

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

FRIDAY 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	167	0.0	22	0.0	1500	167	0	22	0.44	0	66.1	62.7	44.8	34.5	34.5
1-2 AM	119	0.0	16	0.0	1500	119	0	16	0.43	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	125	0.0	17	0.0	1500	125	0	17	0.43	0	66.1	62.8	45.0	34.6	34.6
4-5 AM	199	0.0	26	0.0	1500	199	0	26	0.44	0	66.0	62.7	44.7	34.5	34.5
5-6 AM	493	0.0	66	0.0	1500	493	0	66	0.47	0	65.5	62.0	43.5	34.0	34.0
6-7 AM	923	0.0	122	0.0	1500	923	0	122	0.51	0	64.6	61.0	42.0	33.4	33.4
7-8 AM	1230	0.0	164	0.0	1500	1230	0	164	0.67	0	64.1	59.4	37.5	33.0	33.0
8-9 AM	1249	0.0	166	0.0	1500	1249	0	166	0.70	0	64.1	59.2	36.9	33.0	33.0
9-10 AM	1356	0.0	181	0.0	1500	1356	0	181	0.84	0	63.8	58.1	34.0	32.8	32.8
10-11 AM	1303	0.0	174	0.0	1500	1303	0	174	0.77	0	64.0	58.7	35.4	32.9	32.9
11A-NOON	1425	0.0	189	0.0	1500	1425	0	189	0.93	0	63.7	57.5	32.4	32.7	32.7
NOON-1PM	1446	0.0	193	0.0	1499	1446	0	193	0.95	0	63.7	57.3	31.9	32.7	32.7
1-2 PM	1581	0.0	210	0.0	1499	1581	0	210	2.14	31	63.5	50.8	30.8	32.5	32.5
2-3 PM	1731	0.0	230	0.0	1500	1731	0	230	7.61	187	63.2	33.6	30.8	32.2	32.2
3-4 PM	1886	0.0	251	0.0	1500	1886	0	251	18.67	493	62.8	19.9	30.8	32.0	32.0
4-5 PM	2111	0.0	282	0.0	1500	2027	84	365	36.52	975	62.5	12.0	30.8	31.7	30.8
5-6 PM	2086	0.0	278	0.0	1499	1588	498	776	48.81	1293	62.5	9.5	30.8	31.7	26.3
6-7 PM	1658	0.0	221	0.0	1499	1257	401	622	45.42	1201	63.3	10.1	30.8	32.4	27.9
7-8 PM	1050	0.0	140	0.0	1499	1041	9	149	32.79	866	64.5	13.2	30.8	33.2	33.2
8-9 PM	754	0.0	100	0.0	1499	754	0	100	7.34	262	65.0	34.7	38.1	33.7	33.7
9-10 PM	612	0.0	82	0.0	1500	612	0	82	0.48	0	65.3	61.7	43.1	33.9	33.9
10-11 PM	621	0.0	83	0.0	1500	621	0	83	0.48	0	65.2	61.7	43.0	33.8	33.8
11PM-MID	368	0.0	49	0.0	1500	368	0	49	0.46	0	65.7	62.3	44.0	34.2	34.2

----- 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	0.0356
MAIN ROUTE WITH WORKS	0.0326
DIVERSION	0.1264

PIA: Personal Injury Accidents

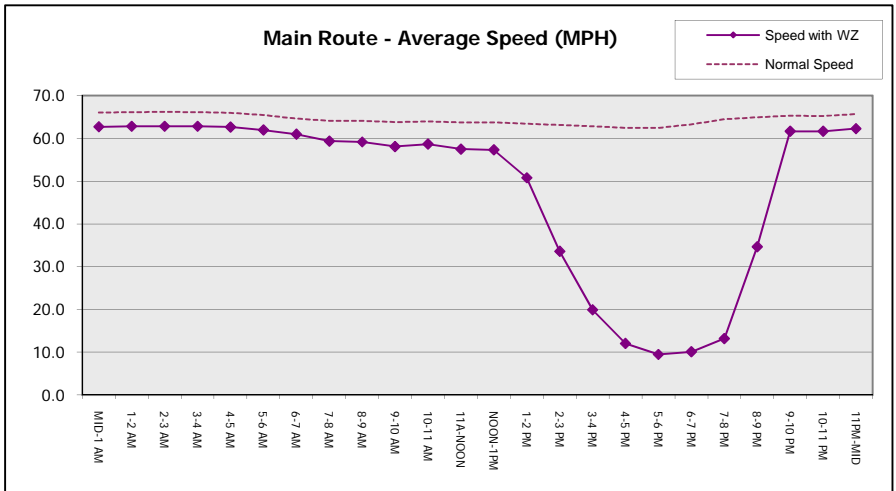
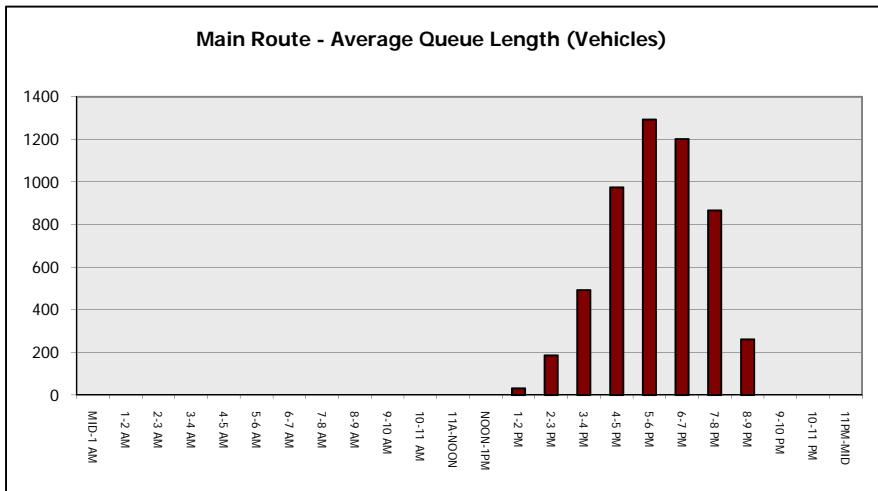
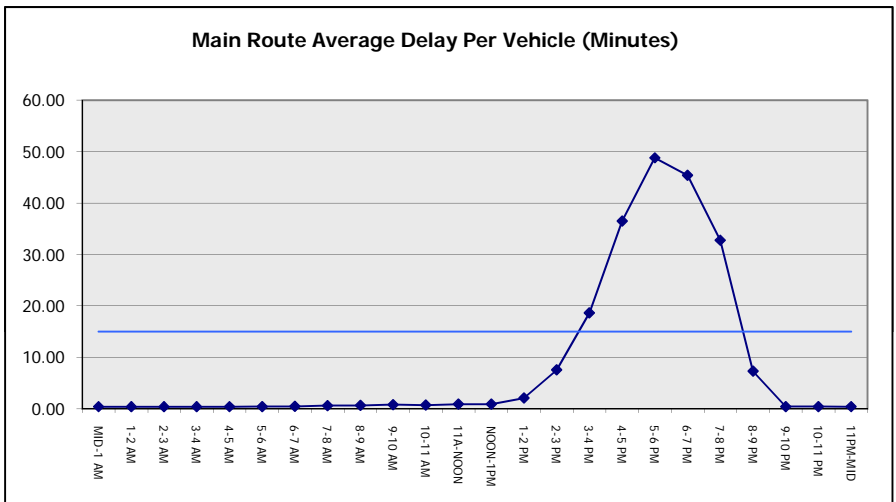
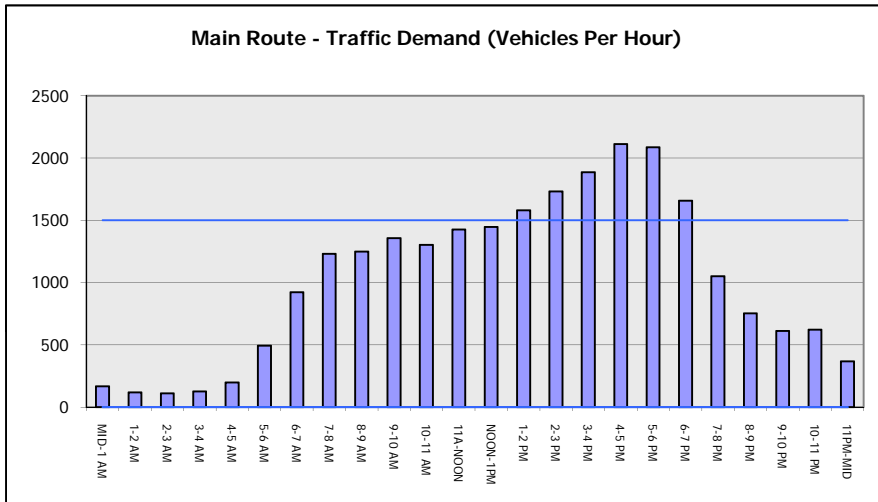
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$85,162
CONGESTED HOURS PER DAY*	5

*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**

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY 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
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SUMMARY OF TRAFFIC MODEL OUTPUT

FRIDAY 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	129	0.0	17	0.0	1500	129	0	17	0.43	0	66.1	62.8	45.0	34.6	34.6
1-2 AM	116	0.0	16	0.0	1500	116	0	16	0.43	0	66.2	62.8	45.0	34.6	34.6
2-3 AM	108	0.0	15	0.0	1500	108	0	15	0.43	0	66.2	62.9	45.1	34.6	34.6
3-4 AM	136	0.0	18	0.0	1500	136	0	18	0.44	0	66.1	62.8	45.0	34.6	34.6
4-5 AM	268	0.0	36	0.0	1500	268	0	36	0.45	0	65.9	62.5	44.4	34.4	34.4
5-6 AM	533	0.0	71	0.0	1500	533	0	71	0.47	0	65.4	61.9	43.4	34.0	34.0
6-7 AM	825	0.0	110	0.0	1500	825	0	110	0.50	0	64.8	61.2	42.3	33.6	33.6
7-8 AM	988	0.0	132	0.0	1500	988	0	132	0.52	0	64.5	60.8	41.7	33.3	33.3
8-9 AM	872	0.0	116	0.0	1500	872	0	116	0.51	0	64.8	61.1	42.1	33.5	33.5
9-10 AM	859	0.0	114	0.0	1500	859	0	114	0.51	0	64.8	61.1	42.2	33.5	33.5
10-11 AM	880	0.0	117	0.0	1500	880	0	117	0.51	0	64.8	61.0	42.1	33.5	33.5
11A-NOON	982	0.0	131	0.0	1500	982	0	131	0.52	0	64.6	60.9	41.7	33.3	33.3
NOON-1PM	1178	0.0	157	0.0	1500	1178	0	157	0.61	0	64.2	59.9	39.2	33.0	33.0
1-2 PM	1290	0.0	172	0.0	1500	1290	0	172	0.75	0	64.0	58.8	35.8	32.9	32.9
2-3 PM	1446	0.0	193	0.0	1499	1446	0	193	0.95	0	63.7	57.3	31.9	32.7	32.7
3-4 PM	1623	0.0	217	0.0	1499	1623	0	217	2.80	51	63.3	47.8	30.8	32.4	32.4
4-5 PM	1770	0.0	235	0.0	1500	1770	0	235	10.17	258	63.1	29.0	30.8	32.2	32.2
5-6 PM	1608	0.0	215	0.0	1499	1608	0	215	18.24	466	63.4	20.3	30.8	32.4	32.4
6-7 PM	1149	0.0	153	0.0	1499	1149	0	153	13.20	347	64.3	25.2	32.2	33.1	33.1
7-8 PM	904	0.0	120	0.0	1500	904	0	120	1.10	20	64.7	57.2	41.9	33.5	33.5
8-9 PM	799	0.0	107	0.0	1500	799	0	107	0.50	0	64.9	61.2	42.4	33.6	33.6
9-10 PM	645	0.0	86	0.0	1500	645	0	86	0.48	0	65.2	61.6	43.0	33.8	33.8
10-11 PM	498	0.0	66	0.0	1500	498	0	66	0.47	0	65.5	62.0	43.5	34.0	34.0
11PM-MID	305	0.0	41	0.0	1500	305	0	41	0.45	0	65.8	62.4	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	0.0288
MAIN ROUTE WITH WORKS	0.0275
DIVERSION	0.0785

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$18,156
CONGESTED HOURS PER DAY*	1

*Delays Exceeding 15 Minutes

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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

