

<b>IH 794: LINCOLN AVE TO LINCOLN MEMORIAL DR (MILWAUKEE COUNTY)</b> <b>CONTINUOUS (24 HOUR) 2 LANE CLOSURE</b> <b>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	167	0.0	1500	167	0	0.49	0	70.2	54.5	44.8
1-2 AM	97	0.0	1500	97	0	0.48	0	70.2	54.7	45.1
2-3 AM	84	0.0	1500	84	0	0.48	0	70.2	54.7	45.1
3-4 AM	86	0.0	1500	86	0	0.48	0	70.2	54.7	45.1
4-5 AM	188	0.0	1500	188	0	0.50	0	70.2	54.4	44.7
5-6 AM	850	0.0	1500	850	0	0.57	0	69.7	52.4	42.2
6-7 AM	2302	0.0	1499	1919	383	8.71+	249	67.9	12.2	30.8
7-8 AM	3571	0.0	1499	1500	2071	17.08+	420	66.3	7.5	30.8
8-9 AM	2711	0.0	1500	1499	1212	16.93+	415	67.4	7.5	30.8
9-10 AM	1319	0.0	1499	1299	19	14.67+	362	69.1	8.1	31.2
10-11 AM	1077	0.0	1499	1077	0	1.77	60	69.4	34.3	38.7
11AM-NOON	1051	0.0	1500	1051	0	0.59	0	69.4	51.7	41.5
NOON-1PM	1108	0.0	1500	1108	0	0.60	0	69.4	51.5	41.3
1-2 PM	1049	0.0	1500	1049	0	0.59	0	69.4	51.7	41.5
2-3 PM	1173	0.0	1500	1173	0	0.67	0	69.3	49.9	39.3
3-4 PM	1203	0.0	1500	1203	0	0.71	0	69.2	49.1	38.4
4-5 PM	1193	0.0	1500	1193	0	0.70	0	69.2	49.4	38.7
5-6 PM	1158	0.0	1500	1158	0	0.65	0	69.3	50.4	39.9
6-7 PM	1005	0.0	1500	1005	0	0.59	0	69.5	51.9	41.7
7-8 PM	709	0.0	1500	709	0	0.56	0	69.9	52.8	42.7
8-9 PM	646	0.0	1500	646	0	0.55	0	69.9	53.0	43.0
9-10 PM	606	0.0	1500	606	0	0.54	0	70.0	53.1	43.1
10-11 PM	452	0.0	1500	452	0	0.53	0	70.2	53.6	43.7
11PM-MID	284	0.0	1500	284	0	0.51	0	70.2	54.2	44.3

+ 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

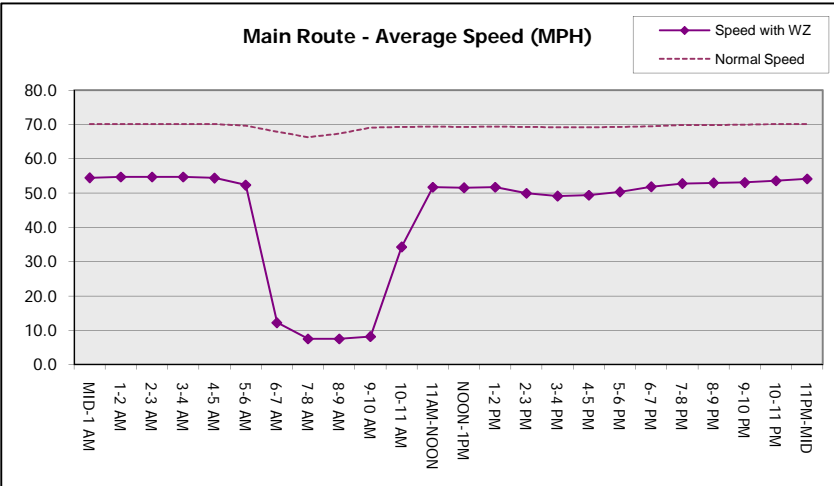
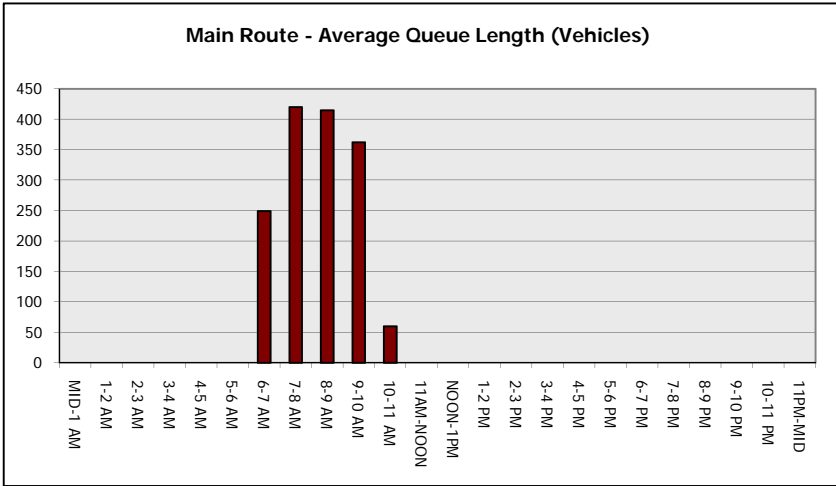
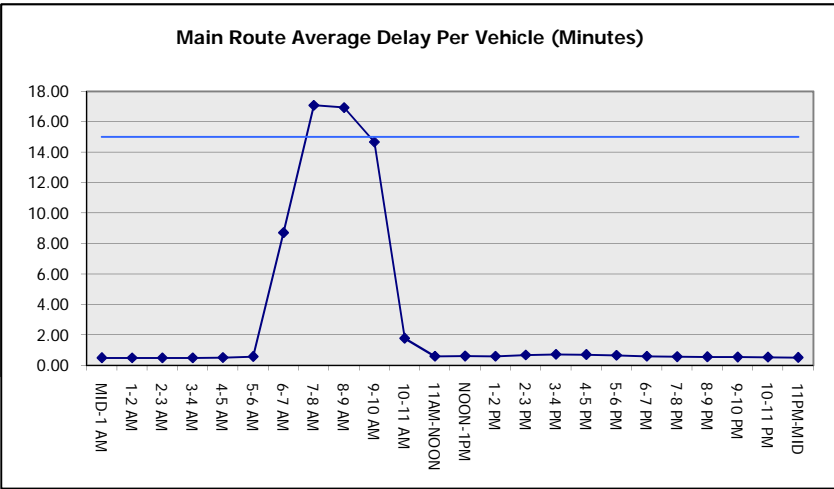
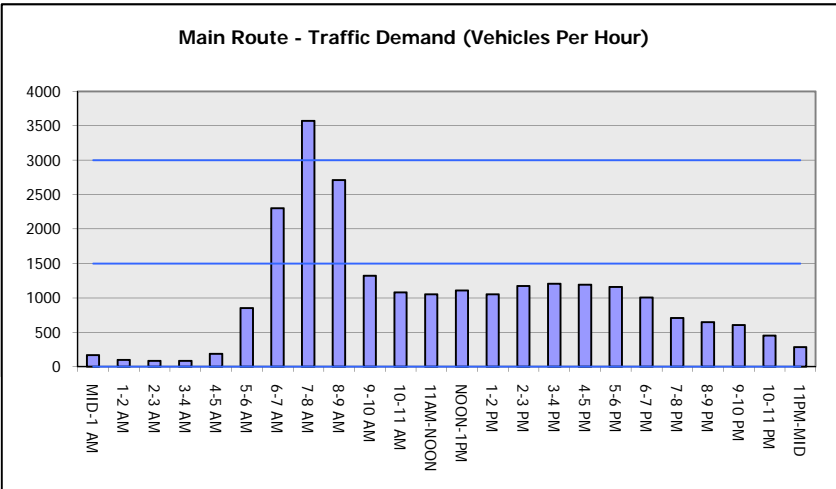
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0077
MAIN ROUTE WITH WORKS	0.0051
'DIVERSION'	0.0027
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$33,447
CONGESTED HOURS PER DAY*	4

\*Delays Exceeding User-Specified Maximum

**IH 794: LINCOLN AVE TO LINCOLN MEMORIAL DR (MILWAUKEE COUNTY)**  
**CONTINUOUS (24 HOUR) 2 LANE CLOSURE**  
**NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

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



<b>IH 794: LINCOLN AVE TO LINCOLN MEMORIAL DR (MILWAUKEE COUNTY)</b> <b>CONTINUOUS (24 HOUR) 2 LANE CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</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	262	0.0	1500	262	0	0.50	0	70.2	54.2	44.5
1-2 AM	140	0.0	1500	140	0	0.49	0	70.2	54.6	44.9
2-3 AM	125	0.0	1500	125	0	0.49	0	70.2	54.6	45.0
3-4 AM	82	0.0	1500	82	0	0.48	0	70.2	54.7	45.1
4-5 AM	142	0.0	1500	142	0	0.49	0	70.2	54.5	44.9
5-6 AM	345	0.0	1500	345	0	0.51	0	70.2	54.0	44.1
6-7 AM	731	0.0	1500	731	0	0.56	0	69.8	52.7	42.7
7-8 AM	864	0.0	1500	864	0	0.57	0	69.7	52.3	42.2
8-9 AM	779	0.0	1500	779	0	0.56	0	69.7	52.5	42.5
9-10 AM	740	0.0	1500	740	0	0.56	0	69.8	52.7	42.6
10-11 AM	847	0.0	1500	847	0	0.57	0	69.7	52.4	42.2
11AM-NOON	1017	0.0	1500	1017	0	0.59	0	69.5	51.8	41.6
NOON-1PM	1128	0.0	1500	1128	0	0.61	0	69.3	51.2	40.9
1-2 PM	1126	0.0	1499	1126	0	0.64	0	69.3	50.7	40.2
2-3 PM	1562	0.0	1499	1562	0	1.74	25	68.8	34.4	31.7
3-4 PM	2281	0.0	1500	1791	490	12.94+	330	67.9	8.9	30.8
4-5 PM	3179	0.0	1500	1508	1672	17.06+	419	66.8	7.5	30.8
5-6 PM	3349	0.0	1500	1503	1846	17.07+	420	66.6	7.5	30.8
6-7 PM	1608	0.0	1500	1413	195	15.84+	387	68.7	7.8	30.8
7-8 PM	1093	0.0	1499	1093	0	3.71	143	69.4	22.2	36.4
8-9 PM	941	0.0	1500	941	0	0.58	0	69.6	52.0	41.9
9-10 PM	837	0.0	1500	837	0	0.57	0	69.7	52.4	42.2
10-11 PM	644	0.0	1500	644	0	0.55	0	69.9	53.0	43.0
11PM-MID	515	0.0	1500	515	0	0.53	0	70.1	53.4	43.5

+ 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	0.0077
MAIN ROUTE WITH WORKS	0.0051
'DIVERSION'	0.0031

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$38,464
CONGESTED HOURS PER DAY*	4

\*Delays Exceeding User-Specified Maximum

**IH 794: LINCOLN AVE TO LINCOLN MEMORIAL DR (MILWAUKEE COUNTY)**  
**CONTINUOUS (24 HOUR) 2 LANE CLOSURE**  
**NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

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

