

USH 41: STH 60 TO USH 45 (WASHINGTON COUNTY) CONTINUOUS (24 HOUR) 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	1499	984	0	105	0.52	0	64.5	56.8	41.7	24.0	24.0
6-7 AM	1434	0.0	153	0.0	1499	1434	0	153	0.96	0	63.7	51.0	32.4	23.7	23.7
7-8 AM	1559	0.0	167	0.0	1500	1559	0	167	2.25	34	63.5	40.2	30.8	23.5	23.5
8-9 AM	1356	0.0	145	0.0	1499	1356	0	145	1.42	17	63.8	46.6	33.4	23.7	23.7
9-10 AM	1265	0.0	136	0.0	1500	1265	0	136	0.72	0	64.0	53.9	36.5	23.8	23.8
10-11 AM	1314	0.0	140	0.0	1500	1314	0	140	0.78	0	64.0	53.1	35.1	23.8	23.8
11A-NOON	1339	0.0	143	0.0	1500	1339	0	143	0.82	0	63.9	52.7	34.5	23.7	23.7
NOON-1PM	1369	0.0	146	0.0	1499	1369	0	146	0.85	0	63.8	52.2	33.7	23.7	23.7
1-2 PM	1619	0.0	173	0.0	1499	1619	0	173	2.71	50	63.3	37.3	30.8	23.5	23.5
2-3 PM	1654	0.0	177	0.0	1499	1654	0	177	7.87	190	63.3	20.9	30.8	23.5	23.5
3-4 PM	1811	0.0	194	0.0	1499	1540	271	464	12.15	301	63.0	15.3	30.8	23.3	21.3
4-5 PM	1935	0.0	207	0.0	1500	1518	417	624	13.12	327	62.8	14.4	30.8	23.2	20.1
5-6 PM	1861	0.0	199	0.0	1499	1471	390	588	12.90	321	62.9	14.7	30.8	23.3	20.3
6-7 PM	1335	0.0	143	0.0	1499	1301	34	177	8.71	216	63.9	19.6	31.4	23.7	23.5
7-8 PM	1027	0.0	110	0.0	1500	1027	0	110	0.90	13	64.5	52.2	41.0	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

----- 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	0.0141
DIVERSION	0.0254

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$27,920
CONGESTED HOURS PER DAY*	0

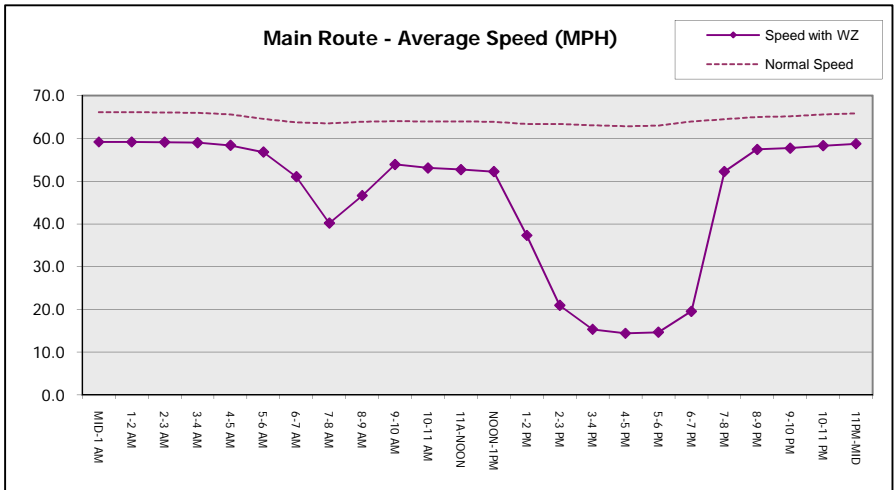
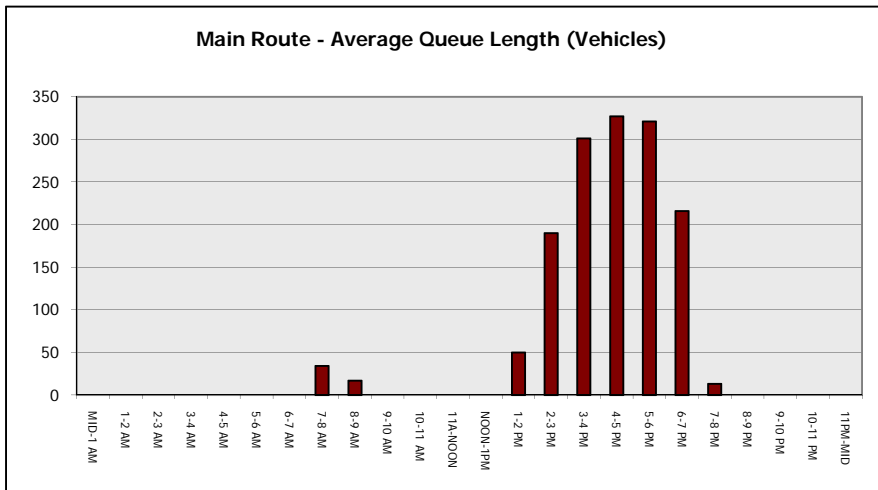
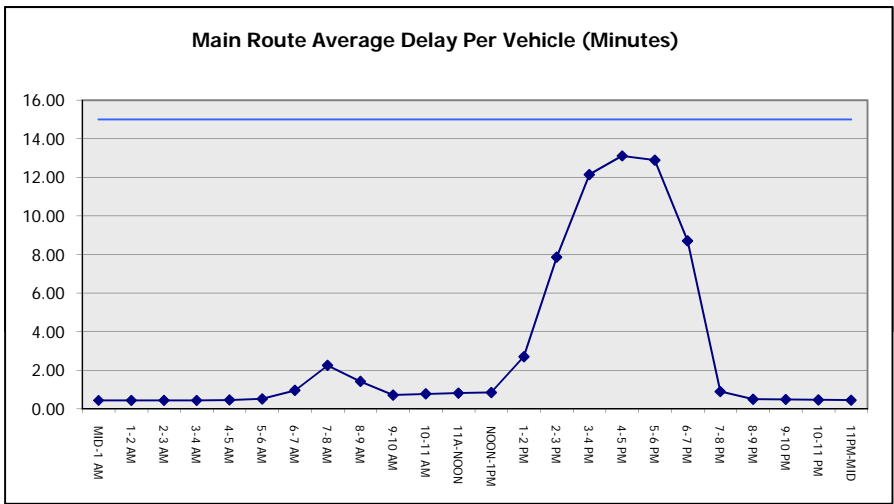
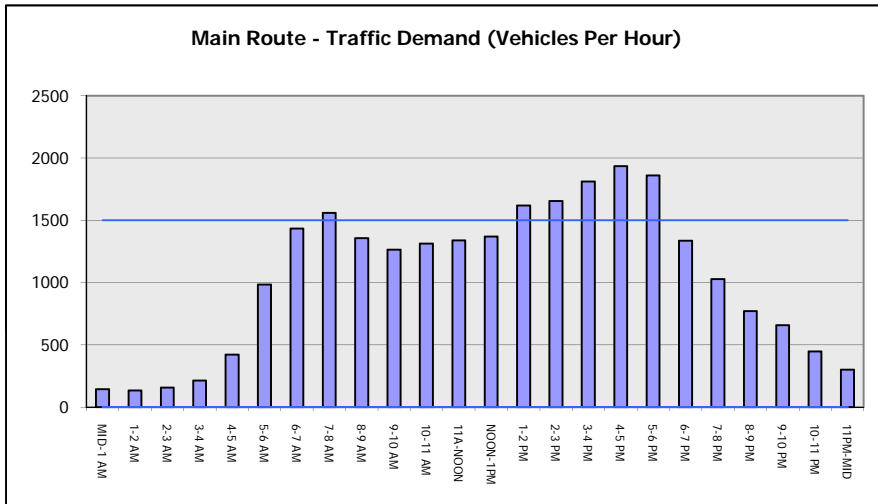
*Delays Exceeding 15 Minutes

**USH 41: STH 60 TO USH 45 (WASHINGTON COUNTY)
 CONTINUOUS (24 HOUR) 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) CONTINUOUS (24 HOUR) 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			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		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	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	1500	627	0	67	0.48	0	65.2	57.8	43.0	24.3	24.3
6-7 AM	1122	0.0	120	0.0	1500	1122	0	120	0.54	0	64.3	56.4	41.1	23.9	23.9
7-8 AM	1413	0.0	151	0.0	1500	1413	0	151	0.91	0	63.8	51.5	32.7	23.7	23.7
8-9 AM	1440	0.0	154	0.0	1499	1440	0	154	0.95	0	63.7	51.2	32.0	23.7	23.7
9-10 AM	1659	0.0	178	0.0	1499	1659	0	178	3.27	69	63.3	34.4	30.8	23.5	23.5
10-11 AM	1782	0.0	190	0.0	1500	1645	137	327	10.61	264	63.1	17.0	30.8	23.3	22.4
11A-NOON	1756	0.0	188	0.0	1499	1498	258	447	12.06	298	63.1	15.4	30.8	23.4	21.4
NOON-1PM	1988	0.0	213	0.0	1500	1551	437	650	13.29	332	62.7	14.3	30.8	23.2	19.9
1-2 PM	2235	0.0	239	0.0	1500	1558	676	915	15.22	385	62.2	12.9	30.8	23.0	17.8
2-3 PM	2478	0.0	266	0.0	1499	1581	897	1162	17.43	447	61.1	11.5	30.8	22.8	15.9
3-4 PM	3043	0.0	325	0.0	1500	1642	1401	1726+	23.03	613	55.3	9.6	31.0	22.4	13.1
4-5 PM	3345	0.0	358	0.0	1500	1506	1838	2197+	24.78	666	52.2	9.3	30.9	22.1	12.4
5-6 PM	3265	0.0	349	0.0	1500	1505	1761	2110+	24.83	665	53.0	9.3	30.8	22.2	12.4
6-7 PM	2491	0.0	267	0.0	1500	1294	1197	1464+	21.25	553	61.0	10.1	30.8	22.8	13.9
7-8 PM	1779	0.0	190	0.0	1500	1337	442	632	13.19	333	63.1	14.4	30.8	23.3	20.0
8-9 PM	1247	0.0	134	0.0	1499	1242	5	138	6.45	169	64.1	23.9	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

+ INDICATES DIVERSION FLOW EXCEEDS USER-SPECIFIED WARNING LIMIT

----- 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	0.0155
DIVERSION	0.0860

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$115,439
CONGESTED HOURS PER DAY*	6

*Delays Exceeding 15 Minutes

**USH 41: STH 60 TO USH 45 (WASHINGTON COUNTY)
 CONTINUOUS (24 HOUR) 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 NORTHBOUND DIRECTION

