

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

SUNDAY 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	221	0.0	29	0.0	1500	221	0	29	0.44	0	66.0	62.6	44.6	34.5	34.5
1-2 AM	113	0.0	15	0.0	1500	113	0	15	0.43	0	66.2	62.8	45.0	34.6	34.6
2-3 AM	80	0.0	10	0.0	1500	80	0	10	0.43	0	66.3	63.0	45.1	34.7	34.7
3-4 AM	64	0.0	8	0.0	1500	64	0	8	0.43	0	66.3	63.0	45.2	34.7	34.7
4-5 AM	84	0.0	12	0.0	1500	84	0	12	0.43	0	66.2	63.0	45.1	34.7	34.7
5-6 AM	116	0.0	16	0.0	1500	116	0	16	0.43	0	66.2	62.8	45.0	34.6	34.6
6-7 AM	200	0.0	26	0.0	1500	200	0	26	0.44	0	66.0	62.7	44.7	34.5	34.5
7-8 AM	325	0.0	43	0.0	1500	325	0	43	0.45	0	65.8	62.3	44.2	34.3	34.3
8-9 AM	558	0.0	74	0.0	1500	558	0	74	0.48	0	65.3	61.8	43.3	34.0	34.0
9-10 AM	882	0.0	117	0.0	1500	882	0	117	0.51	0	64.8	61.0	42.1	33.5	33.5
10-11 AM	1205	0.0	160	0.0	1500	1205	0	160	0.64	0	64.1	59.6	38.3	33.0	33.0
11A-NOON	1372	0.0	183	0.0	1500	1372	0	183	0.86	0	63.8	58.0	33.7	32.8	32.8
NOON-1PM	1390	0.0	185	0.0	1500	1390	0	185	0.88	0	63.8	57.8	33.2	32.7	32.7
1-2 PM	1401	0.0	186	0.0	1500	1401	0	186	0.90	0	63.8	57.8	33.0	32.7	32.7
2-3 PM	1359	0.0	181	0.0	1500	1359	0	181	0.84	0	63.8	58.1	34.0	32.8	32.8
3-4 PM	1330	0.0	177	0.0	1500	1330	0	177	0.80	0	63.9	58.4	34.7	32.9	32.9
4-5 PM	1402	0.0	187	0.0	1500	1402	0	187	0.90	0	63.8	57.7	32.9	32.7	32.7
5-6 PM	1286	0.0	172	0.0	1500	1286	0	172	0.75	0	64.0	58.8	35.9	32.9	32.9
6-7 PM	1059	0.0	141	0.0	1500	1059	0	141	0.52	0	64.4	60.7	41.5	33.2	33.2
7-8 PM	894	0.0	119	0.0	1500	894	0	119	0.51	0	64.7	61.0	42.0	33.5	33.5
8-9 PM	691	0.0	92	0.0	1500	691	0	92	0.49	0	65.1	61.5	42.8	33.8	33.8
9-10 PM	479	0.0	64	0.0	1500	479	0	64	0.47	0	65.5	62.0	43.6	34.1	34.1
10-11 PM	331	0.0	44	0.0	1500	331	0	44	0.45	0	65.8	62.3	44.2	34.3	34.3
11PM-MID	206	0.0	27	0.0	1500	206	0	27	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 (VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN (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 (VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN (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	0.0247
MAIN ROUTE WITH WORKS	0.0236
DIVERSION	0.0672

PIA: Personal Injury Accidents

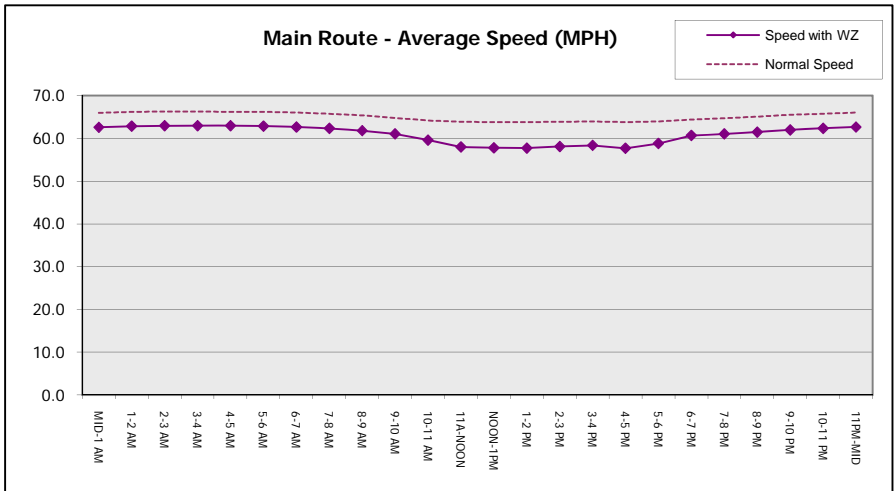
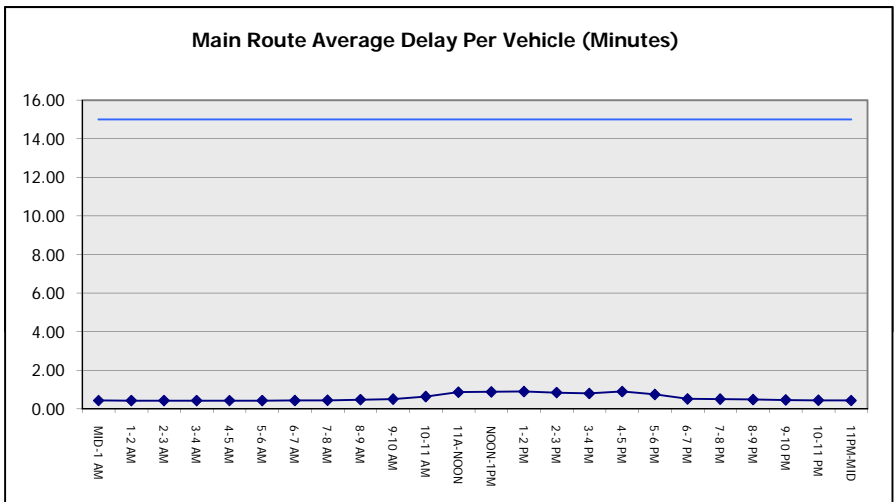
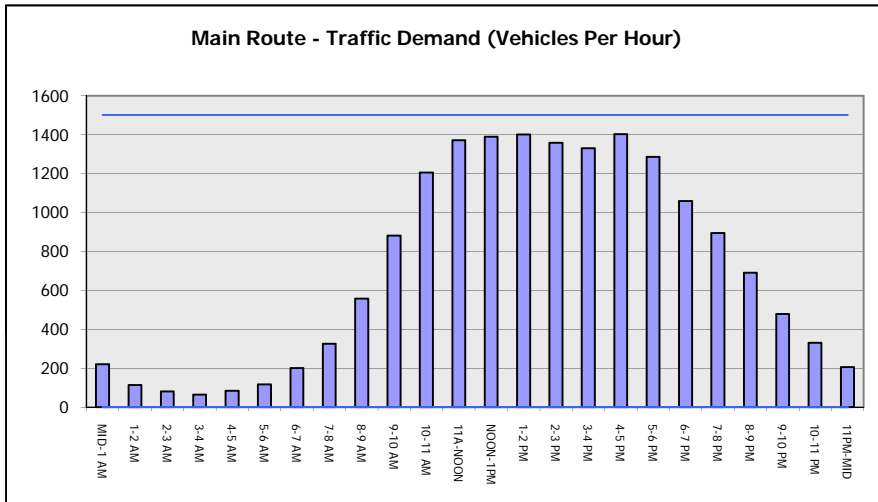
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$3,656
CONGESTED HOURS PER DAY*	0

*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
SUNDAY 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	
SUNDAY	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		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	195	0.0	26	0.0	1500	195	0	26	0.44	0	66.0	62.7	44.7	34.5	34.5
1-2 AM	137	0.0	18	0.0	1500	137	0	18	0.44	0	66.1	62.8	45.0	34.6	34.6
2-3 AM	111	0.0	15	0.0	1500	111	0	15	0.43	0	66.2	62.8	45.0	34.6	34.6
3-4 AM	90	0.0	13	0.0	1500	90	0	13	0.43	0	66.2	62.9	45.1	34.7	34.7
4-5 AM	81	0.0	10	0.0	1500	81	0	10	0.43	0	66.3	63.0	45.1	34.7	34.7
5-6 AM	109	0.0	15	0.0	1500	109	0	15	0.43	0	66.2	62.9	45.0	34.6	34.6
6-7 AM	152	0.0	20	0.0	1500	152	0	20	0.44	0	66.1	62.8	44.9	34.5	34.5
7-8 AM	236	0.0	31	0.0	1500	236	0	31	0.45	0	66.0	62.6	44.5	34.4	34.4
8-9 AM	479	0.0	64	0.0	1500	479	0	64	0.47	0	65.5	62.0	43.6	34.1	34.1
9-10 AM	793	0.0	106	0.0	1500	793	0	106	0.50	0	64.9	61.3	42.4	33.6	33.6
10-11 AM	1255	0.0	168	0.0	1499	1255	0	168	0.70	0	64.0	59.2	37.1	32.9	32.9
11A-NOON	1688	0.0	225	0.0	1499	1688	0	225	3.51	74	63.2	45.0	30.8	32.3	32.3
NOON-1PM	1871	0.0	249	0.0	1500	1871	0	249	13.92	366	62.9	24.2	30.8	32.0	32.0
1-2 PM	1913	0.0	254	0.0	1500	1913	0	254	28.78	762	62.8	14.6	30.8	32.0	32.0
2-3 PM	1959	0.0	261	0.0	1499	1750	209	470	42.31	1119	62.7	10.7	30.8	31.9	29.6
3-4 PM	2139	0.0	285	0.0	1499	1645	494	779	48.87	1295	62.4	9.5	30.8	31.7	26.3
4-5 PM	2302	0.0	307	0.0	1499	1638	664	970	54.01	1435	62.1	9.0	30.8	31.4	24.3
5-6 PM	2460	0.0	328	0.0	1499	1635	825	1152	59.75	1594	61.3	8.6	30.8	31.2	22.5
6-7 PM	1958	0.0	261	0.0	1499	1183	774	1035	56.12	1491	62.7	8.9	30.8	31.9	23.7
7-8 PM	1549	0.0	206	0.0	1499	1200	349	555	44.08	1165	63.5	10.4	30.8	32.5	28.7
8-9 PM	1221	0.0	162	0.0	1499	1221	0	162	34.56	907	64.1	12.7	30.8	33.0	33.0
9-10 PM	830	0.0	111	0.0	1499	830	0	111	14.73	433	64.8	23.6	35.3	33.5	33.5
10-11 PM	484	0.0	65	0.0	1500	484	0	65	0.56	2	65.5	61.4	43.5	34.1	34.1
11PM-MID	252	0.0	34	0.0	1500	252	0	34	0.45	0	65.9	62.5	44.5	34.4	34.4

----- 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
	#VALUE!

----- 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
	#VALUE!

AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0351
MAIN ROUTE WITH WORKS	0.0290
DIVERSION	0.1939

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$239,372
CONGESTED HOURS PER DAY*	8

*Delays Exceeding 15 Minutes

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SUNDAY EASTBOUND DIRECTION

