

**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

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	151	0.0	23	0.0	1500	151	0	23	0.44	0	66.1	60.4	44.9	29.6	29.6
1-2 AM	105	0.0	16	0.0	1500	105	0	16	0.43	0	66.2	60.5	45.1	29.7	29.7
2-3 AM	76	0.0	12	0.0	1500	76	0	12	0.43	0	66.3	60.6	45.2	29.7	29.7
3-4 AM	93	0.0	14	0.0	1500	93	0	14	0.43	0	66.2	60.5	45.1	29.7	29.7
4-5 AM	126	0.0	19	0.0	1500	126	0	19	0.43	0	66.1	60.5	45.0	29.6	29.6
5-6 AM	274	0.0	42	0.0	1500	274	0	42	0.45	0	65.9	60.1	44.4	29.4	29.4
6-7 AM	658	0.0	101	0.0	1500	658	0	101	0.49	0	65.1	59.1	42.9	28.9	28.9
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	1051	0.0	161	0.0	1500	1051	0	161	0.52	0	64.4	58.0	41.5	28.3	28.3
9-10 AM	955	0.0	146	0.0	1500	955	0	146	0.51	0	64.6	58.2	41.9	28.4	28.4
10-11 AM	874	0.0	134	0.0	1500	874	0	134	0.51	0	64.8	58.5	42.1	28.5	28.5
11A-NOON	878	0.0	134	0.0	1500	878	0	134	0.51	0	64.8	58.5	42.1	28.5	28.5
NOON-1PM	912	0.0	139	0.0	1500	912	0	139	0.51	0	64.7	58.4	42.0	28.5	28.5
1-2 PM	964	0.0	148	0.0	1500	964	0	148	0.52	0	64.6	58.2	41.8	28.4	28.4
2-3 PM	1029	0.0	158	0.0	1500	1029	0	158	0.52	0	64.5	58.1	41.5	28.3	28.3
3-4 PM	1094	0.0	168	0.0	1500	1094	0	168	0.53	0	64.3	57.9	41.4	28.2	28.2
4-5 PM	1190	0.0	182	0.0	1500	1190	0	182	0.62	0	64.1	56.8	38.8	28.1	28.1
5-6 PM	1234	0.0	189	0.0	1500	1234	0	189	0.68	0	64.1	56.1	37.4	28.0	28.0
6-7 PM	1094	0.0	168	0.0	1500	1094	0	168	0.53	0	64.3	57.9	41.4	28.2	28.2
7-8 PM	872	0.0	134	0.0	1500	872	0	134	0.51	0	64.8	58.5	42.1	28.5	28.5
8-9 PM	602	0.0	92	0.0	1500	602	0	92	0.48	0	65.3	59.2	43.1	28.9	28.9
9-10 PM	518	0.0	79	0.0	1500	518	0	79	0.47	0	65.4	59.4	43.4	29.1	29.1
10-11 PM	398	0.0	61	0.0	1500	398	0	61	0.46	0	65.6	59.7	43.9	29.2	29.2
11PM-MID	244	0.0	38	0.0	1500	244	0	38	0.45	0	66.0	60.2	44.5	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	0.0134
MAIN ROUTE WITH WORKS	0.0123
DIVERSION	0.0183

PIA: Personal Injury Accidents

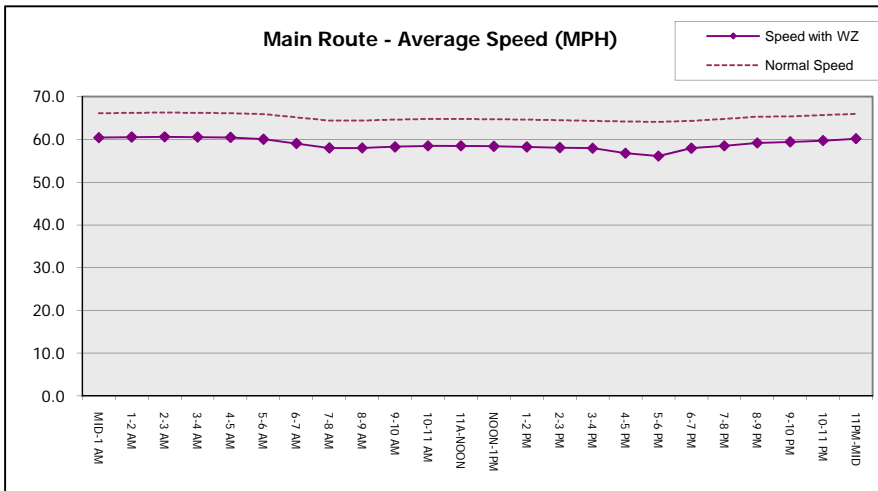
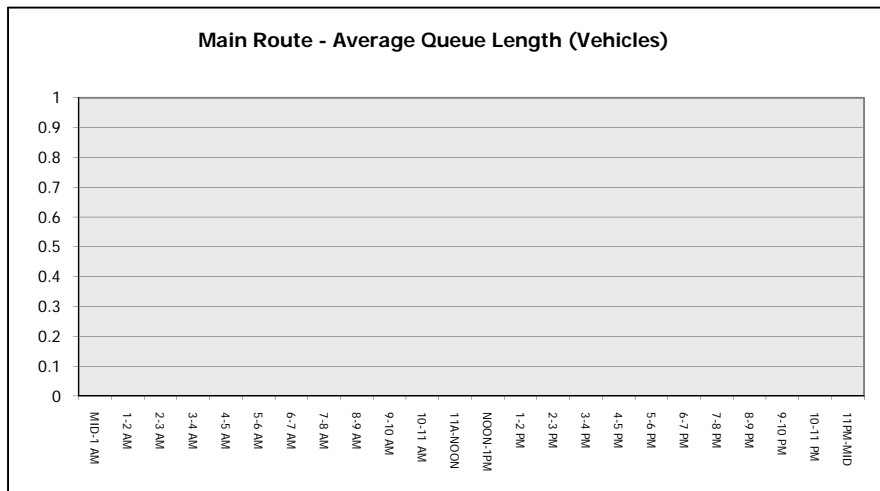
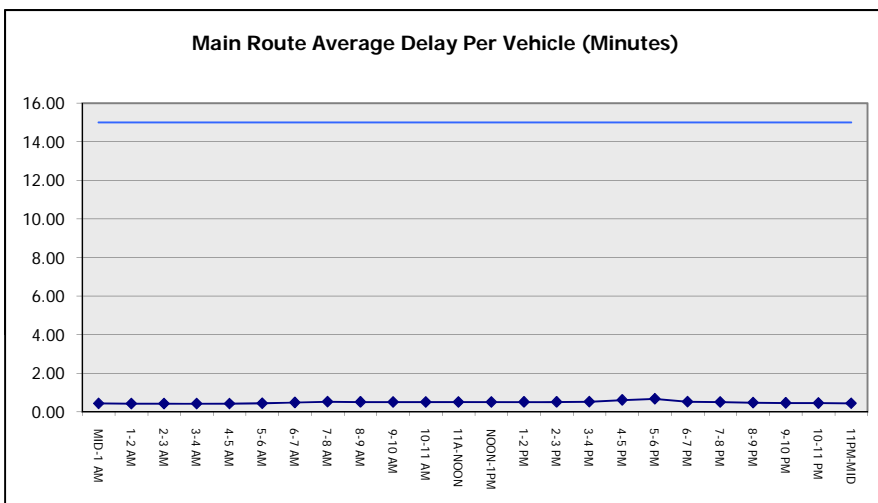
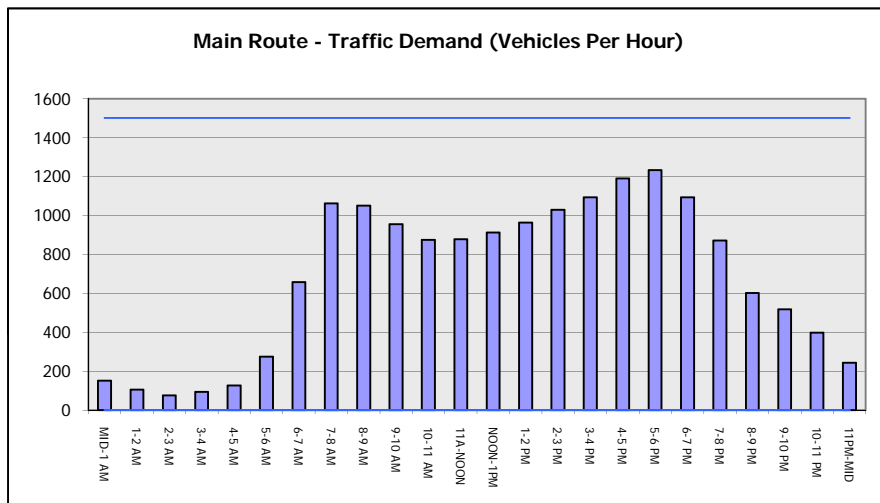
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,759
CONGESTED HOURS PER DAY*	0

*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
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	OCTOBER
	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	191	0.0	29	0.0	1500	191	0	29	0.44	0	66.0	60.3	44.7	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	116	0.0	18	0.0	1500	116	0	18	0.43	0	66.2	60.5	45.0	29.6	29.6
3-4 AM	105	0.0	16	0.0	1500	105	0	16	0.43	0	66.2	60.5	45.1	29.7	29.7
4-5 AM	100	0.0	15	0.0	1500	100	0	15	0.43	0	66.2	60.5	45.1	29.7	29.7
5-6 AM	173	0.0	26	0.0	1500	173	0	26	0.44	0	66.1	60.4	44.8	29.6	29.6
6-7 AM	372	0.0	57	0.0	1500	372	0	57	0.46	0	65.7	59.8	44.0	29.2	29.2
7-8 AM	798	0.0	122	0.0	1500	798	0	122	0.50	0	64.9	58.7	42.4	28.6	28.6
8-9 AM	1160	0.0	177	0.0	1500	1160	0	177	0.58	0	64.2	57.2	39.7	28.1	28.1
9-10 AM	1007	0.0	155	0.0	1500	1007	0	155	0.52	0	64.5	58.1	41.7	28.3	28.3
10-11 AM	991	0.0	151	0.0	1500	991	0	151	0.52	0	64.5	58.2	41.7	28.4	28.4
11A-NOON	958	0.0	146	0.0	1500	958	0	146	0.52	0	64.6	58.2	41.9	28.4	28.4
NOON-1PM	925	0.0	142	0.0	1500	925	0	142	0.51	0	64.6	58.4	41.9	28.4	28.4
1-2 PM	918	0.0	141	0.0	1500	918	0	141	0.51	0	64.6	58.4	42.0	28.5	28.5
2-3 PM	949	0.0	145	0.0	1500	949	0	145	0.51	0	64.6	58.3	41.9	28.4	28.4
3-4 PM	1059	0.0	162	0.0	1500	1059	0	162	0.52	0	64.4	58.0	41.5	28.3	28.3
4-5 PM	1269	0.0	194	0.0	1500	1269	0	194	0.73	0	64.0	55.6	36.4	27.9	27.9
5-6 PM	1383	0.0	212	0.0	1500	1383	0	212	0.87	0	63.8	54.0	33.3	27.8	27.8
6-7 PM	1258	0.0	192	0.0	1500	1258	0	192	0.71	0	64.0	55.8	36.7	28.0	28.0
7-8 PM	859	0.0	132	0.0	1500	859	0	132	0.51	0	64.8	58.5	42.2	28.6	28.6
8-9 PM	611	0.0	93	0.0	1500	611	0	93	0.48	0	65.3	59.2	43.1	28.9	28.9
9-10 PM	450	0.0	68	0.0	1500	450	0	68	0.47	0	65.6	59.6	43.7	29.2	29.2
10-11 PM	366	0.0	56	0.0	1500	366	0	56	0.46	0	65.7	59.8	44.0	29.2	29.2
11PM-MID	289	0.0	44	0.0	1500	289	0	44	0.45	0	65.8	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	0.0134
MAIN ROUTE WITH WORKS	0.0123
DIVERSION	0.0183

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,900
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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

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MON-THUR NORTHBOUND DIRECTION

