

**USH 41/45: USH 41/45 TO CTH Q (WASHINGTON COUNTY)  
CONTINUOUS (24 HOUR) CLOSURE  
DIVERSION ROUTE: STH 167 - STH 175 - PIONEER RD**

**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	417	0.0	28	0.0	3000	417	0	28	0.36	0	70.2	59.3	49.7	24.7	24.7
1-2 AM	231	0.0	15	0.0	3000	231	0	15	0.36	0	70.2	59.3	49.7	24.7	24.7
2-3 AM	183	0.0	12	0.0	3000	183	0	12	0.36	0	70.2	59.3	49.7	24.7	24.7
3-4 AM	181	0.0	12	0.0	3000	181	0	12	0.36	0	70.2	59.3	49.7	24.7	24.7
4-5 AM	288	0.0	20	0.0	3000	288	0	20	0.36	0	70.2	59.3	49.7	24.7	24.7
5-6 AM	510	0.0	34	0.0	3000	510	0	34	0.36	0	70.1	59.3	49.7	24.6	24.6
6-7 AM	872	0.0	59	0.0	3000	872	0	59	0.35	0	69.7	59.1	49.7	24.4	24.4
7-8 AM	1119	0.0	75	0.0	3000	1119	0	75	0.35	0	69.4	59.0	49.7	24.3	24.3
8-9 AM	1486	0.0	100	0.0	3000	1486	0	100	0.34	0	68.9	58.8	49.7	24.1	24.1
9-10 AM	1943	0.0	131	0.0	3000	1943	0	131	0.34	0	68.3	58.6	49.7	23.8	23.8
10-11 AM	2209	0.0	148	0.0	3000	2209	0	148	0.33	0	68.0	58.4	49.7	23.7	23.7
11A-NOON	2470	0.0	166	0.0	3000	2470	0	166	0.38	0	67.7	57.0	47.6	23.6	23.6
NOON-1PM	2430	0.0	164	0.0	3000	2430	0	164	0.36	0	67.7	57.6	48.6	23.6	23.6
1-2 PM	2454	0.0	165	0.0	3000	2454	0	165	0.37	0	67.7	57.3	47.9	23.6	23.6
2-3 PM	2437	0.0	164	0.0	3000	2437	0	164	0.36	0	67.7	57.5	48.4	23.6	23.6
3-4 PM	2345	0.0	157	0.0	3000	2345	0	157	0.33	0	67.8	58.4	49.7	23.7	23.7
4-5 PM	2244	0.0	150	0.0	3000	2244	0	150	0.33	0	67.9	58.4	49.7	23.7	23.7
5-6 PM	2077	0.0	140	0.0	3000	2077	0	140	0.33	0	68.1	58.5	49.7	23.8	23.8
6-7 PM	1828	0.0	122	0.0	3000	1828	0	122	0.34	0	68.4	58.6	49.7	23.9	23.9
7-8 PM	1505	0.0	101	0.0	3000	1505	0	101	0.34	0	68.9	58.8	49.7	24.1	24.1
8-9 PM	1397	0.0	94	0.0	3000	1397	0	94	0.34	0	69.0	58.9	49.7	24.1	24.1
9-10 PM	1257	0.0	84	0.0	3000	1257	0	84	0.35	0	69.2	58.9	49.7	24.2	24.2
10-11 PM	994	0.0	67	0.0	3000	994	0	67	0.35	0	69.5	59.1	49.7	24.3	24.3
11PM-MID	742	0.0	49	0.0	3000	742	0	49	0.35	0	69.8	59.2	49.7	24.5	24.5

*----- 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		0.0123
MAIN ROUTE WITH WORKS		0.0101
DIVERSION		0.0109

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$2,851
CONGESTED HOURS PER DAY*	0

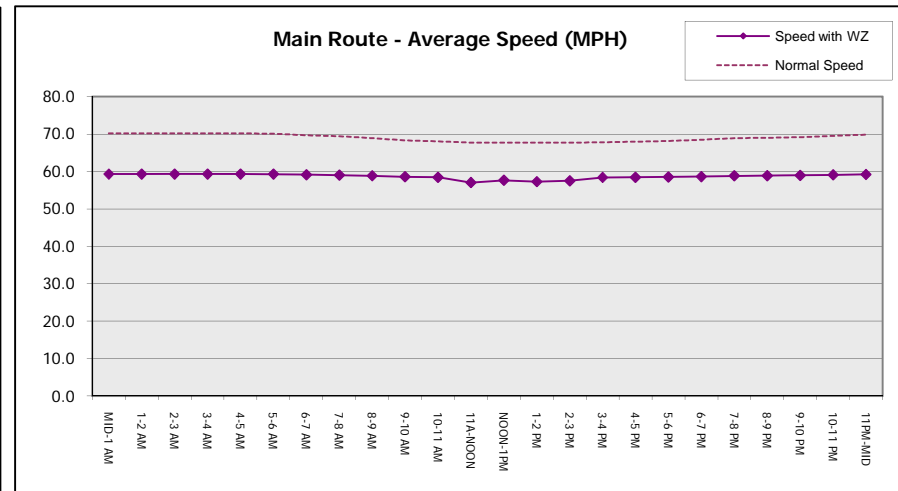
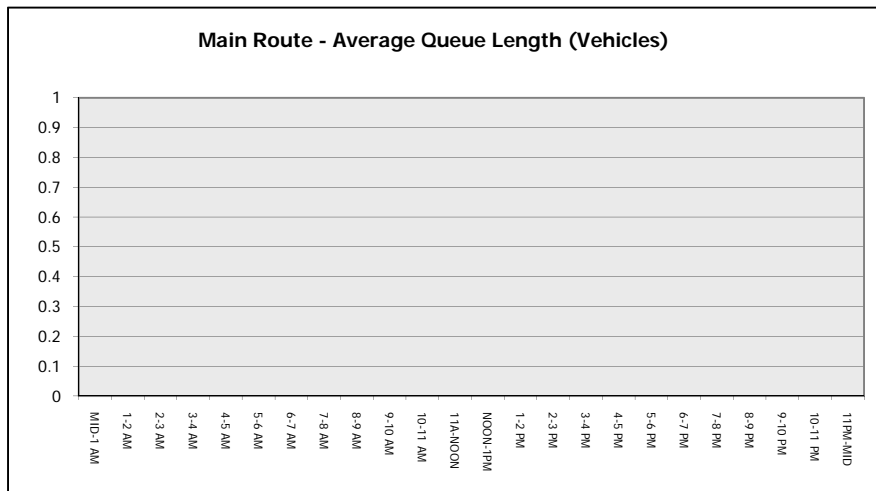
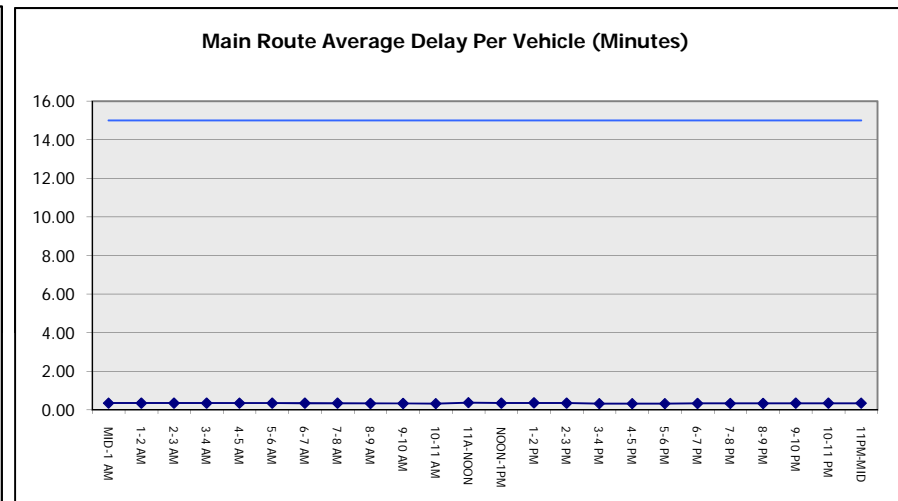
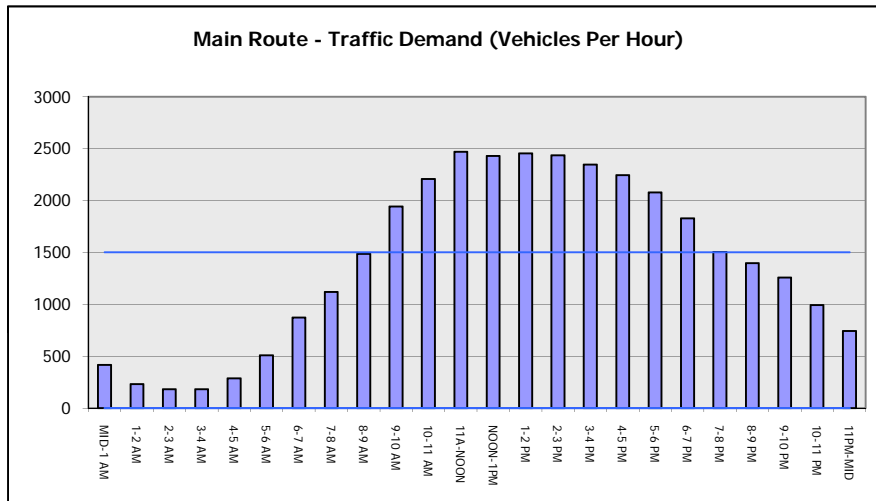
\*Delays Exceeding 15 Minutes

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 CONTINUOUS (24 HOUR) CLOSURE  
 DIVERSION ROUTE: STH 167 - STH 175 - PIONEER RD**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**

**SATURDAY SOUTHBOUND DIRECTION**



<b>USH 41/45: USH 41/45 TO CTH Q (WASHINGTON COUNTY)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: STH 167 - STH 175 - PIONEER RD</b>	<b>AUGUST</b>
	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	629	0.0	42	0.0	3000	629	0	42	0.36	0	69.9	59.2	49.7	24.5	24.5
1-2 AM	345	0.0	24	0.0	3000	345	0	24	0.36	0	70.2	59.3	49.7	24.7	24.7
2-3 AM	268	0.0	17	0.0	3000	268	0	17	0.36	0	70.2	59.3	49.7	24.7	24.7
3-4 AM	207	0.0	14	0.0	3000	207	0	14	0.36	0	70.2	59.3	49.7	24.7	24.7
4-5 AM	289	0.0	20	0.0	3000	289	0	20	0.36	0	70.2	59.3	49.7	24.7	24.7
5-6 AM	489	0.0	33	0.0	3000	489	0	33	0.36	0	70.1	59.3	49.7	24.6	24.6
6-7 AM	910	0.0	61	0.0	3000	910	0	61	0.35	0	69.6	59.1	49.7	24.3	24.3
7-8 AM	1214	0.0	81	0.0	3000	1214	0	81	0.35	0	69.2	58.9	49.7	24.2	24.2
8-9 AM	1625	0.0	109	0.0	3000	1625	0	109	0.34	0	68.7	58.7	49.7	24.0	24.0
9-10 AM	1962	0.0	132	0.0	3000	1962	0	132	0.34	0	68.3	58.6	49.7	23.8	23.8
10-11 AM	2240	0.0	150	0.0	3000	2240	0	150	0.33	0	67.9	58.4	49.7	23.7	23.7
11A-NOON	2352	0.0	159	0.0	3000	2352	0	159	0.33	0	67.8	58.4	49.7	23.6	23.6
NOON-1PM	2547	0.0	171	0.0	3000	2547	0	171	0.43	0	67.6	55.8	45.7	23.5	23.5
1-2 PM	2193	0.0	147	0.0	3000	2193	0	147	0.33	0	68.0	58.4	49.7	23.7	23.7
2-3 PM	2027	0.0	136	0.0	3000	2027	0	136	0.33	0	68.2	58.6	49.7	23.8	23.8
3-4 PM	2337	0.0	157	0.0	3000	2337	0	157	0.33	0	67.8	58.4	49.7	23.7	23.7
4-5 PM	2194	0.0	147	0.0	3000	2194	0	147	0.33	0	68.0	58.4	49.7	23.7	23.7
5-6 PM	1994	0.0	134	0.0	3000	1994	0	134	0.33	0	68.2	58.6	49.7	23.8	23.8
6-7 PM	1682	0.0	113	0.0	3000	1682	0	113	0.34	0	68.6	58.7	49.7	24.0	24.0
7-8 PM	1410	0.0	95	0.0	3000	1410	0	95	0.34	0	69.0	58.9	49.7	24.1	24.1
8-9 PM	1265	0.0	85	0.0	3000	1265	0	85	0.35	0	69.2	58.9	49.7	24.2	24.2
9-10 PM	1256	0.0	84	0.0	3000	1256	0	84	0.35	0	69.2	58.9	49.7	24.2	24.2
10-11 PM	1117	0.0	75	0.0	3000	1117	0	75	0.35	0	69.4	59.0	49.7	24.3	24.3
11PM-MID	715	0.0	48	0.0	3000	715	0	48	0.36	0	69.9	59.2	49.7	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	0.0122
MAIN ROUTE WITH WORKS	0.0100
DIVERSION	0.0108

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$2,803
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

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 CONTINUOUS (24 HOUR) CLOSURE  
 DIVERSION ROUTE: STH 167 - STH 175 - PIONEER RD**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SATURDAY NORTHBOUND DIRECTION**

