

**IH 794: IH 43 TO LINCOLN MEMORIAL DR (MILWAUKEE COUNTY)
NIGHTTIME 2 LANE 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	1500	1121	0	0.31	0	69.4	51.2	41.2	
1-2 AM	1215	0.0	1500	1215	0	0.37	0	69.2	48.6	38.0	
2-3 AM	731	0.0	1500	731	0	0.28	0	69.8	52.5	42.7	
3-4 AM	300	0.0	1500	300	0	0.26	0	70.2	53.9	44.3	
4-5 AM	230	0.0	1500	230	0	0.25	0	70.2	54.2	44.6	
5-6 AM	391	0.0	1500	391	0	0.26	0	70.2	53.7	43.9	
6-7 AM	617	0.0	1500	617	0	0.28	0	70.0	52.9	43.0	
7-8 AM	885	0.0	1500	885	0	0.29	0	69.6	52.0	42.1	
8-9 AM	1279	0.0	1499	1279	0	0.40	0	69.1	47.2	36.5	
9-10 AM	1876	0.0	OFF	1876	0	0.00	0	68.4	68.4	68.4	
10-11 AM	2436	0.0	OFF	2436	0	0.00	0	67.7	67.7	67.7	
11AM-NOON	2872	0.0	OFF	2872	0	0.00	0	67.2	67.2	67.2	
NOON-1PM	2693	0.0	OFF	2693	0	0.00	0	67.4	67.4	67.4	
1-2 PM	2653	0.0	OFF	2653	0	0.00	0	67.4	67.4	67.4	
2-3 PM	2778	0.0	OFF	2778	0	0.00	0	67.3	67.3	67.3	
3-4 PM	2860	0.0	OFF	2860	0	0.00	0	67.2	67.2	67.2	
4-5 PM	2508	0.0	OFF	2508	0	0.00	0	67.6	67.6	67.6	
5-6 PM	1933	0.0	OFF	1933	0	0.00	0	68.3	68.3	68.3	
6-7 PM	1843	0.0	OFF	1843	0	0.00	0	68.4	68.4	68.4	
7-8 PM	1503	0.0	1499	1503	0	1.13	15	68.9	30.0	31.1	
8-9 PM	1404	0.0	1500	1404	0	0.49	0	69.0	44.0	32.9	
9-10 PM	1187	0.0	1500	1187	0	0.35	0	69.2	49.4	38.9	
10-11 PM	835	0.0	1500	835	0	0.29	0	69.7	52.2	42.3	
11PM-MID	552	0.0	1500	552	0	0.27	0	70.0	53.2	43.3	

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

----- 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	0.0045
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,512
CONGESTED HOURS PER DAY*	0

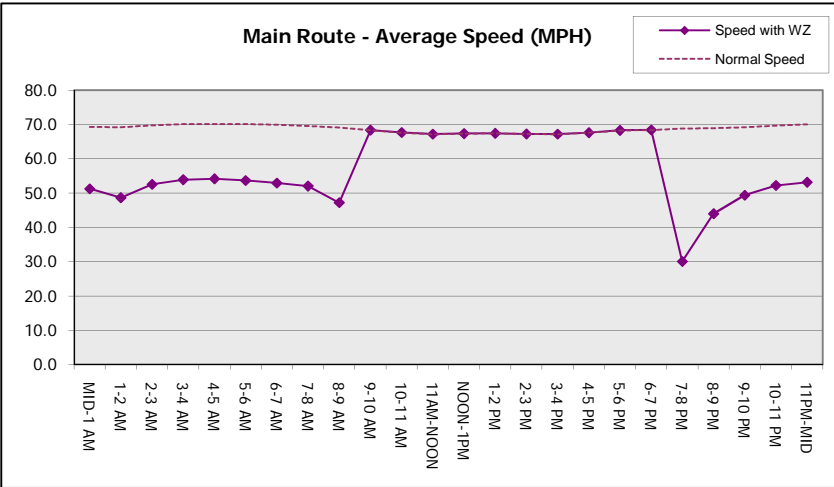
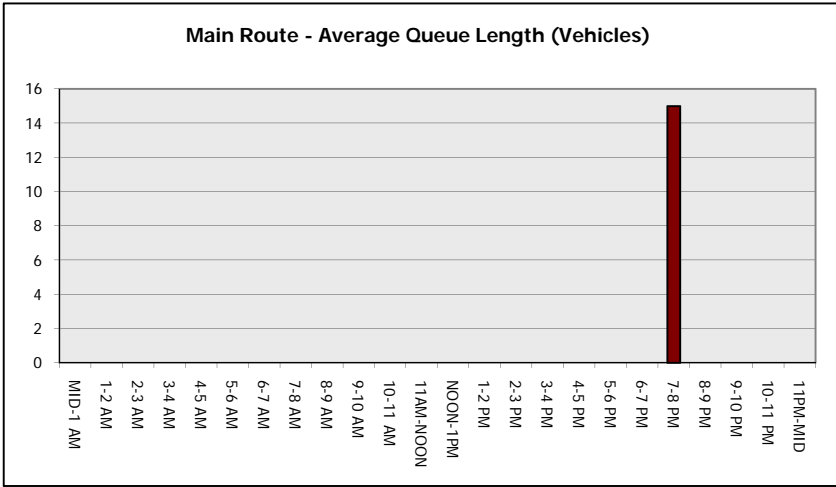
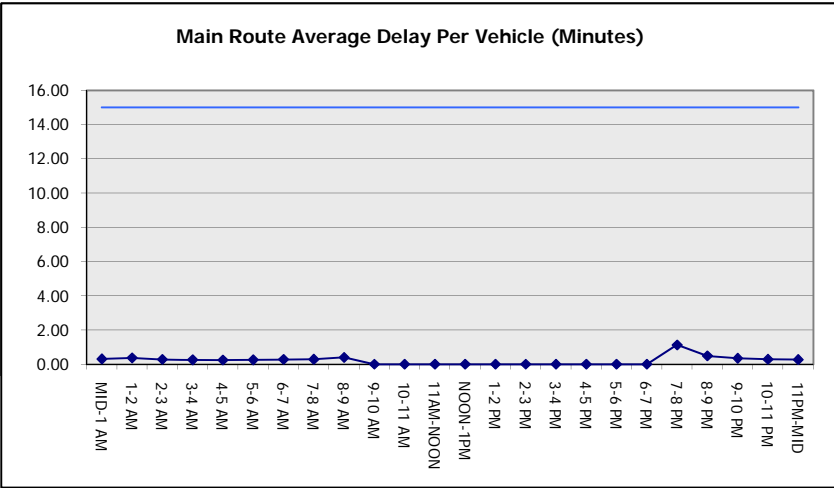
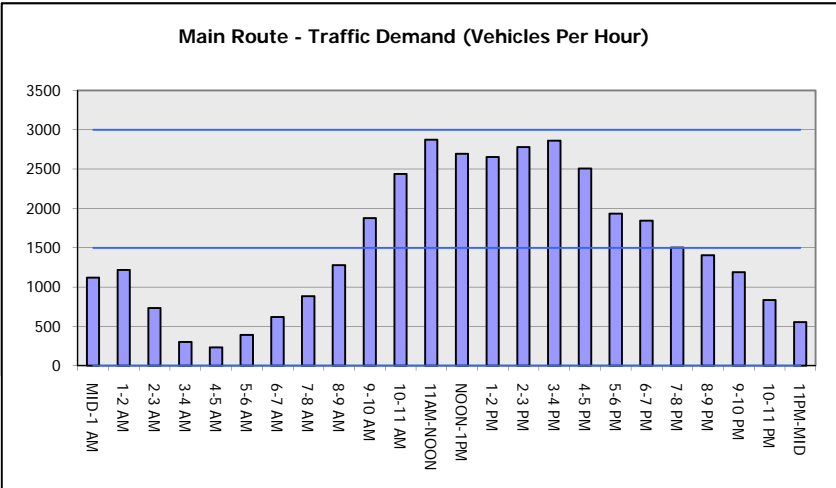
*Delays Exceeding User-Specified Maximum

IH 794: IH 43 TO LINCOLN MEMORIAL DR (MILWAUKEE COUNTY)
NIGHTTIME 2 LANE CLOSURE
NO DIVERSION ROUTE (MAX QUEUE METHOD)

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SUNDAY WESTBOUND DIRECTION



IH 794: IH 43 TO LINCOLN MEMORIAL DR (MILWAUKEE COUNTY) NIGHTTIME 2 LANE CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	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	681	0.0	1500	681	0	0.28	0	69.9	52.7	42.8
1-2 AM	455	0.0	1500	455	0	0.27	0	70.2	53.5	43.7
2-3 AM	313	0.0	1500	313	0	0.26	0	70.2	53.9	44.2
3-4 AM	214	0.0	1500	214	0	0.25	0	70.2	54.2	44.6
4-5 AM	249	0.0	1500	249	0	0.25	0	70.2	54.1	44.5
5-6 AM	433	0.0	1500	433	0	0.27	0	70.2	53.5	43.8
6-7 AM	626	0.0	1500	626	0	0.28	0	69.9	52.9	43.0
7-8 AM	970	0.0	1499	970	0	0.30	0	69.6	51.8	41.8
8-9 AM	1551	0.0	1499	1551	0	1.00	18	68.8	32.0	31.3
9-10 AM	1756	0.0	OFF	1756	0	0.01	0	68.6	67.9	67.9
10-11 AM	2324	0.0	OFF	2324	0	0.00	0	67.9	67.9	67.9
11AM-NOON	2793	0.0	OFF	2793	0	0.00	0	67.3	67.3	67.3
NOON-1PM	2987	0.0	OFF	2987	0	0.00	0	67.0	67.0	67.0
1-2 PM	2836	0.0	OFF	2836	0	0.00	0	67.2	67.2	67.2
2-3 PM	2726	0.0	OFF	2726	0	0.00	0	67.3	67.3	67.3
3-4 PM	2673	0.0	OFF	2673	0	0.00	0	67.4	67.4	67.4
4-5 PM	2672	0.0	OFF	2672	0	0.00	0	67.4	67.4	67.4
5-6 PM	2709	0.0	OFF	2709	0	0.00	0	67.4	67.4	67.4
6-7 PM	2399	0.0	OFF	2399	0	0.00	0	67.8	67.8	67.8
7-8 PM	2007	0.0	1499	1966	41	9.58+	266	68.2	7.3	30.8
8-9 PM	1786	0.0	1500	1475	311	16.57+	419	68.5	5.4	30.8
9-10 PM	1527	0.0	1499	1450	77	16.36+	413	68.8	5.5	30.8
10-11 PM	1018	0.0	1499	1018	0	3.57	187	69.5	15.7	36.6
11PM-MID	585	0.0	1500	585	0	0.27	0	70.0	53.0	43.2

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

+ 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	0.0061
MAIN ROUTE WITH WORKS	0.0047
'DIVERSION'	0.0002

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$22,581
CONGESTED HOURS PER DAY*	3

*Delays Exceeding User-Specified Maximum

**IH 794: IH 43 TO LINCOLN MEMORIAL DR (MILWAUKEE COUNTY)
 NIGHTTIME 2 LANE CLOSURE
 NO DIVERSION ROUTE (MAX QUEUE METHOD)**

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY EASTBOUND DIRECTION

