

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

MON-THUR 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	132	0.0	14	0.0	1500	132	0	14	0.44	0	66.1	59.2	45.0	24.7	24.7
1-2 AM	121	0.0	13	0.0	1500	121	0	13	0.43	0	66.1	59.2	45.0	24.7	24.7
2-3 AM	154	0.0	16	0.0	1500	154	0	16	0.44	0	66.1	59.1	44.8	24.7	24.7
3-4 AM	274	0.0	30	0.0	1500	274	0	30	0.45	0	65.9	58.8	44.4	24.6	24.6
4-5 AM	585	0.0	63	0.0	1500	585	0	63	0.48	0	65.3	57.9	43.2	24.3	24.3
5-6 AM	1236	0.0	132	0.0	1499	1236	0	132	0.69	0	64.1	54.3	37.5	23.8	23.8
6-7 AM	1653	0.0	177	0.0	1499	1653	0	177	3.24	67	63.3	34.5	30.8	23.5	23.5
7-8 AM	1519	0.0	163	0.0	1499	1519	0	163	7.39	171	63.5	21.9	30.8	23.6	23.6
8-9 AM	1366	0.0	146	0.0	1499	1366	0	146	4.91	111	63.8	28.1	31.3	23.7	23.7
9-10 AM	1346	0.0	144	0.0	1500	1346	0	144	1.00	5	63.9	50.7	34.0	23.7	23.7
10-11 AM	1319	0.0	141	0.0	1500	1319	0	141	0.79	0	63.9	53.0	35.0	23.8	23.8
11A-NOON	1299	0.0	139	0.0	1500	1299	0	139	0.76	0	64.0	53.3	35.5	23.8	23.8
NOON-1PM	1327	0.0	142	0.0	1500	1327	0	142	0.80	0	63.9	52.9	34.8	23.7	23.7
1-2 PM	1469	0.0	157	0.0	1499	1469	0	157	0.98	0	63.7	50.7	31.4	23.7	23.7
2-3 PM	1515	0.0	162	0.0	1499	1515	0	162	1.16	3	63.6	48.9	30.8	23.6	23.6
3-4 PM	1589	0.0	170	0.0	1500	1589	0	170	3.05	57	63.4	35.5	30.8	23.5	23.5
4-5 PM	1591	0.0	170	0.0	1500	1591	0	170	6.74	156	63.4	23.2	30.8	23.5	23.5
5-6 PM	1398	0.0	149	0.0	1499	1398	0	149	6.92	161	63.8	22.9	30.9	23.7	23.7
6-7 PM	1061	0.0	113	0.0	1500	1061	0	113	0.88	12	64.4	52.4	40.6	24.0	24.0
7-8 PM	837	0.0	90	0.0	1500	837	0	90	0.50	0	64.8	57.3	42.2	24.2	24.2
8-9 PM	708	0.0	76	0.0	1500	708	0	76	0.49	0	65.1	57.6	42.7	24.3	24.3
9-10 PM	569	0.0	61	0.0	1500	569	0	61	0.48	0	65.3	57.9	43.2	24.3	24.3
10-11 PM	355	0.0	38	0.0	1500	355	0	38	0.46	0	65.7	58.6	44.1	24.5	24.5
11PM-MID	196	0.0	21	0.0	1500	196	0	21	0.44	0	66.0	59.0	44.7	24.7	24.7

----- 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	0.0154
MAIN ROUTE WITH WORKS	0.0139
DIVERSION	0.0169

PIA: Personal Injury Accidents

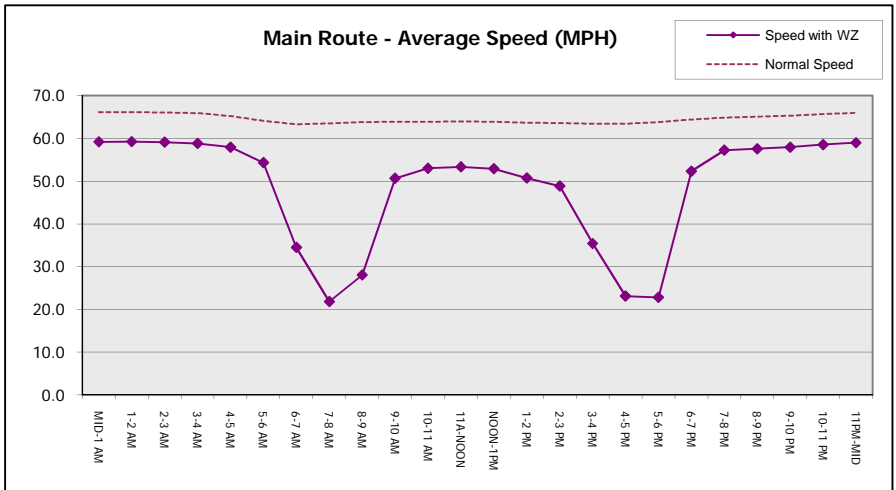
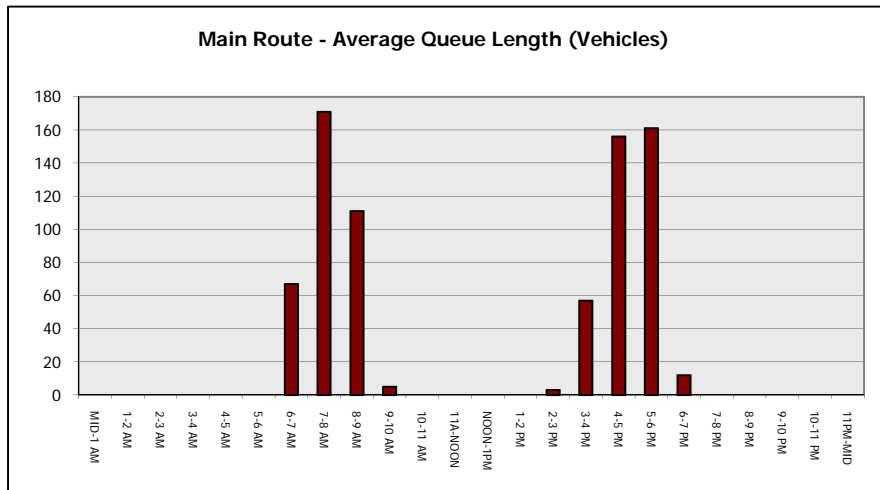
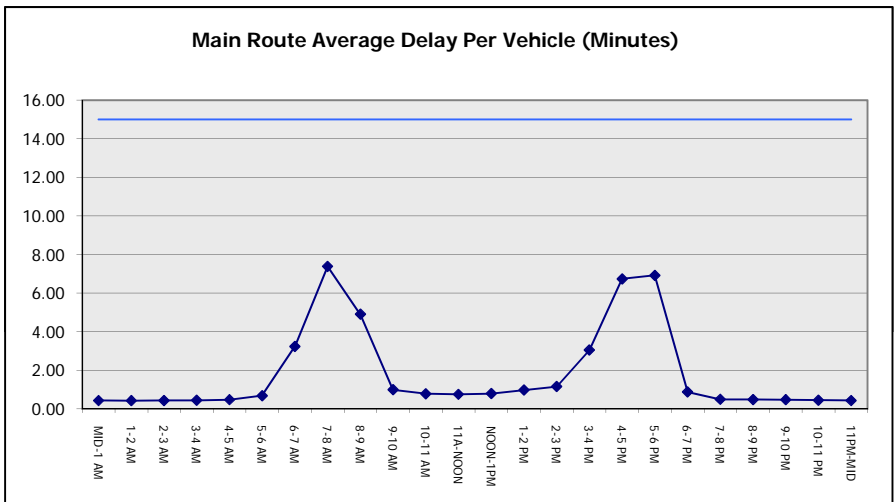
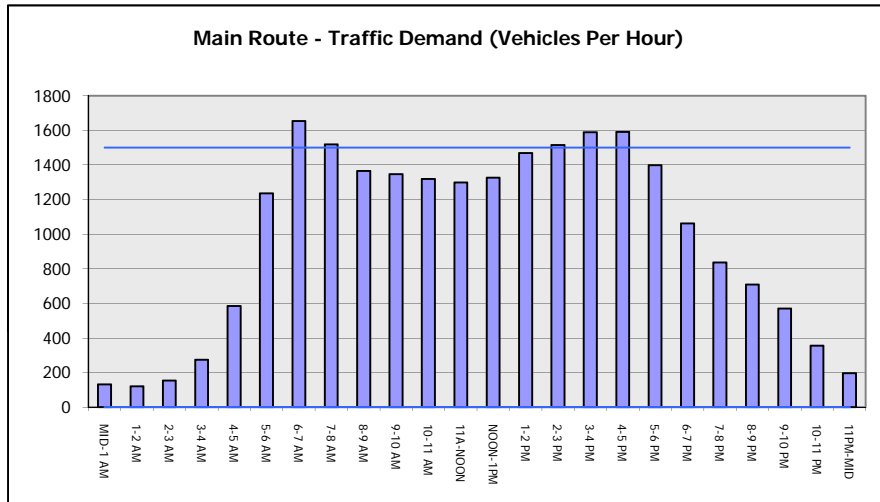
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$13,194
CONGESTED HOURS PER DAY*	0

*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
MON-THUR 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

MON-THUR 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	176	0.0	19	0.0	1500	176	0	19	0.44	0	66.1	59.1	44.8	24.7	24.7
1-2 AM	140	0.0	15	0.0	1500	140	0	15	0.44	0	66.1	59.2	44.9	24.7	24.7
2-3 AM	127	0.0	13	0.0	1500	127	0	13	0.43	0	66.1	59.2	45.0	24.7	24.7
3-4 AM	167	0.0	17	0.0	1500	167	0	17	0.44	0	66.1	59.1	44.8	24.7	24.7
4-5 AM	308	0.0	33	0.0	1500	308	0	33	0.45	0	65.8	58.7	44.3	24.6	24.6
5-6 AM	659	0.0	70	0.0	1500	659	0	70	0.49	0	65.1	57.7	42.9	24.3	24.3
6-7 AM	1105	0.0	118	0.0	1500	1105	0	118	0.53	0	64.3	56.5	41.3	23.9	23.9
7-8 AM	1203	0.0	129	0.0	1500	1203	0	129	0.64	0	64.1	55.0	38.3	23.8	23.8
8-9 AM	1205	0.0	129	0.0	1500	1205	0	129	0.64	0	64.1	54.9	38.3	23.8	23.8
9-10 AM	1186	0.0	127	0.0	1500	1186	0	127	0.62	0	64.1	55.3	38.9	23.8	23.8
10-11 AM	1179	0.0	127	0.0	1500	1179	0	127	0.61	0	64.2	55.4	39.1	23.8	23.8
11A-NOON	1198	0.0	129	0.0	1500	1198	0	129	0.63	0	64.1	55.0	38.5	23.8	23.8
NOON-1PM	1212	0.0	130	0.0	1500	1212	0	130	0.65	0	64.1	54.8	38.1	23.8	23.8
1-2 PM	1293	0.0	138	0.0	1499	1293	0	138	0.76	0	64.0	53.5	35.7	23.8	23.8
2-3 PM	1557	0.0	167	0.0	1499	1557	0	167	1.55	16	63.5	45.3	31.0	23.5	23.5
3-4 PM	1901	0.0	204	0.0	1500	1767	134	338	8.82	229	62.8	19.3	30.8	23.3	22.2
4-5 PM	1968	0.0	211	0.0	1499	1496	473	684	13.52	338	62.7	14.1	30.8	23.2	19.6
5-6 PM	1559	0.0	167	0.0	1499	1408	151	318	11.23	276	63.5	16.3	30.8	23.5	22.4
6-7 PM	1028	0.0	110	0.0	1499	1028	0	110	2.29	73	64.5	40.3	38.4	24.0	24.0
7-8 PM	786	0.0	84	0.0	1500	786	0	84	0.50	0	64.9	57.4	42.4	24.2	24.2
8-9 PM	689	0.0	74	0.0	1500	689	0	74	0.49	0	65.1	57.6	42.8	24.3	24.3
9-10 PM	575	0.0	62	0.0	1500	575	0	62	0.48	0	65.3	57.9	43.2	24.3	24.3
10-11 PM	462	0.0	49	0.0	1500	462	0	49	0.47	0	65.5	58.2	43.7	24.5	24.5
11PM-MID	251	0.0	27	0.0	1500	251	0	27	0.45	0	65.9	58.9	44.5	24.7	24.7

----- 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	0.0143
MAIN ROUTE WITH WORKS	0.0124
DIVERSION	0.0208

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$16,281
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
MON-THUR NORTHBOUND DIRECTION

