

USH 41/45: USH 41 & USH 45 TO CTH Q (WASHINGTON COUNTY) NIGHTTIME 2 LANE CLOSURE DIVERSION ROUTE: STH 167 - STH 175 - PIONEER RD	MAY
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR 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	256	0.0	17	0.0	1500	256	0	17	0.50	0	70.2	55.8	44.5	24.7	24.7
1-2 AM	162	0.0	11	0.0	1500	162	0	11	0.49	0	70.2	56.1	44.8	24.8	24.8
2-3 AM	156	0.0	10	0.0	1500	156	0	10	0.49	0	70.2	56.1	44.8	24.8	24.8
3-4 AM	253	0.0	17	0.0	1500	253	0	17	0.50	0	70.2	55.9	44.5	24.7	24.7
4-5 AM	541	0.0	36	0.0	1500	541	0	36	0.54	0	70.0	55.0	43.3	24.6	24.6
5-6 AM	1773	0.0	119	0.0	OFF	1773	0	119	0.00	0	68.6	68.6	68.6	23.9	23.9
6-7 AM	3661	0.0	246	0.0	OFF	3661	0	246	0.00	0	65.8	65.8	65.8	23.0	23.0
7-8 AM	4222	0.0	284	0.0	OFF	4222	0	284	0.00	0	62.0	62.0	62.0	22.7	22.7
8-9 AM	2735	0.0	184	0.0	OFF	2735	0	184	0.00	0	67.3	67.3	67.3	23.4	23.4
9-10 AM	2046	0.0	138	0.0	OFF	2046	0	138	0.00	0	68.2	68.2	68.2	23.8	23.8
10-11 AM	1969	0.0	133	0.0	OFF	1969	0	133	0.00	0	68.3	68.3	68.3	23.8	23.8
11A-NOON	1990	0.0	134	0.0	OFF	1990	0	134	0.00	0	68.2	68.2	68.2	23.8	23.8
NOON-1PM	2048	0.0	138	0.0	OFF	2048	0	138	0.00	0	68.2	68.2	68.2	23.8	23.8
1-2 PM	2077	0.0	140	0.0	OFF	2077	0	140	0.00	0	68.1	68.1	68.1	23.8	23.8
2-3 PM	2410	0.0	161	0.0	OFF	2410	0	161	0.00	0	67.8	67.8	67.8	23.6	23.6
3-4 PM	2659	0.0	179	0.0	OFF	2659	0	179	0.00	0	67.4	67.4	67.4	23.5	23.5
4-5 PM	2626	0.0	176	0.0	OFF	2626	0	176	0.00	0	67.4	67.4	67.4	23.5	23.5
5-6 PM	2332	0.0	156	0.0	OFF	2332	0	156	0.00	0	67.8	67.8	67.8	23.7	23.7
6-7 PM	1765	0.0	118	0.0	OFF	1765	0	118	0.00	0	68.6	68.6	68.6	23.9	23.9
7-8 PM	1315	0.0	88	0.0	1500	1315	0	88	0.86	0	69.1	48.4	35.1	24.2	24.2
8-9 PM	1139	0.0	76	0.0	1500	1139	0	76	0.63	0	69.3	52.7	40.6	24.3	24.3
9-10 PM	975	0.0	66	0.0	1500	975	0	66	0.58	0	69.6	53.7	41.8	24.3	24.3
10-11 PM	750	0.0	50	0.0	1500	750	0	50	0.56	0	69.8	54.4	42.6	24.5	24.5
11PM-MID	556	0.0	37	0.0	1500	556	0	37	0.54	0	70.0	55.0	43.3	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	0.0148
MAIN ROUTE WITH WORKS	0.0144
DIVERSION	0.0131

PIA: Personal Injury Accidents

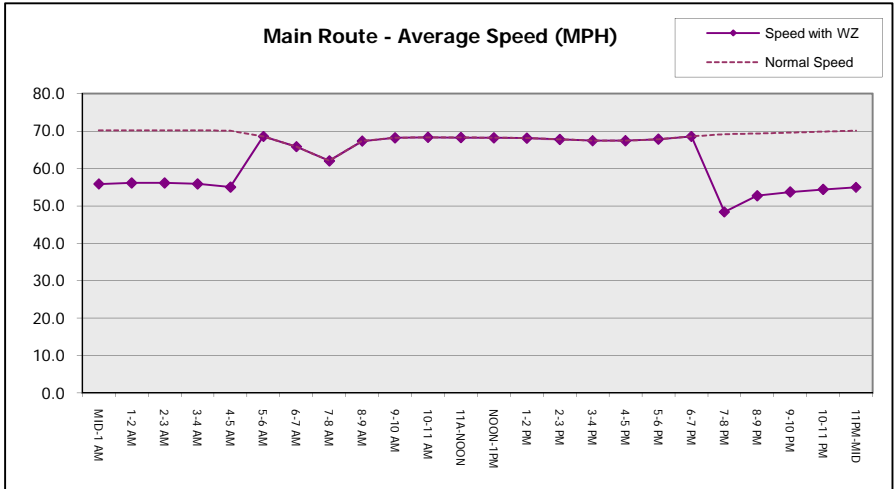
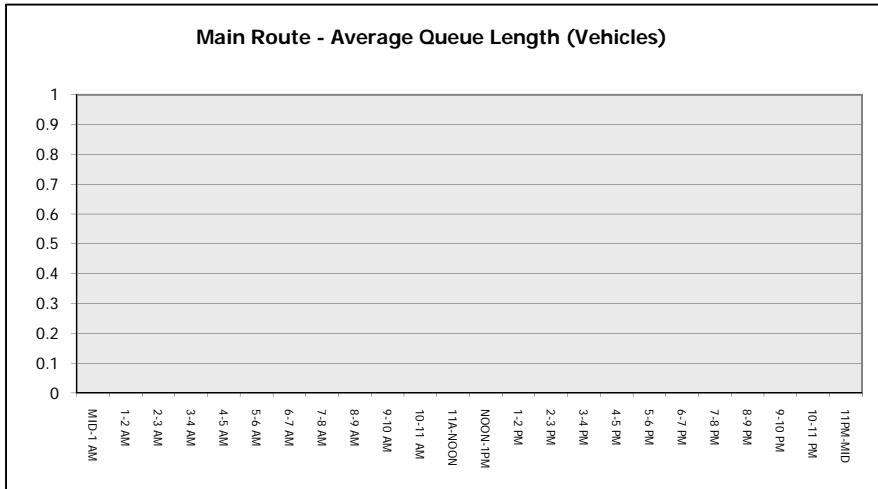
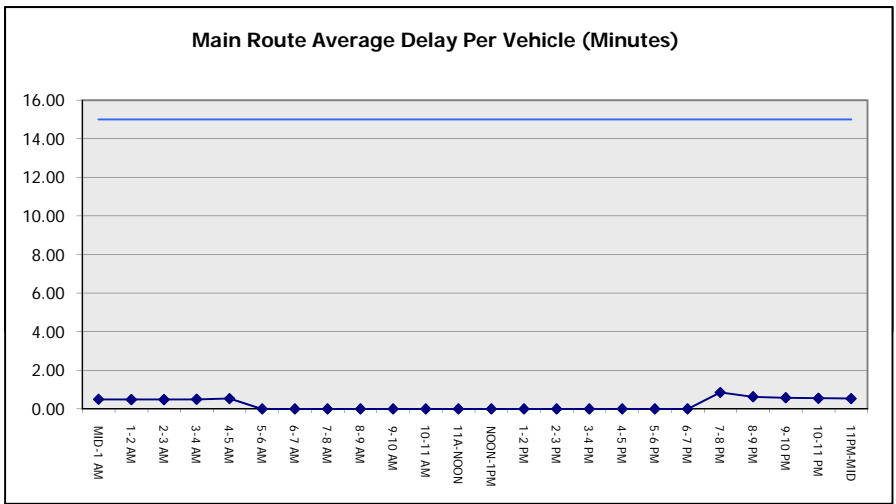
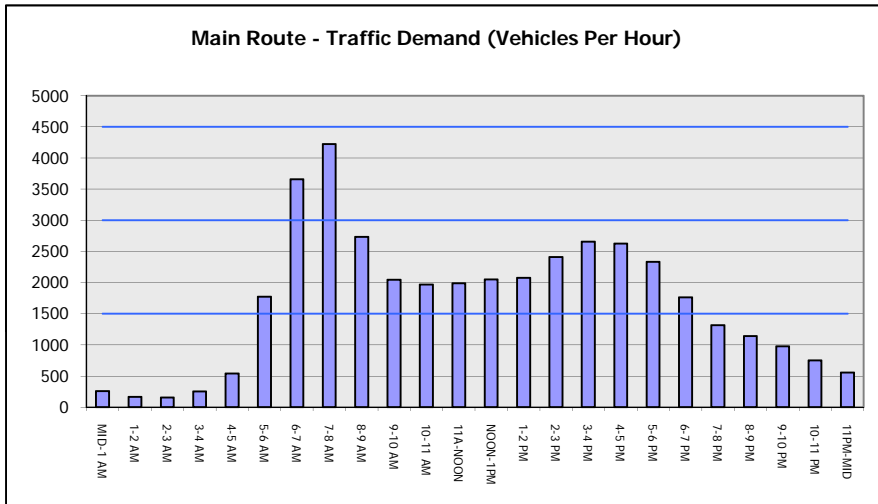
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$809
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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NIGHTTIME 2 LANE CLOSURE
DIVERSION ROUTE: STH 167 - STH 175 - PIONEER RD

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR SOUTHBOUND DIRECTION



USH 41/45: USH 41 & USH 45 TO CTH Q (WASHINGTON COUNTY) NIGHTTIME 2 LANE CLOSURE DIVERSION ROUTE: STH 167 - STH 175 - PIONEER RD	MAY
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SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR 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		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	272	0.0	19	0.0	1500	272	0	19	0.51	0	70.2	55.8	44.4	24.7	24.7
1-2 AM	183	0.0	12	0.0	1500	183	0	12	0.49	0	70.2	56.1	44.8	24.7	24.7
2-3 AM	161	0.0	10	0.0	1500	161	0	10	0.49	0	70.2	56.1	44.8	24.8	24.8
3-4 AM	196	0.0	13	0.0	1500	196	0	13	0.50	0	70.2	56.0	44.7	24.7	24.7
4-5 AM	410	0.0	28	0.0	1500	410	0	28	0.52	0	70.2	55.5	43.8	24.7	24.7
5-6 AM	1128	0.0	76	0.0	OFF	1128	0	76	0.00	0	69.3	69.3	69.3	24.3	24.3
6-7 AM	2032	0.0	137	0.0	OFF	2032	0	137	0.00	0	68.2	68.2	68.2	23.8	23.8
7-8 AM	2017	0.0	136	0.0	OFF	2017	0	136	0.00	0	68.2	68.2	68.2	23.8	23.8
8-9 AM	1840	0.0	123	0.0	OFF	1840	0	123	0.00	0	68.4	68.4	68.4	23.9	23.9
9-10 AM	1644	0.0	110	0.0	OFF	1644	0	110	0.00	0	68.7	68.7	68.7	24.0	24.0
10-11 AM	1694	0.0	114	0.0	OFF	1694	0	114	0.00	0	68.6	68.6	68.6	24.0	24.0
11A-NOON	1908	0.0	129	0.0	OFF	1908	0	129	0.00	0	68.4	68.4	68.4	23.8	23.8
NOON-1PM	1989	0.0	134	0.0	OFF	1989	0	134	0.00	0	68.2	68.2	68.2	23.8	23.8
1-2 PM	2114	0.0	142	0.0	OFF	2114	0	142	0.00	0	68.1	68.1	68.1	23.7	23.7
2-3 PM	2833	0.0	190	0.0	OFF	2833	0	190	0.00	0	67.2	67.2	67.2	23.3	23.3
3-4 PM	3611	0.0	243	0.0	OFF	3611	0	243	0.00	0	66.2	66.2	66.2	23.0	23.0
4-5 PM	4168	0.0	280	0.0	OFF	4168	0	280	0.00	0	62.4	62.4	62.4	22.7	22.7
5-6 PM	3830	0.0	257	0.0	OFF	3830	0	257	0.00	0	64.7	64.7	64.7	22.9	22.9
6-7 PM	2162	0.0	145	0.0	OFF	2162	0	145	0.00	0	68.1	68.1	68.1	23.7	23.7
7-8 PM	1493	0.0	100	0.0	1499	1493	0	100	1.95	24	68.9	34.8	31.6	24.1	24.1
8-9 PM	1267	0.0	85	0.0	1500	1267	0	85	0.79	0	69.2	49.4	36.4	24.2	24.2
9-10 PM	1108	0.0	74	0.0	1500	1108	0	74	0.60	0	69.4	53.3	41.3	24.3	24.3
10-11 PM	935	0.0	63	0.0	1500	935	0	63	0.58	0	69.6	53.8	41.9	24.3	24.3
11PM-MID	532	0.0	36	0.0	1500	532	0	36	0.54	0	70.0	55.1	43.4	24.6	24.6

"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	0.0145
MAIN ROUTE WITH WORKS	0.0140
DIVERSION	0.0128

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,271
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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NIGHTTIME 2 LANE CLOSURE
DIVERSION ROUTE: STH 167 - STH 175 - PIONEER RD

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR NORTHBOUND DIRECTION

