

IH 94: USH 41 TO IH 43 (MILWAUKEE COUNTY) CONTINUOUS (24 HOUR) 2 LANE CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	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		SITE CAPA CITY	FLOW		AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		SITE	
	DEMAND FLOW	PCT HEAVY		MAIN ROUTE	'DIVER TED'			WITHOUT WORK ZONE	WITH WORK ZONE		
MID-1 AM	694	0.0	1500	694	0	0.55	0	69.9	53.5	42.8	
1-2 AM	524	0.0	1500	524	0	0.54	0	70.1	54.0	43.4	
2-3 AM	457	0.0	1500	457	0	0.53	0	70.2	54.2	43.7	
3-4 AM	820	0.0	1500	820	0	0.57	0	69.7	53.0	42.3	
4-5 AM	2048	0.0	1499	2048	0	4.61	169	68.2	19.9	30.8	
5-6 AM	4158	0.0	1500	1483	2675	16.63+	416	62.5	7.6	33.2	
6-7 AM	5559	0.0	1499	1500	4059	16.29+	417	52.8	7.6	32.5	
7-8 AM	5043	0.0	1500	1500	3544	16.46+	417	56.4	7.6	32.5	
8-9 AM	4206	0.0	1499	1483	2723	16.67+	415	62.1	7.6	32.3	
9-10 AM	4145	0.0	1499	1492	2652	16.76+	416	62.5	7.6	31.4	
10-11 AM	4501	0.0	1499	1500	3001	16.71+	417	60.1	7.6	31.1	
11AM-NOON	4699	0.0	1500	1500	3199	16.65+	417	58.7	7.6	31.1	
NOON-1PM	4876	0.0	1500	1500	3376	16.60+	417	57.6	7.6	31.1	
1-2 PM	5502	0.0	1500	1500	4002	16.40+	417	53.3	7.6	31.1	
2-3 PM	5560	0.0	1500	1500	4060	16.38+	417	52.8	7.6	31.1	
3-4 PM	5417	0.0	1500	1500	3917	16.43+	417	53.8	7.6	31.1	
4-5 PM	5502	0.0	1500	1500	4002	16.40+	417	53.3	7.6	31.1	
5-6 PM	4988	0.0	1500	1500	3488	16.56+	417	56.8	7.6	31.1	
6-7 PM	3863	0.0	1499	1486	2377	16.83+	416	64.5	7.6	31.0	
7-8 PM	3186	0.0	1499	1475	1711	16.88+	415	66.8	7.6	30.8	
8-9 PM	2896	0.0	1499	1478	1419	16.88+	414	67.1	7.6	30.8	
9-10 PM	2467	0.0	1499	1494	974	16.79+	411	67.7	7.6	30.8	
10-11 PM	1654	0.0	1499	1439	215	16.52+	404	68.7	7.7	30.8	
11PM-MID	1056	0.0	1499	1056	0	4.97	189	69.4	18.8	36.1	

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

----- SITE BREAKDOWN DELAYS -----	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(VEH-H) MAX	0.0
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

----- SITE ACCIDENT DELAYS -----	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0
(VEH-H) MAX	0
AV BREAKDOWNS PER DAY	0
AV QUEUE DELAY/DAY (VEH-H)	0
AV TOTAL DELAY/DAY (VEH-H)	0

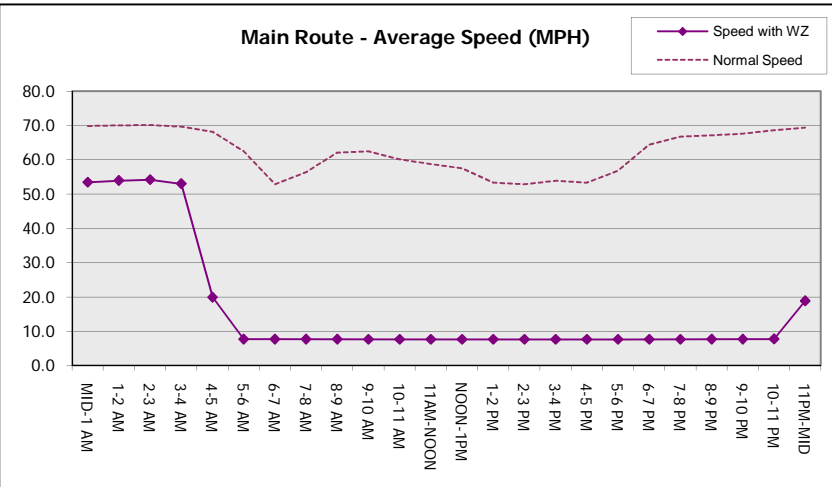
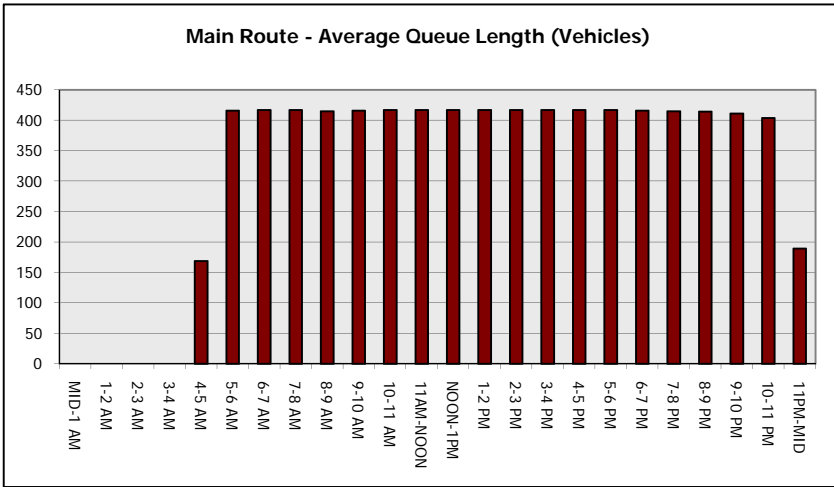
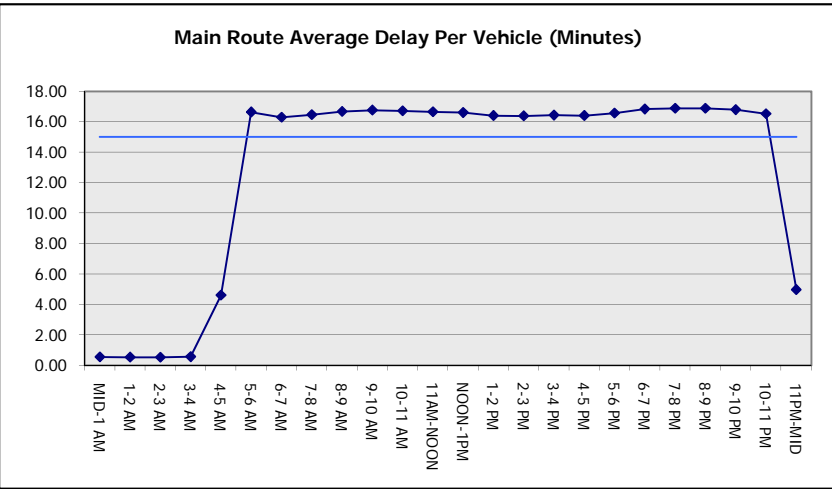
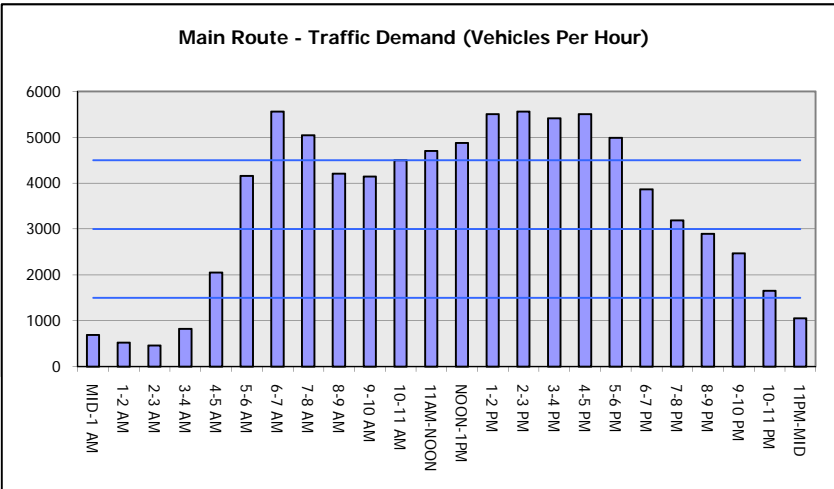
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0280
MAIN ROUTE WITH WORKS	0.0087
'DIVERSION'	0.0398
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$285,771
CONGESTED HOURS PER DAY*	18

*Delays Exceeding User-Specified Maximum

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Construction Season

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



IH 94: USH 41 TO IH 43 (MILWAUKEE COUNTY) CONTINUOUS (24 HOUR) 2 LANE CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
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SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR EASTBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR						AVERAGE SPEEDS IN MPH			
	MAIN ROUTE		SITE CAPA CITY	FLOW		AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		SITE
	DEMAND FLOW	PCT HEAVY		MAIN ROUTE	'DIVER TED'			WITHOUT WORK ZONE	WITH WORK ZONE	
MID-1 AM	630	0.0	1500	630	0	0.55	0	69.9	53.7	43.0
1-2 AM	519	0.0	1500	519	0	0.54	0	70.1	54.0	43.4
2-3 AM	546	0.0	1500	546	0	0.54	0	70.0	53.9	43.3
3-4 AM	810	0.0	1500	810	0	0.57	0	69.7	53.1	42.4
4-5 AM	2119	0.0	1499	2119	0	5.58+	202	68.1	17.6	30.8
5-6 AM	4219	0.0	1500	1304	2915	16.24+	408	62.0	7.8	34.8
6-7 AM	4887	0.0	1500	1500	3387	16.62+	417	57.4	7.6	30.8
7-8 AM	4550	0.0	1500	1500	3050	16.71+	417	59.8	7.6	30.8
8-9 AM	4032	0.0	1500	1500	2532	16.85+	417	63.3	7.6	30.8
9-10 AM	3706	0.0	1500	1500	2206	16.93+	417	65.5	7.6	30.8
10-11 AM	3694	0.0	1500	1500	2194	16.93+	417	65.6	7.6	30.8
11AM-NOON	3784	0.0	1500	1500	2284	16.91+	417	65.0	7.6	30.8
NOON-1PM	3806	0.0	1500	1500	2306	16.90+	417	64.8	7.6	30.8
1-2 PM	3913	0.0	1500	1500	2413	16.88+	417	64.1	7.6	30.8
2-3 PM	4132	0.0	1500	1500	2632	16.82+	417	62.6	7.6	30.8
3-4 PM	4270	0.0	1500	1500	2770	16.79+	417	61.7	7.6	30.8
4-5 PM	4409	0.0	1500	1500	2909	16.75+	417	60.7	7.6	30.8
5-6 PM	4019	0.0	1500	1500	2519	16.85+	417	63.4	7.6	30.8
6-7 PM	3301	0.0	1500	1499	1802	16.96+	417	66.6	7.6	30.8
7-8 PM	2830	0.0	1500	1496	1335	16.84+	413	67.2	7.6	30.8
8-9 PM	2605	0.0	1499	1498	1107	16.77+	411	67.5	7.6	30.8
9-10 PM	2270	0.0	1500	1500	770	16.76+	410	67.9	7.6	30.8
10-11 PM	1487	0.0	1500	1410	77	15.97+	390	68.9	7.9	30.8
11PM-MID	939	0.0	1499	939	0	2.48	113	69.6	29.4	38.7

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0.0
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0
AV BREAKDOWNS PER DAY	0
AV QUEUE DELAY/DAY (VEH-H)	0
AV TOTAL DELAY/DAY (VEH-H)	0

MAIN ROUTE WITHOUT WORKS	0.0239
MAIN ROUTE WITH WORKS	0.0087
'DIVERSION'	0.0304

PIA: Personal Injury Accidents

ROAD USER COSTS PER DAY	\$244,060
CONGESTED HOURS PER DAY*	19

*Delays Exceeding User-Specified Maximum

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MON-THUR EASTBOUND DIRECTION

