

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

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	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	39	0.0	2	0.0	1500	39	0	2	0.50	0	63.8	59.5	41.9	24.8	24.8
2-3 AM	37	0.0	2	0.0	1500	37	0	2	0.50	0	63.8	59.5	41.9	24.8	24.8
3-4 AM	29	0.0	2	0.0	1500	29	0	2	0.50	0	63.8	59.5	41.9	24.8	24.8
4-5 AM	47	0.0	3	0.0	1500	47	0	3	0.50	0	63.8	59.4	41.9	24.8	24.8
5-6 AM	81	0.0	5	0.0	1500	81	0	5	0.51	0	63.8	59.4	41.7	24.8	24.8
6-7 AM	134	0.0	9	0.0	1500	134	0	9	0.51	0	63.7	59.2	41.5	24.8	24.8
7-8 AM	228	0.0	15	0.0	1500	228	0	15	0.52	0	63.5	59.0	41.2	24.7	24.7
8-9 AM	428	0.0	28	0.0	1500	428	0	28	0.54	0	63.1	58.6	40.6	24.7	24.7
9-10 AM	591	0.0	39	0.0	1500	591	0	39	0.55	0	62.8	58.2	40.0	24.5	24.5
10-11 AM	770	0.0	51	0.0	1500	770	0	51	0.57	0	62.5	57.8	39.4	24.5	24.5
11A-NOON	797	0.0	53	0.0	1500	797	0	53	0.57	0	62.4	57.7	39.4	24.4	24.4
NOON-1PM	809	0.0	53	0.0	1500	809	0	53	0.58	0	62.4	57.7	39.3	24.4	24.4
1-2 PM	784	0.0	52	0.0	1500	784	0	52	0.57	0	62.4	57.8	39.4	24.5	24.5
2-3 PM	778	0.0	51	0.0	1500	778	0	51	0.57	0	62.5	57.8	39.4	24.5	24.5
3-4 PM	809	0.0	53	0.0	1500	809	0	53	0.58	0	62.4	57.7	39.3	24.4	24.4
4-5 PM	815	0.0	54	0.0	1500	815	0	54	0.58	0	62.4	57.6	39.3	24.4	24.4
5-6 PM	723	0.0	48	0.0	1500	723	0	48	0.57	0	62.5	57.9	39.6	24.5	24.5
6-7 PM	635	0.0	42	0.0	1500	635	0	42	0.56	0	62.7	58.1	39.9	24.5	24.5
7-8 PM	488	0.0	32	0.0	1500	488	0	32	0.55	0	63.0	58.4	40.3	24.6	24.6
8-9 PM	396	0.0	26	0.0	1500	396	0	26	0.54	0	63.2	58.6	40.6	24.7	24.7
9-10 PM	222	0.0	15	0.0	1500	222	0	15	0.52	0	63.5	59.1	41.2	24.7	24.7
10-11 PM	133	0.0	9	0.0	1500	133	0	9	0.51	0	63.7	59.2	41.5	24.8	24.8
11PM-MID	97	0.0	6	0.0	1500	97	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	0.0119
MAIN ROUTE WITH WORKS	0.0130
DIVERSION	0.0065

PIA: Personal Injury Accidents

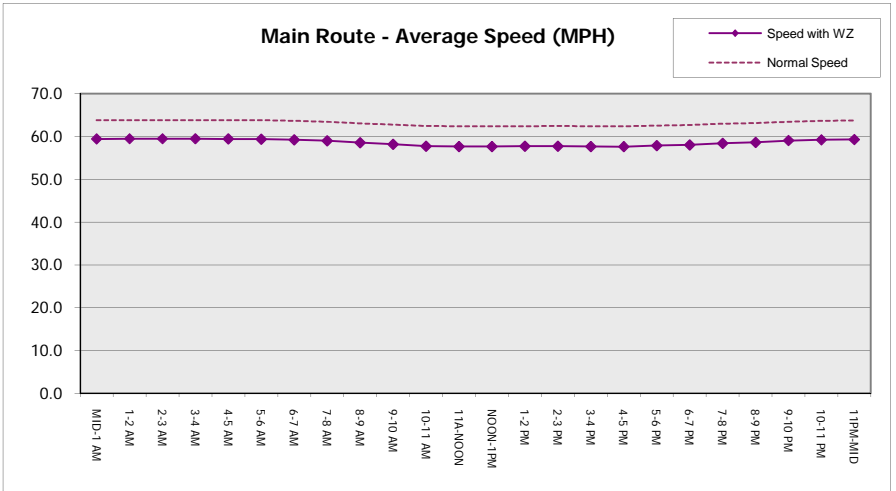
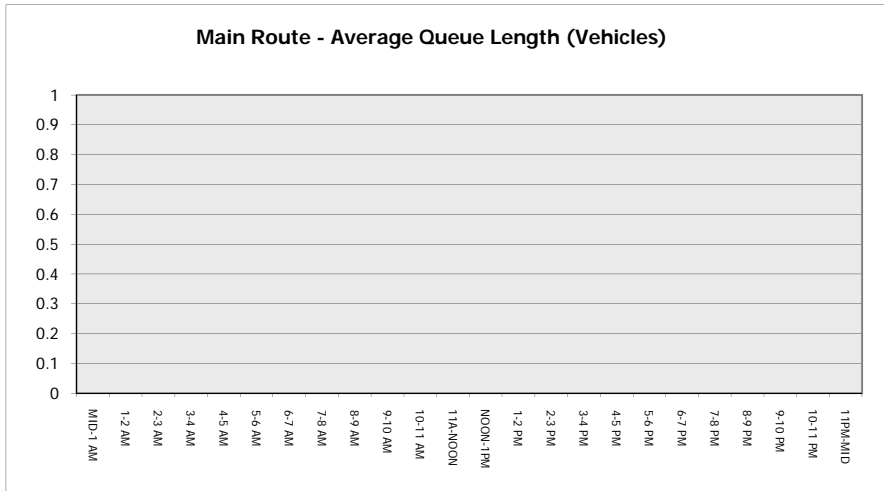
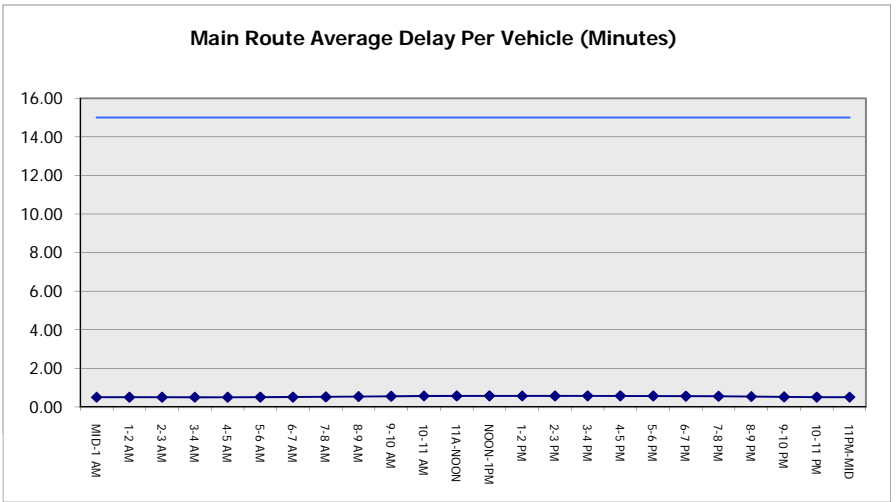
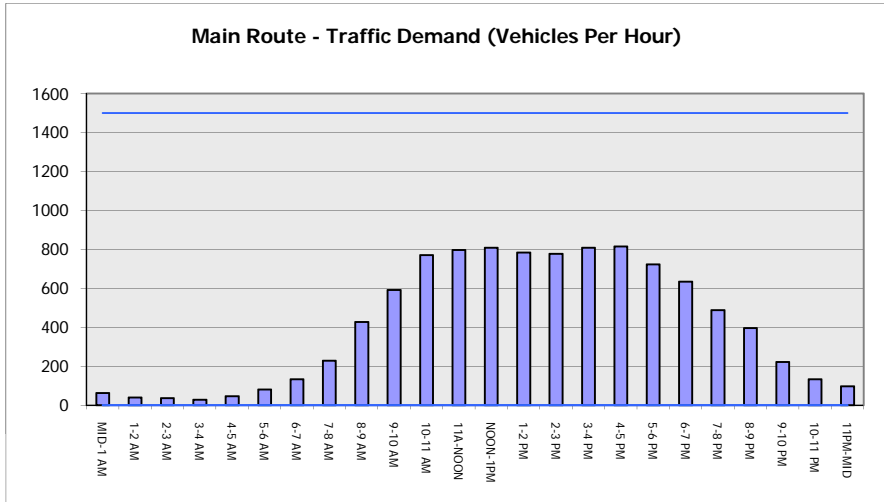
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,447
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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

AUGUST
 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	AUGUST
	Analyzed for 2009 Construction Season

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	64	0.0	4	0.0	1500	64	0	4	0.50	0	63.8	59.4	41.8	24.8	24.8
1-2 AM	32	0.0	2	0.0	1500	32	0	2	0.50	0	63.8	59.5	41.9	24.8	24.8
2-3 AM	31	0.0	2	0.0	1500	31	0	2	0.50	0	63.8	59.5	41.9	24.8	24.8
3-4 AM	29	0.0	2	0.0	1500	29	0	2	0.50	0	63.8	59.5	41.9	24.8	24.8
4-5 AM	45	0.0	3	0.0	1500	45	0	3	0.50	0	63.8	59.4	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	146	0.0	10	0.0	1500	146	0	10	0.51	0	63.7	59.2	41.5	24.8	24.8
7-8 AM	249	0.0	16	0.0	1500	249	0	16	0.52	0	63.5	59.0	41.1	24.7	24.7
8-9 AM	430	0.0	28	0.0	1500	430	0	28	0.54	0	63.1	58.6	40.6	24.7	24.7
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	699	0.0	47	0.0	1500	699	0	47	0.56	0	62.6	57.9	39.7	24.5	24.5
11A-NOON	705	0.0	47	0.0	1500	705	0	47	0.57	0	62.6	57.9	39.6	24.5	24.5
NOON-1PM	682	0.0	45	0.0	1500	682	0	45	0.56	0	62.7	57.9	39.7	24.5	24.5
1-2 PM	690	0.0	45	0.0	1500	690	0	45	0.56	0	62.6	57.9	39.7	24.5	24.5
2-3 PM	715	0.0	48	0.0	1500	715	0	48	0.57	0	62.6	57.9	39.6	24.5	24.5
3-4 PM	690	0.0	45	0.0	1500	690	0	45	0.56	0	62.6	57.9	39.7	24.5	24.5
4-5 PM	725	0.0	48	0.0	1500	725	0	48	0.57	0	62.5	57.9	39.6	24.5	24.5
5-6 PM	607	0.0	40	0.0	1500	607	0	40	0.56	0	62.8	58.1	39.9	24.5	24.5
6-7 PM	511	0.0	34	0.0	1500	511	0	34	0.55	0	63.0	58.4	40.2	24.6	24.6
7-8 PM	427	0.0	28	0.0	1500	427	0	28	0.54	0	63.1	58.6	40.6	24.7	24.7
8-9 PM	317	0.0	21	0.0	1500	317	0	21	0.53	0	63.3	58.8	40.9	24.7	24.7
9-10 PM	218	0.0	14	0.0	1500	218	0	14	0.52	0	63.5	59.1	41.2	24.7	24.7
10-11 PM	114	0.0	8	0.0	1500	114	0	8	0.51	0	63.7	59.3	41.6	24.8	24.8
11PM-MID	76	0.0	5	0.0	1500	76	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	0.0106
MAIN ROUTE WITH WORKS	0.0116
DIVERSION	0.0058

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,267
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**

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY NORTHBOUND DIRECTION

