

**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

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	138	0.0	16	0.0	1500	138	0	16	0.44	0	66.1	56.4	45.0	24.7	24.7
1-2 AM	98	0.0	12	0.0	1500	98	0	12	0.43	0	66.2	56.6	45.1	24.8	24.8
2-3 AM	59	0.0	6	0.0	1500	59	0	6	0.43	0	66.3	56.7	45.3	24.8	24.8
3-4 AM	45	0.0	5	0.0	1500	45	0	5	0.43	0	66.3	56.8	45.3	24.8	24.8
4-5 AM	54	0.0	6	0.0	1500	54	0	6	0.43	0	66.3	56.7	45.3	24.8	24.8
5-6 AM	118	0.0	14	0.0	1500	118	0	14	0.43	0	66.1	56.5	45.0	24.7	24.7
6-7 AM	186	0.0	23	0.0	1500	186	0	23	0.44	0	66.0	56.3	44.7	24.7	24.7
7-8 AM	242	0.0	29	0.0	1500	242	0	29	0.45	0	66.0	56.1	44.5	24.6	24.6
8-9 AM	414	0.0	50	0.0	1500	414	0	50	0.46	0	65.6	55.6	43.8	24.5	24.5
9-10 AM	616	0.0	74	0.0	1500	616	0	74	0.48	0	65.3	55.0	43.1	24.3	24.3
10-11 AM	733	0.0	88	0.0	1500	733	0	88	0.49	0	65.0	54.6	42.7	24.2	24.2
11A-NOON	818	0.0	97	0.0	1500	818	0	97	0.50	0	64.8	54.3	42.4	24.1	24.1
NOON-1PM	829	0.0	98	0.0	1500	829	0	98	0.50	0	64.8	54.3	42.3	24.1	24.1
1-2 PM	804	0.0	96	0.0	1500	804	0	96	0.50	0	64.9	54.4	42.4	24.1	24.1
2-3 PM	730	0.0	87	0.0	1500	730	0	87	0.49	0	65.0	54.6	42.7	24.2	24.2
3-4 PM	779	0.0	93	0.0	1500	779	0	93	0.50	0	65.0	54.5	42.5	24.2	24.2
4-5 PM	769	0.0	92	0.0	1500	769	0	92	0.50	0	65.0	54.5	42.5	24.2	24.2
5-6 PM	669	0.0	80	0.0	1500	669	0	80	0.49	0	65.1	54.8	42.8	24.2	24.2
6-7 PM	664	0.0	79	0.0	1500	664	0	79	0.49	0	65.1	54.8	42.9	24.2	24.2
7-8 PM	476	0.0	56	0.0	1500	476	0	56	0.47	0	65.5	55.4	43.6	24.4	24.4
8-9 PM	312	0.0	37	0.0	1500	312	0	37	0.45	0	65.8	55.9	44.2	24.5	24.5
9-10 PM	216	0.0	26	0.0	1500	216	0	26	0.44	0	66.0	56.2	44.6	24.7	24.7
10-11 PM	182	0.0	22	0.0	1500	182	0	22	0.44	0	66.1	56.3	44.8	24.7	24.7
11PM-MID	81	0.0	10	0.0	1500	81	0	10	0.43	0	66.3	56.6	45.1	24.8	24.8

----- 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	0.0045
MAIN ROUTE WITH WORKS	0.0038
DIVERSION	0.0045

PIA: Personal Injury Accidents

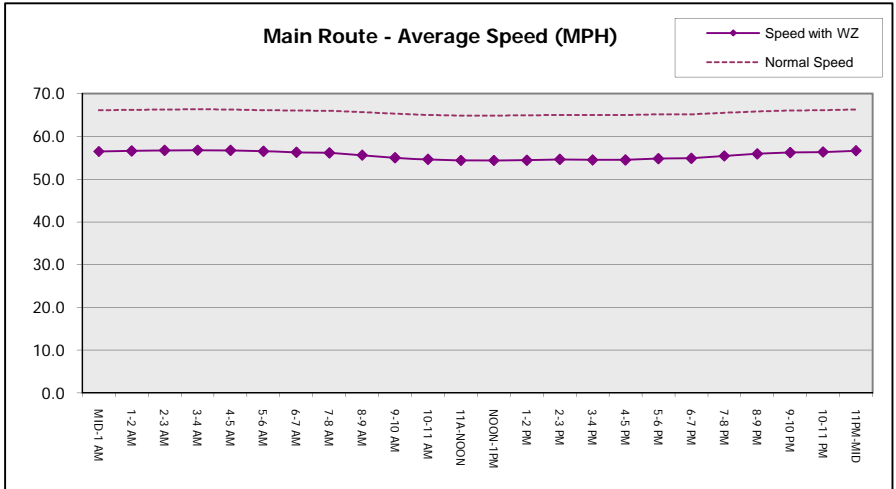
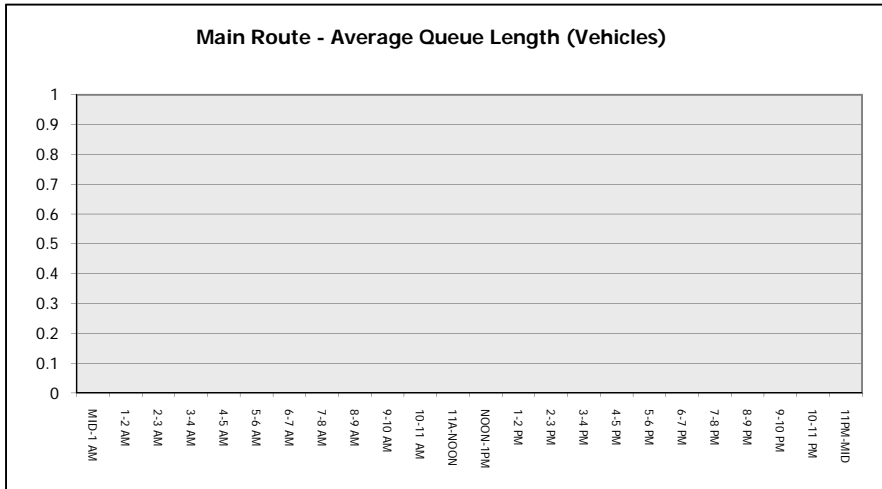
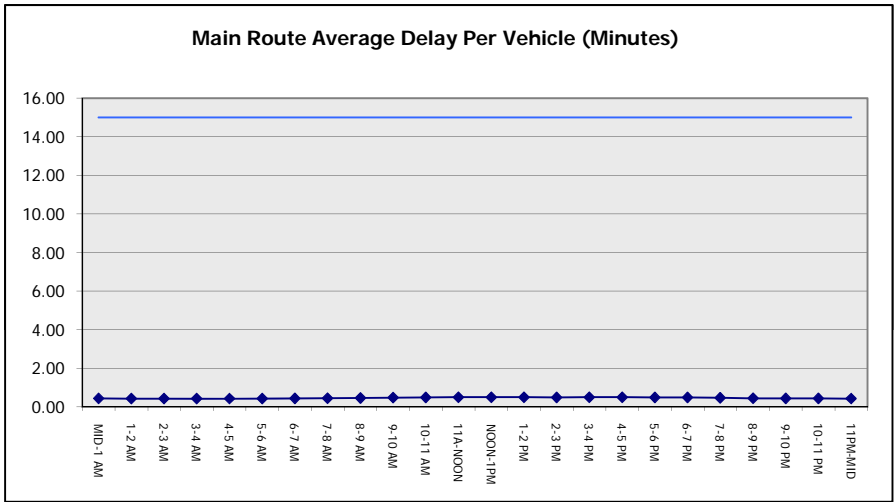
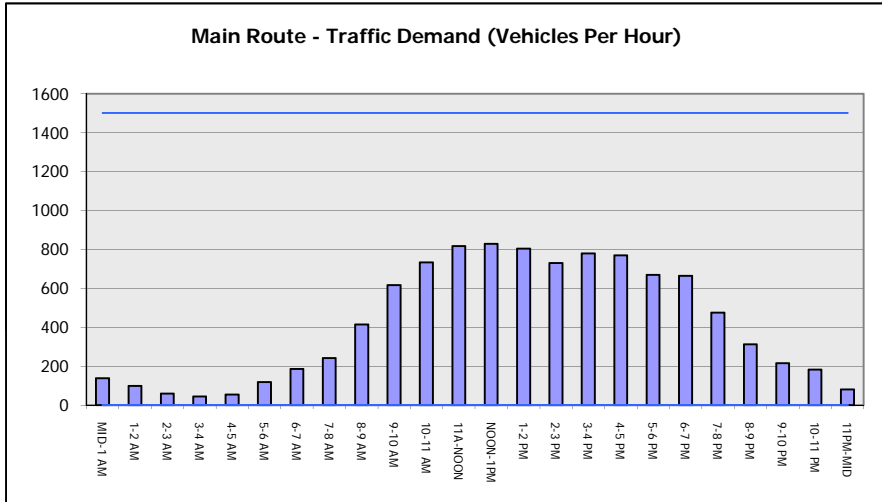
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,237
CONGESTED HOURS PER DAY*	0

*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

OCTOBER
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY 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

SUNDAY 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	215	0.0	26	0.0	1500	215	0	26	0.44	0	66.0	56.2	44.6	24.7	24.7
1-2 AM	120	0.0	14	0.0	1500	120	0	14	0.43	0	66.1	56.5	45.0	24.7	24.7
2-3 AM	112	0.0	13	0.0	1500	112	0	13	0.43	0	66.2	56.5	45.0	24.7	24.7
3-4 AM	66	0.0	8	0.0	1500	66	0	8	0.43	0	66.3	56.7	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	78	0.0	10	0.0	1500	78	0	10	0.43	0	66.3	56.6	45.2	24.8	24.8
6-7 AM	109	0.0	13	0.0	1500	109	0	13	0.43	0	66.2	56.5	45.0	24.7	24.7
7-8 AM	213	0.0	25	0.0	1500	213	0	25	0.44	0	66.0	56.2	44.6	24.7	24.7
8-9 AM	271	0.0	32	0.0	1500	271	0	32	0.45	0	65.9	56.0	44.4	24.6	24.6
9-10 AM	386	0.0	46	0.0	1500	386	0	46	0.46	0	65.6	55.6	44.0	24.5	24.5
10-11 AM	533	0.0	64	0.0	1500	533	0	64	0.47	0	65.4	55.2	43.4	24.3	24.3
11A-NOON	735	0.0	88	0.0	1500	735	0	88	0.49	0	65.0	54.6	42.6	24.2	24.2
NOON-1PM	856	0.0	102	0.0	1500	856	0	102	0.51	0	64.8	54.2	42.2	24.0	24.0
1-2 PM	818	0.0	97	0.0	1500	818	0	97	0.50	0	64.8	54.3	42.4	24.1	24.1
2-3 PM	779	0.0	93	0.0	1500	779	0	93	0.50	0	65.0	54.5	42.5	24.2	24.2
3-4 PM	844	0.0	101	0.0	1500	844	0	101	0.50	0	64.8	54.3	42.2	24.1	24.1
4-5 PM	785	0.0	94	0.0	1500	785	0	94	0.50	0	64.9	54.5	42.4	24.1	24.1
5-6 PM	676	0.0	81	0.0	1500	676	0	81	0.49	0	65.1	54.8	42.8	24.2	24.2
6-7 PM	626	0.0	75	0.0	1500	626	0	75	0.48	0	65.2	54.9	43.0	24.3	24.3
7-8 PM	468	0.0	56	0.0	1500	468	0	56	0.47	0	65.5	55.4	43.7	24.4	24.4
8-9 PM	315	0.0	38	0.0	1500	315	0	38	0.45	0	65.8	55.9	44.2	24.5	24.5
9-10 PM	227	0.0	27	0.0	1500	227	0	27	0.44	0	66.0	56.1	44.6	24.7	24.7
10-11 PM	174	0.0	21	0.0	1500	174	0	21	0.44	0	66.1	56.3	44.8	24.7	24.7
11PM-MID	125	0.0	15	0.0	1500	125	0	15	0.43	0	66.1	56.5	45.0	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	0.0043
MAIN ROUTE WITH WORKS	0.0036
DIVERSION	0.0043

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,176
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
SUNDAY NORTHBOUND DIRECTION

