

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

SUNDAY 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	241	0.0	28	0.0	1500	241	0	28	0.45	0	66.0	63.8	44.5	44.3	44.3
1-2 AM	123	0.0	14	0.0	1500	123	0	14	0.43	0	66.1	64.1	45.0	44.5	44.5
2-3 AM	87	0.0	10	0.0	1500	87	0	10	0.43	0	66.2	64.2	45.1	44.6	44.6
3-4 AM	69	0.0	8	0.0	1500	69	0	8	0.43	0	66.3	64.2	45.2	44.6	44.6
4-5 AM	91	0.0	11	0.0	1500	91	0	11	0.43	0	66.2	64.1	45.1	44.5	44.5
5-6 AM	127	0.0	15	0.0	1500	127	0	15	0.43	0	66.1	64.1	45.0	44.5	44.5
6-7 AM	217	0.0	26	0.0	1500	217	0	26	0.44	0	66.0	63.9	44.6	44.3	44.3
7-8 AM	354	0.0	42	0.0	1500	354	0	42	0.46	0	65.7	63.6	44.1	44.1	44.1
8-9 AM	608	0.0	72	0.0	1500	608	0	72	0.48	0	65.3	63.0	43.1	43.7	43.7
9-10 AM	961	0.0	113	0.0	1500	961	0	113	0.52	0	64.6	62.3	41.8	43.1	43.1
10-11 AM	1313	0.0	155	0.0	1499	1313	0	155	0.78	0	64.0	60.5	35.3	42.5	42.5
11A-NOON	1494	0.0	176	0.0	1499	1494	0	176	1.09	2	63.6	59.1	31.1	42.2	42.2
NOON-1PM	1514	0.0	179	0.0	1499	1514	0	179	1.59	15	63.6	57.1	30.8	42.2	42.2
1-2 PM	1527	0.0	180	0.0	1500	1527	0	180	2.42	37	63.5	54.3	30.8	42.2	42.2
2-3 PM	1481	0.0	175	0.0	1499	1481	0	175	2.63	43	63.7	53.7	30.8	42.2	42.2
3-4 PM	1449	0.0	171	0.0	1499	1449	0	171	1.29	8	63.7	58.4	31.5	42.3	42.3
4-5 PM	1528	0.0	180	0.0	1499	1528	0	180	1.59	15	63.5	57.1	30.8	42.2	42.2
5-6 PM	1401	0.0	165	0.0	1499	1401	0	165	1.19	7	63.8	58.8	32.7	42.4	42.4
6-7 PM	1153	0.0	136	0.0	1500	1153	0	136	0.58	0	64.2	61.7	40.0	42.8	42.8
7-8 PM	973	0.0	115	0.0	1500	973	0	115	0.52	0	64.6	62.3	41.8	43.1	43.1
8-9 PM	752	0.0	89	0.0	1500	752	0	89	0.50	0	65.0	62.7	42.5	43.5	43.5
9-10 PM	522	0.0	62	0.0	1500	522	0	62	0.47	0	65.4	63.2	43.4	43.8	43.8
10-11 PM	360	0.0	42	0.0	1500	360	0	42	0.46	0	65.7	63.6	44.0	44.1	44.1
11PM-MID	224	0.0	26	0.0	1500	224	0	26	0.44	0	66.0	63.9	44.6	44.3	44.3

----- 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		0.0443
MAIN ROUTE WITH WORKS		0.0431
DIVERSION		0.0230

PIA: Personal Injury Accidents

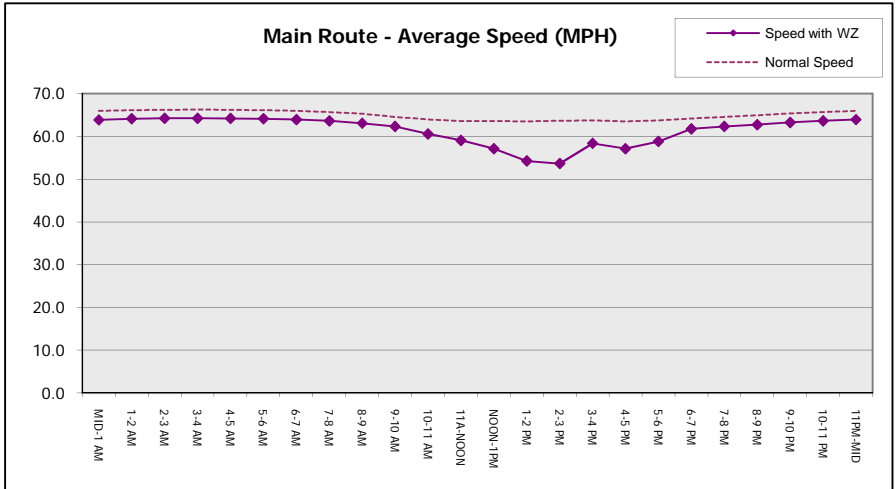
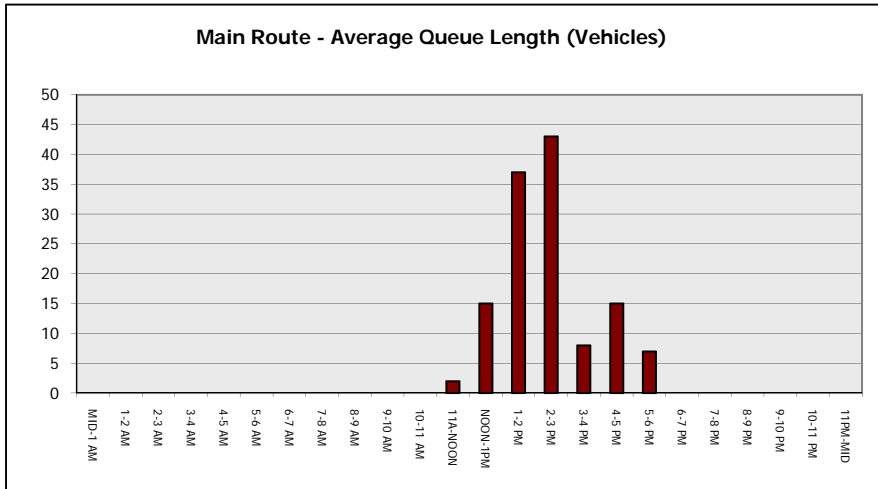
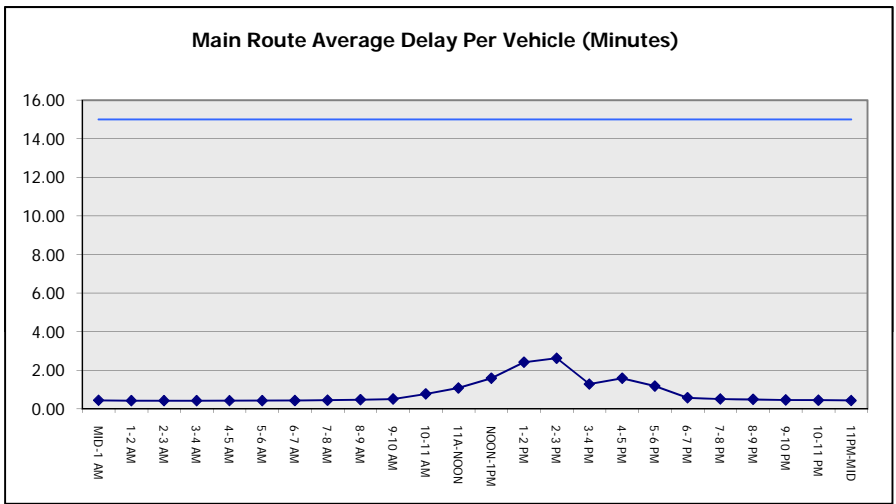
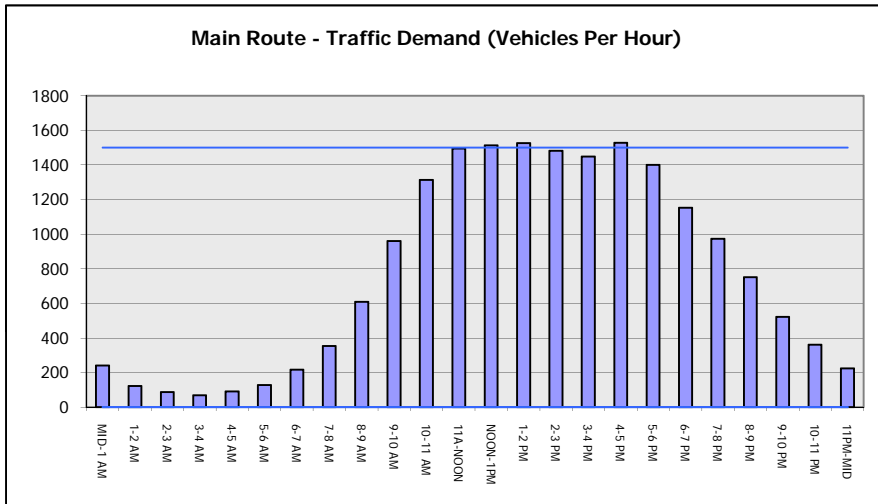
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$6,955
CONGESTED HOURS PER DAY*	0

*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
SUNDAY 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
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT	
SUNDAY	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		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	212	0.0	25	0.0	1500	212	0	25	0.44	0	66.0	63.9	44.6	44.3	44.3
1-2 AM	149	0.0	18	0.0	1500	149	0	18	0.44	0	66.1	64.0	44.9	44.5	44.5
2-3 AM	121	0.0	14	0.0	1500	121	0	14	0.43	0	66.1	64.1	45.0	44.5	44.5
3-4 AM	99	0.0	12	0.0	1500	99	0	12	0.43	0	66.2	64.1	45.1	44.5	44.5
4-5 AM	88	0.0	10	0.0	1500	88	0	10	0.43	0	66.2	64.2	45.1	44.6	44.6
5-6 AM	119	0.0	14	0.0	1500	119	0	14	0.43	0	66.1	64.1	45.0	44.5	44.5
6-7 AM	166	0.0	20	0.0	1500	166	0	20	0.44	0	66.1	64.0	44.8	44.4	44.4
7-8 AM	258	0.0	30	0.0	1500	258	0	30	0.45	0	65.9	63.8	44.5	44.3	44.3
8-9 AM	522	0.0	62	0.0	1500	522	0	62	0.47	0	65.4	63.2	43.4	43.8	43.8
9-10 AM	864	0.0	102	0.0	1500	864	0	102	0.51	0	64.8	62.5	42.2	43.3	43.3
10-11 AM	1367	0.0	161	0.0	1499	1367	0	161	0.85	0	63.8	60.2	34.0	42.4	42.4
11A-NOON	1839	0.0	217	0.0	1499	1839	0	217	5.93	148	63.0	44.5	30.8	41.6	41.6
NOON-1PM	2038	0.0	240	0.0	1500	2008	30	270	22.28	598	62.6	24.5	30.8	41.3	40.9
1-2 PM	2084	0.0	246	0.0	1500	1626	458	704	34.89	920	62.5	18.3	30.8	41.2	34.7
2-3 PM	2134	0.0	252	0.0	1500	1552	582	834	37.65	995	62.4	17.3	30.8	41.1	32.9
3-4 PM	2330	0.0	275	0.0	1500	1629	701	976	40.98	1087	62.0	16.2	30.8	40.8	30.8
4-5 PM	2508	0.0	296	0.0	1500	1646	862	1158	45.78	1225	60.8	14.8	30.8	40.5	28.2
5-6 PM	2680	0.0	316	0.0	1500	1650	1030	1346+	51.70	1396	59.1	13.4	30.8	40.2	25.5
6-7 PM	2133	0.0	252	0.0	1500	1158	975	1227+	48.35	1288	62.4	14.3	30.8	41.1	27.3
7-8 PM	1687	0.0	199	0.0	1500	1170	517	716	35.31	933	63.2	18.1	30.8	41.9	34.5
8-9 PM	1330	0.0	157	0.0	1500	1269	61	218	25.79	670	63.9	22.5	30.8	42.5	41.6
9-10 PM	904	0.0	107	0.0	1499	904	0	107	9.20	274	64.7	38.9	36.6	43.2	43.2
10-11 PM	528	0.0	62	0.0	1500	528	0	62	0.47	0	65.4	63.2	43.4	43.8	43.8
11PM-MID	274	0.0	32	0.0	1500	274	0	32	0.45	0	65.9	63.8	44.4	44.3	44.3

+ INDICATES DIVERSION FLOW EXCEEDS USER-SPECIFIED WARNING LIMIT

----- 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	0.0631
MAIN ROUTE WITH WORKS	0.0492
DIVERSION	0.0876

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$241,709
CONGESTED HOURS PER DAY*	9

*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
SUNDAY EASTBOUND DIRECTION

