

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

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	205	0.0	22	0.0	1500	205	0	22	0.44	0	66.0	59.0	44.6	24.7	24.7
1-2 AM	147	0.0	15	0.0	1500	147	0	15	0.44	0	66.1	59.2	44.9	24.7	24.7
2-3 AM	109	0.0	11	0.0	1500	109	0	11	0.43	0	66.2	59.2	45.0	24.8	24.8
3-4 AM	115	0.0	12	0.0	1500	115	0	12	0.43	0	66.2	59.2	45.0	24.7	24.7
4-5 AM	127	0.0	13	0.0	1500	127	0	13	0.43	0	66.1	59.2	45.0	24.7	24.7
5-6 AM	172	0.0	19	0.0	1500	172	0	19	0.44	0	66.1	59.1	44.8	24.7	24.7
6-7 AM	269	0.0	29	0.0	1500	269	0	29	0.45	0	65.9	58.8	44.4	24.6	24.6
7-8 AM	428	0.0	46	0.0	1500	428	0	46	0.46	0	65.6	58.4	43.8	24.5	24.5
8-9 AM	698	0.0	75	0.0	1500	698	0	75	0.49	0	65.1	57.6	42.8	24.3	24.3
9-10 AM	1175	0.0	126	0.0	OFF	1175	0	126	0.00	0	64.2	64.2	64.2	23.8	23.8
10-11 AM	1680	0.0	180	0.0	OFF	1680	0	180	0.00	0	63.3	63.3	63.3	23.5	23.5
11A-NOON	2142	0.0	230	0.0	OFF	2142	0	230	0.00	0	62.4	62.4	62.4	23.1	23.1
NOON-1PM	2272	0.0	243	0.0	OFF	2272	0	243	0.00	0	62.2	62.2	62.2	23.0	23.0
1-2 PM	2480	0.0	266	0.0	OFF	2480	0	266	0.00	0	61.1	61.1	61.1	22.8	22.8
2-3 PM	2628	0.0	281	0.0	OFF	2628	0	281	0.00	0	59.6	59.6	59.6	22.7	22.7
3-4 PM	2809	0.0	301	0.0	OFF	2809	0	301	0.00	0	57.7	57.7	57.7	22.5	22.5
4-5 PM	2933	0.0	314	0.0	OFF	2933	0	314	0.00	0	56.4	56.4	56.4	22.4	22.4
5-6 PM	2718	0.0	290	0.0	OFF	2718	0	290	0.00	0	58.7	58.7	58.7	22.6	22.6
6-7 PM	2326	0.0	249	0.0	OFF	2326	0	249	0.00	0	62.0	62.0	62.0	22.9	22.9
7-8 PM	1879	0.0	201	0.0	1499	1795	84	284	8.03	207	62.9	20.6	30.8	23.3	22.7
8-9 PM	1189	0.0	128	0.0	1499	1170	19	147	5.33	159	64.1	26.8	34.9	23.8	23.7
9-10 PM	721	0.0	77	0.0	1500	721	0	77	0.49	0	65.0	57.6	42.7	24.2	24.2
10-11 PM	419	0.0	45	0.0	1500	419	0	45	0.46	0	65.6	58.4	43.8	24.5	24.5
11PM-MID	252	0.0	27	0.0	1500	252	0	27	0.45	0	65.9	58.9	44.5	24.7	24.7

"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	0.0195
MAIN ROUTE WITH WORKS	0.0190
DIVERSION	0.0221

PIA: Personal Injury Accidents

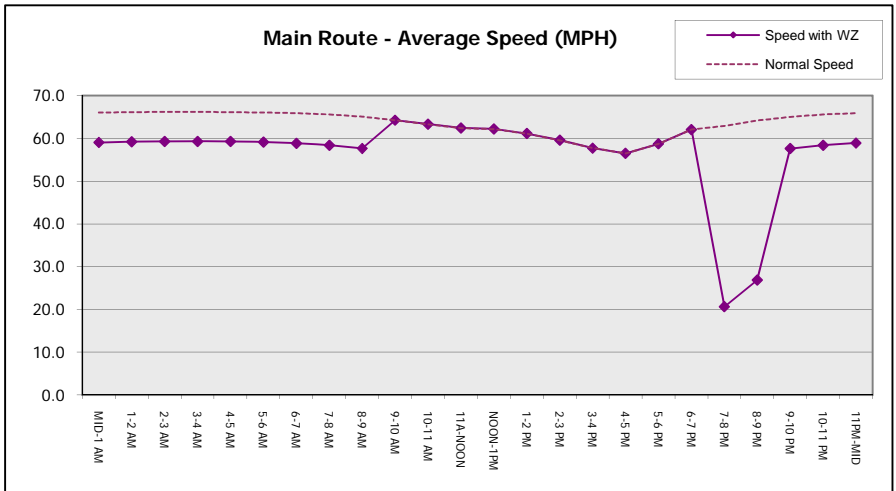
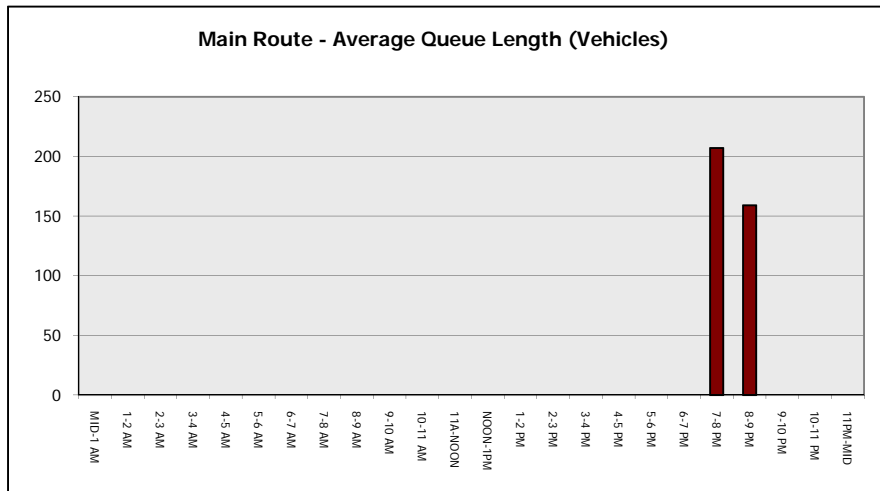
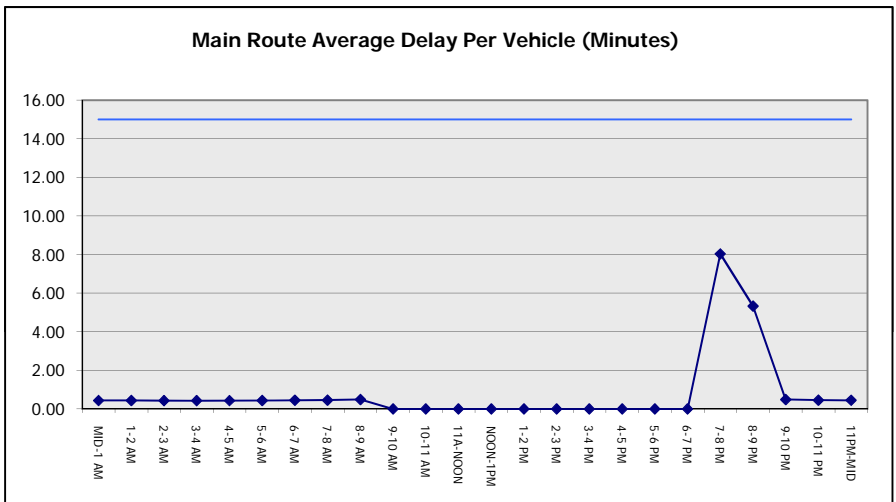
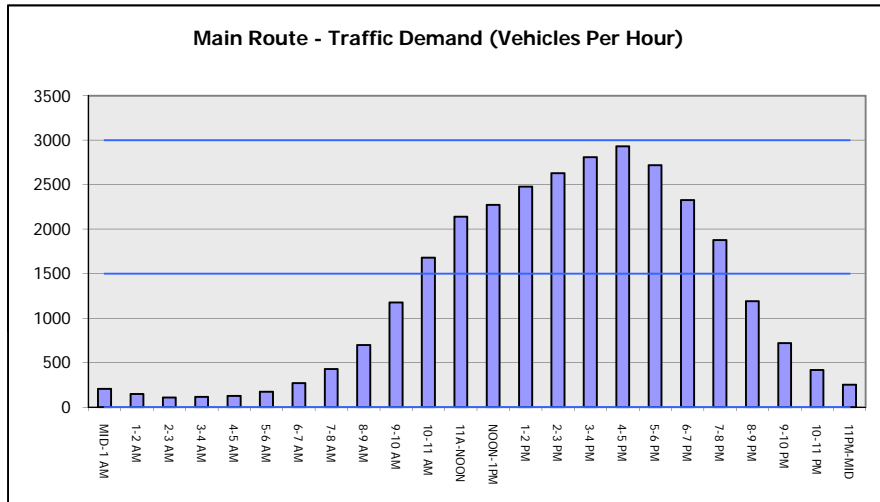
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$6,719
CONGESTED HOURS PER DAY*	0

*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
SUNDAY 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

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	241	0.0	26	0.0	1500	241	0	26	0.45	0	66.0	58.9	44.5	24.7	24.7	
1-2 AM	145	0.0	15	0.0	1500	145	0	15	0.44	0	66.1	59.2	44.9	24.7	24.7	
2-3 AM	110	0.0	11	0.0	1500	110	0	11	0.43	0	66.2	59.2	45.0	24.8	24.8	
3-4 AM	100	0.0	10	0.0	1500	100	0	10	0.43	0	66.2	59.3	45.1	24.8	24.8	
4-5 AM	107	0.0	11	0.0	1500	107	0	11	0.43	0	66.2	59.3	45.1	24.8	24.8	
5-6 AM	231	0.0	25	0.0	1500	231	0	25	0.44	0	66.0	58.9	44.6	24.7	24.7	
6-7 AM	329	0.0	35	0.0	1500	329	0	35	0.45	0	65.8	58.6	44.2	24.6	24.6	
7-8 AM	611	0.0	66	0.0	1500	611	0	66	0.48	0	65.3	57.9	43.1	24.3	24.3	
8-9 AM	933	0.0	100	0.0	1500	933	0	100	0.51	0	64.6	56.9	41.9	24.1	24.1	
9-10 AM	1047	0.0	112	0.0	OFF	1047	0	112	0.00	0	64.5	64.5	64.5	24.0	24.0	
10-11 AM	1325	0.0	142	0.0	OFF	1325	0	142	0.00	0	63.9	63.9	63.9	23.7	23.7	
11A-NOON	1522	0.0	163	0.0	OFF	1522	0	163	0.00	0	63.5	63.5	63.5	23.6	23.6	
NOON-1PM	1530	0.0	164	0.0	OFF	1530	0	164	0.00	0	63.5	63.5	63.5	23.6	23.6	
1-2 PM	1514	0.0	162	0.0	OFF	1514	0	162	0.00	0	63.6	63.6	63.6	23.6	23.6	
2-3 PM	1551	0.0	166	0.0	OFF	1551	0	166	0.00	0	63.5	63.5	63.5	23.6	23.6	
3-4 PM	1645	0.0	176	0.0	OFF	1645	0	176	0.00	0	63.3	63.3	63.3	23.5	23.5	
4-5 PM	1603	0.0	172	0.0	OFF	1603	0	172	0.00	0	63.4	63.4	63.4	23.5	23.5	
5-6 PM	1421	0.0	152	0.0	OFF	1421	0	152	0.00	0	63.7	63.7	63.7	23.7	23.7	
6-7 PM	1246	0.0	133	0.0	OFF	1246	0	133	0.00	0	64.1	64.1	64.1	23.8	23.8	
7-8 PM	970	0.0	104	0.0	1500	970	0	104	0.52	0	64.6	56.9	41.8	24.0	24.0	
8-9 PM	726	0.0	77	0.0	1500	726	0	77	0.49	0	65.0	57.6	42.7	24.2	24.2	
9-10 PM	495	0.0	52	0.0	1500	495	0	52	0.47	0	65.5	58.2	43.5	24.5	24.5	
10-11 PM	340	0.0	36	0.0	1500	340	0	36	0.46	0	65.8	58.6	44.2	24.6	24.6	
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	

"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	0.0131
MAIN ROUTE WITH WORKS	0.0127
DIVERSION	0.0143

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$784
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
SUNDAY NORTHBOUND DIRECTION

