

**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**

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	224	0.0	35	0.0	1500	224	0	35	0.44	0	66.0	60.2	44.6	29.5	29.5
1-2 AM	142	0.0	22	0.0	1500	142	0	22	0.44	0	66.1	60.4	44.9	29.6	29.6
2-3 AM	103	0.0	16	0.0	1500	103	0	16	0.43	0	66.2	60.5	45.1	29.7	29.7
3-4 AM	86	0.0	13	0.0	1500	86	0	13	0.43	0	66.2	60.5	45.1	29.7	29.7
4-5 AM	86	0.0	13	0.0	1500	86	0	13	0.43	0	66.2	60.5	45.1	29.7	29.7
5-6 AM	135	0.0	21	0.0	1500	135	0	21	0.44	0	66.1	60.4	45.0	29.6	29.6
6-7 AM	211	0.0	32	0.0	1500	211	0	32	0.44	0	66.0	60.2	44.6	29.5	29.5
7-8 AM	423	0.0	65	0.0	1500	423	0	65	0.46	0	65.6	59.7	43.8	29.2	29.2
8-9 AM	552	0.0	84	0.0	1500	552	0	84	0.48	0	65.3	59.3	43.3	29.0	29.0
9-10 AM	763	0.0	117	0.0	1500	763	0	117	0.50	0	65.0	58.7	42.5	28.7	28.7
10-11 AM	953	0.0	146	0.0	1500	953	0	146	0.51	0	64.6	58.2	41.9	28.4	28.4
11A-NOON	1066	0.0	163	0.0	1500	1066	0	163	0.53	0	64.4	58.0	41.4	28.3	28.3
NOON-1PM	1135	0.0	174	0.0	1500	1135	0	174	0.55	0	64.3	57.6	40.6	28.1	28.1
1-2 PM	1093	0.0	168	0.0	1500	1093	0	168	0.53	0	64.3	57.9	41.4	28.2	28.2
2-3 PM	1204	0.0	184	0.0	1500	1204	0	184	0.64	0	64.1	56.5	38.3	28.1	28.1
3-4 PM	1131	0.0	173	0.0	1500	1131	0	173	0.55	0	64.3	57.6	40.8	28.2	28.2
4-5 PM	1167	0.0	178	0.0	1500	1167	0	178	0.59	0	64.2	57.1	39.6	28.1	28.1
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	1053	0.0	161	0.0	1500	1053	0	161	0.52	0	64.4	58.0	41.5	28.3	28.3
7-8 PM	945	0.0	145	0.0	1500	945	0	145	0.51	0	64.6	58.3	41.9	28.4	28.4
8-9 PM	758	0.0	116	0.0	1500	758	0	116	0.50	0	65.0	58.8	42.5	28.7	28.7
9-10 PM	665	0.0	102	0.0	1500	665	0	102	0.49	0	65.1	59.0	42.9	28.8	28.8
10-11 PM	543	0.0	83	0.0	1500	543	0	83	0.48	0	65.4	59.4	43.3	29.0	29.0
11PM-MID	364	0.0	56	0.0	1500	364	0	56	0.46	0	65.7	59.8	44.0	29.2	29.2

----- 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	0.0129
MAIN ROUTE WITH WORKS	0.0119
DIVERSION	0.0178

PIA: Personal Injury Accidents

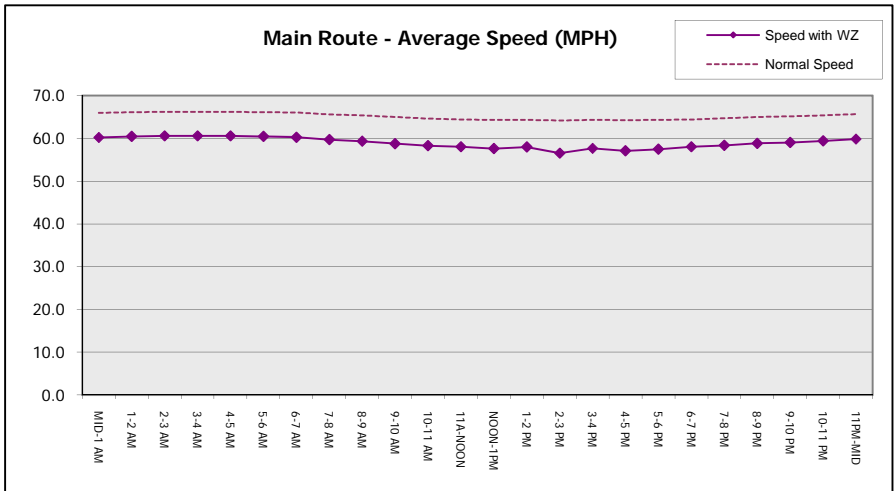
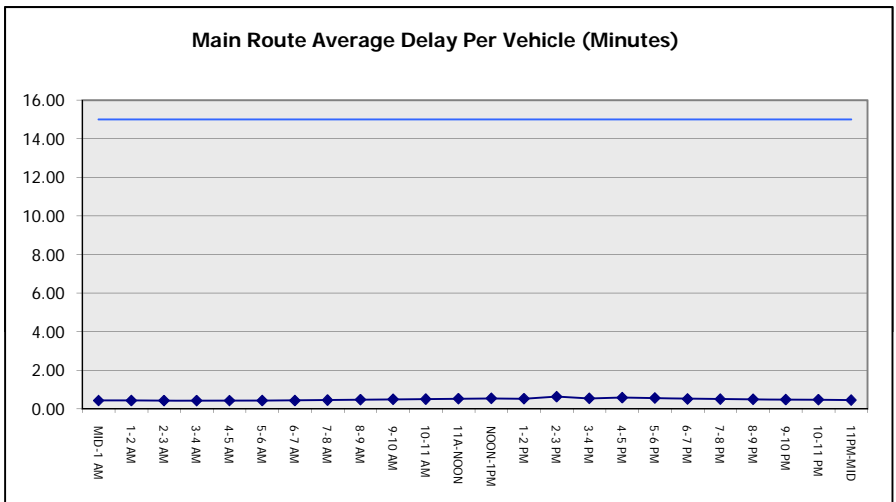
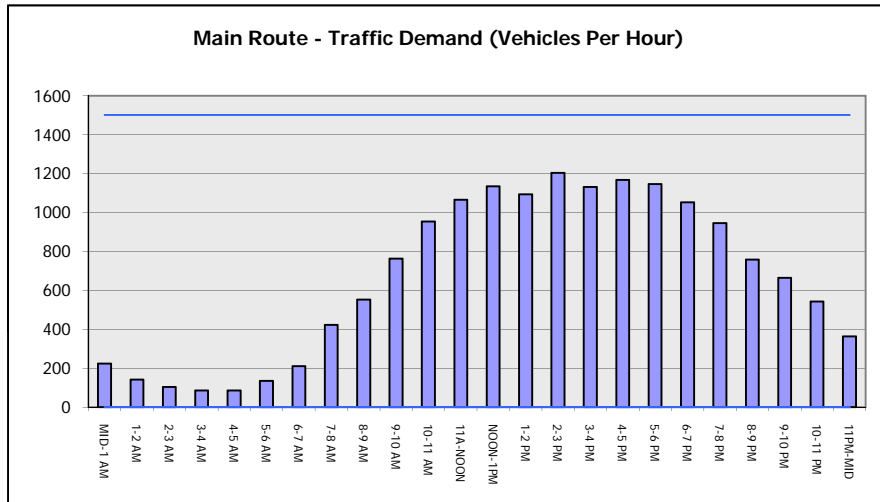
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,173
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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

OCTOBER
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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY 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	OCTOBER
	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	331	0.0	51	0.0	1500	331	0	51	0.45	0	65.8	59.9	44.2	29.3	29.3
1-2 AM	222	0.0	34	0.0	1500	222	0	34	0.44	0	66.0	60.2	44.6	29.5	29.5
2-3 AM	136	0.0	21	0.0	1500	136	0	21	0.44	0	66.1	60.4	45.0	29.6	29.6
3-4 AM	104	0.0	16	0.0	1500	104	0	16	0.43	0	66.2	60.5	45.1	29.7	29.7
4-5 AM	98	0.0	15	0.0	1500	98	0	15	0.43	0	66.2	60.5	45.1	29.7	29.7
5-6 AM	150	0.0	23	0.0	1500	150	0	23	0.44	0	66.1	60.4	44.9	29.6	29.6
6-7 AM	253	0.0	39	0.0	1500	253	0	39	0.45	0	65.9	60.1	44.5	29.4	29.4
7-8 AM	485	0.0	75	0.0	1500	485	0	75	0.47	0	65.5	59.5	43.6	29.1	29.1
8-9 AM	758	0.0	116	0.0	1500	758	0	116	0.50	0	65.0	58.8	42.5	28.7	28.7
9-10 AM	1020	0.0	156	0.0	1500	1020	0	156	0.52	0	64.5	58.1	41.6	28.3	28.3
10-11 AM	1328	0.0	203	0.0	1500	1328	0	203	0.80	0	63.9	54.7	34.8	27.9	27.9
11A-NOON	1442	0.0	221	0.0	1500	1442	0	221	0.95	0	63.7	53.2	32.0	27.7	27.7
NOON-1PM	1417	0.0	216	0.0	1500	1417	0	216	0.92	0	63.7	53.5	32.5	27.8	27.8
1-2 PM	1361	0.0	209	0.0	1500	1361	0	209	0.84	0	63.8	54.3	33.9	27.8	27.8
2-3 PM	1190	0.0	182	0.0	1500	1190	0	182	0.62	0	64.1	56.8	38.8	28.1	28.1
3-4 PM	1112	0.0	170	0.0	1500	1112	0	170	0.53	0	64.3	57.9	41.3	28.2	28.2
4-5 PM	1167	0.0	178	0.0	1500	1167	0	178	0.59	0	64.2	57.1	39.6	28.1	28.1
5-6 PM	1111	0.0	170	0.0	1500	1111	0	170	0.53	0	64.3	57.9	41.3	28.2	28.2
6-7 PM	1006	0.0	154	0.0	1500	1006	0	154	0.52	0	64.5	58.1	41.7	28.4	28.4
7-8 PM	906	0.0	138	0.0	1500	906	0	138	0.51	0	64.7	58.4	42.0	28.5	28.5
8-9 PM	762	0.0	117	0.0	1500	762	0	117	0.50	0	65.0	58.7	42.5	28.7	28.7
9-10 PM	597	0.0	91	0.0	1500	597	0	91	0.48	0	65.3	59.2	43.2	28.9	28.9
10-11 PM	482	0.0	74	0.0	1500	482	0	74	0.47	0	65.5	59.5	43.6	29.1	29.1
11PM-MID	376	0.0	57	0.0	1500	376	0	57	0.46	0	65.7	59.8	44.0	29.2	29.2

----- 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	0.0145
MAIN ROUTE WITH WORKS	0.0133
DIVERSION	0.0198

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,900
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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