

USH 41: STH 60 TO USH 45 (WASHINGTON COUNTY) NIGHTTIME CLOSURE DIVERSION ROUTE: PIONEER RD - STH 175 - STH 164 - STH 60	AUGUST
	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	634	0.0	68	0.0	1500	634	0	68	0.48	0	65.2	57.8	43.0	24.3	24.3
1-2 AM	374	0.0	40	0.0	1500	374	0	40	0.46	0	65.7	58.5	44.0	24.5	24.5
2-3 AM	133	0.0	14	0.0	1500	133	0	14	0.44	0	66.1	59.2	45.0	24.7	24.7
3-4 AM	116	0.0	12	0.0	1500	116	0	12	0.43	0	66.2	59.2	45.0	24.7	24.7
4-5 AM	138	0.0	14	0.0	1500	138	0	14	0.44	0	66.1	59.2	45.0	24.7	24.7
5-6 AM	179	0.0	20	0.0	1500	179	0	20	0.44	0	66.1	59.1	44.8	24.7	24.7
6-7 AM	268	0.0	29	0.0	1500	268	0	29	0.45	0	65.9	58.8	44.4	24.6	24.6
7-8 AM	461	0.0	49	0.0	1500	461	0	49	0.47	0	65.5	58.2	43.7	24.5	24.5
8-9 AM	863	0.0	93	0.0	1500	863	0	93	0.51	0	64.8	57.1	42.2	24.2	24.2
9-10 AM	1480	0.0	158	0.0	OFF	1480	0	158	0.00	0	63.7	63.7	63.7	23.6	23.6
10-11 AM	2268	0.0	243	0.0	OFF	2268	0	243	0.00	0	62.2	62.2	62.2	23.0	23.0
11A-NOON	2734	0.0	292	0.0	OFF	2734	0	292	0.00	0	58.5	58.5	58.5	22.6	22.6
NOON-1PM	2779	0.0	297	0.0	OFF	2779	0	297	0.00	0	58.0	58.0	58.0	22.5	22.5
1-2 PM	2999	0.0	321	0.0	OFF	2999	0	321	0.00	0	55.8	55.8	55.8	22.4	22.4
2-3 PM	3060	0.0	327	0.0	OFF	3060	0	327	0.00	0	55.1	55.1	55.1	22.4	22.4
3-4 PM	2978	0.0	319	0.0	OFF	2978	0	319	0.00	0	56.0	56.0	56.0	22.4	22.4
4-5 PM	3374	0.0	361	0.0	OFF	3374	0	361	0.00	0	51.9	51.9	51.9	22.0	22.0
5-6 PM	2985	0.0	319	0.0	OFF	2985	0	319	0.00	0	55.9	55.9	55.9	22.4	22.4
6-7 PM	2565	0.0	275	0.0	OFF	2565	0	275	0.00	0	60.2	60.2	60.2	22.7	22.7
7-8 PM	2099	0.0	224	0.0	1499	1840	259	483	10.08	263	62.5	17.6	30.8	23.1	21.1
8-9 PM	1601	0.0	171	0.0	1499	1407	194	365	11.56	286	63.4	15.9	30.8	23.5	22.0
9-10 PM	972	0.0	104	0.0	1499	972	0	104	2.27	75	64.6	40.4	38.8	24.0	24.0
10-11 PM	552	0.0	59	0.0	1500	552	0	59	0.48	0	65.3	58.0	43.3	24.4	24.4
11PM-MID	273	0.0	29	0.0	1500	273	0	29	0.45	0	65.9	58.8	44.4	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 (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	0.0234
MAIN ROUTE WITH WORKS	0.0226
DIVERSION	0.0287

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$12,312
CONGESTED HOURS PER DAY*	0

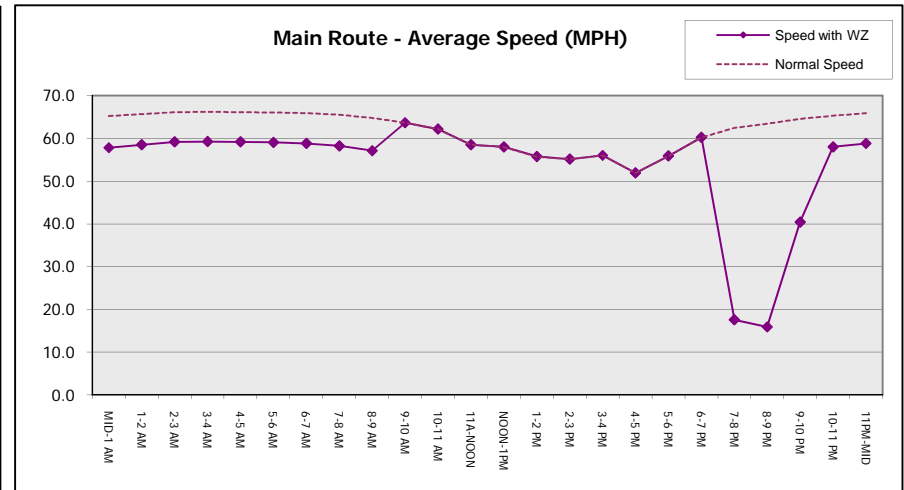
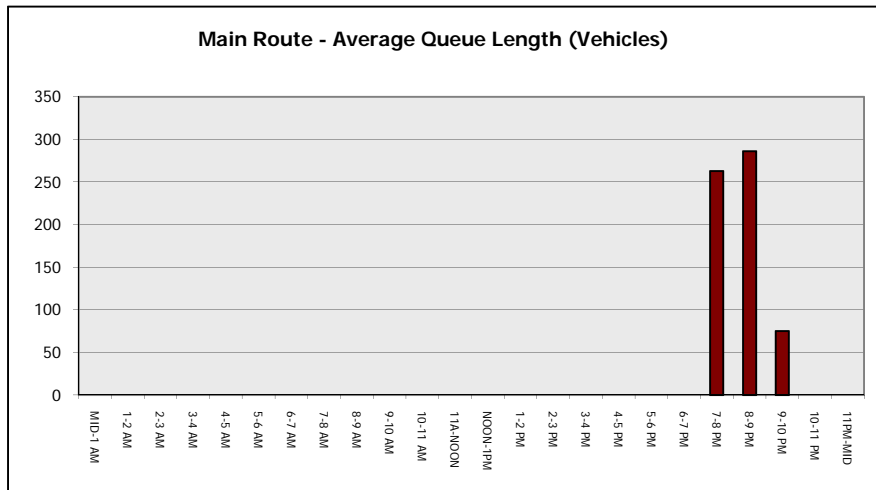
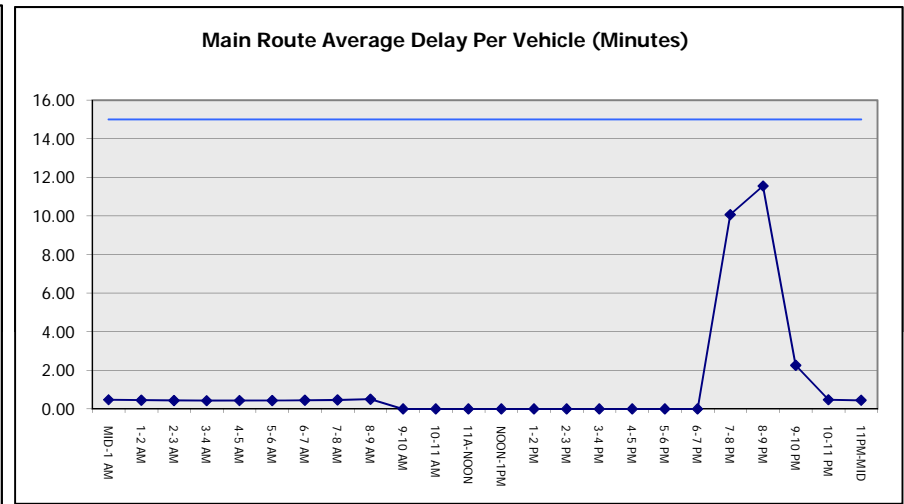
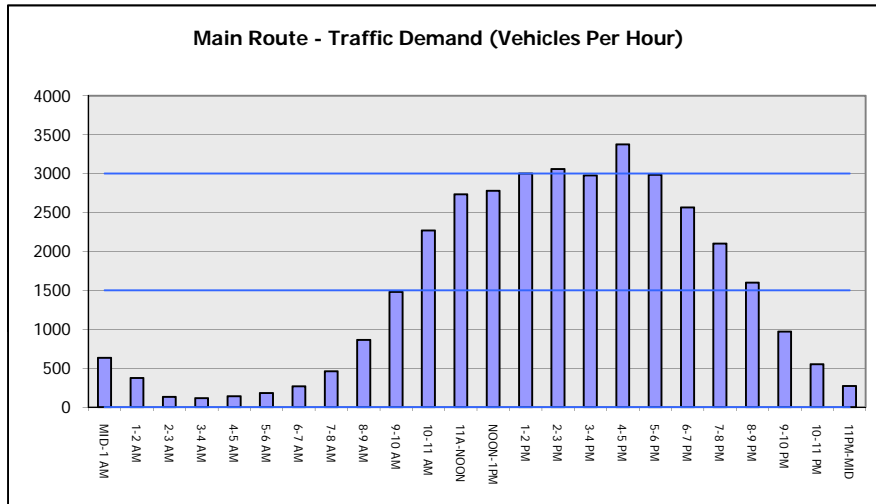
*Delays Exceeding 15 Minutes

**USH 41: STH 60 TO USH 45 (WASHINGTON COUNTY)
 NIGHTTIME CLOSURE
 DIVERSION ROUTE: PIONEER RD - STH 175 - STH 164 - STH 60**

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SUNDAY SOUTHBOUND DIRECTION



USH 41: STH 60 TO USH 45 (WASHINGTON COUNTY) NIGHTTIME CLOSURE DIVERSION ROUTE: PIONEER RD - STH 175 - STH 164 - STH 60	AUGUST
	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	293	0.0	31	0.0	1500	293	0	31	0.45	0	65.8	58.7	44.3	24.6	24.6
1-2 AM	198	0.0	22	0.0	1500	198	0	22	0.44	0	66.0	59.0	44.7	24.7	24.7
2-3 AM	113	0.0	12	0.0	1500	113	0	12	0.43	0	66.2	59.2	45.0	24.7	24.7
3-4 AM	88	0.0	9	0.0	1500	88	0	9	0.43	0	66.2	59.3	45.1	24.8	24.8
4-5 AM	96	0.0	10	0.0	1500	96	0	10	0.43	0	66.2	59.3	45.1	24.8	24.8
5-6 AM	146	0.0	15	0.0	1500	146	0	15	0.44	0	66.1	59.2	44.9	24.7	24.7
6-7 AM	296	0.0	32	0.0	1500	296	0	32	0.45	0	65.8	58.7	44.3	24.6	24.6
7-8 AM	503	0.0	54	0.0	1500	503	0	54	0.47	0	65.5	58.1	43.5	24.4	24.4
8-9 AM	796	0.0	85	0.0	1500	796	0	85	0.50	0	64.9	57.3	42.4	24.2	24.2
9-10 AM	1135	0.0	121	0.0	OFF	1135	0	121	0.00	0	64.3	64.3	64.3	23.9	23.9
10-11 AM	1526	0.0	164	0.0	OFF	1526	0	164	0.00	0	63.5	63.5	63.5	23.6	23.6
11A-NOON	1640	0.0	175	0.0	OFF	1640	0	175	0.00	0	63.3	63.3	63.3	23.5	23.5
NOON-1PM	1548	0.0	166	0.0	OFF	1548	0	166	0.00	0	63.5	63.5	63.5	23.6	23.6
1-2 PM	1516	0.0	163	0.0	OFF	1516	0	163	0.00	0	63.6	63.6	63.6	23.6	23.6
2-3 PM	1525	0.0	163	0.0	OFF	1525	0	163	0.00	0	63.5	63.5	63.5	23.6	23.6
3-4 PM	1507	0.0	162	0.0	OFF	1507	0	162	0.00	0	63.6	63.6	63.6	23.6	23.6
4-5 PM	1690	0.0	181	0.0	OFF	1690	0	181	0.00	0	63.2	63.2	63.2	23.5	23.5
5-6 PM	1753	0.0	187	0.0	OFF	1753	0	187	0.00	0	63.1	63.1	63.1	23.4	23.4
6-7 PM	1555	0.0	167	0.0	OFF	1555	0	167	0.00	0	63.5	63.5	63.5	23.5	23.5
7-8 PM	1170	0.0	126	0.0	1500	1170	0	126	0.60	0	64.2	55.5	39.4	23.8	23.8
8-9 PM	984	0.0	105	0.0	1500	984	0	105	0.52	0	64.5	56.8	41.7	24.0	24.0
9-10 PM	722	0.0	77	0.0	1500	722	0	77	0.49	0	65.0	57.6	42.7	24.2	24.2
10-11 PM	570	0.0	61	0.0	1500	570	0	61	0.48	0	65.3	57.9	43.2	24.3	24.3
11PM-MID	391	0.0	42	0.0	1500	391	0	42	0.46	0	65.6	58.5	43.9	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	0.0138
DIVERSION	0.0156

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$900
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

**USH 41: STH 60 TO USH 45 (WASHINGTON COUNTY)
 NIGHTTIME CLOSURE
 DIVERSION ROUTE: PIONEER RD - STH 175 - STH 164 - STH 60**

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY NORTHBOUND DIRECTION

