

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

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	1500	380	0	26	0.52	0	70.2	55.5	44.0	24.7	24.7
1-2 AM	227	0.0	15	0.0	1500	227	0	15	0.50	0	70.2	56.0	44.6	24.7	24.7
2-3 AM	185	0.0	12	0.0	1500	185	0	12	0.49	0	70.2	56.1	44.7	24.7	24.7
3-4 AM	157	0.0	10	0.0	1500	157	0	10	0.49	0	70.2	56.1	44.8	24.8	24.8
4-5 AM	262	0.0	17	0.0	1500	262	0	17	0.50	0	70.2	55.8	44.4	24.7	24.7
5-6 AM	496	0.0	33	0.0	1500	496	0	33	0.53	0	70.1	55.1	43.5	24.6	24.6
6-7 AM	806	0.0	55	0.0	1500	806	0	55	0.57	0	69.7	54.2	42.4	24.4	24.4
7-8 AM	1099	0.0	74	0.0	1499	1099	0	74	0.63	0	69.4	52.6	40.4	24.3	24.3
8-9 AM	1460	0.0	98	0.0	1499	1460	0	98	1.19	5	68.9	43.2	32.2	24.1	24.1
9-10 AM	1758	0.0	118	0.0	1500	1722	36	154	5.38	128	68.6	18.6	30.8	23.9	23.7
10-11 AM	1895	0.0	128	0.0	1499	1491	404	532	9.83	229	68.4	11.6	30.8	23.8	20.7
11A-NOON	2108	0.0	142	0.0	1500	1528	580	722	10.72	252	68.1	10.8	30.8	23.7	19.3
NOON-1PM	2177	0.0	146	0.0	1499	1505	673	819	11.22	265	68.0	10.4	30.8	23.7	18.6
1-2 PM	2102	0.0	141	0.0	1499	1491	611	752	10.87	256	68.1	10.7	30.8	23.8	19.1
2-3 PM	2293	0.0	154	0.0	1500	1530	763	917	11.78	280	67.9	10.0	30.8	23.7	17.8
3-4 PM	2221	0.0	149	0.0	1499	1484	738	887	11.61	275	68.0	10.1	30.8	23.7	18.0
4-5 PM	2208	0.0	148	0.0	1500	1494	714	862	11.46	272	68.0	10.2	30.8	23.7	18.3
5-6 PM	1955	0.0	132	0.0	1499	1461	494	626	10.25	240	68.3	11.2	30.8	23.8	20.1
6-7 PM	1671	0.0	112	0.0	1500	1469	202	314	8.96	206	68.7	12.5	30.8	24.0	22.4
7-8 PM	1400	0.0	94	0.0	1499	1395	5	99	6.86	154	69.0	15.5	30.8	24.1	24.1
8-9 PM	1210	0.0	81	0.0	1500	1210	0	81	1.13	15	69.2	44.2	37.4	24.2	24.2
9-10 PM	1159	0.0	78	0.0	1500	1159	0	78	0.65	0	69.3	52.2	39.8	24.2	24.2
10-11 PM	883	0.0	60	0.0	1500	883	0	60	0.57	0	69.6	54.0	42.1	24.4	24.4
11PM-MID	602	0.0	40	0.0	1500	602	0	40	0.54	0	70.0	54.8	43.1	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	0.0112
MAIN ROUTE WITH WORKS	0.0076
DIVERSION	0.0351

PIA: Personal Injury Accidents

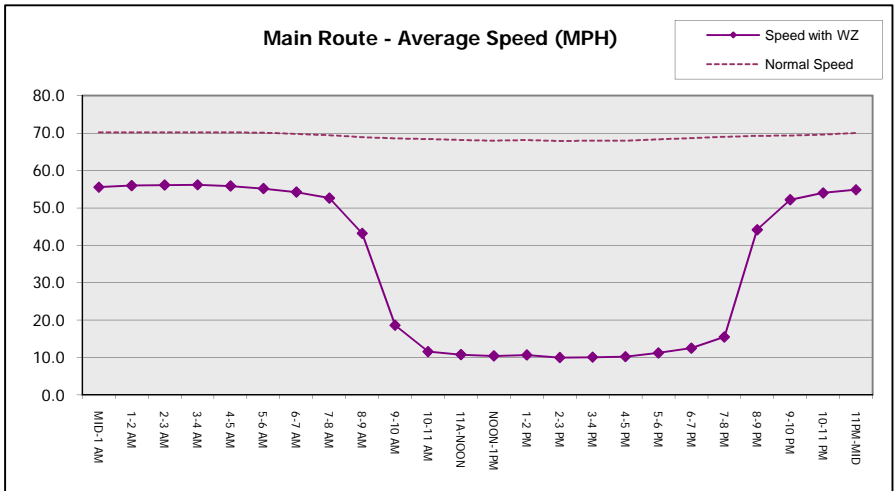
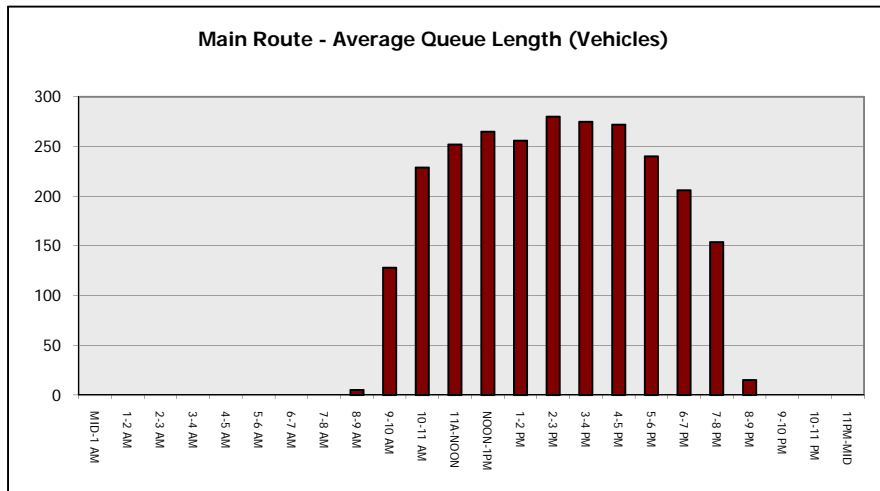
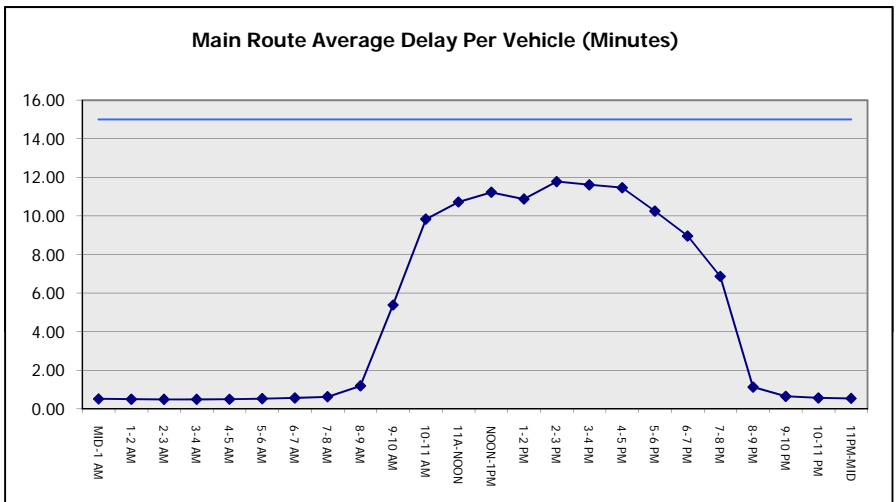
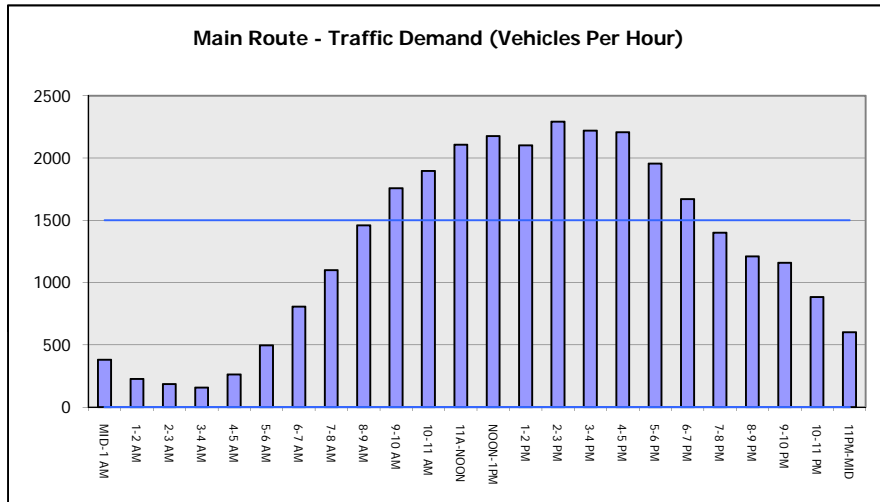
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$67,148
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

**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

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) 2 LANE 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			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	530	0.0	36	0.0	1500	530	0	36	0.54	0	70.0	55.1	43.4	24.6	24.6
1-2 AM	301	0.0	21	0.0	1500	301	0	21	0.51	0	70.2	55.7	44.3	24.7	24.7
2-3 AM	242	0.0	16	0.0	1500	242	0	16	0.50	0	70.2	55.9	44.5	24.7	24.7
3-4 AM	209	0.0	14	0.0	1500	209	0	14	0.50	0	70.2	56.0	44.6	24.7	24.7
4-5 AM	291	0.0	20	0.0	1500	291	0	20	0.51	0	70.2	55.8	44.3	24.7	24.7
5-6 AM	519	0.0	35	0.0	1500	519	0	35	0.53	0	70.1	55.1	43.4	24.6	24.6
6-7 AM	944	0.0	64	0.0	1500	944	0	64	0.58	0	69.6	53.8	41.9	24.3	24.3
7-8 AM	1307	0.0	87	0.0	1499	1307	0	87	0.84	0	69.1	48.6	35.5	24.2	24.2
8-9 AM	1632	0.0	110	0.0	1499	1632	0	110	2.57	47	68.7	30.1	30.8	24.0	24.0
9-10 AM	1900	0.0	128	0.0	1499	1605	295	423	9.17	214	68.4	12.3	30.8	23.8	21.6
10-11 AM	2172	0.0	146	0.0	1500	1537	635	782	11.02	260	68.1	10.6	30.8	23.7	18.8
11A-NOON	2287	0.0	153	0.0	1499	1514	773	926	11.84	281	67.9	9.9	30.8	23.7	17.8
NOON-1PM	2341	0.0	157	0.0	1499	1506	835	992	12.24	292	67.8	9.7	30.8	23.7	17.2
1-2 PM	2296	0.0	154	0.0	1499	1490	806	960	12.04	287	67.9	9.8	30.8	23.7	17.5
2-3 PM	2237	0.0	150	0.0	1499	1491	746	896	11.66	277	67.9	10.1	30.8	23.7	17.9
3-4 PM	2222	0.0	149	0.0	1500	1498	725	874	11.53	273	68.0	10.2	30.8	23.7	18.1
4-5 PM	2176	0.0	146	0.0	1500	1489	687	833	11.30	267	68.0	10.4	30.8	23.7	18.4
5-6 PM	1970	0.0	133	0.0	1499	1466	504	637	10.30	241	68.3	11.2	30.8	23.8	19.9
6-7 PM	1603	0.0	108	0.0	1500	1460	143	251	8.73	200	68.7	12.9	30.8	24.0	22.9
7-8 PM	1317	0.0	88	0.0	1499	1317	0	88	4.58	107	69.1	21.0	32.2	24.2	24.2
8-9 PM	1216	0.0	81	0.0	1500	1216	0	81	0.73	0	69.2	50.7	37.9	24.2	24.2
9-10 PM	1287	0.0	86	0.0	1500	1287	0	86	0.82	0	69.1	49.0	35.9	24.2	24.2
10-11 PM	924	0.0	62	0.0	1500	924	0	62	0.58	0	69.6	53.8	41.9	24.3	24.3
11PM-MID	628	0.0	42	0.0	1500	628	0	42	0.55	0	69.9	54.8	43.0	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	0.0119
MAIN ROUTE WITH WORKS	0.0079
DIVERSION	0.0402

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$74,150
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
SATURDAY NORTHBOUND DIRECTION

