

USH 41/45: USH 41/45 TO CTH Q (WASHINGTON COUNTY) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 167 - STH 175 - PIONEER RD	MAY
	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	380	0.0	26	0.0	3000	380	0	26	0.36	0	70.2	59.3	49.7	24.7	24.7
1-2 AM	227	0.0	15	0.0	3000	227	0	15	0.36	0	70.2	59.3	49.7	24.7	24.7
2-3 AM	185	0.0	12	0.0	3000	185	0	12	0.36	0	70.2	59.3	49.7	24.7	24.7
3-4 AM	157	0.0	10	0.0	3000	157	0	10	0.36	0	70.2	59.3	49.7	24.8	24.8
4-5 AM	262	0.0	17	0.0	3000	262	0	17	0.36	0	70.2	59.3	49.7	24.7	24.7
5-6 AM	496	0.0	33	0.0	3000	496	0	33	0.36	0	70.1	59.3	49.7	24.6	24.6
6-7 AM	806	0.0	55	0.0	3000	806	0	55	0.35	0	69.7	59.1	49.7	24.4	24.4
7-8 AM	1099	0.0	74	0.0	3000	1099	0	74	0.35	0	69.4	59.0	49.7	24.3	24.3
8-9 AM	1460	0.0	98	0.0	3000	1460	0	98	0.34	0	68.9	58.8	49.7	24.1	24.1
9-10 AM	1758	0.0	118	0.0	3000	1758	0	118	0.34	0	68.6	58.7	49.7	23.9	23.9
10-11 AM	1895	0.0	128	0.0	3000	1895	0	128	0.34	0	68.4	58.6	49.7	23.8	23.8
11A-NOON	2108	0.0	142	0.0	3000	2108	0	142	0.33	0	68.1	58.5	49.7	23.7	23.7
NOON-1PM	2177	0.0	146	0.0	3000	2177	0	146	0.33	0	68.0	58.4	49.7	23.7	23.7
1-2 PM	2102	0.0	141	0.0	3000	2102	0	141	0.33	0	68.1	58.5	49.7	23.8	23.8
2-3 PM	2293	0.0	154	0.0	3000	2293	0	154	0.33	0	67.9	58.4	49.7	23.7	23.7
3-4 PM	2221	0.0	149	0.0	3000	2221	0	149	0.33	0	68.0	58.4	49.7	23.7	23.7
4-5 PM	2208	0.0	148	0.0	3000	2208	0	148	0.33	0	68.0	58.4	49.7	23.7	23.7
5-6 PM	1955	0.0	132	0.0	3000	1955	0	132	0.34	0	68.3	58.6	49.7	23.8	23.8
6-7 PM	1671	0.0	112	0.0	3000	1671	0	112	0.34	0	68.7	58.7	49.7	24.0	24.0
7-8 PM	1400	0.0	94	0.0	3000	1400	0	94	0.34	0	69.0	58.9	49.7	24.1	24.1
8-9 PM	1210	0.0	81	0.0	3000	1210	0	81	0.35	0	69.2	58.9	49.7	24.2	24.2
9-10 PM	1159	0.0	78	0.0	3000	1159	0	78	0.35	0	69.3	59.0	49.7	24.2	24.2
10-11 PM	883	0.0	60	0.0	3000	883	0	60	0.35	0	69.6	59.1	49.7	24.4	24.4
11PM-MID	602	0.0	40	0.0	3000	602	0	40	0.36	0	70.0	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	0.0112
MAIN ROUTE WITH WORKS	0.0092
DIVERSION	0.0099

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,523
CONGESTED HOURS PER DAY*	0

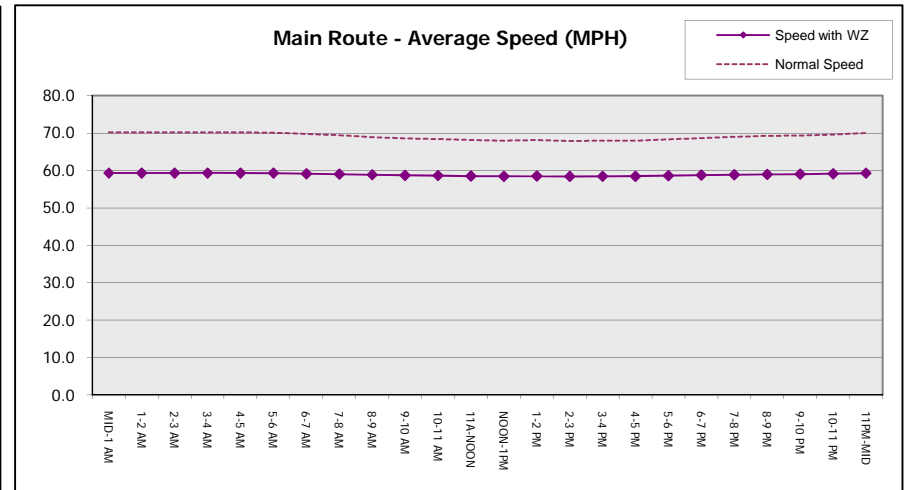
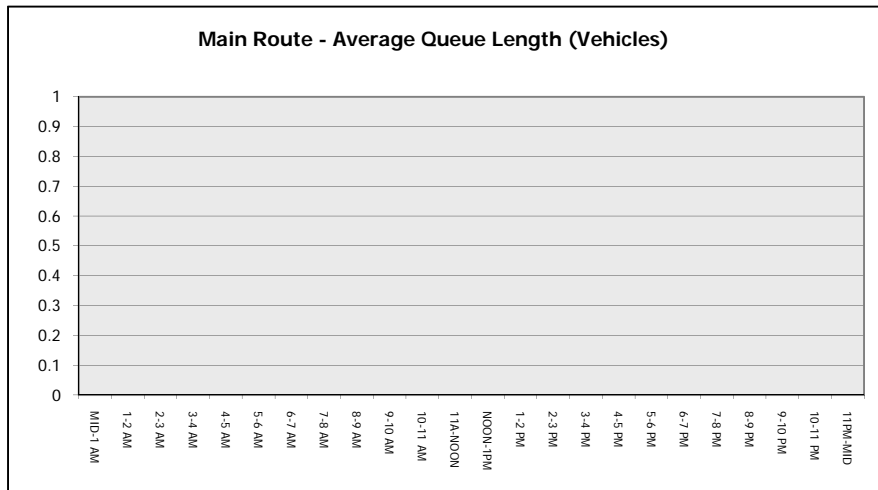
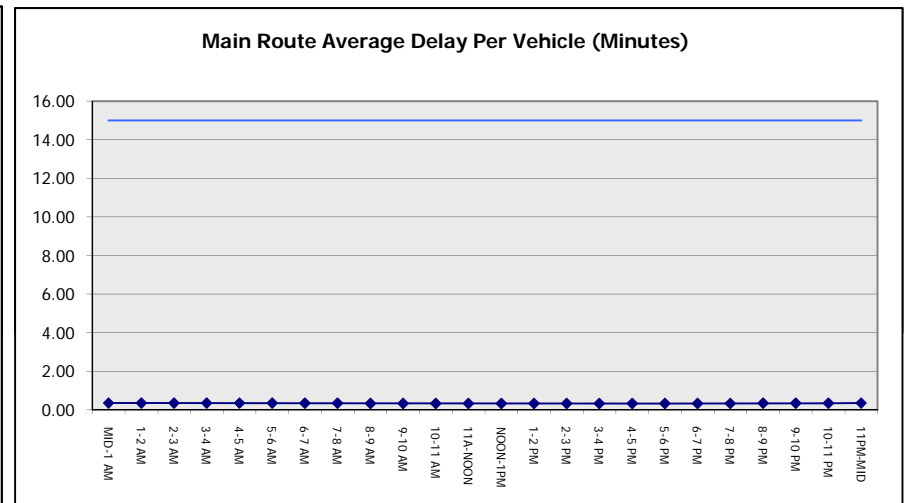
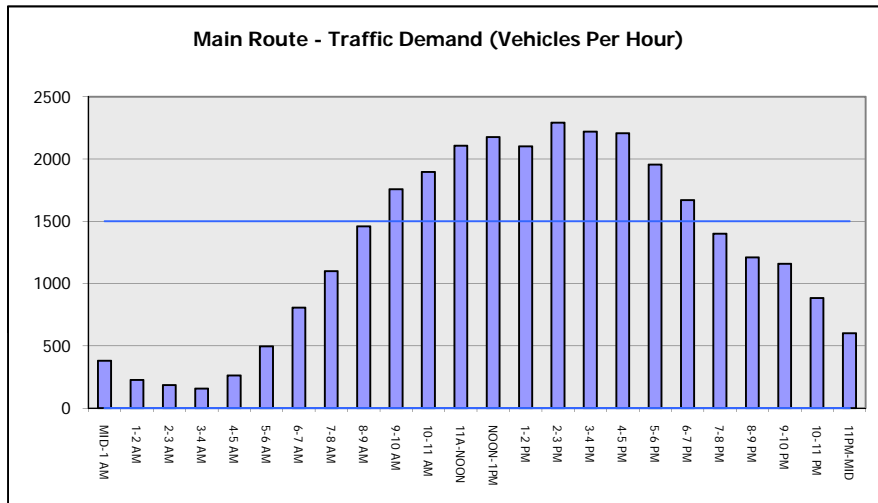
*Delays Exceeding 15 Minutes

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

MAY
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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SATURDAY SOUTHBOUND DIRECTION



USH 41/45: USH 41/45 TO CTH Q (WASHINGTON COUNTY) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 167 - STH 175 - PIONEER RD	MAY
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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	530	0.0	36	0.0	3000	530	0	36	0.36	0	70.0	59.3	49.7	24.6	24.6
1-2 AM	301	0.0	21	0.0	3000	301	0	21	0.36	0	70.2	59.3	49.7	24.7	24.7
2-3 AM	242	0.0	16	0.0	3000	242	0	16	0.36	0	70.2	59.3	49.7	24.7	24.7
3-4 AM	209	0.0	14	0.0	3000	209	0	14	0.36	0	70.2	59.3	49.7	24.7	24.7
4-5 AM	291	0.0	20	0.0	3000	291	0	20	0.36	0	70.2	59.3	49.7	24.7	24.7
5-6 AM	519	0.0	35	0.0	3000	519	0	35	0.36	0	70.1	59.3	49.7	24.6	24.6
6-7 AM	944	0.0	64	0.0	3000	944	0	64	0.35	0	69.6	59.1	49.7	24.3	24.3
7-8 AM	1307	0.0	87	0.0	3000	1307	0	87	0.35	0	69.1	58.9	49.7	24.2	24.2
8-9 AM	1632	0.0	110	0.0	3000	1632	0	110	0.34	0	68.7	58.7	49.7	24.0	24.0
9-10 AM	1900	0.0	128	0.0	3000	1900	0	128	0.34	0	68.4	58.6	49.7	23.8	23.8
10-11 AM	2172	0.0	146	0.0	3000	2172	0	146	0.33	0	68.1	58.4	49.7	23.7	23.7
11A-NOON	2287	0.0	153	0.0	3000	2287	0	153	0.33	0	67.9	58.4	49.7	23.7	23.7
NOON-1PM	2341	0.0	157	0.0	3000	2341	0	157	0.33	0	67.8	58.4	49.7	23.7	23.7
1-2 PM	2296	0.0	154	0.0	3000	2296	0	154	0.33	0	67.9	58.4	49.7	23.7	23.7
2-3 PM	2237	0.0	150	0.0	3000	2237	0	150	0.33	0	67.9	58.4	49.7	23.7	23.7
3-4 PM	2222	0.0	149	0.0	3000	2222	0	149	0.33	0	68.0	58.4	49.7	23.7	23.7
4-5 PM	2176	0.0	146	0.0	3000	2176	0	146	0.33	0	68.0	58.4	49.7	23.7	23.7
5-6 PM	1970	0.0	133	0.0	3000	1970	0	133	0.34	0	68.3	58.6	49.7	23.8	23.8
6-7 PM	1603	0.0	108	0.0	3000	1603	0	108	0.34	0	68.7	58.7	49.7	24.0	24.0
7-8 PM	1317	0.0	88	0.0	3000	1317	0	88	0.35	0	69.1	58.9	49.7	24.2	24.2
8-9 PM	1216	0.0	81	0.0	3000	1216	0	81	0.35	0	69.2	58.9	49.7	24.2	24.2
9-10 PM	1287	0.0	86	0.0	3000	1287	0	86	0.35	0	69.1	58.9	49.7	24.2	24.2
10-11 PM	924	0.0	62	0.0	3000	924	0	62	0.35	0	69.6	59.1	49.7	24.3	24.3
11PM-MID	628	0.0	42	0.0	3000	628	0	42	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	0.0119
MAIN ROUTE WITH WORKS	0.0098
DIVERSION	0.0105

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,674
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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SATURDAY NORTHBOUND DIRECTION

