

USH 41: STH 67 TO STH 60 (WASHINGTON AND DODGE COUNTIES) OFF-PEAK DAY CLOSURE DIVERSION ROUTE: CTH K - STH 175 - STH 33	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		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	142	0.0	37	0.0	OFF	142	0	37	0.00	0	66.1	66.1	66.1	24.5	24.5
1-2 AM	102	0.0	27	0.0	OFF	102	0	27	0.00	0	66.2	66.2	66.2	24.7	24.7
2-3 AM	76	0.0	20	0.0	OFF	76	0	20	0.00	0	66.3	66.3	66.3	24.7	24.7
3-4 AM	80	0.0	21	0.0	OFF	80	0	21	0.00	0	66.3	66.3	66.3	24.7	24.7
4-5 AM	89	0.0	23	0.0	OFF	89	0	23	0.00	0	66.2	66.2	66.2	24.7	24.7
5-6 AM	119	0.0	31	0.0	OFF	119	0	31	0.00	0	66.1	66.1	66.1	24.6	24.6
6-7 AM	187	0.0	48	0.0	OFF	187	0	48	0.00	0	66.0	66.0	66.0	24.5	24.5
7-8 AM	298	0.0	77	0.0	OFF	298	0	77	0.00	0	65.8	65.8	65.8	24.2	24.2
8-9 AM	486	0.0	126	0.0	OFF	486	0	126	0.00	0	65.5	65.5	65.5	23.8	23.8
9-10 AM	818	0.0	212	0.0	1500	818	0	212	0.50	0	64.8	57.6	42.4	23.2	23.2
10-11 AM	1170	0.0	303	0.0	1499	1170	0	303	0.62	0	64.2	55.7	39.1	22.5	22.5
11A-NOON	1491	0.0	386	0.0	1499	1491	0	386	1.17	5	63.6	49.4	31.4	21.9	21.9
NOON-1PM	1582	0.0	410	0.0	1500	1582	0	410	2.97	55	63.5	36.6	30.8	21.7	21.7
1-2 PM	1727	0.0	448	0.0	1500	1727	0	448	8.36	209	63.2	20.7	30.8	21.4	21.4
2-3 PM	1830	0.0	475	0.0	1500	1717	113	587	17.91	463	63.0	11.7	30.8	21.2	20.4
3-4 PM	1957	0.0	506	0.0	1499	1555	401	908	22.45	579	62.7	10.0	30.8	20.9	18.1
4-5 PM	2042	0.0	529	0.0	1500	1528	514	1043	24.13	625	62.6	9.7	30.8	20.8	17.2
5-6 PM	1892	0.0	490	0.0	1499	1427	465	955	23.03	595	62.8	9.9	30.8	21.1	17.8
6-7 PM	1620	0.0	420	0.0	1500	1404	216	636	19.66	504	63.3	10.9	30.8	21.6	20.0
7-8 PM	1308	0.0	339	0.0	OFF	1308	0	339	0.65	39	64.0	55.0	55.0	22.2	22.2
8-9 PM	828	0.0	214	0.0	OFF	828	0	214	0.00	0	64.8	64.8	64.8	23.2	23.2
9-10 PM	501	0.0	130	0.0	OFF	501	0	130	0.00	0	65.5	65.5	65.5	23.8	23.8
10-11 PM	292	0.0	75	0.0	OFF	292	0	75	0.00	0	65.8	65.8	65.8	24.3	24.3
11PM-MID	176	0.0	45	0.0	OFF	176	0	45	0.00	0	66.1	66.1	66.1	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	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	0.0142
MAIN ROUTE WITH WORKS	0.0121
DIVERSION	0.0659

PIA: Personal Injury Accidents

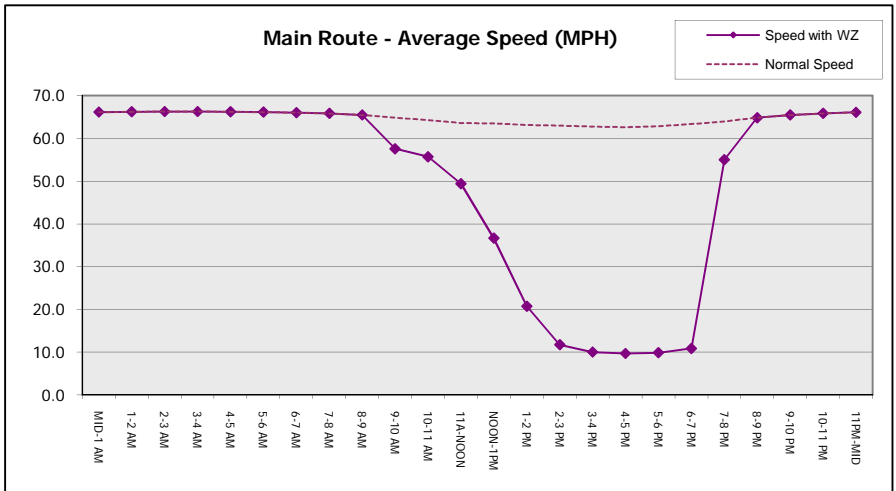
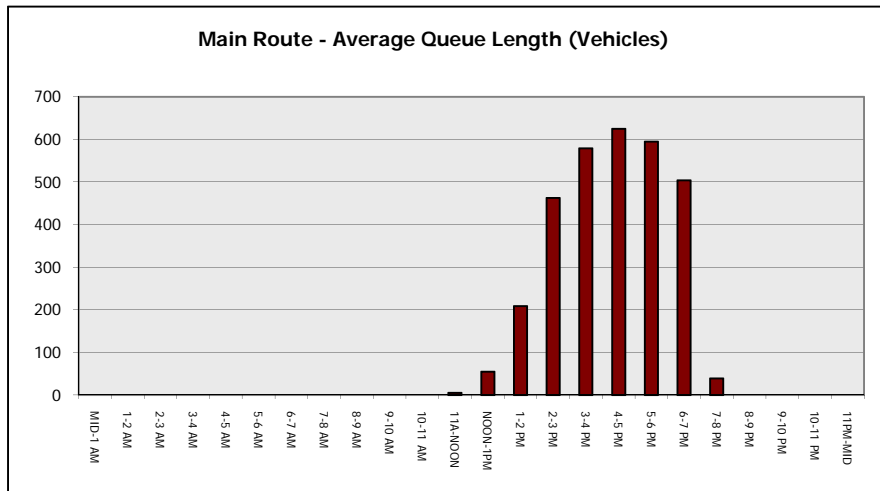
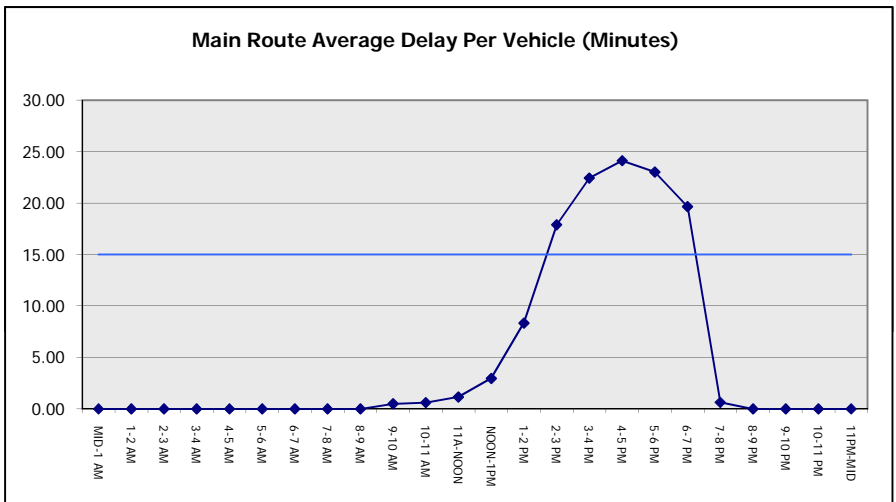
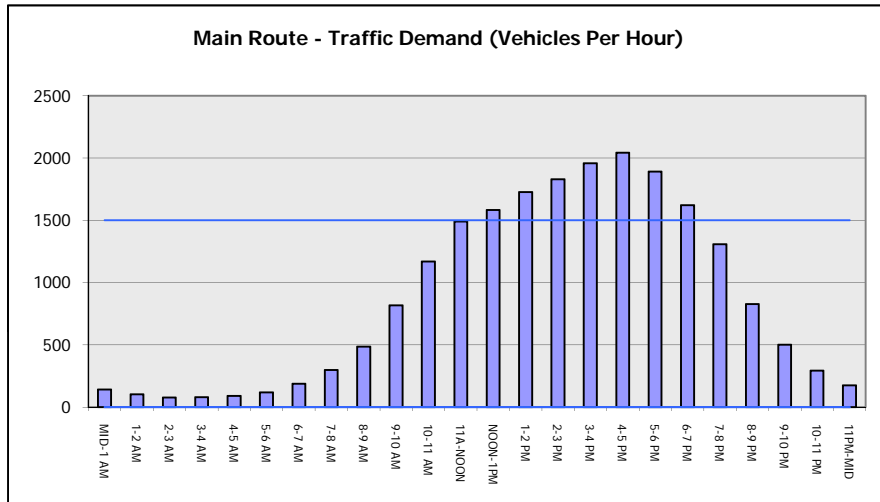
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$65,057
CONGESTED HOURS PER DAY*	5

*Delays Exceeding 15 Minutes

USH 41: STH 67 TO STH 60 (WASHINGTON AND DODGE COUNTIES)
OFF-PEAK DAY CLOSURE
DIVERSION ROUTE: CTH K - STH 175 - STH 33

OCTOBER
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY SOUTHBOUND DIRECTION



USH 41: STH 67 TO STH 60 (WASHINGTON AND DODGE COUNTIES) OFF-PEAK DAY CLOSURE DIVERSION ROUTE: CTH K - STH 175 - STH 33	OCTOBER Analyzed for 2009 Construction Season
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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	168	0.0	43	0.0	OFF	168	0	43	0.00	0	66.1	66.1	66.1	24.5	24.5
1-2 AM	101	0.0	26	0.0	OFF	101	0	26	0.00	0	66.2	66.2	66.2	24.7	24.7
2-3 AM	76	0.0	20	0.0	OFF	76	0	20	0.00	0	66.3	66.3	66.3	24.7	24.7
3-4 AM	70	0.0	18	0.0	OFF	70	0	18	0.00	0	66.3	66.3	66.3	24.7	24.7
4-5 AM	75	0.0	20	0.0	OFF	75	0	20	0.00	0	66.3	66.3	66.3	24.7	24.7
5-6 AM	161	0.0	41	0.0	OFF	161	0	41	0.00	0	66.1	66.1	66.1	24.5	24.5
6-7 AM	230	0.0	60	0.0	OFF	230	0	60	0.00	0	66.0	66.0	66.0	24.4	24.4
7-8 AM	426	0.0	110	0.0	OFF	426	0	110	0.00	0	65.6	65.6	65.6	24.0	24.0
8-9 AM	649	0.0	168	0.0	OFF	649	0	168	0.00	0	65.2	65.2	65.2	23.5	23.5
9-10 AM	729	0.0	188	0.0	1500	729	0	188	0.49	0	65.0	57.8	42.7	23.4	23.4
10-11 AM	922	0.0	239	0.0	1500	922	0	239	0.51	0	64.6	57.3	42.0	23.0	23.0
11A-NOON	1060	0.0	275	0.0	1500	1060	0	275	0.52	0	64.4	56.9	41.5	22.7	22.7
NOON-1PM	1065	0.0	276	0.0	1500	1065	0	276	0.53	0	64.4	56.9	41.4	22.7	22.7
1-2 PM	1054	0.0	273	0.0	1500	1054	0	273	0.52	0	64.4	56.9	41.5	22.7	22.7
2-3 PM	1080	0.0	280	0.0	1500	1080	0	280	0.53	0	64.4	56.9	41.4	22.7	22.7
3-4 PM	1146	0.0	296	0.0	1500	1146	0	296	0.57	0	64.3	56.3	40.2	22.5	22.5
4-5 PM	1116	0.0	289	0.0	1500	1116	0	289	0.53	0	64.3	56.8	41.3	22.6	22.6
5-6 PM	989	0.0	256	0.0	1500	989	0	256	0.52	0	64.5	57.1	41.7	22.9	22.9
6-7 PM	868	0.0	224	0.0	1500	868	0	224	0.51	0	64.8	57.4	42.2	23.1	23.1
7-8 PM	675	0.0	175	0.0	OFF	675	0	175	0.00	0	65.1	65.1	65.1	23.5	23.5
8-9 PM	505	0.0	131	0.0	OFF	505	0	131	0.00	0	65.5	65.5	65.5	23.8	23.8
9-10 PM	345	0.0	90	0.0	OFF	345	0	90	0.00	0	65.8	65.8	65.8	24.2	24.2
10-11 PM	237	0.0	62	0.0	OFF	237	0	62	0.00	0	66.0	66.0	66.0	24.3	24.3
11PM-MID	189	0.0	49	0.0	OFF	189	0	49	0.00	0	66.0	66.0	66.0	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	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	0.0095
MAIN ROUTE WITH WORKS	0.0089
DIVERSION	0.0335

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,527
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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OFF-PEAK DAY CLOSURE
DIVERSION ROUTE: CTH K - STH 175 - STH 33

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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY NORTHBOUND DIRECTION

