

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

SATURDAY 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	284	0.0	31	0.0	1500	284	0	31	0.45	0	65.8	58.7	44.3	24.6	24.6
1-2 AM	161	0.0	17	0.0	1500	161	0	17	0.44	0	66.1	59.1	44.8	24.7	24.7
2-3 AM	118	0.0	12	0.0	1500	118	0	12	0.43	0	66.1	59.2	45.0	24.7	24.7
3-4 AM	134	0.0	14	0.0	1500	134	0	14	0.44	0	66.1	59.2	45.0	24.7	24.7
4-5 AM	205	0.0	22	0.0	1500	205	0	22	0.44	0	66.0	59.0	44.6	24.7	24.7
5-6 AM	340	0.0	36	0.0	1500	340	0	36	0.46	0	65.8	58.6	44.2	24.6	24.6
6-7 AM	473	0.0	50	0.0	1500	473	0	50	0.47	0	65.5	58.2	43.6	24.5	24.5
7-8 AM	737	0.0	79	0.0	1500	737	0	79	0.49	0	65.0	57.5	42.6	24.2	24.2
8-9 AM	1145	0.0	122	0.0	OFF	1145	0	122	0.00	0	64.3	64.3	64.3	23.9	23.9
9-10 AM	1472	0.0	157	0.0	OFF	1472	0	157	0.00	0	63.7	63.7	63.7	23.7	23.7
10-11 AM	1764	0.0	188	0.0	OFF	1764	0	188	0.00	0	63.1	63.1	63.1	23.4	23.4
11A-NOON	1958	0.0	209	0.0	OFF	1958	0	209	0.00	0	62.7	62.7	62.7	23.2	23.2
NOON-1PM	1876	0.0	201	0.0	OFF	1876	0	201	0.00	0	62.9	62.9	62.9	23.3	23.3
1-2 PM	2005	0.0	214	0.0	OFF	2005	0	214	0.00	0	62.7	62.7	62.7	23.2	23.2
2-3 PM	1964	0.0	210	0.0	OFF	1964	0	210	0.00	0	62.7	62.7	62.7	23.2	23.2
3-4 PM	1829	0.0	196	0.0	OFF	1829	0	196	0.00	0	63.0	63.0	63.0	23.3	23.3
4-5 PM	1757	0.0	188	0.0	OFF	1757	0	188	0.00	0	63.1	63.1	63.1	23.4	23.4
5-6 PM	1540	0.0	165	0.0	OFF	1540	0	165	0.00	0	63.5	63.5	63.5	23.6	23.6
6-7 PM	1213	0.0	130	0.0	1500	1213	0	130	0.65	0	64.1	54.8	38.1	23.8	23.8
7-8 PM	1094	0.0	117	0.0	1500	1094	0	117	0.53	0	64.3	56.5	41.4	24.0	24.0
8-9 PM	1012	0.0	108	0.0	1500	1012	0	108	0.52	0	64.5	56.8	41.6	24.0	24.0
9-10 PM	827	0.0	89	0.0	1500	827	0	89	0.50	0	64.8	57.3	42.3	24.2	24.2
10-11 PM	694	0.0	74	0.0	1500	694	0	74	0.49	0	65.1	57.6	42.8	24.3	24.3
11PM-MID	744	0.0	79	0.0	1500	744	0	79	0.49	0	65.0	57.5	42.6	24.2	24.2

"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		0.0165
MAIN ROUTE WITH WORKS		0.0160
DIVERSION		0.0181

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$978
CONGESTED HOURS PER DAY*	0

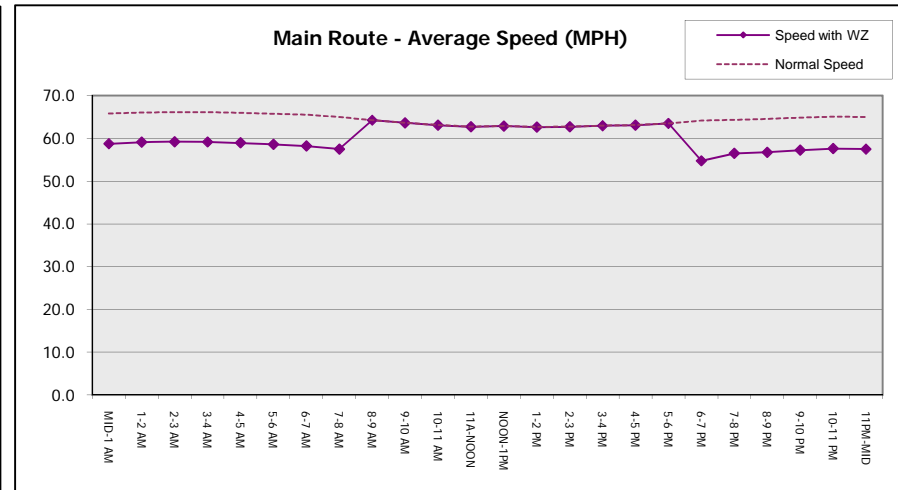
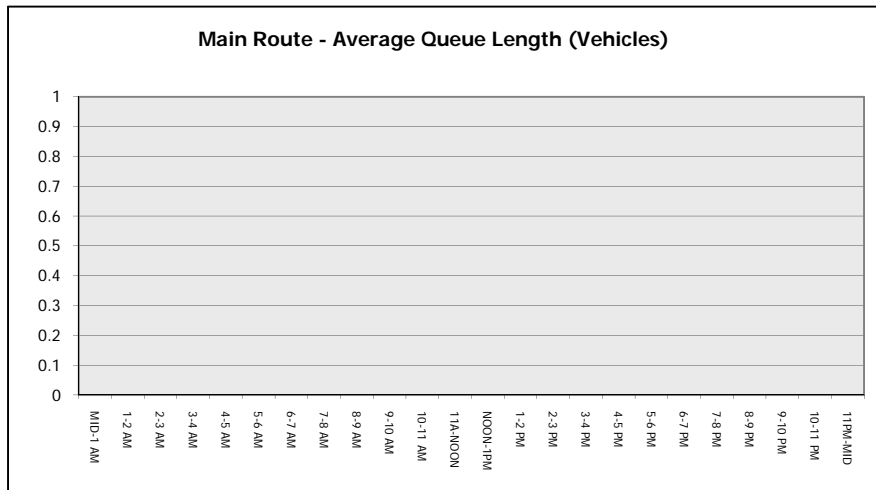
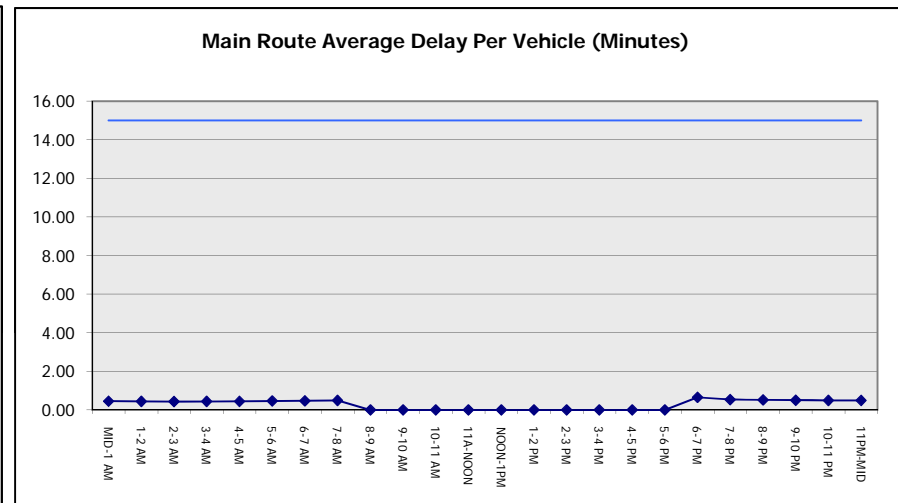
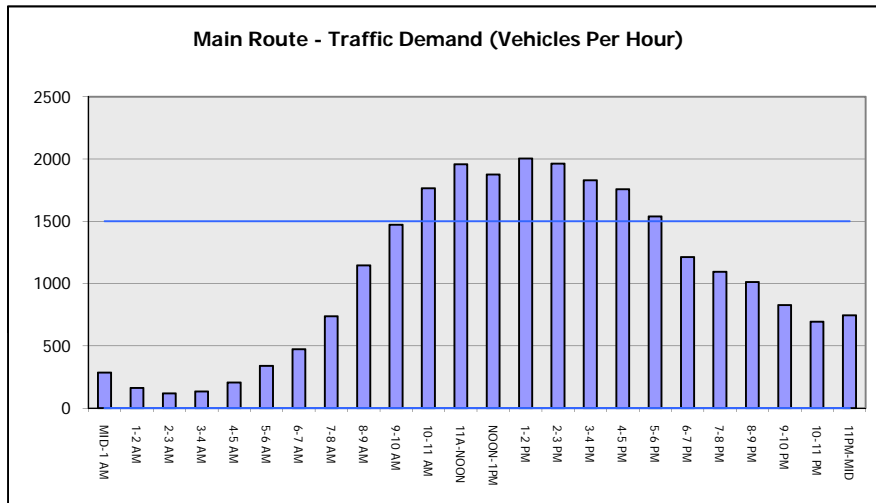
*Delays Exceeding 15 Minutes

**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

SATURDAY 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
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SUMMARY OF TRAFFIC MODEL OUTPUT	
SATURDAY	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	428	0.0	46	0.0	1500	428	0	46	0.46	0	65.6	58.4	43.8	24.5	24.5
1-2 AM	251	0.0	27	0.0	1500	251	0	27	0.45	0	65.9	58.9	44.5	24.7	24.7
2-3 AM	185	0.0	20	0.0	1500	185	0	20	0.44	0	66.0	59.1	44.7	24.7	24.7
3-4 AM	161	0.0	17	0.0	1500	161	0	17	0.44	0	66.1	59.1	44.8	24.7	24.7
4-5 AM	181	0.0	20	0.0	1500	181	0	20	0.44	0	66.1	59.1	44.8	24.7	24.7
5-6 AM	339	0.0	36	0.0	1500	339	0	36	0.46	0	65.8	58.6	44.2	24.6	24.6
6-7 AM	691	0.0	74	0.0	1500	691	0	74	0.49	0	65.1	57.6	42.8	24.3	24.3
7-8 AM	1130	0.0	120	0.0	1499	1130	0	120	0.61	0	64.3	55.5	39.3	23.9	23.9
8-9 AM	1633	0.0	175	0.0	OFF	1633	0	175	0.00	0	63.3	63.3	63.3	23.5	23.5
9-10 AM	2095	0.0	224	0.0	OFF	2095	0	224	0.00	0	62.5	62.5	62.5	23.1	23.1
10-11 AM	2328	0.0	249	0.0	OFF	2328	0	249	0.00	0	62.0	62.0	62.0	22.9	22.9
11A-NOON	2294	0.0	245	0.0	OFF	2294	0	245	0.00	0	62.1	62.1	62.1	23.0	23.0
NOON-1PM	2114	0.0	226	0.0	OFF	2114	0	226	0.00	0	62.5	62.5	62.5	23.1	23.1
1-2 PM	1937	0.0	207	0.0	OFF	1937	0	207	0.00	0	62.8	62.8	62.8	23.2	23.2
2-3 PM	1950	0.0	209	0.0	OFF	1950	0	209	0.00	0	62.8	62.8	62.8	23.2	23.2
3-4 PM	1801	0.0	192	0.0	OFF	1801	0	192	0.00	0	63.0	63.0	63.0	23.3	23.3
4-5 PM	1880	0.0	201	0.0	OFF	1880	0	201	0.00	0	62.9	62.9	62.9	23.3	23.3
5-6 PM	1375	0.0	147	0.0	OFF	1375	0	147	0.00	0	63.8	63.8	63.8	23.7	23.7
6-7 PM	1157	0.0	123	0.0	1500	1157	0	123	0.58	0	64.2	55.8	39.9	23.9	23.9
7-8 PM	1001	0.0	107	0.0	1500	1001	0	107	0.52	0	64.5	56.8	41.7	24.0	24.0
8-9 PM	905	0.0	97	0.0	1500	905	0	97	0.51	0	64.7	57.1	42.0	24.1	24.1
9-10 PM	897	0.0	96	0.0	1500	897	0	96	0.51	0	64.7	57.1	42.0	24.1	24.1
10-11 PM	796	0.0	85	0.0	1500	796	0	85	0.50	0	64.9	57.3	42.4	24.2	24.2
11PM-MID	464	0.0	49	0.0	1500	464	0	49	0.47	0	65.5	58.2	43.7	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	0.0183
MAIN ROUTE WITH WORKS	0.0177
DIVERSION	0.0200

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,049
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
SATURDAY NORTHBOUND DIRECTION

