

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

MAY
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	149	0.0	18	0.0	1500	149	0	18	0.44	0	66.1	64.0	44.9	44.5	44.5
1-2 AM	116	0.0	14	0.0	1500	116	0	14	0.43	0	66.2	64.1	45.0	44.5	44.5
2-3 AM	101	0.0	12	0.0	1500	101	0	12	0.43	0	66.2	64.1	45.1	44.5	44.5
3-4 AM	119	0.0	14	0.0	1500	119	0	14	0.43	0	66.1	64.1	45.0	44.5	44.5
4-5 AM	201	0.0	24	0.0	1500	201	0	24	0.44	0	66.0	64.0	44.6	44.3	44.3
5-6 AM	506	0.0	60	0.0	1500	506	0	60	0.47	0	65.5	63.3	43.5	43.8	43.8
6-7 AM	1049	0.0	123	0.0	1500	1049	0	123	0.52	0	64.5	62.1	41.5	43.0	43.0
7-8 AM	1342	0.0	158	0.0	1500	1342	0	158	0.82	0	63.9	60.4	34.4	42.5	42.5
8-9 AM	1281	0.0	151	0.0	1500	1281	0	151	0.74	0	64.0	60.8	36.0	42.5	42.5
9-10 AM	1183	0.0	139	0.0	1500	1183	0	139	0.62	0	64.1	61.5	39.0	42.7	42.7
10-11 AM	1124	0.0	133	0.0	1500	1124	0	133	0.54	0	64.3	61.9	41.0	42.8	42.8
11A-NOON	1102	0.0	130	0.0	1500	1102	0	130	0.53	0	64.3	62.0	41.3	42.8	42.8
NOON-1PM	1107	0.0	131	0.0	1500	1107	0	131	0.53	0	64.3	62.0	41.3	42.8	42.8
1-2 PM	1111	0.0	131	0.0	1500	1111	0	131	0.53	0	64.3	62.0	41.3	42.8	42.8
2-3 PM	1165	0.0	137	0.0	1500	1165	0	137	0.59	0	64.2	61.6	39.6	42.8	42.8
3-4 PM	1360	0.0	160	0.0	1499	1360	0	160	0.84	0	63.8	60.2	34.0	42.4	42.4
4-5 PM	1501	0.0	177	0.0	1499	1501	0	177	1.10	1	63.6	59.0	30.8	42.2	42.2
5-6 PM	1322	0.0	156	0.0	1500	1321	0	156	0.79	0	63.9	60.5	35.0	42.5	42.5
6-7 PM	902	0.0	106	0.0	1500	902	0	106	0.51	0	64.7	62.4	42.0	43.2	43.2
7-8 PM	643	0.0	75	0.0	1500	643	0	75	0.48	0	65.2	63.0	43.0	43.7	43.7
8-9 PM	544	0.0	64	0.0	1500	544	0	64	0.48	0	65.4	63.2	43.3	43.8	43.8
9-10 PM	493	0.0	59	0.0	1500	493	0	59	0.47	0	65.5	63.3	43.5	43.9	43.9
10-11 PM	397	0.0	47	0.0	1500	397	0	47	0.46	0	65.6	63.5	43.9	44.0	44.0
11PM-MID	239	0.0	28	0.0	1500	239	0	28	0.45	0	66.0	63.8	44.5	44.3	44.3

----- 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	0.0455
MAIN ROUTE WITH WORKS	0.0442
DIVERSION	0.0236

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS

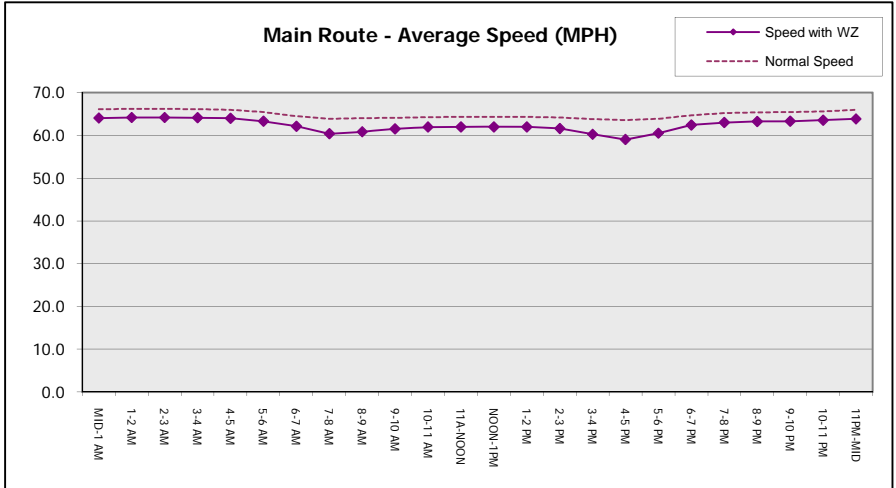
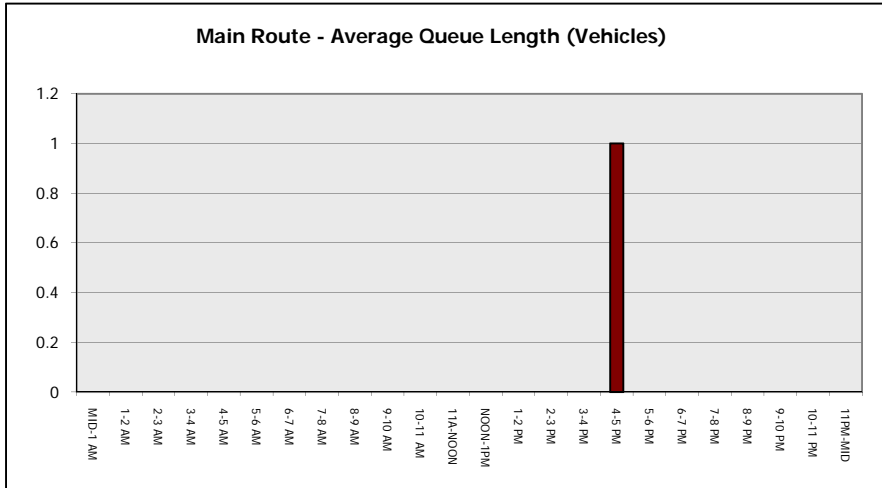
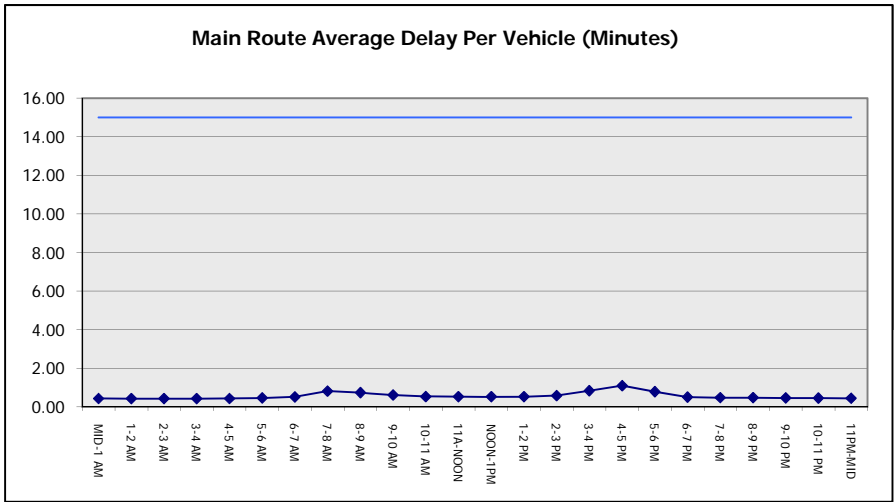
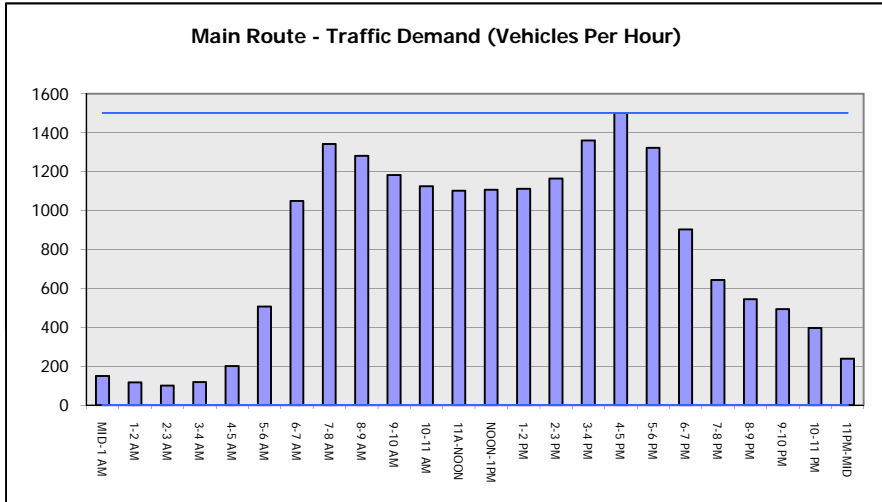
ROAD USER COSTS PER DAY (DOLLARS)	\$2,479
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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CONTINUOUS (24 HOUR) CLOSURE
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 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	MAY
	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	143	0.0	17	0.0	1500	143	0	17	0.44	0	66.1	64.1	44.9	44.5	44.5
1-2 AM	107	0.0	13	0.0	1500	107	0	13	0.43	0	66.2	64.1	45.1	44.5	44.5
2-3 AM	111	0.0	14	0.0	1500	111	0	14	0.43	0	66.2	64.1	45.0	44.5	44.5
3-4 AM	140	0.0	17	0.0	1500	140	0	17	0.44	0	66.1	64.1	44.9	44.5	44.5
4-5 AM	296	0.0	35	0.0	1500	296	0	35	0.45	0	65.8	63.7	44.3	44.2	44.2
5-6 AM	663	0.0	78	0.0	1500	663	0	78	0.49	0	65.1	62.9	42.9	43.6	43.6
6-7 AM	1036	0.0	122	0.0	1500	1036	0	122	0.52	0	64.5	62.1	41.5	43.0	43.0
7-8 AM	1239	0.0	146	0.0	1500	1239	0	146	0.69	0	64.1	61.1	37.3	42.6	42.6
8-9 AM	1035	0.0	122	0.0	1500	1035	0	122	0.52	0	64.5	62.1	41.5	43.0	43.0
9-10 AM	973	0.0	115	0.0	1500	973	0	115	0.52	0	64.6	62.3	41.8	43.1	43.1
10-11 AM	984	0.0	116	0.0	1500	984	0	116	0.52	0	64.5	62.2	41.7	43.0	43.0
11A-NOON	1026	0.0	121	0.0	1500	1026	0	121	0.52	0	64.5	62.2	41.6	43.0	43.0
NOON-1PM	1069	0.0	126	0.0	1500	1069	0	126	0.53	0	64.4	62.0	41.4	42.9	42.9
1-2 PM	1204	0.0	142	0.0	1500	1204	0	142	0.64	0	64.1	61.4	38.3	42.7	42.7
2-3 PM	1314	0.0	155	0.0	1499	1314	0	155	0.78	0	64.0	60.5	35.1	42.5	42.5
3-4 PM	1485	0.0	175	0.0	1499	1485	0	175	1.06	1	63.6	59.2	31.2	42.2	42.2
4-5 PM	1558	0.0	184	0.0	1500	1558	0	184	2.45	39	63.5	54.2	30.8	42.1	42.1
5-6 PM	1399	0.0	165	0.0	1499	1399	0	165	2.21	35	63.8	55.1	32.4	42.4	42.4
6-7 PM	1009	0.0	119	0.0	1500	1009	0	119	0.52	0	64.5	62.2	41.7	43.0	43.0
7-8 PM	751	0.0	89	0.0	1500	751	0	89	0.50	0	65.0	62.7	42.5	43.5	43.5
8-9 PM	631	0.0	74	0.0	1500	631	0	74	0.48	0	65.2	63.0	43.0	43.7	43.7
9-10 PM	501	0.0	60	0.0	1500	501	0	60	0.47	0	65.5	63.3	43.5	43.8	43.8
10-11 PM	349	0.0	41	0.0	1500	349	0	41	0.46	0	65.8	63.6	44.1	44.2	44.2
11PM-MID	206	0.0	24	0.0	1500	206	0	24	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	0.0459
MAIN ROUTE WITH WORKS	0.0446
DIVERSION	0.0238

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$3,362
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**

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 Construction Season

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

