

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

SATURDAY 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	260	0.0	31	0.0	1500	260	0	31	0.45	0	65.9	63.8	44.5	44.3	44.3
1-2 AM	168	0.0	20	0.0	1500	168	0	20	0.44	0	66.1	64.0	44.8	44.4	44.4
2-3 AM	147	0.0	17	0.0	1500	147	0	17	0.44	0	66.1	64.0	44.9	44.5	44.5
3-4 AM	132	0.0	16	0.0	1500	132	0	16	0.44	0	66.1	64.1	45.0	44.5	44.5
4-5 AM	184	0.0	22	0.0	1500	184	0	22	0.44	0	66.0	64.0	44.8	44.4	44.4
5-6 AM	297	0.0	35	0.0	1500	297	0	35	0.45	0	65.8	63.7	44.3	44.2	44.2
6-7 AM	595	0.0	70	0.0	1500	595	0	70	0.48	0	65.3	63.1	43.2	43.7	43.7
7-8 AM	1476	0.0	174	0.0	1499	1476	0	174	1.83	30	63.7	56.3	34.5	42.2	42.2
8-9 AM	2772	0.0	327	0.0	1500	2563	208	535	22.24	679	58.1	23.8	30.8	40.1	37.1
9-10 AM	2470	0.0	291	0.0	1500	1565	904	1195	47.05	1256	61.2	14.6	30.8	40.6	27.7
10-11 AM	1863	0.0	220	0.0	1500	1140	723	943	40.35	1071	62.9	16.5	30.8	41.6	31.3
11A-NOON	1543	0.0	182	0.0	1500	1307	236	418	29.93	782	63.5	20.4	30.8	42.1	38.8
NOON-1PM	1455	0.0	172	0.0	1499	1447	8	180	26.06	675	63.7	22.4	30.8	42.3	42.2
1-2 PM	1409	0.0	166	0.0	1499	1409	0	166	23.42	604	63.8	24.0	30.8	42.4	42.4
2-3 PM	1356	0.0	160	0.0	1499	1356	0	160	18.96	484	63.8	27.2	30.8	42.4	42.4
3-4 PM	1374	0.0	162	0.0	1500	1374	0	162	13.91	348	63.8	32.1	30.8	42.4	42.4
4-5 PM	1358	0.0	160	0.0	1500	1358	0	160	9.13	220	63.8	38.8	30.8	42.4	42.4
5-6 PM	1186	0.0	140	0.0	1499	1186	0	140	1.99	39	64.1	56.2	37.3	42.7	42.7
6-7 PM	922	0.0	109	0.0	1500	922	0	109	0.51	0	64.6	62.3	42.0	43.2	43.2
7-8 PM	753	0.0	89	0.0	1500	753	0	89	0.50	0	65.0	62.7	42.5	43.5	43.5
8-9 PM	681	0.0	80	0.0	1500	681	0	80	0.49	0	65.1	62.9	42.8	43.6	43.6
9-10 PM	566	0.0	67	0.0	1500	566	0	67	0.48	0	65.3	63.2	43.3	43.8	43.8
10-11 PM	490	0.0	58	0.0	1500	490	0	58	0.47	0	65.5	63.3	43.5	43.9	43.9
11PM-MID	382	0.0	45	0.0	1500	382	0	45	0.46	0	65.7	63.5	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	0.0569
MAIN ROUTE WITH WORKS	0.0505
DIVERSION	0.0514

PIA: Personal Injury Accidents

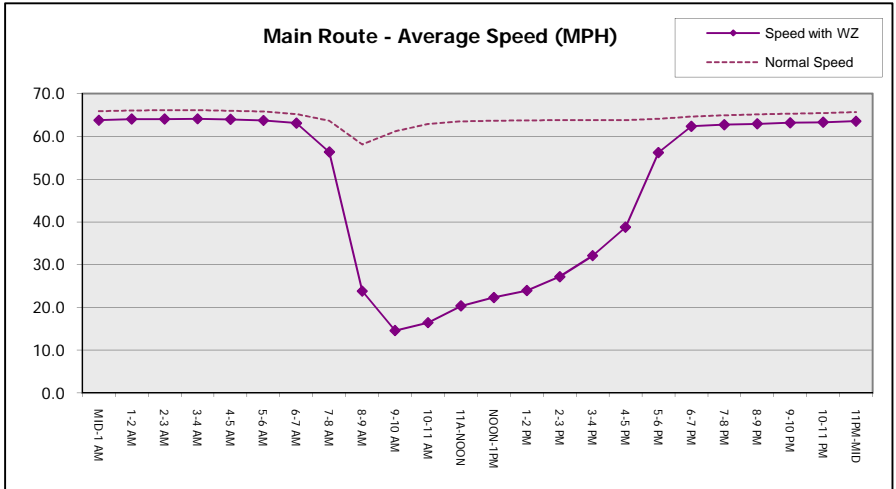
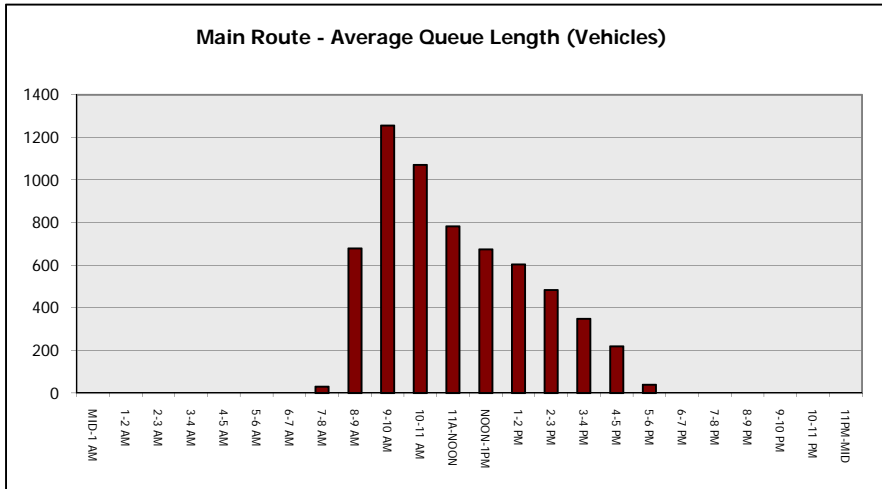
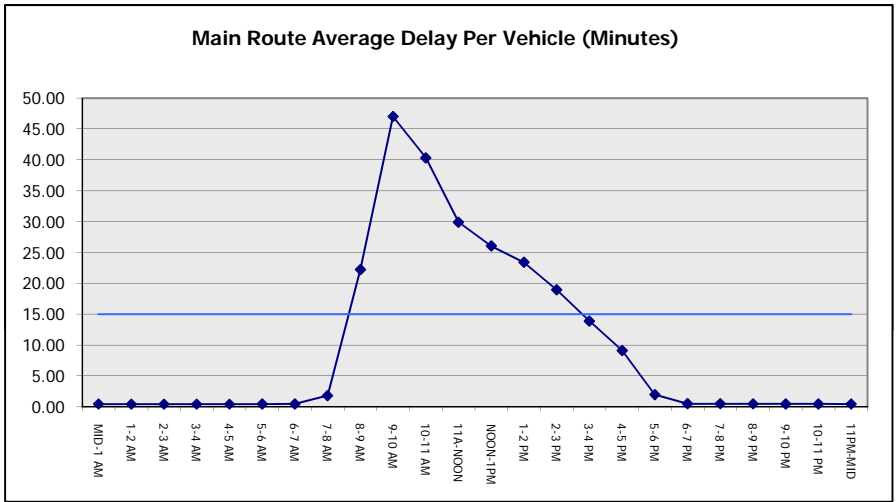
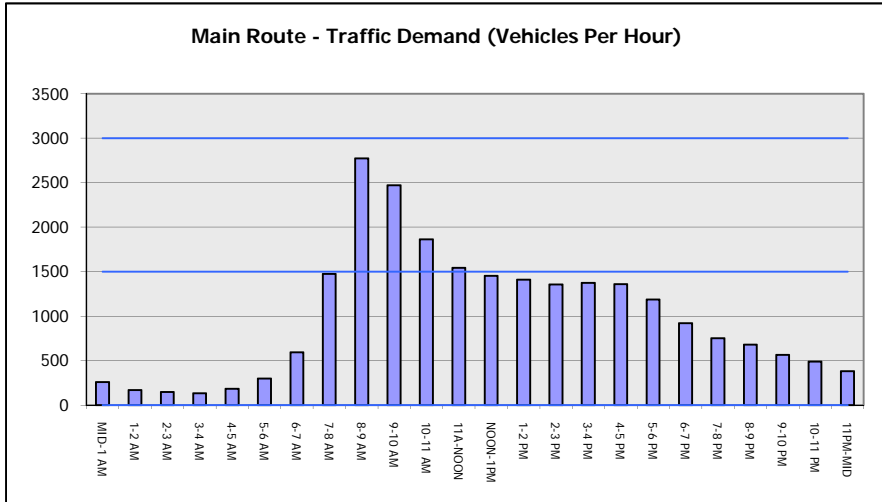
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$134,076
CONGESTED HOURS PER DAY*	7

*Delays Exceeding 15 Minutes

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

OCTOBER
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY 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

SATURDAY 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	195	0.0	23	0.0	1500	195	0	23	0.44	0	66.0	64.0	44.7	44.4	44.4
1-2 AM	119	0.0	14	0.0	1500	119	0	14	0.43	0	66.1	64.1	45.0	44.5	44.5
2-3 AM	98	0.0	12	0.0	1500	98	0	12	0.43	0	66.2	64.1	45.1	44.5	44.5
3-4 AM	122	0.0	14	0.0	1500	122	0	14	0.43	0	66.1	64.1	45.0	44.5	44.5
4-5 AM	132	0.0	16	0.0	1500	132	0	16	0.44	0	66.1	64.1	45.0	44.5	44.5
5-6 AM	225	0.0	27	0.0	1500	225	0	27	0.44	0	66.0	63.9	44.6	44.3	44.3
6-7 AM	298	0.0	35	0.0	1500	298	0	35	0.45	0	65.8	63.7	44.3	44.2	44.2
7-8 AM	479	0.0	57	0.0	1500	479	0	57	0.47	0	65.5	63.3	43.6	43.9	43.9
8-9 AM	735	0.0	87	0.0	1500	735	0	87	0.49	0	65.0	62.8	42.6	43.5	43.5
9-10 AM	928	0.0	109	0.0	1500	928	0	109	0.51	0	64.6	62.3	41.9	43.2	43.2
10-11 AM	1182	0.0	139	0.0	1500	1182	0	139	0.61	0	64.2	61.5	39.1	42.7	42.7
11A-NOON	1311	0.0	155	0.0	1500	1311	0	155	0.78	0	64.0	60.6	35.2	42.5	42.5
NOON-1PM	1345	0.0	159	0.0	1500	1345	0	159	0.82	0	63.9	60.4	34.3	42.5	42.5
1-2 PM	1426	0.0	168	0.0	1499	1426	0	168	0.93	0	63.7	59.8	32.4	42.3	42.3
2-3 PM	1823	0.0	215	0.0	1499	1823	0	215	5.35	132	63.0	45.8	30.8	41.7	41.7
3-4 PM	2370	0.0	280	0.0	1500	2203	167	447	25.35	698	62.0	22.5	30.8	40.7	38.3
4-5 PM	2415	0.0	285	0.0	1500	1660	755	1040	42.61	1133	61.8	15.7	30.8	40.7	29.9
5-6 PM	1960	0.0	231	0.0	1500	1249	711	942	40.28	1067	62.7	16.5	30.8	41.4	31.3
6-7 PM	1536	0.0	181	0.0	1500	1254	282	463	30.68	804	63.5	20.1	30.8	42.1	38.1
7-8 PM	1201	0.0	142	0.0	1499	1201	0	142	21.56	558	64.1	25.3	30.8	42.7	42.7
8-9 PM	908	0.0	107	0.0	1499	908	0	107	4.66	139	64.7	48.4	39.0	43.2	43.2
9-10 PM	746	0.0	88	0.0	1500	746	0	88	0.49	0	65.0	62.7	42.6	43.5	43.5
10-11 PM	690	0.0	81	0.0	1500	690	0	81	0.49	0	65.1	62.8	42.8	43.5	43.5
11PM-MID	369	0.0	43	0.0	1500	369	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	0.0540
MAIN ROUTE WITH WORKS	0.0480
DIVERSION	0.0481

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$103,407
CONGESTED HOURS PER DAY*	5

*Delays Exceeding 15 Minutes

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

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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY EASTBOUND DIRECTION

