

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

MAY
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	101	0.0	26	0.0	OFF	101	0	26	0.00	0	66.2	66.2	66.2	24.7	24.7
1-2 AM	94	0.0	24	0.0	OFF	94	0	24	0.00	0	66.2	66.2	66.2	24.7	24.7
2-3 AM	110	0.0	29	0.0	OFF	110	0	29	0.00	0	66.2	66.2	66.2	24.6	24.6
3-4 AM	149	0.0	38	0.0	OFF	149	0	38	0.00	0	66.1	66.1	66.1	24.5	24.5
4-5 AM	293	0.0	76	0.0	OFF	293	0	76	0.00	0	65.8	65.8	65.8	24.3	24.3
5-6 AM	686	0.0	178	0.0	OFF	686	0	178	0.00	0	65.1	65.1	65.1	23.5	23.5
6-7 AM	998	0.0	258	0.0	OFF	998	0	258	0.00	0	64.5	64.5	64.5	22.9	22.9
7-8 AM	1085	0.0	281	0.0	OFF	1085	0	281	0.00	0	64.3	64.3	64.3	22.7	22.7
8-9 AM	944	0.0	245	0.0	OFF	944	0	245	0.00	0	64.6	64.6	64.6	23.0	23.0
9-10 AM	881	0.0	228	0.0	1500	881	0	228	0.51	0	64.8	57.4	42.1	23.1	23.1
10-11 AM	914	0.0	237	0.0	1500	914	0	237	0.51	0	64.7	57.3	42.0	23.0	23.0
11A-NOON	933	0.0	242	0.0	1500	933	0	242	0.51	0	64.6	57.3	41.9	23.0	23.0
NOON-1PM	953	0.0	247	0.0	1500	953	0	247	0.51	0	64.6	57.3	41.9	22.9	22.9
1-2 PM	1127	0.0	292	0.0	1500	1127	0	292	0.54	0	64.3	56.6	40.9	22.6	22.6
2-3 PM	1152	0.0	298	0.0	1500	1152	0	298	0.57	0	64.2	56.2	40.1	22.5	22.5
3-4 PM	1261	0.0	326	0.0	1500	1261	0	326	0.72	0	64.0	54.4	36.6	22.4	22.4
4-5 PM	1347	0.0	349	0.0	OFF	1347	0	349	0.00	0	63.9	63.9	63.9	22.2	22.2
5-6 PM	1296	0.0	336	0.0	OFF	1296	0	336	0.00	0	64.0	64.0	64.0	22.3	22.3
6-7 PM	929	0.0	241	0.0	OFF	929	0	241	0.00	0	64.6	64.6	64.6	23.0	23.0
7-8 PM	715	0.0	185	0.0	OFF	715	0	185	0.00	0	65.1	65.1	65.1	23.4	23.4
8-9 PM	536	0.0	139	0.0	OFF	536	0	139	0.00	0	65.4	65.4	65.4	23.8	23.8
9-10 PM	457	0.0	118	0.0	OFF	457	0	118	0.00	0	65.5	65.5	65.5	23.9	23.9
10-11 PM	312	0.0	81	0.0	OFF	312	0	81	0.00	0	65.8	65.8	65.8	24.2	24.2
11PM-MID	210	0.0	55	0.0	OFF	210	0	55	0.00	0	66.0	66.0	66.0	24.4	24.4

"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	0.0120
MAIN ROUTE WITH WORKS	0.0115
DIVERSION	0.0420

PIA: Personal Injury Accidents

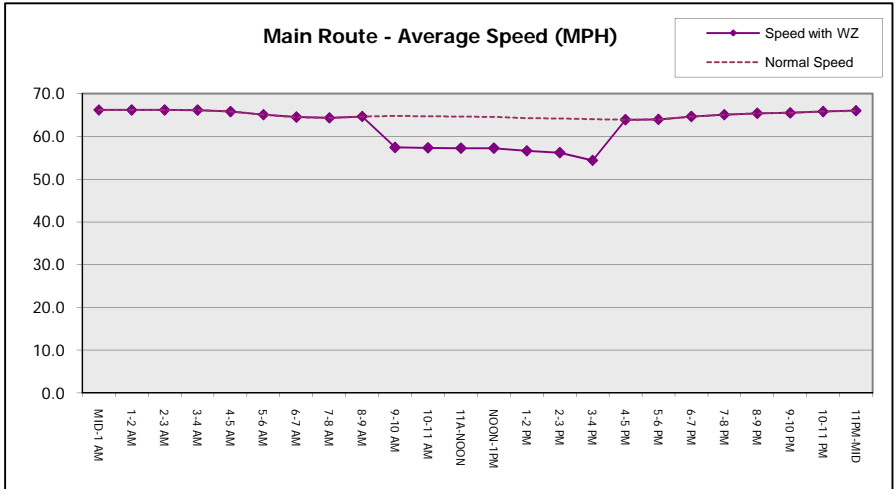
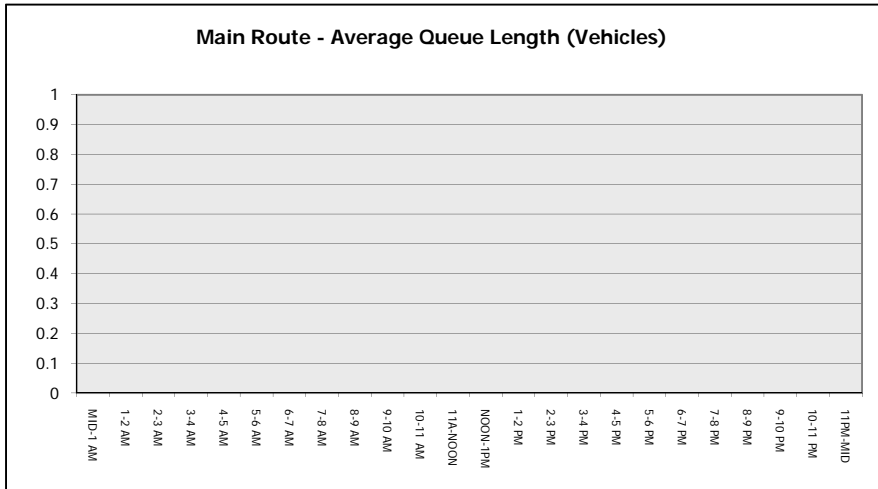
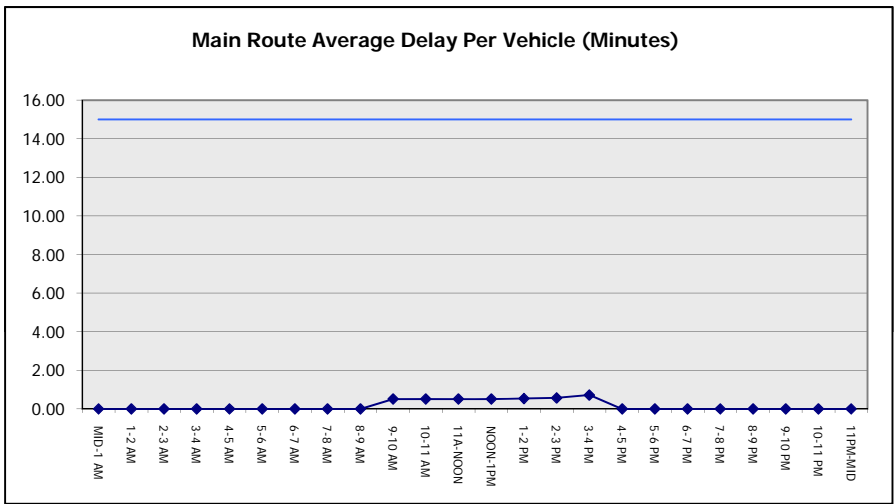
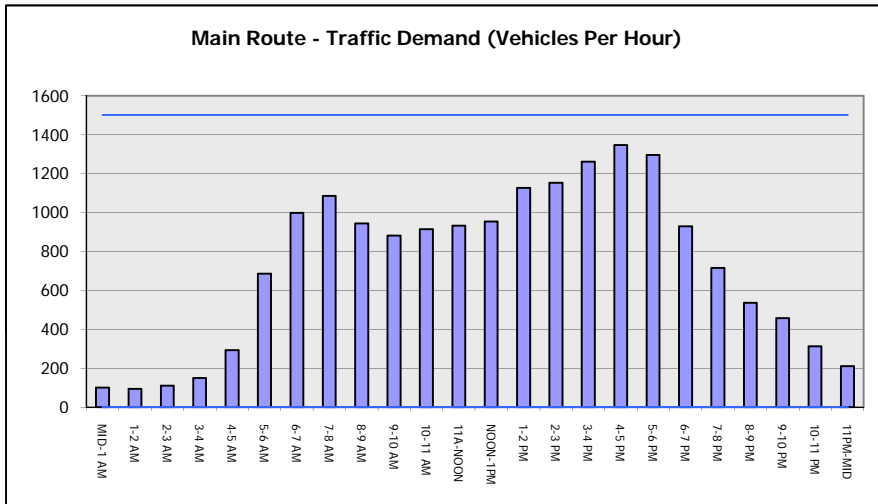
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$712
CONGESTED HOURS PER DAY*	0

*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

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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY 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	MAY
	Analyzed for 2009 Construction Season

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	188	0.0	48	0.0	OFF	188	0	48	0.00	0	66.0	66.0	66.0	24.5	24.5	
1-2 AM	146	0.0	38	0.0	OFF	146	0	38	0.00	0	66.1	66.1	66.1	24.5	24.5	
2-3 AM	108	0.0	28	0.0	OFF	108	0	28	0.00	0	66.2	66.2	66.2	24.7	24.7	
3-4 AM	128	0.0	33	0.0	OFF	128	0	33	0.00	0	66.1	66.1	66.1	24.6	24.6	
4-5 AM	219	0.0	57	0.0	OFF	219	0	57	0.00	0	66.0	66.0	66.0	24.4	24.4	
5-6 AM	436	0.0	113	0.0	OFF	436	0	113	0.00	0	65.6	65.6	65.6	24.0	24.0	
6-7 AM	781	0.0	203	0.0	OFF	781	0	203	0.00	0	65.0	65.0	65.0	23.3	23.3	
7-8 AM	984	0.0	255	0.0	OFF	984	0	255	0.00	0	64.5	64.5	64.5	22.9	22.9	
8-9 AM	1003	0.0	259	0.0	OFF	1003	0	259	0.00	0	64.5	64.5	64.5	22.9	22.9	
9-10 AM	1156	0.0	299	0.0	1500	1156	0	299	0.58	0	64.2	56.1	39.9	22.5	22.5	
10-11 AM	1241	0.0	321	0.0	1500	1241	0	321	0.69	0	64.1	54.7	37.2	22.4	22.4	
11A-NOON	1223	0.0	317	0.0	1500	1223	0	317	0.67	0	64.1	55.0	37.8	22.4	22.4	
NOON-1PM	1383	0.0	358	0.0	1499	1383	0	358	0.87	0	63.8	52.5	33.4	22.1	22.1	
1-2 PM	1556	0.0	403	0.0	1499	1556	0	403	1.62	17	63.5	45.4	30.8	21.7	21.7	
2-3 PM	1725	0.0	447	0.0	1500	1725	0	447	6.16	151	63.2	25.2	30.8	21.4	21.4	
3-4 PM	2118	0.0	549	0.0	1500	1890	229	777	19.46	518	62.4	11.2	30.8	20.6	19.1	
4-5 PM	2329	0.0	603	0.0	OFF	2329	0	603	2.49	134	62.0	38.8	38.8	20.2	20.2	
5-6 PM	2274	0.0	589	0.0	OFF	2274	0	589	0.00	0	62.2	62.2	62.2	20.3	20.3	
6-7 PM	1734	0.0	450	0.0	OFF	1734	0	450	0.00	0	63.2	63.2	63.2	21.4	21.4	
7-8 PM	1239	0.0	321	0.0	OFF	1239	0	321	0.00	0	64.1	64.1	64.1	22.4	22.4	
8-9 PM	868	0.0	224	0.0	OFF	868	0	224	0.00	0	64.8	64.8	64.8	23.1	23.1	
9-10 PM	721	0.0	186	0.0	OFF	721	0	186	0.00	0	65.0	65.0	65.0	23.4	23.4	
10-11 PM	627	0.0	163	0.0	OFF	627	0	163	0.00	0	65.2	65.2	65.2	23.6	23.6	
11PM-MID	469	0.0	121	0.0	OFF	469	0	121	0.00	0	65.5	65.5	65.5	23.9	23.9	

"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	0.0169
MAIN ROUTE WITH WORKS	0.0160
DIVERSION	0.0614

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$11,197
CONGESTED HOURS PER DAY*	1

*Delays Exceeding 15 Minutes

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OFF-PEAK DAY CLOSURE
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FRIDAY NORTHBOUND DIRECTION

