

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

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	25	0.0	3	0.0	1500	25	0	3	0.42	0	66.3	63.6	45.4	44.0	44.0
1-2 AM	18	0.0	2	0.0	1500	18	0	2	0.42	0	66.3	63.7	45.5	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	52	0.0	6	0.0	1500	52	0	6	0.43	0	66.3	63.5	45.3	44.0	44.0
4-5 AM	131	0.0	17	0.0	1500	131	0	17	0.44	0	66.1	63.4	45.0	43.8	43.8
5-6 AM	364	0.0	49	0.0	1500	364	0	49	0.46	0	65.7	62.8	44.0	43.3	43.3
6-7 AM	575	0.0	76	0.0	1500	575	0	76	0.48	0	65.3	62.3	43.2	43.0	43.0
7-8 AM	689	0.0	91	0.0	1500	689	0	91	0.49	0	65.1	62.1	42.8	42.7	42.7
8-9 AM	616	0.0	81	0.0	1500	616	0	81	0.48	0	65.3	62.3	43.1	42.9	42.9
9-10 AM	694	0.0	90	0.0	1500	694	0	90	0.49	0	65.1	62.1	42.8	42.8	42.8
10-11 AM	778	0.0	98	0.0	1500	778	0	98	0.50	0	65.0	61.9	42.5	42.7	42.7
11A-NOON	765	0.0	95	0.0	1500	765	0	95	0.50	0	65.0	61.9	42.5	42.7	42.7
NOON-1PM	817	0.0	102	0.0	1500	817	0	102	0.50	0	64.8	61.8	42.4	42.6	42.6
1-2 PM	839	0.0	104	0.0	1500	839	0	104	0.50	0	64.8	61.8	42.2	42.5	42.5
2-3 PM	803	0.0	100	0.0	1500	803	0	100	0.50	0	64.9	61.9	42.4	42.6	42.6
3-4 PM	820	0.0	103	0.0	1500	820	0	103	0.50	0	64.8	61.8	42.3	42.6	42.6
4-5 PM	744	0.0	95	0.0	1500	744	0	95	0.49	0	65.0	62.0	42.6	42.7	42.7
5-6 PM	531	0.0	68	0.0	1500	531	0	68	0.47	0	65.4	62.5	43.4	43.1	43.1
6-7 PM	348	0.0	45	0.0	1500	348	0	45	0.46	0	65.8	62.9	44.1	43.4	43.4
7-8 PM	246	0.0	31	0.0	1500	246	0	31	0.45	0	66.0	63.1	44.5	43.7	43.7
8-9 PM	168	0.0	22	0.0	1500	168	0	22	0.44	0	66.1	63.3	44.8	43.8	43.8
9-10 PM	128	0.0	17	0.0	1500	128	0	17	0.43	0	66.1	63.4	45.0	43.8	43.8
10-11 PM	78	0.0	11	0.0	1500	78	0	11	0.43	0	66.3	63.5	45.2	43.9	43.9
11PM-MID	38	0.0	5	0.0	1500	38	0	5	0.43	0	66.3	63.6	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	0.0180
MAIN ROUTE WITH WORKS	0.0173
DIVERSION	0.0066

PIA: Personal Injury Accidents

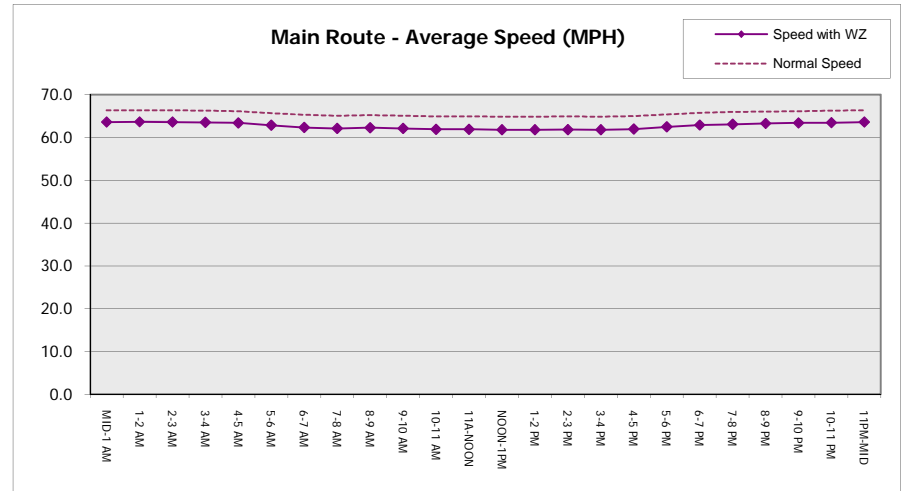
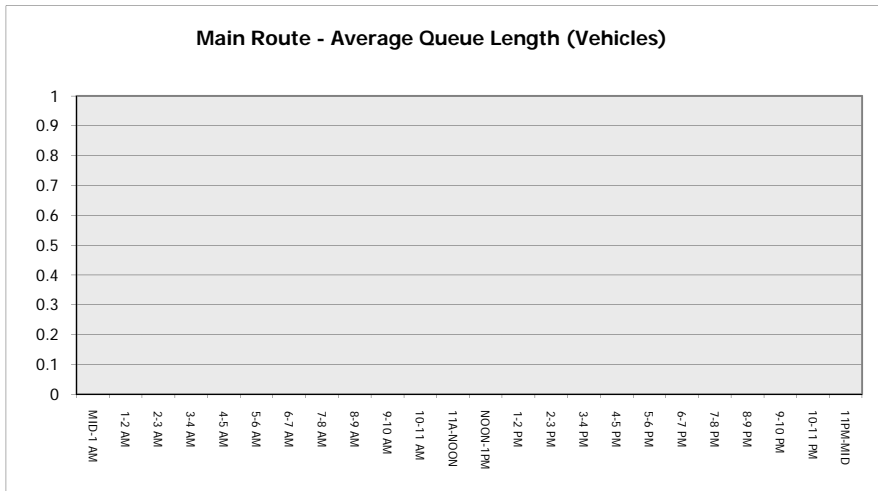
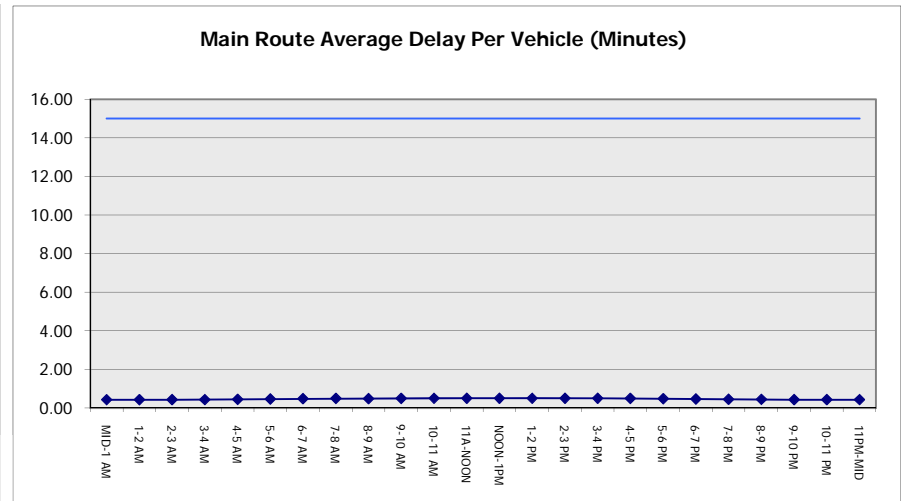
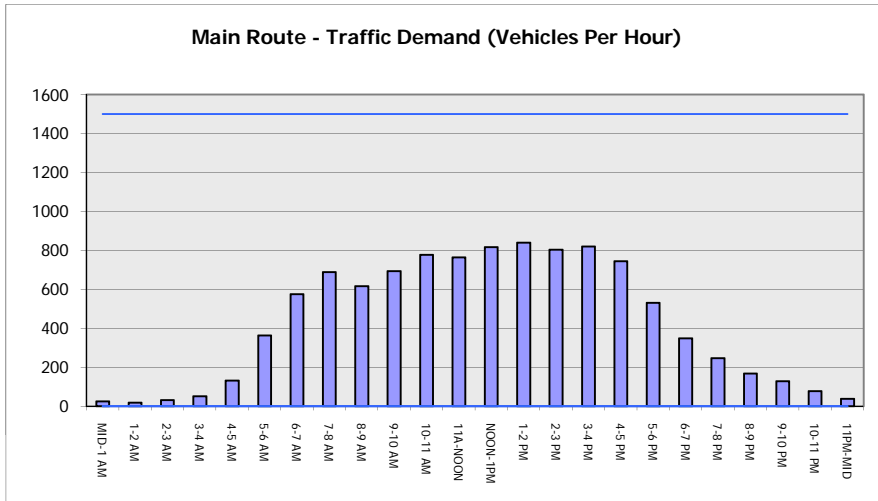
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,001
CONGESTED HOURS PER DAY*	0

*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
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	MAY
	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	40	0.0	5	0.0	1500	40	0	5	0.43	0	66.3	63.6	45.3	44.0	44.0
1-2 AM	29	0.0	4	0.0	1500	29	0	4	0.43	0	66.3	63.6	45.4	44.0	44.0
2-3 AM	27	0.0	3	0.0	1500	27	0	3	0.43	0	66.3	63.6	45.4	44.0	44.0
3-4 AM	34	0.0	4	0.0	1500	34	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	143	0.0	18	0.0	1500	143	0	18	0.44	0	66.1	63.3	44.9	43.8	43.8
6-7 AM	324	0.0	42	0.0	1500	324	0	42	0.45	0	65.8	62.9	44.2	43.5	43.5
7-8 AM	377	0.0	50	0.0	1500	377	0	50	0.46	0	65.7	62.8	44.0	43.3	43.3
8-9 AM	385	0.0	51	0.0	1500	385	0	51	0.46	0	65.6	62.8	44.0	43.3	43.3
9-10 AM	403	0.0	53	0.0	1500	403	0	53	0.46	0	65.6	62.8	43.9	43.3	43.3
10-11 AM	423	0.0	55	0.0	1500	423	0	55	0.46	0	65.6	62.7	43.8	43.3	43.3
11A-NOON	452	0.0	59	0.0	1500	452	0	59	0.47	0	65.5	62.7	43.7	43.2	43.2
NOON-1PM	473	0.0	62	0.0	1500	473	0	62	0.47	0	65.5	62.6	43.6	43.2	43.2
1-2 PM	501	0.0	66	0.0	1500	501	0	66	0.47	0	65.5	62.5	43.5	43.1	43.1
2-3 PM	611	0.0	80	0.0	1500	611	0	80	0.48	0	65.3	62.3	43.1	42.9	42.9
3-4 PM	726	0.0	95	0.0	1500	726	0	95	0.49	0	65.0	62.0	42.7	42.7	42.7
4-5 PM	793	0.0	104	0.0	1500	793	0	104	0.50	0	64.9	61.9	42.4	42.5	42.5
5-6 PM	624	0.0	82	0.0	1500	624	0	82	0.48	0	65.2	62.2	43.0	42.8	42.8
6-7 PM	429	0.0	56	0.0	1500	429	0	56	0.46	0	65.6	62.7	43.8	43.3	43.3
7-8 PM	348	0.0	45	0.0	1500	348	0	45	0.46	0	65.8	62.9	44.1	43.4	43.4
8-9 PM	293	0.0	38	0.0	1500	293	0	38	0.45	0	65.8	63.0	44.3	43.5	43.5
9-10 PM	220	0.0	29	0.0	1500	220	0	29	0.44	0	66.0	63.2	44.6	43.7	43.7
10-11 PM	161	0.0	22	0.0	1500	161	0	22	0.44	0	66.1	63.3	44.8	43.8	43.8
11PM-MID	98	0.0	13	0.0	1500	98	0	13	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	0.0140
MAIN ROUTE WITH WORKS	0.0134
DIVERSION	0.0053

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$747
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
MON-THUR NORTHBOUND DIRECTION

