

<b>USH 41: STH 60 TO USH 45 (WASHINGTON COUNTY) CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: PIONEER RD - STH 175 - STH 164 - STH 60</b>	<b>OCTOBER</b>
	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	182	0.0	20	0.0	1500	182	0	20	0.44	0	66.1	59.1	44.8	24.7	24.7
1-2 AM	159	0.0	16	0.0	1500	159	0	16	0.44	0	66.1	59.1	44.8	24.7	24.7
2-3 AM	166	0.0	17	0.0	1500	166	0	17	0.44	0	66.1	59.1	44.8	24.7	24.7
3-4 AM	261	0.0	28	0.0	1500	261	0	28	0.45	0	65.9	58.8	44.5	24.7	24.7
4-5 AM	542	0.0	58	0.0	1500	542	0	58	0.48	0	65.4	58.1	43.3	24.4	24.4
5-6 AM	1251	0.0	134	0.0	1499	1251	0	134	0.70	0	64.0	54.2	37.1	23.8	23.8
6-7 AM	1741	0.0	186	0.0	1499	1741	0	186	4.43	108	63.2	29.6	30.8	23.4	23.4
7-8 AM	1645	0.0	176	0.0	1499	1533	112	288	11.18	274	63.3	16.3	30.8	23.5	22.6
8-9 AM	1419	0.0	151	0.0	1499	1408	10	161	9.66	234	63.7	18.2	30.8	23.7	23.6
9-10 AM	1305	0.0	140	0.0	1499	1305	0	140	3.73	89	64.0	32.5	32.5	23.8	23.8
10-11 AM	1268	0.0	136	0.0	1500	1268	0	136	0.72	0	64.0	53.8	36.4	23.8	23.8
11A-NOON	1281	0.0	137	0.0	1500	1281	0	137	0.74	0	64.0	53.7	36.0	23.8	23.8
NOON-1PM	1308	0.0	140	0.0	1500	1308	0	140	0.78	0	64.0	53.2	35.3	23.8	23.8
1-2 PM	1416	0.0	151	0.0	1500	1416	0	151	0.92	0	63.8	51.5	32.6	23.7	23.7
2-3 PM	1465	0.0	156	0.0	1500	1465	0	156	0.98	0	63.7	50.8	31.5	23.7	23.7
3-4 PM	1483	0.0	159	0.0	1499	1483	0	159	1.00	0	63.6	50.5	31.1	23.6	23.6
4-5 PM	1503	0.0	161	0.0	1499	1503	0	161	1.24	5	63.6	48.2	30.8	23.6	23.6
5-6 PM	1344	0.0	144	0.0	1500	1344	0	144	0.82	0	63.9	52.6	34.4	23.7	23.7
6-7 PM	976	0.0	104	0.0	1500	976	0	104	0.52	0	64.6	56.9	41.8	24.0	24.0
7-8 PM	759	0.0	81	0.0	1500	759	0	81	0.50	0	65.0	57.4	42.5	24.2	24.2
8-9 PM	623	0.0	67	0.0	1500	623	0	67	0.48	0	65.2	57.8	43.0	24.3	24.3
9-10 PM	509	0.0	55	0.0	1500	509	0	55	0.47	0	65.5	58.1	43.5	24.4	24.4
10-11 PM	341	0.0	36	0.0	1500	341	0	36	0.46	0	65.8	58.6	44.2	24.6	24.6
11PM-MID	185	0.0	20	0.0	1500	185	0	20	0.44	0	66.0	59.1	44.7	24.7	24.7

*----- 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	0.0151
MAIN ROUTE WITH WORKS	0.0135
DIVERSION	0.0174

PIA: Personal Injury Accidents

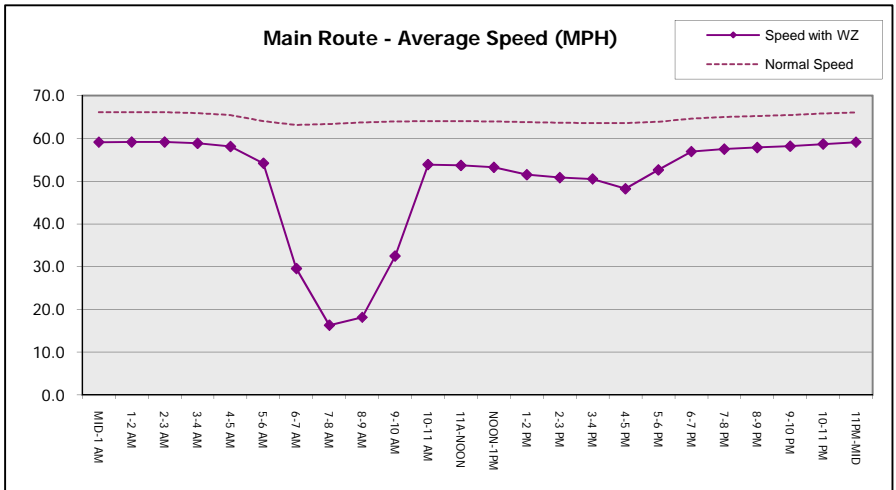
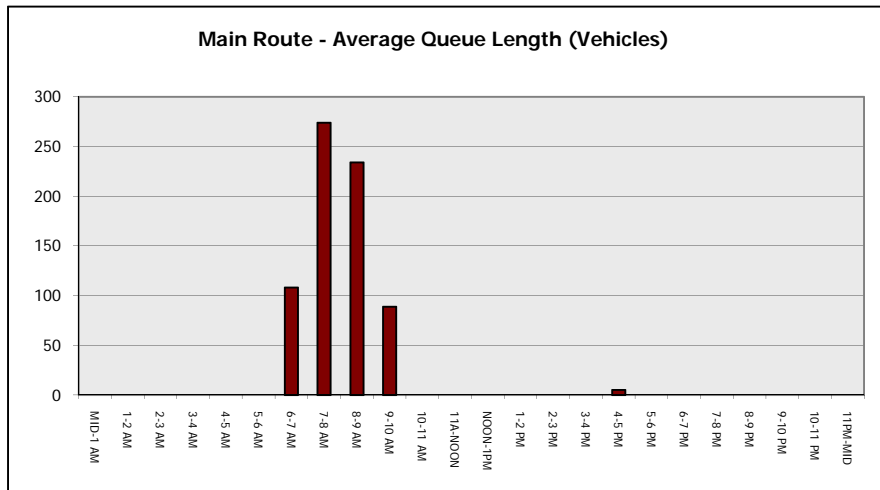
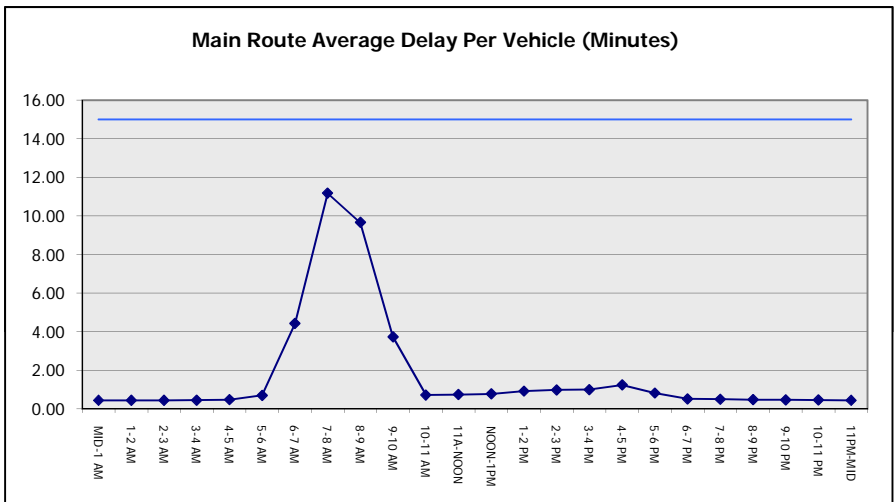
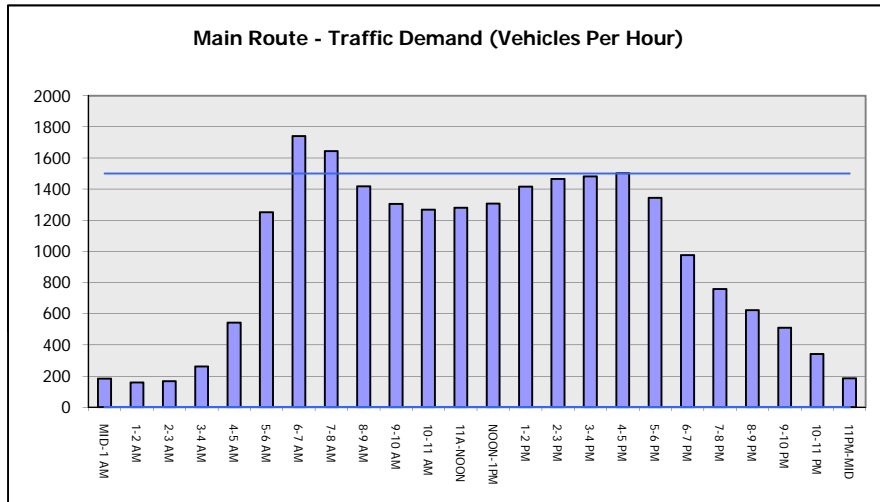
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$12,811
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

**USH 41: STH 60 TO USH 45 (WASHINGTON COUNTY)  
 CONTINUOUS (24 HOUR) CLOSURE  
 DIVERSION ROUTE: PIONEER RD - STH 175 - STH 164 - STH 60**

**OCTOBER**  
 Analyzed for 2009  
 Construction Season

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



<b>USH 41: STH 60 TO USH 45 (WASHINGTON COUNTY)                  CONTINUOUS (24 HOUR) CLOSURE                  DIVERSION ROUTE: PIONEER RD - STH 175 - STH 164 - STH 60</b>	<b>OCTOBER</b>
	Analyzed for 2009 Construction Season

**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		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	197	0.0	21	0.0	1500	197	0	21	0.44	0	66.0	59.0	44.7	24.7	24.7
1-2 AM	153	0.0	16	0.0	1500	153	0	16	0.44	0	66.1	59.1	44.9	24.7	24.7
2-3 AM	145	0.0	15	0.0	1500	145	0	15	0.44	0	66.1	59.2	44.9	24.7	24.7
3-4 AM	170	0.0	19	0.0	1500	170	0	19	0.44	0	66.1	59.1	44.8	24.7	24.7
4-5 AM	296	0.0	32	0.0	1500	296	0	32	0.45	0	65.8	58.7	44.3	24.6	24.6
5-6 AM	647	0.0	69	0.0	1500	647	0	69	0.49	0	65.2	57.8	43.0	24.3	24.3
6-7 AM	1055	0.0	113	0.0	1500	1055	0	113	0.52	0	64.4	56.6	41.5	24.0	24.0
7-8 AM	1258	0.0	135	0.0	1500	1258	0	135	0.71	0	64.0	54.0	36.7	23.8	23.8
8-9 AM	1264	0.0	135	0.0	1500	1264	0	135	0.72	0	64.0	53.9	36.5	23.8	23.8
9-10 AM	1215	0.0	130	0.0	1500	1215	0	130	0.66	0	64.1	54.8	38.0	23.8	23.8
10-11 AM	1221	0.0	131	0.0	1500	1221	0	131	0.66	0	64.1	54.6	37.8	23.8	23.8
11A-NOON	1207	0.0	130	0.0	1500	1207	0	130	0.65	0	64.1	54.9	38.2	23.8	23.8
NOON-1PM	1219	0.0	131	0.0	1500	1219	0	131	0.66	0	64.1	54.7	37.9	23.8	23.8
1-2 PM	1311	0.0	140	0.0	1499	1311	0	140	0.78	0	64.0	53.2	35.2	23.8	23.8
2-3 PM	1548	0.0	166	0.0	1499	1548	0	166	1.51	15	63.5	45.6	31.1	23.6	23.6
3-4 PM	1920	0.0	206	0.0	1500	1776	143	349	8.81	230	62.8	19.3	30.8	23.3	22.2
4-5 PM	2009	0.0	215	0.0	1499	1500	509	724	13.79	346	62.7	13.8	30.8	23.2	19.3
5-6 PM	1620	0.0	173	0.0	1499	1420	200	373	11.67	288	63.3	15.8	30.8	23.5	22.0
6-7 PM	1087	0.0	116	0.0	1499	1087	0	116	3.03	101	64.3	35.9	37.1	24.0	24.0
7-8 PM	790	0.0	84	0.0	1500	790	0	84	0.50	0	64.9	57.4	42.4	24.2	24.2
8-9 PM	655	0.0	70	0.0	1500	655	0	70	0.49	0	65.1	57.8	42.9	24.3	24.3
9-10 PM	535	0.0	58	0.0	1500	535	0	58	0.47	0	65.4	58.1	43.3	24.4	24.4
10-11 PM	406	0.0	43	0.0	1500	406	0	43	0.46	0	65.6	58.4	43.8	24.5	24.5
11PM-MID	272	0.0	29	0.0	1500	272	0	29	0.45	0	65.9	58.8	44.4	24.6	24.6

*----- 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	0.0125
DIVERSION	0.0216

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$17,206
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

**USH 41: STH 60 TO USH 45 (WASHINGTON COUNTY)  
 CONTINUOUS (24 HOUR) CLOSURE  
 DIVERSION ROUTE: PIONEER RD - STH 175 - STH 164 - STH 60**

**OCTOBER**  
 Analyzed for 2009  
 Construction Season

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

