

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

SUNDAY 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	369	0.0	25	0.0	3000	369	0	25	0.36	0	70.2	59.3	49.7	24.7	24.7
1-2 AM	210	0.0	14	0.0	3000	210	0	14	0.36	0	70.2	59.3	49.7	24.7	24.7
2-3 AM	173	0.0	11	0.0	3000	173	0	11	0.36	0	70.2	59.3	49.7	24.8	24.8
3-4 AM	136	0.0	9	0.0	3000	136	0	9	0.36	0	70.2	59.3	49.7	24.8	24.8
4-5 AM	141	0.0	9	0.0	3000	141	0	9	0.36	0	70.2	59.3	49.7	24.8	24.8
5-6 AM	229	0.0	15	0.0	3000	229	0	15	0.36	0	70.2	59.3	49.7	24.7	24.7
6-7 AM	436	0.0	30	0.0	3000	436	0	30	0.36	0	70.2	59.3	49.7	24.6	24.6
7-8 AM	637	0.0	43	0.0	3000	637	0	43	0.36	0	69.9	59.2	49.7	24.5	24.5
8-9 AM	944	0.0	64	0.0	3000	944	0	64	0.35	0	69.6	59.1	49.7	24.3	24.3
9-10 AM	1452	0.0	98	0.0	3000	1452	0	98	0.34	0	68.9	58.8	49.7	24.1	24.1
10-11 AM	1992	0.0	134	0.0	3000	1992	0	134	0.33	0	68.2	58.6	49.7	23.8	23.8
11A-NOON	2419	0.0	163	0.0	3000	2419	0	163	0.35	0	67.8	57.8	48.8	23.6	23.6
NOON-1PM	2416	0.0	163	0.0	3000	2416	0	163	0.35	0	67.8	57.9	48.9	23.6	23.6
1-2 PM	2349	0.0	157	0.0	3000	2349	0	157	0.33	0	67.8	58.4	49.7	23.7	23.7
2-3 PM	2389	0.0	160	0.0	3000	2389	0	160	0.33	0	67.8	58.3	49.6	23.6	23.6
3-4 PM	2357	0.0	158	0.0	3000	2357	0	158	0.33	0	67.8	58.4	49.7	23.6	23.6
4-5 PM	2370	0.0	159	0.0	3000	2370	0	159	0.33	0	67.8	58.4	49.7	23.6	23.6
5-6 PM	2240	0.0	150	0.0	3000	2240	0	150	0.33	0	67.9	58.4	49.7	23.7	23.7
6-7 PM	1972	0.0	133	0.0	3000	1972	0	133	0.34	0	68.3	58.6	49.7	23.8	23.8
7-8 PM	1730	0.0	116	0.0	3000	1730	0	116	0.34	0	68.6	58.7	49.7	24.0	24.0
8-9 PM	1385	0.0	93	0.0	3000	1385	0	93	0.34	0	69.0	58.9	49.7	24.2	24.2
9-10 PM	1028	0.0	69	0.0	3000	1028	0	69	0.35	0	69.4	59.1	49.7	24.3	24.3
10-11 PM	751	0.0	50	0.0	3000	751	0	50	0.35	0	69.8	59.2	49.7	24.5	24.5
11PM-MID	452	0.0	31	0.0	3000	452	0	31	0.36	0	70.2	59.3	49.7	24.6	24.6

----- 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)	\$2,568
CONGESTED HOURS PER DAY*	0

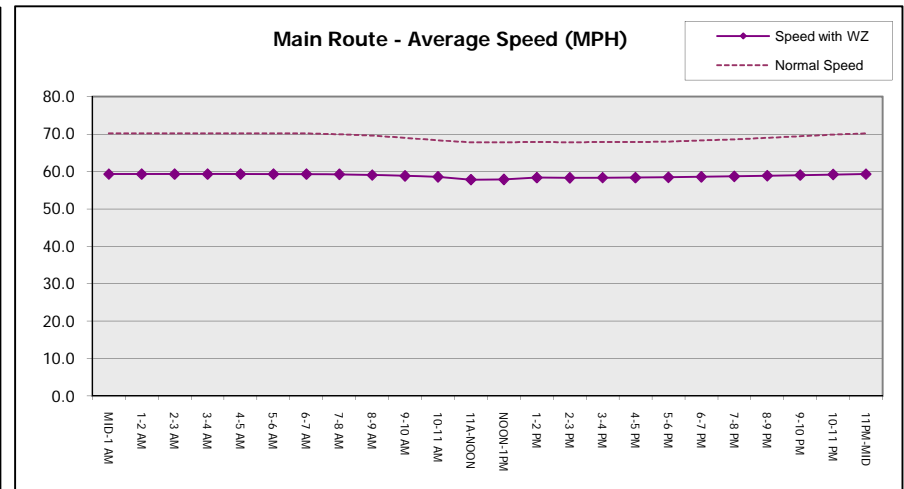
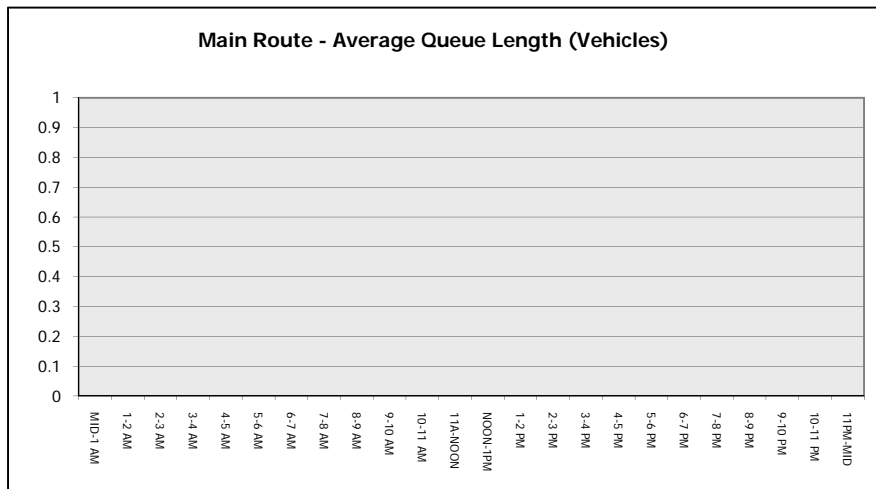
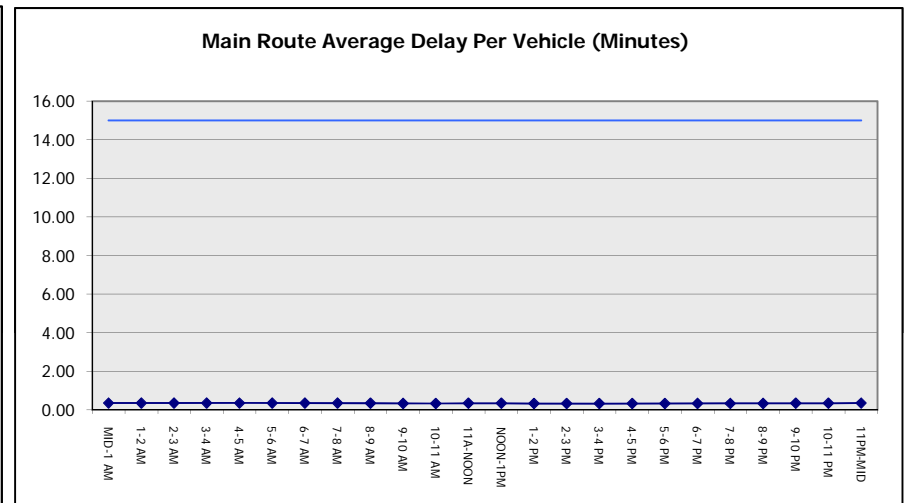
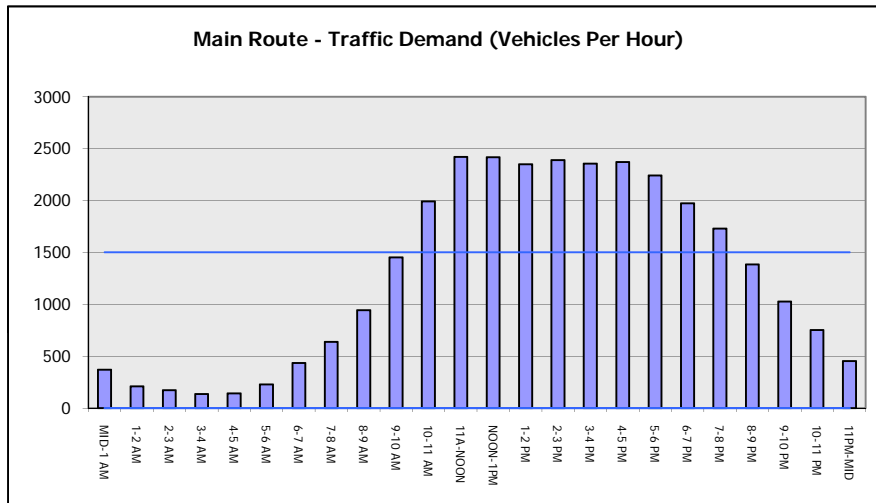
*Delays Exceeding 15 Minutes

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

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SUNDAY 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

SUNDAY 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	399	0.0	27	0.0	3000	399	0	27	0.36	0	70.2	59.3	49.7	24.7	24.7
1-2 AM	261	0.0	17	0.0	3000	261	0	17	0.36	0	70.2	59.3	49.7	24.7	24.7
2-3 AM	212	0.0	14	0.0	3000	212	0	14	0.36	0	70.2	59.3	49.7	24.7	24.7
3-4 AM	143	0.0	9	0.0	3000	143	0	9	0.36	0	70.2	59.3	49.7	24.8	24.8
4-5 AM	136	0.0	9	0.0	3000	136	0	9	0.36	0	70.2	59.3	49.7	24.8	24.8
5-6 AM	230	0.0	15	0.0	3000	230	0	15	0.36	0	70.2	59.3	49.7	24.7	24.7
6-7 AM	396	0.0	27	0.0	3000	396	0	27	0.36	0	70.2	59.3	49.7	24.7	24.7
7-8 AM	583	0.0	39	0.0	3000	583	0	39	0.36	0	70.0	59.2	49.7	24.5	24.5
8-9 AM	914	0.0	62	0.0	3000	914	0	62	0.35	0	69.6	59.1	49.7	24.3	24.3
9-10 AM	1350	0.0	91	0.0	3000	1350	0	91	0.35	0	69.1	58.9	49.7	24.2	24.2
10-11 AM	1656	0.0	111	0.0	3000	1656	0	111	0.34	0	68.7	58.7	49.7	24.0	24.0
11A-NOON	1902	0.0	128	0.0	3000	1902	0	128	0.34	0	68.4	58.6	49.7	23.8	23.8
NOON-1PM	2210	0.0	148	0.0	3000	2210	0	148	0.33	0	68.0	58.4	49.7	23.7	23.7
1-2 PM	2070	0.0	139	0.0	3000	2070	0	139	0.33	0	68.2	58.5	49.7	23.8	23.8
2-3 PM	2098	0.0	141	0.0	3000	2098	0	141	0.33	0	68.1	58.5	49.7	23.8	23.8
3-4 PM	2113	0.0	142	0.0	3000	2113	0	142	0.33	0	68.1	58.5	49.7	23.7	23.7
4-5 PM	2415	0.0	163	0.0	3000	2415	0	163	0.35	0	67.8	57.9	48.9	23.6	23.6
5-6 PM	2118	0.0	142	0.0	3000	2118	0	142	0.33	0	68.1	58.5	49.7	23.7	23.7
6-7 PM	1632	0.0	110	0.0	3000	1632	0	110	0.34	0	68.7	58.7	49.7	24.0	24.0
7-8 PM	1374	0.0	93	0.0	3000	1374	0	93	0.34	0	69.1	58.9	49.7	24.2	24.2
8-9 PM	1014	0.0	68	0.0	3000	1014	0	68	0.35	0	69.5	59.1	49.7	24.3	24.3
9-10 PM	825	0.0	56	0.0	3000	825	0	56	0.35	0	69.7	59.1	49.7	24.4	24.4
10-11 PM	657	0.0	44	0.0	3000	657	0	44	0.36	0	69.9	59.2	49.7	24.5	24.5
11PM-MID	369	0.0	25	0.0	3000	369	0	25	0.36	0	70.2	59.3	49.7	24.7	24.7

----- 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	0.0099
MAIN ROUTE WITH WORKS	0.0081
DIVERSION	0.0088

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,282
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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 DIVERSION ROUTE: STH 167 - STH 175 - PIONEER RD**

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SUNDAY NORTHBOUND DIRECTION

