

**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**

**MAY**  
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	94	0.0	14	0.0	1500	94	0	14	0.43	0	66.2	60.5	45.1	29.7	29.7
1-2 AM	93	0.0	14	0.0	1500	93	0	14	0.43	0	66.2	60.5	45.1	29.7	29.7
2-3 AM	98	0.0	15	0.0	1500	98	0	15	0.43	0	66.2	60.5	45.1	29.7	29.7
3-4 AM	150	0.0	23	0.0	1500	150	0	23	0.44	0	66.1	60.4	44.9	29.6	29.6
4-5 AM	333	0.0	51	0.0	1500	333	0	51	0.45	0	65.8	59.9	44.2	29.3	29.3
5-6 AM	674	0.0	103	0.0	1500	674	0	103	0.49	0	65.1	59.0	42.8	28.8	28.8
6-7 AM	916	0.0	141	0.0	1500	916	0	141	0.51	0	64.7	58.4	42.0	28.5	28.5
7-8 AM	987	0.0	151	0.0	1500	987	0	151	0.52	0	64.5	58.2	41.7	28.4	28.4
8-9 AM	955	0.0	146	0.0	1500	955	0	146	0.51	0	64.6	58.2	41.9	28.4	28.4
9-10 AM	948	0.0	145	0.0	1500	948	0	145	0.51	0	64.6	58.3	41.9	28.4	28.4
10-11 AM	947	0.0	145	0.0	1500	947	0	145	0.51	0	64.6	58.3	41.9	28.4	28.4
11A-NOON	1040	0.0	159	0.0	1500	1040	0	159	0.52	0	64.5	58.1	41.5	28.3	28.3
NOON-1PM	1084	0.0	165	0.0	1500	1084	0	165	0.53	0	64.3	57.9	41.4	28.3	28.3
1-2 PM	1243	0.0	190	0.0	1500	1243	0	190	0.69	0	64.1	56.0	37.1	28.0	28.0
2-3 PM	1297	0.0	199	0.0	1500	1297	0	199	0.76	0	64.0	55.1	35.6	27.9	27.9
3-4 PM	1420	0.0	217	0.0	1499	1420	0	217	0.92	0	63.7	53.5	32.5	27.8	27.8
4-5 PM	1507	0.0	230	0.0	1499	1507	0	230	1.29	7	63.6	50.1	30.8	27.6	27.6
5-6 PM	1304	0.0	199	0.0	1500	1304	0	199	0.78	0	64.0	55.0	35.5	27.9	27.9
6-7 PM	1001	0.0	154	0.0	1500	1001	0	154	0.52	0	64.5	58.1	41.7	28.4	28.4
7-8 PM	741	0.0	114	0.0	1500	741	0	114	0.49	0	65.0	58.8	42.6	28.8	28.8
8-9 PM	592	0.0	91	0.0	1500	592	0	91	0.48	0	65.3	59.2	43.2	28.9	28.9
9-10 PM	494	0.0	76	0.0	1500	494	0	76	0.47	0	65.5	59.5	43.5	29.1	29.1
10-11 PM	345	0.0	53	0.0	1500	345	0	53	0.46	0	65.8	59.9	44.1	29.3	29.3
11PM-MID	221	0.0	34	0.0	1500	221	0	34	0.44	0	66.0	60.2	44.6	29.5	29.5

*----- 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	0.0150
MAIN ROUTE WITH WORKS	0.0138
DIVERSION	0.0206

PIA: Personal Injury Accidents

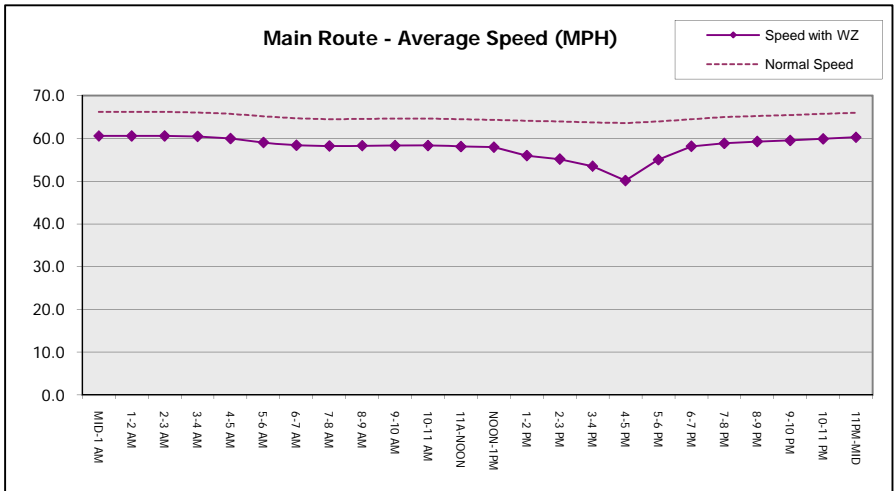
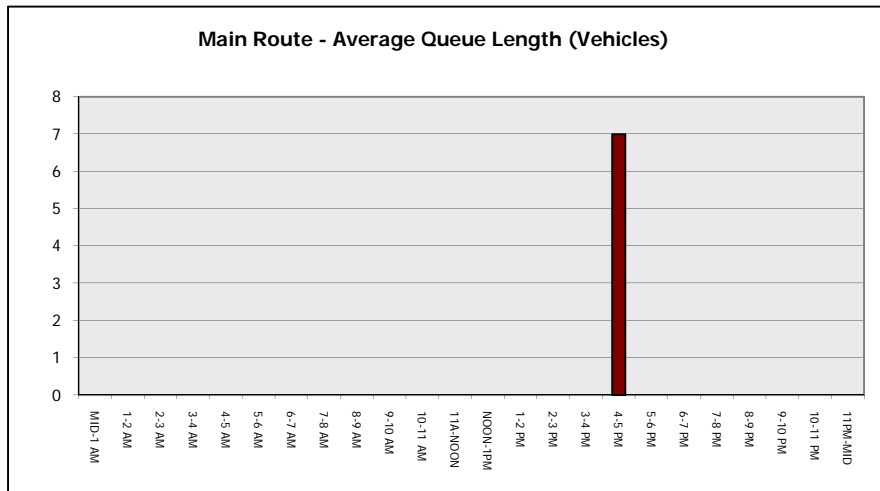
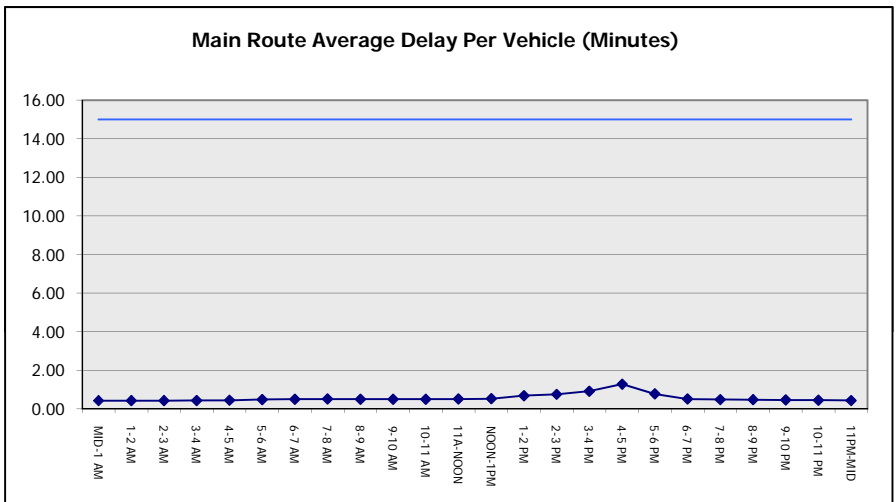
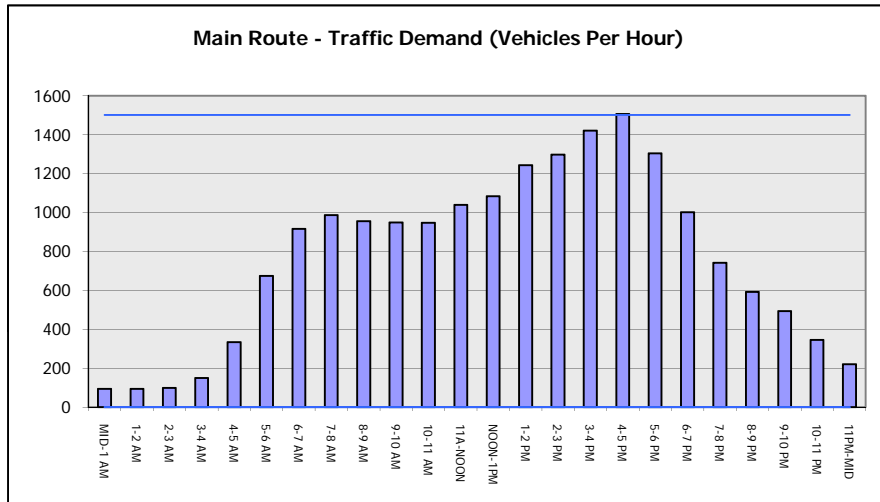
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$2,881
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

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

**MAY**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**FRIDAY 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>MAY</b> Analyzed for 2009 Construction Season
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<b>SUMMARY OF TRAFFIC MODEL OUTPUT</b>	
FRIDAY	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		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	178	0.0	27	0.0	1500	178	0	27	0.44	0	66.1	60.3	44.8	29.6	29.6
1-2 AM	144	0.0	22	0.0	1500	144	0	22	0.44	0	66.1	60.4	44.9	29.6	29.6
2-3 AM	124	0.0	18	0.0	1500	124	0	18	0.43	0	66.1	60.5	45.0	29.6	29.6
3-4 AM	136	0.0	21	0.0	1500	136	0	21	0.44	0	66.1	60.4	45.0	29.6	29.6
4-5 AM	243	0.0	37	0.0	1500	243	0	37	0.45	0	66.0	60.2	44.5	29.4	29.4
5-6 AM	512	0.0	78	0.0	1500	512	0	78	0.47	0	65.5	59.4	43.5	29.1	29.1
6-7 AM	1016	0.0	156	0.0	1500	1016	0	156	0.52	0	64.5	58.1	41.6	28.3	28.3
7-8 AM	1201	0.0	184	0.0	1500	1201	0	184	0.64	0	64.1	56.6	38.4	28.1	28.1
8-9 AM	1166	0.0	178	0.0	1500	1166	0	178	0.59	0	64.2	57.1	39.6	28.1	28.1
9-10 AM	1288	0.0	197	0.0	1500	1288	0	197	0.75	0	64.0	55.3	35.8	27.9	27.9
10-11 AM	1376	0.0	211	0.0	1500	1376	0	211	0.86	0	63.8	54.1	33.5	27.8	27.8
11A-NOON	1388	0.0	212	0.0	1499	1388	0	212	0.88	0	63.8	53.9	33.3	27.8	27.8
NOON-1PM	1539	0.0	236	0.0	1499	1539	0	236	1.38	10	63.5	49.4	30.9	27.6	27.6
1-2 PM	1748	0.0	267	0.0	1500	1723	25	292	6.16	150	63.2	27.8	30.8	27.3	27.0
2-3 PM	1861	0.0	284	0.0	1499	1513	348	633	10.76	264	62.9	19.6	30.8	27.1	23.8
3-4 PM	2207	0.0	337	0.0	1500	1585	622	960	13.06	328	62.3	17.0	30.8	26.6	20.7
4-5 PM	2418	0.0	370	0.0	1500	1554	864	1234+	15.61	397	61.7	14.9	30.8	26.3	18.1
5-6 PM	2347	0.0	359	0.0	1499	1462	886	1245+	15.74	400	62.0	14.8	30.8	26.4	18.0
6-7 PM	1999	0.0	306	0.0	1499	1394	605	911	12.70	318	62.7	17.4	30.8	26.9	21.2
7-8 PM	1388	0.0	212	0.0	1500	1314	74	286	7.65	186	63.8	24.6	31.4	27.8	27.1
8-9 PM	956	0.0	146	0.0	1500	956	0	146	0.74	7	64.6	55.8	41.8	28.4	28.4
9-10 PM	696	0.0	106	0.0	1500	696	0	106	0.49	0	65.1	58.9	42.8	28.8	28.8
10-11 PM	561	0.0	85	0.0	1500	561	0	85	0.48	0	65.3	59.3	43.3	29.0	29.0
11PM-MID	391	0.0	59	0.0	1500	391	0	59	0.46	0	65.6	59.7	43.9	29.2	29.2

+ INDICATES DIVERSION FLOW EXCEEDS USER-SPECIFIED WARNING LIMIT

*----- 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	0.0218
MAIN ROUTE WITH WORKS	0.0175
DIVERSION	0.0549

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$43,242
CONGESTED HOURS PER DAY*	2

\*Delays Exceeding 15 Minutes

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

**MAY**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**

**FRIDAY NORTHBOUND DIRECTION**

