

USH 41/45: USH 41/45 TO CTH Q (WASHINGTON COUNTY) CONTINUOUS (24 HOUR) 2 LANE 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	1500	369	0	25	0.52	0	70.2	55.5	44.0	24.7	24.7
1-2 AM	210	0.0	14	0.0	1500	210	0	14	0.50	0	70.2	56.0	44.6	24.7	24.7
2-3 AM	173	0.0	11	0.0	1500	173	0	11	0.49	0	70.2	56.1	44.8	24.8	24.8
3-4 AM	136	0.0	9	0.0	1500	136	0	9	0.49	0	70.2	56.2	45.0	24.8	24.8
4-5 AM	141	0.0	9	0.0	1500	141	0	9	0.49	0	70.2	56.2	44.9	24.8	24.8
5-6 AM	229	0.0	15	0.0	1500	229	0	15	0.50	0	70.2	56.0	44.6	24.7	24.7
6-7 AM	436	0.0	30	0.0	1500	436	0	30	0.53	0	70.2	55.3	43.8	24.6	24.6
7-8 AM	637	0.0	43	0.0	1500	637	0	43	0.55	0	69.9	54.7	43.0	24.5	24.5
8-9 AM	944	0.0	64	0.0	1499	944	0	64	0.58	0	69.6	53.8	41.9	24.3	24.3
9-10 AM	1452	0.0	98	0.0	1499	1452	0	98	1.30	10	68.9	41.8	32.9	24.1	24.1
10-11 AM	1992	0.0	134	0.0	1500	1716	276	409	7.85	191	68.2	14.0	30.8	23.8	21.7
11A-NOON	2419	0.0	163	0.0	1500	1560	859	1021	12.43	298	67.8	9.6	30.8	23.6	17.0
NOON-1PM	2416	0.0	163	0.0	1499	1488	928	1091	12.89	309	67.8	9.3	30.8	23.6	16.5
1-2 PM	2349	0.0	157	0.0	1499	1488	861	1018	12.41	296	67.8	9.6	30.8	23.7	17.0
2-3 PM	2389	0.0	160	0.0	1500	1508	881	1041	12.56	300	67.8	9.4	30.8	23.6	16.8
3-4 PM	2357	0.0	158	0.0	1499	1494	864	1022	12.43	297	67.8	9.5	30.8	23.6	17.0
4-5 PM	2370	0.0	159	0.0	1500	1500	870	1029	12.48	298	67.8	9.5	30.8	23.6	17.0
5-6 PM	2240	0.0	150	0.0	1499	1472	768	918	11.79	280	67.9	10.0	30.8	23.7	17.8
6-7 PM	1972	0.0	133	0.0	1499	1461	512	644	10.34	242	68.3	11.2	30.8	23.8	19.9
7-8 PM	1730	0.0	116	0.0	1500	1472	259	375	9.19	212	68.6	12.3	30.8	24.0	22.0
8-9 PM	1385	0.0	93	0.0	1499	1374	11	104	6.78	154	69.0	15.7	31.2	24.2	24.0
9-10 PM	1028	0.0	69	0.0	1500	1028	0	69	0.77	7	69.4	50.0	41.2	24.3	24.3
10-11 PM	751	0.0	50	0.0	1500	751	0	50	0.56	0	69.8	54.4	42.5	24.5	24.5
11PM-MID	452	0.0	31	0.0	1500	452	0	31	0.53	0	70.2	55.3	43.7	24.6	24.6

----- 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	0.0112
MAIN ROUTE WITH WORKS	0.0070
DIVERSION	0.0440

PIA: Personal Injury Accidents

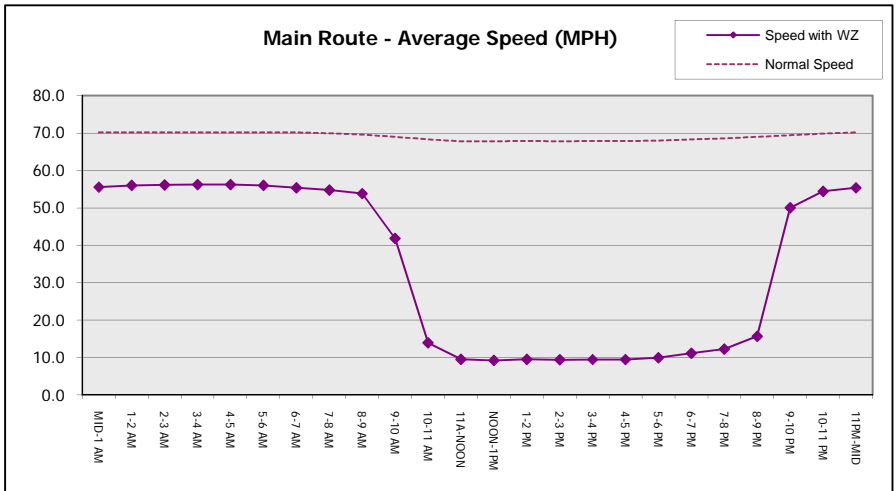
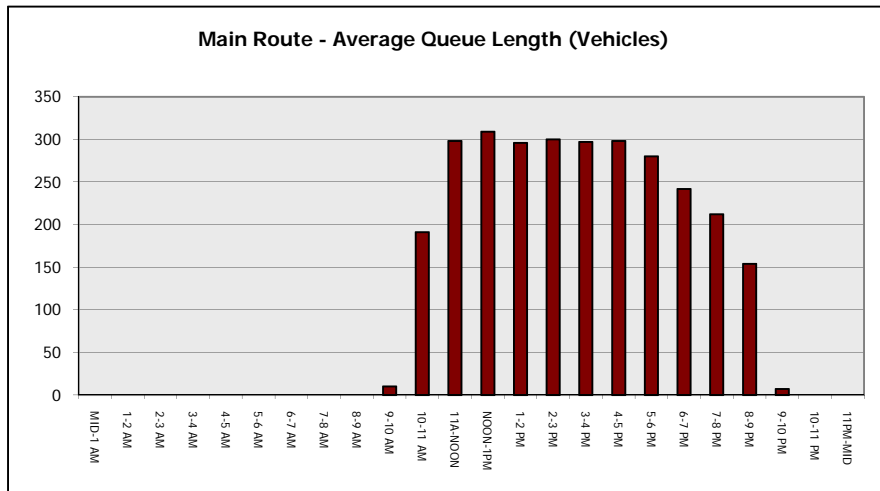
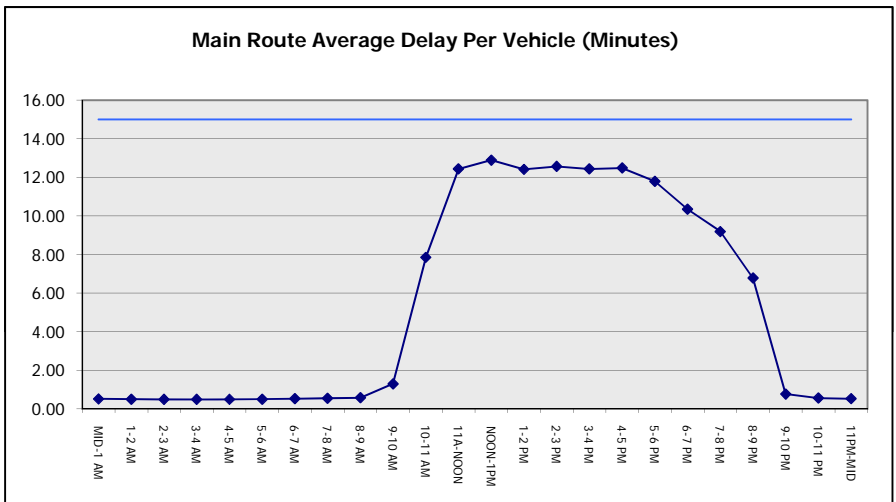
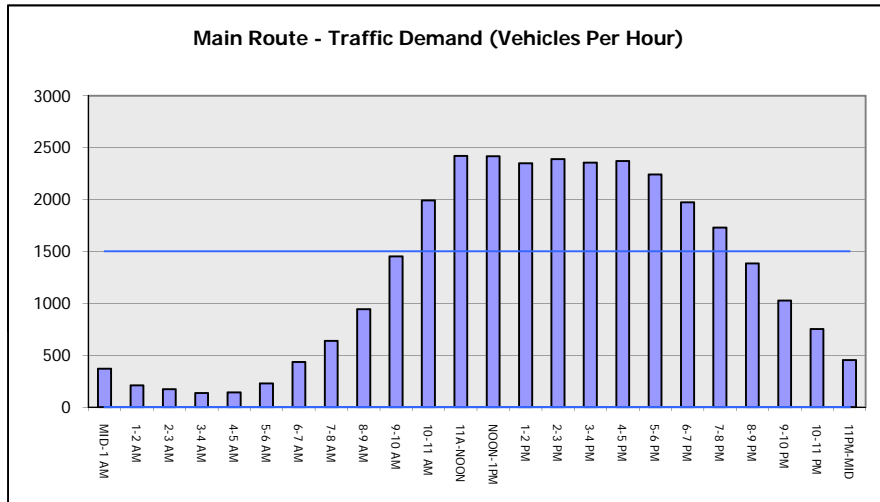
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$81,026
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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 CONTINUOUS (24 HOUR) 2 LANE 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) 2 LANE CLOSURE DIVERSION ROUTE: STH 167 - STH 175 - PIONEER RD	MAY
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

SUNDAY NORTHBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR							AVERAGE SPEEDS IN MPH			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		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	399	0.0	27	0.0	1500	399	0	27	0.52	0	70.2	55.5	43.9	24.7	24.7
1-2 AM	261	0.0	17	0.0	1500	261	0	17	0.50	0	70.2	55.8	44.5	24.7	24.7
2-3 AM	212	0.0	14	0.0	1500	212	0	14	0.50	0	70.2	56.0	44.6	24.7	24.7
3-4 AM	143	0.0	9	0.0	1500	143	0	9	0.49	0	70.2	56.2	44.9	24.8	24.8
4-5 AM	136	0.0	9	0.0	1500	136	0	9	0.49	0	70.2	56.2	45.0	24.8	24.8
5-6 AM	230	0.0	15	0.0	1500	230	0	15	0.50	0	70.2	56.0	44.6	24.7	24.7
6-7 AM	396	0.0	27	0.0	1500	396	0	27	0.52	0	70.2	55.5	43.9	24.7	24.7
7-8 AM	583	0.0	39	0.0	1500	583	0	39	0.54	0	70.0	54.9	43.2	24.5	24.5
8-9 AM	914	0.0	62	0.0	1500	914	0	62	0.58	0	69.6	53.9	42.0	24.3	24.3
9-10 AM	1350	0.0	91	0.0	1499	1350	0	91	0.90	0	69.1	47.6	34.3	24.2	24.2
10-11 AM	1656	0.0	111	0.0	1499	1656	0	111	3.00	60	68.7	27.6	30.8	24.0	24.0
11A-NOON	1902	0.0	128	0.0	1499	1581	321	449	9.40	219	68.4	12.0	30.8	23.8	21.4
NOON-1PM	2210	0.0	148	0.0	1500	1537	673	821	11.24	266	68.0	10.4	30.8	23.7	18.6
1-2 PM	2070	0.0	139	0.0	1499	1474	596	735	10.79	254	68.2	10.7	30.8	23.8	19.2
2-3 PM	2098	0.0	141	0.0	1500	1507	591	732	10.77	253	68.1	10.8	30.8	23.8	19.3
3-4 PM	2113	0.0	142	0.0	1499	1508	606	748	10.85	255	68.1	10.7	30.8	23.7	19.1
4-5 PM	2415	0.0	163	0.0	1500	1544	871	1033	12.50	299	67.8	9.5	30.8	23.6	16.9
5-6 PM	2118	0.0	142	0.0	1499	1436	683	825	11.26	267	68.1	10.4	30.8	23.7	18.5
6-7 PM	1632	0.0	110	0.0	1500	1446	186	296	8.89	204	68.7	12.7	30.8	24.0	22.5
7-8 PM	1374	0.0	93	0.0	1499	1374	0	93	6.39	145	69.1	16.5	31.4	24.2	24.2
8-9 PM	1014	0.0	68	0.0	1500	1014	0	68	0.72	4	69.5	51.0	41.5	24.3	24.3
9-10 PM	825	0.0	56	0.0	1500	825	0	56	0.57	0	69.7	54.2	42.3	24.4	24.4
10-11 PM	657	0.0	44	0.0	1500	657	0	44	0.55	0	69.9	54.6	42.9	24.5	24.5
11PM-MID	369	0.0	25	0.0	1500	369	0	25	0.52	0	70.2	55.5	44.0	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	0.0068
DIVERSION	0.0306

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$58,843
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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 CONTINUOUS (24 HOUR) 2 LANE CLOSURE
 DIVERSION ROUTE: STH 167 - STH 175 - PIONEER RD**

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY NORTHBOUND DIRECTION

