

**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**

SUNDAY 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	1545	0.0	3000	1545	0	0.17	0	68.8	57.4	49.7
1-2 AM	1261	0.0	3000	1261	0	0.18	0	69.2	57.5	49.7
2-3 AM	967	0.0	3000	967	0	0.18	0	69.6	57.6	49.7
3-4 AM	392	0.0	3000	392	0	0.18	0	70.2	57.9	49.7
4-5 AM	296	0.0	3000	296	0	0.18	0	70.2	57.9	49.7
5-6 AM	453	0.0	3000	453	0	0.18	0	70.2	57.9	49.7
6-7 AM	697	0.0	3000	697	0	0.18	0	69.9	57.8	49.7
7-8 AM	948	0.0	3000	948	0	0.18	0	69.6	57.7	49.7
8-9 AM	1356	0.0	3000	1356	0	0.17	0	69.1	57.5	49.7
9-10 AM	1928	0.0	3000	1928	0	0.17	0	68.3	57.3	49.7
10-11 AM	2413	0.0	3000	2413	0	0.17	0	67.8	56.6	49.0
11AM-NOON	2878	0.0	3000	2878	0	0.33	0	67.1	49.1	39.2
NOON-1PM	2822	0.0	3000	2822	0	0.31	0	67.3	49.9	40.2
1-2 PM	2782	0.0	3000	2782	0	0.30	0	67.3	50.5	40.9
2-3 PM	2899	0.0	3000	2899	0	0.34	0	67.1	48.8	38.8
3-4 PM	2801	0.0	3000	2801	0	0.30	0	67.3	50.2	40.6
4-5 PM	2554	0.0	3000	2554	0	0.22	0	67.6	54.1	45.5
5-6 PM	2327	0.0	3000	2327	0	0.17	0	67.8	57.1	49.7
6-7 PM	2154	0.0	3000	2154	0	0.17	0	68.1	57.1	49.7
7-8 PM	2011	0.0	3000	2011	0	0.17	0	68.2	57.2	49.7
8-9 PM	1778	0.0	3000	1778	0	0.17	0	68.5	57.3	49.7
9-10 PM	1627	0.0	3000	1627	0	0.17	0	68.7	57.4	49.7
10-11 PM	1473	0.0	3000	1473	0	0.17	0	68.9	57.4	49.7
11PM-MID	895	0.0	3000	895	0	0.18	0	69.6	57.7	49.7

**\*----- 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	0.0066
MAIN ROUTE WITH WORKS	0.0021
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

**IMPACTS ON ROAD USERS**

ROAD USER COSTS PER DAY	\$2,373
CONGESTED HOURS PER DAY*	0

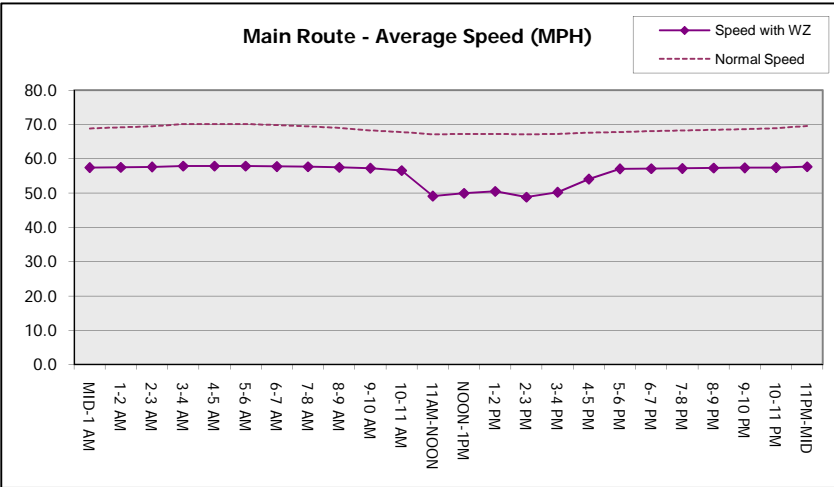
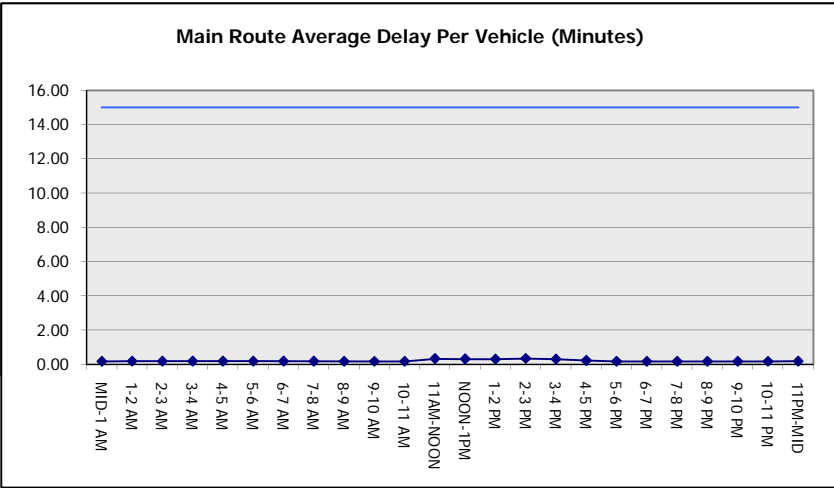
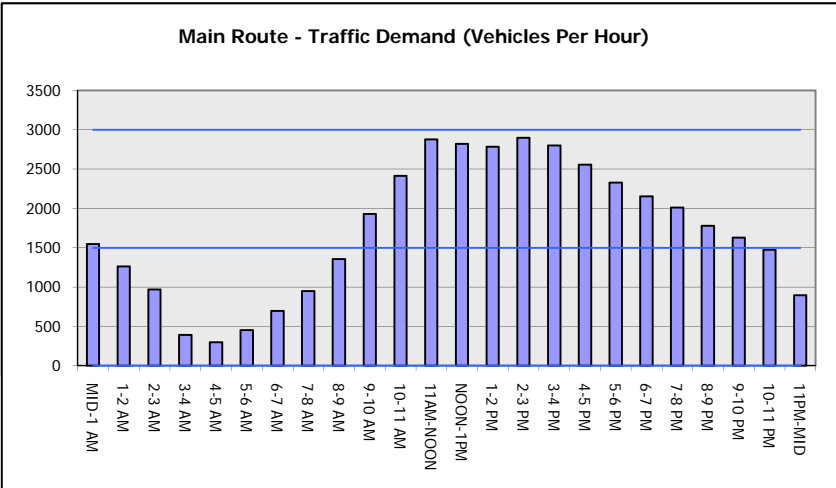
\*Delays Exceeding User-Specified Maximum

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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**

**SUNDAY WESTBOUND DIRECTION**



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

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SUNDAY 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	1012	0.0	3000	1012	0	0.18	0	69.5	57.6	49.7
1-2 AM	578	0.0	3000	578	0	0.18	0	70.0	57.8	49.7
2-3 AM	415	0.0	3000	415	0	0.18	0	70.2	57.9	49.7
3-4 AM	333	0.0	3000	333	0	0.18	0	70.2	57.9	49.7
4-5 AM	327	0.0	3000	327	0	0.18	0	70.2	57.9	49.7
5-6 AM	531	0.0	3000	531	0	0.18	0	70.0	57.8	49.7
6-7 AM	737	0.0	3000	737	0	0.18	0	69.8	57.8	49.7
7-8 AM	962	0.0	3000	962	0	0.18	0	69.6	57.6	49.7
8-9 AM	1795	0.0	3000	1795	0	0.17	0	68.5	57.3	49.7
9-10 AM	1978	0.0	3000	1978	0	0.17	0	68.2	57.3	49.7
10-11 AM	2426	0.0	3000	2426	0	0.18	0	67.7	56.3	48.6
11AM-NOON	2763	0.0	3000	2763	0	0.29	0	67.3	50.7	41.2
NOON-1PM	2920	0.0	3000	2920	0	0.34	0	67.1	48.5	38.5
1-2 PM	2926	0.0	3000	2926	0	0.34	0	67.1	48.4	38.4
2-3 PM	2916	0.0	2999	2916	0	0.34	0	67.1	48.6	38.6
3-4 PM	3028	0.0	2999	3028	0	0.59	12	66.9	40.5	37.3
4-5 PM	2964	0.0	2999	2964	0	0.57	12	67.1	40.9	37.5
5-6 PM	2982	0.0	2999	2982	0	0.42	3	67.0	45.6	37.6
6-7 PM	2663	0.0	3000	2663	0	0.26	0	67.4	52.3	43.2
7-8 PM	2352	0.0	3000	2352	0	0.17	0	67.8	57.1	49.7
8-9 PM	2072	0.0	3000	2072	0	0.17	0	68.2	57.2	49.7
9-10 PM	1705	0.0	3000	1705	0	0.17	0	68.6	57.3	49.7
10-11 PM	1201	0.0	3000	1201	0	0.18	0	69.2	57.6	49.7
11PM-MID	684	0.0	3000	684	0	0.18	0	69.9	57.8	49.7

*----- 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	0.0067
MAIN ROUTE WITH WORKS	0.0021
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$3,209
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SUNDAY EASTBOUND DIRECTION**

