

USH 12: CTH K TO USH 14 (DANE COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

SATURDAY WESTBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR						AVERAGE SPEEDS IN MPH				
	MAIN ROUTE		SITE CAPA CITY	FLOW		AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		SITE	
	DEMAND FLOW	PCT HEAVY		MAIN ROUTE	'DIVER TED'			WITHOUT WORK ZONE	WITH WORK ZONE		
MID-1 AM	131	0.0	1500	131	0	0.34	0	60.2	54.2	45.0	
1-2 AM	78	0.0	1500	78	0	0.34	0	60.2	54.3	45.1	
2-3 AM	61	0.0	1500	61	0	0.34	0	60.2	54.3	45.3	
3-4 AM	58	0.0	1500	58	0	0.34	0	60.2	54.3	45.3	
4-5 AM	53	0.0	1500	53	0	0.34	0	60.2	54.3	45.3	
5-6 AM	91	0.0	1500	91	0	0.34	0	60.2	54.3	45.1	
6-7 AM	184	0.0	1500	184	0	0.35	0	60.2	54.1	44.8	
7-8 AM	401	0.0	1500	401	0	0.38	0	60.2	53.7	43.9	
8-9 AM	591	0.0	1500	591	0	0.40	0	60.2	53.3	43.2	
9-10 AM	771	0.0	1500	771	0	0.42	0	60.2	53.0	42.5	
10-11 AM	920	0.0	1500	920	0	0.44	0	60.2	52.7	42.0	
11AM-NOON	1012	0.0	1500	1012	0	0.45	0	60.2	52.5	41.6	
NOON-1PM	1013	0.0	1500	1013	0	0.45	0	60.2	52.5	41.6	
1-2 PM	990	0.0	1500	990	0	0.45	0	60.2	52.5	41.7	
2-3 PM	976	0.0	1500	976	0	0.45	0	60.2	52.6	41.7	
3-4 PM	1019	0.0	1500	1019	0	0.45	0	60.2	52.5	41.6	
4-5 PM	985	0.0	1500	985	0	0.45	0	60.2	52.6	41.7	
5-6 PM	889	0.0	1500	889	0	0.44	0	60.2	52.7	42.0	
6-7 PM	775	0.0	1500	775	0	0.42	0	60.2	53.0	42.5	
7-8 PM	628	0.0	1500	628	0	0.41	0	60.2	53.2	43.0	
8-9 PM	550	0.0	1500	550	0	0.40	0	60.2	53.4	43.3	
9-10 PM	481	0.0	1500	481	0	0.39	0	60.2	53.5	43.6	
10-11 PM	315	0.0	1500	315	0	0.37	0	60.2	53.8	44.2	
11PM-MID	225	0.0	1500	225	0	0.36	0	60.2	54.0	44.6	

----- SITE BREAKDOWN DELAYS -----

BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0.0
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

----- SITE ACCIDENT DELAYS -----

BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0
AV BREAKDOWNS PER DAY	0
AV QUEUE DELAY/DAY (VEH-H)	0
AV TOTAL DELAY/DAY (VEH-H)	0

AVERAGE ACCIDENT NUMBERS (PIA/DAY)

MAIN ROUTE WITHOUT WORKS	0.0065
MAIN ROUTE WITH WORKS	0.0056
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS

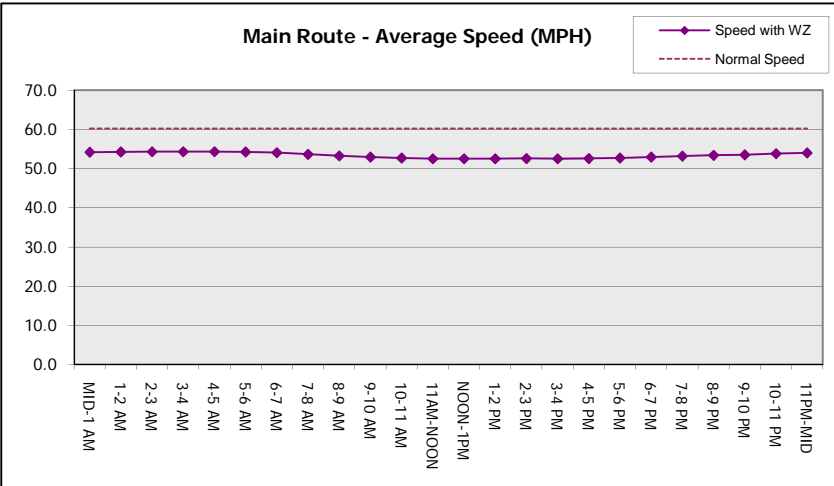
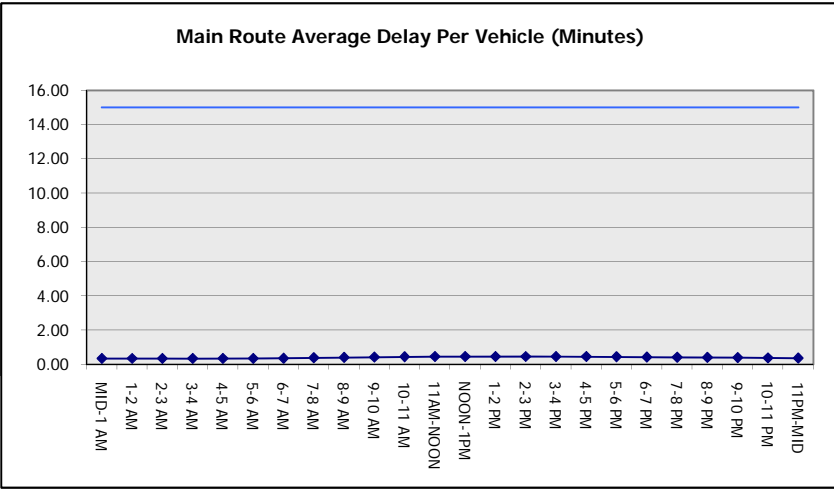
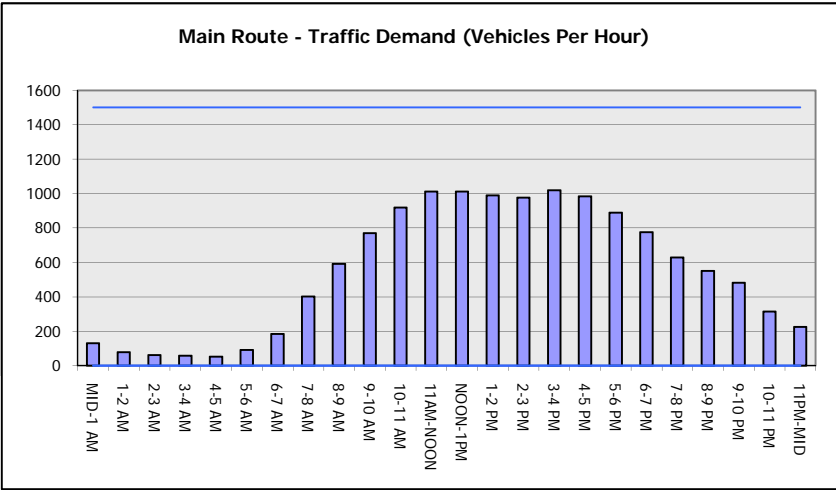
ROAD USER COSTS PER DAY	\$1,447
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY WESTBOUND DIRECTION



USH 12: CTH K TO USH 14 (DANE COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
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SUMMARY OF TRAFFIC MODEL OUTPUT

SATURDAY EASTBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR						AVERAGE SPEEDS IN MPH			
	MAIN ROUTE		SITE CAPA CITY	FLOW		AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		SITE
	DEMAND FLOW	PCT HEAVY		MAIN ROUTE	'DIVER TED'			WITHOUT WORK ZONE	WITH WORK ZONE	
MID-1 AM	158	0.0	1500	158	0	0.35	0	60.2	54.2	44.8
1-2 AM	100	0.0	1500	100	0	0.34	0	60.2	54.3	45.1
2-3 AM	68	0.0	1500	68	0	0.34	0	60.2	54.3	45.2
3-4 AM	45	0.0	1500	45	0	0.33	0	60.2	54.3	45.3
4-5 AM	62	0.0	1500	62	0	0.34	0	60.2	54.3	45.3
5-6 AM	94	0.0	1500	94	0	0.34	0	60.2	54.3	45.1
6-7 AM	223	0.0	1500	223	0	0.36	0	60.2	54.0	44.6
7-8 AM	383	0.0	1500	383	0	0.38	0	60.2	53.7	44.0
8-9 AM	644	0.0	1500	644	0	0.41	0	60.2	53.2	43.0
9-10 AM	805	0.0	1500	805	0	0.43	0	60.2	52.9	42.4
10-11 AM	966	0.0	1500	966	0	0.45	0	60.2	52.6	41.8
11AM-NOON	1004	0.0	1500	1004	0	0.45	0	60.2	52.5	41.7
NOON-1PM	1044	0.0	1500	1044	0	0.46	0	60.2	52.5	41.5
1-2 PM	1009	0.0	1500	1009	0	0.45	0	60.2	52.5	41.7
2-3 PM	964	0.0	1500	964	0	0.45	0	60.2	52.6	41.8
3-4 PM	932	0.0	1500	932	0	0.44	0	60.2	52.7	41.9
4-5 PM	888	0.0	1500	888	0	0.44	0	60.2	52.7	42.1
5-6 PM	828	0.0	1500	828	0	0.43	0	60.2	52.8	42.3
6-7 PM	729	0.0	1500	729	0	0.42	0	60.2	53.0	42.7
7-8 PM	609	0.0	1500	609	0	0.40	0	60.2	53.3	43.1
8-9 PM	512	0.0	1500	512	0	0.39	0	60.2	53.5	43.5
9-10 PM	429	0.0	1500	429	0	0.38	0	60.2	53.6	43.8
10-11 PM	325	0.0	1500	325	0	0.37	0	60.2	53.8	44.2
11PM-MID	221	0.0	1500	221	0	0.36	0	60.2	54.0	44.6

----- SITE BREAKDOWN DELAYS -----	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0.0
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

----- SITE ACCIDENT DELAYS -----	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0
AV BREAKDOWNS PER DAY	0
AV QUEUE DELAY/DAY (VEH-H)	0
AV TOTAL DELAY/DAY (VEH-H)	0

AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0064
MAIN ROUTE WITH WORKS	0.0056
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,426
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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SATURDAY EASTBOUND DIRECTION

