

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	AUGUST
	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	316	0.0	42	0.0	1500	316	0	42	0.45	0	65.8	62.4	44.2	34.3	34.3
1-2 AM	171	0.0	23	0.0	1500	171	0	23	0.44	0	66.1	62.7	44.8	34.5	34.5
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	70	0.0	9	0.0	1500	70	0	9	0.43	0	66.3	63.0	45.2	34.7	34.7
4-5 AM	72	0.0	9	0.0	1500	72	0	9	0.43	0	66.3	63.0	45.2	34.7	34.7
5-6 AM	125	0.0	17	0.0	1500	125	0	17	0.43	0	66.1	62.8	45.0	34.6	34.6
6-7 AM	235	0.0	31	0.0	1500	235	0	31	0.45	0	66.0	62.6	44.5	34.4	34.4
7-8 AM	449	0.0	60	0.0	1500	449	0	60	0.47	0	65.6	62.1	43.7	34.1	34.1
8-9 AM	754	0.0	100	0.0	1500	754	0	100	0.50	0	65.0	61.4	42.5	33.7	33.7
9-10 AM	1144	0.0	153	0.0	1499	1144	0	153	0.61	0	64.3	60.0	39.3	33.1	33.1
10-11 AM	1572	0.0	209	0.0	1499	1572	0	209	1.67	19	63.5	53.1	30.9	32.5	32.5
11A-NOON	1818	0.0	242	0.0	1500	1818	0	242	8.98	230	63.0	30.9	30.8	32.1	32.1
NOON-1PM	1756	0.0	234	0.0	1499	1756	0	234	20.35	529	63.1	18.8	30.8	32.2	32.2
1-2 PM	1632	0.0	218	0.0	1499	1632	0	218	27.74	722	63.3	15.0	30.8	32.4	32.4
2-3 PM	1593	0.0	212	0.0	1500	1593	0	212	31.88	833	63.4	13.5	30.8	32.5	32.5
3-4 PM	1519	0.0	202	0.0	1500	1519	0	202	33.89	886	63.5	12.9	30.8	32.5	32.5
4-5 PM	1557	0.0	207	0.0	1500	1557	0	207	35.23	923	63.5	12.5	30.8	32.5	32.5
5-6 PM	1538	0.0	205	0.0	1500	1538	0	205	37.43	982	63.5	11.9	30.8	32.5	32.5
6-7 PM	1197	0.0	159	0.0	1500	1197	0	159	32.58	854	64.1	13.3	30.8	33.0	33.0
7-8 PM	1020	0.0	136	0.0	1499	1020	0	136	17.01	458	64.5	21.4	32.1	33.3	33.3
8-9 PM	850	0.0	113	0.0	1500	850	0	113	1.49	35	64.8	55.1	42.0	33.5	33.5
9-10 PM	622	0.0	83	0.0	1500	622	0	83	0.48	0	65.2	61.7	43.0	33.8	33.8
10-11 PM	446	0.0	60	0.0	1500	446	0	60	0.47	0	65.6	62.1	43.7	34.1	34.1
11PM-MID	288	0.0	39	0.0	1500	288	0	39	0.45	0	65.8	62.5	44.3	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	0.0302
MAIN ROUTE WITH WORKS	0.0288
DIVERSION	0.0822

PIA: Personal Injury Accidents

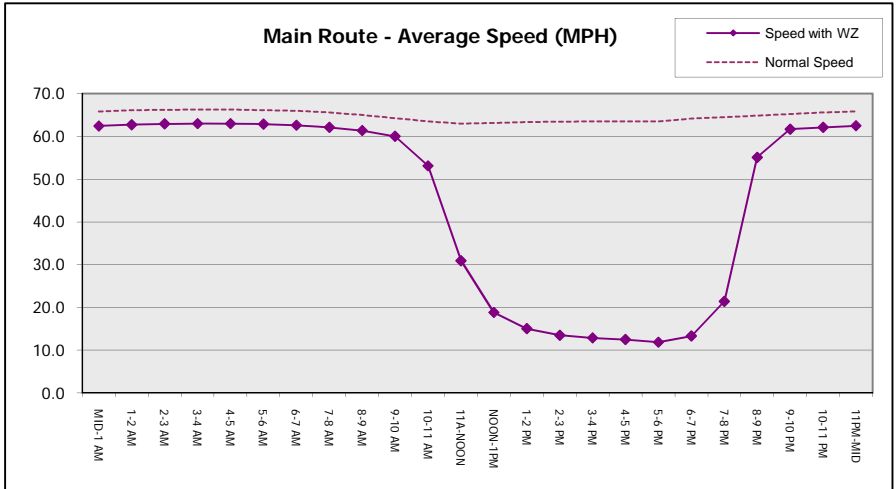
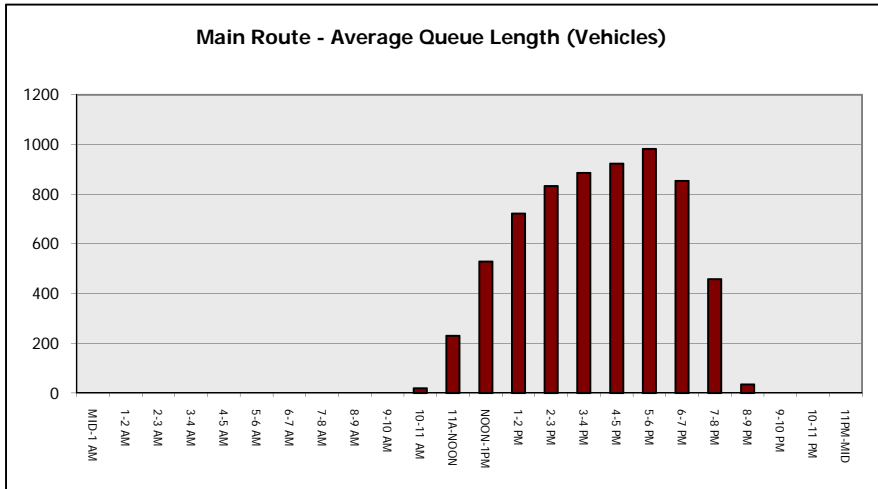
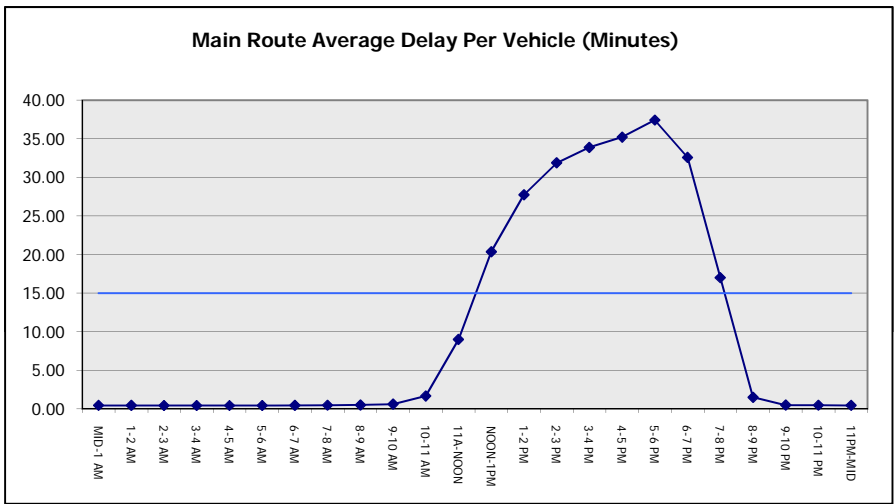
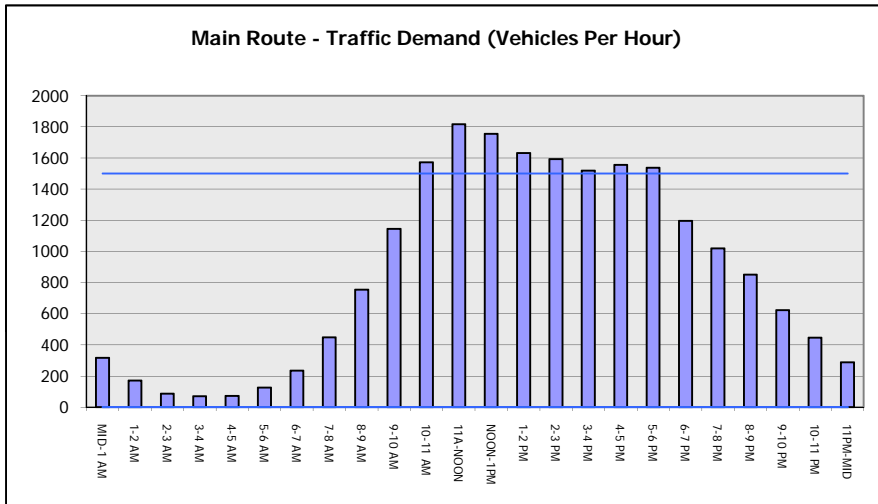
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$112,776
CONGESTED HOURS PER DAY*	8

*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

AUGUST
 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	AUGUST
	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		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	359	0.0	48	0.0	1500	359	0	48	0.46	0	65.7	62.3	44.0	34.3	34.3
1-2 AM	171	0.0	23	0.0	1500	171	0	23	0.44	0	66.1	62.7	44.8	34.5	34.5
2-3 AM	125	0.0	17	0.0	1500	125	0	17	0.43	0	66.1	62.8	45.0	34.6	34.6
3-4 AM	103	0.0	14	0.0	1500	103	0	14	0.43	0	66.2	62.9	45.1	34.7	34.7
4-5 AM	93	0.0	13	0.0	1500	93	0	13	0.43	0	66.2	62.9	45.1	34.7	34.7
5-6 AM	123	0.0	17	0.0	1500	123	0	17	0.43	0	66.1	62.8	45.0	34.6	34.6
6-7 AM	182	0.0	24	0.0	1500	182	0	24	0.44	0	66.1	62.7	44.8	34.5	34.5
7-8 AM	303	0.0	41	0.0	1500	303	0	41	0.45	0	65.8	62.4	44.3	34.3	34.3
8-9 AM	557	0.0	74	0.0	1500	557	0	74	0.48	0	65.3	61.9	43.3	34.0	34.0
9-10 AM	933	0.0	125	0.0	1499	933	0	125	0.51	0	64.6	60.9	41.9	33.4	33.4
10-11 AM	1428	0.0	190	0.0	1499	1428	0	190	1.09	5	63.7	56.5	33.0	32.7	32.7
11A-NOON	1853	0.0	247	0.0	1500	1853	0	247	6.96	180	62.9	34.9	30.8	32.0	32.0
NOON-1PM	1981	0.0	264	0.0	1500	1981	0	264	22.77	609	62.7	17.3	30.8	31.9	31.9
1-2 PM	2031	0.0	271	0.0	1500	1881	150	421	40.56	1076	62.6	11.1	30.8	31.8	30.2
2-3 PM	2193	0.0	292	0.0	1500	1665	529	821	49.91	1324	62.3	9.4	30.8	31.5	25.8
3-4 PM	2297	0.0	306	0.0	1500	1604	693	998	54.84	1457	62.1	8.9	30.8	31.4	24.0
4-5 PM	2281	0.0	303	0.0	1500	1519	762	1065	56.93	1514	62.2	8.8	30.8	31.4	23.3
5-6 PM	2349	0.0	313	0.0	1500	1545	804	1117	58.62	1560	62.0	8.7	30.8	31.4	22.9
6-7 PM	1986	0.0	265	0.0	1500	1263	723	988	54.64	1451	62.7	9.0	30.8	31.9	24.2
7-8 PM	1818	0.0	242	0.0	1500	1344	474	716	47.45	1255	63.0	9.7	30.8	32.1	27.0
8-9 PM	1479	0.0	197	0.0	1500	1296	182	379	40.77	1074	63.7	11.1	30.8	32.6	30.6
9-10 PM	1046	0.0	139	0.0	1500	1046	0	139	29.20	770	64.5	14.5	30.8	33.2	33.2
10-11 PM	670	0.0	89	0.0	1499	670	0	89	4.71	177	65.1	41.7	40.5	33.8	33.8
11PM-MID	345	0.0	46	0.0	1500	345	0	46	0.46	0	65.8	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	0.0387
MAIN ROUTE WITH WORKS	0.0310
DIVERSION	0.2331

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$281,519
CONGESTED HOURS PER DAY*	10

*Delays Exceeding 15 Minutes

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

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY EASTBOUND DIRECTION

