

USH 41: STH 60 TO USH 45 (WASHINGTON COUNTY) NIGHTTIME CLOSURE DIVERSION ROUTE: PIONEER RD - STH 175 - STH 164 - STH 60	MAY
	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	144	0.0	15	0.0	1500	144	0	15	0.44	0	66.1	59.2	44.9	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	157	0.0	16	0.0	1500	157	0	16	0.44	0	66.1	59.1	44.8	24.7	24.7
3-4 AM	214	0.0	23	0.0	1500	214	0	23	0.44	0	66.0	59.0	44.6	24.7	24.7
4-5 AM	422	0.0	45	0.0	1500	422	0	45	0.46	0	65.6	58.4	43.8	24.5	24.5
5-6 AM	984	0.0	105	0.0	OFF	984	0	105	0.00	0	64.5	64.5	64.5	24.0	24.0
6-7 AM	1434	0.0	153	0.0	OFF	1434	0	153	0.00	0	63.7	63.7	63.7	23.7	23.7
7-8 AM	1559	0.0	167	0.0	OFF	1559	0	167	0.00	0	63.5	63.5	63.5	23.5	23.5
8-9 AM	1356	0.0	145	0.0	OFF	1356	0	145	0.00	0	63.8	63.8	63.8	23.7	23.7
9-10 AM	1265	0.0	136	0.0	OFF	1265	0	136	0.00	0	64.0	64.0	64.0	23.8	23.8
10-11 AM	1314	0.0	140	0.0	OFF	1314	0	140	0.00	0	64.0	64.0	64.0	23.8	23.8
11A-NOON	1339	0.0	143	0.0	OFF	1339	0	143	0.00	0	63.9	63.9	63.9	23.7	23.7
NOON-1PM	1369	0.0	146	0.0	OFF	1369	0	146	0.00	0	63.8	63.8	63.8	23.7	23.7
1-2 PM	1619	0.0	173	0.0	OFF	1619	0	173	0.00	0	63.3	63.3	63.3	23.5	23.5
2-3 PM	1654	0.0	177	0.0	OFF	1654	0	177	0.00	0	63.3	63.3	63.3	23.5	23.5
3-4 PM	1811	0.0	194	0.0	OFF	1811	0	194	0.00	0	63.0	63.0	63.0	23.3	23.3
4-5 PM	1935	0.0	207	0.0	OFF	1935	0	207	0.00	0	62.8	62.8	62.8	23.2	23.2
5-6 PM	1861	0.0	199	0.0	OFF	1861	0	199	0.00	0	62.9	62.9	62.9	23.3	23.3
6-7 PM	1335	0.0	143	0.0	OFF	1335	0	143	0.00	0	63.9	63.9	63.9	23.7	23.7
7-8 PM	1027	0.0	110	0.0	1500	1027	0	110	0.52	0	64.5	56.7	41.6	24.0	24.0
8-9 PM	770	0.0	82	0.0	1500	770	0	82	0.50	0	65.0	57.4	42.5	24.2	24.2
9-10 PM	657	0.0	70	0.0	1500	657	0	70	0.49	0	65.1	57.8	42.9	24.3	24.3
10-11 PM	448	0.0	48	0.0	1500	448	0	48	0.47	0	65.6	58.3	43.7	24.5	24.5
11PM-MID	301	0.0	32	0.0	1500	301	0	32	0.45	0	65.8	58.7	44.3	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 (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		0.0164
MAIN ROUTE WITH WORKS		0.0161
DIVERSION		0.0180

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$507
CONGESTED HOURS PER DAY*	0

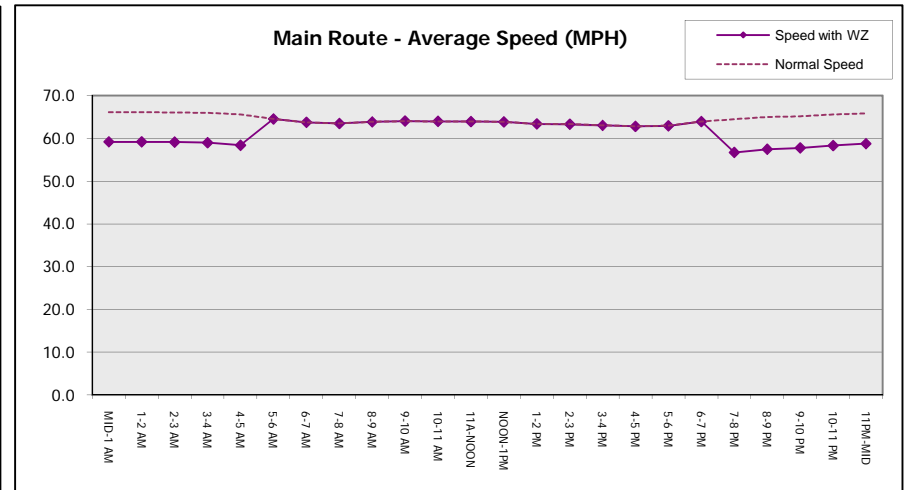
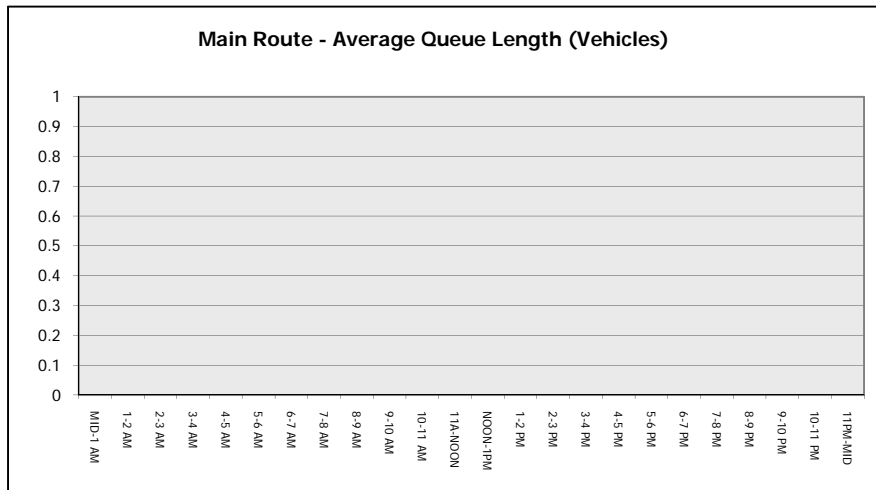
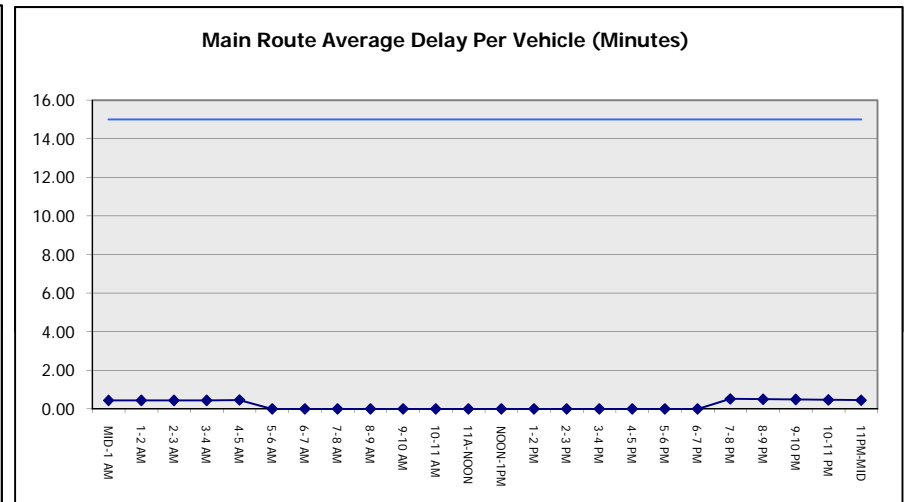
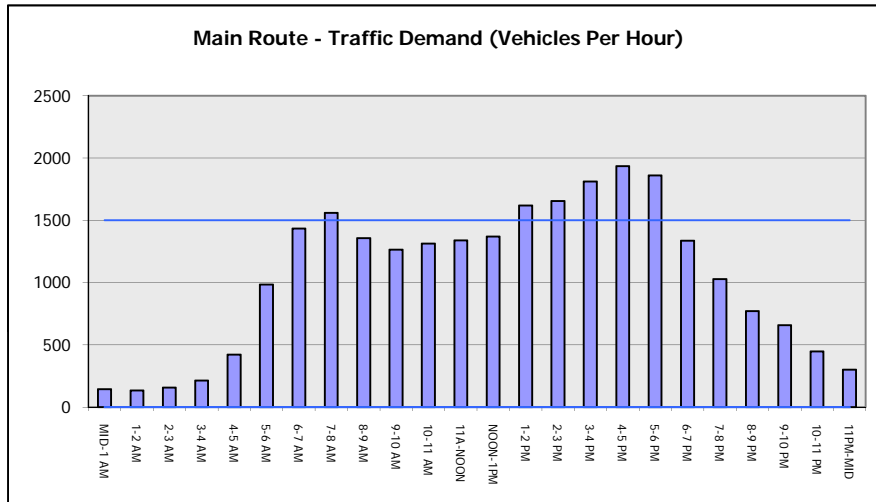
*Delays Exceeding 15 Minutes

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

MAY
 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	MAY
	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	271	0.0	29	0.0	1500	271	0	29	0.45	0	65.9	58.8	44.4	24.6	24.6
1-2 AM	210	0.0	23	0.0	1500	210	0	23	0.44	0	66.0	59.0	44.6	24.7	24.7
2-3 AM	155	0.0	16	0.0	1500	155	0	16	0.44	0	66.1	59.1	44.8	24.7	24.7
3-4 AM	183	0.0	20	0.0	1500	183	0	20	0.44	0	66.1	59.1	44.8	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	627	0.0	67	0.0	OFF	627	0	67	0.00	0	65.2	65.2	65.2	24.3	24.3
6-7 AM	1122	0.0	120	0.0	OFF	1122	0	120	0.00	0	64.3	64.3	64.3	23.9	23.9
7-8 AM	1413	0.0	151	0.0	OFF	1413	0	151	0.00	0	63.8	63.8	63.8	23.7	23.7
8-9 AM	1440	0.0	154	0.0	OFF	1440	0	154	0.00	0	63.7	63.7	63.7	23.7	23.7
9-10 AM	1659	0.0	178	0.0	OFF	1659	0	178	0.00	0	63.3	63.3	63.3	23.5	23.5
10-11 AM	1782	0.0	190	0.0	OFF	1782	0	190	0.00	0	63.1	63.1	63.1	23.3	23.3
11A-NOON	1756	0.0	188	0.0	OFF	1756	0	188	0.00	0	63.1	63.1	63.1	23.4	23.4
NOON-1PM	1988	0.0	213	0.0	OFF	1988	0	213	0.00	0	62.7	62.7	62.7	23.2	23.2
1-2 PM	2235	0.0	239	0.0	OFF	2235	0	239	0.00	0	62.2	62.2	62.2	23.0	23.0
2-3 PM	2478	0.0	266	0.0	OFF	2478	0	266	0.00	0	61.1	61.1	61.1	22.8	22.8
3-4 PM	3043	0.0	325	0.0	OFF	3043	0	325	0.00	0	55.3	55.3	55.3	22.4	22.4
4-5 PM	3345	0.0	358	0.0	OFF	3345	0	358	0.00	0	52.2	52.2	52.2	22.1	22.1
5-6 PM	3265	0.0	349	0.0	OFF	3265	0	349	0.00	0	53.0	53.0	53.0	22.2	22.2
6-7 PM	2491	0.0	267	0.0	OFF	2491	0	267	0.00	0	61.0	61.0	61.0	22.8	22.8
7-8 PM	1779	0.0	190	0.0	1499	1779	0	190	7.03	178	63.1	22.5	30.8	23.3	23.3
8-9 PM	1247	0.0	134	0.0	1499	1240	6	140	6.48	169	64.1	23.8	33.0	23.8	23.8
9-10 PM	1036	0.0	111	0.0	1500	1035	0	111	0.54	0	64.5	56.5	41.5	24.0	24.0
10-11 PM	900	0.0	97	0.0	1500	900	0	97	0.51	0	64.7	57.1	42.0	24.1	24.1
11PM-MID	673	0.0	72	0.0	1500	673	0	72	0.49	0	65.1	57.7	42.8	24.3	24.3

"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	0.0231
MAIN ROUTE WITH WORKS	0.0227
DIVERSION	0.0254

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$5,500
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**

MAY
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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY NORTHBOUND DIRECTION

