

IH 94: USH 41 AND IH 43 (MILWAUKEE COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	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		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	1404	0.0	3000	1404	0	0.34	0	69.0	58.1	49.7	
1-2 AM	1331	0.0	3000	1331	0	0.35	0	69.1	58.1	49.7	
2-3 AM	945	0.0	3000	945	0	0.35	0	69.6	58.2	49.7	
3-4 AM	694	0.0	3000	694	0	0.36	0	69.9	58.4	49.7	
4-5 AM	929	0.0	3000	929	0	0.35	0	69.6	58.2	49.7	
5-6 AM	1492	0.0	3000	1492	0	0.34	0	68.9	58.0	49.7	
6-7 AM	2162	0.0	3000	2162	0	0.33	0	68.1	57.7	49.7	
7-8 AM	2800	0.0	2999	2800	0	0.59	0	67.3	51.1	40.8	
8-9 AM	3469	0.0	2999	3469	0	3.57	197	66.4	23.5	37.3	
9-10 AM	3976	0.0	3000	3431	545	14.79+	792	63.7	10.8	37.3	
10-11 AM	4247	0.0	2999	3019	1228	16.96+	908	61.9	10.2	37.3	
11AM-NOON	4574	0.0	2999	3032	1541	17.44+	942	59.6	10.1	37.3	
NOON-1PM	4716	0.0	3000	3000	1716	17.58+	953	58.6	10.0	37.3	
1-2 PM	4770	0.0	3000	3000	1770	17.56+	953	58.2	10.0	37.3	
2-3 PM	4843	0.0	3000	3000	1843	17.53+	953	57.8	10.0	37.3	
3-4 PM	4732	0.0	3000	3000	1732	17.57+	953	58.6	10.0	37.3	
4-5 PM	4323	0.0	3000	2951	1371	17.21+	924	61.4	10.1	37.3	
5-6 PM	3546	0.0	3000	2994	552	16.85+	890	66.3	10.2	37.3	
6-7 PM	2983	0.0	3000	2937	46	16.60+	874	67.0	10.3	37.3	
7-8 PM	2715	0.0	2999	2715	0	13.23+	692	67.4	11.3	37.3	
8-9 PM	2952	0.0	3000	2952	0	9.99	510	67.1	12.7	37.3	
9-10 PM	3166	0.0	3000	3166	0	11.38	588	66.8	12.0	37.3	
10-11 PM	2788	0.0	2999	2788	0	11.53	597	67.3	11.9	37.3	
11PM-MID	1976	0.0	2999	1976	0	1.41	121	68.2	39.1	48.1	

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

----- SITE BREAKDOWN DELAYS -----	
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

----- SITE ACCIDENT DELAYS -----	
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

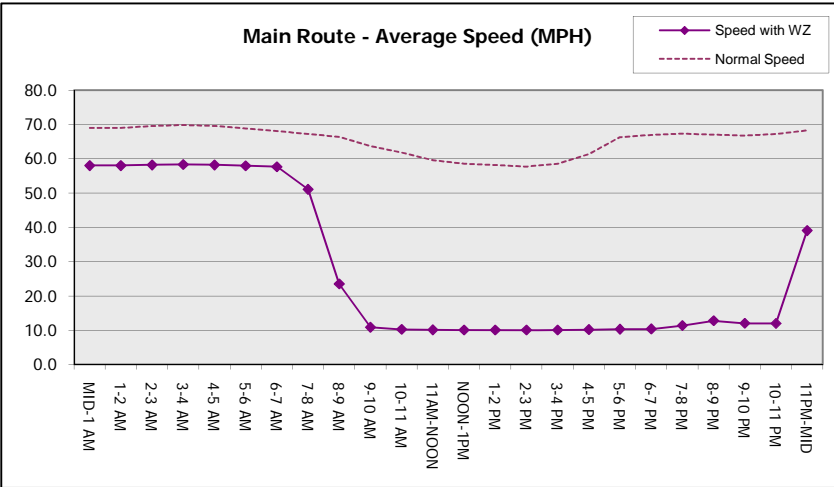
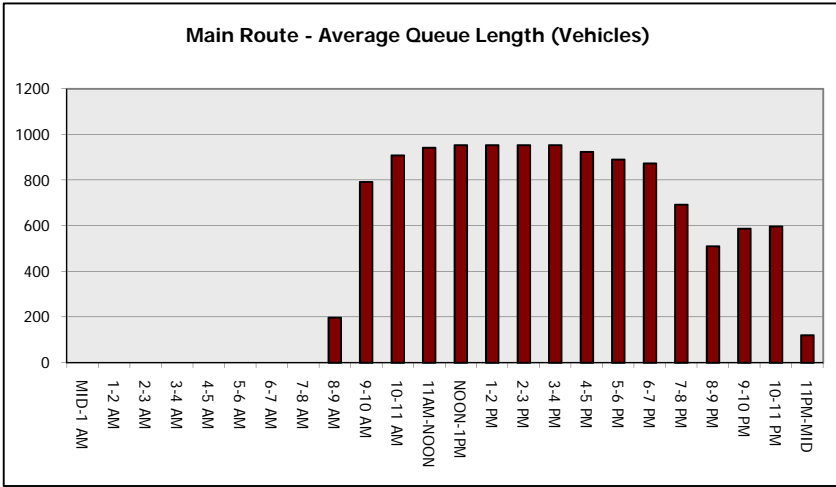
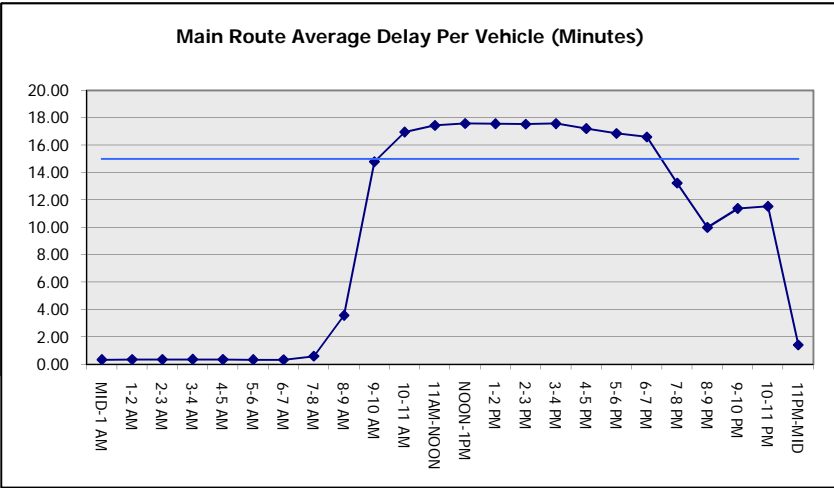
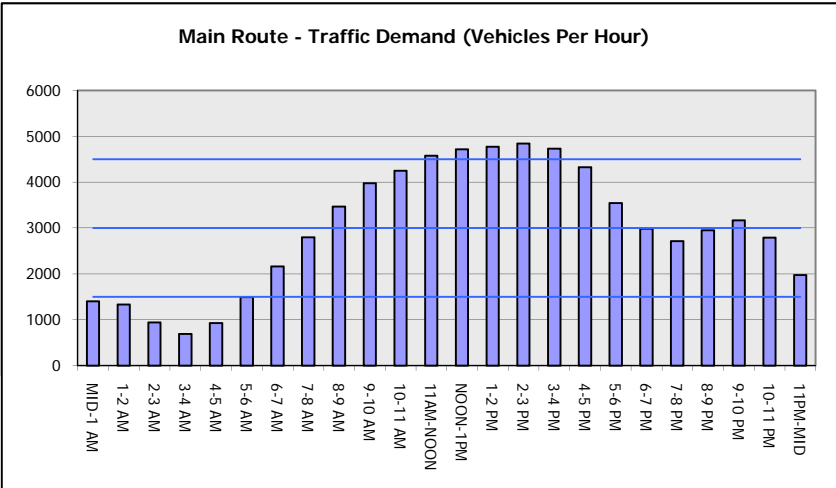
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0239
MAIN ROUTE WITH WORKS	0.0159
'DIVERSION'	0.0096
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$244,687
CONGESTED HOURS PER DAY*	11

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY WESTBOUND DIRECTION



IH 94: USH 41 AND IH 43 (MILWAUKEE COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
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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 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	905	0.0	3000	905	0	0.35	0	69.6	58.2	49.7
1-2 AM	716	0.0	3000	716	0	0.36	0	69.9	58.4	49.7
2-3 AM	576	0.0	3000	576	0	0.36	0	70.0	58.4	49.7
3-4 AM	540	0.0	3000	540	0	0.36	0	70.0	58.4	49.7
4-5 AM	835	0.0	3000	835	0	0.35	0	69.7	58.3	49.7
5-6 AM	1304	0.0	3000	1304	0	0.35	0	69.1	58.1	49.7
6-7 AM	1904	0.0	3000	1904	0	0.34	0	68.4	57.8	49.7
7-8 AM	2533	0.0	2999	2533	0	0.42	0	67.6	55.1	46.3
8-9 AM	3040	0.0	2999	3040	0	0.98	17	66.9	44.0	37.7
9-10 AM	3307	0.0	3000	3307	0	4.19	208	66.6	20.9	37.3
10-11 AM	3438	0.0	3000	3438	0	11.01+	579	66.4	12.2	37.3
11AM-NOON	3764	0.0	2999	3051	713	16.86+	893	65.1	10.2	37.3
NOON-1PM	3828	0.0	3000	3014	814	16.82+	892	64.7	10.2	37.3
1-2 PM	3782	0.0	3000	3007	775	16.82+	892	65.0	10.2	37.3
2-3 PM	3728	0.0	3000	3003	725	16.83+	891	65.4	10.2	37.3
3-4 PM	3545	0.0	3000	3001	544	16.85+	889	66.3	10.2	37.3
4-5 PM	3276	0.0	3000	2999	277	16.82+	887	66.6	10.2	37.3
5-6 PM	3480	0.0	2999	3001	480	16.84+	889	66.4	10.2	37.3
6-7 PM	3573	0.0	3000	3001	573	16.85+	890	66.3	10.2	37.3
7-8 PM	2956	0.0	3000	2944	12	16.54+	871	67.1	10.3	37.3
8-9 PM	3112	0.0	3000	3049	63	16.54+	871	66.9	10.3	37.3
9-10 PM	3086	0.0	3000	2989	96	16.73+	882	66.9	10.2	37.3
10-11 PM	2235	0.0	2999	2235	0	9.31+	536	67.9	13.7	41.9
11PM-MID	1569	0.0	3000	1569	0	0.40	4	68.8	56.5	49.7

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

----- SITE BREAKDOWN DELAYS -----	
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

----- SITE ACCIDENT DELAYS -----	
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

AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0204
MAIN ROUTE WITH WORKS	0.0150
'DIVERSION'	0.0039

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$199,475
CONGESTED HOURS PER DAY*	13

*Delays Exceeding User-Specified Maximum

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SATURDAY EASTBOUND DIRECTION

