

IH 94: STH 67 TO CTH C (WAUKESHA COUNTY) OFF-PEAK DAY CLOSURE DIVERSION ROUTE: STH 67 - USH 18 - CTH C	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	258	0.0	29	0.0	OFF	258	0	29	0.00	0	65.9	65.9	65.9	29.6	29.6
1-2 AM	199	0.0	22	0.0	OFF	199	0	22	0.00	0	66.0	66.0	66.0	29.6	29.6
2-3 AM	174	0.0	20	0.0	OFF	174	0	20	0.00	0	66.1	66.1	66.1	29.6	29.6
3-4 AM	180	0.0	20	0.0	OFF	180	0	20	0.00	0	66.1	66.1	66.1	29.6	29.6
4-5 AM	312	0.0	36	0.0	OFF	312	0	36	0.00	0	65.8	65.8	65.8	29.5	29.5
5-6 AM	657	0.0	74	0.0	OFF	657	0	74	0.00	0	65.1	65.1	65.1	29.1	29.1
6-7 AM	1464	0.0	165	0.0	OFF	1464	0	165	0.00	0	63.7	63.7	63.7	28.3	28.3
7-8 AM	1949	0.0	220	0.0	OFF	1949	0	220	0.00	0	62.8	62.8	62.8	27.7	27.7
8-9 AM	1988	0.0	224	0.0	OFF	1988	0	224	0.00	0	62.7	62.7	62.7	27.7	27.7
9-10 AM	1792	0.0	202	0.0	1499	1792	0	202	5.64	146	63.0	23.8	30.8	27.9	27.9
10-11 AM	1996	0.0	225	0.0	1500	1762	235	460	17.95	466	62.7	10.6	30.8	27.7	25.7
11A-NOON	2166	0.0	244	0.0	1499	1563	603	847	22.68	586	62.3	9.3	30.8	27.5	22.4
NOON-1PM	2399	0.0	271	0.0	1500	1596	804	1075	25.64	667	61.9	8.8	30.8	27.3	20.4
1-2 PM	2582	0.0	291	0.0	1499	1599	984	1275+	28.73	754	60.1	8.4	30.8	27.1	18.8
2-3 PM	2993	0.0	337	0.0	1500	1764	1229	1566+	34.79	931	55.8	7.7	30.8	26.6	16.4
3-4 PM	3590	0.0	405	0.0	1500	1500	2090	2495+	38.80	1058	49.7	7.4	30.8	26.0	15.0
4-5 PM	3430	0.0	387	0.0	OFF	3430	0	387	12.40	790	51.4	13.0	13.0	26.1	26.1
5-6 PM	3442	0.0	388	0.0	OFF	3442	0	388	3.91	228	51.2	26.6	26.6	26.1	26.1
6-7 PM	2735	0.0	309	0.0	OFF	2735	0	309	0.00	0	58.5	58.5	58.5	26.9	26.9
7-8 PM	2093	0.0	236	0.0	OFF	2093	0	236	0.00	0	62.5	62.5	62.5	27.6	27.6
8-9 PM	1343	0.0	152	0.0	OFF	1343	0	152	0.00	0	63.9	63.9	63.9	28.4	28.4
9-10 PM	1182	0.0	133	0.0	OFF	1182	0	133	0.00	0	64.2	64.2	64.2	28.6	28.6
10-11 PM	935	0.0	106	0.0	OFF	935	0	106	0.00	0	64.6	64.6	64.6	28.8	28.8
11PM-MID	599	0.0	68	0.0	OFF	599	0	68	0.00	0	65.3	65.3	65.3	29.2	29.2

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

+ 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	0.0232
MAIN ROUTE WITH WORKS	0.0190
DIVERSION	0.1160

PIA: Personal Injury Accidents

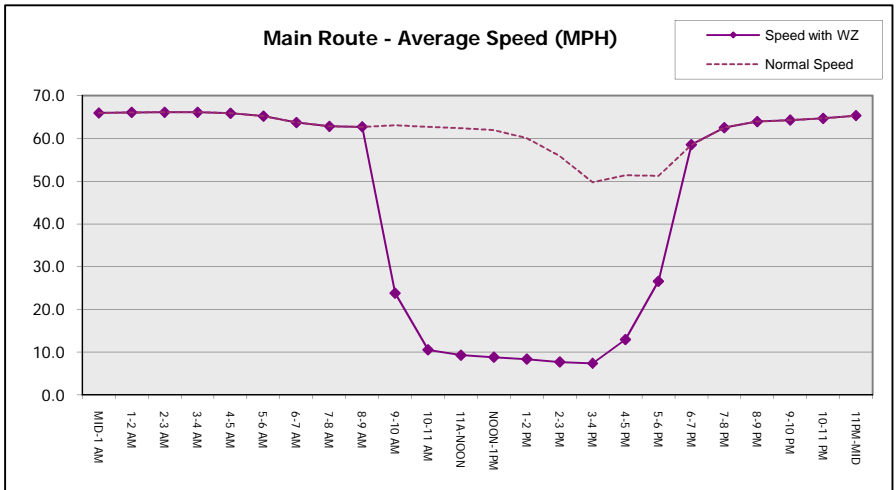
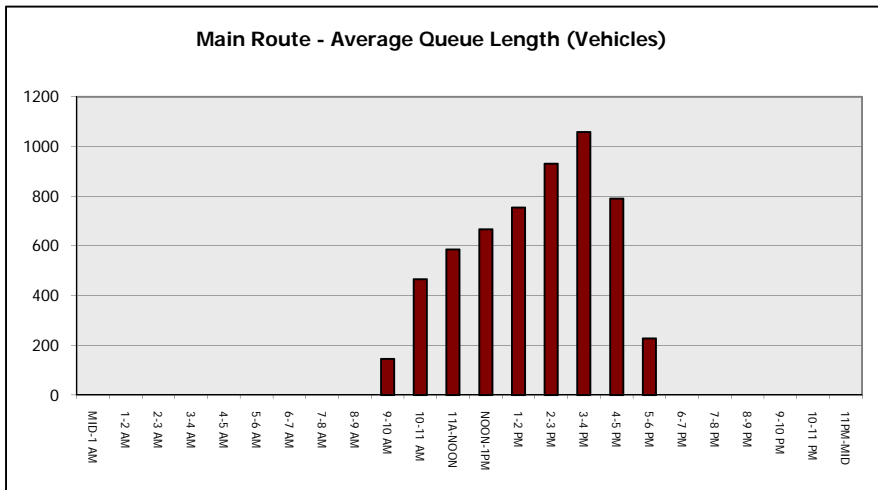
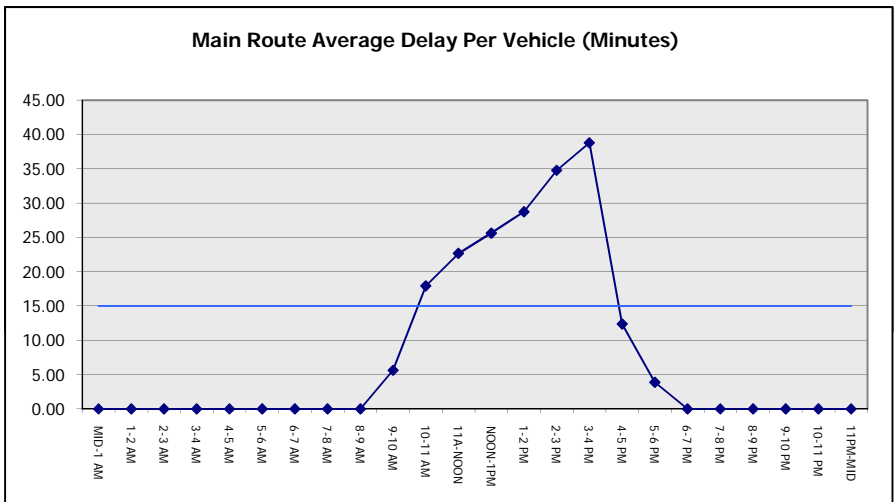
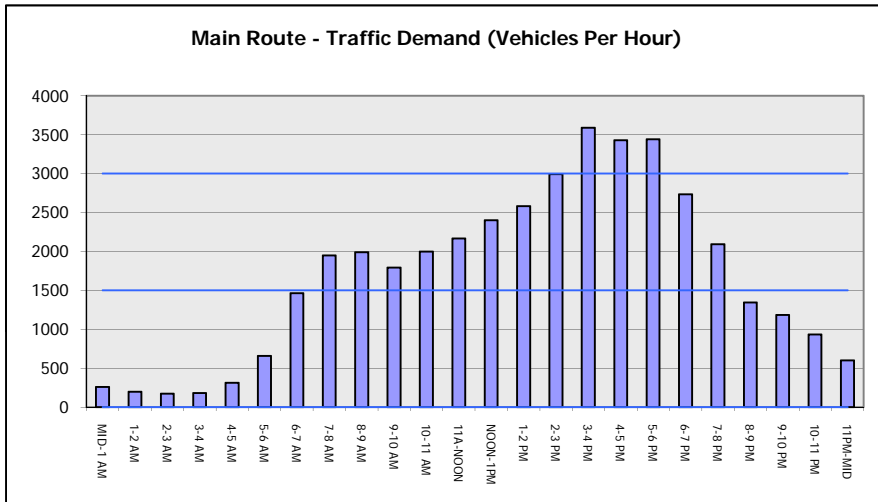
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$119,665
CONGESTED HOURS PER DAY*	6

*Delays Exceeding 15 Minutes

IH 94: STH 67 TO CTH C (WAUKESHA COUNTY)
OFF-PEAK DAY CLOSURE
DIVERSION ROUTE: STH 67 - USH 18 - CTH C

OCTOBER
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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY WESTBOUND DIRECTION



IH 94: STH 67 TO CTH C (WAUKESHA COUNTY) OFF-PEAK DAY CLOSURE DIVERSION ROUTE: STH 67 - USH 18 - CTH C	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		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	181	0.0	20	0.0	OFF	181	0	20	0.00	0	66.1	66.1	66.1	29.6	29.6
1-2 AM	157	0.0	18	0.0	OFF	157	0	18	0.00	0	66.1	66.1	66.1	29.6	29.6
2-3 AM	163	0.0	19	0.0	OFF	163	0	19	0.00	0	66.1	66.1	66.1	29.6	29.6
3-4 AM	152	0.0	17	0.0	OFF	152	0	17	0.00	0	66.1	66.1	66.1	29.6	29.6
4-5 AM	365	0.0	41	0.0	OFF	365	0	41	0.00	0	65.7	65.7	65.7	29.4	29.4
5-6 AM	1090	0.0	122	0.0	OFF	1090	0	122	0.00	0	64.3	64.3	64.3	28.6	28.6
6-7 AM	2346	0.0	265	0.0	OFF	2346	0	265	0.00	0	62.0	62.0	62.0	27.3	27.3
7-8 AM	3110	0.0	351	0.0	OFF	3110	0	351	0.00	0	54.6	54.6	54.6	26.5	26.5
8-9 AM	2461	0.0	277	0.0	OFF	2461	0	277	0.00	0	61.3	61.3	61.3	27.2	27.2
9-10 AM	1801	0.0	203	0.0	1499	1801	0	203	6.60	170	63.0	21.5	30.8	27.9	27.9
10-11 AM	1805	0.0	204	0.0	1500	1689	116	320	16.58	425	63.0	11.0	30.8	27.9	26.9
11A-NOON	1842	0.0	207	0.0	1499	1513	329	536	19.49	499	63.0	10.0	30.8	27.8	25.0
NOON-1PM	1834	0.0	207	0.0	1499	1503	331	538	19.51	499	63.0	10.0	30.8	27.8	25.0
1-2 PM	2052	0.0	231	0.0	1500	1572	480	711	21.19	545	62.5	9.6	30.8	27.6	23.5
2-3 PM	2267	0.0	255	0.0	1500	1579	688	943	23.86	618	62.2	9.1	30.8	27.4	21.5
3-4 PM	2498	0.0	281	0.0	1500	1602	896	1178	27.15	710	60.9	8.6	30.8	27.1	19.6
4-5 PM	2656	0.0	299	0.0	OFF	2656	0	299	3.76	214	59.3	29.1	29.1	27.0	27.0
5-6 PM	2739	0.0	309	0.0	OFF	2739	0	309	0.00	0	58.4	58.4	58.4	26.9	26.9
6-7 PM	2051	0.0	231	0.0	OFF	2051	0	231	0.00	0	62.5	62.5	62.5	27.6	27.6
7-8 PM	1372	0.0	155	0.0	OFF	1372	0	155	0.00	0	63.8	63.8	63.8	28.3	28.3
8-9 PM	1099	0.0	123	0.0	OFF	1099	0	123	0.00	0	64.3	64.3	64.3	28.6	28.6
9-10 PM	1001	0.0	113	0.0	OFF	1001	0	113	0.00	0	64.5	64.5	64.5	28.8	28.8
10-11 PM	785	0.0	89	0.0	OFF	785	0	89	0.00	0	64.9	64.9	64.9	28.9	28.9
11PM-MID	579	0.0	65	0.0	OFF	579	0	65	0.00	0	65.3	65.3	65.3	29.2	29.2

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

----- 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	0.0208
MAIN ROUTE WITH WORKS	0.0185
DIVERSION	0.0767

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$65,204
CONGESTED HOURS PER DAY*	6

*Delays Exceeding 15 Minutes

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OFF-PEAK DAY CLOSURE
DIVERSION ROUTE: STH 67 - USH 18 - CTH C

OCTOBER
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

