

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

**SUMMARY OF TRAFFIC MODEL OUTPUT**

**SUNDAY 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	109	0.0	40	0.0	1500	109	0	40	0.43	0	66.2	46.1	45.1	19.6	19.6
1-2 AM	69	0.0	25	0.0	1500	69	0	25	0.43	0	66.3	46.3	45.2	19.7	19.7
2-3 AM	58	0.0	21	0.0	1500	58	0	21	0.43	0	66.3	46.3	45.3	19.7	19.7
3-4 AM	55	0.0	20	0.0	1500	55	0	20	0.43	0	66.3	46.3	45.3	19.7	19.7
4-5 AM	62	0.0	22	0.0	1500	62	0	22	0.43	0	66.3	46.3	45.3	19.7	19.7
5-6 AM	155	0.0	57	0.0	1500	155	0	57	0.44	0	66.1	46.0	44.8	19.4	19.4
6-7 AM	221	0.0	81	0.0	1500	221	0	81	0.44	0	66.0	45.7	44.6	19.3	19.3
7-8 AM	329	0.0	120	0.0	1500	329	0	120	0.45	0	65.8	45.3	44.2	18.9	18.9
8-9 AM	603	0.0	220	0.0	1500	603	0	220	0.48	0	65.3	44.2	43.1	18.1	18.1
9-10 AM	827	0.0	302	0.0	1500	827	0	302	0.50	0	64.8	43.4	42.3	17.5	17.5
10-11 AM	1059	0.0	388	0.0	1500	1059	0	388	0.52	0	64.4	42.6	41.5	16.8	16.8
11A-NOON	1248	0.0	456	0.0	1500	1248	0	456	0.70	0	64.1	38.2	36.9	16.3	16.3
NOON-1PM	1246	0.0	456	0.0	1500	1246	0	456	0.70	0	64.1	38.2	37.0	16.3	16.3
1-2 PM	1119	0.0	409	0.0	1500	1119	0	409	0.53	0	64.3	42.4	41.2	16.6	16.6
2-3 PM	1104	0.0	404	0.0	1500	1104	0	404	0.53	0	64.3	42.4	41.3	16.7	16.7
3-4 PM	1141	0.0	417	0.0	1500	1141	0	417	0.56	0	64.3	41.5	40.4	16.6	16.6
4-5 PM	995	0.0	364	0.0	1500	995	0	364	0.52	0	64.5	42.8	41.7	17.0	17.0
5-6 PM	935	0.0	342	0.0	1500	935	0	342	0.51	0	64.6	43.0	41.9	17.2	17.2
6-7 PM	677	0.0	248	0.0	1500	677	0	248	0.49	0	65.1	44.0	42.8	17.9	17.9
7-8 PM	504	0.0	185	0.0	1500	504	0	185	0.47	0	65.5	44.6	43.5	18.4	18.4
8-9 PM	310	0.0	114	0.0	1500	310	0	114	0.45	0	65.8	45.3	44.2	19.0	19.0
9-10 PM	250	0.0	91	0.0	1500	250	0	91	0.45	0	66.0	45.6	44.5	19.1	19.1
10-11 PM	169	0.0	62	0.0	1500	169	0	62	0.44	0	66.1	45.9	44.8	19.4	19.4
11PM-MID	82	0.0	29	0.0	1500	82	0	29	0.43	0	66.3	46.3	45.1	19.6	19.6

*----- 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	0.0023
MAIN ROUTE WITH WORKS	0.0015
DIVERSION	0.0079

PIA: Personal Injury Accidents

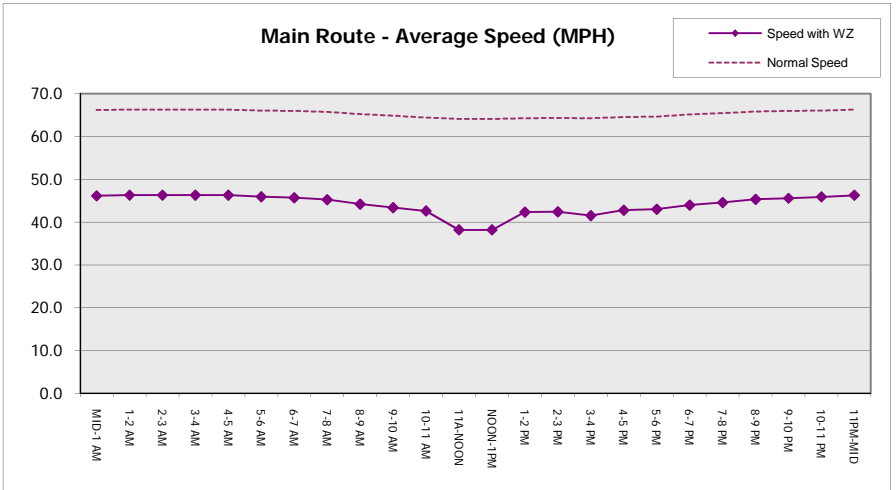
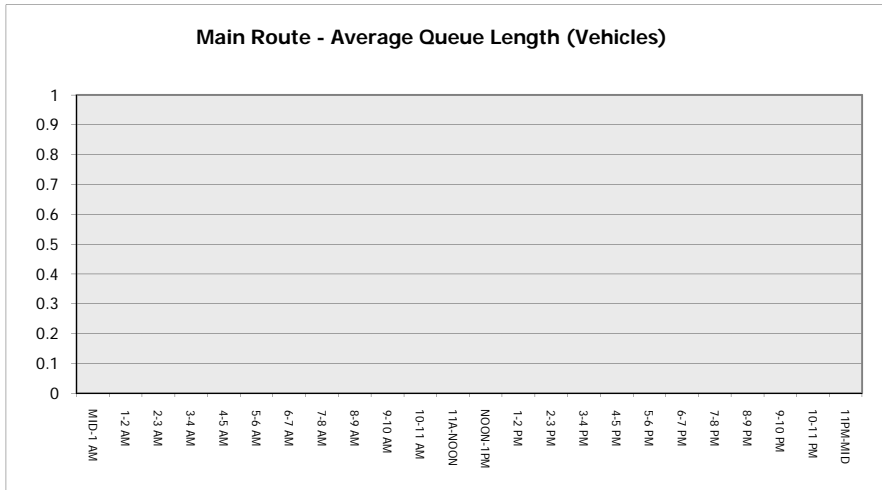
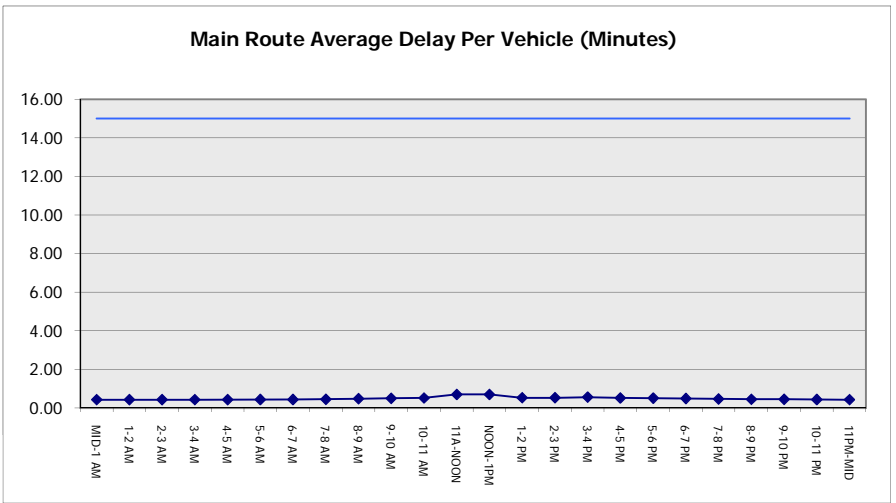
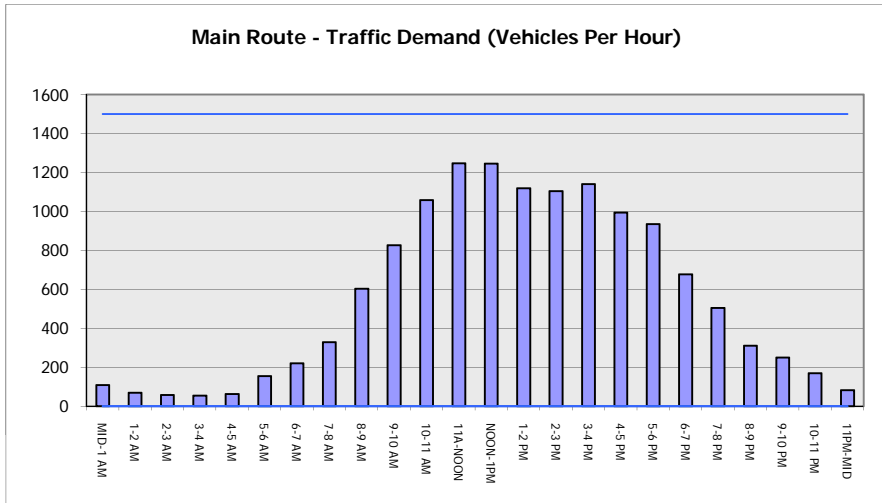
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,860
CONGESTED HOURS PER DAY*	0

\*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**  
**SUNDAY SOUTHBOUND DIRECTION**



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

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SUNDAY NORTHBOUND 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	203	0.0	74	0.0	1500	203	0	74	0.44	0	66.0	45.8	44.6	19.3	19.3
1-2 AM	124	0.0	45	0.0	1500	124	0	45	0.43	0	66.1	46.1	45.0	19.5	19.5
2-3 AM	102	0.0	38	0.0	1500	102	0	38	0.43	0	66.2	46.1	45.1	19.6	19.6
3-4 AM	65	0.0	23	0.0	1500	65	0	23	0.43	0	66.3	46.3	45.2	19.7	19.7
4-5 AM	51	0.0	18	0.0	1500	51	0	18	0.43	0	66.3	46.4	45.3	19.7	19.7
5-6 AM	67	0.0	24	0.0	1500	67	0	24	0.43	0	66.3	46.3	45.2	19.7	19.7
6-7 AM	122	0.0	45	0.0	1500	122	0	45	0.43	0	66.1	46.1	45.0	19.5	19.5
7-8 AM	273	0.0	99	0.0	1500	273	0	99	0.45	0	65.9	45.5	44.4	19.1	19.1
8-9 AM	354	0.0	130	0.0	1500	354	0	130	0.46	0	65.7	45.1	44.1	18.9	18.9
9-10 AM	626	0.0	229	0.0	1500	626	0	229	0.48	0	65.2	44.2	43.0	18.1	18.1
10-11 AM	771	0.0	282	0.0	1500	771	0	282	0.50	0	65.0	43.6	42.5	17.6	17.6
11A-NOON	964	0.0	352	0.0	1500	964	0	352	0.52	0	64.6	42.9	41.8	17.1	17.1
NOON-1PM	1083	0.0	396	0.0	1500	1083	0	396	0.53	0	64.4	42.5	41.4	16.8	16.8
1-2 PM	995	0.0	364	0.0	1500	995	0	364	0.52	0	64.5	42.8	41.7	17.0	17.0
2-3 PM	1024	0.0	374	0.0	1500	1024	0	374	0.52	0	64.5	42.7	41.6	17.0	17.0
3-4 PM	1095	0.0	400	0.0	1500	1095	0	400	0.53	0	64.3	42.5	41.4	16.7	16.7
4-5 PM	1054	0.0	386	0.0	1500	1054	0	386	0.52	0	64.4	42.6	41.5	16.8	16.8
5-6 PM	943	0.0	345	0.0	1500	943	0	345	0.51	0	64.6	43.0	41.9	17.1	17.1
6-7 PM	879	0.0	322	0.0	1500	879	0	322	0.51	0	64.8	43.2	42.1	17.3	17.3
7-8 PM	640	0.0	234	0.0	1500	640	0	234	0.48	0	65.2	44.1	43.0	18.0	18.0
8-9 PM	425	0.0	155	0.0	1500	425	0	155	0.46	0	65.6	44.9	43.8	18.6	18.6
9-10 PM	280	0.0	102	0.0	1500	280	0	102	0.45	0	65.9	45.5	44.3	19.1	19.1
10-11 PM	203	0.0	74	0.0	1500	203	0	74	0.44	0	66.0	45.8	44.6	19.3	19.3
11PM-MID	137	0.0	50	0.0	1500	137	0	50	0.44	0	66.1	46.0	45.0	19.5	19.5

*----- 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	0.0022
MAIN ROUTE WITH WORKS	0.0014
DIVERSION	0.0074

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,614
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

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 DIVERSION ROUTE: STH 157 - CTH S**

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**SUNDAY NORTHBOUND DIRECTION**

