

USH 41: STH 67 TO STH 60 (WASHINGTON AND DODGE COUNTIES) NIGHTTIME CLOSURE DIVERSION ROUTE: CTH K - STH 175 - STH 33	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		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	442	0.0	114	0.0	1500	442	0	114	0.47	0	65.6	58.6	43.7	24.0	24.0
1-2 AM	260	0.0	68	0.0	1500	260	0	68	0.45	0	65.9	59.1	44.5	24.3	24.3
2-3 AM	93	0.0	24	0.0	1500	93	0	24	0.43	0	66.2	59.6	45.1	24.7	24.7
3-4 AM	81	0.0	21	0.0	1500	81	0	21	0.43	0	66.3	59.6	45.1	24.7	24.7
4-5 AM	96	0.0	25	0.0	1500	96	0	25	0.43	0	66.2	59.6	45.1	24.7	24.7
5-6 AM	126	0.0	32	0.0	1500	126	0	32	0.43	0	66.1	59.5	45.0	24.6	24.6
6-7 AM	186	0.0	48	0.0	1500	186	0	48	0.44	0	66.0	59.4	44.7	24.5	24.5
7-8 AM	321	0.0	83	0.0	1500	321	0	83	0.45	0	65.8	58.9	44.2	24.2	24.2
8-9 AM	601	0.0	155	0.0	1500	601	0	155	0.48	0	65.3	58.2	43.1	23.7	23.7
9-10 AM	1030	0.0	267	0.0	OFF	1030	0	267	0.00	0	64.5	64.5	64.5	22.8	22.8
10-11 AM	1579	0.0	409	0.0	OFF	1579	0	409	0.00	0	63.5	63.5	63.5	21.7	21.7
11A-NOON	1903	0.0	493	0.0	OFF	1903	0	493	0.00	0	62.8	62.8	62.8	21.1	21.1
NOON-1PM	1935	0.0	501	0.0	OFF	1935	0	501	0.00	0	62.8	62.8	62.8	21.0	21.0
1-2 PM	2087	0.0	540	0.0	OFF	2087	0	540	0.00	0	62.5	62.5	62.5	20.7	20.7
2-3 PM	2132	0.0	552	0.0	OFF	2132	0	552	0.00	0	62.4	62.4	62.4	20.6	20.6
3-4 PM	2074	0.0	537	0.0	OFF	2074	0	537	0.00	0	62.5	62.5	62.5	20.7	20.7
4-5 PM	2349	0.0	608	0.0	OFF	2349	0	608	0.00	0	62.0	62.0	62.0	20.2	20.2
5-6 PM	2078	0.0	538	0.0	OFF	2078	0	538	0.00	0	62.5	62.5	62.5	20.7	20.7
6-7 PM	1786	0.0	462	0.0	OFF	1786	0	462	0.00	0	63.0	63.0	63.0	21.3	21.3
7-8 PM	1462	0.0	379	0.0	1499	1462	0	379	1.23	7	63.7	48.9	32.0	21.9	21.9
8-9 PM	1115	0.0	289	0.0	1500	1115	0	289	0.53	0	64.3	56.8	41.3	22.6	22.6
9-10 PM	676	0.0	175	0.0	1500	676	0	175	0.49	0	65.1	58.0	42.8	23.5	23.5
10-11 PM	384	0.0	100	0.0	1500	384	0	100	0.46	0	65.6	58.8	44.0	24.1	24.1
11PM-MID	190	0.0	49	0.0	1500	190	0	49	0.44	0	66.0	59.3	44.7	24.5	24.5

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

----- SITE BREAKDOWN DELAYS -----	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN (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 (VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN (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	0.0171
MAIN ROUTE WITH WORKS	0.0167
DIVERSION	0.0600

PIA: Personal Injury Accidents

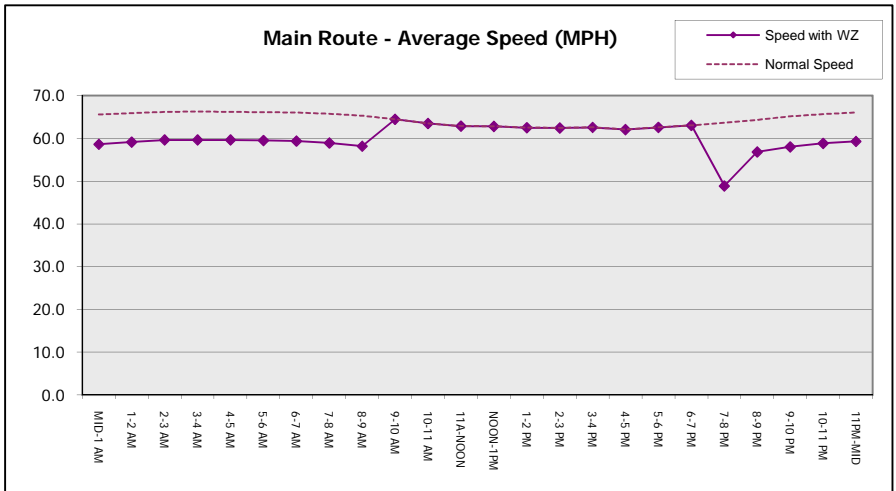
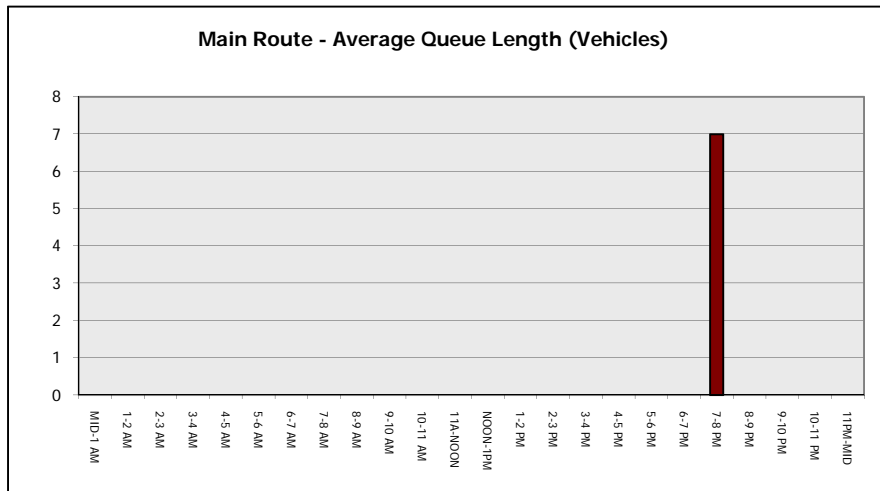
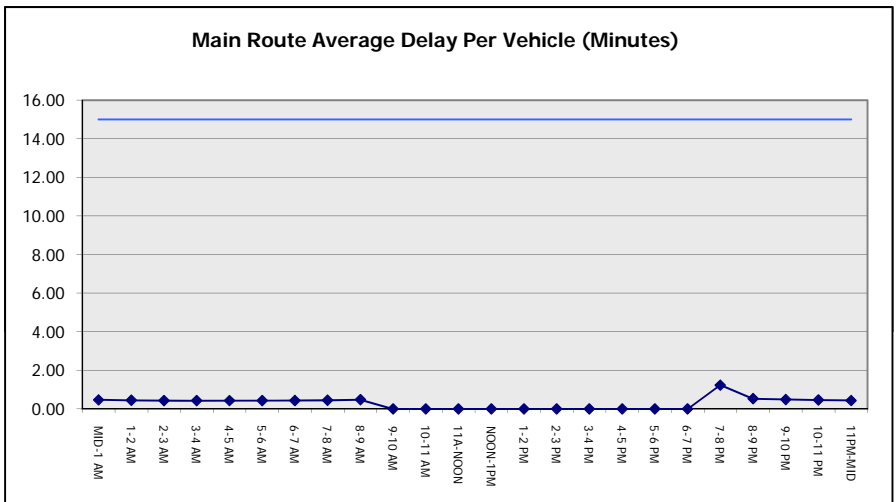
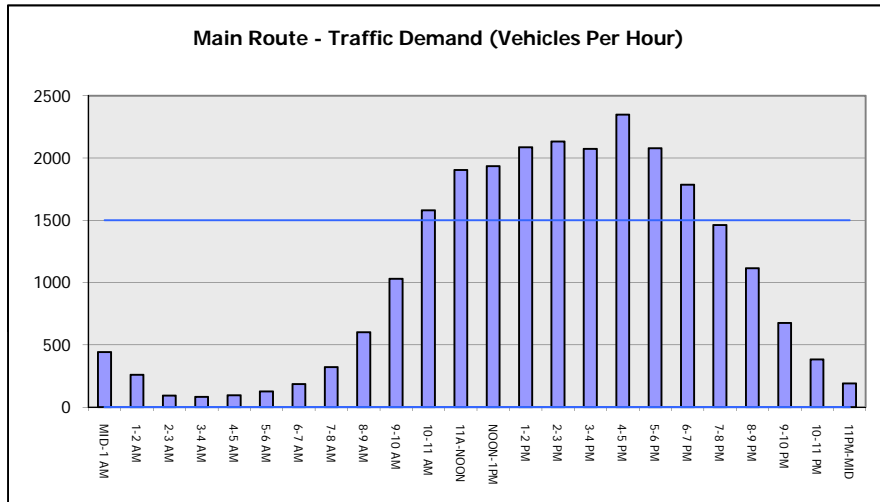
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$959
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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NIGHTTIME CLOSURE
DIVERSION ROUTE: CTH K - STH 175 - STH 33

AUGUST
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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY SOUTHBOUND DIRECTION



USH 41: STH 67 TO STH 60 (WASHINGTON AND DODGE COUNTIES) NIGHTTIME CLOSURE DIVERSION ROUTE: CTH K - STH 175 - STH 33	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	204	0.0	53	0.0	1500	204	0	53	0.44	0	66.0	59.3	44.6	24.5	24.5
1-2 AM	138	0.0	36	0.0	1500	138	0	36	0.44	0	66.1	59.5	45.0	24.6	24.6
2-3 AM	79	0.0	21	0.0	1500	79	0	21	0.43	0	66.3	59.6	45.1	24.7	24.7
3-4 AM	61	0.0	15	0.0	1500	61	0	15	0.43	0	66.3	59.7	45.3	24.7	24.7
4-5 AM	67	0.0	18	0.0	1500	67	0	18	0.43	0	66.3	59.7	45.2	24.7	24.7
5-6 AM	102	0.0	27	0.0	1500	102	0	27	0.43	0	66.2	59.6	45.1	24.7	24.7
6-7 AM	207	0.0	54	0.0	1500	207	0	54	0.44	0	66.0	59.3	44.6	24.4	24.4
7-8 AM	351	0.0	91	0.0	1500	351	0	91	0.46	0	65.7	58.9	44.1	24.2	24.2
8-9 AM	554	0.0	143	0.0	1500	554	0	143	0.48	0	65.3	58.3	43.3	23.7	23.7
9-10 AM	791	0.0	205	0.0	OFF	791	0	205	0.00	0	64.9	64.9	64.9	23.3	23.3
10-11 AM	1062	0.0	275	0.0	OFF	1062	0	275	0.00	0	64.4	64.4	64.4	22.7	22.7
11A-NOON	1142	0.0	295	0.0	OFF	1142	0	295	0.00	0	64.3	64.3	64.3	22.6	22.6
NOON-1PM	1078	0.0	279	0.0	OFF	1078	0	279	0.00	0	64.4	64.4	64.4	22.7	22.7
1-2 PM	1056	0.0	274	0.0	OFF	1056	0	274	0.00	0	64.4	64.4	64.4	22.7	22.7
2-3 PM	1061	0.0	275	0.0	OFF	1061	0	275	0.00	0	64.4	64.4	64.4	22.7	22.7
3-4 PM	1049	0.0	272	0.0	OFF	1049	0	272	0.00	0	64.5	64.5	64.5	22.7	22.7
4-5 PM	1178	0.0	305	0.0	OFF	1178	0	305	0.00	0	64.2	64.2	64.2	22.5	22.5
5-6 PM	1221	0.0	316	0.0	OFF	1221	0	316	0.00	0	64.1	64.1	64.1	22.4	22.4
6-7 PM	1083	0.0	281	0.0	OFF	1083	0	281	0.00	0	64.4	64.4	64.4	22.7	22.7
7-8 PM	815	0.0	211	0.0	1500	815	0	211	0.50	0	64.9	57.6	42.4	23.2	23.2
8-9 PM	686	0.0	177	0.0	1500	686	0	177	0.49	0	65.1	57.9	42.8	23.5	23.5
9-10 PM	502	0.0	130	0.0	1500	502	0	130	0.47	0	65.5	58.4	43.5	23.8	23.8
10-11 PM	397	0.0	103	0.0	1500	397	0	103	0.46	0	65.6	58.7	43.9	24.0	24.0
11PM-MID	273	0.0	71	0.0	1500	273	0	71	0.45	0	65.9	59.1	44.4	24.3	24.3

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

----- 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	0.0104
MAIN ROUTE WITH WORKS	0.0101
DIVERSION	0.0364

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$501
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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NIGHTTIME CLOSURE
DIVERSION ROUTE: CTH K - STH 175 - STH 33

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY NORTHBOUND DIRECTION

