

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

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	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	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	66	0.0	24	0.0	1500	66	0	24	0.43	0	66.3	46.3	45.2	19.7	19.7
3-4 AM	61	0.0	22	0.0	1500	61	0	22	0.43	0	66.3	46.3	45.3	19.7	19.7
4-5 AM	98	0.0	37	0.0	1500	98	0	37	0.43	0	66.2	46.2	45.1	19.6	19.6
5-6 AM	264	0.0	96	0.0	1500	264	0	96	0.45	0	65.9	45.5	44.4	19.1	19.1
6-7 AM	396	0.0	144	0.0	1500	396	0	144	0.46	0	65.6	45.0	43.9	18.8	18.8
7-8 AM	626	0.0	229	0.0	1500	626	0	229	0.48	0	65.2	44.2	43.0	18.1	18.1
8-9 AM	877	0.0	321	0.0	1500	877	0	321	0.51	0	64.8	43.2	42.1	17.3	17.3
9-10 AM	1064	0.0	390	0.0	1500	1064	0	390	0.53	0	64.4	42.5	41.5	16.8	16.8
10-11 AM	1214	0.0	444	0.0	1500	1214	0	444	0.66	0	64.1	39.2	38.0	16.4	16.4
11A-NOON	1299	0.0	475	0.0	1500	1299	0	475	0.76	0	64.0	36.8	35.5	16.1	16.1
NOON-1PM	1296	0.0	474	0.0	1500	1296	0	474	0.76	0	64.0	36.8	35.6	16.1	16.1
1-2 PM	1150	0.0	420	0.0	1500	1150	0	420	0.57	0	64.3	41.3	40.1	16.6	16.6
2-3 PM	1093	0.0	400	0.0	1500	1093	0	400	0.53	0	64.3	42.5	41.4	16.7	16.7
3-4 PM	1072	0.0	392	0.0	1500	1072	0	392	0.53	0	64.4	42.5	41.4	16.8	16.8
4-5 PM	1038	0.0	379	0.0	1500	1038	0	379	0.52	0	64.5	42.7	41.5	16.9	16.9
5-6 PM	1072	0.0	393	0.0	1500	1072	0	393	0.53	0	64.4	42.5	41.4	16.8	16.8
6-7 PM	948	0.0	346	0.0	1500	948	0	346	0.51	0	64.6	43.0	41.9	17.1	17.1
7-8 PM	742	0.0	271	0.0	1500	742	0	271	0.49	0	65.0	43.7	42.6	17.8	17.8
8-9 PM	553	0.0	202	0.0	1500	553	0	202	0.48	0	65.3	44.4	43.3	18.3	18.3
9-10 PM	391	0.0	143	0.0	1500	391	0	143	0.46	0	65.6	45.0	43.9	18.8	18.8
10-11 PM	273	0.0	99	0.0	1500	273	0	99	0.45	0	65.9	45.5	44.4	19.1	19.1
11PM-MID	176	0.0	64	0.0	1500	176	0	64	0.44	0	66.1	45.9	44.8	19.4	19.4

----- 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	0.0028
MAIN ROUTE WITH WORKS	0.0017
DIVERSION	0.0095

PIA: Personal Injury Accidents

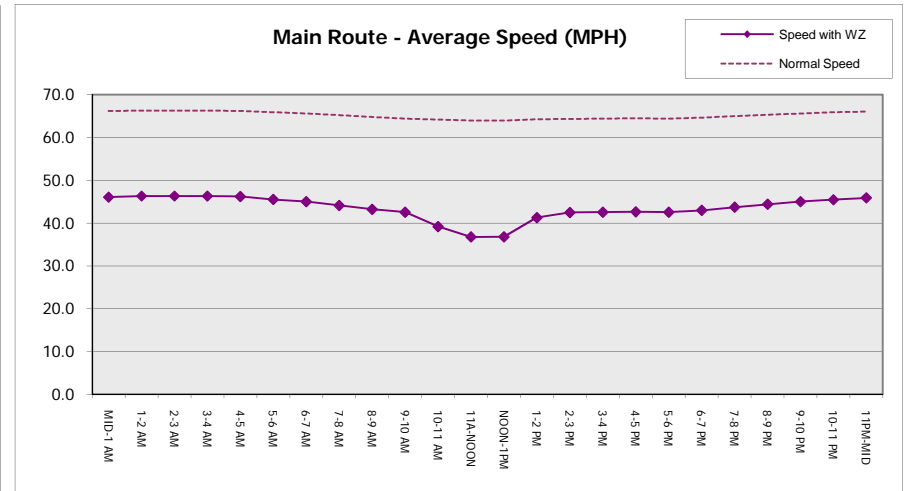
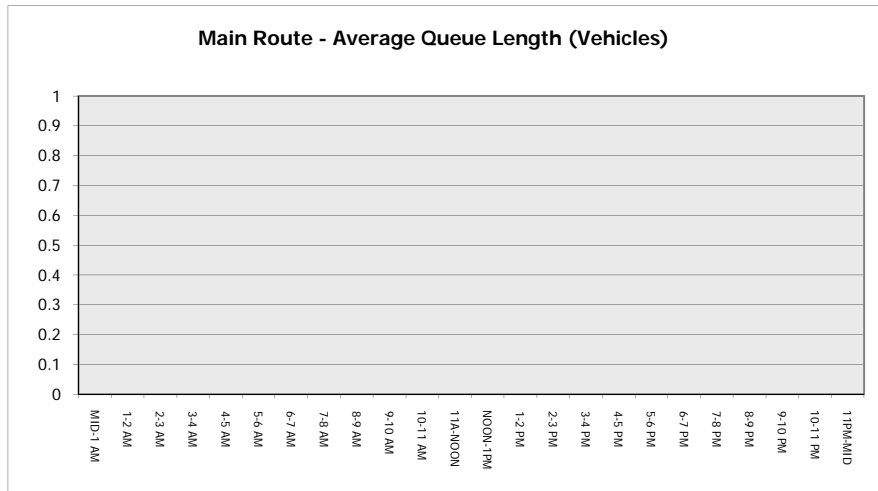
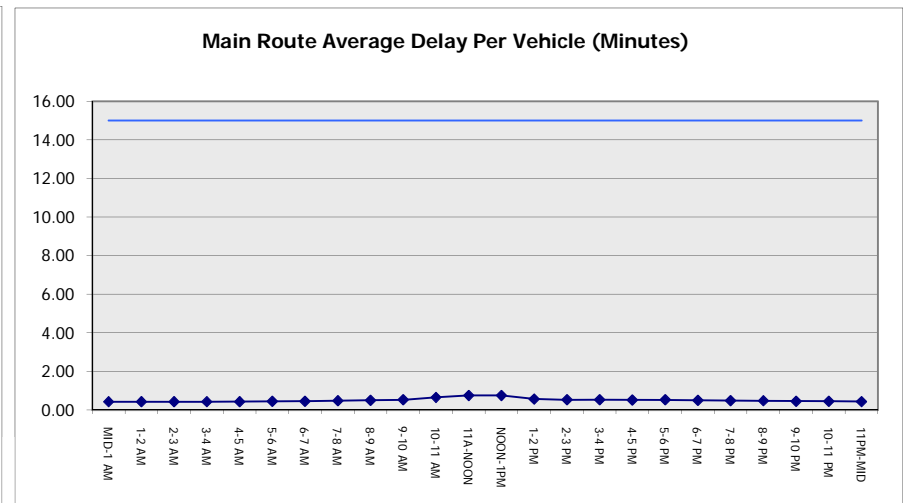
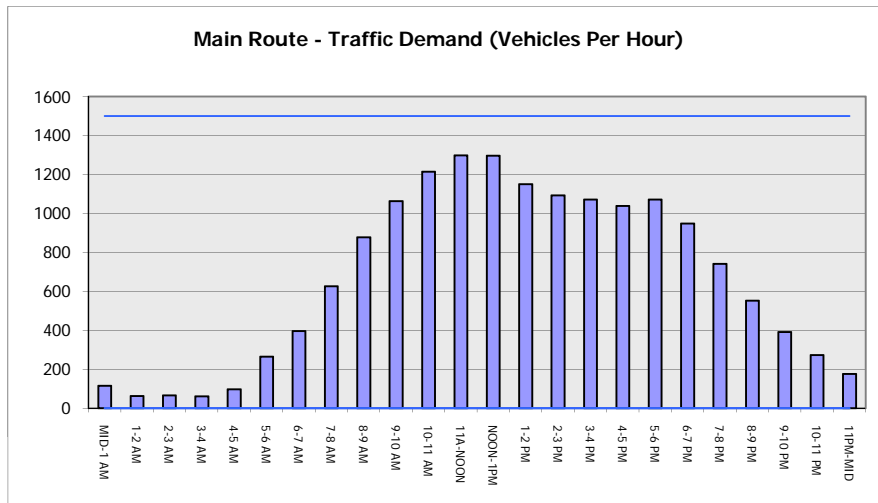
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,293
CONGESTED HOURS PER DAY*	0

*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
SATURDAY SOUTHBOUND DIRECTION



USH 53: CTH OT TO IH 90 (LA CROSSE COUNTY) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 157 - CTH S	OCTOBER
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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	208	0.0	76	0.0	1500	208	0	76	0.44	0	66.0	45.8	44.6	19.3	19.3
1-2 AM	112	0.0	41	0.0	1500	112	0	41	0.43	0	66.2	46.1	45.0	19.6	19.6
2-3 AM	98	0.0	37	0.0	1500	98	0	37	0.43	0	66.2	46.2	45.1	19.6	19.6
3-4 AM	73	0.0	26	0.0	1500	73	0	26	0.43	0	66.3	46.3	45.2	19.7	19.7
4-5 AM	96	0.0	36	0.0	1500	96	0	36	0.43	0	66.2	46.2	45.1	19.6	19.6
5-6 AM	124	0.0	46	0.0	1500	124	0	46	0.43	0	66.1	46.1	45.0	19.5	19.5
6-7 AM	205	0.0	75	0.0	1500	205	0	75	0.44	0	66.0	45.8	44.6	19.3	19.3
7-8 AM	363	0.0	133	0.0	1500	363	0	133	0.46	0	65.7	45.1	44.0	18.8	18.8
8-9 AM	586	0.0	214	0.0	1500	586	0	214	0.48	0	65.3	44.3	43.2	18.2	18.2
9-10 AM	781	0.0	286	0.0	1500	781	0	286	0.50	0	65.0	43.6	42.5	17.6	17.6
10-11 AM	1008	0.0	368	0.0	1500	1008	0	368	0.52	0	64.5	42.8	41.7	17.0	17.0
11A-NOON	1026	0.0	375	0.0	1500	1026	0	375	0.52	0	64.5	42.7	41.6	16.9	16.9
NOON-1PM	1147	0.0	419	0.0	1500	1147	0	419	0.57	0	64.3	41.4	40.2	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	1172	0.0	428	0.0	1500	1172	0	428	0.60	0	64.2	40.6	39.4	16.5	16.5
3-4 PM	1161	0.0	424	0.0	1500	1161	0	424	0.59	0	64.2	40.9	39.7	16.5	16.5
4-5 PM	1117	0.0	408	0.0	1500	1117	0	408	0.53	0	64.3	42.4	41.3	16.6	16.6
5-6 PM	1076	0.0	394	0.0	1500	1076	0	394	0.53	0	64.4	42.5	41.4	16.8	16.8
6-7 PM	982	0.0	359	0.0	1500	982	0	359	0.52	0	64.6	42.8	41.7	17.1	17.1
7-8 PM	848	0.0	309	0.0	1500	848	0	309	0.50	0	64.8	43.3	42.2	17.5	17.5
8-9 PM	681	0.0	249	0.0	1500	681	0	249	0.49	0	65.1	43.9	42.8	17.9	17.9
9-10 PM	551	0.0	201	0.0	1500	551	0	201	0.48	0	65.3	44.4	43.3	18.3	18.3
10-11 PM	385	0.0	140	0.0	1500	385	0	140	0.46	0	65.6	45.0	44.0	18.8	18.8
11PM-MID	288	0.0	106	0.0	1500	288	0	106	0.45	0	65.8	45.4	44.3	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	0.0027
MAIN ROUTE WITH WORKS	0.0017
DIVERSION	0.0090

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,028
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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SATURDAY NORTHBOUND DIRECTION

