

USH 151: CTH G TO CTH S (DODGE COUNTY) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: CTH G - CTH S	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	62	0.0	4	0.0	1500	62	0	4	0.50	0	63.8	59.4	41.8	24.8	24.8
1-2 AM	44	0.0	3	0.0	1500	44	0	3	0.50	0	63.8	59.5	41.9	24.8	24.8
2-3 AM	56	0.0	3	0.0	1500	56	0	3	0.50	0	63.8	59.4	41.8	24.8	24.8
3-4 AM	111	0.0	8	0.0	1500	111	0	8	0.51	0	63.7	59.3	41.6	24.8	24.8
4-5 AM	329	0.0	22	0.0	1500	329	0	22	0.53	0	63.3	58.8	40.9	24.7	24.7
5-6 AM	571	0.0	38	0.0	1500	571	0	38	0.55	0	62.8	58.2	40.1	24.5	24.5
6-7 AM	719	0.0	48	0.0	1500	719	0	48	0.57	0	62.5	57.9	39.6	24.5	24.5
7-8 AM	661	0.0	43	0.0	1500	661	0	43	0.56	0	62.7	58.0	39.7	24.5	24.5
8-9 AM	575	0.0	38	0.0	1500	575	0	38	0.55	0	62.8	58.2	40.1	24.5	24.5
9-10 AM	566	0.0	37	0.0	1500	566	0	37	0.55	0	62.8	58.2	40.1	24.5	24.5
10-11 AM	579	0.0	38	0.0	1500	579	0	38	0.55	0	62.8	58.2	40.1	24.5	24.5
11A-NOON	570	0.0	38	0.0	1500	570	0	38	0.55	0	62.8	58.2	40.1	24.5	24.5
NOON-1PM	580	0.0	38	0.0	1500	580	0	38	0.55	0	62.8	58.2	40.1	24.5	24.5
1-2 PM	616	0.0	40	0.0	1500	616	0	40	0.56	0	62.8	58.1	39.9	24.5	24.5
2-3 PM	641	0.0	42	0.0	1500	641	0	42	0.56	0	62.7	58.1	39.8	24.5	24.5
3-4 PM	680	0.0	44	0.0	1500	680	0	44	0.56	0	62.7	57.9	39.7	24.5	24.5
4-5 PM	658	0.0	43	0.0	1500	658	0	43	0.56	0	62.7	58.0	39.8	24.5	24.5
5-6 PM	479	0.0	31	0.0	1500	479	0	31	0.54	0	63.0	58.4	40.4	24.6	24.6
6-7 PM	364	0.0	24	0.0	1500	364	0	24	0.53	0	63.2	58.7	40.7	24.7	24.7
7-8 PM	289	0.0	19	0.0	1500	289	0	19	0.53	0	63.3	58.9	41.0	24.7	24.7
8-9 PM	251	0.0	16	0.0	1500	251	0	16	0.52	0	63.4	59.0	41.1	24.7	24.7
9-10 PM	202	0.0	13	0.0	1500	202	0	13	0.52	0	63.5	59.1	41.3	24.7	24.7
10-11 PM	137	0.0	9	0.0	1500	137	0	9	0.51	0	63.7	59.2	41.5	24.8	24.8
11PM-MID	101	0.0	6	0.0	1500	101	0	6	0.51	0	63.7	59.3	41.7	24.8	24.8

----- 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	0.0118
MAIN ROUTE WITH WORKS	0.0129
DIVERSION	0.0064

PIA: Personal Injury Accidents

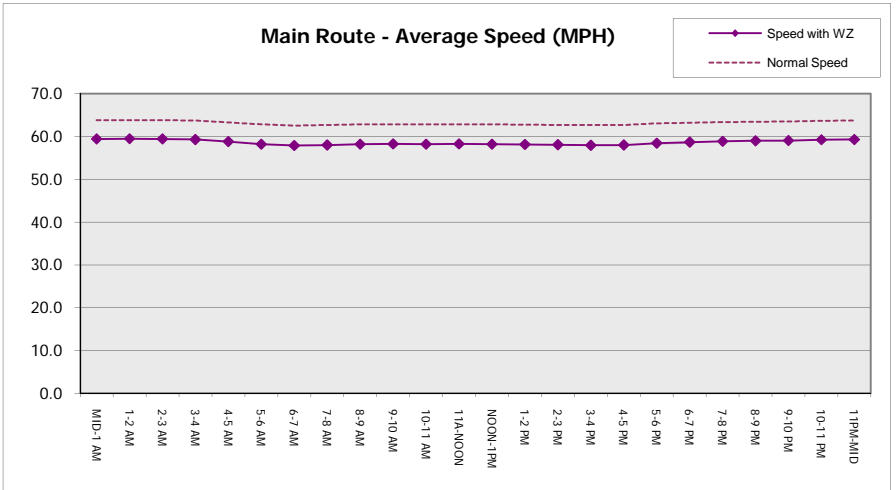
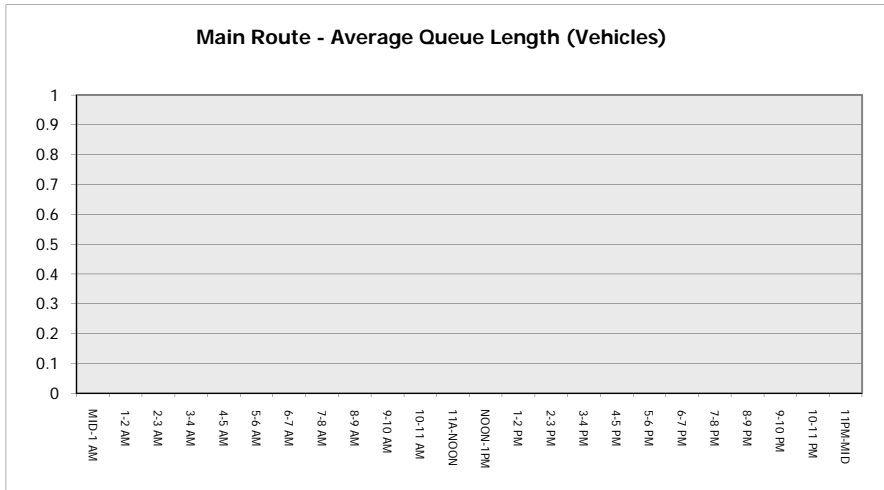
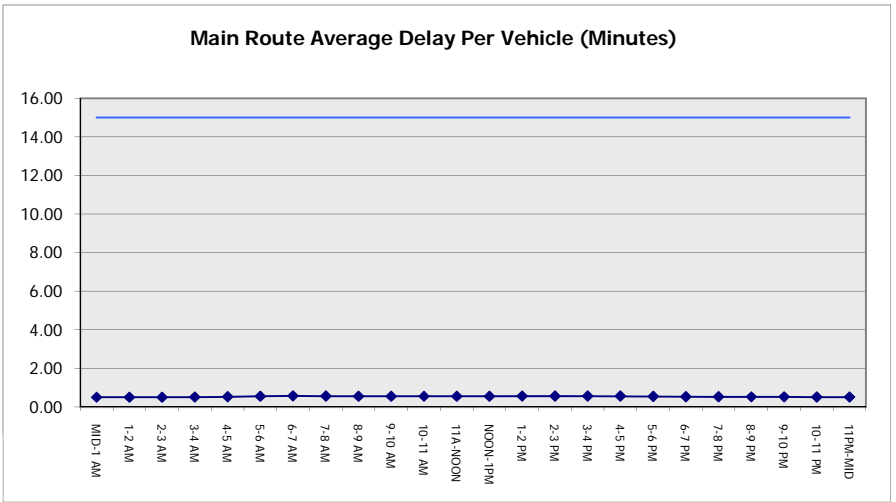
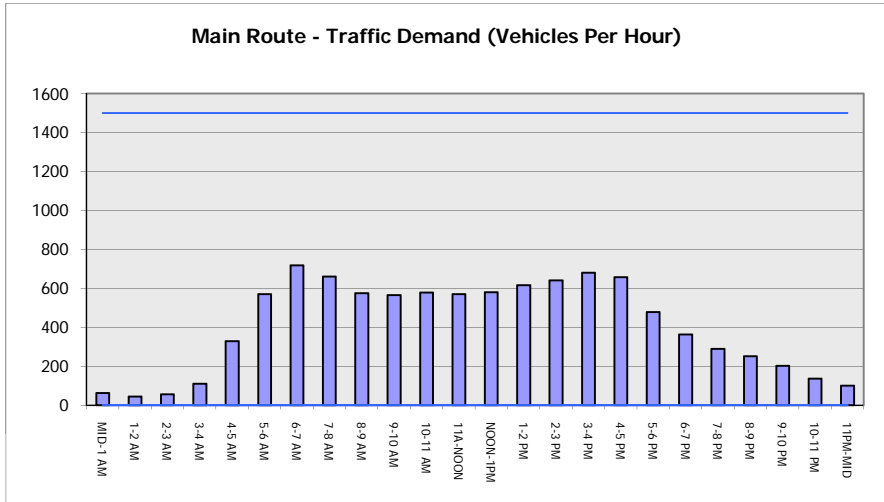
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,089
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: CTH G - CTH S

AUGUST
 Analyzed for 2009
 Construction Season

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



USH 151: CTH G TO CTH S (DODGE COUNTY) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: CTH G - CTH S	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	54	0.0	3	0.0	1500	54	0	3	0.50	0	63.8	59.4	41.8	24.8	24.8
1-2 AM	46	0.0	3	0.0	1500	46	0	3	0.50	0	63.8	59.4	41.9	24.8	24.8
2-3 AM	51	0.0	3	0.0	1500	51	0	3	0.50	0	63.8	59.4	41.8	24.8	24.8
3-4 AM	67	0.0	4	0.0	1500	67	0	4	0.51	0	63.8	59.4	41.8	24.8	24.8
4-5 AM	162	0.0	11	0.0	1500	162	0	11	0.51	0	63.6	59.2	41.4	24.8	24.8
5-6 AM	291	0.0	19	0.0	1500	291	0	19	0.53	0	63.3	58.9	41.0	24.7	24.7
6-7 AM	453	0.0	30	0.0	1500	453	0	30	0.54	0	63.0	58.5	40.4	24.6	24.6
7-8 AM	524	0.0	35	0.0	1500	524	0	35	0.55	0	62.9	58.3	40.2	24.6	24.6
8-9 AM	508	0.0	34	0.0	1500	508	0	34	0.55	0	63.0	58.4	40.2	24.6	24.6
9-10 AM	529	0.0	35	0.0	1500	529	0	35	0.55	0	62.9	58.3	40.2	24.6	24.6
10-11 AM	530	0.0	35	0.0	1500	530	0	35	0.55	0	62.9	58.3	40.2	24.6	24.6
11A-NOON	535	0.0	36	0.0	1500	535	0	36	0.55	0	62.9	58.3	40.2	24.6	24.6
NOON-1PM	586	0.0	39	0.0	1500	586	0	39	0.55	0	62.8	58.2	40.0	24.5	24.5
1-2 PM	696	0.0	45	0.0	1500	696	0	45	0.56	0	62.6	57.9	39.7	24.5	24.5
2-3 PM	808	0.0	53	0.0	1500	808	0	53	0.58	0	62.4	57.7	39.3	24.4	24.4
3-4 PM	918	0.0	61	0.0	1500	918	0	61	0.59	0	62.2	57.4	39.0	24.4	24.4
4-5 PM	913	0.0	61	0.0	1500	913	0	61	0.59	0	62.2	57.4	39.0	24.4	24.4
5-6 PM	645	0.0	42	0.0	1500	645	0	42	0.56	0	62.7	58.1	39.8	24.5	24.5
6-7 PM	439	0.0	29	0.0	1500	439	0	29	0.54	0	63.1	58.5	40.5	24.6	24.6
7-8 PM	334	0.0	22	0.0	1500	334	0	22	0.53	0	63.3	58.7	40.9	24.7	24.7
8-9 PM	254	0.0	16	0.0	1500	254	0	16	0.52	0	63.4	58.9	41.1	24.7	24.7
9-10 PM	196	0.0	13	0.0	1500	196	0	13	0.52	0	63.5	59.1	41.3	24.7	24.7
10-11 PM	130	0.0	9	0.0	1500	130	0	9	0.51	0	63.7	59.2	41.5	24.8	24.8
11PM-MID	85	0.0	5	0.0	1500	85	0	5	0.51	0	63.7	59.4	41.7	24.8	24.8

----- 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	0.0117
MAIN ROUTE WITH WORKS	0.0128
DIVERSION	0.0063

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,092
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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AUGUST
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MON-THUR NORTHBOUND DIRECTION

