

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

SATURDAY 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	239	0.0	31	0.0	1500	239	0	31	0.45	0	66.0	62.6	44.5	34.4	34.4
1-2 AM	154	0.0	21	0.0	1500	154	0	21	0.44	0	66.1	62.8	44.9	34.5	34.5
2-3 AM	135	0.0	18	0.0	1500	135	0	18	0.44	0	66.1	62.8	45.0	34.6	34.6
3-4 AM	120	0.0	16	0.0	1500	120	0	16	0.43	0	66.1	62.8	45.0	34.6	34.6
4-5 AM	168	0.0	22	0.0	1500	168	0	22	0.44	0	66.1	62.7	44.8	34.5	34.5
5-6 AM	272	0.0	37	0.0	1500	272	0	37	0.45	0	65.9	62.5	44.4	34.4	34.4
6-7 AM	546	0.0	73	0.0	1500	546	0	73	0.48	0	65.4	61.9	43.3	34.0	34.0
7-8 AM	1355	0.0	180	0.0	1499	1355	0	180	1.19	13	63.8	56.1	36.0	32.8	32.8
8-9 AM	2544	0.0	339	0.0	1500	2544	0	339	17.33	545	60.4	20.7	30.8	31.1	31.1
9-10 AM	2268	0.0	303	0.0	1500	1792	476	779	48.88	1298	62.2	9.6	30.8	31.5	26.3
10-11 AM	1710	0.0	228	0.0	1500	1228	482	710	47.37	1254	63.2	9.7	30.8	32.3	27.0
11A-NOON	1417	0.0	188	0.0	1500	1333	84	273	38.91	1022	63.7	11.5	30.8	32.7	31.8
NOON-1PM	1335	0.0	178	0.0	1500	1335	0	178	33.25	869	63.9	13.0	30.8	32.9	32.9
1-2 PM	1293	0.0	173	0.0	1500	1293	0	173	26.28	683	64.0	15.6	30.8	32.9	32.9
2-3 PM	1244	0.0	165	0.0	1499	1244	0	165	17.49	450	64.1	21.0	30.8	33.0	33.0
3-4 PM	1262	0.0	169	0.0	1500	1262	0	169	8.15	202	64.0	32.7	31.4	32.9	32.9
4-5 PM	1246	0.0	166	0.0	1500	1246	0	167	1.21	14	64.1	56.1	36.3	33.0	33.0
5-6 PM	1088	0.0	146	0.0	1500	1088	0	146	0.53	0	64.3	60.6	41.4	33.2	33.2
6-7 PM	847	0.0	113	0.0	1500	847	0	113	0.50	0	64.8	61.2	42.2	33.5	33.5
7-8 PM	691	0.0	92	0.0	1500	691	0	92	0.49	0	65.1	61.5	42.8	33.8	33.8
8-9 PM	625	0.0	84	0.0	1500	625	0	84	0.48	0	65.2	61.7	43.0	33.8	33.8
9-10 PM	520	0.0	69	0.0	1500	520	0	69	0.47	0	65.4	61.9	43.4	34.0	34.0
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	351	0.0	47	0.0	1500	351	0	47	0.46	0	65.7	62.3	44.1	34.3	34.3

----- 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	0.0317
MAIN ROUTE WITH WORKS	0.0288
DIVERSION	0.1173

PIA: Personal Injury Accidents

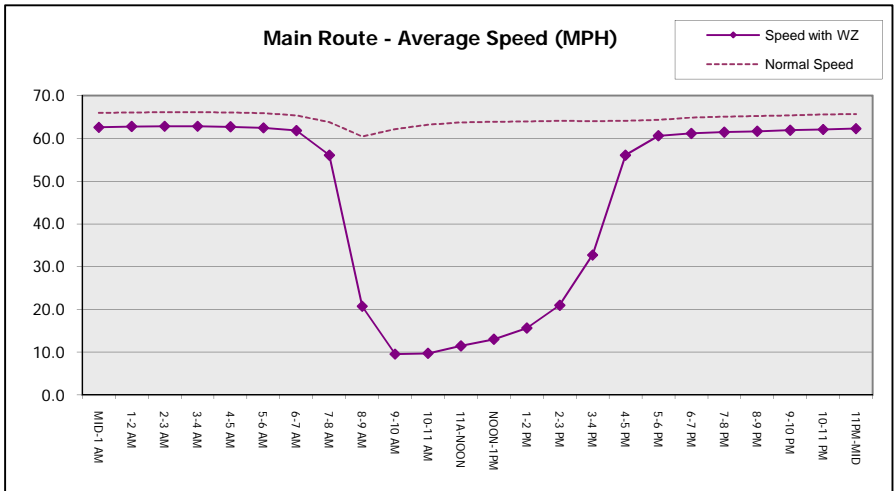
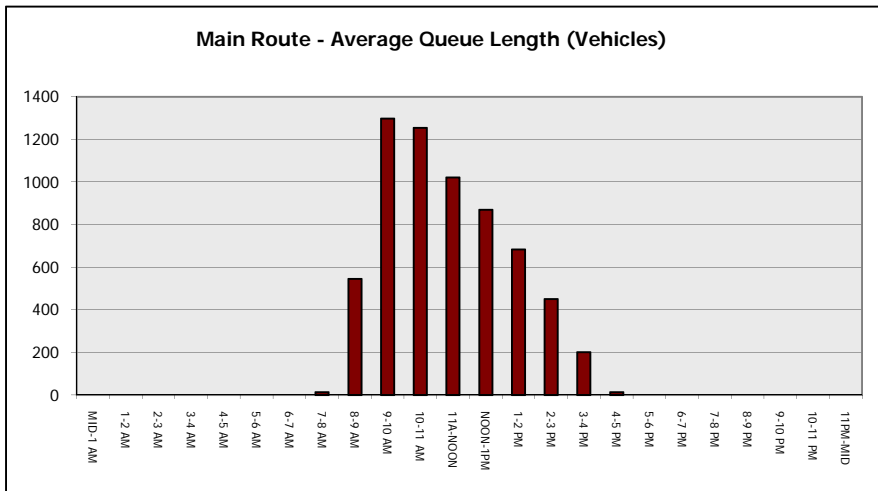
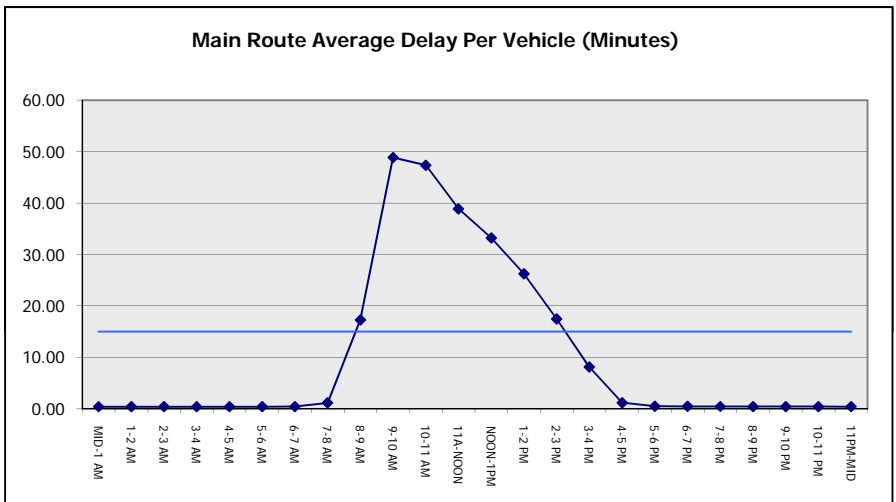
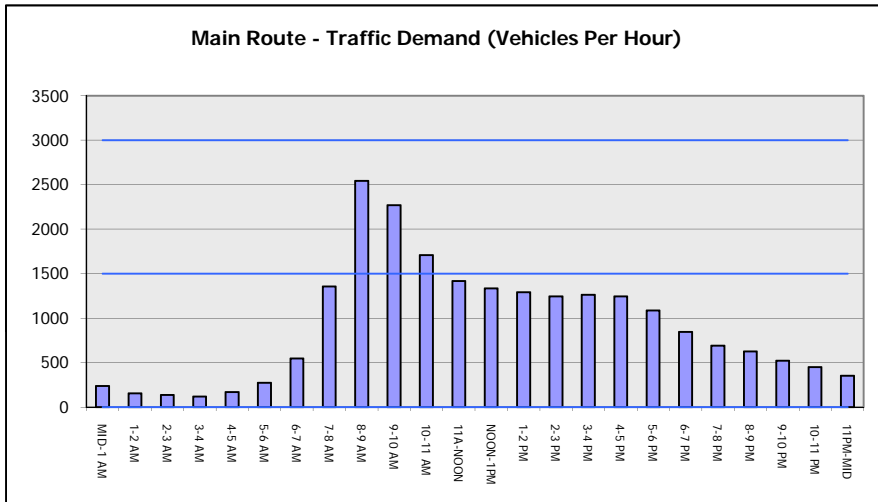
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$121,767
CONGESTED HOURS PER DAY*	7

*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**

OCTOBER
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY 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
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

SATURDAY 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	179	0.0	24	0.0	1500	179	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	90	0.0	12	0.0	1500	90	0	12	0.43	0	66.2	62.9	45.1	34.7	34.7
3-4 AM	112	0.0	15	0.0	1500	112	0	15	0.43	0	66.2	62.8	45.0	34.6	34.6
4-5 AM	121	0.0	16	0.0	1500	121	0	16	0.43	0	66.1	62.8	45.0	34.6	34.6
5-6 AM	206	0.0	27	0.0	1500	206	0	27	0.44	0	66.0	62.7	44.6	34.5	34.5
6-7 AM	273	0.0	37	0.0	1500	273	0	37	0.45	0	65.9	62.5	44.4	34.4	34.4
7-8 AM	439	0.0	59	0.0	1500	439	0	59	0.47	0	65.6	62.1	43.7	34.2	34.2
8-9 AM	675	0.0	90	0.0	1500	675	0	90	0.49	0	65.1	61.5	42.8	33.8	33.8
9-10 AM	852	0.0	113	0.0	1500	852	0	113	0.50	0	64.8	61.1	42.2	33.5	33.5
10-11 AM	1085	0.0	145	0.0	1500	1085	0	145	0.53	0	64.3	60.6	41.4	33.2	33.2
11A-NOON	1203	0.0	160	0.0	1500	1203	0	160	0.64	0	64.1	59.7	38.3	33.0	33.0
NOON-1PM	1234	0.0	164	0.0	1500	1234	0	164	0.68	0	64.1	59.4	37.4	33.0	33.0
1-2 PM	1308	0.0	175	0.0	1499	1308	0	175	0.78	0	64.0	58.6	35.3	32.9	32.9
2-3 PM	1673	0.0	223	0.0	1499	1673	0	223	2.98	59	63.3	47.1	30.8	32.4	32.4
3-4 PM	2176	0.0	290	0.0	1500	2176	0	290	17.50	494	62.3	20.8	30.8	31.6	31.6
4-5 PM	2217	0.0	295	0.0	1500	1981	236	531	43.43	1158	62.2	10.4	30.8	31.5	28.9
5-6 PM	1799	0.0	240	0.0	1500	1326	473	713	47.39	1254	63.0	9.7	30.8	32.2	27.0
6-7 PM	1410	0.0	187	0.0	1500	1285	125	312	39.64	1043	63.8	11.3	30.8	32.7	31.4
7-8 PM	1103	0.0	147	0.0	1500	1103	0	147	28.92	760	64.3	14.6	30.8	33.2	33.2
8-9 PM	834	0.0	111	0.0	1499	834	0	111	6.77	234	64.8	35.9	38.0	33.5	33.5
9-10 PM	685	0.0	91	0.0	1500	685	0	91	0.49	0	65.1	61.5	42.8	33.8	33.8
10-11 PM	633	0.0	85	0.0	1500	633	0	85	0.48	0	65.2	61.7	43.0	33.8	33.8
11PM-MID	338	0.0	45	0.0	1500	338	0	45	0.46	0	65.8	62.3	44.2	34.3	34.3

----- 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	0.0301
MAIN ROUTE WITH WORKS	0.0275
DIVERSION	0.1065

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$96,633
CONGESTED HOURS PER DAY*	5

*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**

OCTOBER
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY EASTBOUND DIRECTION

