

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

MAY
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	122	0.0	32	0.0	1500	122	0	32	0.43	0	66.1	59.6	45.0	24.6	24.6
1-2 AM	94	0.0	24	0.0	1500	94	0	24	0.43	0	66.2	59.6	45.1	24.7	24.7
2-3 AM	70	0.0	19	0.0	1500	70	0	19	0.43	0	66.3	59.7	45.2	24.7	24.7
3-4 AM	72	0.0	19	0.0	1500	72	0	19	0.43	0	66.3	59.7	45.2	24.7	24.7
4-5 AM	89	0.0	23	0.0	1500	89	0	23	0.43	0	66.2	59.6	45.1	24.7	24.7
5-6 AM	141	0.0	36	0.0	1500	141	0	36	0.44	0	66.1	59.5	44.9	24.6	24.6
6-7 AM	199	0.0	51	0.0	1500	199	0	51	0.44	0	66.0	59.3	44.7	24.5	24.5
7-8 AM	376	0.0	98	0.0	1500	376	0	98	0.46	0	65.7	58.8	44.0	24.1	24.1
8-9 AM	592	0.0	153	0.0	1500	592	0	153	0.48	0	65.3	58.2	43.2	23.7	23.7
9-10 AM	1010	0.0	261	0.0	1500	1010	0	261	0.52	0	64.5	57.1	41.7	22.9	22.9
10-11 AM	1399	0.0	362	0.0	1499	1399	0	362	0.89	0	63.8	52.2	33.0	22.0	22.0
11A-NOON	1504	0.0	389	0.0	1499	1504	0	389	1.13	3	63.6	49.7	31.0	21.9	21.9
NOON-1PM	1589	0.0	412	0.0	1500	1589	0	412	3.01	56	63.4	36.5	30.8	21.7	21.7
1-2 PM	1565	0.0	405	0.0	1499	1565	0	405	5.91	132	63.5	25.9	30.8	21.7	21.7
2-3 PM	1664	0.0	431	0.0	1500	1664	0	431	9.94	246	63.3	18.4	30.8	21.5	21.5
3-4 PM	1680	0.0	435	0.0	1499	1659	21	457	16.24	415	63.3	12.7	30.8	21.5	21.4
4-5 PM	1805	0.0	467	0.0	1499	1546	259	726	20.49	526	63.0	10.5	30.8	21.2	19.3
5-6 PM	1644	0.0	426	0.0	1499	1438	205	631	19.61	502	63.3	10.9	30.8	21.5	20.0
6-7 PM	1409	0.0	365	0.0	1499	1388	21	386	16.80	426	63.8	12.4	30.8	22.0	21.9
7-8 PM	1167	0.0	303	0.0	1499	1167	0	303	7.81	214	64.2	21.8	33.3	22.5	22.5
8-9 PM	835	0.0	216	0.0	1500	835	0	216	0.53	0	64.8	57.2	42.3	23.2	23.2
9-10 PM	590	0.0	152	0.0	1500	590	0	152	0.48	0	65.3	58.2	43.2	23.7	23.7
10-11 PM	338	0.0	87	0.0	1500	338	0	87	0.46	0	65.8	58.9	44.2	24.2	24.2
11PM-MID	171	0.0	44	0.0	1500	171	0	44	0.44	0	66.1	59.4	44.8	24.5	24.5

----- 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	0.0138
MAIN ROUTE WITH WORKS	0.0121
DIVERSION	0.0531

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS

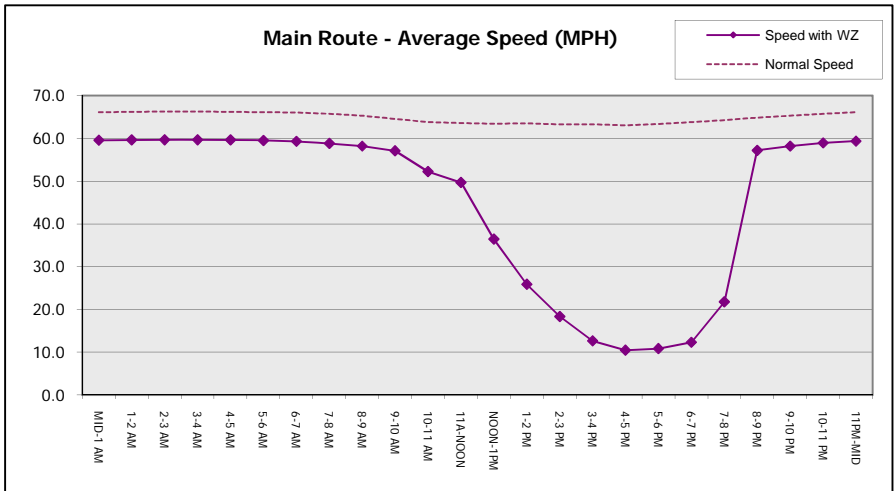
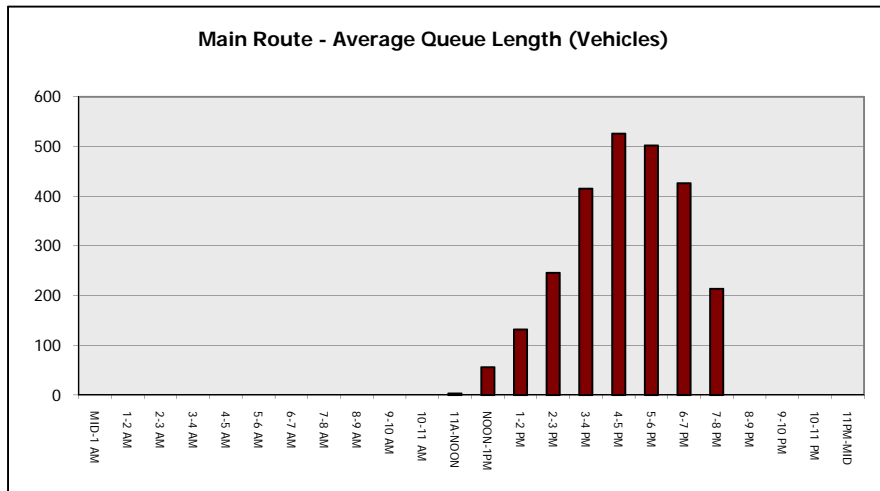
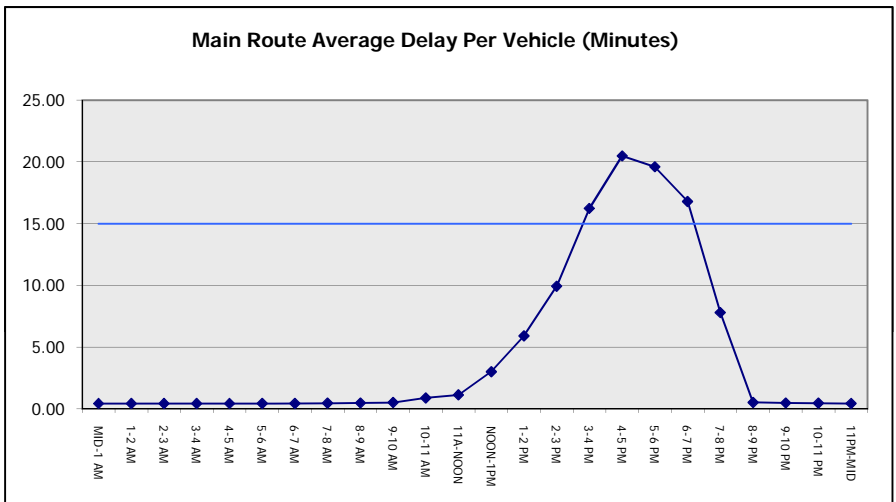
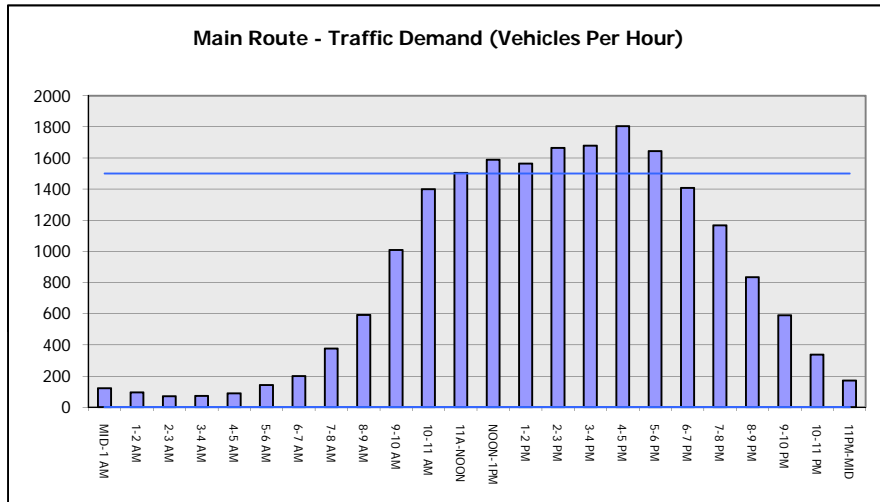
ROAD USER COSTS PER DAY (DOLLARS)	\$47,477
CONGESTED HOURS PER DAY*	4

*Delays Exceeding 15 Minutes

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

MAY
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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) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: CTH K - STH 175 - STH 33	MAY
	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	131	0.0	34	0.0	1500	131	0	34	0.44	0	66.1	59.5	45.0	24.6	24.6
1-2 AM	82	0.0	22	0.0	1500	82	0	22	0.43	0	66.3	59.6	45.1	24.7	24.7
2-3 AM	67	0.0	17	0.0	1500	67	0	17	0.43	0	66.3	59.7	45.2	24.7	24.7
3-4 AM	55	0.0	14	0.0	1500	55	0	14	0.43	0	66.3	59.7	45.3	24.7	24.7
4-5 AM	69	0.0	17	0.0	1500	69	0	17	0.43	0	66.3	59.7	45.2	24.7	24.7
5-6 AM	117	0.0	31	0.0	1500	117	0	31	0.43	0	66.1	59.6	45.0	24.6	24.6
6-7 AM	264	0.0	68	0.0	1500	264	0	68	0.45	0	65.9	59.1	44.4	24.3	24.3
7-8 AM	402	0.0	104	0.0	1500	402	0	104	0.46	0	65.6	58.7	43.9	24.0	24.0
8-9 AM	641	0.0	166	0.0	1500	641	0	166	0.48	0	65.2	58.1	43.0	23.6	23.6
9-10 AM	826	0.0	214	0.0	1500	826	0	214	0.50	0	64.8	57.6	42.3	23.2	23.2
10-11 AM	998	0.0	258	0.0	1500	998	0	258	0.52	0	64.5	57.1	41.7	22.9	22.9
11A-NOON	1079	0.0	280	0.0	1500	1079	0	280	0.53	0	64.4	56.9	41.4	22.7	22.7
NOON-1PM	1049	0.0	272	0.0	1500	1049	0	272	0.52	0	64.5	56.9	41.5	22.7	22.7
1-2 PM	944	0.0	244	0.0	1500	944	0	244	0.51	0	64.6	57.3	41.9	23.0	23.0
2-3 PM	941	0.0	244	0.0	1500	941	0	244	0.51	0	64.6	57.3	41.9	23.0	23.0
3-4 PM	1061	0.0	275	0.0	1500	1061	0	275	0.52	0	64.4	56.9	41.5	22.7	22.7
4-5 PM	1221	0.0	316	0.0	1500	1221	0	316	0.66	0	64.1	55.0	37.8	22.4	22.4
5-6 PM	1169	0.0	303	0.0	1500	1169	0	303	0.60	0	64.2	55.9	39.4	22.5	22.5
6-7 PM	938	0.0	243	0.0	1500	938	0	243	0.51	0	64.6	57.3	41.9	23.0	23.0
7-8 PM	769	0.0	200	0.0	1500	769	0	200	0.50	0	65.0	57.8	42.5	23.3	23.3
8-9 PM	562	0.0	145	0.0	1500	562	0	145	0.48	0	65.3	58.3	43.3	23.7	23.7
9-10 PM	402	0.0	104	0.0	1500	402	0	104	0.46	0	65.6	58.7	43.9	24.0	24.0
10-11 PM	273	0.0	71	0.0	1500	273	0	71	0.45	0	65.9	59.1	44.4	24.3	24.3
11PM-MID	167	0.0	43	0.0	1500	167	0	43	0.44	0	66.1	59.4	44.8	24.5	24.5

----- 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	0.0097
MAIN ROUTE WITH WORKS	0.0088
DIVERSION	0.0342

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,134
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**

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 Construction Season

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SUNDAY NORTHBOUND DIRECTION

