

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

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	1121	0.0	3000	1121	0	0.18	0	69.4	57.6	49.7
1-2 AM	1215	0.0	3000	1215	0	0.18	0	69.2	57.6	49.7
2-3 AM	731	0.0	3000	731	0	0.18	0	69.8	57.8	49.7
3-4 AM	300	0.0	3000	300	0	0.18	0	70.2	57.9	49.7
4-5 AM	230	0.0	3000	230	0	0.18	0	70.2	57.9	49.7
5-6 AM	391	0.0	3000	391	0	0.18	0	70.2	57.9	49.7
6-7 AM	617	0.0	3000	617	0	0.18	0	70.0	57.8	49.7
7-8 AM	885	0.0	3000	885	0	0.18	0	69.6	57.7	49.7
8-9 AM	1279	0.0	3000	1279	0	0.18	0	69.1	57.5	49.7
9-10 AM	1876	0.0	3000	1876	0	0.17	0	68.4	57.3	49.7
10-11 AM	2436	0.0	3000	2436	0	0.18	0	67.7	56.1	48.4
11AM-NOON	2872	0.0	3000	2872	0	0.33	0	67.2	49.2	39.3
NOON-1PM	2693	0.0	3000	2693	0	0.27	0	67.4	51.9	42.6
1-2 PM	2653	0.0	3000	2653	0	0.25	0	67.4	52.5	43.4
2-3 PM	2778	0.0	3000	2778	0	0.30	0	67.3	50.5	41.0
3-4 PM	2860	0.0	3000	2860	0	0.32	0	67.2	49.4	39.5
4-5 PM	2508	0.0	3000	2508	0	0.21	0	67.6	54.9	46.6
5-6 PM	1933	0.0	3000	1933	0	0.17	0	68.3	57.3	49.7
6-7 PM	1843	0.0	3000	1843	0	0.17	0	68.4	57.3	49.7
7-8 PM	1503	0.0	3000	1503	0	0.17	0	68.9	57.4	49.7
8-9 PM	1404	0.0	3000	1404	0	0.17	0	69.0	57.4	49.7
9-10 PM	1187	0.0	3000	1187	0	0.18	0	69.2	57.6	49.7
10-11 PM	835	0.0	3000	835	0	0.18	0	69.7	57.7	49.7
11PM-MID	552	0.0	3000	552	0	0.18	0	70.0	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	0.0058
MAIN ROUTE WITH WORKS	0.0019
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$2,065
CONGESTED HOURS PER DAY*	0

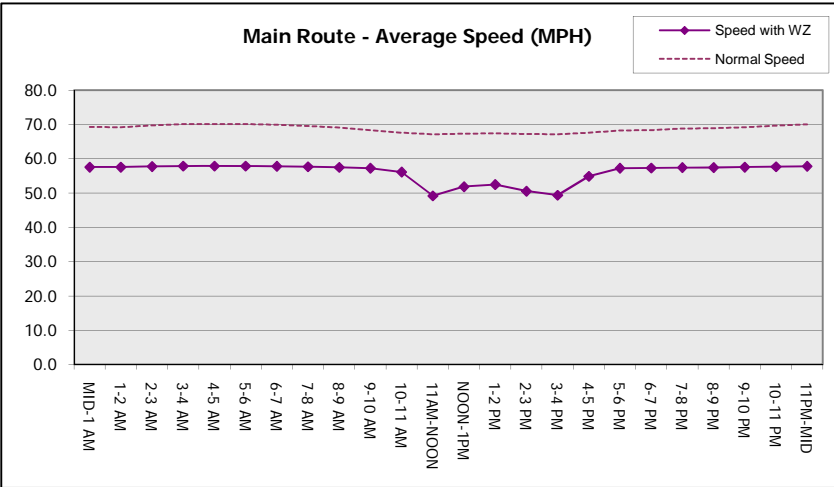
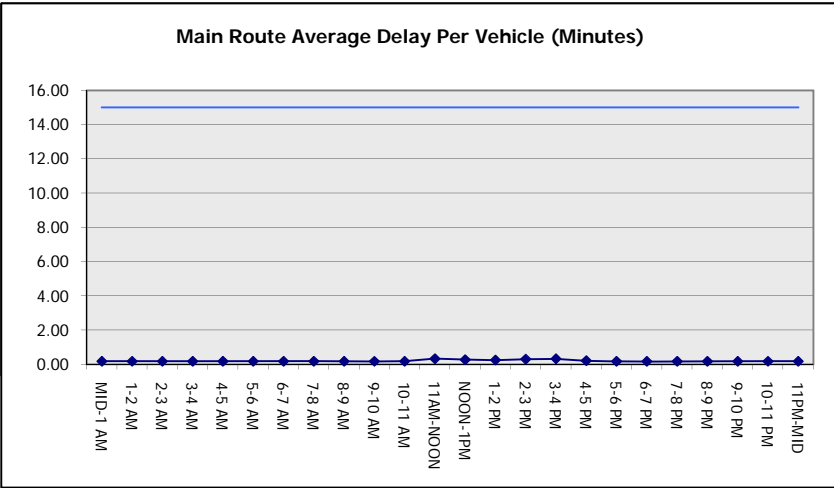
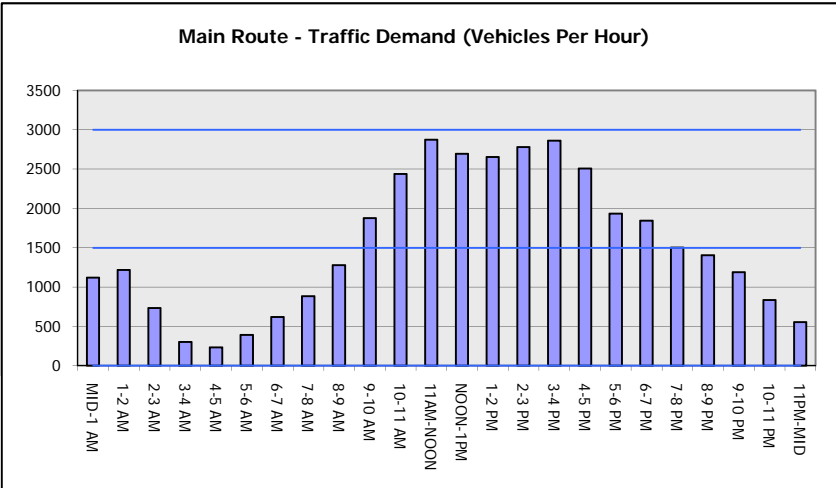
*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SUNDAY WESTBOUND DIRECTION



IH 794: IH 43 TO LINCOLN MEMORIAL DR (MILWAUKEE COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
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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	681	0.0	3000	681	0	0.18	0	69.9	57.8	49.7
1-2 AM	455	0.0	3000	455	0	0.18	0	70.2	57.9	49.7
2-3 AM	313	0.0	3000	313	0	0.18	0	70.2	57.9	49.7
3-4 AM	214	0.0	3000	214	0	0.18	0	70.2	57.9	49.7
4-5 AM	249	0.0	3000	249	0	0.18	0	70.2	57.9	49.7
5-6 AM	433	0.0	3000	433	0	0.18	0	70.2	57.9	49.7
6-7 AM	626	0.0	3000	626	0	0.18	0	69.9	57.8	49.7
7-8 AM	970	0.0	3000	970	0	0.18	0	69.6	57.6	49.7
8-9 AM	1551	0.0	3000	1551	0	0.17	0	68.8	57.4	49.7
9-10 AM	1756	0.0	3000	1756	0	0.17	0	68.6	57.3	49.7
10-11 AM	2324	0.0	3000	2324	0	0.17	0	67.9	57.1	49.7
11AM-NOON	2793	0.0	3000	2793	0	0.30	0	67.3	50.3	40.7
NOON-1PM	2987	0.0	3000	2987	0	0.36	0	67.0	47.6	37.4
1-2 PM	2836	0.0	3000	2836	0	0.31	0	67.2	49.7	39.9
2-3 PM	2726	0.0	3000	2726	0	0.28	0	67.3	51.3	41.9
3-4 PM	2673	0.0	3000	2673	0	0.26	0	67.4	52.2	43.0
4-5 PM	2672	0.0	3000	2672	0	0.26	0	67.4	52.2	43.0
5-6 PM	2709	0.0	3000	2709	0	0.27	0	67.4	51.6	42.3
6-7 PM	2399	0.0	3000	2399	0	0.17	0	67.8	56.8	49.4
7-8 PM	2007	0.0	3000	2007	0	0.17	0	68.2	57.2	49.7
8-9 PM	1786	0.0	3000	1786	0	0.17	0	68.5	57.3	49.7
9-10 PM	1527	0.0	3000	1527	0	0.17	0	68.8	57.4	49.7
10-11 PM	1018	0.0	3000	1018	0	0.18	0	69.5	57.6	49.7
11PM-MID	585	0.0	3000	585	0	0.18	0	70.0	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	0.0061
MAIN ROUTE WITH WORKS	0.0019
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$2,256
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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SUNDAY EASTBOUND DIRECTION

