

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
 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	156	0.0	16	0.0	1500	156	0	16	0.44	0	66.1	59.1	44.8	24.7	24.7
1-2 AM	135	0.0	14	0.0	1500	135	0	14	0.44	0	66.1	59.2	45.0	24.7	24.7
2-3 AM	159	0.0	16	0.0	1500	159	0	16	0.44	0	66.1	59.1	44.8	24.7	24.7
3-4 AM	279	0.0	30	0.0	1500	279	0	30	0.45	0	65.9	58.8	44.3	24.6	24.6
4-5 AM	586	0.0	63	0.0	1500	586	0	63	0.48	0	65.3	57.9	43.2	24.3	24.3
5-6 AM	1231	0.0	132	0.0	1499	1231	0	132	0.68	0	64.1	54.4	37.6	23.8	23.8
6-7 AM	1659	0.0	177	0.0	1499	1659	0	177	3.13	65	63.3	35.1	30.8	23.5	23.5
7-8 AM	1690	0.0	181	0.0	1500	1624	66	247	9.97	245	63.2	17.8	30.8	23.5	22.9
8-9 AM	1480	0.0	158	0.0	1499	1451	29	188	10.53	256	63.7	17.1	30.8	23.6	23.4
9-10 AM	1455	0.0	155	0.0	1500	1455	0	155	8.93	213	63.7	19.3	30.8	23.7	23.7
10-11 AM	1434	0.0	153	0.0	1499	1434	0	153	6.78	156	63.7	23.1	30.8	23.7	23.7
11A-NOON	1461	0.0	156	0.0	1500	1461	0	156	4.85	103	63.7	28.3	30.8	23.7	23.7
NOON-1PM	1443	0.0	154	0.0	1499	1443	0	154	2.97	53	63.7	36.0	30.8	23.7	23.7
1-2 PM	1533	0.0	164	0.0	1500	1533	0	164	2.52	40	63.5	38.5	30.8	23.6	23.6
2-3 PM	1544	0.0	166	0.0	1499	1544	0	166	4.04	81	63.5	31.1	30.8	23.6	23.6
3-4 PM	1543	0.0	165	0.0	1499	1543	0	165	5.60	123	63.5	26.0	30.8	23.6	23.6
4-5 PM	1606	0.0	172	0.0	1500	1606	0	172	8.46	203	63.4	19.9	30.8	23.5	23.5
5-6 PM	1449	0.0	155	0.0	1499	1449	0	155	10.02	243	63.7	17.7	30.8	23.7	23.7
6-7 PM	1122	0.0	120	0.0	1499	1122	0	120	2.23	65	64.3	40.6	37.6	23.9	23.9
7-8 PM	881	0.0	95	0.0	1500	881	0	95	0.51	0	64.8	57.1	42.1	24.1	24.1
8-9 PM	744	0.0	79	0.0	1500	744	0	79	0.49	0	65.0	57.5	42.6	24.2	24.2
9-10 PM	589	0.0	63	0.0	1500	589	0	63	0.48	0	65.3	57.9	43.2	24.3	24.3
10-11 PM	417	0.0	44	0.0	1500	417	0	44	0.46	0	65.6	58.4	43.8	24.5	24.5
11PM-MID	231	0.0	25	0.0	1500	231	0	25	0.44	0	66.0	58.9	44.6	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	0.0162
MAIN ROUTE WITH WORKS	0.0145
DIVERSION	0.0184

PIA: Personal Injury Accidents

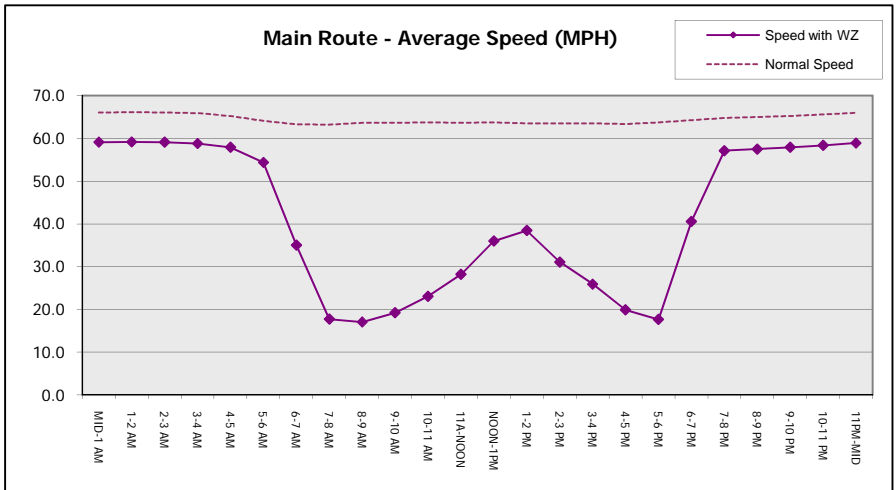
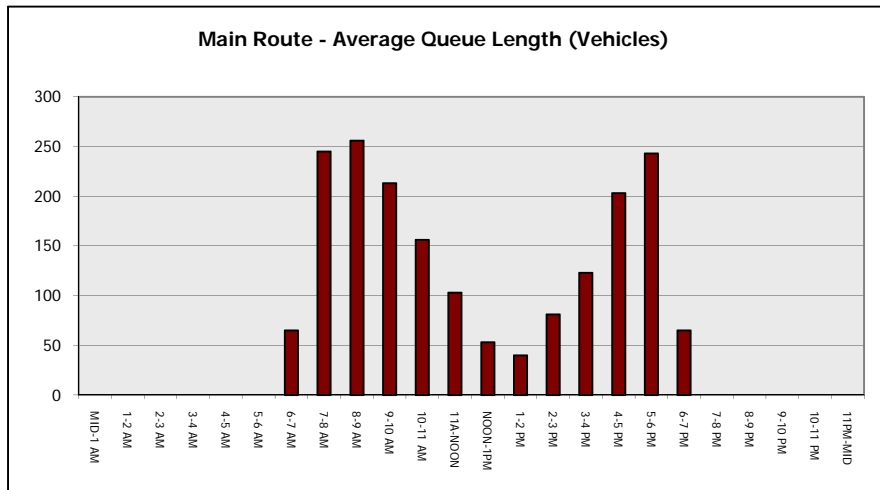
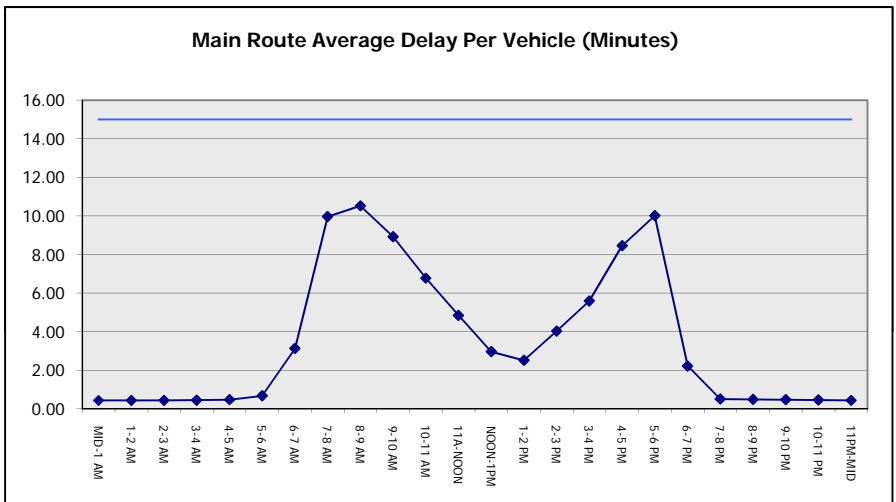
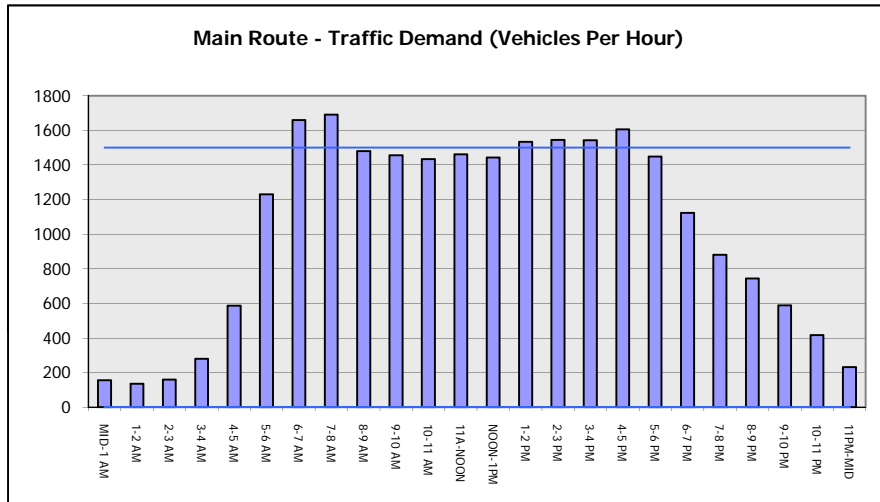
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$27,740
CONGESTED HOURS PER DAY*	0

*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
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	AUGUST
	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	278	0.0	30	0.0	1500	278	0	30	0.45	0	65.9	58.8	44.4	24.6	24.6
1-2 AM	193	0.0	21	0.0	1500	193	0	21	0.44	0	66.0	59.1	44.7	24.7	24.7
2-3 AM	145	0.0	15	0.0	1500	145	0	15	0.44	0	66.1	59.2	44.9	24.7	24.7
3-4 AM	176	0.0	19	0.0	1500	176	0	19	0.44	0	66.1	59.1	44.8	24.7	24.7
4-5 AM	294	0.0	32	0.0	1500	294	0	32	0.45	0	65.8	58.7	44.3	24.6	24.6
5-6 AM	614	0.0	66	0.0	1500	614	0	66	0.48	0	65.3	57.8	43.1	24.3	24.3
6-7 AM	1074	0.0	115	0.0	1500	1074	0	115	0.53	0	64.4	56.6	41.4	24.0	24.0
7-8 AM	1230	0.0	132	0.0	1500	1230	0	132	0.68	0	64.1	54.5	37.5	23.8	23.8
8-9 AM	1286	0.0	138	0.0	1500	1286	0	138	0.75	0	64.0	53.6	35.9	23.8	23.8
9-10 AM	1334	0.0	143	0.0	1500	1334	0	143	0.81	0	63.9	52.8	34.6	23.7	23.7
10-11 AM	1391	0.0	149	0.0	1500	1391	0	149	0.88	0	63.8	51.9	33.2	23.7	23.7
11A-NOON	1352	0.0	144	0.0	1500	1352	0	144	0.83	0	63.8	52.5	34.2	23.7	23.7
NOON-1PM	1362	0.0	146	0.0	1499	1362	0	146	0.85	0	63.8	52.4	33.9	23.7	23.7
1-2 PM	1468	0.0	157	0.0	1499	1468	0	157	1.03	1	63.7	50.2	31.6	23.7	23.7
2-3 PM	1729	0.0	185	0.0	1500	1729	0	185	4.34	104	63.2	29.9	30.8	23.4	23.4
3-4 PM	2008	0.0	215	0.0	1499	1619	389	605	12.99	326	62.7	14.5	30.8	23.2	20.2
4-5 PM	2114	0.0	226	0.0	1500	1509	605	832	14.57	367	62.5	13.3	30.8	23.1	18.4
5-6 PM	1809	0.0	193	0.0	1499	1424	384	578	12.84	320	63.0	14.7	30.8	23.3	20.4
6-7 PM	1234	0.0	132	0.0	1499	1220	15	146	6.35	169	64.1	24.2	33.3	23.8	23.7
7-8 PM	930	0.0	100	0.0	1500	929	0	100	0.51	0	64.6	56.9	41.9	24.1	24.1
8-9 PM	805	0.0	86	0.0	1500	805	0	86	0.50	0	64.9	57.3	42.4	24.2	24.2
9-10 PM	634	0.0	68	0.0	1500	634	0	68	0.48	0	65.2	57.8	43.0	24.3	24.3
10-11 PM	549	0.0	59	0.0	1500	549	0	59	0.48	0	65.4	58.0	43.3	24.4	24.4
11PM-MID	385	0.0	41	0.0	1500	385	0	41	0.46	0	65.6	58.5	44.0	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	0.0159
MAIN ROUTE WITH WORKS	0.0135
DIVERSION	0.0268

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$23,804
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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 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
MON-THUR NORTHBOUND DIRECTION

