

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

SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR 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	201	0.0	24	0.0	1500	201	0	24	0.44	0	66.0	64.0	44.6	44.3	44.3
1-2 AM	140	0.0	17	0.0	1500	140	0	17	0.44	0	66.1	64.1	44.9	44.5	44.5
2-3 AM	126	0.0	15	0.0	1500	126	0	15	0.43	0	66.1	64.1	45.0	44.5	44.5
3-4 AM	115	0.0	14	0.0	1500	115	0	14	0.43	0	66.2	64.1	45.0	44.5	44.5
4-5 AM	190	0.0	22	0.0	1500	190	0	22	0.44	0	66.0	64.0	44.7	44.4	44.4
5-6 AM	406	0.0	48	0.0	1500	406	0	48	0.46	0	65.6	63.5	43.8	44.0	44.0
6-7 AM	974	0.0	115	0.0	1500	974	0	115	0.52	0	64.6	62.3	41.8	43.1	43.1
7-8 AM	1375	0.0	162	0.0	1500	1375	0	162	0.86	0	63.8	60.1	33.6	42.4	42.4
8-9 AM	1410	0.0	166	0.0	1500	1410	0	166	0.91	0	63.8	59.9	32.7	42.4	42.4
9-10 AM	1454	0.0	172	0.0	1500	1454	0	172	0.97	0	63.7	59.6	31.7	42.3	42.3
10-11 AM	1439	0.0	170	0.0	1500	1439	0	170	0.95	0	63.7	59.7	32.1	42.3	42.3
11A-NOON	1378	0.0	162	0.0	1500	1378	0	162	0.87	0	63.8	60.1	33.5	42.4	42.4
NOON-1PM	1306	0.0	154	0.0	1500	1306	0	154	0.77	0	64.0	60.6	35.3	42.5	42.5
1-2 PM	1310	0.0	155	0.0	1500	1310	0	155	0.78	0	64.0	60.6	35.2	42.5	42.5
2-3 PM	1331	0.0	157	0.0	1499	1331	0	157	0.81	0	63.9	60.4	34.7	42.5	42.5
3-4 PM	1466	0.0	173	0.0	1499	1466	0	173	1.00	0	63.7	59.5	31.5	42.2	42.2
4-5 PM	1636	0.0	193	0.0	1500	1636	0	193	3.34	65	63.3	51.3	30.8	42.0	42.0
5-6 PM	1603	0.0	188	0.0	1500	1603	0	188	8.48	203	63.4	39.7	30.8	42.0	42.0
6-7 PM	1215	0.0	142	0.0	1499	1215	0	142	5.00	124	64.1	47.3	34.5	42.7	42.7
7-8 PM	846	0.0	99	0.0	1500	846	0	99	0.50	0	64.8	62.5	42.2	43.3	43.3
8-9 PM	667	0.0	79	0.0	1500	667	0	79	0.49	0	65.1	62.9	42.8	43.6	43.6
9-10 PM	606	0.0	71	0.0	1500	606	0	71	0.48	0	65.3	63.0	43.1	43.7	43.7
10-11 PM	542	0.0	64	0.0	1500	542	0	64	0.48	0	65.4	63.2	43.3	43.8	43.8
11PM-MID	368	0.0	43	0.0	1500	368	0	43	0.46	0	65.7	63.6	44.0	44.1	44.1

----- 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	0.0528
MAIN ROUTE WITH WORKS	0.0513
DIVERSION	0.0274

PIA: Personal Injury Accidents

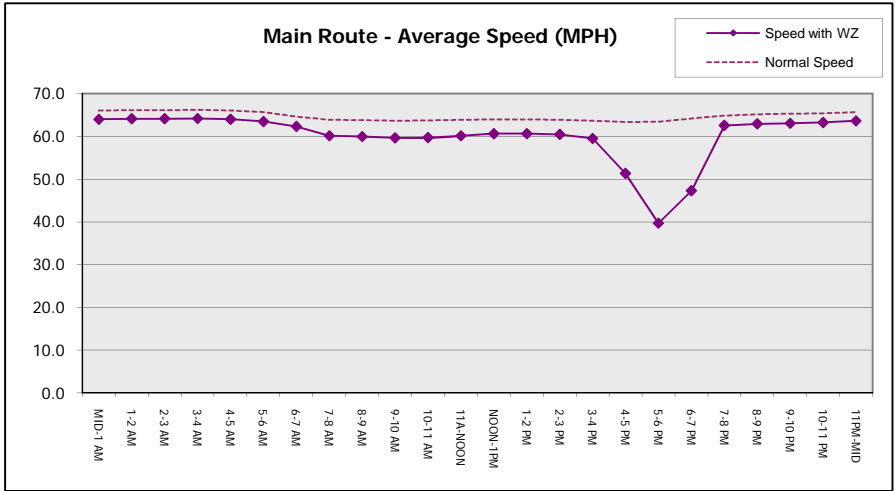
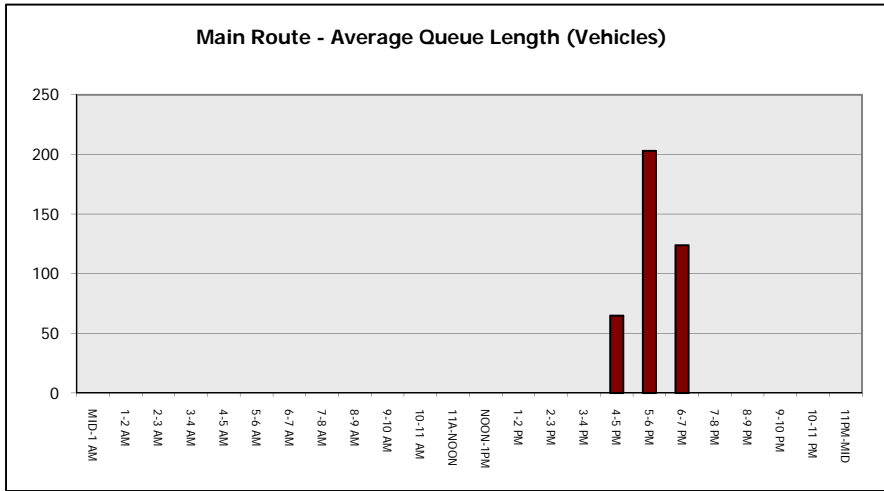
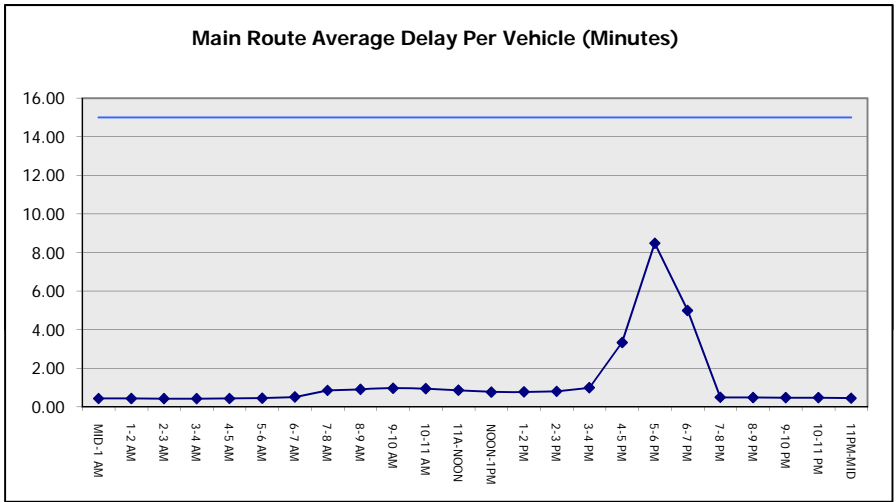
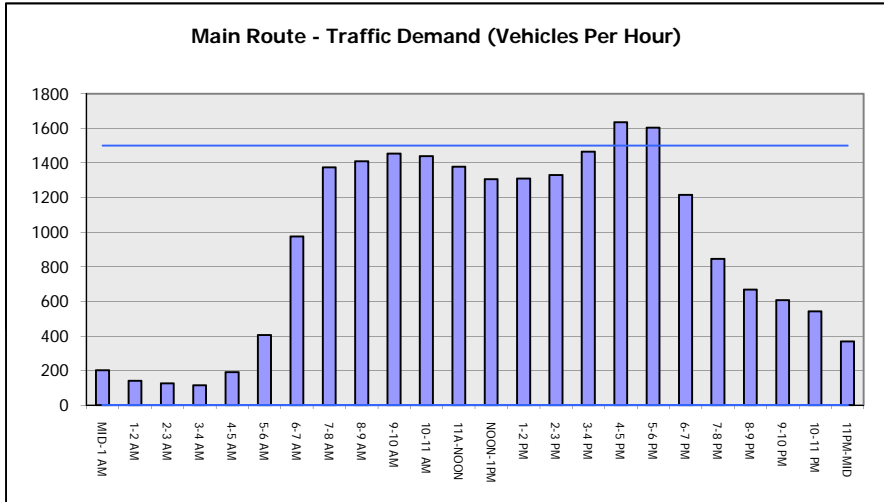
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$8,070
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR 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	AUGUST
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR 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	185	0.0	22	0.0	1500	185	0	22	0.44	0	66.0	64.0	44.7	44.4	44.4
1-2 AM	128	0.0	15	0.0	1500	128	0	15	0.43	0	66.1	64.1	45.0	44.5	44.5
2-3 AM	108	0.0	13	0.0	1500	108	0	13	0.43	0	66.2	64.1	45.1	44.5	44.5
3-4 AM	136	0.0	16	0.0	1500	136	0	16	0.44	0	66.1	64.1	45.0	44.5	44.5
4-5 AM	256	0.0	30	0.0	1500	256	0	30	0.45	0	65.9	63.8	44.5	44.3	44.3
5-6 AM	563	0.0	66	0.0	1500	563	0	66	0.48	0	65.3	63.2	43.3	43.8	43.8
6-7 AM	971	0.0	114	0.0	1500	971	0	114	0.52	0	64.6	62.3	41.8	43.1	43.1
7-8 AM	1309	0.0	155	0.0	1500	1309	0	155	0.78	0	64.0	60.6	35.3	42.5	42.5
8-9 AM	1159	0.0	137	0.0	1500	1159	0	137	0.58	0	64.2	61.7	39.8	42.8	42.8
9-10 AM	1105	0.0	131	0.0	1500	1105	0	131	0.53	0	64.3	62.0	41.3	42.8	42.8
10-11 AM	1143	0.0	135	0.0	1500	1143	0	135	0.56	0	64.3	61.8	40.4	42.8	42.8
11A-NOON	1175	0.0	138	0.0	1500	1175	0	138	0.60	0	64.2	61.5	39.2	42.7	42.7
NOON-1PM	1212	0.0	143	0.0	1500	1212	0	143	0.65	0	64.1	61.3	38.1	42.7	42.7
1-2 PM	1334	0.0	157	0.0	1499	1334	0	157	0.81	0	63.9	60.4	34.6	42.5	42.5
2-3 PM	1472	0.0	174	0.0	1499	1472	0	174	1.02	1	63.7	59.4	31.5	42.2	42.2
3-4 PM	1626	0.0	192	0.0	1500	1626	0	192	3.06	57	63.3	52.1	30.8	42.0	42.0
4-5 PM	1768	0.0	208	0.0	1500	1768	0	208	10.42	263	63.1	36.5	30.8	41.7	41.7
5-6 PM	1667	0.0	197	0.0	1499	1667	0	197	19.35	497	63.3	26.8	30.8	41.9	41.9
6-7 PM	1255	0.0	148	0.0	1499	1255	0	148	18.13	465	64.0	27.9	30.8	42.6	42.6
7-8 PM	939	0.0	111	0.0	1499	939	0	111	3.55	100	64.6	51.5	39.5	43.2	43.2
8-9 PM	809	0.0	95	0.0	1500	809	0	95	0.50	0	64.9	62.6	42.4	43.3	43.3
9-10 PM	662	0.0	79	0.0	1500	662	0	79	0.49	0	65.1	62.9	42.9	43.6	43.6
10-11 PM	460	0.0	54	0.0	1500	460	0	54	0.47	0	65.5	63.3	43.7	44.0	44.0
11PM-MID	307	0.0	36	0.0	1500	307	0	36	0.45	0	65.8	63.7	44.3	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	0.0519
MAIN ROUTE WITH WORKS	0.0505
DIVERSION	0.0269

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$18,991
CONGESTED HOURS PER DAY*	2

*Delays Exceeding 15 Minutes

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

AUGUST
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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR EASTBOUND DIRECTION

