

IH 94: STH 73 TO STH 26 (DANE AND JEFFERSON COUNTIES) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 73 - USH 12 - USH 18 - STH 89	OCTOBER
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR WESTBOUND 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	139	0.0	19	0.0	1500	139	0	19	0.44	0	66.1	62.8	44.9	34.6	34.6
1-2 AM	103	0.0	14	0.0	1500	103	0	14	0.43	0	66.2	62.9	45.1	34.7	34.7
2-3 AM	95	0.0	13	0.0	1500	95	0	13	0.43	0	66.2	62.9	45.1	34.7	34.7
3-4 AM	92	0.0	13	0.0	1500	92	0	13	0.43	0	66.2	62.9	45.1	34.7	34.7
4-5 AM	156	0.0	21	0.0	1500	156	0	21	0.44	0	66.1	62.8	44.8	34.5	34.5
5-6 AM	356	0.0	47	0.0	1500	356	0	47	0.46	0	65.7	62.3	44.1	34.3	34.3
6-7 AM	794	0.0	106	0.0	1500	794	0	106	0.50	0	64.9	61.3	42.4	33.6	33.6
7-8 AM	1181	0.0	157	0.0	1500	1181	0	157	0.61	0	64.2	59.9	39.1	33.0	33.0
8-9 AM	1144	0.0	153	0.0	1500	1144	0	153	0.56	0	64.3	60.2	40.4	33.1	33.1
9-10 AM	1115	0.0	149	0.0	1500	1115	0	149	0.53	0	64.3	60.5	41.3	33.2	33.2
10-11 AM	1027	0.0	137	0.0	1500	1027	0	137	0.52	0	64.5	60.7	41.6	33.3	33.3
11A-NOON	968	0.0	129	0.0	1500	968	0	129	0.52	0	64.6	60.9	41.8	33.3	33.3
NOON-1PM	944	0.0	126	0.0	1500	944	0	126	0.51	0	64.6	60.9	41.9	33.4	33.4
1-2 PM	956	0.0	128	0.0	1500	956	0	128	0.51	0	64.6	60.9	41.9	33.3	33.3
2-3 PM	978	0.0	131	0.0	1500	978	0	131	0.52	0	64.6	60.9	41.7	33.3	33.3
3-4 PM	1108	0.0	148	0.0	1500	1108	0	148	0.53	0	64.3	60.5	41.3	33.2	33.2
4-5 PM	1299	0.0	173	0.0	1500	1299	0	173	0.76	0	64.0	58.7	35.5	32.9	32.9
5-6 PM	1220	0.0	162	0.0	1500	1220	0	162	0.66	0	64.1	59.5	37.8	33.0	33.0
6-7 PM	932	0.0	125	0.0	1500	932	0	125	0.51	0	64.6	60.9	41.9	33.4	33.4
7-8 PM	616	0.0	82	0.0	1500	616	0	82	0.48	0	65.3	61.7	43.1	33.9	33.9
8-9 PM	481	0.0	64	0.0	1500	481	0	64	0.47	0	65.5	62.0	43.6	34.1	34.1
9-10 PM	414	0.0	55	0.0	1500	414	0	55	0.46	0	65.6	62.2	43.8	34.2	34.2
10-11 PM	315	0.0	42	0.0	1500	315	0	42	0.45	0	65.8	62.4	44.2	34.3	34.3
11PM-MID	215	0.0	28	0.0	1500	215	0	28	0.44	0	66.0	62.7	44.6	34.5	34.5

----- 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	0.0241
MAIN ROUTE WITH WORKS	0.0230
DIVERSION	0.0657

PIA: Personal Injury Accidents

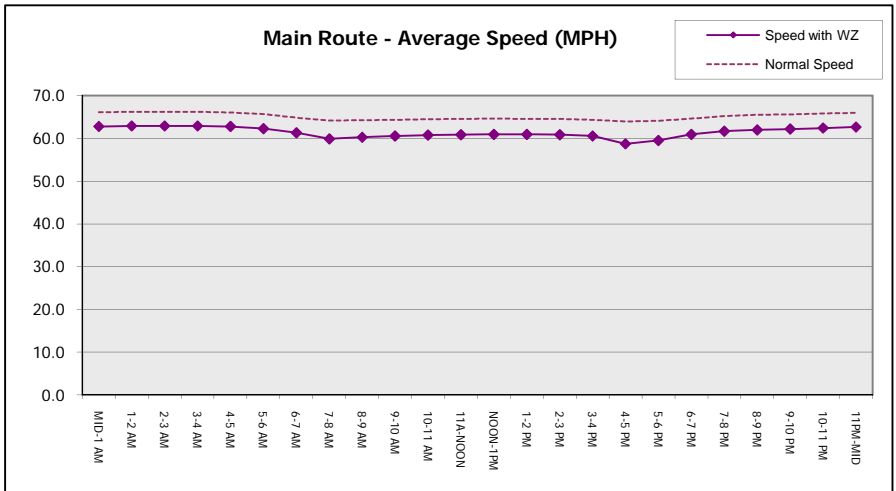
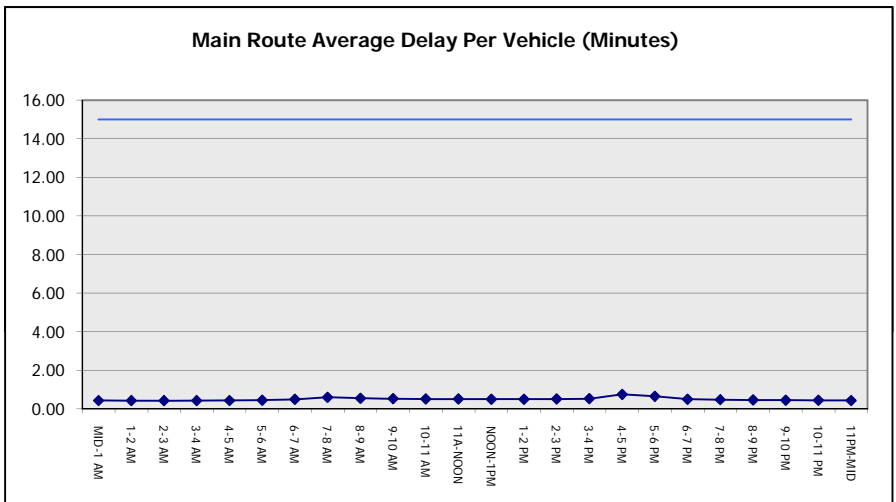
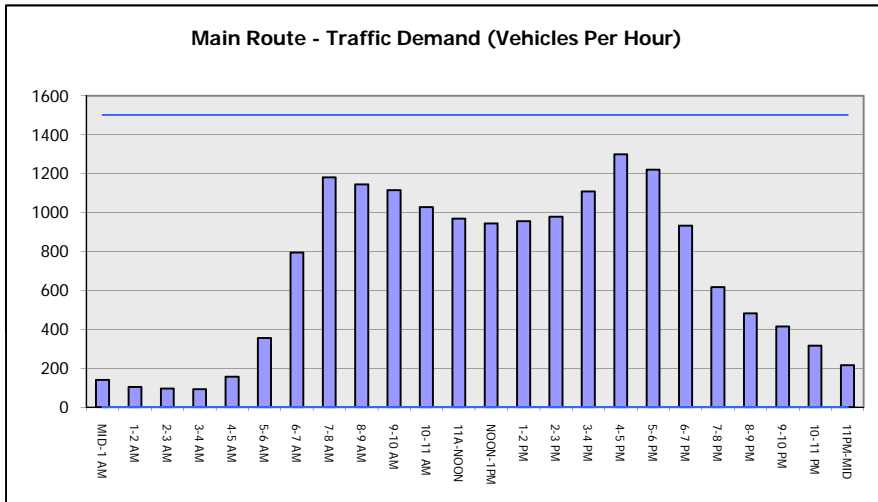
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,830
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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 CONTINUOUS (24 HOUR) CLOSURE
 DIVERSION ROUTE: STH 73 - USH 12 - USH 18 - STH 89**

OCTOBER
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 Construction Season

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



IH 94: STH 73 TO STH 26 (DANE AND JEFFERSON COUNTIES) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 73 - USH 12 - USH 18 - STH 89	OCTOBER
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SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR EASTBOUND 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	125	0.0	17	0.0	1500	125	0	17	0.43	0	66.1	62.8	45.0	34.6	34.6
1-2 AM	93	0.0	13	0.0	1500	93	0	13	0.43	0	66.2	62.9	45.1	34.7	34.7
2-3 AM	86	0.0	12	0.0	1500	86	0	12	0.43	0	66.2	62.9	45.1	34.7	34.7
3-4 AM	114	0.0	15	0.0	1500	114	0	15	0.43	0	66.2	62.8	45.0	34.6	34.6
4-5 AM	203	0.0	27	0.0	1500	203	0	27	0.44	0	66.0	62.7	44.6	34.5	34.5
5-6 AM	475	0.0	63	0.0	1500	475	0	63	0.47	0	65.5	62.0	43.6	34.1	34.1
6-7 AM	852	0.0	113	0.0	1500	852	0	113	0.50	0	64.8	61.1	42.2	33.5	33.5
7-8 AM	1118	0.0	149	0.0	1500	1118	0	149	0.53	0	64.3	60.5	41.3	33.2	33.2
8-9 AM	993	0.0	132	0.0	1500	993	0	132	0.52	0	64.5	60.8	41.7	33.3	33.3
9-10 AM	828	0.0	110	0.0	1500	828	0	110	0.50	0	64.8	61.2	42.3	33.6	33.6
10-11 AM	805	0.0	107	0.0	1500	805	0	107	0.50	0	64.9	61.2	42.4	33.6	33.6
11A-NOON	832	0.0	111	0.0	1500	832	0	111	0.50	0	64.8	61.2	42.3	33.5	33.5
NOON-1PM	883	0.0	117	0.0	1500	883	0	117	0.51	0	64.8	61.0	42.1	33.5	33.5
1-2 PM	974	0.0	130	0.0	1500	974	0	130	0.52	0	64.6	60.9	41.8	33.3	33.3
2-3 PM	1087	0.0	145	0.0	1500	1087	0	145	0.53	0	64.3	60.6	41.4	33.2	33.2
3-4 PM	1245	0.0	165	0.0	1500	1245	0	165	0.70	0	64.1	59.2	37.1	33.0	33.0
4-5 PM	1349	0.0	180	0.0	1500	1349	0	180	0.83	0	63.9	58.2	34.2	32.8	32.8
5-6 PM	1271	0.0	170	0.0	1500	1271	0	170	0.73	0	64.0	59.0	36.3	32.9	32.9
6-7 PM	939	0.0	125	0.0	1500	939	0	125	0.51	0	64.6	60.9	41.9	33.4	33.4
7-8 PM	650	0.0	87	0.0	1500	650	0	87	0.49	0	65.2	61.6	42.9	33.8	33.8
8-9 PM	518	0.0	69	0.0	1500	518	0	69	0.47	0	65.4	61.9	43.4	34.0	34.0
9-10 PM	415	0.0	55	0.0	1500	415	0	55	0.46	0	65.6	62.2	43.8	34.2	34.2
10-11 PM	309	0.0	41	0.0	1500	309	0	41	0.45	0	65.8	62.4	44.3	34.3	34.3
11PM-MID	197	0.0	26	0.0	1500	197	0	26	0.44	0	66.0	62.7	44.7	34.5	34.5

----- 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	0.0237
MAIN ROUTE WITH WORKS	0.0226
DIVERSION	0.0645

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,847
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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MON-THUR EASTBOUND DIRECTION

