

USH 41: STH 60 TO USH 45 (WASHINGTON COUNTY) NIGHTTIME CLOSURE DIVERSION ROUTE: PIONEER RD - STH 175 - STH 164 - STH 60	OCTOBER
	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	163	0.0	17	0.0	1500	163	0	17	0.44	0	66.1	59.1	44.8	24.7	24.7
1-2 AM	126	0.0	13	0.0	1500	126	0	13	0.43	0	66.1	59.2	45.0	24.7	24.7
2-3 AM	154	0.0	16	0.0	1500	154	0	16	0.44	0	66.1	59.1	44.8	24.7	24.7
3-4 AM	209	0.0	23	0.0	1500	209	0	23	0.44	0	66.0	59.0	44.6	24.7	24.7
4-5 AM	397	0.0	42	0.0	1500	397	0	42	0.46	0	65.6	58.4	43.9	24.5	24.5
5-6 AM	999	0.0	107	0.0	OFF	999	0	107	0.00	0	64.5	64.5	64.5	24.0	24.0
6-7 AM	1541	0.0	165	0.0	OFF	1541	0	165	0.00	0	63.5	63.5	63.5	23.6	23.6
7-8 AM	1530	0.0	164	0.0	OFF	1530	0	164	0.00	0	63.5	63.5	63.5	23.6	23.6
8-9 AM	1324	0.0	142	0.0	OFF	1324	0	142	0.00	0	63.9	63.9	63.9	23.7	23.7
9-10 AM	1336	0.0	143	0.0	OFF	1336	0	143	0.00	0	63.9	63.9	63.9	23.7	23.7
10-11 AM	1339	0.0	143	0.0	OFF	1339	0	143	0.00	0	63.9	63.9	63.9	23.7	23.7
11A-NOON	1472	0.0	157	0.0	OFF	1472	0	157	0.00	0	63.7	63.7	63.7	23.7	23.7
NOON-1PM	1549	0.0	166	0.0	OFF	1549	0	166	0.00	0	63.5	63.5	63.5	23.6	23.6
1-2 PM	1633	0.0	175	0.0	OFF	1633	0	175	0.00	0	63.3	63.3	63.3	23.5	23.5
2-3 PM	1786	0.0	191	0.0	OFF	1786	0	191	0.00	0	63.0	63.0	63.0	23.3	23.3
3-4 PM	1790	0.0	191	0.0	OFF	1790	0	191	0.00	0	63.0	63.0	63.0	23.3	23.3
4-5 PM	1925	0.0	206	0.0	OFF	1925	0	206	0.00	0	62.8	62.8	62.8	23.3	23.3
5-6 PM	1805	0.0	194	0.0	OFF	1805	0	194	0.00	0	63.0	63.0	63.0	23.3	23.3
6-7 PM	1439	0.0	154	0.0	OFF	1439	0	154	0.00	0	63.7	63.7	63.7	23.7	23.7
7-8 PM	1061	0.0	113	0.0	1500	1061	0	113	0.52	0	64.4	56.6	41.5	24.0	24.0
8-9 PM	752	0.0	80	0.0	1500	752	0	80	0.50	0	65.0	57.4	42.5	24.2	24.2
9-10 PM	628	0.0	67	0.0	1500	628	0	67	0.48	0	65.2	57.8	43.0	24.3	24.3
10-11 PM	414	0.0	44	0.0	1500	414	0	44	0.46	0	65.6	58.4	43.8	24.5	24.5
11PM-MID	275	0.0	30	0.0	1500	275	0	30	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	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	0.0167
MAIN ROUTE WITH WORKS	0.0165
DIVERSION	0.0184

PIA: Personal Injury Accidents

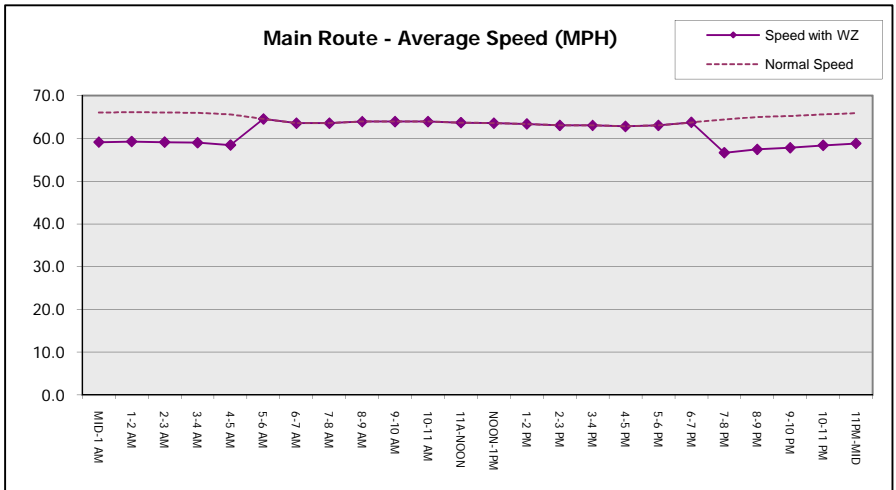
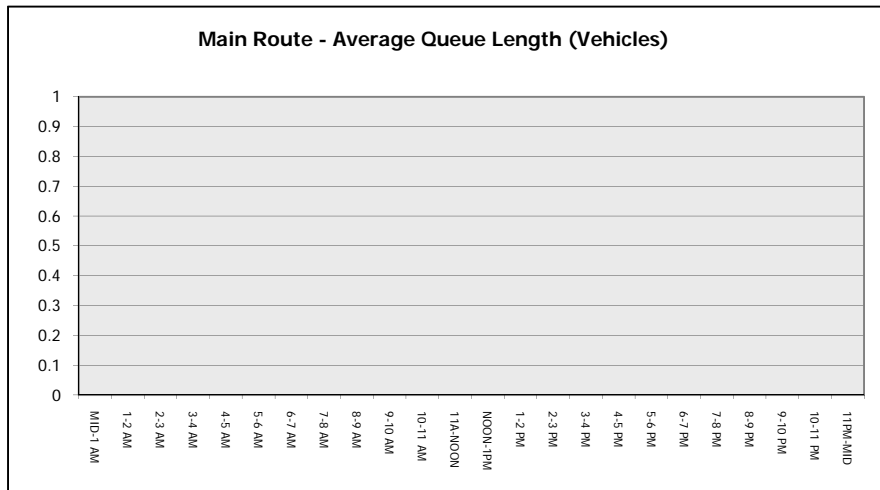
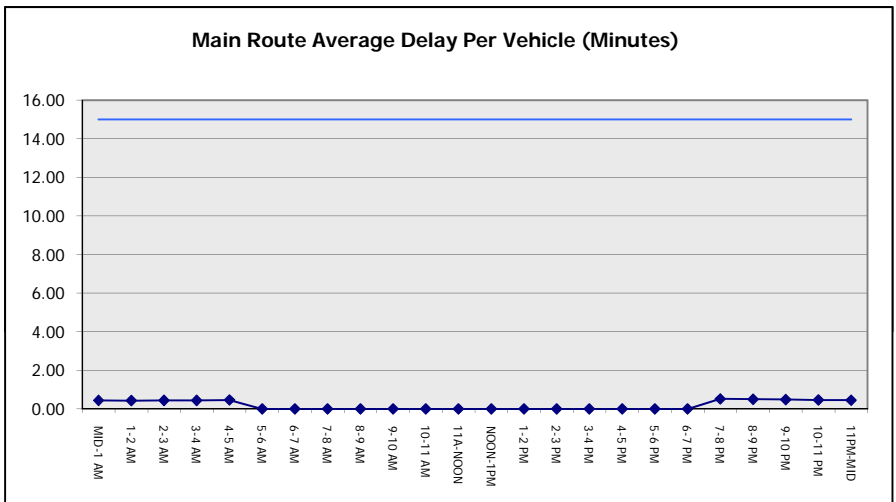
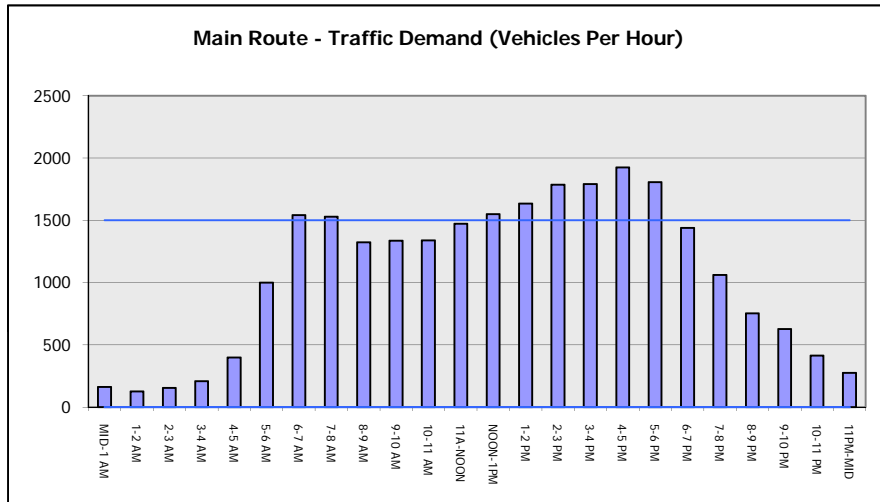
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$451
CONGESTED HOURS PER DAY*	0

*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**

OCTOBER
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY SOUTHBOUND DIRECTION



USH 41: STH 60 TO USH 45 (WASHINGTON COUNTY) NIGHTTIME CLOSURE DIVERSION ROUTE: PIONEER RD - STH 175 - STH 164 - STH 60	OCTOBER
	Analyzed for 2009 Construction Season

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	248	0.0	27	0.0	1500	248	0	27	0.45	0	66.0	58.9	44.5	24.7	24.7	
1-2 AM	200	0.0	22	0.0	1500	200	0	22	0.44	0	66.0	59.0	44.7	24.7	24.7	
2-3 AM	177	0.0	19	0.0	1500	177	0	19	0.44	0	66.1	59.1	44.8	24.7	24.7	
3-4 AM	211	0.0	23	0.0	1500	211	0	23	0.44	0	66.0	59.0	44.6	24.7	24.7	
4-5 AM	315	0.0	34	0.0	1500	315	0	34	0.45	0	65.8	58.7	44.2	24.6	24.6	
5-6 AM	616	0.0	66	0.0	OFF	616	0	66	0.00	0	65.3	65.3	65.3	24.3	24.3	
6-7 AM	1030	0.0	110	0.0	OFF	1030	0	110	0.00	0	64.5	64.5	64.5	24.0	24.0	
7-8 AM	1299	0.0	139	0.0	OFF	1299	0	139	0.00	0	64.0	64.0	64.0	23.8	23.8	
8-9 AM	1431	0.0	153	0.0	OFF	1431	0	153	0.00	0	63.7	63.7	63.7	23.7	23.7	
9-10 AM	1556	0.0	167	0.0	OFF	1556	0	167	0.00	0	63.5	63.5	63.5	23.5	23.5	
10-11 AM	1727	0.0	185	0.0	OFF	1727	0	185	0.00	0	63.2	63.2	63.2	23.4	23.4	
11A-NOON	1844	0.0	198	0.0	OFF	1844	0	198	0.00	0	63.0	63.0	63.0	23.3	23.3	
NOON-1PM	1970	0.0	211	0.0	OFF	1970	0	211	0.00	0	62.7	62.7	62.7	23.2	23.2	
1-2 PM	2256	0.0	242	0.0	OFF	2256	0	242	0.00	0	62.2	62.2	62.2	23.0	23.0	
2-3 PM	2489	0.0	267	0.0	OFF	2489	0	267	0.00	0	61.0	61.0	61.0	22.8	22.8	
3-4 PM	2976	0.0	318	0.0	OFF	2976	0	318	0.00	0	56.0	56.0	56.0	22.4	22.4	
4-5 PM	3281	0.0	351	0.0	OFF	3281	0	351	0.00	0	52.9	52.9	52.9	22.2	22.2	
5-6 PM	2974	0.0	318	0.0	OFF	2974	0	318	0.00	0	56.0	56.0	56.0	22.4	22.4	
6-7 PM	2401	0.0	257	0.0	OFF	2401	0	257	0.00	0	61.9	61.9	61.9	22.9	22.9	
7-8 PM	1588	0.0	170	0.0	1499	1588	0	170	4.02	83	63.4	31.2	30.8	23.5	23.5	
8-9 PM	1152	0.0	124	0.0	1500	1152	0	124	1.03	14	64.2	50.7	38.8	23.9	23.9	
9-10 PM	950	0.0	102	0.0	1500	950	0	102	0.51	0	64.6	56.9	41.9	24.0	24.0	
10-11 PM	666	0.0	71	0.0	1500	666	0	71	0.49	0	65.1	57.7	42.9	24.3	24.3	
11PM-MID	504	0.0	54	0.0	1500	504	0	54	0.47	0	65.5	58.1	43.5	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	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	0.0221
MAIN ROUTE WITH WORKS	0.0217
DIVERSION	0.0243

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,046
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**

OCTOBER
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY NORTHBOUND DIRECTION

