

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

OCTOBER
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	177	0.0	21	0.0	1500	177	0	21	0.44	0	66.1	64.0	44.8	44.4	44.4
1-2 AM	130	0.0	15	0.0	1500	130	0	15	0.44	0	66.1	64.1	45.0	44.5	44.5
2-3 AM	122	0.0	14	0.0	1500	122	0	14	0.43	0	66.1	64.1	45.0	44.5	44.5
3-4 AM	111	0.0	13	0.0	1500	111	0	13	0.43	0	66.2	64.1	45.0	44.5	44.5
4-5 AM	207	0.0	24	0.0	1500	207	0	24	0.44	0	66.0	63.9	44.6	44.3	44.3
5-6 AM	410	0.0	48	0.0	OFF	410	0	48	0.00	0	65.6	65.6	65.6	44.0	44.0
6-7 AM	919	0.0	108	0.0	OFF	919	0	108	0.00	0	64.6	64.6	64.6	43.2	43.2
7-8 AM	1308	0.0	154	0.0	OFF	1308	0	154	0.00	0	64.0	64.0	64.0	42.5	42.5
8-9 AM	1398	0.0	165	0.0	OFF	1398	0	165	0.00	0	63.8	63.8	63.8	42.4	42.4
9-10 AM	1501	0.0	177	0.0	OFF	1501	0	177	0.00	0	63.6	63.6	63.6	42.2	42.2
10-11 AM	1558	0.0	184	0.0	OFF	1558	0	184	0.00	0	63.5	63.5	63.5	42.1	42.1
11A-NOON	1588	0.0	187	0.0	OFF	1588	0	187	0.00	0	63.4	63.4	63.4	42.0	42.0
NOON-1PM	1638	0.0	193	0.0	OFF	1638	0	193	0.00	0	63.3	63.3	63.3	42.0	42.0
1-2 PM	1833	0.0	216	0.0	OFF	1833	0	216	0.00	0	63.0	63.0	63.0	41.6	41.6
2-3 PM	1943	0.0	229	0.0	OFF	1943	0	229	0.00	0	62.8	62.8	62.8	41.4	41.4
3-4 PM	2148	0.0	253	0.0	OFF	2148	0	253	0.00	0	62.4	62.4	62.4	41.1	41.1
4-5 PM	2325	0.0	274	0.0	OFF	2325	0	274	0.00	0	62.0	62.0	62.0	40.8	40.8
5-6 PM	2204	0.0	260	0.0	OFF	2204	0	260	0.00	0	62.3	62.3	62.3	41.0	41.0
6-7 PM	2367	0.0	279	0.0	OFF	2367	0	279	0.00	0	62.0	62.0	62.0	40.7	40.7
7-8 PM	1536	0.0	181	0.0	1499	1536	0	181	3.33	63	63.5	51.4	31.2	42.1	42.1
8-9 PM	911	0.0	107	0.0	1500	911	0	107	0.56	1	64.7	62.2	42.0	43.2	43.2
9-10 PM	710	0.0	84	0.0	1500	710	0	84	0.49	0	65.1	62.8	42.7	43.5	43.5
10-11 PM	570	0.0	67	0.0	1500	570	0	67	0.48	0	65.3	63.2	43.2	43.8	43.8
11PM-MID	395	0.0	47	0.0	1500	395	0	47	0.46	0	65.6	63.5	43.9	44.0	44.0

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

----- 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	0.0669
MAIN ROUTE WITH WORKS	0.0665
DIVERSION	0.0347

PIA: Personal Injury Accidents

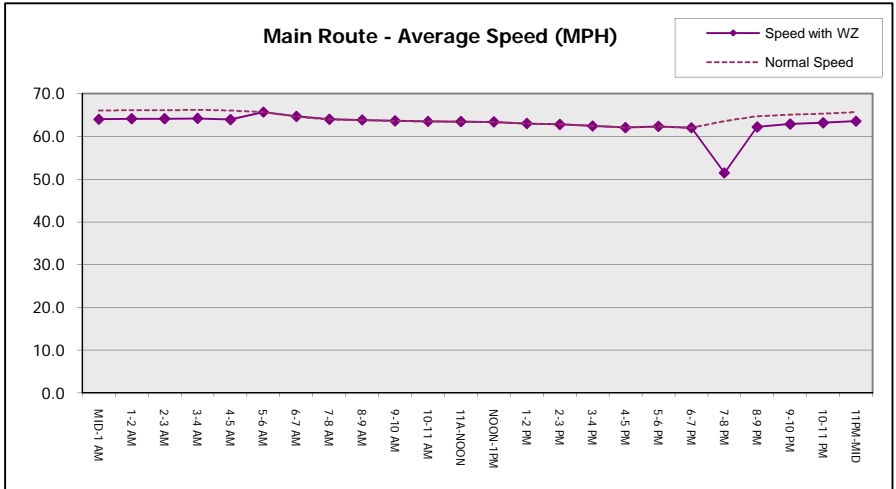
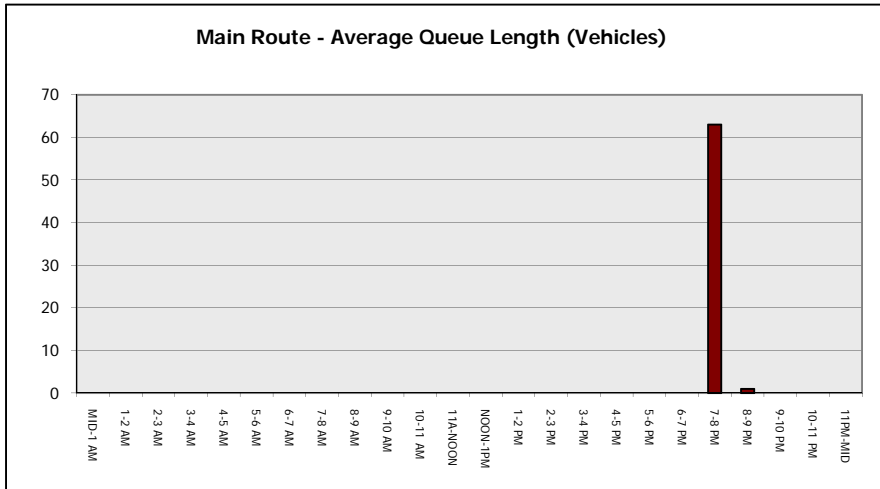
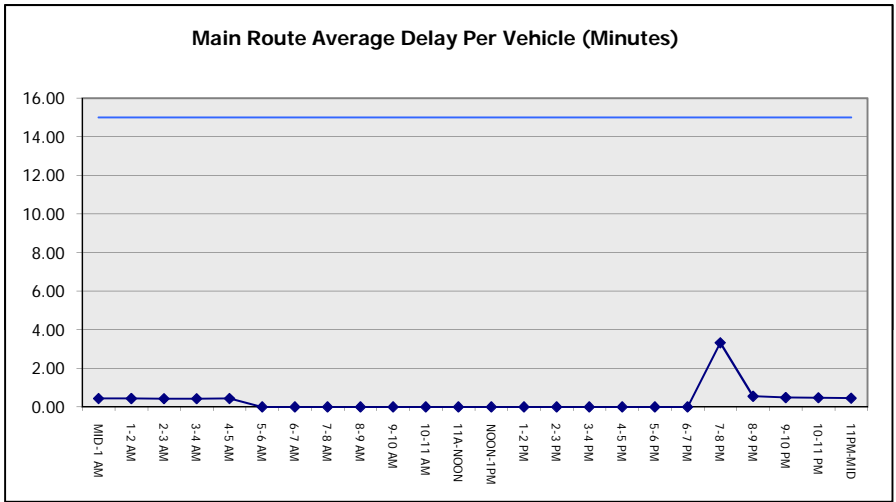
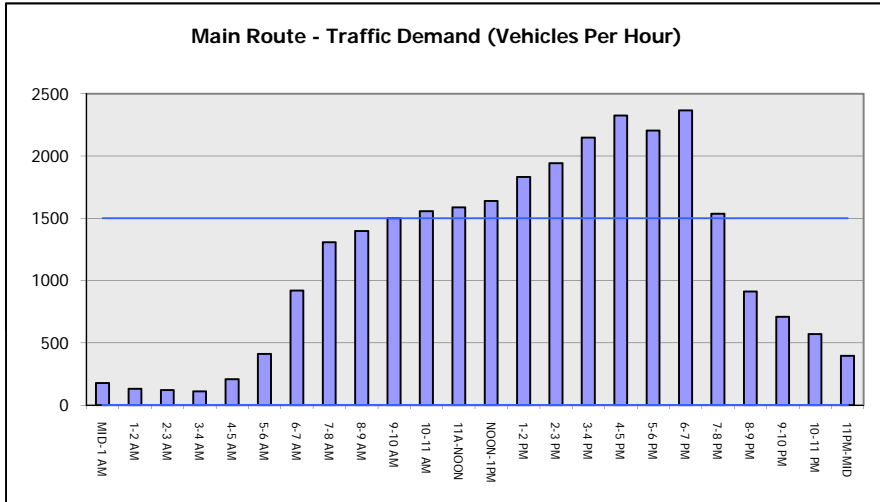
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,341
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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NIGHTTIME CLOSURE
DIVERSION ROUTE: STH 26 - USH 18 - STH 67

OCTOBER
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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY WESTBOUND DIRECTION



IH 94: STH 26 TO STH 67 (JEFFERSON AND WAUKESHA COUNTIES) NIGHTTIME CLOSURE DIVERSION ROUTE: STH 26 - USH 18 - STH 67	OCTOBER
	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	141	0.0	17	0.0	1500	141	0	17	0.44	0	66.1	64.1	44.9	44.5	44.5
1-2 AM	110	0.0	13	0.0	1500	110	0	13	0.43	0	66.2	64.1	45.0	44.5	44.5
2-3 AM	95	0.0	11	0.0	1500	95	0	11	0.43	0	66.2	64.1	45.1	44.5	44.5
3-4 AM	138	0.0	16	0.0	1500	138	0	16	0.44	0	66.1	64.1	45.0	44.5	44.5
4-5 AM	224	0.0	26	0.0	1500	224	0	26	0.44	0	66.0	63.9	44.6	44.3	44.3
5-6 AM	487	0.0	57	0.0	OFF	487	0	57	0.00	0	65.5	65.5	65.5	43.9	43.9
6-7 AM	858	0.0	101	0.0	OFF	858	0	101	0.00	0	64.8	64.8	64.8	43.3	43.3
7-8 AM	1096	0.0	129	0.0	OFF	1096	0	129	0.00	0	64.3	64.3	64.3	42.8	42.8
8-9 AM	951	0.0	112	0.0	OFF	951	0	112	0.00	0	64.6	64.6	64.6	43.1	43.1
9-10 AM	911	0.0	107	0.0	OFF	911	0	107	0.00	0	64.7	64.7	64.7	43.2	43.2
10-11 AM	981	0.0	116	0.0	OFF	981	0	116	0.00	0	64.6	64.6	64.6	43.0	43.0
11A-NOON	1097	0.0	129	0.0	OFF	1097	0	129	0.00	0	64.3	64.3	64.3	42.8	42.8
NOON-1PM	1232	0.0	145	0.0	OFF	1232	0	145	0.00	0	64.1	64.1	64.1	42.7	42.7
1-2 PM	1436	0.0	169	0.0	OFF	1436	0	169	0.00	0	63.7	63.7	63.7	42.3	42.3
2-3 PM	1685	0.0	199	0.0	OFF	1685	0	199	0.00	0	63.2	63.2	63.2	41.9	41.9
3-4 PM	1855	0.0	219	0.0	OFF	1855	0	219	0.00	0	62.9	62.9	62.9	41.6	41.6
4-5 PM	1989	0.0	235	0.0	OFF	1989	0	235	0.00	0	62.7	62.7	62.7	41.4	41.4
5-6 PM	1849	0.0	218	0.0	OFF	1849	0	218	0.00	0	63.0	63.0	63.0	41.6	41.6
6-7 PM	1437	0.0	169	0.0	OFF	1437	0	169	0.00	0	63.7	63.7	63.7	42.3	42.3
7-8 PM	1068	0.0	126	0.0	1500	1068	0	126	0.53	0	64.4	62.0	41.4	42.9	42.9
8-9 PM	799	0.0	94	0.0	1500	799	0	94	0.50	0	64.9	62.7	42.4	43.3	43.3
9-10 PM	537	0.0	63	0.0	1500	537	0	63	0.47	0	65.4	63.2	43.3	43.8	43.8
10-11 PM	595	0.0	70	0.0	1500	595	0	70	0.48	0	65.3	63.1	43.2	43.7	43.7
11PM-MID	481	0.0	57	0.0	1500	481	0	57	0.47	0	65.5	63.3	43.6	43.9	43.9

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

----- 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	0.0526
MAIN ROUTE WITH WORKS	0.0524
DIVERSION	0.0273

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$405
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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NIGHTTIME CLOSURE
DIVERSION ROUTE: STH 26 - USH 18 - STH 67

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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

