

IH 94: STH 26 TO STH 67 (JEFFERSON AND WAUKESHA COUNTIES) CONTINUOUS (24 HOUR) 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	1500	410	0	48	0.46	0	65.6	63.5	43.8	44.0	44.0
6-7 AM	919	0.0	108	0.0	1500	919	0	108	0.51	0	64.6	62.4	42.0	43.2	43.2
7-8 AM	1308	0.0	154	0.0	1500	1308	0	154	0.78	0	64.0	60.6	35.3	42.5	42.5
8-9 AM	1398	0.0	165	0.0	1499	1398	0	165	0.89	0	63.8	60.0	33.0	42.4	42.4
9-10 AM	1501	0.0	177	0.0	1499	1501	0	177	1.11	2	63.6	59.0	31.0	42.2	42.2
10-11 AM	1558	0.0	184	0.0	1500	1558	0	184	2.35	36	63.5	54.5	30.8	42.1	42.1
11A-NOON	1588	0.0	187	0.0	1500	1588	0	187	5.04	109	63.4	46.8	30.8	42.0	42.0
NOON-1PM	1638	0.0	193	0.0	1500	1638	0	193	8.97	217	63.3	38.8	30.8	42.0	42.0
1-2 PM	1833	0.0	216	0.0	1500	1833	0	216	17.29	451	63.0	28.5	30.8	41.6	41.6
2-3 PM	1943	0.0	229	0.0	1499	1756	187	416	29.74	782	62.8	20.4	30.8	41.4	38.8
3-4 PM	2148	0.0	253	0.0	1499	1638	510	763	36.09	953	62.4	17.8	30.8	41.1	33.8
4-5 PM	2325	0.0	274	0.0	1499	1620	705	979	41.06	1089	62.0	16.2	30.8	40.8	30.7
5-6 PM	2204	0.0	260	0.0	1499	1453	751	1011	41.94	1111	62.3	16.0	30.8	41.0	30.3
6-7 PM	2367	0.0	279	0.0	1499	1571	796	1075	43.62	1158	62.0	15.5	30.8	40.7	29.4
7-8 PM	1536	0.0	181	0.0	1499	1026	510	691	34.86	924	63.5	18.3	30.8	42.1	34.8
8-9 PM	911	0.0	107	0.0	1499	911	0	107	15.22	422	64.7	30.9	34.7	43.2	43.2
9-10 PM	710	0.0	84	0.0	1500	710	0	84	0.72	7	65.1	61.9	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

----- 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	0.0669
MAIN ROUTE WITH WORKS	0.0570
DIVERSION	0.0710

PIA: Personal Injury Accidents

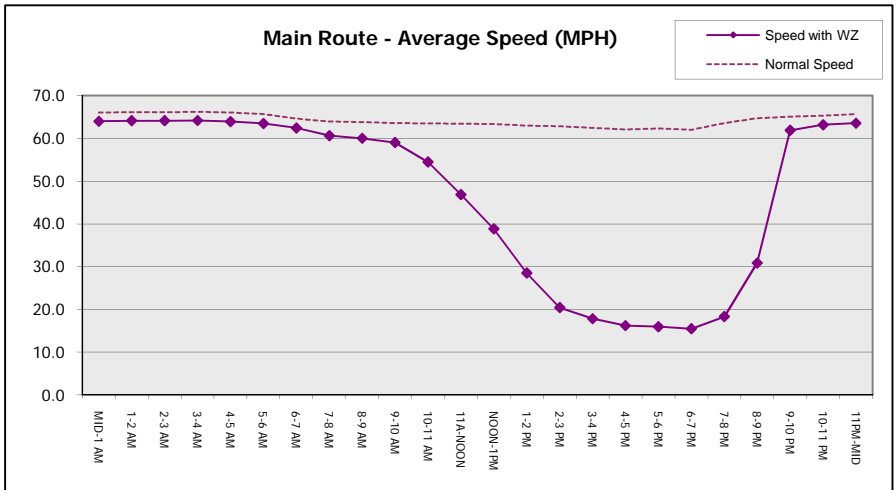
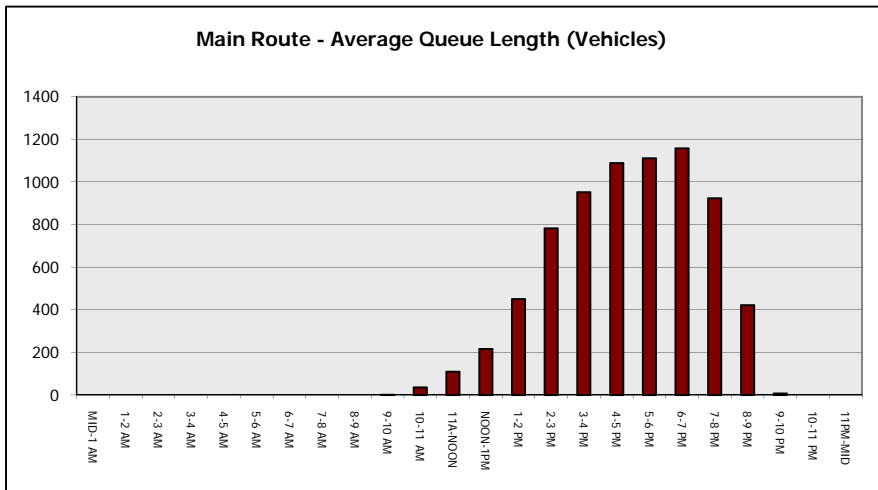
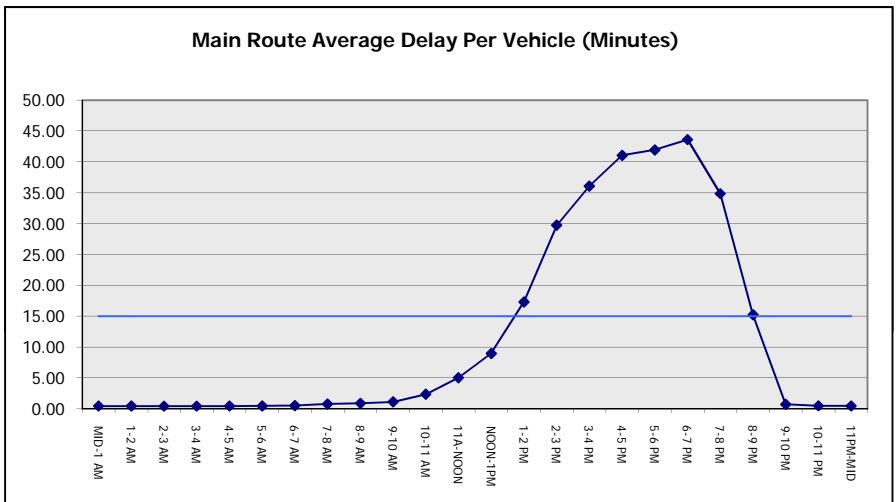
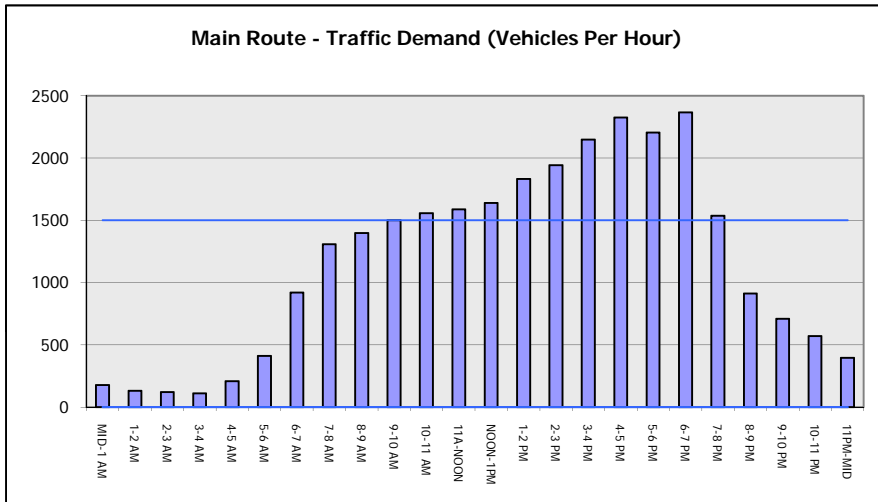
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$140,657
CONGESTED HOURS PER DAY*	8

*Delays Exceeding 15 Minutes

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

OCTOBER
 Analyzed for 2009
 Construction Season

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	OCTOBER
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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	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	1500	487	0	57	0.47	0	65.5	63.3	43.5	43.9	43.9
6-7 AM	858	0.0	101	0.0	1500	858	0	101	0.51	0	64.8	62.5	42.2	43.3	43.3
7-8 AM	1096	0.0	129	0.0	1500	1096	0	129	0.53	0	64.3	62.0	41.4	42.8	42.8
8-9 AM	951	0.0	112	0.0	1500	951	0	112	0.51	0	64.6	62.3	41.9	43.1	43.1
9-10 AM	911	0.0	107	0.0	1500	911	0	107	0.51	0	64.7	62.4	42.0	43.2	43.2
10-11 AM	981	0.0	116	0.0	1500	981	0	116	0.52	0	64.6	62.2	41.7	43.0	43.0
11A-NOON	1097	0.0	129	0.0	1500	1097	0	129	0.53	0	64.3	62.0	41.4	42.8	42.8
NOON-1PM	1232	0.0	145	0.0	1500	1232	0	145	0.68	0	64.1	61.1	37.4	42.7	42.7
1-2 PM	1436	0.0	169	0.0	1499	1436	0	169	0.94	0	63.7	59.7	32.2	42.3	42.3
2-3 PM	1685	0.0	199	0.0	1499	1685	0	199	3.75	79	63.2	50.1	30.8	41.9	41.9
3-4 PM	1855	0.0	219	0.0	1500	1855	0	219	13.55	352	62.9	32.3	30.8	41.6	41.6
4-5 PM	1989	0.0	235	0.0	1500	1836	153	388	28.10	741	62.7	21.2	30.8	41.4	39.2
5-6 PM	1849	0.0	218	0.0	1499	1460	389	607	33.11	869	63.0	19.0	30.8	41.6	36.1
6-7 PM	1437	0.0	169	0.0	1499	1304	133	302	28.16	734	63.7	21.3	30.8	42.3	40.4
7-8 PM	1068	0.0	126	0.0	1499	1068	0	126	16.78	442	64.4	29.2	32.0	42.9	42.9
8-9 PM	799	0.0	94	0.0	1500	799	0	94	1.52	33	64.9	58.5	42.2	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

----- 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	0.0496
DIVERSION	0.0344

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$54,144
CONGESTED HOURS PER DAY*	4

*Delays Exceeding 15 Minutes

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

