

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

**SUMMARY OF TRAFFIC MODEL OUTPUT**

MON-THUR                      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	537	0.0	3000	537	0	0.18	0	70.0	57.8	49.7
1-2 AM	399	0.0	3000	399	0	0.18	0	70.2	57.9	49.7
2-3 AM	257	0.0	3000	257	0	0.18	0	70.2	57.9	49.7
3-4 AM	260	0.0	3000	260	0	0.18	0	70.2	57.9	49.7
4-5 AM	586	0.0	3000	586	0	0.18	0	70.0	57.8	49.7
5-6 AM	1745	0.0	3000	1745	0	0.17	0	68.6	57.3	49.7
6-7 AM	3730	0.0	2999	3730	0	4.32	284	65.4	14.7	37.3
7-8 AM	4313	0.0	2999	3206	1107	17.21+	940	61.4	8.2	37.3
8-9 AM	2959	0.0	3000	2849	110	16.38+	882	67.1	8.3	37.3
9-10 AM	2418	0.0	2999	2418	0	9.14	506	67.8	10.1	38.8
10-11 AM	2592	0.0	3000	2592	0	0.65	43	67.5	39.1	43.2
11AM-NOON	2983	0.0	2999	2983	0	0.43	4	67.0	45.4	37.8
NOON-1PM	2985	0.0	3000	2985	0	0.46	5	67.0	44.3	37.6
1-2 PM	3312	0.0	3000	3312	0	2.01	120	66.6	21.8	37.3
2-3 PM	4516	0.0	3000	3652	864	14.67+	820	60.0	8.6	37.3
3-4 PM	5109	0.0	2999	3000	2109	17.94+	995	56.0	8.1	37.3
4-5 PM	5126	0.0	3000	3000	2126	17.93+	995	55.8	8.1	37.3
5-6 PM	4488	0.0	3000	2961	1527	17.74+	972	60.2	8.1	37.3
6-7 PM	3107	0.0	3000	2912	195	16.72+	901	66.9	8.3	37.3
7-8 PM	2365	0.0	2999	2365	0	10.11+	561	67.8	9.7	39.4
8-9 PM	2196	0.0	3000	2196	0	0.40	30	68.0	46.9	49.4
9-10 PM	1967	0.0	3000	1967	0	0.17	0	68.3	57.3	49.7
10-11 PM	1455	0.0	3000	1455	0	0.17	0	68.9	57.4	49.7
11PM-MID	913	0.0	3000	913	0	0.18	0	69.6	57.7	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

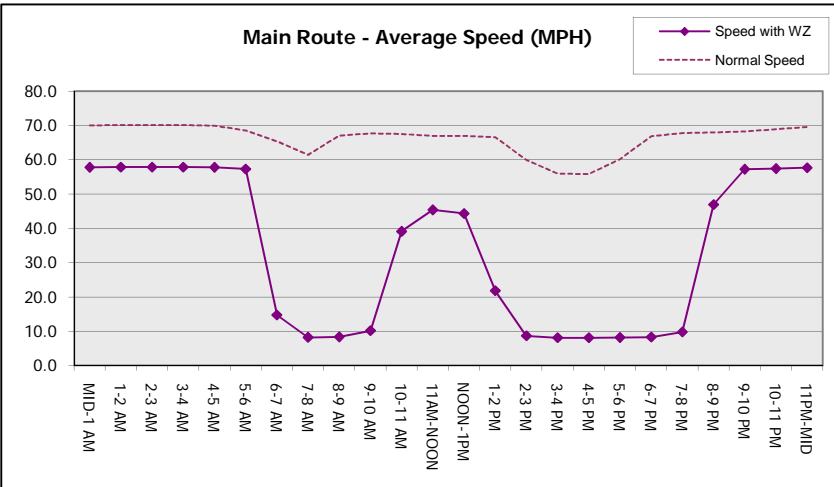
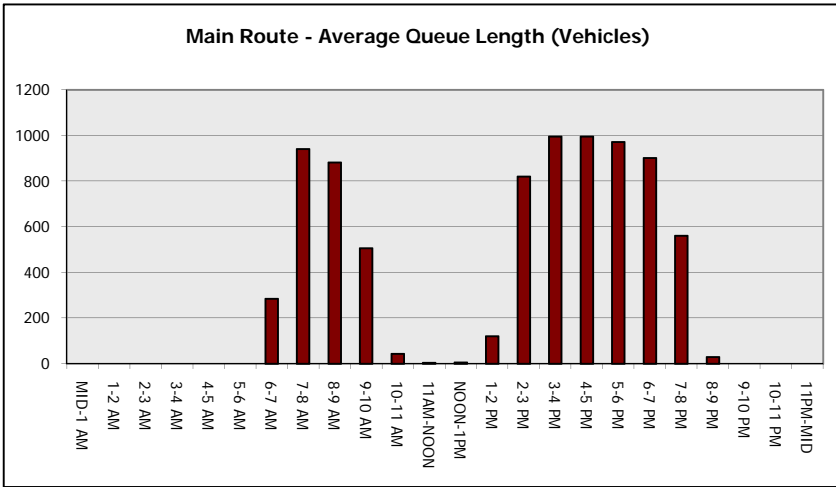
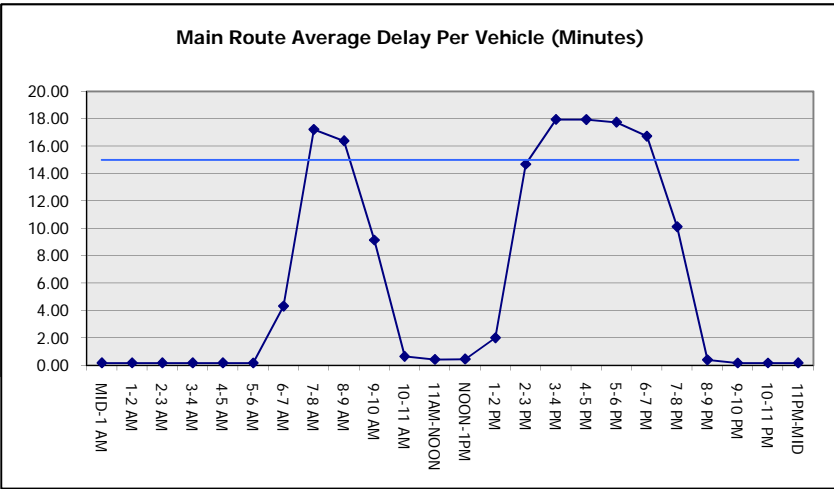
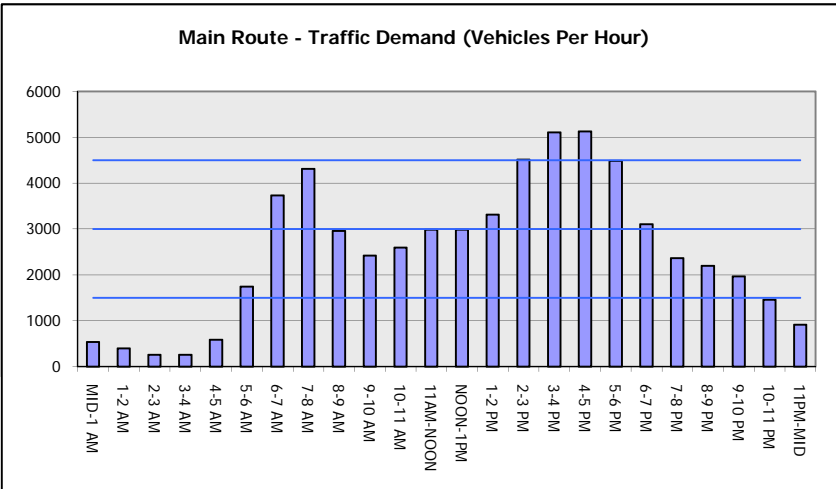
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0096
MAIN ROUTE WITH WORKS	0.0027
'DIVERSION'	0.0030
<small>PIA: Personal Injury Accidents</small>	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$126,021
CONGESTED HOURS PER DAY*	8

\*Delays Exceeding User-Specified Maximum

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CONTINUOUS (24 HOUR) CLOSURE  
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**AUGUST**  
Analyzed for 2009  
Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**MON-THUR 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>
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**SUMMARY OF TRAFFIC MODEL OUTPUT**

MON-THUR                      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	367	0.0	3000	367	0	0.18	0	70.2	57.9	49.7
1-2 AM	244	0.0	3000	244	0	0.18	0	70.2	57.9	49.7
2-3 AM	205	0.0	3000	205	0	0.18	0	70.2	57.9	49.7
3-4 AM	287	0.0	3000	287	0	0.18	0	70.2	57.9	49.7
4-5 AM	823	0.0	3000	823	0	0.18	0	69.7	57.7	49.7
5-6 AM	2999	0.0	2999	2999	0	0.78	66	67.0	36.2	42.5
6-7 AM	5105	0.0	3000	3742	1364	14.97+	847	56.0	8.6	37.3
7-8 AM	5464	0.0	2999	3000	2464	17.80+	995	53.5	8.1	37.3
8-9 AM	4493	0.0	2999	2924	1568	17.79+	975	60.2	8.1	37.3
9-10 AM	3195	0.0	3000	2959	236	16.84+	907	66.8	8.3	37.3
10-11 AM	2969	0.0	2999	2969	0	16.35+	880	67.1	8.3	37.3
11AM-NOON	3097	0.0	3000	3041	56	16.60+	894	66.9	8.3	37.3
NOON-1PM	3147	0.0	3000	3004	143	16.87+	909	66.8	8.3	37.3
1-2 PM	3097	0.0	3000	3002	96	16.87+	909	66.9	8.3	37.3
2-3 PM	3155	0.0	3000	3001	154	16.87+	909	66.8	8.3	37.3
3-4 PM	3514	0.0	2999	3003	511	16.94+	914	66.4	8.3	37.3
4-5 PM	4089	0.0	2999	3017	1072	16.96+	922	62.9	8.2	37.3
5-6 PM	4076	0.0	3000	2998	1078	17.00+	925	63.0	8.2	37.3
6-7 PM	3299	0.0	3000	2991	308	16.90+	911	66.6	8.3	37.3
7-8 PM	2513	0.0	2999	2513	0	13.05+	707	67.6	8.9	37.4
8-9 PM	2263	0.0	2999	2263	0	1.14	137	67.9	32.0	46.1
9-10 PM	1985	0.0	3000	1985	0	0.17	0	68.2	57.3	49.7
10-11 PM	1445	0.0	3000	1445	0	0.17	0	68.9	57.4	49.7
11PM-MID	819	0.0	3000	819	0	0.18	0	69.7	57.7	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	0.0100
MAIN ROUTE WITH WORKS	0.0027
'DIVERSION'	0.0033

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$186,730
CONGESTED HOURS PER DAY*	14

\*Delays Exceeding User-Specified Maximum

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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT  
MON-THUR EASTBOUND DIRECTION**

