

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

AUGUST

Analyzed for 2009
Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

SATURDAY 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	126	0.0	46	0.0	1500	126	0	46	0.43	0	66.1	46.1	45.0	19.5	19.5
1-2 AM	62	0.0	22	0.0	1500	62	0	22	0.43	0	66.3	46.3	45.3	19.7	19.7
2-3 AM	62	0.0	22	0.0	1500	62	0	22	0.43	0	66.3	46.3	45.3	19.7	19.7
3-4 AM	58	0.0	21	0.0	1500	58	0	21	0.43	0	66.3	46.3	45.3	19.7	19.7
4-5 AM	80	0.0	29	0.0	1500	80	0	29	0.43	0	66.3	46.3	45.1	19.6	19.6
5-6 AM	219	0.0	80	0.0	1500	219	0	80	0.44	0	66.0	45.7	44.6	19.3	19.3
6-7 AM	330	0.0	121	0.0	1500	330	0	121	0.45	0	65.8	45.3	44.2	18.9	18.9
7-8 AM	551	0.0	202	0.0	1500	551	0	202	0.48	0	65.3	44.4	43.3	18.3	18.3
8-9 AM	793	0.0	290	0.0	1500	793	0	290	0.50	0	64.9	43.5	42.4	17.6	17.6
9-10 AM	979	0.0	358	0.0	1500	979	0	358	0.52	0	64.6	42.8	41.7	17.1	17.1
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	1151	0.0	421	0.0	1500	1151	0	421	0.57	0	64.2	41.2	40.1	16.6	16.6
NOON-1PM	1144	0.0	418	0.0	1500	1144	0	418	0.56	0	64.3	41.4	40.3	16.6	16.6
1-2 PM	1092	0.0	400	0.0	1500	1092	0	400	0.53	0	64.3	42.5	41.4	16.7	16.7
2-3 PM	1051	0.0	384	0.0	1500	1051	0	384	0.52	0	64.4	42.6	41.5	16.8	16.8
3-4 PM	1053	0.0	384	0.0	1500	1053	0	384	0.52	0	64.4	42.6	41.5	16.8	16.8
4-5 PM	973	0.0	356	0.0	1500	973	0	356	0.52	0	64.6	42.9	41.8	17.1	17.1
5-6 PM	927	0.0	339	0.0	1500	927	0	339	0.51	0	64.6	43.0	41.9	17.2	17.2
6-7 PM	815	0.0	297	0.0	1500	815	0	297	0.50	0	64.9	43.5	42.4	17.5	17.5
7-8 PM	610	0.0	223	0.0	1500	610	0	223	0.48	0	65.3	44.2	43.1	18.1	18.1
8-9 PM	457	0.0	166	0.0	1500	457	0	166	0.47	0	65.5	44.8	43.7	18.6	18.6
9-10 PM	392	0.0	143	0.0	1500	392	0	143	0.46	0	65.6	45.0	43.9	18.8	18.8
10-11 PM	294	0.0	108	0.0	1500	294	0	108	0.45	0	65.8	45.4	44.3	19.0	19.0
11PM-MID	194	0.0	71	0.0	1500	194	0	71	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 (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	0.0025
MAIN ROUTE WITH WORKS	0.0016
DIVERSION	0.0086

PIA: Personal Injury Accidents

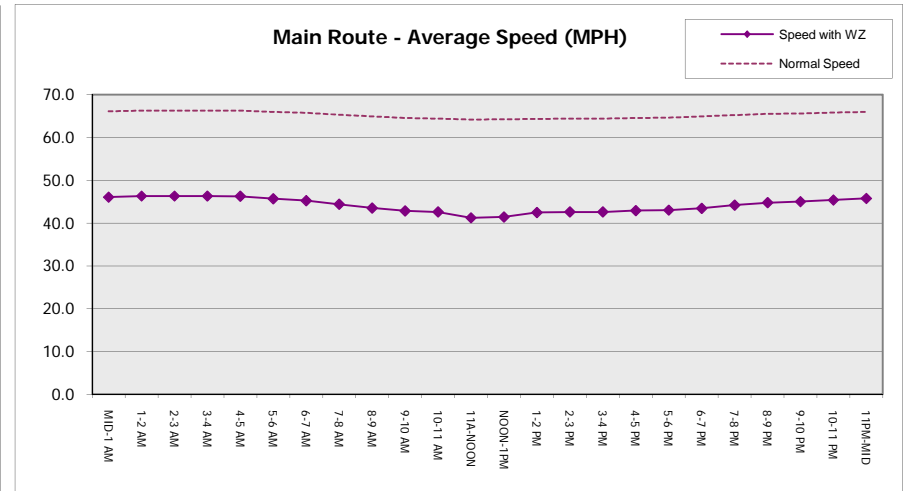
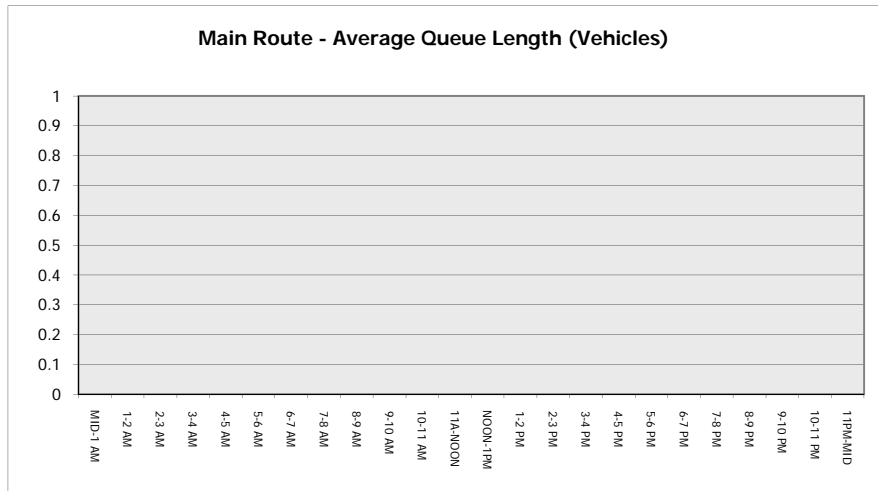
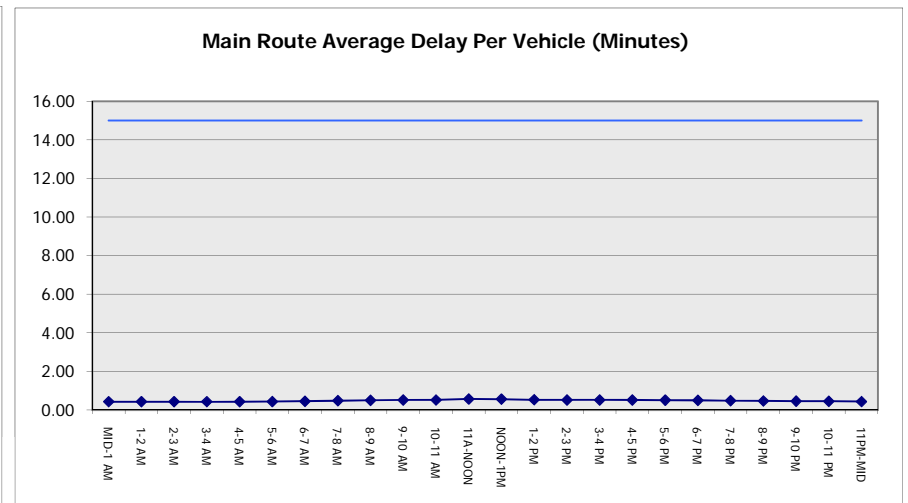
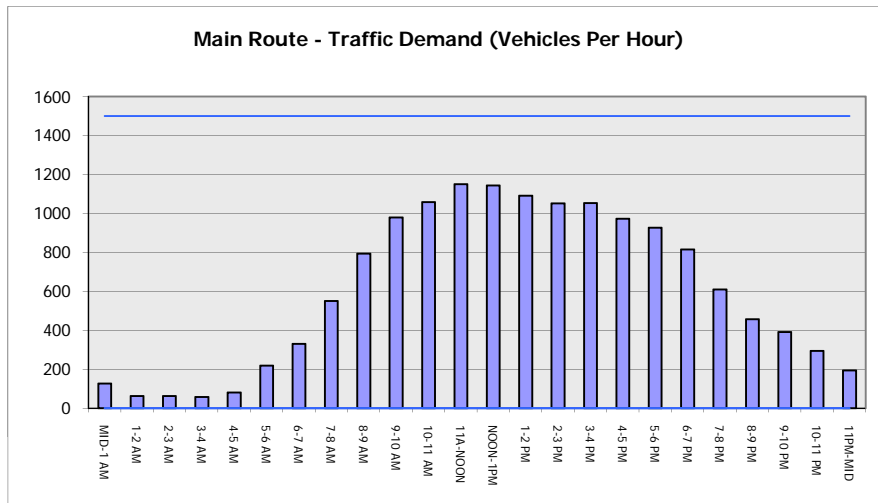
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,883
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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

AUGUST
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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY SOUTHBOUND DIRECTION



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

SUMMARY OF TRAFFIC MODEL OUTPUT

SATURDAY 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	193	0.0	70	0.0	1500	193	0	70	0.44	0	66.0	45.8	44.7	19.3	19.3
1-2 AM	122	0.0	45	0.0	1500	122	0	45	0.43	0	66.1	46.1	45.0	19.5	19.5
2-3 AM	97	0.0	36	0.0	1500	97	0	36	0.43	0	66.2	46.2	45.1	19.6	19.6
3-4 AM	71	0.0	26	0.0	1500	71	0	26	0.43	0	66.3	46.3	45.2	19.7	19.7
4-5 AM	74	0.0	27	0.0	1500	74	0	27	0.43	0	66.3	46.3	45.2	19.7	19.7
5-6 AM	100	0.0	37	0.0	1500	100	0	37	0.43	0	66.2	46.1	45.1	19.6	19.6
6-7 AM	227	0.0	83	0.0	1500	227	0	83	0.44	0	66.0	45.6	44.6	19.2	19.2
7-8 AM	376	0.0	138	0.0	1500	376	0	138	0.46	0	65.7	45.1	44.0	18.8	18.8
8-9 AM	483	0.0	177	0.0	1500	483	0	177	0.47	0	65.5	44.6	43.6	18.5	18.5
9-10 AM	671	0.0	246	0.0	1500	671	0	246	0.49	0	65.1	44.0	42.8	17.9	17.9
10-11 AM	848	0.0	310	0.0	1500	848	0	310	0.50	0	64.8	43.3	42.2	17.5	17.5
11A-NOON	998	0.0	365	0.0	1500	998	0	365	0.52	0	64.5	42.8	41.7	17.0	17.0
NOON-1PM	986	0.0	360	0.0	1500	986	0	360	0.52	0	64.5	42.8	41.7	17.0	17.0
1-2 PM	984	0.0	360	0.0	1500	984	0	360	0.52	0	64.5	42.8	41.7	17.0	17.0
2-3 PM	1054	0.0	386	0.0	1500	1054	0	386	0.52	0	64.4	42.6	41.5	16.8	16.8
3-4 PM	1048	0.0	383	0.0	1500	1048	0	383	0.52	0	64.5	42.6	41.5	16.8	16.8
4-5 PM	1036	0.0	378	0.0	1500	1036	0	378	0.52	0	64.5	42.7	41.5	16.9	16.9
5-6 PM	967	0.0	353	0.0	1500	967	0	353	0.52	0	64.6	42.9	41.8	17.1	17.1
6-7 PM	867	0.0	318	0.0	1500	867	0	318	0.51	0	64.8	43.3	42.2	17.4	17.4
7-8 PM	727	0.0	266	0.0	1500	727	0	266	0.49	0	65.0	43.8	42.7	17.8	17.8
8-9 PM	618	0.0	226	0.0	1500	618	0	226	0.48	0	65.2	44.2	43.0	18.1	18.1
9-10 PM	548	0.0	200	0.0	1500	548	0	200	0.48	0	65.4	44.4	43.3	18.3	18.3
10-11 PM	386	0.0	141	0.0	1500	386	0	141	0.46	0	65.6	45.0	44.0	18.8	18.8
11PM-MID	269	0.0	98	0.0	1500	269	0	98	0.45	0	65.9	45.5	44.4	19.1	19.1

----- 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	0.0024
MAIN ROUTE WITH WORKS	0.0015
DIVERSION	0.0082

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,750
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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

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SATURDAY NORTHBOUND DIRECTION

