

**USH 45: STH 33 TO USH 41 (WASHINGTON COUNTY)  
CONTINUOUS (24 HOUR) CLOSURE  
DIVERSION ROUTE: STH 145 - CTH P - STH 60**

**MAY**  
Analyzed for 2009  
Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**  
**FRIDAY 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	54	0.0	6	0.0	1500	54	0	6	0.43	0	66.3	56.7	45.3	24.8	24.8
1-2 AM	38	0.0	4	0.0	1500	38	0	4	0.43	0	66.3	56.8	45.3	24.8	24.8
2-3 AM	60	0.0	8	0.0	1500	60	0	8	0.43	0	66.3	56.7	45.3	24.8	24.8
3-4 AM	117	0.0	14	0.0	1500	117	0	14	0.43	0	66.1	56.5	45.0	24.7	24.7
4-5 AM	377	0.0	45	0.0	1500	377	0	45	0.46	0	65.7	55.7	44.0	24.5	24.5
5-6 AM	1113	0.0	133	0.0	1499	1113	0	133	0.65	0	64.3	51.4	38.3	23.8	23.8
6-7 AM	2190	0.0	261	0.0	1499	1720	470	731	7.28	179	62.3	16.8	30.8	22.9	19.3
7-8 AM	2349	0.0	280	0.0	1500	1482	867	1147	9.25	224	62.0	14.0	30.8	22.7	16.0
8-9 AM	1297	0.0	155	0.0	1499	1215	82	237	2.91	85	64.0	30.4	36.1	23.7	23.0
9-10 AM	835	0.0	100	0.0	1500	835	0	100	0.50	0	64.8	54.3	42.3	24.1	24.1
10-11 AM	812	0.0	96	0.0	1500	812	0	96	0.50	0	64.9	54.3	42.4	24.1	24.1
11A-NOON	815	0.0	97	0.0	1500	815	0	97	0.50	0	64.9	54.3	42.4	24.1	24.1
NOON-1PM	808	0.0	96	0.0	1500	808	0	96	0.50	0	64.9	54.4	42.4	24.1	24.1
1-2 PM	839	0.0	100	0.0	1500	839	0	100	0.50	0	64.8	54.3	42.2	24.1	24.1
2-3 PM	910	0.0	108	0.0	1500	910	0	108	0.51	0	64.7	54.1	42.0	24.0	24.0
3-4 PM	1004	0.0	120	0.0	1500	1004	0	120	0.52	0	64.5	53.8	41.7	23.9	23.9
4-5 PM	1035	0.0	123	0.0	1500	1035	0	123	0.52	0	64.5	53.7	41.5	23.9	23.9
5-6 PM	987	0.0	118	0.0	1500	987	0	118	0.52	0	64.5	53.8	41.7	23.9	23.9
6-7 PM	746	0.0	89	0.0	1500	746	0	89	0.49	0	65.0	54.6	42.6	24.2	24.2
7-8 PM	480	0.0	57	0.0	1500	480	0	57	0.47	0	65.5	55.4	43.6	24.4	24.4
8-9 PM	390	0.0	47	0.0	1500	390	0	47	0.46	0	65.6	55.6	43.9	24.5	24.5
9-10 PM	363	0.0	43	0.0	1500	363	0	43	0.46	0	65.7	55.7	44.0	24.5	24.5
10-11 PM	273	0.0	32	0.0	1500	273	0	32	0.45	0	65.9	56.0	44.4	24.6	24.6
11PM-MID	159	0.0	18	0.0	1500	159	0	18	0.44	0	66.1	56.4	44.8	24.7	24.7

**\*----- 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	0.0080
MAIN ROUTE WITH WORKS	0.0063
DIVERSION	0.0134

PIA: Personal Injury Accidents

**IMPACTS ON ROAD USERS**

ROAD USER COSTS PER DAY ( DOLLARS)	\$10,606
CONGESTED HOURS PER DAY*	0

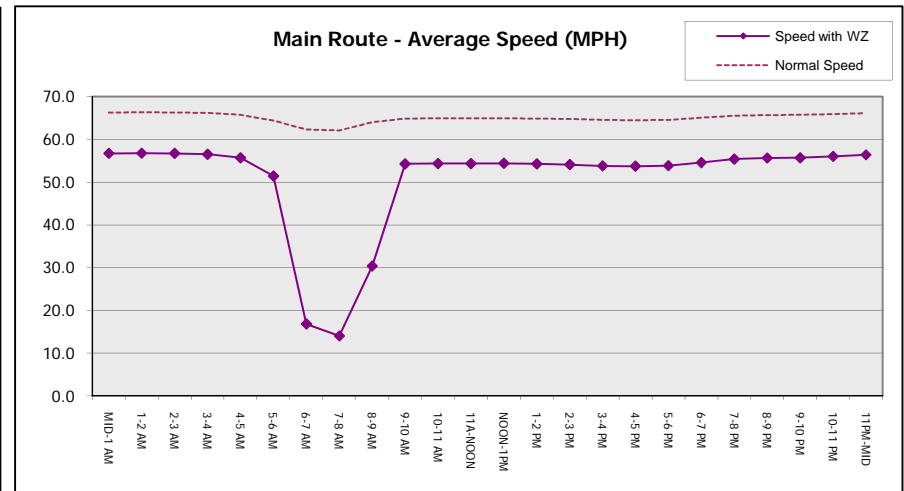
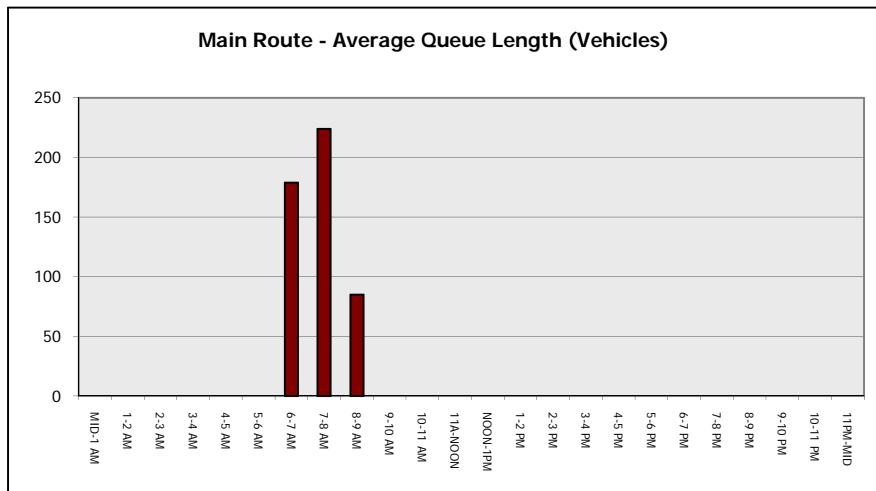
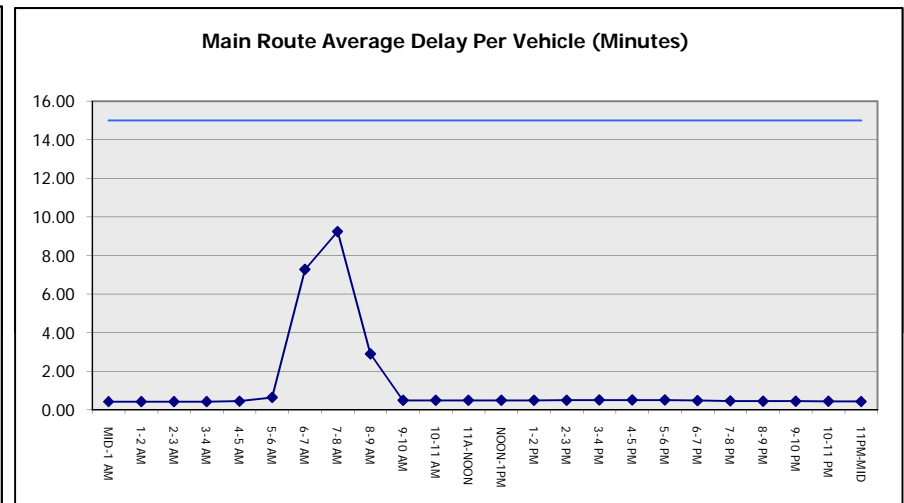
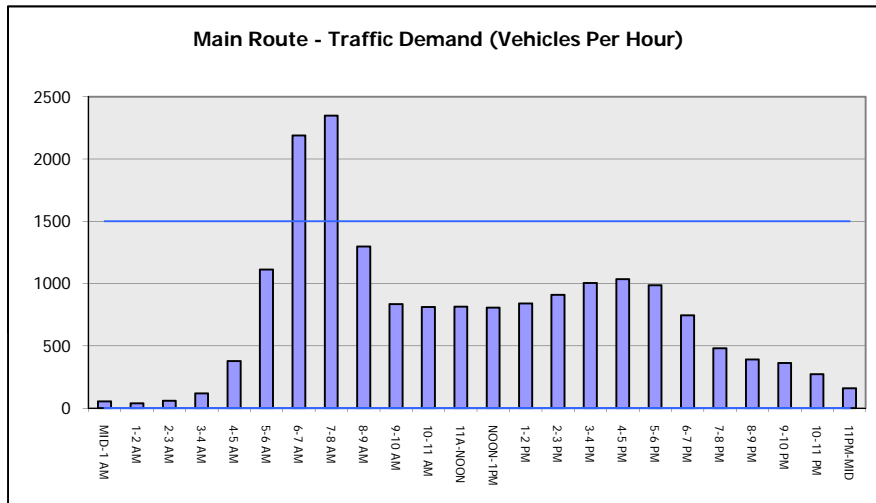
\*Delays Exceeding 15 Minutes

**USH 45: STH 33 TO USH 41 (WASHINGTON COUNTY)  
 CONTINUOUS (24 HOUR) CLOSURE  
 DIVERSION ROUTE: STH 145 - CTH P - STH 60**

**MAY**  
 Analyzed for 2009  
 Construction Season

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

**FRIDAY SOUTHBOUND DIRECTION**



<b>USH 45: STH 33 TO USH 41 (WASHINGTON COUNTY)                  CONTINUOUS (24 HOUR) CLOSURE                  DIVERSION ROUTE: STH 145 - CTH P - STH 60</b>	<b>MAY</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

FRIDAY 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	145	0.0	17	0.0	1500	145	0	17	0.44	0	66.1	56.4	44.9	24.7	24.7
1-2 AM	97	0.0	12	0.0	1500	97	0	12	0.43	0	66.2	56.6	45.1	24.8	24.8
2-3 AM	65	0.0	8	0.0	1500	65	0	8	0.43	0	66.3	56.7	45.2	24.8	24.8
3-4 AM	62	0.0	8	0.0	1500	62	0	8	0.43	0	66.3	56.7	45.3	24.8	24.8
4-5 AM	75	0.0	9	0.0	1500	75	0	9	0.43	0	66.3	56.6	45.2	24.8	24.8
5-6 AM	206	0.0	25	0.0	1500	206	0	25	0.44	0	66.0	56.2	44.6	24.7	24.7
6-7 AM	576	0.0	68	0.0	1500	576	0	68	0.48	0	65.3	55.1	43.2	24.3	24.3
7-8 AM	856	0.0	102	0.0	1500	856	0	102	0.51	0	64.8	54.2	42.2	24.0	24.0
8-9 AM	730	0.0	87	0.0	1500	730	0	87	0.49	0	65.0	54.6	42.7	24.2	24.2
9-10 AM	702	0.0	83	0.0	1500	702	0	83	0.49	0	65.1	54.7	42.7	24.2	24.2
10-11 AM	719	0.0	85	0.0	1500	719	0	85	0.49	0	65.0	54.6	42.7	24.2	24.2
11A-NOON	825	0.0	98	0.0	1500	825	0	98	0.50	0	64.8	54.3	42.3	24.1	24.1
NOON-1PM	996	0.0	119	0.0	1500	996	0	119	0.52	0	64.5	53.8	41.7	23.9	23.9
1-2 PM	1039	0.0	123	0.0	1500	1039	0	123	0.52	0	64.5	53.7	41.5	23.9	23.9
2-3 PM	1356	0.0	161	0.0	1499	1356	0	161	0.83	0	63.8	48.6	34.3	23.6	23.6
3-4 PM	1962	0.0	234	0.0	1499	1680	282	516	5.63	133	62.7	20.2	30.8	23.0	20.9
4-5 PM	2212	0.0	264	0.0	1500	1522	690	954	8.25	196	62.3	15.3	30.8	22.8	17.5
5-6 PM	2082	0.0	248	0.0	1499	1461	621	869	7.87	186	62.5	15.9	30.8	22.9	18.2
6-7 PM	1167	0.0	140	0.0	1499	1146	22	161	1.93	54	64.2	36.9	37.1	23.8	23.6
7-8 PM	767	0.0	91	0.0	1500	767	0	91	0.50	0	65.0	54.5	42.5	24.2	24.2
8-9 PM	601	0.0	71	0.0	1500	601	0	71	0.48	0	65.3	55.0	43.1	24.3	24.3
9-10 PM	622	0.0	75	0.0	1500	622	0	75	0.48	0	65.2	55.0	43.0	24.3	24.3
10-11 PM	493	0.0	58	0.0	1500	493	0	58	0.47	0	65.5	55.3	43.5	24.4	24.4
11PM-MID	406	0.0	49	0.0	1500	406	0	49	0.46	0	65.6	55.6	43.8	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	0.0084
MAIN ROUTE WITH WORKS	0.0065
DIVERSION	0.0145

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$12,004
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

**USH 45: STH 33 TO USH 41 (WASHINGTON COUNTY)  
 CONTINUOUS (24 HOUR) CLOSURE  
 DIVERSION ROUTE: STH 145 - CTH P - STH 60**

**MAY**  
 Analyzed for 2009  
 Construction Season

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

