

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	175	0.0	19	0.0	1500	175	0	19	0.44	0	66.1	59.1	44.8	24.7	24.7
1-2 AM	134	0.0	14	0.0	1500	134	0	14	0.44	0	66.1	59.2	45.0	24.7	24.7
2-3 AM	101	0.0	10	0.0	1500	101	0	10	0.43	0	66.2	59.3	45.1	24.8	24.8
3-4 AM	103	0.0	11	0.0	1500	103	0	11	0.43	0	66.2	59.3	45.1	24.8	24.8
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	202	0.0	22	0.0	1500	202	0	22	0.44	0	66.0	59.0	44.6	24.7	24.7
6-7 AM	286	0.0	31	0.0	1500	286	0	31	0.45	0	65.8	58.7	44.3	24.6	24.6
7-8 AM	540	0.0	58	0.0	1500	540	0	58	0.47	0	65.4	58.1	43.3	24.4	24.4
8-9 AM	849	0.0	91	0.0	1500	849	0	91	0.50	0	64.8	57.2	42.2	24.2	24.2
9-10 AM	1449	0.0	155	0.0	OFF	1449	0	155	0.00	0	63.7	63.7	63.7	23.7	23.7
10-11 AM	2009	0.0	215	0.0	OFF	2009	0	215	0.00	0	62.7	62.7	62.7	23.2	23.2
11A-NOON	2160	0.0	231	0.0	OFF	2160	0	231	0.00	0	62.3	62.3	62.3	23.1	23.1
NOON-1PM	2282	0.0	244	0.0	OFF	2282	0	244	0.00	0	62.2	62.2	62.2	23.0	23.0
1-2 PM	2247	0.0	240	0.0	OFF	2247	0	240	0.00	0	62.2	62.2	62.2	23.0	23.0
2-3 PM	2390	0.0	255	0.0	OFF	2390	0	255	0.00	0	61.9	61.9	61.9	22.9	22.9
3-4 PM	2412	0.0	258	0.0	OFF	2412	0	258	0.00	0	61.8	61.8	61.8	22.9	22.9
4-5 PM	2592	0.0	277	0.0	OFF	2592	0	277	0.00	0	59.9	59.9	59.9	22.7	22.7
5-6 PM	2360	0.0	252	0.0	OFF	2360	0	252	0.00	0	62.0	62.0	62.0	22.9	22.9
6-7 PM	2024	0.0	216	0.0	OFF	2024	0	216	0.00	0	62.6	62.6	62.6	23.2	23.2
7-8 PM	1676	0.0	179	0.0	1499	1676	0	179	4.94	113	63.3	27.9	30.8	23.5	23.5
8-9 PM	1198	0.0	129	0.0	1499	1198	0	129	2.53	70	64.1	38.6	36.2	23.8	23.8
9-10 PM	846	0.0	91	0.0	1500	846	0	91	0.50	0	64.8	57.2	42.2	24.2	24.2
10-11 PM	485	0.0	51	0.0	1500	485	0	51	0.47	0	65.5	58.2	43.6	24.5	24.5
11PM-MID	245	0.0	26	0.0	1500	245	0	26	0.45	0	66.0	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	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		0.0189
MAIN ROUTE WITH WORKS		0.0184
DIVERSION		0.0207

PIA: Personal Injury Accidents

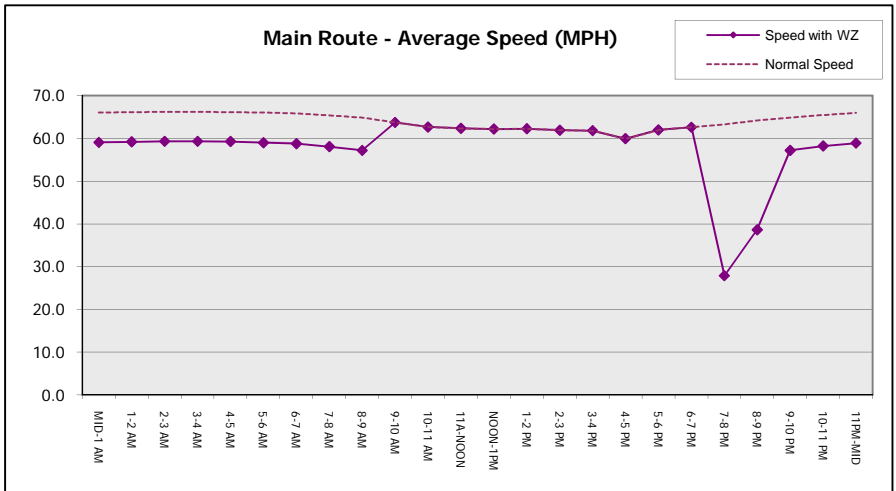
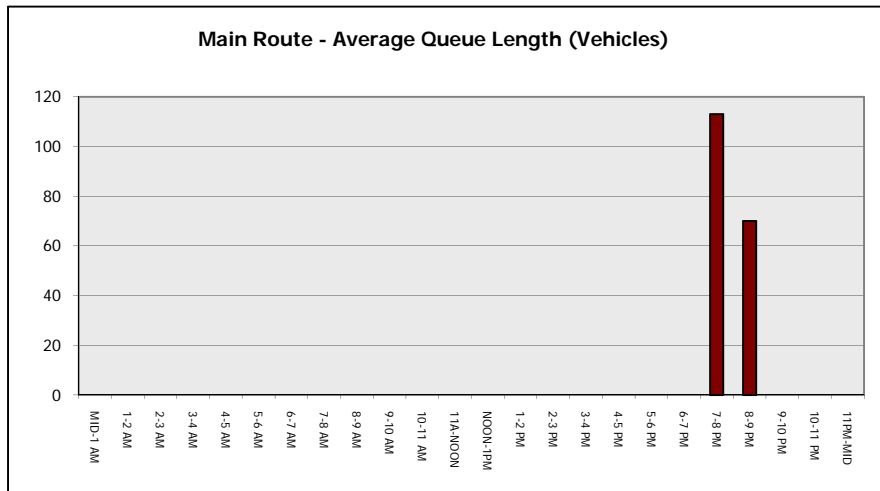
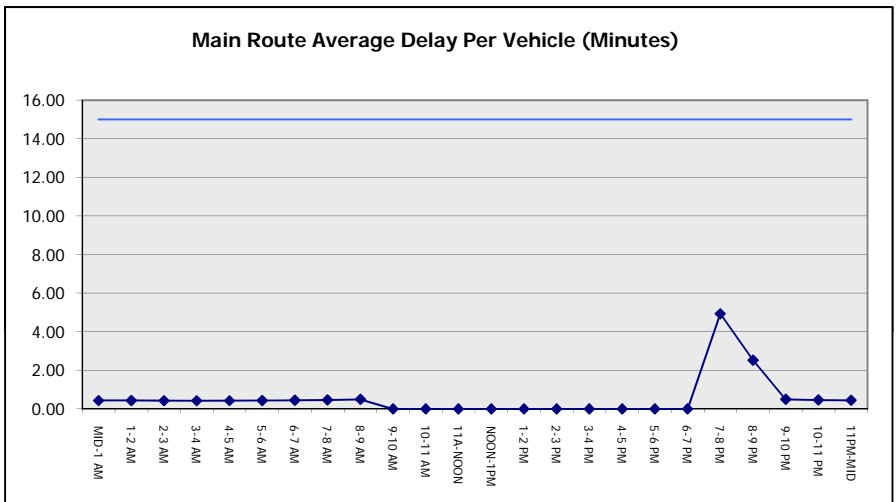
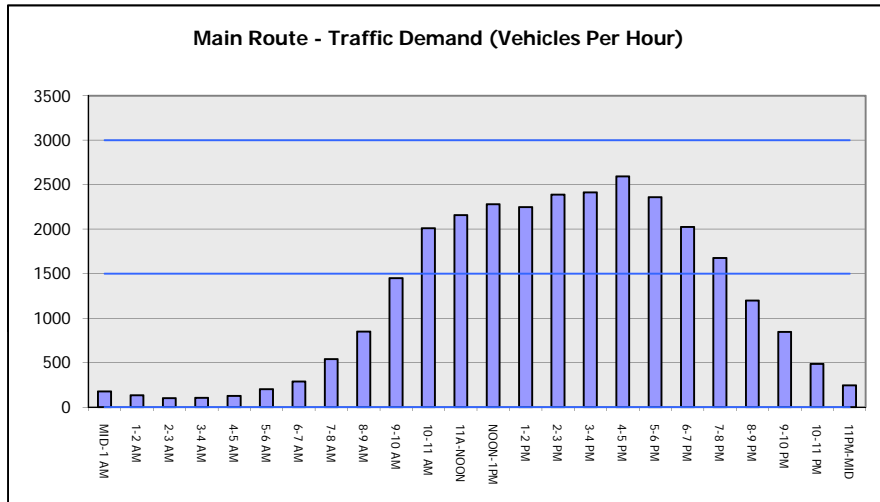
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$3,678
CONGESTED HOURS PER DAY*	0

*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	187	0.0	20	0.0	1500	187	0	20	0.44	0	66.0	59.1	44.7	24.7	24.7
1-2 AM	117	0.0	12	0.0	1500	117	0	12	0.43	0	66.1	59.2	45.0	24.7	24.7
2-3 AM	96	0.0	10	0.0	1500	96	0	10	0.43	0	66.2	59.3	45.1	24.8	24.8
3-4 AM	78	0.0	8	0.0	1500	78	0	8	0.43	0	66.3	59.4	45.2	24.8	24.8
4-5 AM	99	0.0	10	0.0	1500	99	0	10	0.43	0	66.2	59.3	45.1	24.8	24.8
5-6 AM	169	0.0	19	0.0	1500	169	0	19	0.44	0	66.1	59.1	44.8	24.7	24.7
6-7 AM	379	0.0	40	0.0	1500	379	0	40	0.46	0	65.7	58.5	44.0	24.5	24.5
7-8 AM	577	0.0	62	0.0	1500	577	0	62	0.48	0	65.3	57.9	43.2	24.3	24.3
8-9 AM	921	0.0	99	0.0	1500	921	0	99	0.51	0	64.6	57.0	42.0	24.1	24.1
9-10 AM	1185	0.0	127	0.0	OFF	1185	0	127	0.00	0	64.1	64.1	64.1	23.8	23.8
10-11 AM	1434	0.0	153	0.0	OFF	1434	0	153	0.00	0	63.7	63.7	63.7	23.7	23.7
11A-NOON	1549	0.0	166	0.0	OFF	1549	0	166	0.00	0	63.5	63.5	63.5	23.6	23.6
NOON-1PM	1506	0.0	161	0.0	OFF	1506	0	161	0.00	0	63.6	63.6	63.6	23.6	23.6
1-2 PM	1355	0.0	145	0.0	OFF	1355	0	145	0.00	0	63.8	63.8	63.8	23.7	23.7
2-3 PM	1352	0.0	144	0.0	OFF	1352	0	144	0.00	0	63.8	63.8	63.8	23.7	23.7
3-4 PM	1525	0.0	163	0.0	OFF	1525	0	163	0.00	0	63.5	63.5	63.5	23.6	23.6
4-5 PM	1753	0.0	187	0.0	OFF	1753	0	187	0.00	0	63.1	63.1	63.1	23.4	23.4
5-6 PM	1680	0.0	180	0.0	OFF	1680	0	180	0.00	0	63.3	63.3	63.3	23.5	23.5
6-7 PM	1346	0.0	144	0.0	OFF	1346	0	144	0.00	0	63.9	63.9	63.9	23.7	23.7
7-8 PM	1105	0.0	118	0.0	1500	1105	0	118	0.53	0	64.3	56.5	41.3	23.9	23.9
8-9 PM	807	0.0	86	0.0	1500	807	0	86	0.50	0	64.9	57.3	42.4	24.2	24.2
9-10 PM	577	0.0	62	0.0	1500	577	0	62	0.48	0	65.3	57.9	43.2	24.3	24.3
10-11 PM	391	0.0	42	0.0	1500	391	0	42	0.46	0	65.6	58.5	43.9	24.5	24.5
11PM-MID	239	0.0	26	0.0	1500	239	0	26	0.45	0	66.0	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	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	0.0133
MAIN ROUTE WITH WORKS	0.0130
DIVERSION	0.0146

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$777
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

