

<b>IH 794: IH 43 TO LINCOLN MEMORIAL DR (MILWAUKEE COUNTY)                  CONTINUOUS (24 HOUR) CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</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	446	0.0	3000	446	0	0.18	0	70.2	57.9	49.7
1-2 AM	346	0.0	3000	346	0	0.18	0	70.2	57.9	49.7
2-3 AM	207	0.0	3000	207	0	0.18	0	70.2	57.9	49.7
3-4 AM	221	0.0	3000	221	0	0.18	0	70.2	57.9	49.7
4-5 AM	530	0.0	3000	530	0	0.18	0	70.0	57.8	49.7
5-6 AM	1678	0.0	3000	1678	0	0.17	0	68.6	57.4	49.7
6-7 AM	3726	0.0	2999	3726	0	4.28	282	65.4	14.8	37.3
7-8 AM	4250	0.0	2999	3202	1049	17.17+	937	61.8	8.2	37.3
8-9 AM	2943	0.0	3000	2859	84	16.37+	882	67.1	8.3	37.3
9-10 AM	2539	0.0	2999	2539	0	10.37	560	67.6	9.6	37.3
10-11 AM	2787	0.0	3000	2787	0	3.80	196	67.3	14.5	37.3
11AM-NOON	3238	0.0	3000	3238	0	4.11	215	66.7	13.9	37.3
NOON-1PM	3297	0.0	2999	3297	0	9.03	482	66.6	9.9	37.3
1-2 PM	3746	0.0	3000	3280	466	15.77+	854	65.3	8.4	37.3
2-3 PM	4710	0.0	2999	3056	1653	17.82+	981	58.7	8.1	37.3
3-4 PM	5036	0.0	3000	3000	2036	17.96+	995	56.4	8.1	37.3
4-5 PM	5142	0.0	3000	3000	2142	17.92+	995	55.7	8.1	37.3
5-6 PM	4406	0.0	3000	2943	1462	17.71+	969	60.7	8.1	37.3
6-7 PM	3157	0.0	3000	2947	210	16.80+	905	66.8	8.3	37.3
7-8 PM	2370	0.0	2999	2370	0	10.68+	590	67.8	9.6	39.2
8-9 PM	2132	0.0	3000	2132	0	0.43	36	68.1	46.0	49.6
9-10 PM	1855	0.0	3000	1855	0	0.17	0	68.4	57.3	49.7
10-11 PM	1339	0.0	3000	1339	0	0.17	0	69.1	57.5	49.7
11PM-MID	791	0.0	3000	791	0	0.18	0	69.7	57.8	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

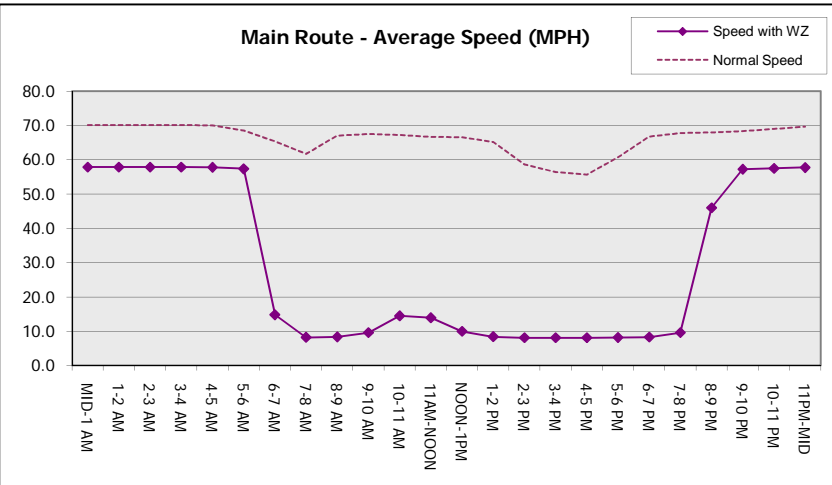
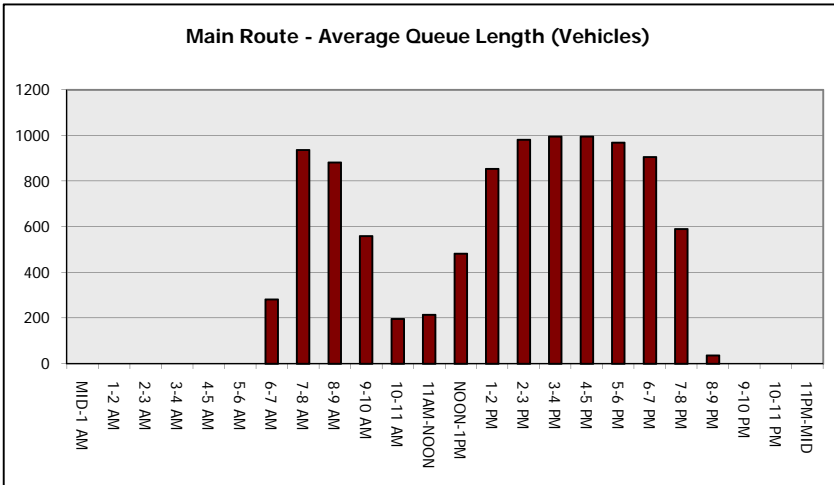
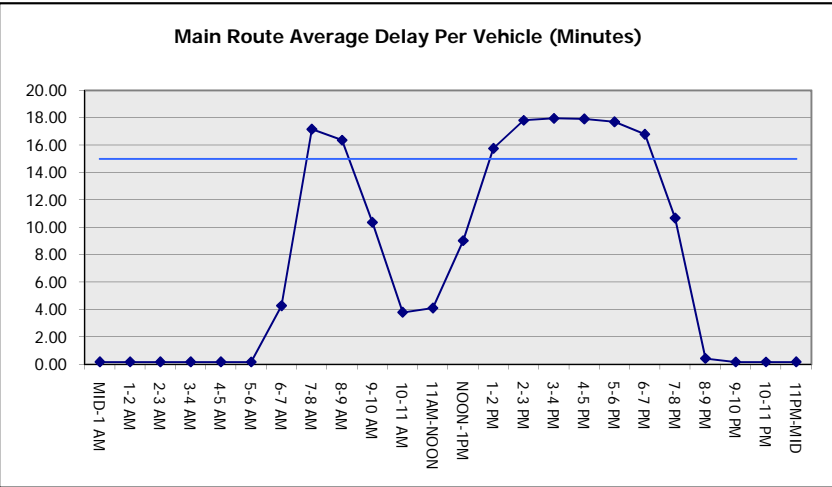
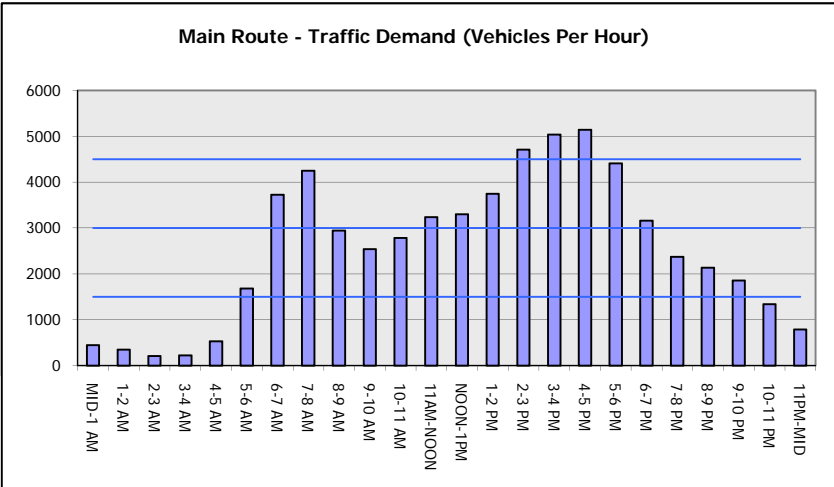
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0097
MAIN ROUTE WITH WORKS	0.0026
'DIVERSION'	0.0034
<small>PIA: Personal Injury Accidents</small>	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$152,798
CONGESTED HOURS PER DAY*	9

\*Delays Exceeding User-Specified Maximum

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CONTINUOUS (24 HOUR) CLOSURE  
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**MAY**  
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>MAY</b>
	Analyzed for 2009 Construction Season

**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	322	0.0	3000	322	0	0.18	0	70.2	57.9	49.7
1-2 AM	208	0.0	3000	208	0	0.18	0	70.2	57.9	49.7
2-3 AM	172	0.0	3000	172	0	0.18	0	70.2	57.9	49.7
3-4 AM	233	0.0	3000	233	0	0.18	0	70.2	57.9	49.7
4-5 AM	761	0.0	3000	761	0	0.18	0	69.8	57.8	49.7
5-6 AM	2858	0.0	2999	2858	0	0.66	47	67.2	38.6	43.5
6-7 AM	4918	0.0	3000	3823	1095	13.96+	797	57.3	8.8	37.3
7-8 AM	5034	0.0	3000	3000	2034	17.96+	995	56.4	8.1	37.3
8-9 AM	4455	0.0	2999	2925	1530	17.77+	973	60.4	8.1	37.3
9-10 AM	3218	0.0	3000	2960	258	16.84+	908	66.8	8.3	37.3
10-11 AM	2944	0.0	2999	2944	0	16.17+	870	67.1	8.3	37.3
11AM-NOON	3153	0.0	3000	3065	87	16.53+	891	66.8	8.3	37.3
NOON-1PM	3148	0.0	3000	3002	146	16.87+	909	66.8	8.3	37.3
1-2 PM	3091	0.0	3000	3001	90	16.86+	909	66.9	8.3	37.3
2-3 PM	3252	0.0	3000	3001	250	16.89+	911	66.7	8.3	37.3
3-4 PM	3563	0.0	3000	3003	561	16.94+	914	66.3	8.3	37.3
4-5 PM	4090	0.0	2999	3015	1075	16.95+	922	62.9	8.2	37.3
5-6 PM	4057	0.0	3000	3000	1057	17.01+	925	63.2	8.2	37.3
6-7 PM	3075	0.0	3000	2924	151	16.68+	899	66.9	8.3	37.3
7-8 PM	2321	0.0	2999	2321	0	9.63+	541	67.9	10.0	40.1
8-9 PM	2111	0.0	3000	2111	0	0.31	17	68.1	50.4	49.7
9-10 PM	1826	0.0	3000	1826	0	0.17	0	68.4	57.3	49.7
10-11 PM	1241	0.0	3000	1241	0	0.18	0	69.2	57.6	49.7
11PM-MID	702	0.0	3000	702	0	0.18	0	69.9	57.8	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	0.0097
MAIN ROUTE WITH WORKS	0.0027
'DIVERSION'	0.0031

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$180,438
CONGESTED HOURS PER DAY*	14

\*Delays Exceeding User-Specified Maximum

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Construction Season

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

