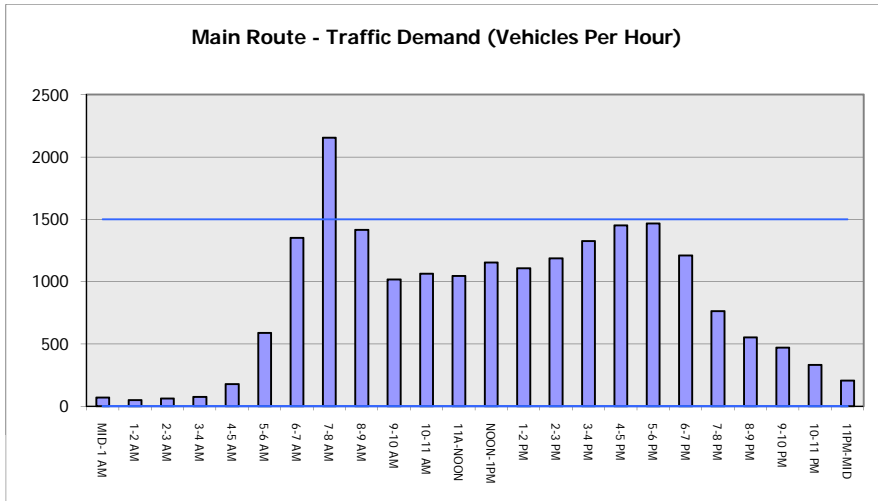
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$7,451
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

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

**OCTOBER**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**FRIDAY SOUTHBOUND DIRECTION**



<b>USH 53: CTH OT TO IH 90 (LA CROSSE COUNTY)                  CONTINUOUS (24 HOUR) CLOSURE                  DIVERSION ROUTE: STH 157 - CTH S</b>	<b>OCTOBER</b>
	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	111	0.0	41	0.0	1500	111	0	41	0.43	0	66.2	46.1	45.0	19.6	19.6
1-2 AM	75	0.0	27	0.0	1500	75	0	27	0.43	0	66.3	46.3	45.2	19.7	19.7
2-3 AM	91	0.0	33	0.0	1500	91	0	33	0.43	0	66.2	46.2	45.1	19.6	19.6
3-4 AM	68	0.0	24	0.0	1500	68	0	24	0.43	0	66.3	46.3	45.2	19.7	19.7
4-5 AM	110	0.0	41	0.0	1500	110	0	41	0.43	0	66.2	46.1	45.0	19.6	19.6
5-6 AM	231	0.0	84	0.0	1500	231	0	84	0.44	0	66.0	45.6	44.6	19.2	19.2
6-7 AM	571	0.0	209	0.0	1500	571	0	209	0.48	0	65.3	44.3	43.2	18.3	18.3
7-8 AM	885	0.0	324	0.0	1500	885	0	324	0.51	0	64.7	43.2	42.1	17.3	17.3
8-9 AM	721	0.0	264	0.0	1500	721	0	264	0.49	0	65.0	43.8	42.7	17.8	17.8
9-10 AM	736	0.0	269	0.0	1500	736	0	269	0.49	0	65.0	43.7	42.6	17.8	17.8
10-11 AM	816	0.0	298	0.0	1500	816	0	298	0.50	0	64.9	43.5	42.4	17.5	17.5
11A-NOON	1008	0.0	369	0.0	1500	1008	0	369	0.52	0	64.5	42.8	41.7	17.0	17.0
NOON-1PM	1187	0.0	434	0.0	1500	1187	0	434	0.62	0	64.1	40.1	38.9	16.5	16.5
1-2 PM	1207	0.0	441	0.0	1500	1207	0	441	0.65	0	64.1	39.4	38.2	16.4	16.4
2-3 PM	1386	0.0	506	0.0	1499	1386	0	506	0.87	0	63.8	34.6	33.4	15.9	15.9
3-4 PM	1785	0.0	652	0.0	1499	1649	136	788	4.08	91	63.0	15.0	30.8	14.7	15.2
4-5 PM	2031	0.0	743	0.0	1499	1539	493	1235	7.42	173	62.6	10.7	30.8	14.0	12.7
5-6 PM	2006	0.0	733	0.0	1499	1465	541	1275	7.70	181	62.7	10.5	30.8	14.1	12.5
6-7 PM	1318	0.0	482	0.0	1499	1270	48	530	2.16	59	63.9	22.5	34.8	16.1	16.8
7-8 PM	1014	0.0	370	0.0	1500	1014	0	370	0.52	0	64.5	42.7	41.6	17.0	17.0
8-9 PM	784	0.0	286	0.0	1500	784	0	286	0.50	0	64.9	43.5	42.5	17.6	17.6
9-10 PM	689	0.0	252	0.0	1500	689	0	252	0.49	0	65.1	43.9	42.8	17.9	17.9
10-11 PM	446	0.0	163	0.0	1500	446	0	163	0.47	0	65.6	44.8	43.7	18.6	18.6
11PM-MID	329	0.0	120	0.0	1500	329	0	120	0.45	0	65.8	45.3	44.2	18.9	18.9

*----- 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	0.0034
MAIN ROUTE WITH WORKS	0.0020
DIVERSION	0.0136

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$11,325
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

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

**OCTOBER**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**FRIDAY NORTHBOUND DIRECTION**

