

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

AUGUST

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	92	0.0	11	0.0	1500	92	0	11	0.43	0	66.2	56.6	45.1	24.8	24.8
1-2 AM	57	0.0	6	0.0	1500	57	0	6	0.43	0	66.3	56.7	45.3	24.8	24.8
2-3 AM	57	0.0	6	0.0	1500	57	0	6	0.43	0	66.3	56.7	45.3	24.8	24.8
3-4 AM	73	0.0	9	0.0	1500	73	0	9	0.43	0	66.3	56.6	45.2	24.8	24.8
4-5 AM	154	0.0	18	0.0	1500	154	0	18	0.44	0	66.1	56.4	44.8	24.7	24.7
5-6 AM	290	0.0	35	0.0	1500	290	0	35	0.45	0	65.8	56.0	44.3	24.6	24.6
6-7 AM	466	0.0	55	0.0	1500	466	0	55	0.47	0	65.5	55.4	43.7	24.4	24.4
7-8 AM	571	0.0	68	0.0	1500	571	0	68	0.48	0	65.3	55.1	43.2	24.3	24.3
8-9 AM	671	0.0	80	0.0	1500	671	0	80	0.49	0	65.1	54.8	42.8	24.2	24.2
9-10 AM	806	0.0	96	0.0	1500	806	0	96	0.50	0	64.9	54.4	42.4	24.1	24.1
10-11 AM	831	0.0	99	0.0	1500	831	0	99	0.50	0	64.8	54.3	42.3	24.1	24.1
11A-NOON	945	0.0	112	0.0	1500	945	0	112	0.51	0	64.6	54.0	41.9	24.0	24.0
NOON-1PM	921	0.0	110	0.0	1500	921	0	110	0.51	0	64.6	54.0	42.0	24.0	24.0
1-2 PM	939	0.0	111	0.0	1500	939	0	111	0.51	0	64.6	54.0	41.9	24.0	24.0
2-3 PM	875	0.0	104	0.0	1500	875	0	104	0.51	0	64.8	54.2	42.1	24.0	24.0
3-4 PM	861	0.0	103	0.0	1500	861	0	103	0.51	0	64.8	54.2	42.2	24.0	24.0
4-5 PM	834	0.0	99	0.0	1500	834	0	99	0.50	0	64.8	54.3	42.3	24.1	24.1
5-6 PM	791	0.0	94	0.0	1500	791	0	94	0.50	0	64.9	54.4	42.4	24.1	24.1
6-7 PM	633	0.0	76	0.0	1500	633	0	76	0.48	0	65.2	54.9	43.0	24.3	24.3
7-8 PM	525	0.0	63	0.0	1500	525	0	63	0.47	0	65.4	55.2	43.4	24.3	24.3
8-9 PM	461	0.0	55	0.0	1500	461	0	55	0.47	0	65.5	55.5	43.7	24.4	24.4
9-10 PM	414	0.0	50	0.0	1500	414	0	50	0.46	0	65.6	55.6	43.8	24.5	24.5
10-11 PM	306	0.0	37	0.0	1500	306	0	37	0.45	0	65.8	55.9	44.3	24.5	24.5
11PM-MID	192	0.0	23	0.0	1500	192	0	23	0.44	0	66.0	56.3	44.7	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	0.0057
MAIN ROUTE WITH WORKS	0.0048
DIVERSION	0.0057

PIA: Personal Injury Accidents

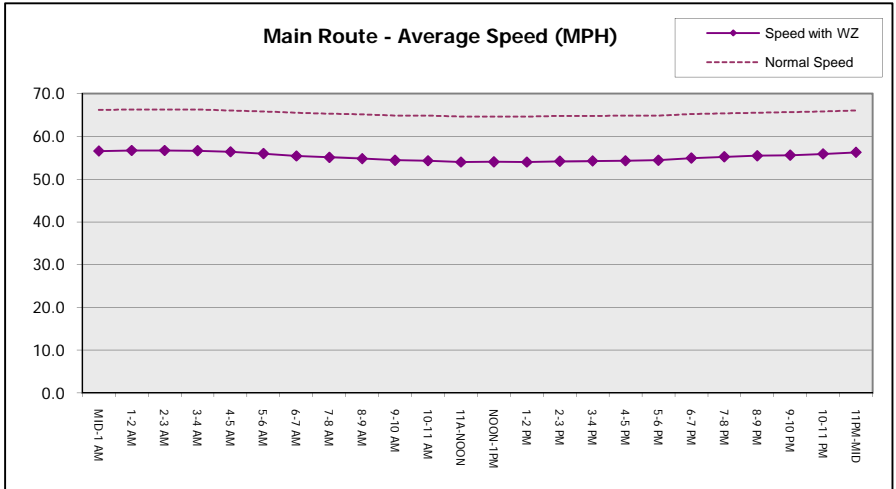
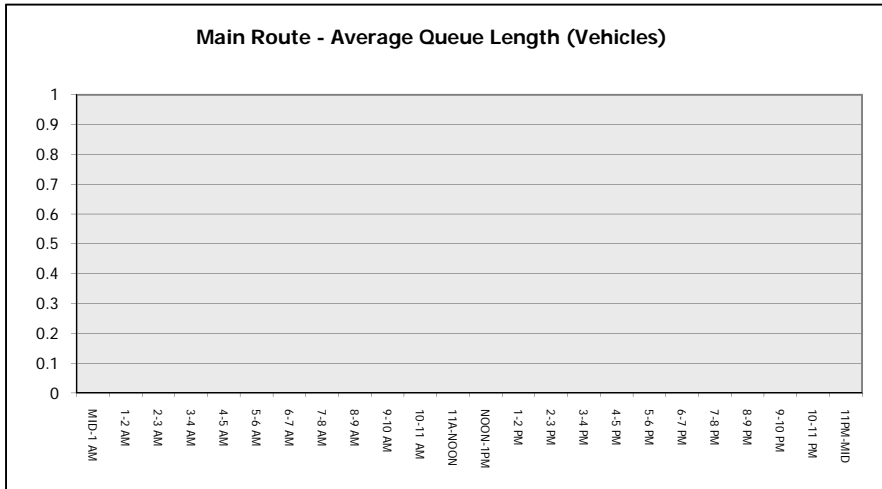
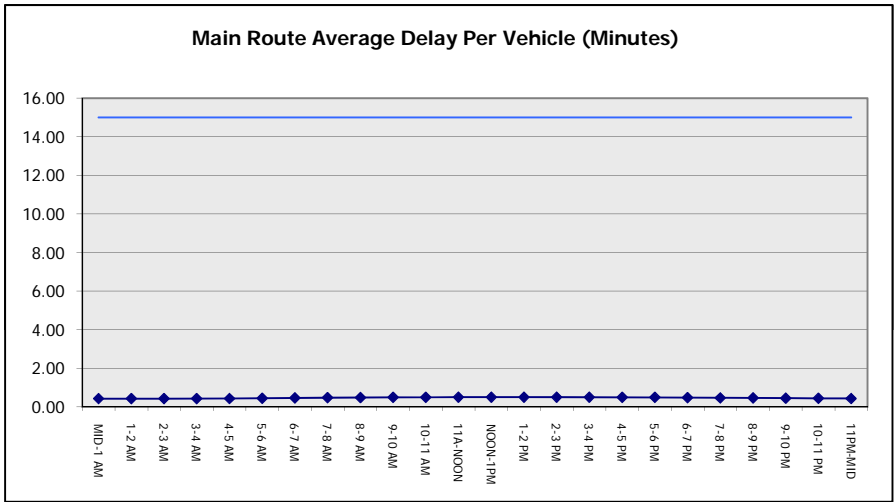
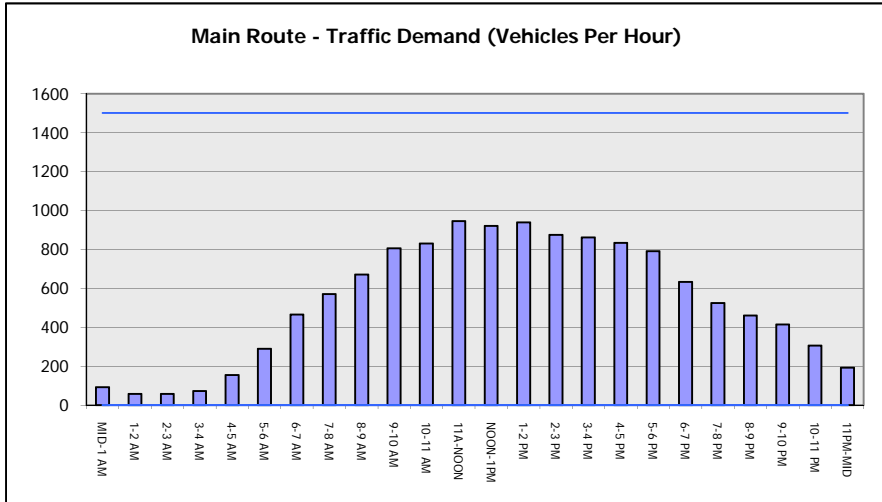
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,579
CONGESTED HOURS PER DAY*	0

*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

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY SOUTHBOUND DIRECTION



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

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	245	0.0	29	0.0	1500	245	0	29	0.45	0	66.0	56.1	44.5	24.6	24.6
1-2 AM	136	0.0	16	0.0	1500	136	0	16	0.44	0	66.1	56.4	45.0	24.7	24.7
2-3 AM	107	0.0	13	0.0	1500	107	0	13	0.43	0	66.2	56.6	45.1	24.7	24.7
3-4 AM	71	0.0	9	0.0	1500	71	0	9	0.43	0	66.3	56.6	45.2	24.8	24.8
4-5 AM	57	0.0	6	0.0	1500	57	0	6	0.43	0	66.3	56.7	45.3	24.8	24.8
5-6 AM	112	0.0	13	0.0	1500	112	0	13	0.43	0	66.2	56.5	45.0	24.7	24.7
6-7 AM	215	0.0	26	0.0	1500	215	0	26	0.44	0	66.0	56.2	44.6	24.7	24.7
7-8 AM	366	0.0	43	0.0	1500	366	0	43	0.46	0	65.7	55.7	44.0	24.5	24.5
8-9 AM	517	0.0	62	0.0	1500	517	0	62	0.47	0	65.4	55.3	43.5	24.3	24.3
9-10 AM	589	0.0	70	0.0	1500	589	0	70	0.48	0	65.3	55.0	43.2	24.3	24.3
10-11 AM	758	0.0	90	0.0	1500	758	0	90	0.50	0	65.0	54.5	42.5	24.2	24.2
11A-NOON	897	0.0	107	0.0	1500	897	0	107	0.51	0	64.7	54.1	42.0	24.0	24.0
NOON-1PM	954	0.0	113	0.0	1500	954	0	113	0.51	0	64.6	54.0	41.9	24.0	24.0
1-2 PM	955	0.0	113	0.0	1500	955	0	113	0.51	0	64.6	53.9	41.9	24.0	24.0
2-3 PM	959	0.0	115	0.0	1500	959	0	115	0.52	0	64.6	53.9	41.8	24.0	24.0
3-4 PM	982	0.0	117	0.0	1500	982	0	117	0.52	0	64.6	53.8	41.7	24.0	24.0
4-5 PM	963	0.0	115	0.0	1500	963	0	115	0.52	0	64.6	53.9	41.8	24.0	24.0
5-6 PM	822	0.0	98	0.0	1500	822	0	98	0.50	0	64.8	54.3	42.3	24.1	24.1
6-7 PM	701	0.0	83	0.0	1500	701	0	83	0.49	0	65.1	54.7	42.7	24.2	24.2
7-8 PM	607	0.0	72	0.0	1500	607	0	72	0.48	0	65.3	55.0	43.1	24.3	24.3
8-9 PM	572	0.0	68	0.0	1500	572	0	68	0.48	0	65.3	55.1	43.2	24.3	24.3
9-10 PM	544	0.0	65	0.0	1500	544	0	65	0.48	0	65.4	55.1	43.3	24.3	24.3
10-11 PM	444	0.0	53	0.0	1500	444	0	53	0.47	0	65.6	55.5	43.7	24.4	24.4
11PM-MID	330	0.0	39	0.0	1500	330	0	39	0.45	0	65.8	55.8	44.2	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	0.0058
MAIN ROUTE WITH WORKS	0.0049
DIVERSION	0.0058

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,604
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**

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY NORTHBOUND DIRECTION

