

**IH 794: IH 43 TO LINCOLN MEMORIAL DR (MILWAUKEE COUNTY)
CONTINUOUS (24 HOUR) CLOSURE
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

MAY
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		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	735	0.0	3000	735	0	0.18	0	69.8	57.8	49.7
1-2 AM	651	0.0	3000	651	0	0.18	0	69.9	57.8	49.7
2-3 AM	336	0.0	3000	336	0	0.18	0	70.2	57.9	49.7
3-4 AM	260	0.0	3000	260	0	0.18	0	70.2	57.9	49.7
4-5 AM	498	0.0	3000	498	0	0.18	0	70.1	57.9	49.7
5-6 AM	1554	0.0	3000	1554	0	0.17	0	68.8	57.4	49.7
6-7 AM	3553	0.0	2999	3553	0	2.60	187	66.3	19.7	37.3
7-8 AM	4409	0.0	2999	3402	1007	16.45+	903	60.7	8.3	37.3
8-9 AM	3155	0.0	3000	2914	240	16.78+	904	66.8	8.3	37.3
9-10 AM	2740	0.0	2999	2740	0	13.77+	739	67.3	8.7	37.3
10-11 AM	3128	0.0	3000	3128	0	11.96	639	66.8	9.1	37.3
11AM-NOON	3799	0.0	2999	3182	618	16.53+	895	64.9	8.3	37.3
NOON-1PM	3772	0.0	3000	2999	773	16.94+	917	65.1	8.2	37.3
1-2 PM	4141	0.0	2999	3029	1112	17.07+	929	62.6	8.2	37.3
2-3 PM	4992	0.0	2999	3011	1981	17.95+	993	56.8	8.1	37.3
3-4 PM	5165	0.0	3000	3000	2165	17.91+	995	55.6	8.1	37.3
4-5 PM	4876	0.0	3000	3026	1849	17.94+	991	57.6	8.1	37.3
5-6 PM	3714	0.0	3000	2946	768	17.05+	922	65.5	8.2	37.3
6-7 PM	2888	0.0	2999	2823	65	16.11+	868	67.1	8.3	37.3
7-8 PM	2161	0.0	2999	2161	0	4.29	365	68.1	16.3	43.9
8-9 PM	2004	0.0	3000	2004	0	0.17	0	68.2	57.2	49.7
9-10 PM	2125	0.0	3000	2125	0	0.17	0	68.1	57.2	49.7
10-11 PM	2027	0.0	3000	2027	0	0.17	0	68.2	57.2	49.7
11PM-MID	1527	0.0	3000	1527	0	0.17	0	68.8	57.4	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

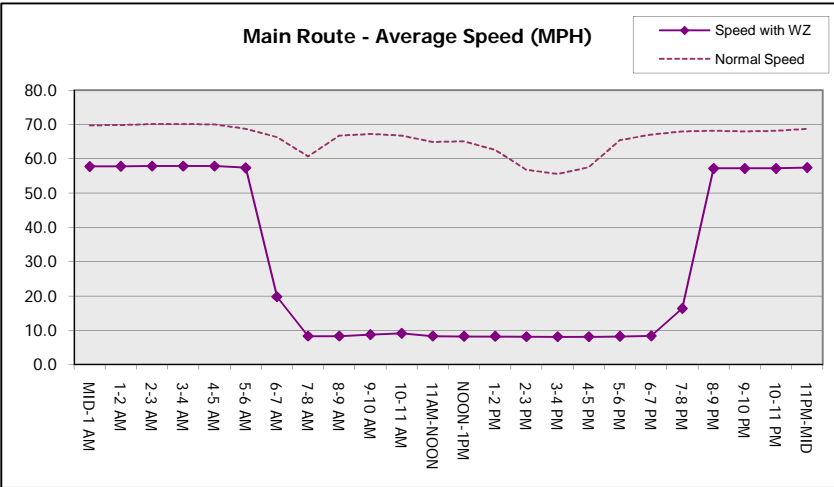
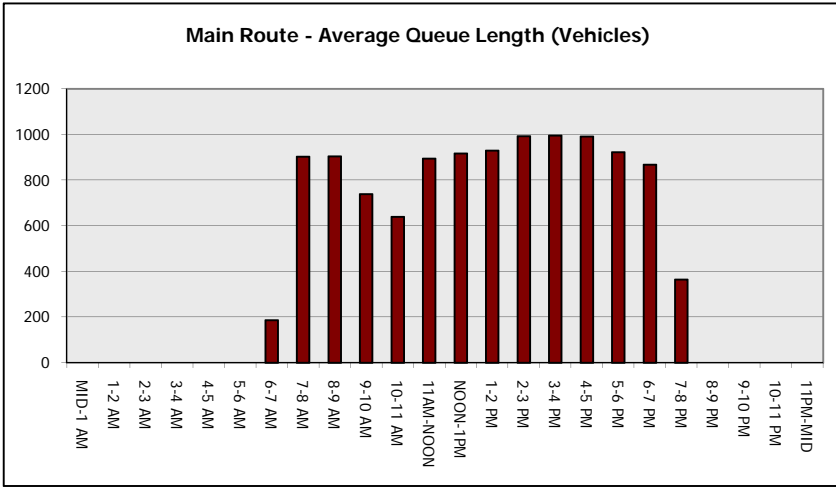
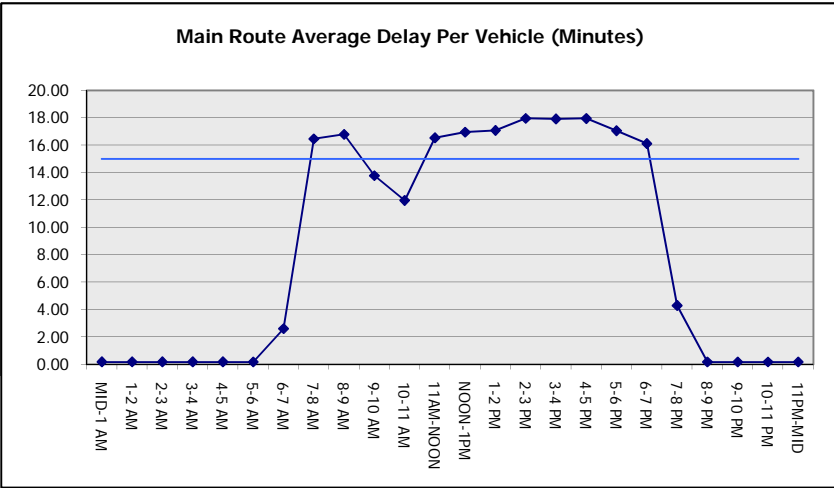
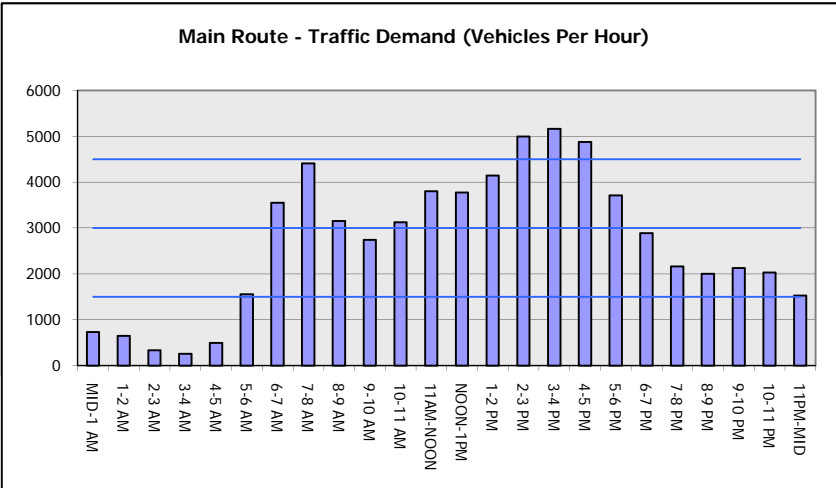
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0102
MAIN ROUTE WITH WORKS	0.0027
'DIVERSION'	0.0039
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$178,768
CONGESTED HOURS PER DAY*	11

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY WESTBOUND DIRECTION



IH 794: IH 43 TO LINCOLN MEMORIAL DR (MILWAUKEE COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

FRIDAY 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	576	0.0	3000	576	0	0.18	0	70.0	57.8	49.7
1-2 AM	369	0.0	3000	369	0	0.18	0	70.2	57.9	49.7
2-3 AM	278	0.0	3000	278	0	0.18	0	70.2	57.9	49.7
3-4 AM	315	0.0	3000	315	0	0.18	0	70.2	57.9	49.7
4-5 AM	748	0.0	3000	748	0	0.18	0	69.8	57.8	49.7
5-6 AM	2670	0.0	2999	2670	0	0.53	26	67.4	42.1	43.5
6-7 AM	5067	0.0	3000	3881	1186	13.27+	770	56.3	8.9	37.3
7-8 AM	5118	0.0	3000	3000	2118	17.93+	995	55.9	8.1	37.3
8-9 AM	4363	0.0	3000	2939	1424	17.65+	965	61.0	8.1	37.3
9-10 AM	3322	0.0	3000	2993	329	16.90+	912	66.6	8.3	37.3
10-11 AM	3156	0.0	2999	2996	160	16.88+	910	66.8	8.3	37.3
11AM-NOON	3295	0.0	2999	2999	296	16.90+	911	66.6	8.3	37.3
NOON-1PM	3176	0.0	3000	2999	177	16.88+	910	66.8	8.3	37.3
1-2 PM	3346	0.0	2999	3001	346	16.91+	912	66.6	8.3	37.3
2-3 PM	3521	0.0	3000	3001	519	16.94+	914	66.4	8.3	37.3
3-4 PM	3933	0.0	2999	3004	930	16.94+	919	64.0	8.2	37.3
4-5 PM	4265	0.0	3000	3031	1234	17.20+	938	61.7	8.2	37.3
5-6 PM	4245	0.0	3000	2980	1265	17.28+	942	61.9	8.2	37.3
6-7 PM	3609	0.0	3000	2992	617	16.95+	915	66.2	8.3	37.3
7-8 PM	2583	0.0	2999	2583	0	13.94+	752	67.5	8.7	37.3
8-9 PM	2310	0.0	2999	2310	0	1.67	186	67.9	26.8	45.3
9-10 PM	2500	0.0	3000	2500	0	0.20	0	67.6	55.0	46.8
10-11 PM	2059	0.0	3000	2059	0	0.17	0	68.2	57.2	49.7
11PM-MID	1292	0.0	3000	1292	0	0.18	0	69.1	57.5	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	0.0105
MAIN ROUTE WITH WORKS	0.0028
'DIVERSION'	0.0039

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$198,993
CONGESTED HOURS PER DAY*	14

*Delays Exceeding User-Specified Maximum

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FRIDAY EASTBOUND DIRECTION

