

**IH 94: STH 26 TO STH 67 (JEFFERSON AND WAUKESHA COUNTIES)
CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: STH 26 - USH 18 - STH 67**

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	191	0.0	23	0.0	1500	191	0	23	0.44	0	66.0	64.0	44.7	44.4	44.4
1-2 AM	137	0.0	16	0.0	1500	137	0	16	0.44	0	66.1	64.1	45.0	44.5	44.5
2-3 AM	127	0.0	15	0.0	1500	127	0	15	0.43	0	66.1	64.1	45.0	44.5	44.5
3-4 AM	142	0.0	17	0.0	1500	142	0	17	0.44	0	66.1	64.1	44.9	44.5	44.5
4-5 AM	227	0.0	27	0.0	1500	227	0	27	0.44	0	66.0	63.9	44.6	44.3	44.3
5-6 AM	562	0.0	66	0.0	1500	562	0	66	0.48	0	65.3	63.2	43.3	43.8	43.8
6-7 AM	1052	0.0	124	0.0	1500	1052	0	124	0.52	0	64.4	62.1	41.5	42.9	42.9
7-8 AM	1401	0.0	165	0.0	1500	1401	0	165	0.90	0	63.8	60.0	33.0	42.4	42.4
8-9 AM	1425	0.0	168	0.0	1499	1425	0	168	0.93	0	63.7	59.8	32.4	42.3	42.3
9-10 AM	1545	0.0	182	0.0	1499	1545	0	182	1.78	20	63.5	56.4	30.8	42.1	42.1
10-11 AM	1486	0.0	175	0.0	1499	1486	0	175	2.36	35	63.6	54.5	30.8	42.2	42.2
11A-NOON	1624	0.0	191	0.0	1500	1624	0	191	4.19	88	63.3	48.9	30.8	42.0	42.0
NOON-1PM	1649	0.0	195	0.0	1499	1649	0	195	9.20	224	63.3	38.4	30.8	41.9	41.9
1-2 PM	1802	0.0	212	0.0	1500	1802	0	212	17.13	444	63.0	28.6	30.8	41.7	41.7
2-3 PM	1973	0.0	232	0.0	1499	1789	184	417	29.59	779	62.7	20.5	30.8	41.4	38.8
3-4 PM	2150	0.0	253	0.0	1499	1630	520	773	36.30	959	62.3	17.8	30.8	41.1	33.7
4-5 PM	2405	0.0	283	0.0	1499	1671	735	1018	42.04	1117	61.9	15.9	30.8	40.7	30.2
5-6 PM	2378	0.0	280	0.0	1499	1508	871	1151	45.84	1219	62.0	14.9	30.8	40.7	28.3
6-7 PM	1889	0.0	223	0.0	1499	1185	703	926	39.92	1058	62.8	16.6	30.8	41.5	31.5
7-8 PM	1196	0.0	141	0.0	1499	1066	130	271	25.59	672	64.1	22.7	30.8	42.7	40.9
8-9 PM	860	0.0	101	0.0	1499	860	0	101	5.66	175	64.8	46.0	38.8	43.3	43.3
9-10 PM	698	0.0	83	0.0	1500	698	0	83	0.49	0	65.1	62.8	42.8	43.5	43.5
10-11 PM	707	0.0	84	0.0	1500	707	0	84	0.49	0	65.1	62.8	42.7	43.5	43.5
11PM-MID	420	0.0	49	0.0	1500	420	0	49	0.46	0	65.6	63.5	43.8	44.0	44.0

----- 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	0.0670
MAIN ROUTE WITH WORKS	0.0578
DIVERSION	0.0677

PIA: Personal Injury Accidents

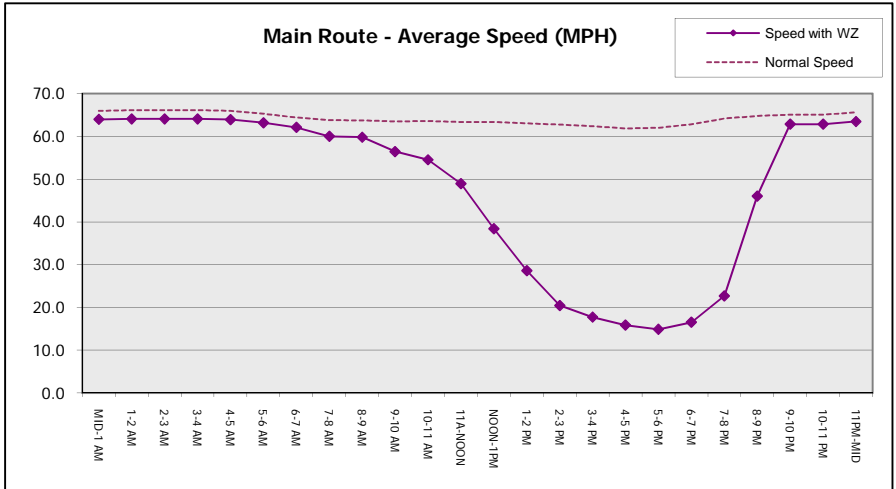
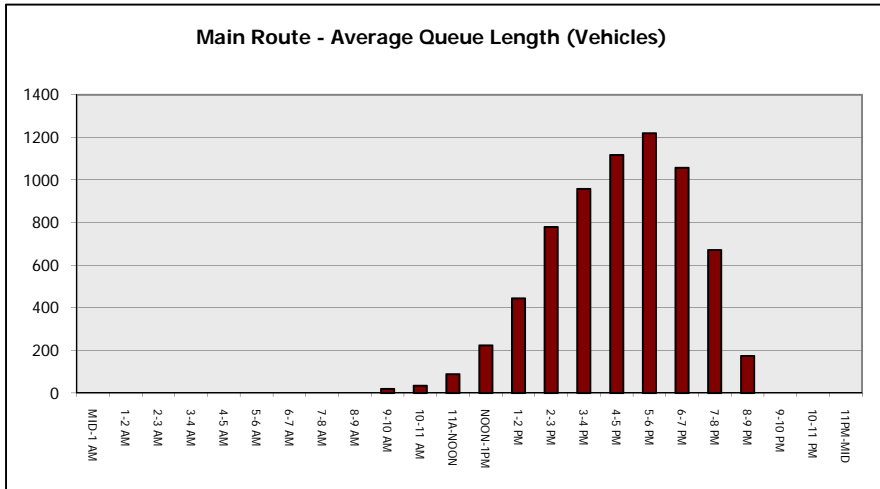
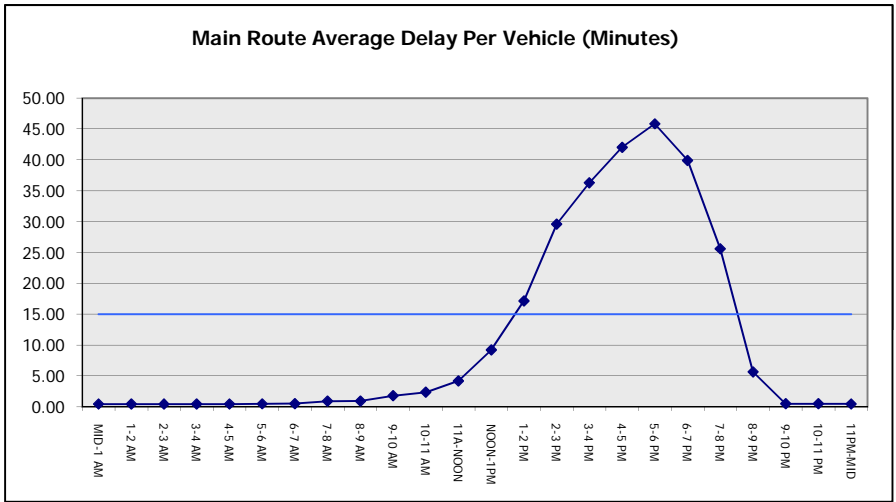
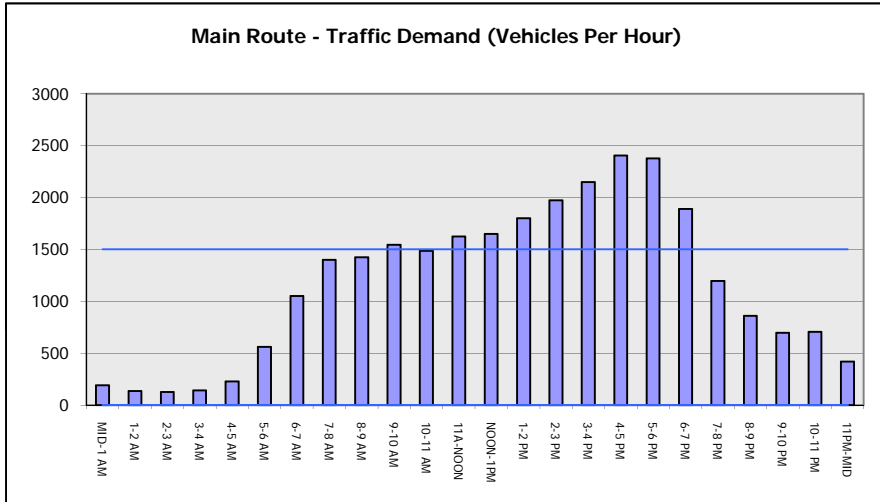
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$130,866
CONGESTED HOURS PER DAY*	7

*Delays Exceeding 15 Minutes

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 CONTINUOUS (24 HOUR) CLOSURE
 DIVERSION ROUTE: STH 26 - USH 18 - STH 67**

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY WESTBOUND DIRECTION



IH 94: STH 26 TO STH 67 (JEFFERSON AND WAUKESHA COUNTIES) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 26 - USH 18 - STH 67	MAY
	Analyzed for 2009 Construction Season

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	148	0.0	18	0.0	1500	148	0	18	0.44	0	66.1	64.0	44.9	44.5	44.5
1-2 AM	132	0.0	16	0.0	1500	132	0	16	0.44	0	66.1	64.1	45.0	44.5	44.5
2-3 AM	122	0.0	15	0.0	1500	122	0	15	0.43	0	66.1	64.1	45.0	44.5	44.5
3-4 AM	155	0.0	18	0.0	1500	155	0	18	0.44	0	66.1	64.0	44.8	44.5	44.5
4-5 AM	306	0.0	36	0.0	1500	306	0	36	0.45	0	65.8	63.7	44.3	44.2	44.2
5-6 AM	607	0.0	71	0.0	1500	607	0	71	0.48	0	65.3	63.0	43.1	43.7	43.7
6-7 AM	940	0.0	111	0.0	1500	940	0	111	0.51	0	64.6	62.3	41.9	43.2	43.2
7-8 AM	1126	0.0	133	0.0	1500	1126	0	133	0.54	0	64.3	61.9	41.0	42.8	42.8
8-9 AM	994	0.0	117	0.0	1500	994	0	117	0.52	0	64.5	62.2	41.7	43.0	43.0
9-10 AM	979	0.0	115	0.0	1500	979	0	115	0.52	0	64.6	62.2	41.7	43.1	43.1
10-11 AM	1003	0.0	118	0.0	1500	1003	0	118	0.52	0	64.5	62.2	41.7	43.0	43.0
11A-NOON	1120	0.0	132	0.0	1500	1120	0	132	0.53	0	64.3	61.9	41.2	42.8	42.8
NOON-1PM	1342	0.0	158	0.0	1499	1342	0	158	0.82	0	63.9	60.4	34.4	42.5	42.5
1-2 PM	1471	0.0	174	0.0	1499	1471	0	174	1.02	1	63.7	59.4	31.5	42.2	42.2
2-3 PM	1648	0.0	195	0.0	1500	1648	0	195	3.35	66	63.3	51.2	30.8	41.9	41.9
3-4 PM	1850	0.0	219	0.0	1500	1850	0	219	12.18	315	63.0	34.0	30.8	41.6	41.6
4-5 PM	2017	0.0	237	0.0	1500	1878	139	376	27.39	725	62.6	21.5	30.8	41.4	39.4
5-6 PM	1833	0.0	217	0.0	1499	1443	391	607	33.11	869	63.0	19.0	30.8	41.6	36.1
6-7 PM	1309	0.0	155	0.0	1499	1215	94	248	26.20	682	64.0	22.4	30.8	42.5	41.2
7-8 PM	1031	0.0	121	0.0	1499	1031	0	121	11.67	316	64.5	35.1	34.0	43.0	43.0
8-9 PM	912	0.0	108	0.0	1500	912	0	108	0.66	4	64.7	61.7	42.0	43.2	43.2
9-10 PM	736	0.0	87	0.0	1500	736	0	87	0.49	0	65.0	62.8	42.6	43.5	43.5
10-11 PM	568	0.0	67	0.0	1500	568	0	67	0.48	0	65.3	63.2	43.2	43.8	43.8
11PM-MID	347	0.0	41	0.0	1500	347	0	41	0.46	0	65.8	63.6	44.1	44.2	44.2

----- 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	0.0542
MAIN ROUTE WITH WORKS	0.0512
DIVERSION	0.0347

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$49,772
CONGESTED HOURS PER DAY*	3

*Delays Exceeding 15 Minutes

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FRIDAY EASTBOUND DIRECTION

