

**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

MON-THUR 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	105	0.0	16	0.0	1500	105	0	16	0.43	0	66.2	60.5	45.1	29.7	29.7
1-2 AM	89	0.0	14	0.0	1500	89	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	162	0.0	25	0.0	1500	162	0	25	0.44	0	66.1	60.4	44.8	29.6	29.6
4-5 AM	360	0.0	55	0.0	1500	360	0	55	0.46	0	65.7	59.9	44.0	29.3	29.3
5-6 AM	776	0.0	119	0.0	1500	776	0	119	0.50	0	65.0	58.7	42.5	28.7	28.7
6-7 AM	1045	0.0	160	0.0	1500	1045	0	160	0.52	0	64.5	58.1	41.5	28.3	28.3
7-8 AM	1052	0.0	161	0.0	1500	1052	0	161	0.52	0	64.4	58.0	41.5	28.3	28.3
8-9 AM	998	0.0	152	0.0	1500	998	0	152	0.52	0	64.5	58.2	41.7	28.4	28.4
9-10 AM	1006	0.0	154	0.0	1500	1006	0	154	0.52	0	64.5	58.1	41.7	28.4	28.4
10-11 AM	1012	0.0	155	0.0	1500	1012	0	155	0.52	0	64.5	58.1	41.6	28.3	28.3
11A-NOON	1041	0.0	159	0.0	1500	1041	0	159	0.52	0	64.5	58.1	41.5	28.3	28.3
NOON-1PM	1069	0.0	164	0.0	1500	1069	0	164	0.53	0	64.4	58.0	41.4	28.3	28.3
1-2 PM	1137	0.0	174	0.0	1500	1137	0	174	0.56	0	64.3	57.6	40.6	28.1	28.1
2-3 PM	1198	0.0	184	0.0	1500	1198	0	184	0.63	0	64.1	56.6	38.5	28.1	28.1
3-4 PM	1246	0.0	190	0.0	1500	1246	0	190	0.70	0	64.1	55.9	37.1	28.0	28.0
4-5 PM	1334	0.0	204	0.0	1500	1334	0	204	0.81	0	63.9	54.6	34.6	27.9	27.9
5-6 PM	1146	0.0	175	0.0	1500	1146	0	175	0.57	0	64.3	57.4	40.2	28.1	28.1
6-7 PM	909	0.0	139	0.0	1500	909	0	139	0.51	0	64.7	58.4	42.0	28.5	28.5
7-8 PM	660	0.0	101	0.0	1500	660	0	101	0.49	0	65.1	59.1	42.9	28.9	28.9
8-9 PM	570	0.0	88	0.0	1500	570	0	88	0.48	0	65.3	59.3	43.2	29.0	29.0
9-10 PM	430	0.0	66	0.0	1500	430	0	66	0.46	0	65.6	59.7	43.8	29.2	29.2
10-11 PM	283	0.0	43	0.0	1500	283	0	43	0.45	0	65.9	60.1	44.3	29.4	29.4
11PM-MID	199	0.0	30	0.0	1500	199	0	30	0.44	0	66.0	60.3	44.7	29.5	29.5

----- 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	0.0146
MAIN ROUTE WITH WORKS	0.0134
DIVERSION	0.0200

PIA: Personal Injury Accidents

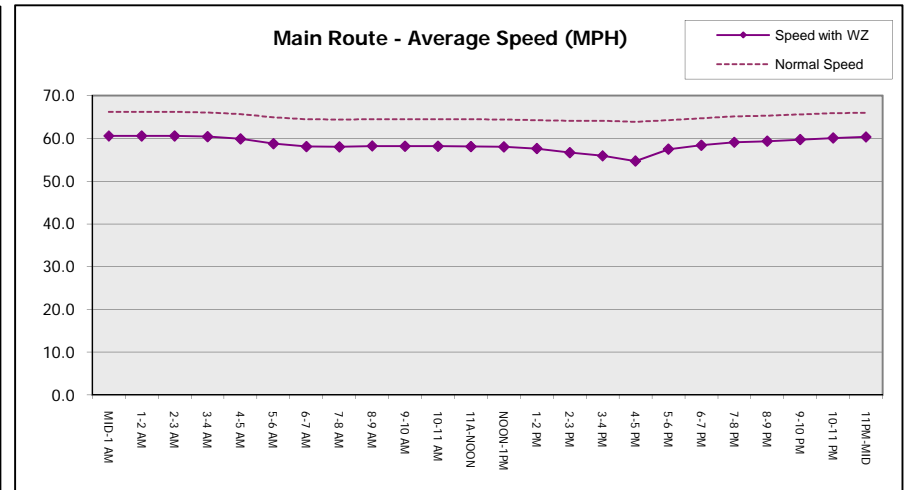
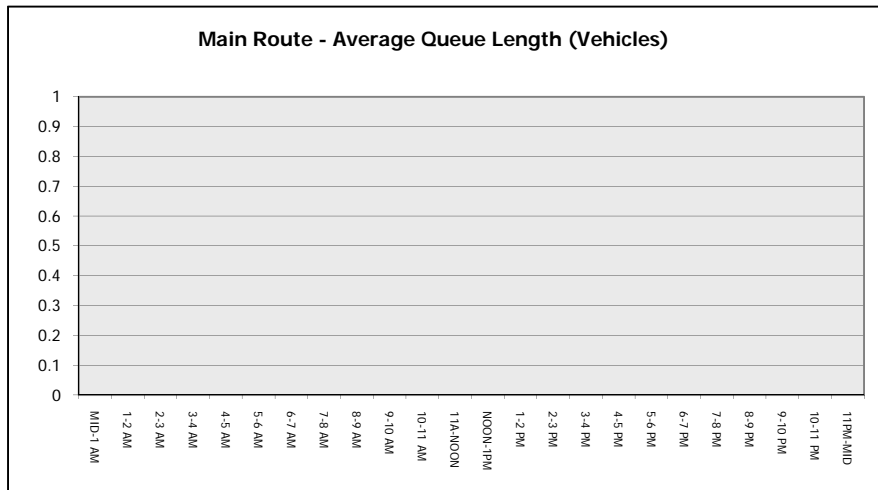
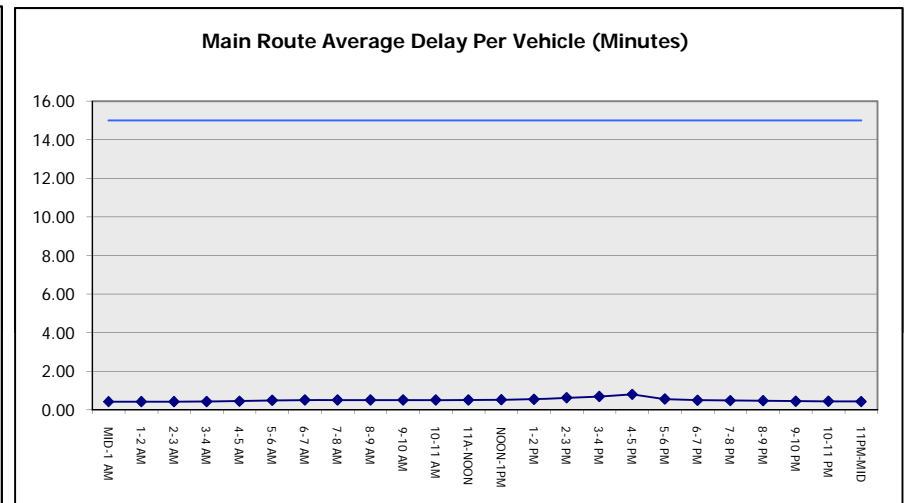
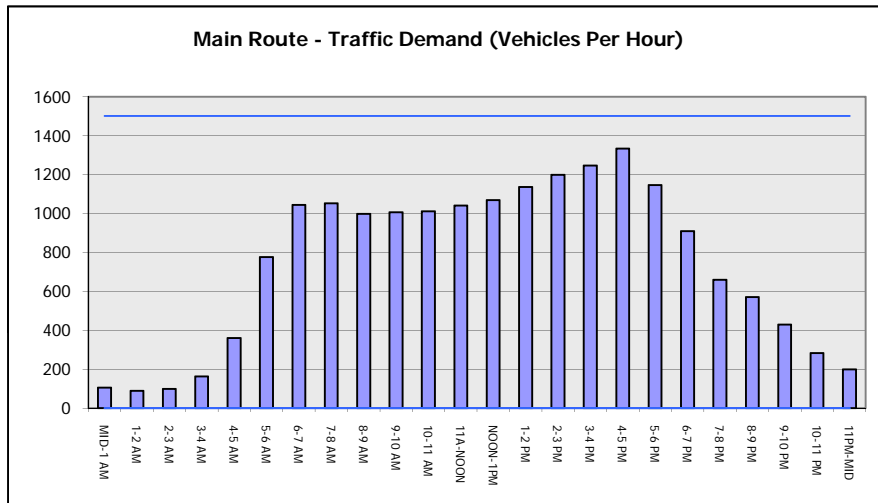
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,025
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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

AUGUST
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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR SOUTHBOUND DIRECTION



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

MON-THUR 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	174	0.0	27	0.0	1500	174	0	27	0.44	0	66.1	60.4	44.8	29.6	29.6
1-2 AM	138	0.0	22	0.0	1500	138	0	22	0.44	0	66.1	60.4	45.0	29.6	29.6
2-3 AM	110	0.0	17	0.0	1500	110	0	17	0.43	0	66.2	60.5	45.0	29.6	29.6
3-4 AM	106	0.0	16	0.0	1500	106	0	16	0.43	0	66.2	60.5	45.1	29.7	29.7
4-5 AM	203	0.0	31	0.0	1500	203	0	31	0.44	0	66.0	60.2	44.6	29.5	29.5
5-6 AM	444	0.0	68	0.0	1500	444	0	68	0.47	0	65.6	59.6	43.7	29.2	29.2
6-7 AM	932	0.0	143	0.0	1500	932	0	143	0.51	0	64.6	58.3	41.9	28.4	28.4
7-8 AM	1062	0.0	162	0.0	1500	1062	0	162	0.53	0	64.4	58.0	41.5	28.3	28.3
8-9 AM	983	0.0	150	0.0	1500	983	0	150	0.52	0	64.6	58.2	41.7	28.4	28.4
9-10 AM	1048	0.0	160	0.0	1500	1048	0	160	0.52	0	64.5	58.0	41.5	28.3	28.3
10-11 AM	1091	0.0	166	0.0	1500	1091	0	166	0.53	0	64.3	57.9	41.4	28.3	28.3
11A-NOON	1048	0.0	160	0.0	1500	1048	0	160	0.52	0	64.5	58.0	41.5	28.3	28.3
NOON-1PM	1017	0.0	156	0.0	1500	1017	0	156	0.52	0	64.5	58.1	41.6	28.3	28.3
1-2 PM	1087	0.0	166	0.0	1500	1087	0	166	0.53	0	64.3	57.9	41.4	28.3	28.3
2-3 PM	1228	0.0	187	0.0	1500	1228	0	187	0.67	0	64.1	56.2	37.6	28.0	28.0
3-4 PM	1436	0.0	219	0.0	1500	1436	0	219	0.94	0	63.7	53.3	32.2	27.7	27.7
4-5 PM	1453	0.0	222	0.0	1500	1453	0	222	0.96	0	63.7	53.0	31.7	27.7	27.7
5-6 PM	1254	0.0	190	0.0	1500	1254	0	190	0.71	0	64.0	55.8	36.8	28.0	28.0
6-7 PM	929	0.0	142	0.0	1500	929	0	142	0.51	0	64.6	58.3	41.9	28.4	28.4
7-8 PM	668	0.0	102	0.0	1500	668	0	102	0.49	0	65.1	59.0	42.8	28.8	28.8
8-9 PM	556	0.0	84	0.0	1500	556	0	84	0.48	0	65.3	59.3	43.3	29.0	29.0
9-10 PM	434	0.0	66	0.0	1500	434	0	66	0.46	0	65.6	59.6	43.8	29.2	29.2
10-11 PM	343	0.0	52	0.0	1500	343	0	52	0.46	0	65.8	59.9	44.1	29.3	29.3
11PM-MID	282	0.0	43	0.0	1500	282	0	43	0.45	0	65.9	60.1	44.3	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	0.0146
MAIN ROUTE WITH WORKS	0.0134
DIVERSION	0.0201

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,202
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

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MON-THUR NORTHBOUND DIRECTION

