

**USH 41: USH 151 TO STH 67 (DODGE AND FOND DU LAC COUNTIES)  
CONTINUOUS (24 HOUR) CLOSURE  
DIVERSION ROUTE: CTH KK - STH 175 - CTH B**

**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	148	0.0	23	0.0	1500	148	0	23	0.44	0	66.1	60.4	44.9	29.6	29.6
1-2 AM	99	0.0	15	0.0	1500	99	0	15	0.43	0	66.2	60.5	45.1	29.7	29.7
2-3 AM	81	0.0	13	0.0	1500	81	0	13	0.43	0	66.3	60.6	45.1	29.7	29.7
3-4 AM	91	0.0	14	0.0	1500	91	0	14	0.43	0	66.2	60.5	45.1	29.7	29.7
4-5 AM	146	0.0	23	0.0	1500	146	0	23	0.44	0	66.1	60.4	44.9	29.6	29.6
5-6 AM	235	0.0	36	0.0	1500	235	0	36	0.45	0	66.0	60.2	44.5	29.5	29.5
6-7 AM	418	0.0	64	0.0	1500	418	0	64	0.46	0	65.6	59.7	43.8	29.2	29.2
7-8 AM	622	0.0	95	0.0	1500	622	0	95	0.48	0	65.2	59.1	43.0	28.9	28.9
8-9 AM	893	0.0	136	0.0	1500	893	0	136	0.51	0	64.7	58.4	42.0	28.5	28.5
9-10 AM	1108	0.0	170	0.0	1500	1108	0	170	0.53	0	64.3	57.9	41.3	28.2	28.2
10-11 AM	1345	0.0	205	0.0	1500	1345	0	205	0.82	0	63.9	54.5	34.3	27.9	27.9
11A-NOON	1382	0.0	212	0.0	1500	1382	0	212	0.87	0	63.8	54.0	33.4	27.8	27.8
NOON-1PM	1402	0.0	214	0.0	1500	1402	0	214	0.90	0	63.8	53.7	32.9	27.8	27.8
1-2 PM	1477	0.0	226	0.0	1500	1477	0	226	0.99	0	63.7	52.7	31.2	27.6	27.6
2-3 PM	1443	0.0	221	0.0	1500	1443	0	221	0.95	0	63.7	53.2	32.0	27.7	27.7
3-4 PM	1358	0.0	208	0.0	1500	1358	0	208	0.84	0	63.8	54.3	34.0	27.8	27.8
4-5 PM	1226	0.0	187	0.0	1500	1226	0	187	0.67	0	64.1	56.2	37.6	28.0	28.0
5-6 PM	1023	0.0	157	0.0	1500	1023	0	157	0.52	0	64.5	58.1	41.6	28.3	28.3
6-7 PM	919	0.0	141	0.0	1500	919	0	141	0.51	0	64.6	58.4	42.0	28.5	28.5
7-8 PM	781	0.0	119	0.0	1500	781	0	119	0.50	0	65.0	58.7	42.5	28.7	28.7
8-9 PM	703	0.0	107	0.0	1500	703	0	107	0.49	0	65.1	58.9	42.7	28.8	28.8
9-10 PM	592	0.0	91	0.0	1500	592	0	91	0.48	0	65.3	59.2	43.2	28.9	28.9
10-11 PM	553	0.0	84	0.0	1500	553	0	84	0.48	0	65.3	59.3	43.3	29.0	29.0
11PM-MID	612	0.0	94	0.0	1500	612	0	94	0.48	0	65.3	59.2	43.1	28.9	28.9

*----- 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	0.0151
MAIN ROUTE WITH WORKS	0.0139
DIVERSION	0.0208

PIA: Personal Injury Accidents

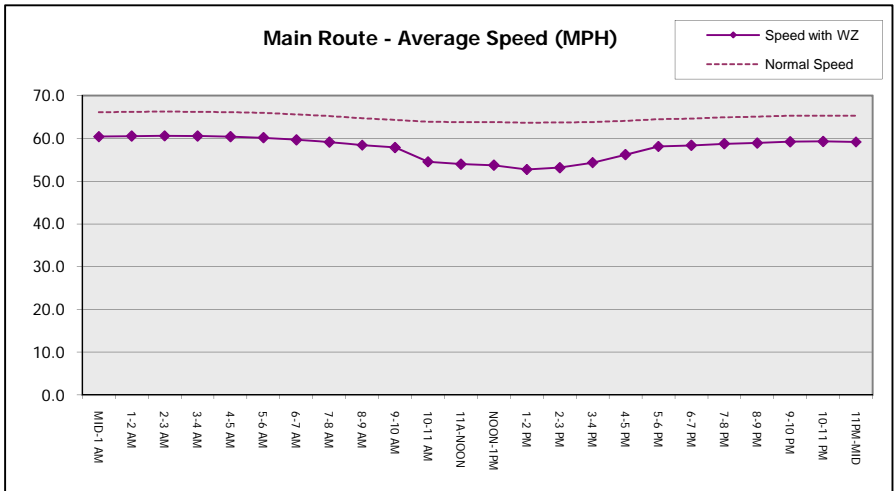
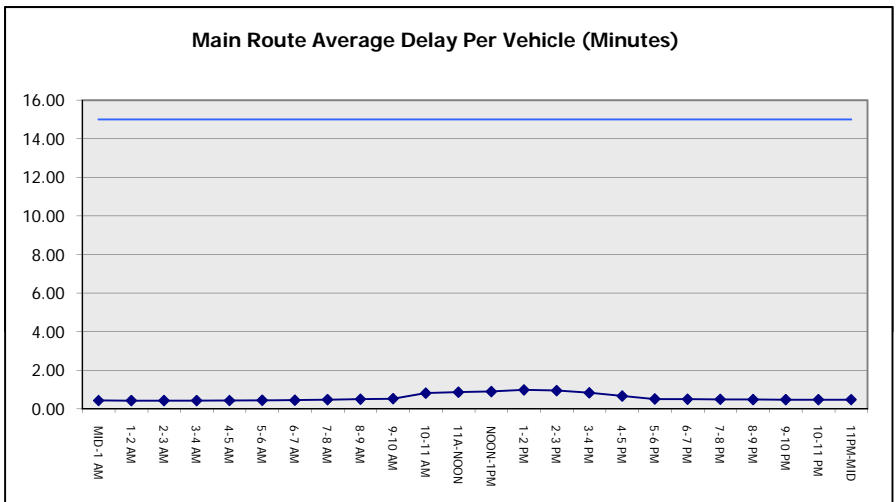
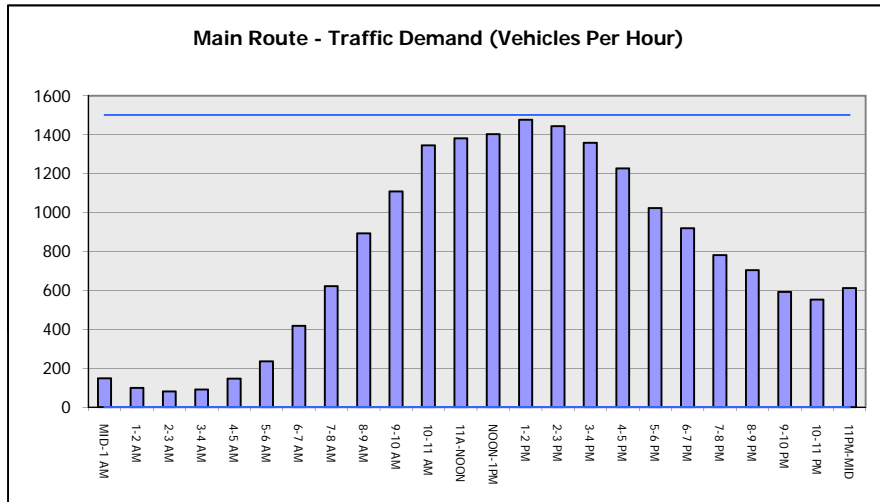
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$3,607
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

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**CONTINUOUS (24 HOUR) CLOSURE**  
**DIVERSION ROUTE: CTH KK - STH 175 - CTH B**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

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



<b>USH 41: USH 151 TO STH 67 (DODGE AND FOND DU LAC COUNTIES)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: CTH KK - STH 175 - CTH B</b>	<b>AUGUST</b> Analyzed for 2009 Construction Season
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<b>SUMMARY OF TRAFFIC MODEL OUTPUT</b>	
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	264	0.0	40	0.0	1500	264	0	40	0.45	0	65.9	60.1	44.4	29.4	29.4
1-2 AM	167	0.0	26	0.0	1500	167	0	26	0.44	0	66.1	60.4	44.8	29.6	29.6
2-3 AM	129	0.0	19	0.0	1500	129	0	19	0.43	0	66.1	60.5	45.0	29.6	29.6
3-4 AM	108	0.0	16	0.0	1500	108	0	16	0.43	0	66.2	60.5	45.1	29.7	29.7
4-5 AM	137	0.0	21	0.0	1500	137	0	21	0.44	0	66.1	60.4	45.0	29.6	29.6
5-6 AM	258	0.0	40	0.0	1500	258	0	40	0.45	0	65.9	60.1	44.5	29.4	29.4
6-7 AM	555	0.0	84	0.0	1500	555	0	84	0.48	0	65.3	59.3	43.3	29.0	29.0
7-8 AM	881	0.0	135	0.0	1500	881	0	135	0.51	0	64.8	58.4	42.1	28.5	28.5
8-9 AM	1250	0.0	191	0.0	1499	1250	0	191	0.70	0	64.1	55.9	37.1	28.0	28.0
9-10 AM	1603	0.0	245	0.0	1499	1603	0	245	2.14	33	63.4	43.9	30.8	27.4	27.4
10-11 AM	1809	0.0	277	0.0	1500	1656	152	429	8.79	216	63.0	22.4	30.8	27.2	25.7
11A-NOON	1725	0.0	264	0.0	1499	1478	247	511	10.06	244	63.2	20.6	30.8	27.3	25.0
NOON-1PM	1616	0.0	248	0.0	1500	1482	134	382	9.38	225	63.4	21.5	30.8	27.4	26.2
1-2 PM	1512	0.0	231	0.0	1500	1484	28	259	8.77	209	63.6	22.5	30.8	27.6	27.3
2-3 PM	1450	0.0	222	0.0	1499	1450	0	222	7.77	182	63.7	24.3	30.8	27.7	27.7
3-4 PM	1378	0.0	211	0.0	1499	1378	0	211	4.41	96	63.8	33.2	31.2	27.8	27.8
4-5 PM	1333	0.0	203	0.0	1500	1333	0	203	0.95	4	63.9	53.3	34.5	27.9	27.9
5-6 PM	1013	0.0	155	0.0	1500	1013	0	155	0.52	0	64.5	58.1	41.6	28.3	28.3
6-7 PM	883	0.0	135	0.0	1500	883	0	135	0.51	0	64.8	58.4	42.1	28.5	28.5
7-8 PM	709	0.0	108	0.0	1500	709	0	108	0.49	0	65.1	58.9	42.7	28.8	28.8
8-9 PM	623	0.0	95	0.0	1500	623	0	95	0.48	0	65.2	59.1	43.0	28.9	28.9
9-10 PM	584	0.0	90	0.0	1500	584	0	90	0.48	0	65.3	59.2	43.2	28.9	28.9
10-11 PM	512	0.0	78	0.0	1500	512	0	78	0.47	0	65.5	59.4	43.5	29.1	29.1
11PM-MID	312	0.0	48	0.0	1500	312	0	48	0.45	0	65.8	60.0	44.2	29.4	29.4

*----- 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	0.0169
MAIN ROUTE WITH WORKS	0.0151
DIVERSION	0.0273

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$24,767
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

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**CONTINUOUS (24 HOUR) CLOSURE**  
**DIVERSION ROUTE: CTH KK - STH 175 - CTH B**

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**SATURDAY NORTHBOUND DIRECTION**

