

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

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	301	0.0	32	0.0	1500	301	0	32	0.45	0	65.8	58.7	44.3	24.6	24.6
1-2 AM	151	0.0	16	0.0	1500	151	0	16	0.44	0	66.1	59.2	44.9	24.7	24.7
2-3 AM	168	0.0	17	0.0	1500	168	0	17	0.44	0	66.1	59.1	44.8	24.7	24.7
3-4 AM	222	0.0	24	0.0	1500	222	0	24	0.44	0	66.0	58.9	44.6	24.7	24.7
4-5 AM	431	0.0	46	0.0	1500	431	0	46	0.46	0	65.6	58.4	43.8	24.5	24.5
5-6 AM	954	0.0	102	0.0	OFF	954	0	102	0.00	0	64.6	64.6	64.6	24.0	24.0
6-7 AM	1418	0.0	151	0.0	OFF	1418	0	151	0.00	0	63.7	63.7	63.7	23.7	23.7
7-8 AM	1510	0.0	162	0.0	OFF	1510	0	162	0.00	0	63.6	63.6	63.6	23.6	23.6
8-9 AM	1375	0.0	147	0.0	OFF	1375	0	147	0.00	0	63.8	63.8	63.8	23.7	23.7
9-10 AM	1447	0.0	154	0.0	OFF	1447	0	154	0.00	0	63.7	63.7	63.7	23.7	23.7
10-11 AM	1527	0.0	164	0.0	OFF	1527	0	164	0.00	0	63.5	63.5	63.5	23.6	23.6
11A-NOON	1641	0.0	176	0.0	OFF	1641	0	176	0.00	0	63.3	63.3	63.3	23.5	23.5
NOON-1PM	1656	0.0	177	0.0	OFF	1656	0	177	0.00	0	63.3	63.3	63.3	23.5	23.5
1-2 PM	1753	0.0	187	0.0	OFF	1753	0	187	0.00	0	63.1	63.1	63.1	23.4	23.4
2-3 PM	1871	0.0	200	0.0	OFF	1871	0	200	0.00	0	62.9	62.9	62.9	23.3	23.3
3-4 PM	1939	0.0	208	0.0	OFF	1939	0	208	0.00	0	62.8	62.8	62.8	23.2	23.2
4-5 PM	1964	0.0	210	0.0	OFF	1964	0	210	0.00	0	62.7	62.7	62.7	23.2	23.2
5-6 PM	1920	0.0	206	0.0	OFF	1920	0	206	0.00	0	62.8	62.8	62.8	23.3	23.3
6-7 PM	1430	0.0	153	0.0	OFF	1430	0	153	0.00	0	63.7	63.7	63.7	23.7	23.7
7-8 PM	1113	0.0	119	0.0	1500	1113	0	119	0.53	0	64.3	56.5	41.3	23.9	23.9
8-9 PM	869	0.0	93	0.0	1500	869	0	93	0.51	0	64.8	57.1	42.2	24.2	24.2
9-10 PM	718	0.0	77	0.0	1500	718	0	77	0.49	0	65.0	57.6	42.7	24.2	24.2
10-11 PM	531	0.0	57	0.0	1500	531	0	57	0.47	0	65.4	58.1	43.4	24.4	24.4
11PM-MID	364	0.0	39	0.0	1500	364	0	39	0.46	0	65.7	58.6	44.0	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	0.0178
MAIN ROUTE WITH WORKS	0.0175
DIVERSION	0.0195

PIA: Personal Injury Accidents

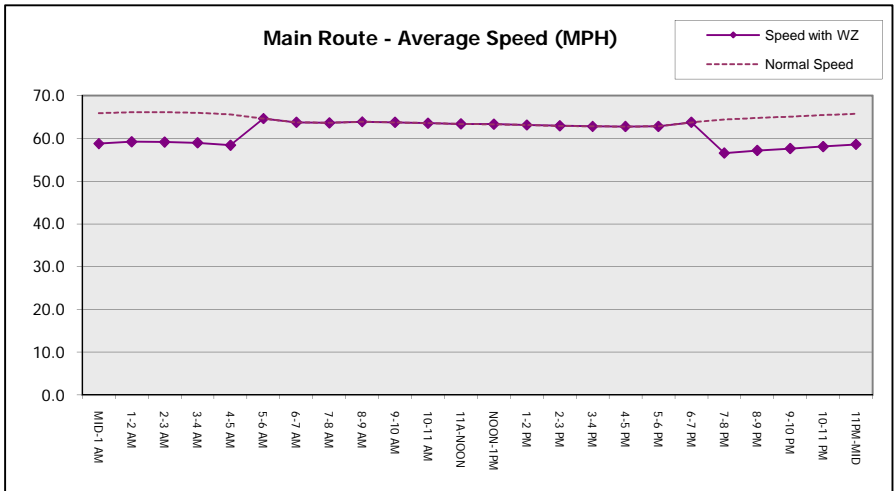
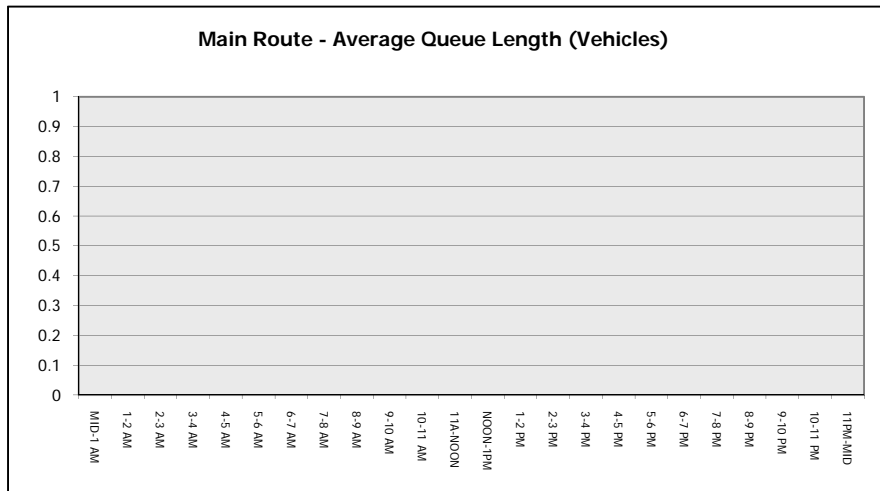
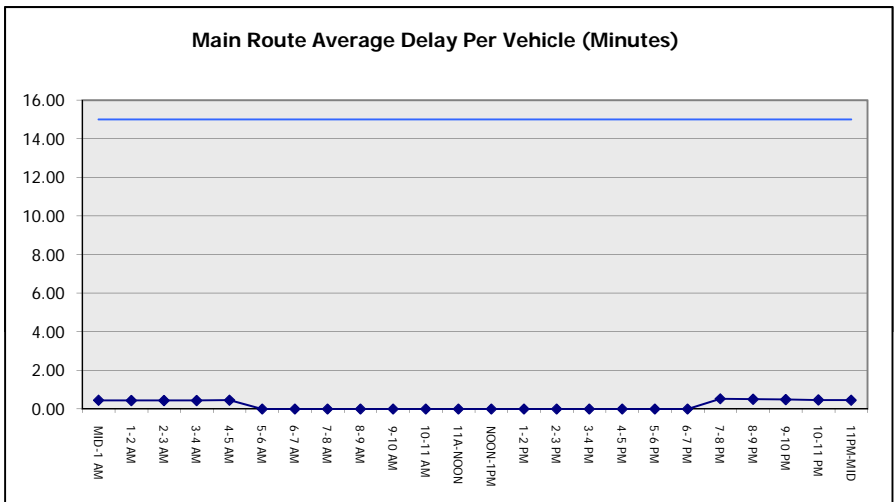
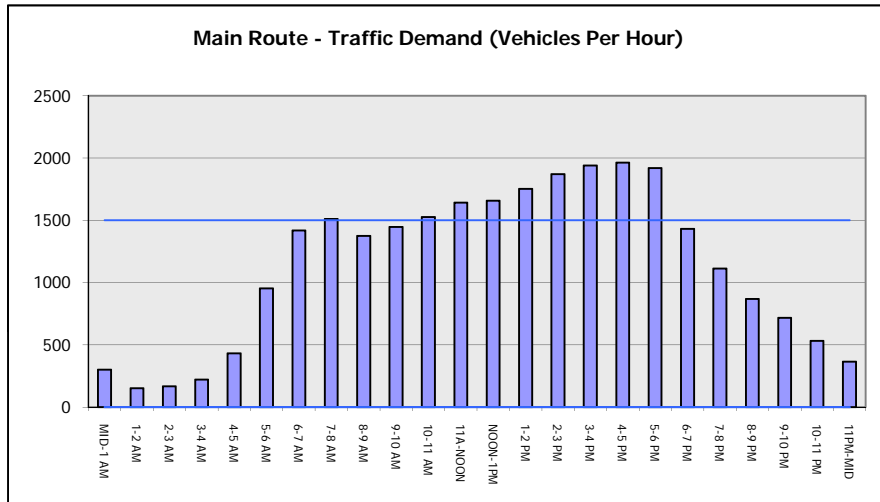
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$589
CONGESTED HOURS PER DAY*	0

*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
FRIDAY 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

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	303	0.0	32	0.0	1500	303	0	32	0.45	0	65.8	58.7	44.3	24.6	24.6
1-2 AM	232	0.0	25	0.0	1500	232	0	25	0.44	0	66.0	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	196	0.0	21	0.0	1500	196	0	21	0.44	0	66.0	59.0	44.7	24.7	24.7
4-5 AM	291	0.0	31	0.0	1500	291	0	31	0.45	0	65.8	58.7	44.3	24.6	24.6
5-6 AM	570	0.0	61	0.0	OFF	570	0	61	0.00	0	65.3	65.3	65.3	24.3	24.3
6-7 AM	1031	0.0	110	0.0	OFF	1031	0	110	0.00	0	64.5	64.5	64.5	24.0	24.0
7-8 AM	1339	0.0	143	0.0	OFF	1339	0	143	0.00	0	63.9	63.9	63.9	23.7	23.7
8-9 AM	1501	0.0	161	0.0	OFF	1501	0	161	0.00	0	63.6	63.6	63.6	23.6	23.6
9-10 AM	1784	0.0	190	0.0	OFF	1784	0	190	0.00	0	63.0	63.0	63.0	23.3	23.3
10-11 AM	2034	0.0	217	0.0	OFF	2034	0	217	0.00	0	62.6	62.6	62.6	23.2	23.2
11A-NOON	2046	0.0	219	0.0	OFF	2046	0	219	0.00	0	62.6	62.6	62.6	23.2	23.2
NOON-1PM	2301	0.0	246	0.0	OFF	2301	0	246	0.00	0	62.1	62.1	62.1	23.0	23.0
1-2 PM	2451	0.0	262	0.0	OFF	2451	0	262	0.00	0	61.4	61.4	61.4	22.9	22.9
2-3 PM	2775	0.0	296	0.0	OFF	2775	0	296	0.00	0	58.1	58.1	58.1	22.5	22.5
3-4 PM	3198	0.0	342	0.0	OFF	3198	0	342	0.00	0	53.7	53.7	53.7	22.2	22.2
4-5 PM	3502	0.0	375	0.0	OFF	3502	0	375	0.00	0	50.6	50.6	50.6	22.0	22.0
5-6 PM	3448	0.0	368	0.0	OFF	3448	0	368	0.00	0	51.2	51.2	51.2	22.0	22.0
6-7 PM	2812	0.0	300	0.0	OFF	2812	0	300	0.00	0	57.7	57.7	57.7	22.5	22.5
7-8 PM	2079	0.0	222	0.0	1499	1829	251	473	10.19	264	62.5	17.4	30.8	23.2	21.2
8-9 PM	1510	0.0	162	0.0	1500	1387	123	284	10.88	268	63.6	16.6	30.8	23.6	22.7
9-10 PM	1158	0.0	123	0.0	1499	1158	0	123	2.59	77	64.2	38.3	36.9	23.9	23.9
10-11 PM	1104	0.0	118	0.0	1500	1104	0	118	0.53	0	64.3	56.5	41.3	23.9	23.9
11PM-MID	755	0.0	80	0.0	1500	755	0	80	0.50	0	65.0	57.4	42.5	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	0.0252
MAIN ROUTE WITH WORKS	0.0245
DIVERSION	0.0301

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$10,452
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
FRIDAY NORTHBOUND DIRECTION

