

<b>USH 41: STH 60 TO USH 45 (WASHINGTON COUNTY)</b> <b>OFF-PEAK DAY CLOSURE</b> <b>DIVERSION ROUTE: PIONEER RD - STH 175 - STH 164 - STH 60</b>	<b>AUGUST</b>
	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	OFF	634	0	68	0.00	0	65.2	65.2	65.2	24.3	24.3
1-2 AM	374	0.0	40	0.0	OFF	374	0	40	0.00	0	65.7	65.7	65.7	24.5	24.5
2-3 AM	133	0.0	14	0.0	OFF	133	0	14	0.00	0	66.1	66.1	66.1	24.7	24.7
3-4 AM	116	0.0	12	0.0	OFF	116	0	12	0.00	0	66.2	66.2	66.2	24.7	24.7
4-5 AM	138	0.0	14	0.0	OFF	138	0	14	0.00	0	66.1	66.1	66.1	24.7	24.7
5-6 AM	179	0.0	20	0.0	OFF	179	0	20	0.00	0	66.1	66.1	66.1	24.7	24.7
6-7 AM	268	0.0	29	0.0	OFF	268	0	29	0.00	0	65.9	65.9	65.9	24.6	24.6
7-8 AM	461	0.0	49	0.0	OFF	461	0	49	0.00	0	65.5	65.5	65.5	24.5	24.5
8-9 AM	863	0.0	93	0.0	OFF	863	0	93	0.00	0	64.8	64.8	64.8	24.2	24.2
9-10 AM	1480	0.0	158	0.0	1499	1480	0	158	1.48	19	63.7	46.0	33.1	23.6	23.6
10-11 AM	2268	0.0	243	0.0	1500	1866	402	645	12.04	325	62.2	15.4	30.8	23.0	19.9
11A-NOON	2734	0.0	292	0.0	1500	1636	1098	1390+	19.97	521	58.5	10.4	30.8	22.6	14.3
NOON-1PM	2779	0.0	297	0.0	1499	1523	1256	1553+	22.37	586	58.0	9.7	30.8	22.5	13.4
1-2 PM	2999	0.0	321	0.0	1500	1561	1438	1759+	24.52	650	55.8	9.3	30.8	22.4	12.6
2-3 PM	3060	0.0	327	0.0	1499	1500	1560	1887+	24.99	664	55.1	9.3	30.8	22.4	12.4
3-4 PM	2978	0.0	319	0.0	1500	1499	1479	1798+	25.00	662	56.0	9.3	30.8	22.4	12.4
4-5 PM	3374	0.0	361	0.0	1499	1500	1874	2236+	24.75	666	51.9	9.3	30.8	22.0	12.4
5-6 PM	2985	0.0	319	0.0	1500	1493	1492	1811+	25.00	662	55.9	9.3	30.8	22.4	12.4
6-7 PM	2565	0.0	275	0.0	1499	1328	1237	1512+	21.91	571	60.2	9.9	30.8	22.7	13.6
7-8 PM	2099	0.0	224	0.0	OFF	2099	0	224	1.09	61	62.5	48.9	48.9	23.1	23.1
8-9 PM	1601	0.0	171	0.0	OFF	1601	0	171	0.00	0	63.4	63.4	63.4	23.5	23.5
9-10 PM	972	0.0	104	0.0	OFF	972	0	104	0.00	0	64.6	64.6	64.6	24.0	24.0
10-11 PM	552	0.0	59	0.0	OFF	552	0	59	0.00	0	65.3	65.3	65.3	24.4	24.4
11PM-MID	273	0.0	29	0.0	OFF	273	0	29	0.00	0	65.9	65.9	65.9	24.6	24.6

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

+ INDICATES DIVERSION FLOW EXCEEDS USER-SPECIFIED WARNING LIMIT

*----- 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	0.0147
DIVERSION	0.1049

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$175,149
CONGESTED HOURS PER DAY*	8

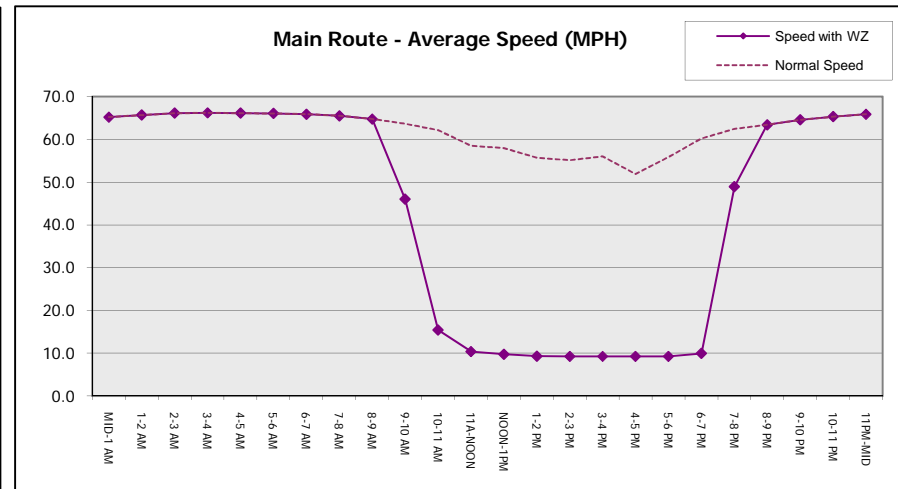
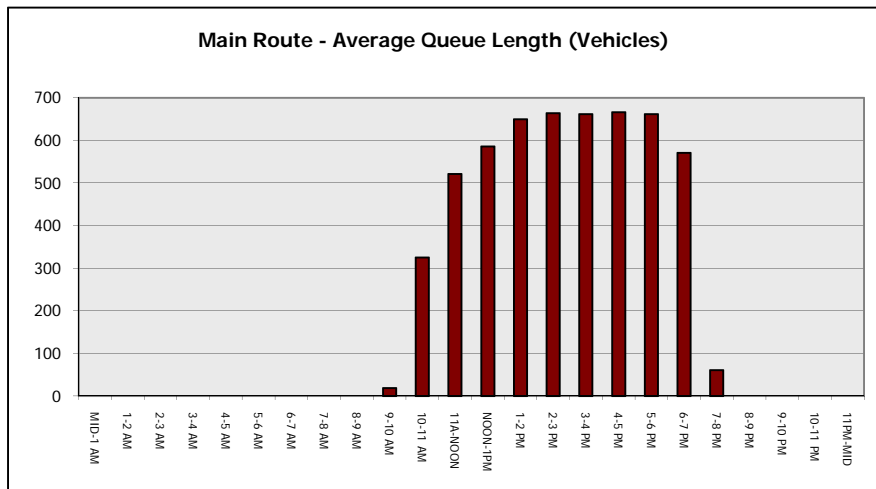
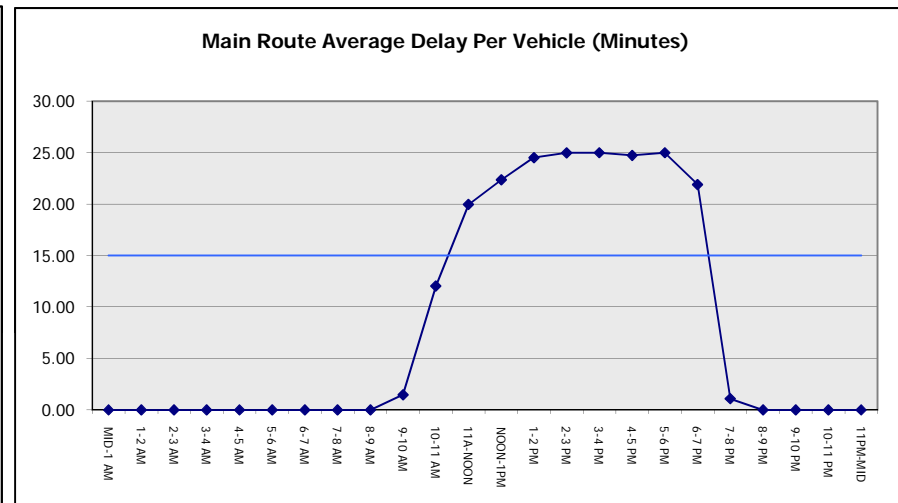
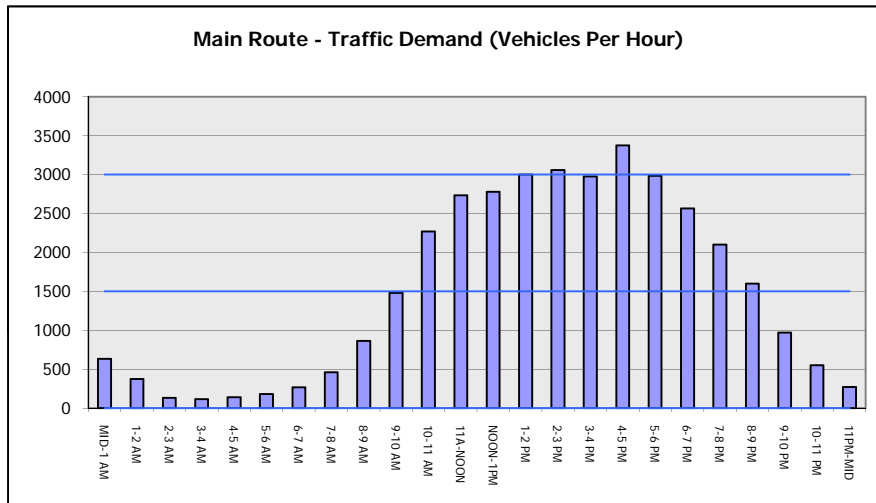
\*Delays Exceeding 15 Minutes

**USH 41: STH 60 TO USH 45 (WASHINGTON COUNTY)**  
**OFF-PEAK DAY 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**



<b>USH 41: STH 60 TO USH 45 (WASHINGTON COUNTY)</b> <b>OFF-PEAK DAY CLOSURE</b> <b>DIVERSION ROUTE: PIONEER RD - STH 175 - STH 164 - STH 60</b>	<b>AUGUST</b>
	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		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	293	0.0	31	0.0	OFF	293	0	31	0.00	0	65.8	65.8	65.8	24.6	24.6
1-2 AM	198	0.0	22	0.0	OFF	198	0	22	0.00	0	66.0	66.0	66.0	24.7	24.7
2-3 AM	113	0.0	12	0.0	OFF	113	0	12	0.00	0	66.2	66.2	66.2	24.7	24.7
3-4 AM	88	0.0	9	0.0	OFF	88	0	9	0.00	0	66.2	66.2	66.2	24.8	24.8
4-5 AM	96	0.0	10	0.0	OFF	96	0	10	0.00	0	66.2	66.2	66.2	24.8	24.8
5-6 AM	146	0.0	15	0.0	OFF	146	0	15	0.00	0	66.1	66.1	66.1	24.7	24.7
6-7 AM	296	0.0	32	0.0	OFF	296	0	32	0.00	0	65.8	65.8	65.8	24.6	24.6
7-8 AM	503	0.0	54	0.0	OFF	503	0	54	0.00	0	65.5	65.5	65.5	24.4	24.4
8-9 AM	796	0.0	85	0.0	OFF	796	0	85	0.00	0	64.9	64.9	64.9	24.2	24.2
9-10 AM	1135	0.0	121	0.0	1499	1135	0	121	0.60	0	64.3	55.6	39.6	23.9	23.9
10-11 AM	1526	0.0	164	0.0	1499	1526	0	164	1.37	11	63.5	46.9	31.2	23.6	23.6
11A-NOON	1640	0.0	175	0.0	1500	1640	0	175	5.02	113	63.3	27.6	30.8	23.5	23.5
NOON-1PM	1548	0.0	166	0.0	1499	1548	0	166	8.86	212	63.5	19.3	30.8	23.6	23.6
1-2 PM	1516	0.0	163	0.0	1499	1516	0	163	9.96	241	63.6	17.8	30.8	23.6	23.6
2-3 PM	1525	0.0	163	0.0	1500	1513	12	174	10.60	258	63.5	17.0	30.8	23.6	23.5
3-4 PM	1507	0.0	162	0.0	1499	1501	6	167	10.58	257	63.6	17.0	30.8	23.6	23.5
4-5 PM	1690	0.0	181	0.0	1500	1529	161	342	11.49	283	63.2	16.0	30.8	23.5	22.2
5-6 PM	1753	0.0	187	0.0	1499	1502	251	438	12.01	297	63.1	15.5	30.8	23.4	21.5
6-7 PM	1555	0.0	167	0.0	1499	1460	96	263	11.08	271	63.5	16.5	30.8	23.5	22.9
7-8 PM	1170	0.0	126	0.0	OFF	1170	0	126	0.20	11	64.2	61.0	61.0	23.8	23.8
8-9 PM	984	0.0	105	0.0	OFF	984	0	105	0.00	0	64.5	64.5	64.5	24.0	24.0
9-10 PM	722	0.0	77	0.0	OFF	722	0	77	0.00	0	65.0	65.0	65.0	24.2	24.2
10-11 PM	570	0.0	61	0.0	OFF	570	0	61	0.00	0	65.3	65.3	65.3	24.3	24.3
11PM-MID	391	0.0	42	0.0	OFF	391	0	42	0.00	0	65.6	65.6	65.6	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	0.0129
DIVERSION	0.0191

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$38,726
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

**USH 41: STH 60 TO USH 45 (WASHINGTON COUNTY)  
 OFF-PEAK DAY 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**

