

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

SUNDAY 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	127	0.0	1500	127	0	0.34	0	60.2	54.2	45.0	
1-2 AM	80	0.0	1500	80	0	0.34	0	60.2	54.3	45.1	
2-3 AM	67	0.0	1500	67	0	0.34	0	60.2	54.3	45.2	
3-4 AM	38	0.0	1500	38	0	0.33	0	60.2	54.4	45.3	
4-5 AM	38	0.0	1500	38	0	0.33	0	60.2	54.4	45.3	
5-6 AM	52	0.0	1500	52	0	0.33	0	60.2	54.3	45.3	
6-7 AM	88	0.0	1500	88	0	0.34	0	60.2	54.3	45.1	
7-8 AM	205	0.0	1500	205	0	0.35	0	60.2	54.0	44.6	
8-9 AM	326	0.0	1500	326	0	0.37	0	60.2	53.8	44.2	
9-10 AM	474	0.0	1500	474	0	0.39	0	60.2	53.5	43.6	
10-11 AM	687	0.0	1500	687	0	0.41	0	60.2	53.1	42.8	
11AM-NOON	816	0.0	1500	816	0	0.43	0	60.2	52.9	42.4	
NOON-1PM	915	0.0	1500	915	0	0.44	0	60.2	52.7	42.0	
1-2 PM	883	0.0	1500	883	0	0.44	0	60.2	52.8	42.1	
2-3 PM	877	0.0	1500	877	0	0.44	0	60.2	52.8	42.1	
3-4 PM	932	0.0	1500	932	0	0.44	0	60.2	52.7	41.9	
4-5 PM	852	0.0	1500	852	0	0.43	0	60.2	52.8	42.2	
5-6 PM	744	0.0	1500	744	0	0.42	0	60.2	53.0	42.6	
6-7 PM	659	0.0	1500	659	0	0.41	0	60.2	53.2	42.9	
7-8 PM	507	0.0	1500	507	0	0.39	0	60.2	53.5	43.5	
8-9 PM	375	0.0	1500	375	0	0.37	0	60.2	53.7	44.0	
9-10 PM	276	0.0	1500	276	0	0.36	0	60.2	53.9	44.4	
10-11 PM	196	0.0	1500	196	0	0.35	0	60.2	54.1	44.7	
11PM-MID	113	0.0	1500	113	0	0.34	0	60.2	54.2	45.0	

----- 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	0.0051
MAIN ROUTE WITH WORKS	0.0044
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,107
CONGESTED HOURS PER DAY*	0

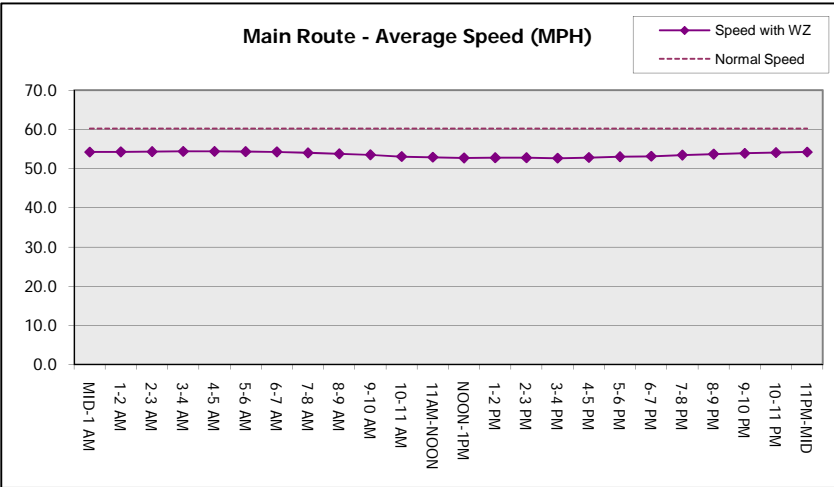
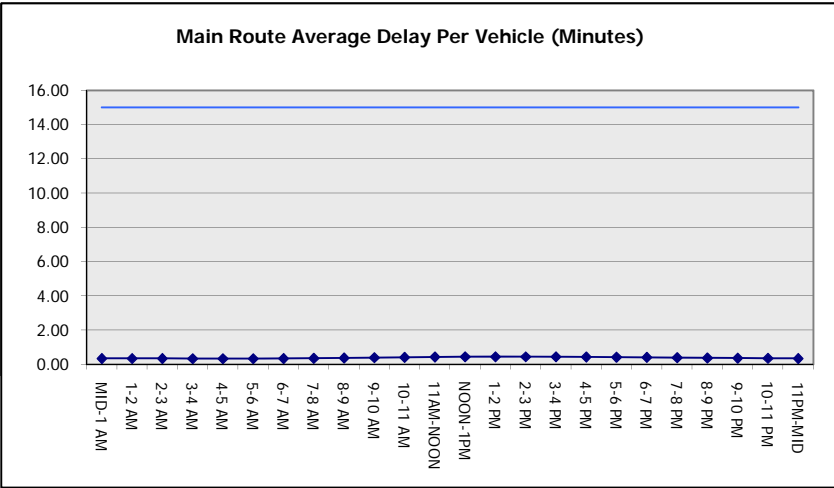
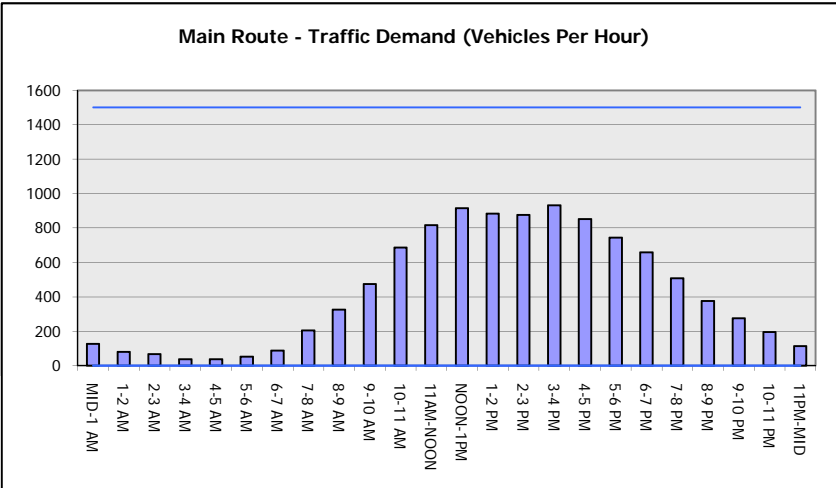
*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SUNDAY 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

SUNDAY 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	148	0.0	1500	148	0	0.35	0	60.2	54.2	44.9
1-2 AM	89	0.0	1500	89	0	0.34	0	60.2	54.3	45.1
2-3 AM	77	0.0	1500	77	0	0.34	0	60.2	54.3	45.2
3-4 AM	42	0.0	1500	42	0	0.33	0	60.2	54.3	45.3
4-5 AM	36	0.0	1500	36	0	0.33	0	60.2	54.4	45.3
5-6 AM	68	0.0	1500	68	0	0.34	0	60.2	54.3	45.2
6-7 AM	133	0.0	1500	133	0	0.34	0	60.2	54.2	45.0
7-8 AM	200	0.0	1500	200	0	0.35	0	60.2	54.0	44.7
8-9 AM	371	0.0	1500	371	0	0.37	0	60.2	53.7	44.0
9-10 AM	571	0.0	1500	571	0	0.40	0	60.2	53.3	43.2
10-11 AM	775	0.0	1500	775	0	0.42	0	60.2	53.0	42.5
11AM-NOON	910	0.0	1500	910	0	0.44	0	60.2	52.7	42.0
NOON-1PM	988	0.0	1500	988	0	0.45	0	60.2	52.6	41.7
1-2 PM	950	0.0	1500	950	0	0.45	0	60.2	52.7	41.9
2-3 PM	934	0.0	1500	934	0	0.44	0	60.2	52.7	41.9
3-4 PM	922	0.0	1500	922	0	0.44	0	60.2	52.7	42.0
4-5 PM	931	0.0	1500	931	0	0.44	0	60.2	52.7	41.9
5-6 PM	799	0.0	1500	799	0	0.43	0	60.2	52.9	42.4
6-7 PM	678	0.0	1500	678	0	0.41	0	60.2	53.2	42.8
7-8 PM	566	0.0	1500	566	0	0.40	0	60.2	53.3	43.3
8-9 PM	462	0.0	1500	462	0	0.39	0	60.2	53.5	43.7
9-10 PM	322	0.0	1500	322	0	0.37	0	60.2	53.8	44.2
10-11 PM	212	0.0	1500	212	0	0.35	0	60.2	54.0	44.6
11PM-MID	111	0.0	1500	111	0	0.34	0	60.2	54.2	45.0

----- 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	0.0056
MAIN ROUTE WITH WORKS	0.0048
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,229
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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SUNDAY EASTBOUND DIRECTION

