

USH 51: STH 17/64 TO CTH U (MARATHON AND LINCOLN COUNTIES) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: CTH WW - STH 17/64	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	28	0.0	3	0.0	1500	28	0	3	0.43	0	66.3	63.6	45.4	44.0	44.0
1-2 AM	20	0.0	2	0.0	1500	20	0	2	0.42	0	66.3	63.7	45.4	44.0	44.0
2-3 AM	21	0.0	3	0.0	1500	21	0	3	0.42	0	66.3	63.7	45.4	44.0	44.0
3-4 AM	30	0.0	4	0.0	1500	30	0	4	0.43	0	66.3	63.6	45.4	44.0	44.0
4-5 AM	53	0.0	6	0.0	1500	53	0	6	0.43	0	66.3	63.5	45.3	44.0	44.0
5-6 AM	105	0.0	14	0.0	1500	105	0	14	0.43	0	66.2	63.5	45.1	43.9	43.9
6-7 AM	198	0.0	26	0.0	1500	198	0	26	0.44	0	66.0	63.2	44.7	43.7	43.7
7-8 AM	314	0.0	41	0.0	1500	314	0	41	0.45	0	65.8	63.0	44.2	43.5	43.5
8-9 AM	440	0.0	57	0.0	1500	440	0	57	0.47	0	65.6	62.7	43.7	43.2	43.2
9-10 AM	533	0.0	70	0.0	1500	533	0	70	0.47	0	65.4	62.5	43.4	43.0	43.0
10-11 AM	580	0.0	76	0.0	1500	580	0	76	0.48	0	65.3	62.3	43.2	43.0	43.0
11A-NOON	553	0.0	72	0.0	1500	553	0	72	0.48	0	65.3	62.4	43.3	43.0	43.0
NOON-1PM	503	0.0	66	0.0	1500	503	0	66	0.47	0	65.5	62.5	43.5	43.1	43.1
1-2 PM	492	0.0	65	0.0	1500	492	0	65	0.47	0	65.5	62.5	43.5	43.2	43.2
2-3 PM	481	0.0	63	0.0	1500	481	0	63	0.47	0	65.5	62.6	43.6	43.2	43.2
3-4 PM	439	0.0	57	0.0	1500	439	0	57	0.47	0	65.6	62.7	43.7	43.2	43.2
4-5 PM	407	0.0	53	0.0	1500	407	0	53	0.46	0	65.6	62.7	43.8	43.3	43.3
5-6 PM	340	0.0	44	0.0	1500	340	0	44	0.46	0	65.8	62.9	44.2	43.4	43.4
6-7 PM	310	0.0	41	0.0	1500	310	0	41	0.45	0	65.8	63.0	44.2	43.5	43.5
7-8 PM	258	0.0	33	0.0	1500	258	0	33	0.45	0	65.9	63.1	44.5	43.6	43.6
8-9 PM	213	0.0	28	0.0	1500	213	0	28	0.44	0	66.0	63.2	44.6	43.7	43.7
9-10 PM	165	0.0	22	0.0	1500	165	0	22	0.44	0	66.1	63.3	44.8	43.8	43.8
10-11 PM	103	0.0	14	0.0	1500	103	0	14	0.43	0	66.2	63.5	45.1	43.9	43.9
11PM-MID	65	0.0	9	0.0	1500	65	0	9	0.43	0	66.3	63.5	45.2	44.0	44.0

----- 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	0.0116
MAIN ROUTE WITH WORKS	0.0112
DIVERSION	0.0044

PIA: Personal Injury Accidents

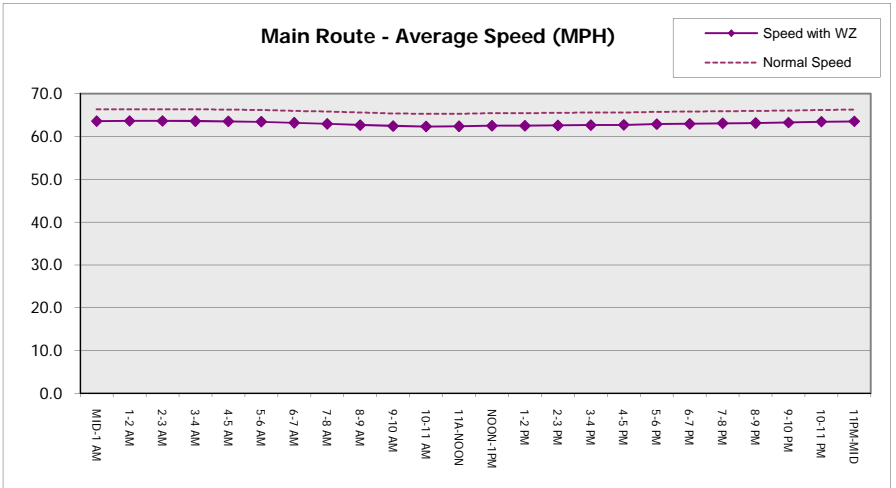
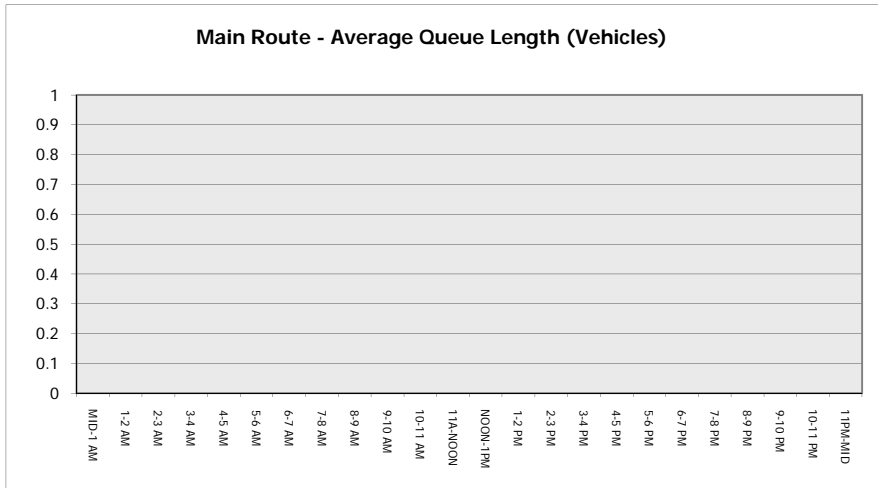
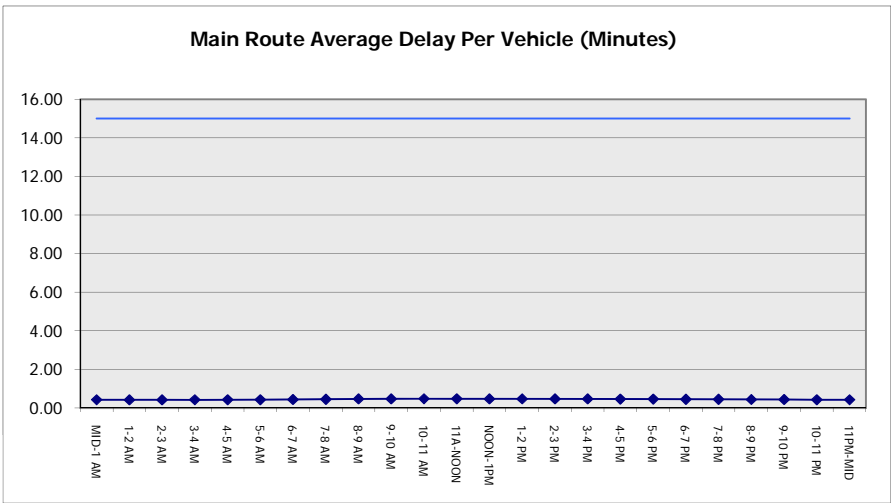
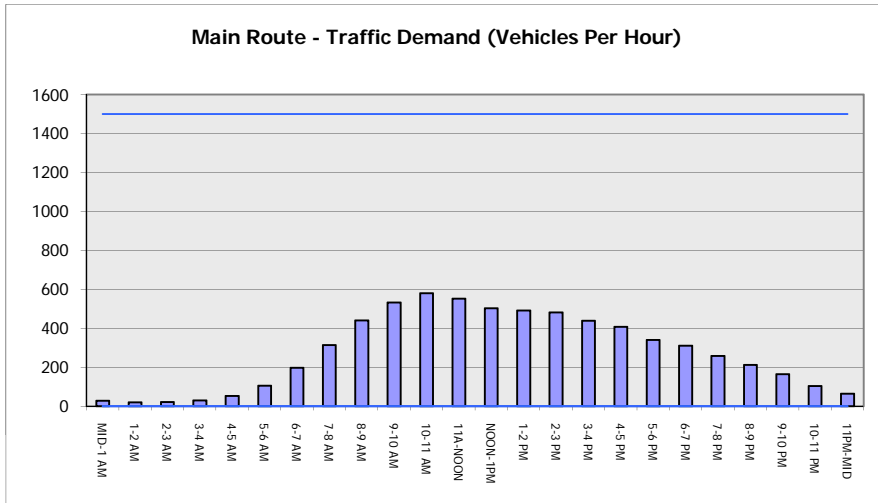
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$776
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

**USH 51: STH 17/64 TO CTH U (MARATHON AND LINCOLN COUNTIES)
 CONTINUOUS (24 HOUR) CLOSURE
 DIVERSION ROUTE: CTH WW - STH 17/64**

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY SOUTHBOUND DIRECTION



USH 51: STH 17/64 TO CTH U (MARATHON AND LINCOLN COUNTIES) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: CTH WW - STH 17/64	MAY
	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	96	0.0	13	0.0	1500	96	0	13	0.43	0	66.2	63.5	45.1	43.9	43.9
1-2 AM	58	0.0	8	0.0	1500	58	0	8	0.43	0	66.3	63.5	45.3	44.0	44.0
2-3 AM	51	0.0	6	0.0	1500	51	0	6	0.43	0	66.3	63.6	45.3	44.0	44.0
3-4 AM	37	0.0	4	0.0	1500	37	0	4	0.43	0	66.3	63.6	45.3	44.0	44.0
4-5 AM	58	0.0	8	0.0	1500	58	0	8	0.43	0	66.3	63.5	45.3	44.0	44.0
5-6 AM	99	0.0	13	0.0	1500	99	0	13	0.43	0	66.2	63.5	45.1	43.9	43.9
6-7 AM	193	0.0	25	0.0	1500	193	0	25	0.44	0	66.0	63.2	44.7	43.7	43.7
7-8 AM	311	0.0	41	0.0	1500	311	0	41	0.45	0	65.8	63.0	44.2	43.5	43.5
8-9 AM	556	0.0	72	0.0	1500	556	0	72	0.48	0	65.3	62.4	43.3	43.0	43.0
9-10 AM	706	0.0	93	0.0	1500	706	0	93	0.49	0	65.1	62.0	42.7	42.7	42.7
10-11 AM	794	0.0	105	0.0	1500	794	0	105	0.50	0	64.9	61.9	42.4	42.5	42.5
11A-NOON	794	0.0	104	0.0	1500	794	0	104	0.50	0	64.9	61.9	42.4	42.5	42.5
NOON-1PM	742	0.0	97	0.0	1500	742	0	97	0.49	0	65.0	62.0	42.6	42.7	42.7
1-2 PM	691	0.0	91	0.0	1500	691	0	91	0.49	0	65.1	62.1	42.8	42.7	42.7
2-3 PM	649	0.0	85	0.0	1500	649	0	85	0.49	0	65.2	62.2	43.0	42.8	42.8
3-4 PM	587	0.0	77	0.0	1500	587	0	77	0.48	0	65.3	62.3	43.2	43.0	43.0
4-5 PM	547	0.0	71	0.0	1500	547	0	71	0.48	0	65.4	62.4	43.3	43.0	43.0
5-6 PM	474	0.0	63	0.0	1500	474	0	63	0.47	0	65.5	62.6	43.6	43.2	43.2
6-7 PM	377	0.0	50	0.0	1500	377	0	50	0.46	0	65.7	62.8	44.0	43.3	43.3
7-8 PM	331	0.0	43	0.0	1500	331	0	43	0.45	0	65.8	62.9	44.2	43.5	43.5
8-9 PM	265	0.0	35	0.0	1500	265	0	35	0.45	0	65.9	63.1	44.4	43.6	43.6
9-10 PM	216	0.0	28	0.0	1500	216	0	28	0.44	0	66.0	63.2	44.6	43.7	43.7
10-11 PM	138	0.0	18	0.0	1500	138	0	18	0.44	0	66.1	63.3	45.0	43.8	43.8
11PM-MID	87	0.0	12	0.0	1500	87	0	12	0.43	0	66.2	63.5	45.1	43.9	43.9

----- 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	0.0155
MAIN ROUTE WITH WORKS	0.0149
DIVERSION	0.0059

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,065
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

**USH 51: STH 17/64 TO CTH U (MARATHON AND LINCOLN COUNTIES)
 CONTINUOUS (24 HOUR) CLOSURE
 DIVERSION ROUTE: CTH WW - STH 17/64**

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY NORTHBOUND DIRECTION

