

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

OCTOBER
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	91	0.0	11	0.0	1500	91	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	45	0.0	5	0.0	1500	45	0	5	0.43	0	66.3	56.8	45.3	24.8	24.8
3-4 AM	82	0.0	10	0.0	1500	82	0	10	0.43	0	66.3	56.6	45.1	24.8	24.8
4-5 AM	136	0.0	16	0.0	1500	136	0	16	0.44	0	66.1	56.4	45.0	24.7	24.7
5-6 AM	318	0.0	38	0.0	1500	318	0	38	0.45	0	65.8	55.9	44.2	24.5	24.5
6-7 AM	425	0.0	51	0.0	1500	425	0	51	0.46	0	65.6	55.5	43.8	24.5	24.5
7-8 AM	560	0.0	67	0.0	1500	560	0	67	0.48	0	65.3	55.1	43.3	24.3	24.3
8-9 AM	711	0.0	84	0.0	1500	711	0	84	0.49	0	65.1	54.6	42.7	24.2	24.2
9-10 AM	799	0.0	95	0.0	1500	799	0	95	0.50	0	64.9	54.4	42.4	24.1	24.1
10-11 AM	889	0.0	106	0.0	1500	889	0	106	0.51	0	64.7	54.2	42.0	24.0	24.0
11A-NOON	976	0.0	116	0.0	1500	976	0	116	0.52	0	64.6	53.8	41.8	24.0	24.0
NOON-1PM	941	0.0	112	0.0	1500	941	0	112	0.51	0	64.6	54.0	41.9	24.0	24.0
1-2 PM	914	0.0	109	0.0	1500	914	0	109	0.51	0	64.7	54.0	42.0	24.0	24.0
2-3 PM	919	0.0	109	0.0	1500	919	0	109	0.51	0	64.6	54.0	42.0	24.0	24.0
3-4 PM	904	0.0	108	0.0	1500	904	0	108	0.51	0	64.7	54.1	42.0	24.0	24.0
4-5 PM	953	0.0	114	0.0	1500	953	0	114	0.51	0	64.6	54.0	41.9	24.0	24.0
5-6 PM	865	0.0	103	0.0	1500	865	0	103	0.51	0	64.8	54.2	42.2	24.0	24.0
6-7 PM	696	0.0	83	0.0	1500	696	0	83	0.49	0	65.1	54.7	42.8	24.2	24.2
7-8 PM	552	0.0	66	0.0	1500	552	0	66	0.48	0	65.3	55.1	43.3	24.3	24.3
8-9 PM	398	0.0	48	0.0	1500	398	0	48	0.46	0	65.6	55.6	43.9	24.5	24.5
9-10 PM	380	0.0	45	0.0	1500	380	0	45	0.46	0	65.7	55.7	44.0	24.5	24.5
10-11 PM	286	0.0	35	0.0	1500	286	0	35	0.45	0	65.8	56.0	44.3	24.6	24.6
11PM-MID	195	0.0	23	0.0	1500	195	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	0.0058
MAIN ROUTE WITH WORKS	0.0050
DIVERSION	0.0059

PIA: Personal Injury Accidents

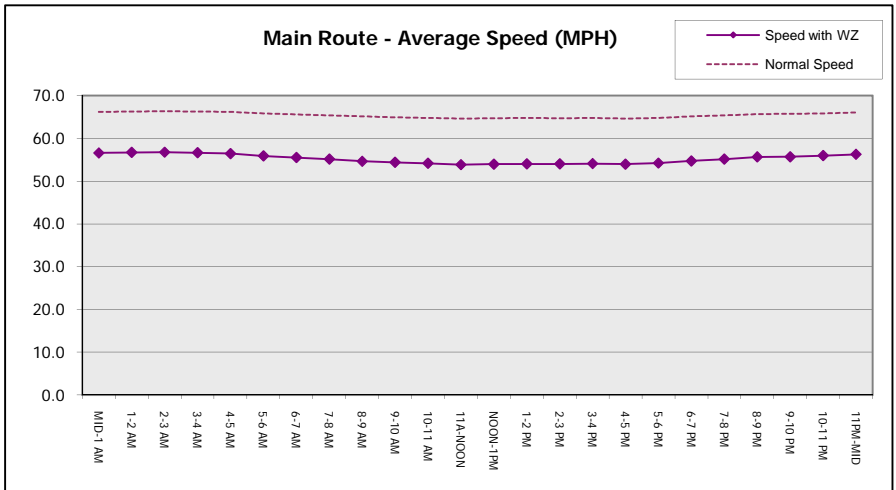
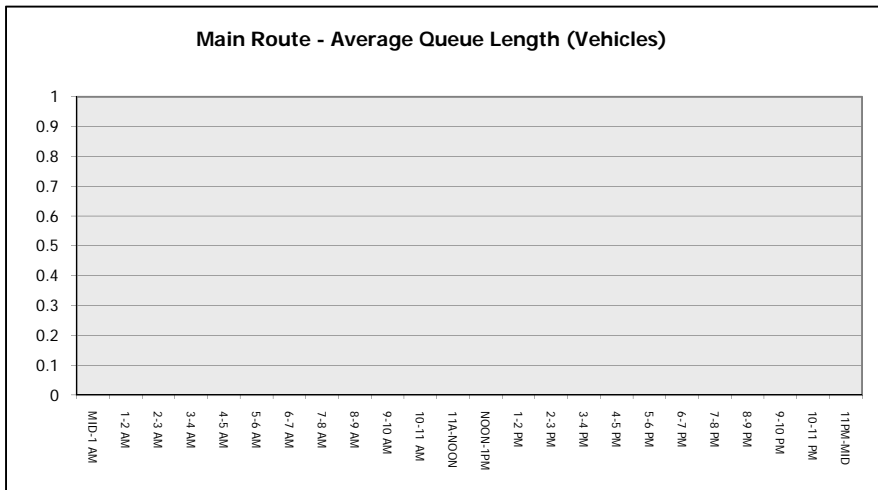
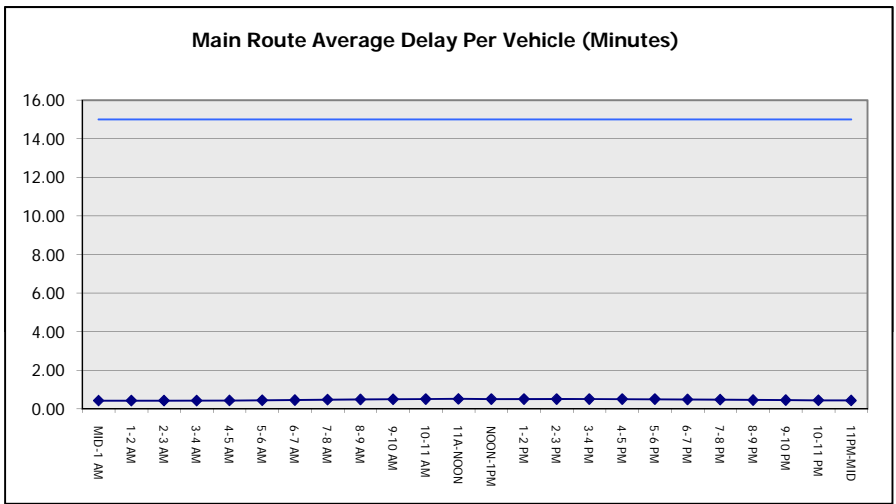
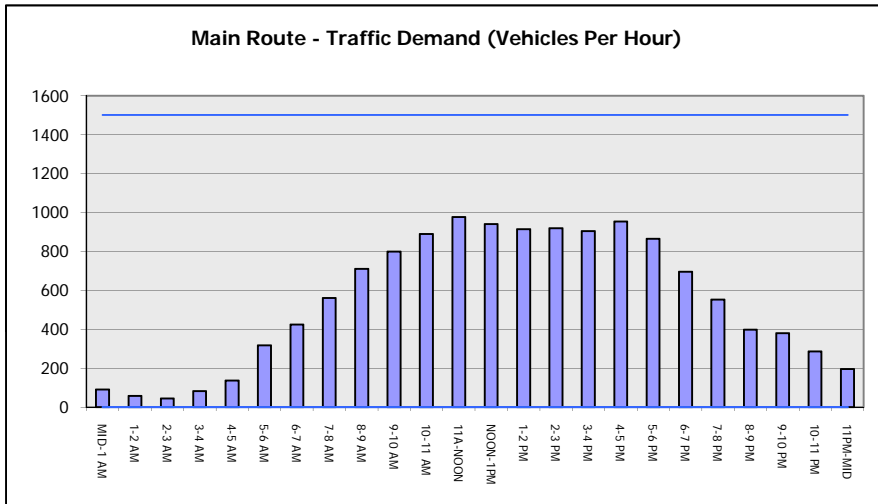
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,638
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: STH 145 - CTH P - STH 60

OCTOBER
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 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	OCTOBER
	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	206	0.0	25	0.0	1500	206	0	25	0.44	0	66.0	56.2	44.6	24.7	24.7
1-2 AM	110	0.0	13	0.0	1500	110	0	13	0.43	0	66.2	56.5	45.0	24.7	24.7
2-3 AM	92	0.0	11	0.0	1500	92	0	11	0.43	0	66.2	56.6	45.1	24.8	24.8
3-4 AM	76	0.0	9	0.0	1500	76	0	9	0.43	0	66.3	56.6	45.2	24.8	24.8
4-5 AM	52	0.0	6	0.0	1500	52	0	6	0.43	0	66.3	56.7	45.3	24.8	24.8
5-6 AM	115	0.0	14	0.0	1500	115	0	14	0.43	0	66.2	56.5	45.0	24.7	24.7
6-7 AM	216	0.0	26	0.0	1500	216	0	26	0.44	0	66.0	56.2	44.6	24.7	24.7
7-8 AM	380	0.0	45	0.0	1500	380	0	45	0.46	0	65.7	55.7	44.0	24.5	24.5
8-9 AM	534	0.0	64	0.0	1500	534	0	64	0.47	0	65.4	55.2	43.3	24.3	24.3
9-10 AM	652	0.0	78	0.0	1500	652	0	78	0.49	0	65.1	54.8	42.9	24.2	24.2
10-11 AM	808	0.0	96	0.0	1500	808	0	96	0.50	0	64.9	54.4	42.4	24.1	24.1
11A-NOON	938	0.0	111	0.0	1500	938	0	111	0.51	0	64.6	54.0	41.9	24.0	24.0
NOON-1PM	1033	0.0	123	0.0	1500	1033	0	123	0.52	0	64.5	53.7	41.5	23.9	23.9
1-2 PM	1036	0.0	123	0.0	1500	1036	0	123	0.52	0	64.5	53.7	41.5	23.9	23.9
2-3 PM	1019	0.0	121	0.0	1500	1019	0	121	0.52	0	64.5	53.7	41.6	23.9	23.9
3-4 PM	1042	0.0	124	0.0	1500	1042	0	124	0.52	0	64.5	53.7	41.5	23.9	23.9
4-5 PM	962	0.0	115	0.0	1500	962	0	115	0.52	0	64.6	53.9	41.8	24.0	24.0
5-6 PM	888	0.0	106	0.0	1500	888	0	106	0.51	0	64.7	54.2	42.1	24.0	24.0
6-7 PM	737	0.0	88	0.0	1500	737	0	88	0.49	0	65.0	54.6	42.6	24.2	24.2
7-8 PM	666	0.0	79	0.0	1500	666	0	79	0.49	0	65.1	54.8	42.9	24.2	24.2
8-9 PM	538	0.0	64	0.0	1500	538	0	64	0.47	0	65.4	55.2	43.3	24.3	24.3
9-10 PM	531	0.0	64	0.0	1500	531	0	64	0.47	0	65.4	55.2	43.4	24.3	24.3
10-11 PM	416	0.0	50	0.0	1500	416	0	50	0.46	0	65.6	55.6	43.8	24.5	24.5
11PM-MID	337	0.0	40	0.0	1500	337	0	40	0.46	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	0.0060
MAIN ROUTE WITH WORKS	0.0051
DIVERSION	0.0060

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,681
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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 CONTINUOUS (24 HOUR) CLOSURE
 DIVERSION ROUTE: STH 145 - CTH P - STH 60**

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SATURDAY NORTHBOUND DIRECTION

