

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

AUGUST

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	1318	0.0	3000	1318	0	0.17	0	69.1	57.5	49.7	
1-2 AM	1047	0.0	3000	1047	0	0.18	0	69.4	57.6	49.7	
2-3 AM	786	0.0	3000	786	0	0.18	0	69.7	57.8	49.7	
3-4 AM	368	0.0	3000	368	0	0.18	0	70.2	57.9	49.7	
4-5 AM	351	0.0	3000	351	0	0.18	0	70.2	57.9	49.7	
5-6 AM	625	0.0	3000	625	0	0.18	0	69.9	57.8	49.7	
6-7 AM	1057	0.0	3000	1057	0	0.18	0	69.4	57.6	49.7	
7-8 AM	1525	0.0	3000	1525	0	0.17	0	68.8	57.4	49.7	
8-9 AM	1891	0.0	3000	1891	0	0.17	0	68.4	57.3	49.7	
9-10 AM	2359	0.0	3000	2359	0	0.17	0	67.8	57.1	49.7	
10-11 AM	2721	0.0	2999	2721	0	0.28	0	67.4	51.4	42.1	
11AM-NOON	3083	0.0	2999	3083	0	0.92	34	66.9	33.0	37.3	
NOON-1PM	2949	0.0	2999	2949	0	1.48	62	67.1	25.3	37.3	
1-2 PM	2949	0.0	3000	2949	0	0.48	7	67.1	43.8	37.8	
2-3 PM	3133	0.0	2999	3133	0	1.41	65	66.8	26.0	37.3	
3-4 PM	2982	0.0	2999	2982	0	2.78	132	67.0	16.8	37.3	
4-5 PM	2876	0.0	3000	2876	0	1.52	73	67.1	24.9	38.3	
5-6 PM	2347	0.0	3000	2347	0	0.17	0	67.8	57.1	49.7	
6-7 PM	2058	0.0	3000	2058	0	0.17	0	68.2	57.2	49.7	
7-8 PM	1939	0.0	3000	1939	0	0.17	0	68.3	57.3	49.7	
8-9 PM	2150	0.0	3000	2150	0	0.17	0	68.1	57.1	49.7	
9-10 PM	2468	0.0	3000	2468	0	0.19	0	67.7	55.6	47.6	
10-11 PM	2395	0.0	3000	2395	0	0.17	0	67.8	56.9	49.5	
11PM-MID	2393	0.0	3000	2393	0	0.17	0	67.8	56.9	49.5	

----- 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	0.0076
MAIN ROUTE WITH WORKS	0.0024
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS

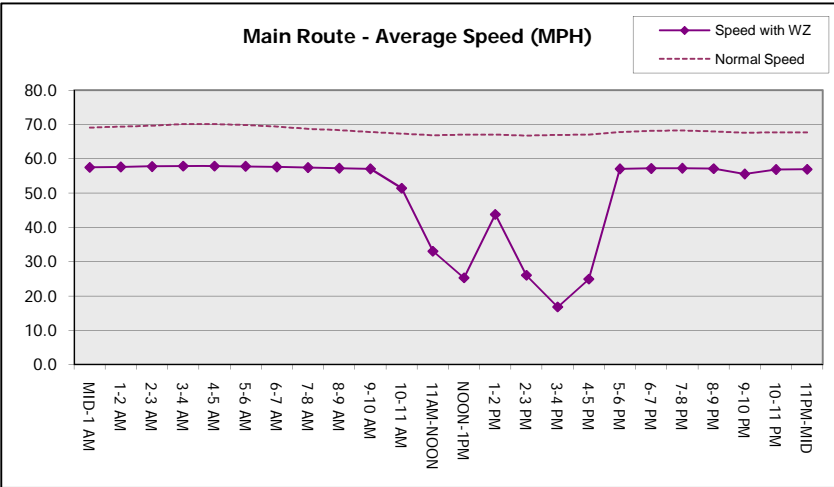
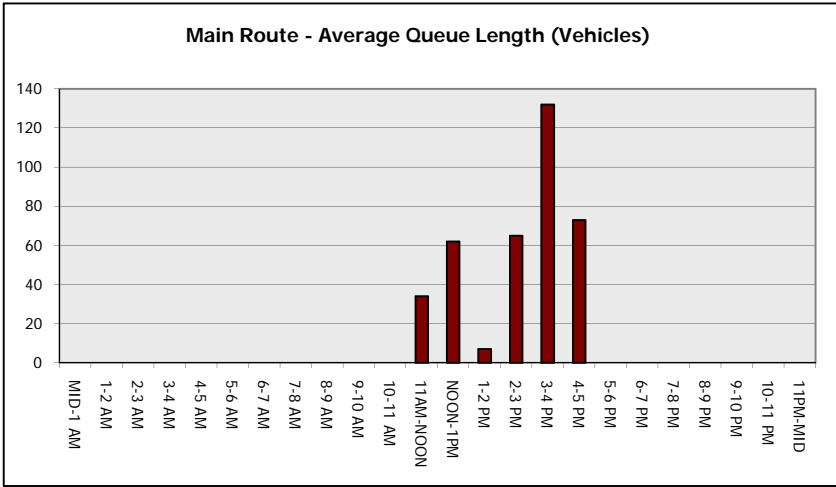
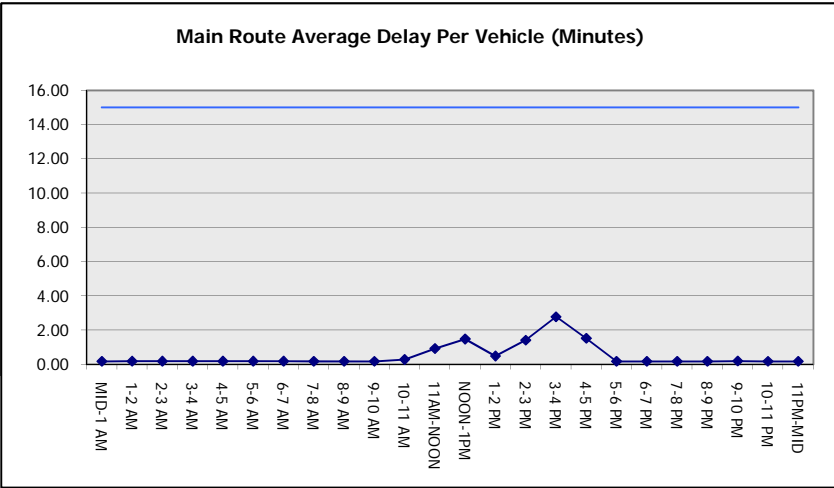
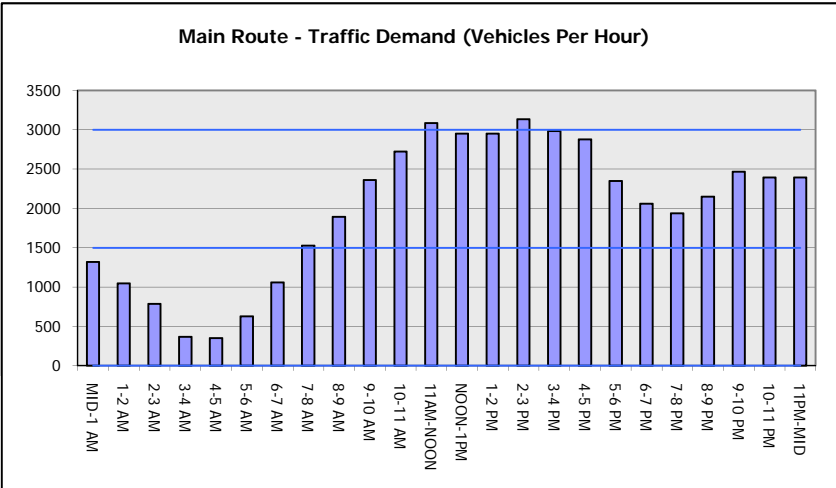
ROAD USER COSTS PER DAY	\$8,658
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY WESTBOUND DIRECTION



IH 794: IH 43 TO LINCOLN MEMORIAL DR (MILWAUKEE COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	AUGUST
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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	771	0.0	3000	771	0	0.18	0	69.8	57.8	49.7
1-2 AM	446	0.0	3000	446	0	0.18	0	70.2	57.9	49.7
2-3 AM	379	0.0	3000	379	0	0.18	0	70.2	57.9	49.7
3-4 AM	344	0.0	3000	344	0	0.18	0	70.2	57.9	49.7
4-5 AM	440	0.0	3000	440	0	0.18	0	70.2	57.9	49.7
5-6 AM	773	0.0	3000	773	0	0.18	0	69.8	57.8	49.7
6-7 AM	1183	0.0	3000	1183	0	0.18	0	69.2	57.6	49.7
7-8 AM	1554	0.0	3000	1554	0	0.17	0	68.8	57.4	49.7
8-9 AM	2051	0.0	3000	2051	0	0.17	0	68.2	57.2	49.7
9-10 AM	2357	0.0	3000	2357	0	0.17	0	67.8	57.1	49.7
10-11 AM	2601	0.0	2999	2601	0	0.24	0	67.5	53.3	44.6
11AM-NOON	3056	0.0	2999	3056	0	0.58	14	66.9	40.6	37.3
NOON-1PM	3054	0.0	2999	3054	0	1.80	80	66.9	22.2	37.3
1-2 PM	3137	0.0	3000	3137	0	3.41	171	66.8	15.2	37.3
2-3 PM	3259	0.0	3000	3259	0	7.03	372	66.7	10.9	37.3
3-4 PM	3237	0.0	2999	3237	0	11.59	620	66.7	9.1	37.3
4-5 PM	3349	0.0	3000	3159	191	16.04+	865	66.6	8.3	37.3
5-6 PM	3583	0.0	3000	3008	576	16.95+	914	66.3	8.3	37.3
6-7 PM	3272	0.0	3000	3001	270	16.89+	911	66.7	8.3	37.3
7-8 PM	2732	0.0	2999	2732	0	14.79+	796	67.3	8.5	37.3
8-9 PM	2622	0.0	2999	2622	0	8.50	456	67.5	10.2	37.3
9-10 PM	2614	0.0	3000	2614	0	1.20	97	67.5	29.7	41.7
10-11 PM	2368	0.0	3000	2368	0	0.17	0	67.8	57.1	49.7
11PM-MID	1765	0.0	3000	1765	0	0.17	0	68.6	57.3	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	0.0081
MAIN ROUTE WITH WORKS	0.0025
'DIVERSION'	0.0004

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$88,122
CONGESTED HOURS PER DAY*	4

*Delays Exceeding User-Specified Maximum

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SATURDAY EASTBOUND DIRECTION

