

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

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	306	0.0	21	0.0	1500	306	0	21	0.51	0	70.2	55.7	44.3	24.7	24.7
1-2 AM	213	0.0	14	0.0	1500	213	0	14	0.50	0	70.2	56.0	44.6	24.7	24.7
2-3 AM	196	0.0	13	0.0	1500	196	0	13	0.50	0	70.2	56.0	44.7	24.7	24.7
3-4 AM	255	0.0	17	0.0	1500	255	0	17	0.50	0	70.2	55.8	44.5	24.7	24.7
4-5 AM	552	0.0	37	0.0	1500	552	0	37	0.54	0	70.0	55.0	43.3	24.5	24.5
5-6 AM	1738	0.0	116	0.0	OFF	1738	0	116	0.00	0	68.6	68.6	68.6	24.0	24.0
6-7 AM	3496	0.0	235	0.0	OFF	3496	0	235	0.00	0	66.4	66.4	66.4	23.0	23.0
7-8 AM	4103	0.0	276	0.0	OFF	4103	0	276	0.00	0	62.8	62.8	62.8	22.7	22.7
8-9 AM	2653	0.0	178	0.0	OFF	2653	0	178	0.00	0	67.4	67.4	67.4	23.5	23.5
9-10 AM	2140	0.0	144	0.0	OFF	2140	0	144	0.00	0	68.1	68.1	68.1	23.7	23.7
10-11 AM	2003	0.0	135	0.0	OFF	2003	0	135	0.00	0	68.2	68.2	68.2	23.8	23.8
11A-NOON	2140	0.0	144	0.0	OFF	2140	0	144	0.00	0	68.1	68.1	68.1	23.7	23.7
NOON-1PM	2234	0.0	150	0.0	OFF	2234	0	150	0.00	0	67.9	67.9	67.9	23.7	23.7
1-2 PM	2261	0.0	152	0.0	OFF	2261	0	152	0.00	0	67.9	67.9	67.9	23.7	23.7
2-3 PM	2580	0.0	173	0.0	OFF	2580	0	173	0.00	0	67.5	67.5	67.5	23.5	23.5
3-4 PM	2897	0.0	194	0.0	OFF	2897	0	194	0.00	0	67.1	67.1	67.1	23.3	23.3
4-5 PM	2846	0.0	191	0.0	OFF	2846	0	191	0.00	0	67.2	67.2	67.2	23.3	23.3
5-6 PM	2652	0.0	178	0.0	OFF	2652	0	178	0.00	0	67.4	67.4	67.4	23.5	23.5
6-7 PM	2094	0.0	141	0.0	OFF	2094	0	141	0.00	0	68.1	68.1	68.1	23.8	23.8
7-8 PM	1545	0.0	104	0.0	1499	1545	0	104	2.93	48	68.8	27.9	30.8	24.0	24.0
8-9 PM	1250	0.0	84	0.0	1500	1250	0	84	0.92	4	69.2	47.3	36.8	24.2	24.2
9-10 PM	1185	0.0	79	0.0	1500	1185	0	79	0.69	0	69.2	51.5	38.9	24.2	24.2
10-11 PM	948	0.0	64	0.0	1500	948	0	64	0.58	0	69.6	53.8	41.9	24.3	24.3
11PM-MID	758	0.0	50	0.0	1500	758	0	50	0.56	0	69.8	54.3	42.5	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		0.0157
MAIN ROUTE WITH WORKS		0.0153
DIVERSION		0.0139

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,985
CONGESTED HOURS PER DAY*	0

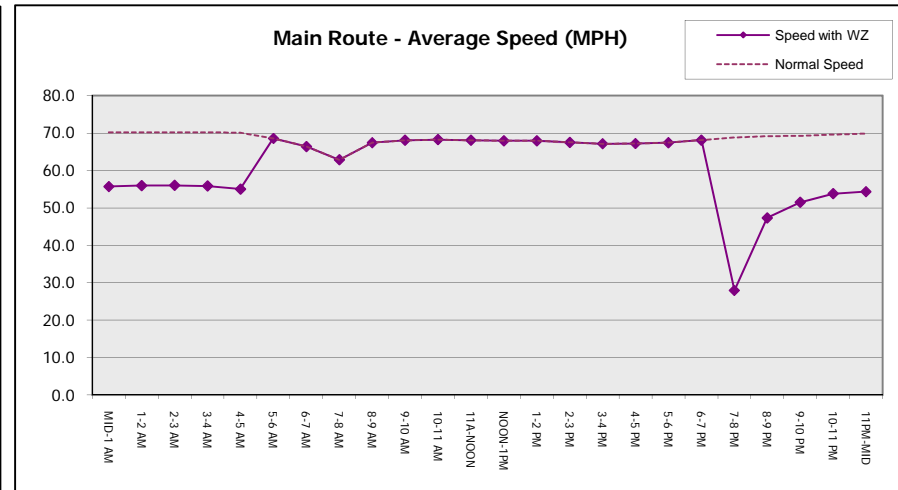
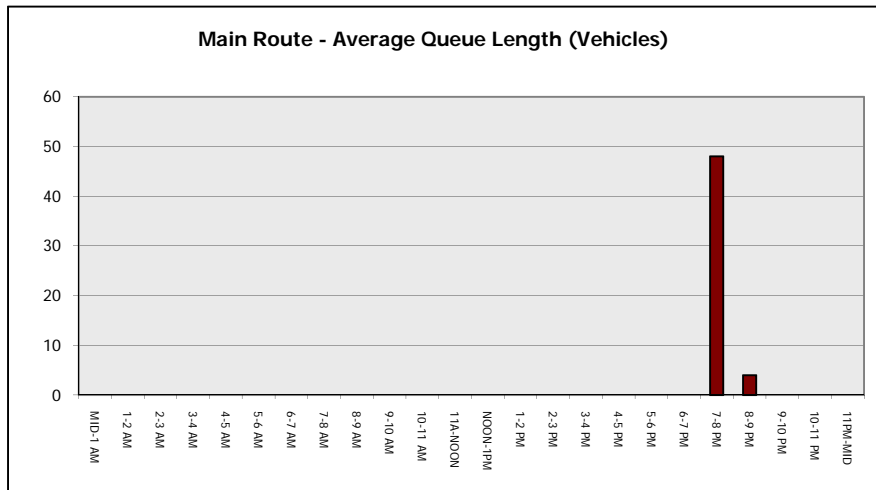
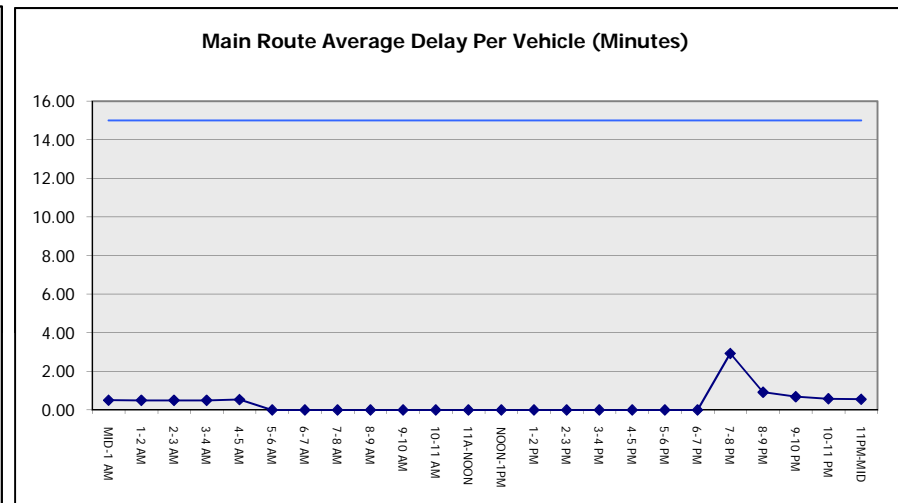
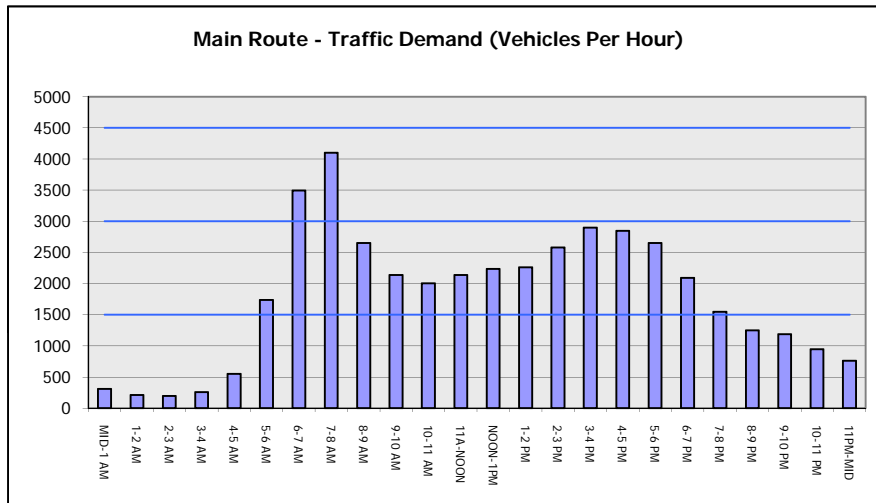
*Delays Exceeding 15 Minutes

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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

FRIDAY 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 Analyzed for 2009 Construction Season
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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	387	0.0	26	0.0	1500	387	0	26	0.52	0	70.2	55.5	44.0	24.7	24.7
1-2 AM	242	0.0	16	0.0	1500	242	0	16	0.50	0	70.2	55.9	44.5	24.7	24.7
2-3 AM	210	0.0	14	0.0	1500	210	0	14	0.50	0	70.2	56.0	44.6	24.7	24.7
3-4 AM	236	0.0	15	0.0	1500	236	0	15	0.50	0	70.2	55.9	44.5	24.7	24.7
4-5 AM	445	0.0	30	0.0	1500	445	0	30	0.53	0	70.2	55.3	43.7	24.6	24.6
5-6 AM	1132	0.0	76	0.0	OFF	1132	0	76	0.00	0	69.3	69.3	69.3	24.3	24.3
6-7 AM	2165	0.0	145	0.0	OFF	2165	0	145	0.00	0	68.1	68.1	68.1	23.7	23.7
7-8 AM	2122	0.0	142	0.0	OFF	2122	0	142	0.00	0	68.1	68.1	68.1	23.7	23.7
8-9 AM	1943	0.0	131	0.0	OFF	1943	0	131	0.00	0	68.3	68.3	68.3	23.8	23.8
9-10 AM	2021	0.0	136	0.0	OFF	2021	0	136	0.00	0	68.2	68.2	68.2	23.8	23.8
10-11 AM	2131	0.0	143	0.0	OFF	2131	0	143	0.00	0	68.1	68.1	68.1	23.7	23.7
11A-NOON	2421	0.0	163	0.0	OFF	2421	0	163	0.00	0	67.8	67.8	67.8	23.6	23.6
NOON-1PM	2629	0.0	177	0.0	OFF	2629	0	177	0.00	0	67.4	67.4	67.4	23.5	23.5
1-2 PM	2791	0.0	187	0.0	OFF	2791	0	187	0.00	0	67.3	67.3	67.3	23.4	23.4
2-3 PM	3455	0.0	232	0.0	OFF	3455	0	232	0.00	0	66.4	66.4	66.4	23.0	23.0
3-4 PM	4212	0.0	283	0.0	OFF	4212	0	283	0.00	0	62.1	62.1	62.1	22.7	22.7
4-5 PM	4740	0.0	318	0.0	OFF	4740	0	318	0.00	0	58.5	58.5	58.5	22.4	22.4
5-6 PM	4197	0.0	282	0.0	OFF	4197	0	282	0.00	0	62.2	62.2	62.2	22.7	22.7
6-7 PM	2754	0.0	185	0.0	OFF	2754	0	185	0.00	0	67.3	67.3	67.3	23.4	23.4
7-8 PM	1967	0.0	132	0.0	1499	1717	250	382	8.37	198	68.3	13.3	31.1	23.8	21.9
8-9 PM	1535	0.0	103	0.0	1500	1459	76	179	8.39	191	68.8	13.3	30.8	24.0	23.5
9-10 PM	1474	0.0	99	0.0	1500	1474	0	99	7.51	168	68.9	14.5	30.8	24.1	24.1
10-11 PM	1355	0.0	91	0.0	1499	1355	0	91	4.29	95	69.1	21.9	32.1	24.2	24.2
11PM-MID	874	0.0	59	0.0	1500	874	0	59	0.57	0	69.7	54.0	42.1	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 (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	0.0174
MAIN ROUTE WITH WORKS	0.0167
DIVERSION	0.0169

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$11,424
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

**USH 41/45: USH 41 & USH 45 TO CTH Q (WASHINGTON COUNTY)
 NIGHTTIME 2 LANE CLOSURE
 DIVERSION ROUTE: STH 167 - STH 175 - PIONEER RD**

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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY NORTHBOUND DIRECTION

