

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	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		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	183	0.0	24	0.0	1500	183	0	24	0.44	0	66.1	62.7	44.8	34.5	34.5
1-2 AM	104	0.0	14	0.0	1500	104	0	14	0.43	0	66.2	62.9	45.1	34.7	34.7
2-3 AM	77	0.0	10	0.0	1500	77	0	10	0.43	0	66.3	63.0	45.2	34.7	34.7
3-4 AM	71	0.0	9	0.0	1500	71	0	9	0.43	0	66.3	63.0	45.2	34.7	34.7
4-5 AM	80	0.0	10	0.0	1500	80	0	10	0.43	0	66.3	63.0	45.1	34.7	34.7
5-6 AM	173	0.0	23	0.0	1500	173	0	23	0.44	0	66.1	62.7	44.8	34.5	34.5
6-7 AM	281	0.0	38	0.0	1500	281	0	38	0.45	0	65.9	62.5	44.3	34.3	34.3
7-8 AM	510	0.0	68	0.0	1500	510	0	68	0.47	0	65.5	61.9	43.5	34.0	34.0
8-9 AM	778	0.0	104	0.0	1500	778	0	104	0.50	0	65.0	61.3	42.5	33.7	33.7
9-10 AM	1128	0.0	151	0.0	1500	1128	0	151	0.54	0	64.3	60.4	40.9	33.1	33.1
10-11 AM	1410	0.0	187	0.0	1499	1410	0	187	0.91	0	63.8	57.6	32.8	32.7	32.7
11A-NOON	1555	0.0	207	0.0	1499	1555	0	207	1.96	26	63.5	51.7	30.8	32.5	32.5
NOON-1PM	1451	0.0	194	0.0	1499	1451	0	194	2.33	36	63.7	50.1	31.1	32.7	32.7
1-2 PM	1384	0.0	184	0.0	1500	1384	0	184	0.88	0	63.8	57.8	33.3	32.7	32.7
2-3 PM	1315	0.0	175	0.0	1500	1315	0	175	0.79	0	64.0	58.6	35.1	32.9	32.9
3-4 PM	1308	0.0	174	0.0	1499	1308	0	174	0.78	0	64.0	58.6	35.3	32.9	32.9
4-5 PM	1509	0.0	201	0.0	1499	1509	0	201	1.19	5	63.6	55.8	31.0	32.6	32.6
5-6 PM	1562	0.0	208	0.0	1500	1562	0	208	3.41	65	63.5	45.5	30.8	32.5	32.5
6-7 PM	1068	0.0	142	0.0	1500	1068	0	142	0.87	9	64.4	58.4	40.4	33.2	33.2
7-8 PM	899	0.0	119	0.0	1500	899	0	119	0.51	0	64.7	61.0	42.0	33.5	33.5
8-9 PM	704	0.0	94	0.0	1500	704	0	94	0.49	0	65.1	61.5	42.7	33.7	33.7
9-10 PM	470	0.0	63	0.0	1500	470	0	63	0.47	0	65.5	62.0	43.6	34.1	34.1
10-11 PM	299	0.0	40	0.0	1500	299	0	40	0.45	0	65.8	62.4	44.3	34.3	34.3
11PM-MID	200	0.0	26	0.0	1500	200	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	0.0268
MAIN ROUTE WITH WORKS	0.0256
DIVERSION	0.0730

PIA: Personal Injury Accidents

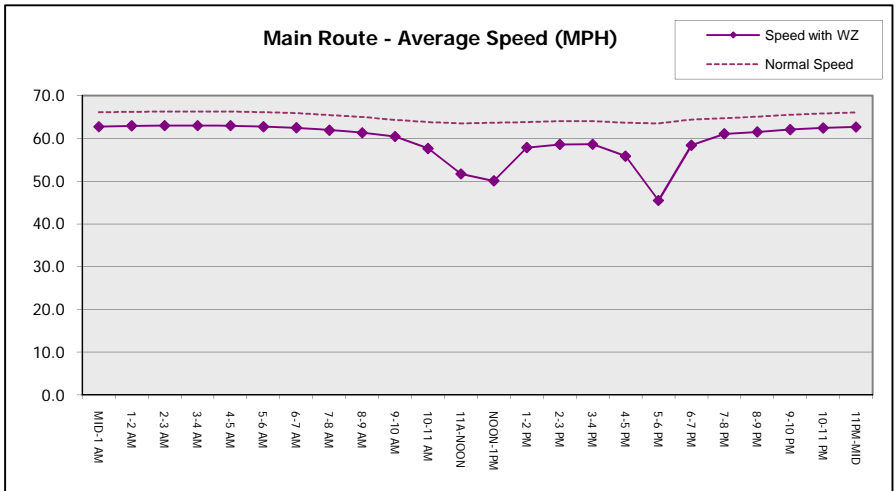
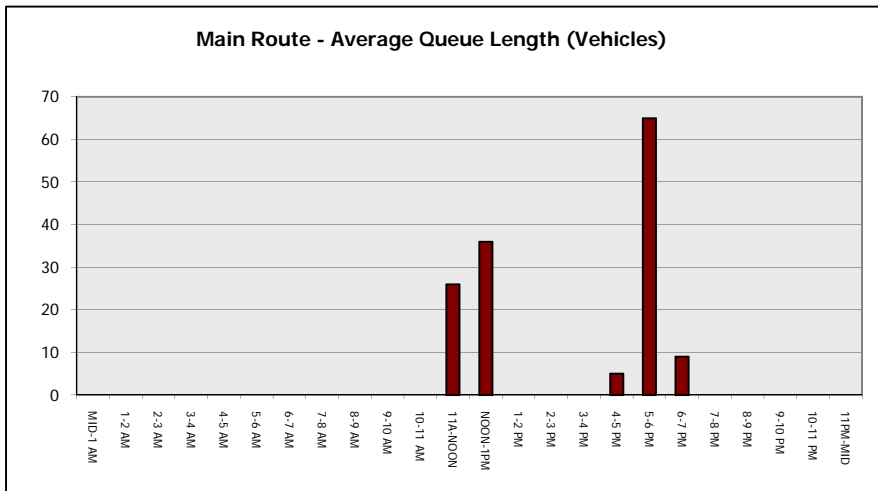
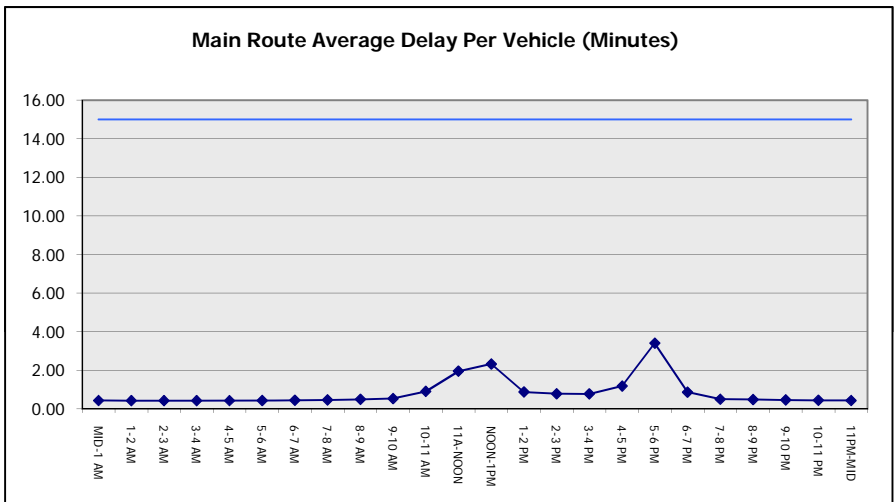
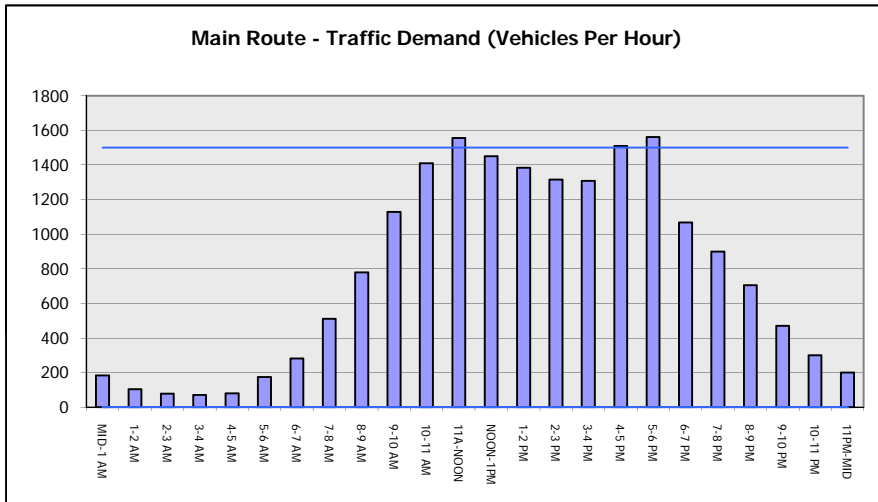
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$6,359
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

**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**

MAY
 Analyzed for 2009
 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	MAY
	Analyzed for 2009 Construction Season

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	178	0.0	24	0.0	1500	178	0	24	0.44	0	66.1	62.7	44.8	34.5	34.5
1-2 AM	110	0.0	15	0.0	1500	110	0	15	0.43	0	66.2	62.9	45.0	34.6	34.6
2-3 AM	87	0.0	12	0.0	1500	87	0	12	0.43	0	66.2	62.9	45.1	34.7	34.7
3-4 AM	65	0.0	8	0.0	1500	65	0	8	0.43	0	66.3	63.0	45.2	34.7	34.7
4-5 AM	83	0.0	12	0.0	1500	83	0	12	0.43	0	66.3	63.0	45.1	34.7	34.7
5-6 AM	119	0.0	16	0.0	1500	119	0	16	0.43	0	66.1	62.8	45.0	34.6	34.6
6-7 AM	194	0.0	26	0.0	1500	194	0	26	0.44	0	66.0	62.7	44.7	34.5	34.5
7-8 AM	340	0.0	45	0.0	1500	340	0	45	0.46	0	65.8	62.3	44.2	34.3	34.3
8-9 AM	584	0.0	77	0.0	1500	584	0	77	0.48	0	65.3	61.7	43.2	33.9	33.9
9-10 AM	1000	0.0	133	0.0	1499	1000	0	133	0.52	0	64.5	60.8	41.7	33.3	33.3
10-11 AM	1455	0.0	194	0.0	1499	1455	0	194	1.16	6	63.7	56.1	32.4	32.7	32.7
11A-NOON	1789	0.0	239	0.0	1500	1789	0	239	6.56	164	63.0	35.9	30.8	32.2	32.2
NOON-1PM	1685	0.0	224	0.0	1499	1685	0	224	16.05	410	63.2	22.1	30.8	32.3	32.3
1-2 PM	1729	0.0	230	0.0	1500	1729	0	230	23.52	612	63.2	17.0	30.8	32.2	32.2
2-3 PM	1770	0.0	235	0.0	1500	1770	0	235	32.83	863	63.1	13.2	30.8	32.2	32.2
3-4 PM	1752	0.0	233	0.0	1499	1617	135	369	40.52	1067	63.1	11.1	30.8	32.2	30.7
4-5 PM	1912	0.0	254	0.0	1499	1593	319	573	44.35	1171	62.8	10.3	30.8	32.0	28.5
5-6 PM	1771	0.0	235	0.0	1499	1425	346	581	44.55	1176	63.1	10.2	30.8	32.2	28.4
6-7 PM	1531	0.0	204	0.0	1499	1372	159	363	40.48	1065	63.5	11.1	30.8	32.5	30.8
7-8 PM	1412	0.0	188	0.0	1499	1405	7	195	37.08	972	63.8	12.0	30.8	32.7	32.7
8-9 PM	1023	0.0	136	0.0	1499	1023	0	136	26.33	695	64.5	15.7	30.9	33.3	33.3
9-10 PM	668	0.0	89	0.0	1499	668	0	89	3.42	123	65.1	46.3	41.7	33.8	33.8
10-11 PM	450	0.0	60	0.0	1500	450	0	60	0.47	0	65.6	62.1	43.7	34.1	34.1
11PM-MID	275	0.0	37	0.0	1500	275	0	37	0.45	0	65.9	62.5	44.4	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
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	0.0318
MAIN ROUTE WITH WORKS	0.0291
DIVERSION	0.1152

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$150,386
CONGESTED HOURS PER DAY*	9

*Delays Exceeding 15 Minutes

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

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SUNDAY EASTBOUND DIRECTION

