

USH 51: STH 17/64 TO CTH U (MARATHON AND LINCOLN COUNTIES) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: CTH WW - STH 17/64	AUGUST
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR 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	29	0.0	4	0.0	1500	29	0	4	0.43	0	66.3	63.6	45.4	44.0	44.0
1-2 AM	23	0.0	3	0.0	1500	23	0	3	0.42	0	66.3	63.7	45.4	44.0	44.0
2-3 AM	24	0.0	3	0.0	1500	24	0	3	0.42	0	66.3	63.6	45.4	44.0	44.0
3-4 AM	57	0.0	8	0.0	1500	57	0	8	0.43	0	66.3	63.5	45.3	44.0	44.0
4-5 AM	129	0.0	17	0.0	1500	129	0	17	0.43	0	66.1	63.4	45.0	43.8	43.8
5-6 AM	327	0.0	43	0.0	1500	327	0	43	0.45	0	65.8	62.9	44.2	43.5	43.5
6-7 AM	580	0.0	76	0.0	1500	580	0	76	0.48	0	65.3	62.3	43.2	43.0	43.0
7-8 AM	680	0.0	90	0.0	1500	680	0	90	0.49	0	65.1	62.1	42.8	42.8	42.8
8-9 AM	573	0.0	76	0.0	1500	573	0	76	0.48	0	65.3	62.3	43.2	43.0	43.0
9-10 AM	643	0.0	85	0.0	1500	643	0	85	0.48	0	65.2	62.2	43.0	42.8	42.8
10-11 AM	718	0.0	95	0.0	1500	718	0	95	0.49	0	65.0	62.0	42.7	42.7	42.7
11A-NOON	738	0.0	98	0.0	1500	738	0	98	0.49	0	65.0	62.0	42.6	42.7	42.7
NOON-1PM	768	0.0	102	0.0	1500	768	0	102	0.50	0	65.0	61.9	42.5	42.6	42.6
1-2 PM	751	0.0	99	0.0	1500	751	0	99	0.50	0	65.0	62.0	42.6	42.6	42.6
2-3 PM	741	0.0	98	0.0	1500	741	0	98	0.49	0	65.0	62.0	42.6	42.7	42.7
3-4 PM	732	0.0	97	0.0	1500	732	0	97	0.49	0	65.0	62.0	42.7	42.7	42.7
4-5 PM	704	0.0	93	0.0	1500	704	0	93	0.49	0	65.1	62.0	42.7	42.7	42.7
5-6 PM	563	0.0	75	0.0	1500	563	0	75	0.48	0	65.3	62.4	43.3	43.0	43.0
6-7 PM	384	0.0	51	0.0	1500	384	0	51	0.46	0	65.6	62.8	44.0	43.3	43.3
7-8 PM	275	0.0	37	0.0	1500	275	0	37	0.45	0	65.9	63.0	44.4	43.5	43.5
8-9 PM	202	0.0	27	0.0	1500	202	0	27	0.44	0	66.0	63.2	44.6	43.7	43.7
9-10 PM	175	0.0	23	0.0	1500	175	0	23	0.44	0	66.1	63.3	44.8	43.8	43.8
10-11 PM	120	0.0	16	0.0	1500	120	0	16	0.43	0	66.1	63.4	45.0	43.8	43.8
11PM-MID	52	0.0	6	0.0	1500	52	0	6	0.43	0	66.3	63.5	45.3	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	0.0175
MAIN ROUTE WITH WORKS	0.0168
DIVERSION	0.0067

PIA: Personal Injury Accidents

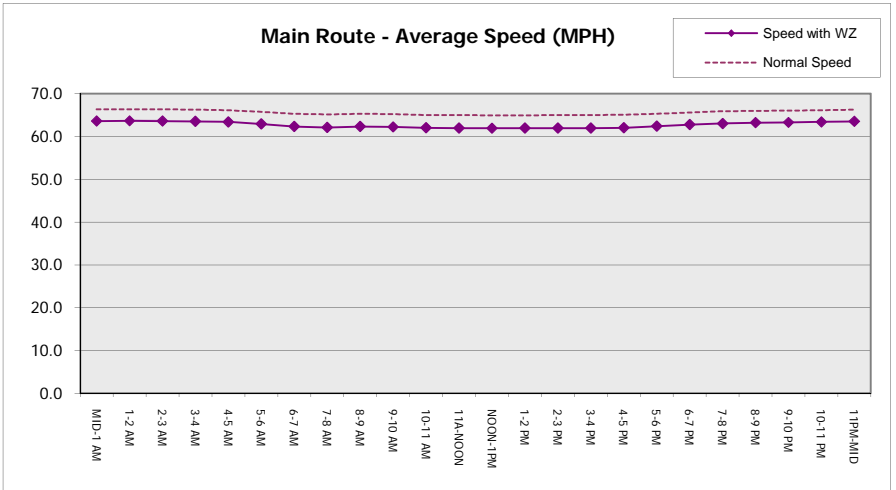
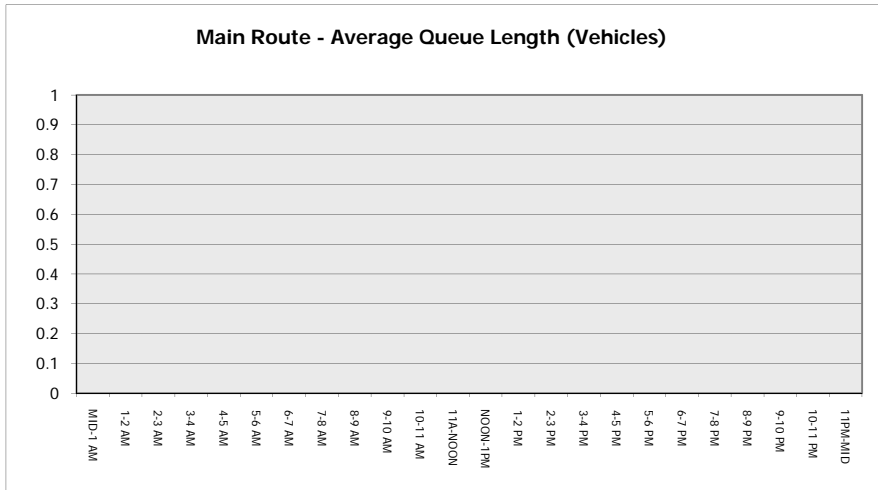
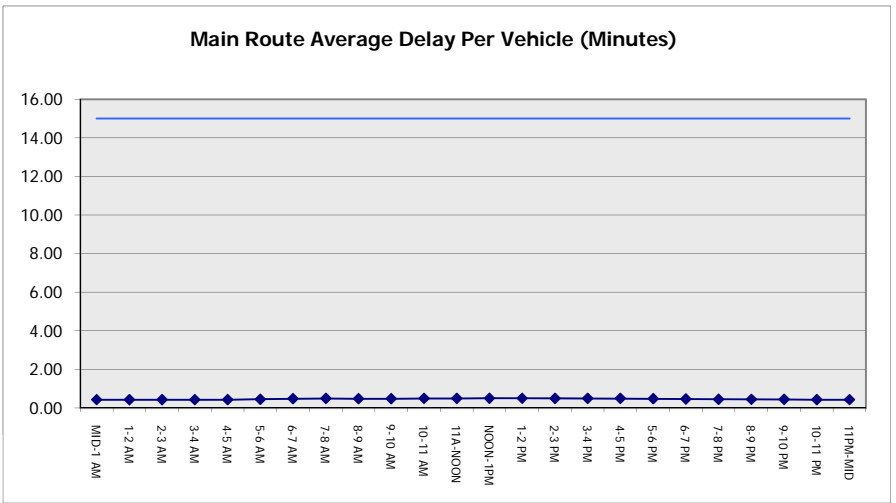
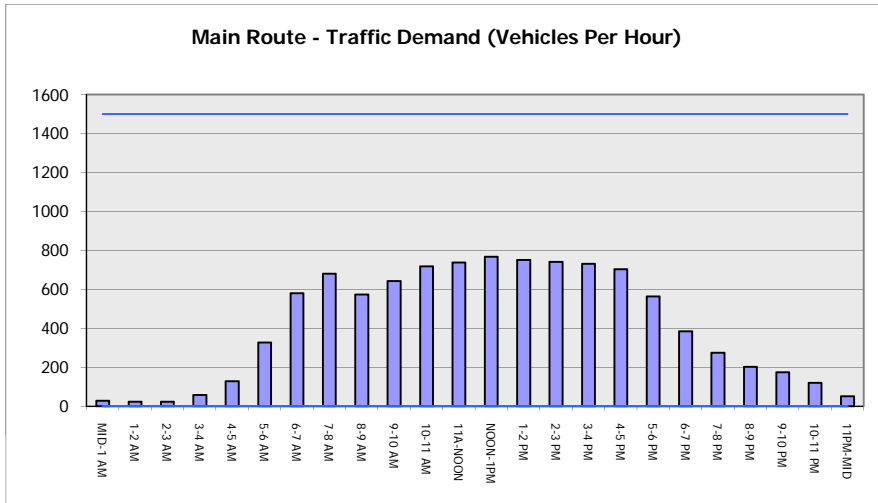
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$964
CONGESTED HOURS PER DAY*	0

*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**

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR 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	AUGUST
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR 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	72	0.0	10	0.0	1500	72	0	10	0.43	0	66.3	63.5	45.2	44.0	44.0
1-2 AM	42	0.0	5	0.0	1500	42	0	5	0.43	0	66.3	63.6	45.3	44.0	44.0
2-3 AM	31	0.0	4	0.0	1500	31	0	4	0.43	0	66.3	63.6	45.4	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	70	0.0	9	0.0	1500	70	0	9	0.43	0	66.3	63.5	45.2	44.0	44.0
5-6 AM	137	0.0	18	0.0	1500	137	0	18	0.44	0	66.1	63.3	45.0	43.8	43.8
6-7 AM	298	0.0	39	0.0	1500	298	0	39	0.45	0	65.8	63.0	44.3	43.5	43.5
7-8 AM	426	0.0	56	0.0	1500	426	0	56	0.46	0	65.6	62.7	43.8	43.3	43.3
8-9 AM	422	0.0	55	0.0	1500	422	0	55	0.46	0	65.6	62.7	43.8	43.3	43.3
9-10 AM	475	0.0	63	0.0	1500	475	0	63	0.47	0	65.5	62.6	43.6	43.2	43.2
10-11 AM	552	0.0	72	0.0	1500	552	0	72	0.48	0	65.3	62.4	43.3	43.0	43.0
11A-NOON	598	0.0	79	0.0	1500	598	0	79	0.48	0	65.3	62.3	43.2	42.9	42.9
NOON-1PM	636	0.0	83	0.0	1500	636	0	83	0.48	0	65.2	62.2	43.0	42.8	42.8
1-2 PM	682	0.0	89	0.0	1500	682	0	89	0.49	0	65.1	62.1	42.8	42.8	42.8
2-3 PM	772	0.0	100	0.0	1500	772	0	100	0.50	0	65.0	61.9	42.5	42.6	42.6
3-4 PM	923	0.0	121	0.0	1500	923	0	121	0.51	0	64.6	61.6	42.0	42.3	42.3
4-5 PM	944	0.0	124	0.0	1500	944	0	124	0.51	0	64.6	61.5	41.9	42.2	42.2
5-6 PM	876	0.0	115	0.0	1500	876	0	115	0.51	0	64.8	61.7	42.1	42.4	42.4
6-7 PM	586	0.0	77	0.0	1500	586	0	77	0.48	0	65.3	62.3	43.2	43.0	43.0
7-8 PM	480	0.0	63	0.0	1500	480	0	63	0.47	0	65.5	62.6	43.6	43.2	43.2
8-9 PM	441	0.0	56	0.0	1500	441	0	56	0.47	0	65.6	62.7	43.7	43.3	43.3
9-10 PM	356	0.0	45	0.0	1500	356	0	45	0.46	0	65.7	62.8	44.1	43.4	43.4
10-11 PM	231	0.0	29	0.0	1500	231	0	29	0.44	0	66.0	63.2	44.6	43.7	43.7
11PM-MID	171	0.0	22	0.0	1500	171	0	22	0.44	0	66.1	63.3	44.8	43.8	43.8

----- 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	0.0180
MAIN ROUTE WITH WORKS	0.0173
DIVERSION	0.0068

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$993
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**

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR NORTHBOUND DIRECTION

