

<b>IH 794: IH 43 TO LINCOLN MEMORIAL DR (MILWAUKEE COUNTY)                  CONTINUOUS (24 HOUR) 2 LANE CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	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	1499	735	0	1.22	97	69.8	30.2	41.5	
1-2 AM	651	0.0	1500	651	0	0.28	0	69.9	52.8	42.9	
2-3 AM	336	0.0	1500	336	0	0.26	0	70.2	53.8	44.2	
3-4 AM	260	0.0	1500	260	0	0.26	0	70.2	54.0	44.5	
4-5 AM	498	0.0	1500	498	0	0.27	0	70.1	53.3	43.5	
5-6 AM	1554	0.0	1499	1554	0	1.11	54	68.8	30.2	35.1	
6-7 AM	3553	0.0	1499	1689	1863	16.56+	421	66.3	5.4	30.8	
7-8 AM	4409	0.0	1500	1500	2909	17.00+	435	60.7	5.3	30.8	
8-9 AM	3155	0.0	1500	1513	1642	17.04+	432	66.8	5.3	30.8	
9-10 AM	2740	0.0	1500	1505	1235	16.79+	425	67.3	5.4	30.8	
10-11 AM	3128	0.0	1499	1504	1624	17.07+	433	66.8	5.3	30.8	
11AM-NOON	3799	0.0	1500	1500	2299	17.10+	435	64.9	5.3	30.8	
NOON-1PM	3772	0.0	1500	1500	2272	17.11+	435	65.1	5.3	30.8	
1-2 PM	4141	0.0	1500	1500	2641	17.05+	435	62.6	5.3	30.8	
2-3 PM	4992	0.0	1500	1500	3492	16.88+	435	56.8	5.3	30.8	
3-4 PM	5165	0.0	1500	1500	3665	16.85+	435	55.6	5.3	30.8	
4-5 PM	4876	0.0	1500	1500	3376	16.91+	435	57.6	5.3	30.8	
5-6 PM	3714	0.0	1500	1500	2214	17.12+	435	65.5	5.3	30.8	
6-7 PM	2888	0.0	1500	1499	1388	16.92+	429	67.1	5.4	30.8	
7-8 PM	2161	0.0	1500	1499	662	16.67+	422	68.1	5.4	30.8	
8-9 PM	2004	0.0	1500	1499	505	16.66+	421	68.2	5.4	30.8	
9-10 PM	2125	0.0	1499	1499	626	16.66+	422	68.1	5.4	30.8	
10-11 PM	2027	0.0	1500	1499	528	16.66+	421	68.2	5.4	30.8	
11PM-MID	1527	0.0	1500	1433	95	16.07+	406	68.8	5.5	30.8	

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

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

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

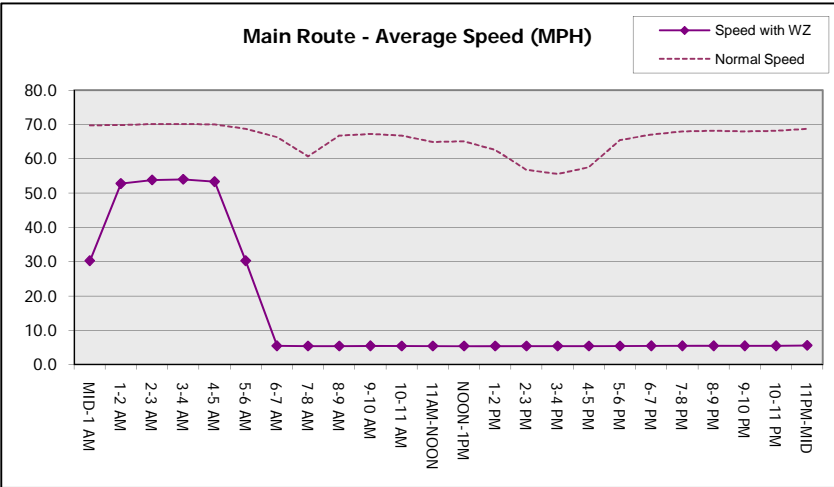
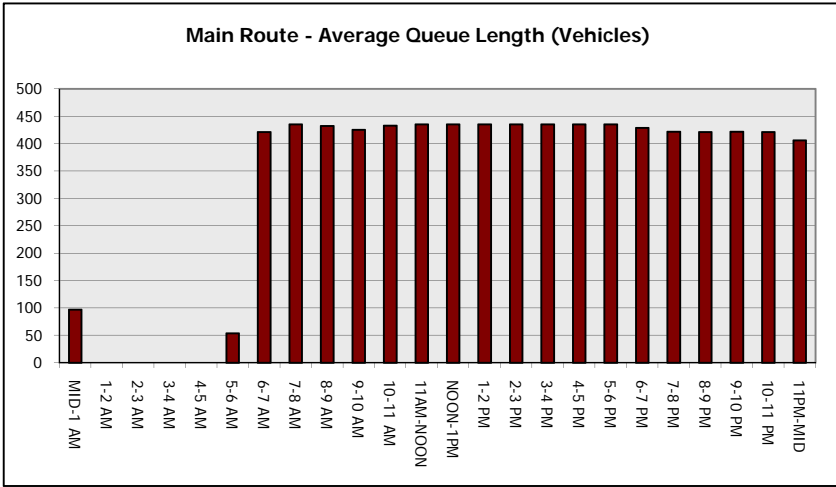
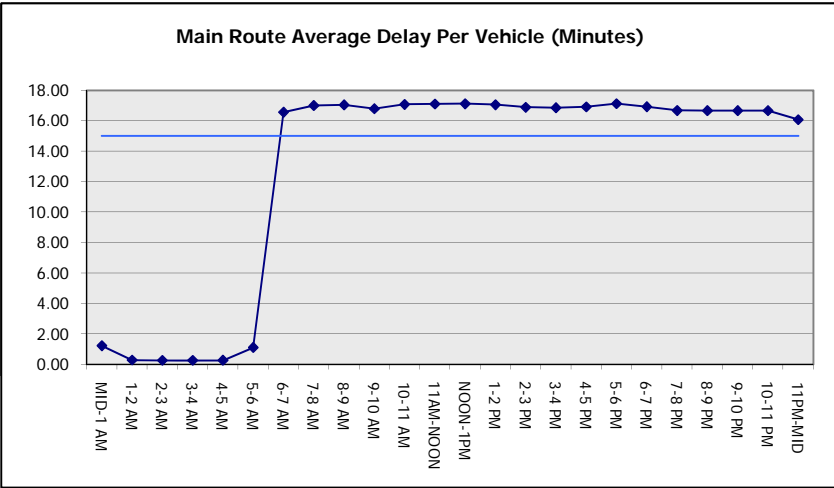
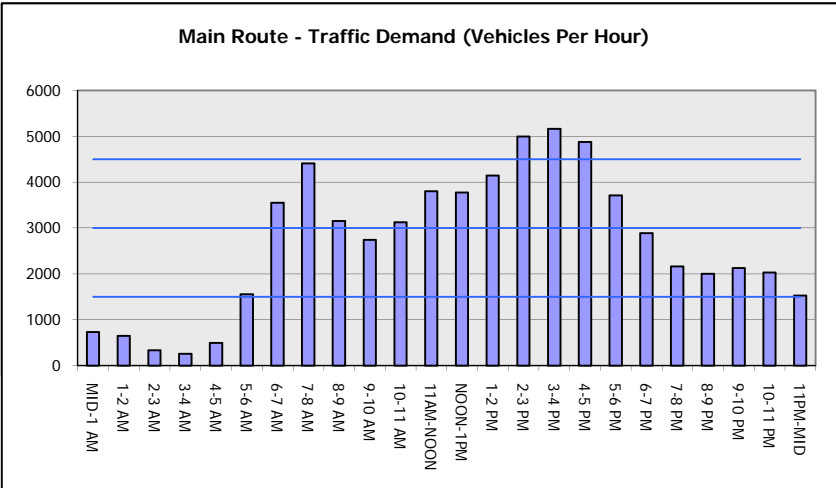
MAIN ROUTE WITHOUT WORKS	0.0102
MAIN ROUTE WITH WORKS	0.0016
'DIVERSION'	0.0122
PIA: Personal Injury Accidents	
<b>IMPACTS ON ROAD USERS</b>	
ROAD USER COSTS PER DAY	\$227,109
CONGESTED HOURS PER DAY*	18

\*Delays Exceeding User-Specified Maximum

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CONTINUOUS (24 HOUR) 2 LANE CLOSURE  
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**MAY**  
Analyzed for 2009  
Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**FRIDAY WESTBOUND DIRECTION**



<b>IH 794: IH 43 TO LINCOLN MEMORIAL DR (MILWAUKEE COUNTY)</b> <b>CONTINUOUS (24 HOUR) 2 LANE CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	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	1500	576	0	0.56	28	70.0	42.7	43.0	
1-2 AM	369	0.0	1500	369	0	0.26	0	70.2	53.7	44.0	
2-3 AM	278	0.0	1500	278	0	0.26	0	70.2	54.0	44.4	
3-4 AM	315	0.0	1500	315	0	0.26	0	70.2	53.9	44.2	
4-5 AM	748	0.0	1500	748	0	0.28	0	69.8	52.5	42.6	
5-6 AM	2670	0.0	1499	1841	828	10.46+	293	67.4	7.0	31.5	
6-7 AM	5067	0.0	1499	1500	3567	16.81+	435	56.3	5.3	32.8	
7-8 AM	5118	0.0	1500	1500	3618	16.80+	435	55.9	5.3	32.8	
8-9 AM	4363	0.0	1500	1500	2863	16.95+	435	61.0	5.3	32.8	
9-10 AM	3322	0.0	1500	1543	1779	16.94+	430	66.6	5.4	31.0	
10-11 AM	3156	0.0	1500	1526	1630	17.02+	432	66.8	5.3	30.8	
11AM-NOON	3295	0.0	1500	1503	1793	17.13+	435	66.6	5.3	30.8	
NOON-1PM	3176	0.0	1500	1509	1667	17.10+	434	66.8	5.3	30.8	
1-2 PM	3346	0.0	1499	1500	1846	17.14+	435	66.6	5.3	30.8	
2-3 PM	3521	0.0	1499	1500	2021	17.14+	435	66.4	5.3	30.8	
3-4 PM	3933	0.0	1499	1500	2433	17.08+	435	64.0	5.3	30.8	
4-5 PM	4265	0.0	1499	1500	2765	17.02+	435	61.7	5.3	30.8	
5-6 PM	4245	0.0	1499	1500	2745	17.03+	435	61.9	5.3	30.8	
6-7 PM	3609	0.0	1499	1500	2109	17.13+	435	66.2	5.3	30.8	
7-8 PM	2583	0.0	1500	1502	1081	16.74+	424	67.5	5.4	30.8	
8-9 PM	2310	0.0	1500	1500	810	16.67+	422	67.9	5.4	30.8	
9-10 PM	2500	0.0	1499	1500	1000	16.68+	422	67.6	5.4	30.8	
10-11 PM	2059	0.0	1500	1500	559	16.66+	421	68.2	5.4	30.8	
11PM-MID	1292	0.0	1499	1292	0	14.32+	366	69.1	5.8	31.2	

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

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

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

MAIN ROUTE WITHOUT WORKS	0.0105
MAIN ROUTE WITH WORKS	0.0016
'DIVERSION'	0.0129

PIA: Personal Injury Accidents

ROAD USER COSTS PER DAY	\$236,673
CONGESTED HOURS PER DAY*	19

\*Delays Exceeding User-Specified Maximum

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

