

USH 41: STH 60 TO USH 45 (WASHINGTON COUNTY) CONTINUOUS (24 HOUR) 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	1499	1145	0	122	0.60	0	64.3	55.5	39.4	23.9	23.9
9-10 AM	1472	0.0	157	0.0	1499	1472	0	157	1.17	6	63.7	48.9	31.9	23.7	23.7
10-11 AM	1764	0.0	188	0.0	1500	1764	0	188	5.61	141	63.1	25.8	30.8	23.4	23.4
11A-NOON	1958	0.0	209	0.0	1499	1549	409	618	13.08	326	62.7	14.5	30.8	23.2	20.1
NOON-1PM	1876	0.0	201	0.0	1499	1483	393	594	12.93	322	62.9	14.6	30.8	23.3	20.3
1-2 PM	2005	0.0	214	0.0	1500	1527	479	693	13.57	340	62.7	14.0	30.8	23.2	19.5
2-3 PM	1964	0.0	210	0.0	1499	1485	479	689	13.55	339	62.7	14.1	30.8	23.2	19.6
3-4 PM	1829	0.0	196	0.0	1499	1474	355	551	12.67	315	63.0	14.8	30.8	23.3	20.6
4-5 PM	1757	0.0	188	0.0	1500	1486	271	460	12.13	300	63.1	15.3	30.8	23.4	21.3
5-6 PM	1540	0.0	165	0.0	1500	1457	83	248	10.97	268	63.5	16.6	30.8	23.6	22.9
6-7 PM	1213	0.0	130	0.0	1499	1213	0	130	4.24	121	64.1	30.4	34.2	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

----- 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		0.0165
MAIN ROUTE WITH WORKS		0.0134
DIVERSION		0.0347

PIA: Personal Injury Accidents

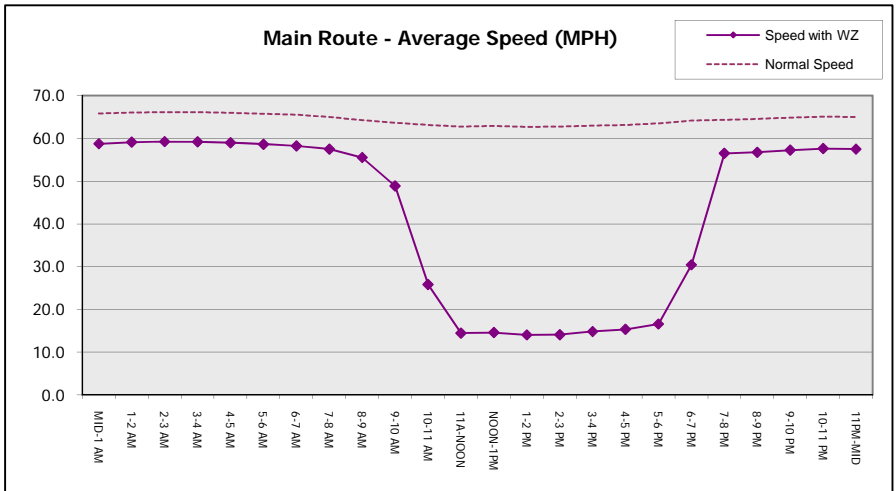
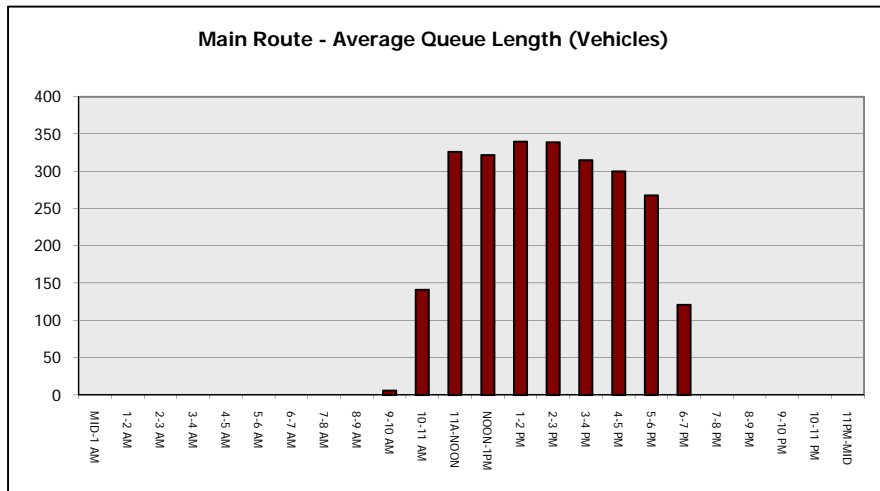
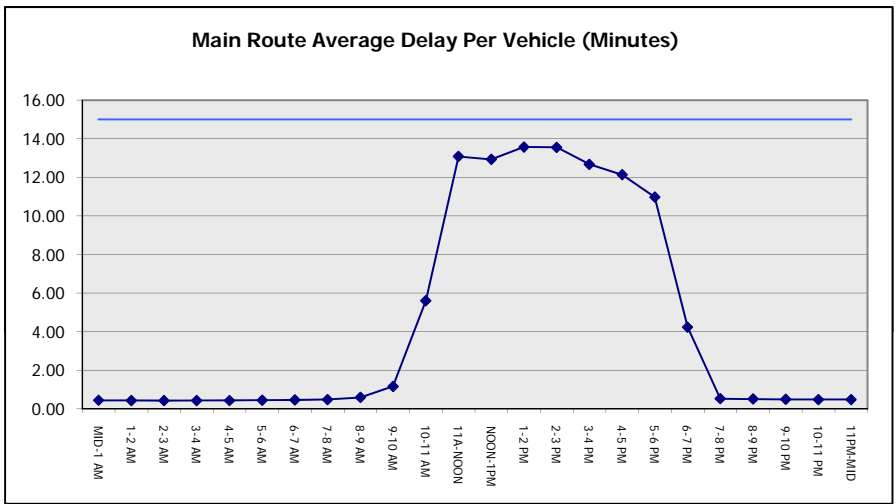
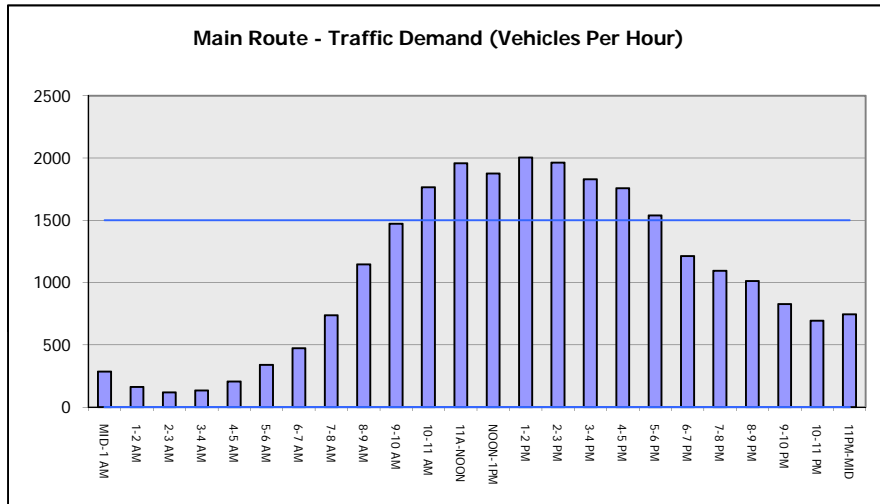
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$54,596
CONGESTED HOURS PER DAY*	0

*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**

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) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: PIONEER RD - STH 175 - STH 164 - STH 60	AUGUST
	Analyzed for 2009 Construction Season

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	1499	1633	0	175	2.11	36	63.3	41.0	30.8	23.5	23.5
9-10 AM	2095	0.0	224	0.0	1500	1751	344	568	12.13	314	62.5	15.3	30.8	23.1	20.5
10-11 AM	2328	0.0	249	0.0	1500	1545	782	1032	16.22	412	62.0	12.2	30.8	22.9	17.0
11A-NOON	2294	0.0	245	0.0	1499	1480	814	1059	16.48	419	62.1	12.0	30.8	23.0	16.7
NOON-1PM	2114	0.0	226	0.0	1499	1452	663	889	15.02	379	62.5	13.0	30.8	23.1	18.0
1-2 PM	1937	0.0	207	0.0	1500	1467	470	677	13.48	337	62.8	14.2	30.8	23.2	19.6
2-3 PM	1950	0.0	209	0.0	1500	1503	447	655	13.33	333	62.8	14.3	30.8	23.2	19.8
3-4 PM	1801	0.0	192	0.0	1499	1474	328	520	12.49	310	63.0	15.0	30.8	23.3	20.9
4-5 PM	1880	0.0	201	0.0	1500	1506	373	574	12.81	319	62.9	14.7	30.8	23.3	20.4
5-6 PM	1375	0.0	147	0.0	1499	1333	42	190	9.49	232	63.8	18.4	30.8	23.7	23.4
6-7 PM	1157	0.0	123	0.0	1500	1157	0	123	1.55	34	64.2	45.7	38.1	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

----- 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	0.0139
DIVERSION	0.0486

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$74,452
CONGESTED HOURS PER DAY*	3

*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

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY NORTHBOUND DIRECTION

