

**USH 41: STH 67 TO STH 60 (WASHINGTON AND DODGE COUNTIES)
CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: CTH K - STH 175 - STH 33**

AUGUST

Analyzed for 2009
Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

FRIDAY 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	209	0.0	55	0.0	1500	209	0	55	0.44	0	66.0	59.3	44.6	24.4	24.4
1-2 AM	105	0.0	28	0.0	1500	105	0	28	0.43	0	66.2	59.6	45.1	24.7	24.7
2-3 AM	116	0.0	30	0.0	1500	116	0	30	0.43	0	66.2	59.6	45.0	24.6	24.6
3-4 AM	154	0.0	40	0.0	1500	154	0	40	0.44	0	66.1	59.4	44.8	24.5	24.5
4-5 AM	301	0.0	78	0.0	1500	301	0	78	0.45	0	65.8	59.0	44.3	24.2	24.2
5-6 AM	665	0.0	172	0.0	1500	665	0	172	0.49	0	65.1	58.0	42.9	23.5	23.5
6-7 AM	987	0.0	255	0.0	1500	987	0	255	0.52	0	64.5	57.1	41.7	22.9	22.9
7-8 AM	1052	0.0	273	0.0	1500	1052	0	273	0.52	0	64.4	56.9	41.5	22.7	22.7
8-9 AM	957	0.0	248	0.0	1500	957	0	248	0.51	0	64.6	57.2	41.9	22.9	22.9
9-10 AM	1008	0.0	261	0.0	1500	1008	0	261	0.52	0	64.5	57.1	41.7	22.9	22.9
10-11 AM	1063	0.0	276	0.0	1500	1063	0	276	0.53	0	64.4	56.9	41.5	22.7	22.7
11A-NOON	1143	0.0	296	0.0	1500	1143	0	296	0.56	0	64.3	56.4	40.4	22.5	22.5
NOON-1PM	1153	0.0	299	0.0	1500	1153	0	299	0.58	0	64.2	56.2	40.0	22.5	22.5
1-2 PM	1221	0.0	316	0.0	1500	1221	0	316	0.66	0	64.1	55.0	37.8	22.4	22.4
2-3 PM	1303	0.0	338	0.0	1500	1303	0	338	0.77	0	64.0	53.7	35.4	22.2	22.2
3-4 PM	1350	0.0	350	0.0	1500	1350	0	350	0.83	0	63.8	53.0	34.2	22.2	22.2
4-5 PM	1367	0.0	354	0.0	1500	1367	0	354	0.85	0	63.8	52.7	33.8	22.1	22.1
5-6 PM	1337	0.0	346	0.0	1500	1337	0	346	0.81	0	63.9	53.2	34.5	22.2	22.2
6-7 PM	995	0.0	258	0.0	1500	995	0	258	0.52	0	64.5	57.1	41.7	22.9	22.9
7-8 PM	775	0.0	201	0.0	1500	775	0	201	0.50	0	65.0	57.7	42.5	23.3	23.3
8-9 PM	604	0.0	156	0.0	1500	604	0	156	0.48	0	65.3	58.2	43.1	23.7	23.7
9-10 PM	499	0.0	130	0.0	1500	499	0	130	0.47	0	65.5	58.4	43.5	23.8	23.8
10-11 PM	370	0.0	96	0.0	1500	370	0	96	0.46	0	65.7	58.8	44.0	24.1	24.1
11PM-MID	254	0.0	66	0.0	1500	254	0	66	0.45	0	65.9	59.1	44.5	24.3	24.3

----- 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	0.0130
MAIN ROUTE WITH WORKS	0.0117
DIVERSION	0.0457

PIA: Personal Injury Accidents

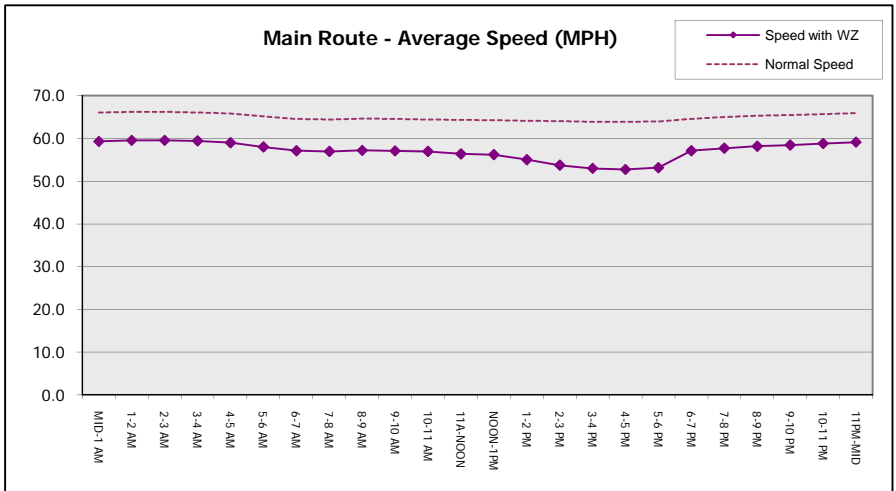
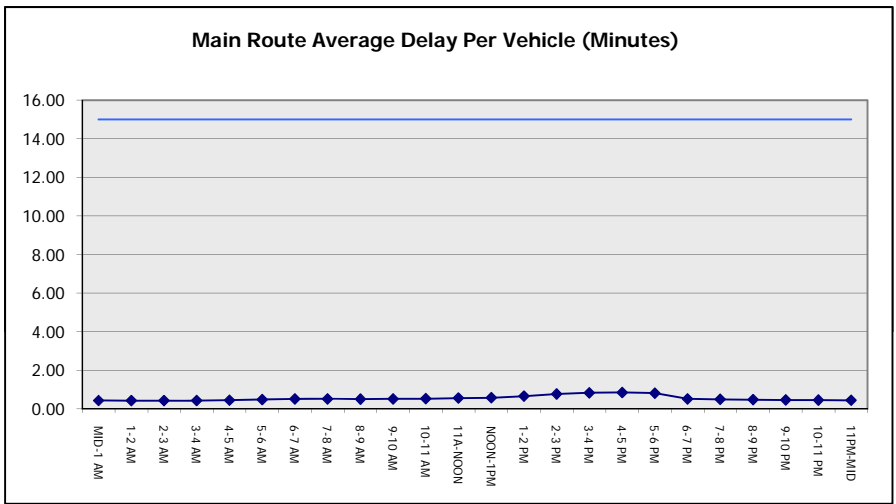
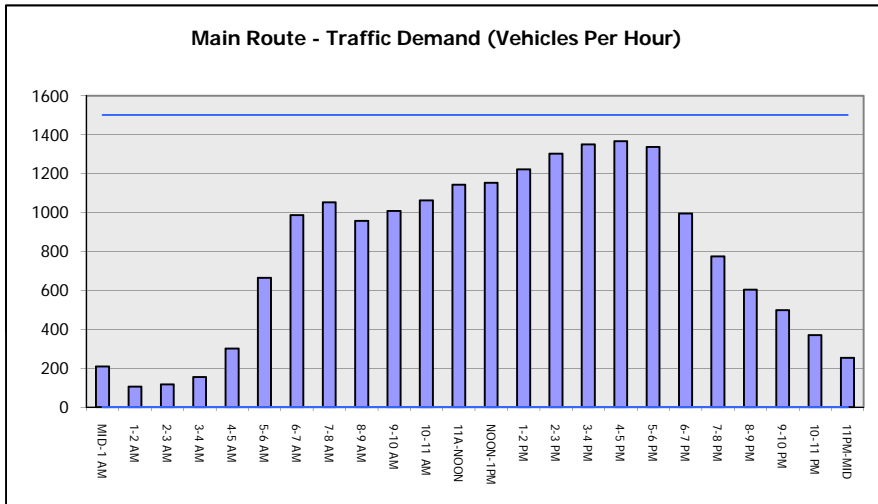
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,917
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: CTH K - STH 175 - STH 33

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY SOUTHBOUND DIRECTION



USH 41: STH 67 TO STH 60 (WASHINGTON AND DODGE COUNTIES) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: CTH K - STH 175 - STH 33	AUGUST Analyzed for 2009 Construction Season
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SUMMARY OF TRAFFIC MODEL OUTPUT	
FRIDAY	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	210	0.0	55	0.0	1500	210	0	55	0.44	0	66.0	59.3	44.6	24.4	24.4
1-2 AM	161	0.0	42	0.0	1500	161	0	42	0.44	0	66.1	59.4	44.8	24.5	24.5
2-3 AM	130	0.0	34	0.0	1500	130	0	34	0.44	0	66.1	59.5	45.0	24.6	24.6
3-4 AM	136	0.0	35	0.0	1500	136	0	35	0.44	0	66.1	59.5	45.0	24.6	24.6
4-5 AM	203	0.0	53	0.0	1500	203	0	53	0.44	0	66.0	59.3	44.6	24.5	24.5
5-6 AM	397	0.0	103	0.0	1500	397	0	103	0.46	0	65.6	58.7	43.9	24.0	24.0
6-7 AM	718	0.0	186	0.0	1500	718	0	186	0.49	0	65.0	57.9	42.7	23.4	23.4
7-8 AM	933	0.0	242	0.0	1500	933	0	242	0.51	0	64.6	57.3	41.9	23.0	23.0
8-9 AM	1045	0.0	271	0.0	1500	1045	0	271	0.52	0	64.5	57.0	41.5	22.8	22.8
9-10 AM	1242	0.0	322	0.0	1500	1242	0	322	0.69	0	64.1	54.6	37.1	22.4	22.4
10-11 AM	1416	0.0	366	0.0	1500	1416	0	366	0.92	0	63.8	52.0	32.6	22.0	22.0
11A-NOON	1426	0.0	370	0.0	1499	1426	0	370	0.93	0	63.7	51.9	32.4	22.0	22.0
NOON-1PM	1602	0.0	415	0.0	1499	1602	0	415	2.44	42	63.4	39.6	30.8	21.7	21.7
1-2 PM	1707	0.0	442	0.0	1500	1707	0	442	7.88	194	63.2	21.5	30.8	21.4	21.4
2-3 PM	1932	0.0	500	0.0	1500	1784	148	649	18.18	475	62.8	11.7	30.8	21.0	19.9
3-4 PM	2227	0.0	578	0.0	1499	1647	581	1158	25.75	670	62.2	9.4	30.8	20.4	16.5
4-5 PM	2438	0.0	632	0.0	1500	1621	818	1450+	30.73	806	61.5	8.6	30.8	20.0	14.7
5-6 PM	2400	0.0	622	0.0	1499	1473	927	1549+	32.86	862	61.9	8.4	30.8	20.1	14.1
6-7 PM	1958	0.0	508	0.0	1499	1242	716	1224+	26.85	701	62.7	9.2	30.8	20.9	16.1
7-8 PM	1447	0.0	375	0.0	1500	1308	139	514	18.28	469	63.7	11.6	30.8	22.0	20.9
8-9 PM	1052	0.0	273	0.0	1499	1052	0	273	5.33	182	64.4	27.6	36.3	22.7	22.7
9-10 PM	806	0.0	209	0.0	1500	806	0	209	0.50	0	64.9	57.6	42.4	23.2	23.2
10-11 PM	769	0.0	199	0.0	1500	769	0	199	0.50	0	65.0	57.8	42.5	23.3	23.3
11PM-MID	526	0.0	136	0.0	1500	526	0	136	0.47	0	65.4	58.4	43.4	23.8	23.8

+ INDICATES DIVERSION FLOW EXCEEDS USER-SPECIFIED WARNING LIMIT

----- 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	0.0184
MAIN ROUTE WITH WORKS	0.0146
DIVERSION	0.0955

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$89,597
CONGESTED HOURS PER DAY*	6

*Delays Exceeding 15 Minutes

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CONTINUOUS (24 HOUR) CLOSURE
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AUGUST
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FRIDAY NORTHBOUND DIRECTION

