

USH 151: CTH G TO CTH S (DODGE COUNTY) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: CTH G - CTH S	OCTOBER
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

SUNDAY 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		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	65	0.0	4	0.0	1500	65	0	4	0.50	0	63.8	59.4	41.8	24.8	24.8
1-2 AM	38	0.0	2	0.0	1500	38	0	2	0.50	0	63.8	59.5	41.9	24.8	24.8
2-3 AM	44	0.0	3	0.0	1500	44	0	3	0.50	0	63.8	59.5	41.9	24.8	24.8
3-4 AM	22	0.0	1	0.0	1500	22	0	1	0.50	0	63.8	59.5	41.9	24.8	24.8
4-5 AM	31	0.0	2	0.0	1500	31	0	2	0.50	0	63.8	59.5	41.9	24.8	24.8
5-6 AM	60	0.0	4	0.0	1500	60	0	4	0.50	0	63.8	59.4	41.8	24.8	24.8
6-7 AM	85	0.0	5	0.0	1500	85	0	5	0.51	0	63.7	59.4	41.7	24.8	24.8
7-8 AM	134	0.0	9	0.0	1500	134	0	9	0.51	0	63.7	59.2	41.5	24.8	24.8
8-9 AM	224	0.0	15	0.0	1500	224	0	15	0.52	0	63.5	59.1	41.2	24.7	24.7
9-10 AM	395	0.0	26	0.0	1500	395	0	26	0.54	0	63.2	58.6	40.6	24.7	24.7
10-11 AM	566	0.0	37	0.0	1500	566	0	37	0.55	0	62.8	58.2	40.1	24.5	24.5
11A-NOON	689	0.0	45	0.0	1500	689	0	45	0.56	0	62.6	57.9	39.7	24.5	24.5
NOON-1PM	696	0.0	45	0.0	1500	696	0	45	0.56	0	62.6	57.9	39.7	24.5	24.5
1-2 PM	715	0.0	47	0.0	1500	715	0	47	0.57	0	62.6	57.9	39.6	24.5	24.5
2-3 PM	747	0.0	49	0.0	1500	747	0	49	0.57	0	62.5	57.8	39.5	24.5	24.5
3-4 PM	768	0.0	51	0.0	1500	768	0	51	0.57	0	62.5	57.8	39.4	24.5	24.5
4-5 PM	823	0.0	54	0.0	1500	823	0	54	0.58	0	62.3	57.6	39.2	24.4	24.4
5-6 PM	778	0.0	51	0.0	1500	778	0	51	0.57	0	62.5	57.8	39.4	24.5	24.5
6-7 PM	725	0.0	47	0.0	1500	725	0	47	0.57	0	62.5	57.9	39.6	24.5	24.5
7-8 PM	730	0.0	47	0.0	1500	730	0	47	0.57	0	62.5	57.9	39.6	24.5	24.5
8-9 PM	553	0.0	37	0.0	1500	553	0	37	0.55	0	62.8	58.2	40.1	24.5	24.5
9-10 PM	389	0.0	26	0.0	1500	389	0	26	0.54	0	63.2	58.6	40.7	24.7	24.7
10-11 PM	161	0.0	11	0.0	1500	161	0	11	0.51	0	63.6	59.2	41.4	24.8	24.8
11PM-MID	65	0.0	4	0.0	1500	65	0	4	0.50	0	63.8	59.4	41.8	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	0.0114
MAIN ROUTE WITH WORKS	0.0125
DIVERSION	0.0062

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,380
CONGESTED HOURS PER DAY*	0

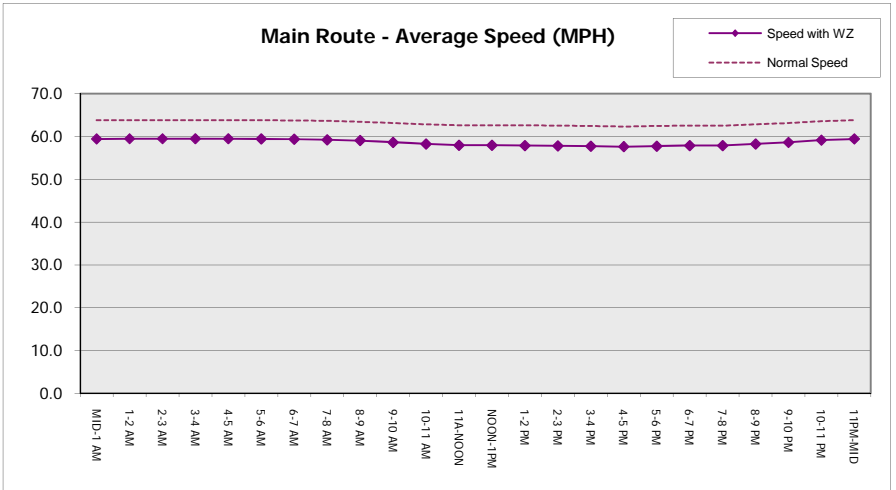
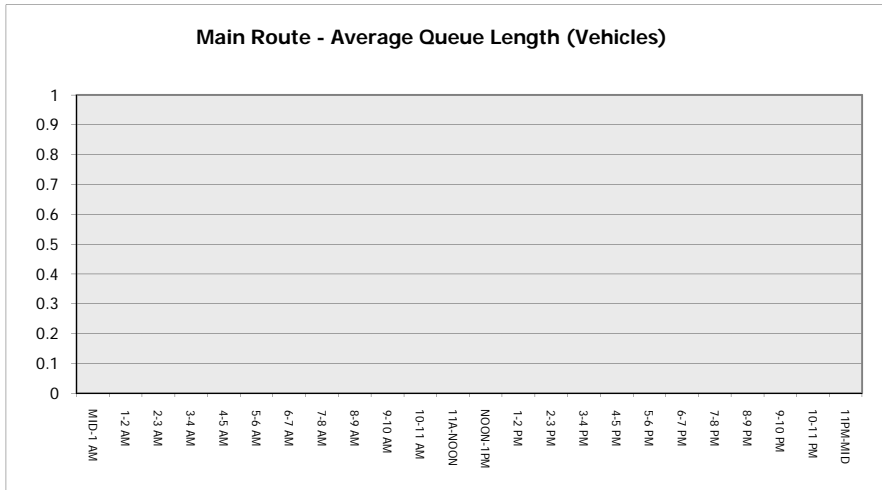
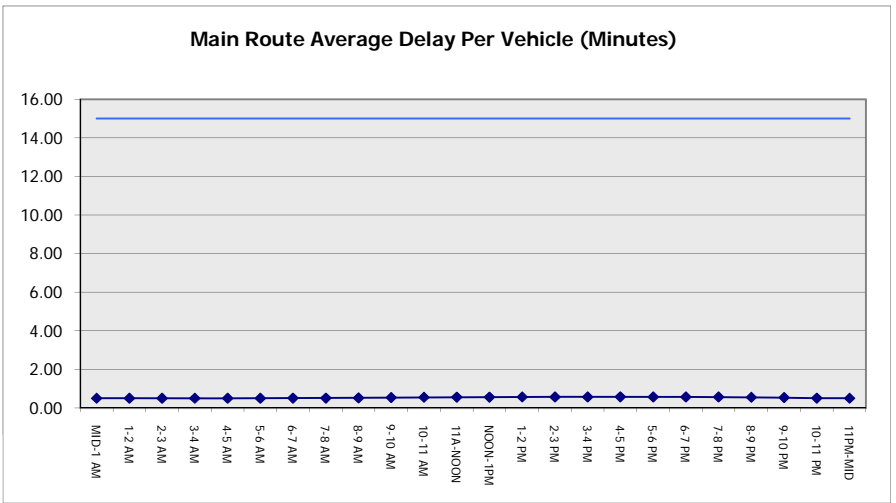
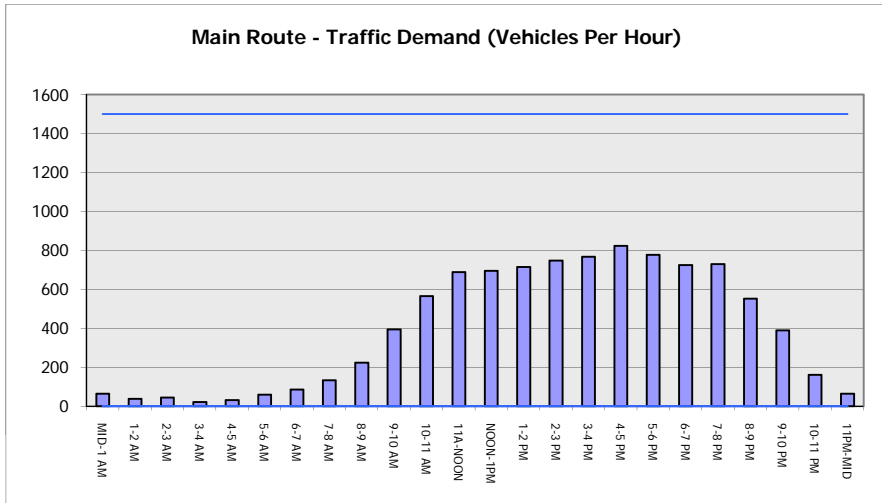
*Delays Exceeding 15 Minutes

USH 151: CTH G TO CTH S (DODGE COUNTY)
CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: CTH G - CTH S

OCTOBER
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SUNDAY SOUTHBOUND DIRECTION



USH 151: CTH G TO CTH S (DODGE COUNTY) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: CTH G - CTH S	OCTOBER
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SUMMARY OF TRAFFIC MODEL OUTPUT

SUNDAY 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	252	0.0	16	0.0	1500	252	0	16	0.52	0	63.4	59.0	41.1	24.7	24.7
1-2 AM	63	0.0	4	0.0	1500	63	0	4	0.50	0	63.8	59.4	41.8	24.8	24.8
2-3 AM	40	0.0	2	0.0	1500	40	0	2	0.50	0	63.8	59.5	41.9	24.8	24.8
3-4 AM	34	0.0	2	0.0	1500	34	0	2	0.50	0	63.8	59.5	41.9	24.8	24.8
4-5 AM	30	0.0	2	0.0	1500	30	0	2	0.50	0	63.8	59.5	41.9	24.8	24.8
5-6 AM	62	0.0	4	0.0	1500	62	0	4	0.50	0	63.8	59.4	41.8	24.8	24.8
6-7 AM	113	0.0	8	0.0	1500	113	0	8	0.51	0	63.7	59.3	41.6	24.8	24.8
7-8 AM	277	0.0	18	0.0	1500	277	0	18	0.53	0	63.4	58.9	41.0	24.7	24.7
8-9 AM	521	0.0	35	0.0	1500	521	0	35	0.55	0	62.9	58.3	40.2	24.6	24.6
9-10 AM	674	0.0	44	0.0	1500	674	0	44	0.56	0	62.7	58.0	39.7	24.5	24.5
10-11 AM	826	0.0	54	0.0	1500	826	0	54	0.58	0	62.3	57.6	39.2	24.4	24.4
11A-NOON	822	0.0	54	0.0	1500	822	0	54	0.58	0	62.3	57.6	39.2	24.4	24.4
NOON-1PM	700	0.0	46	0.0	1500	700	0	46	0.57	0	62.6	57.9	39.6	24.5	24.5
1-2 PM	657	0.0	43	0.0	1500	657	0	43	0.56	0	62.7	58.0	39.8	24.5	24.5
2-3 PM	689	0.0	45	0.0	1500	689	0	45	0.56	0	62.6	57.9	39.7	24.5	24.5
3-4 PM	750	0.0	50	0.0	1500	750	0	50	0.57	0	62.5	57.8	39.5	24.5	24.5
4-5 PM	793	0.0	52	0.0	1500	793	0	52	0.57	0	62.4	57.7	39.4	24.5	24.5
5-6 PM	644	0.0	42	0.0	1500	644	0	42	0.56	0	62.7	58.1	39.8	24.5	24.5
6-7 PM	535	0.0	36	0.0	1500	535	0	36	0.55	0	62.9	58.3	40.2	24.6	24.6
7-8 PM	409	0.0	27	0.0	1500	409	0	27	0.54	0	63.2	58.6	40.6	24.7	24.7
8-9 PM	286	0.0	18	0.0	1500	286	0	18	0.53	0	63.3	58.9	41.0	24.7	24.7
9-10 PM	192	0.0	13	0.0	1500	192	0	13	0.52	0	63.5	59.1	41.4	24.7	24.7
10-11 PM	121	0.0	8	0.0	1500	121	0	8	0.51	0	63.7	59.3	41.5	24.8	24.8
11PM-MID	81	0.0	5	0.0	1500	81	0	5	0.51	0	63.8	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	0.0115
MAIN ROUTE WITH WORKS	0.0126
DIVERSION	0.0062

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,386
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY NORTHBOUND DIRECTION

