

IH 794: LINCOLN AVE TO LINCOLN MEMORIAL DR (MILWAUKEE COUNTY) OFF-PEAK DAY 2 LANE CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	AUGUST
	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	OFF	167	0	0.00	0	70.2	70.2	70.2
1-2 AM	97	0.0	OFF	97	0	0.00	0	70.2	70.2	70.2
2-3 AM	84	0.0	OFF	84	0	0.00	0	70.2	70.2	70.2
3-4 AM	86	0.0	OFF	86	0	0.00	0	70.2	70.2	70.2
4-5 AM	188	0.0	OFF	188	0	0.00	0	70.2	70.2	70.2
5-6 AM	850	0.0	OFF	850	0	0.00	0	69.7	69.7	69.7
6-7 AM	2302	0.0	OFF	2302	0	0.00	0	67.9	67.9	67.9
7-8 AM	3571	0.0	OFF	3571	0	0.00	0	66.3	66.3	66.3
8-9 AM	2711	0.0	OFF	2711	0	0.00	0	67.4	67.4	67.4
9-10 AM	1319	0.0	OFF	1319	0	0.00	0	69.1	69.1	69.1
10-11 AM	1077	0.0	1500	1077	0	0.60	0	69.4	51.6	41.4
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	OFF	1203	0	0.00	0	69.2	69.2	69.2
4-5 PM	1193	0.0	OFF	1193	0	0.00	0	69.2	69.2	69.2
5-6 PM	1158	0.0	OFF	1158	0	0.00	0	69.3	69.3	69.3
6-7 PM	1005	0.0	OFF	1005	0	0.00	0	69.5	69.5	69.5
7-8 PM	709	0.0	OFF	709	0	0.00	0	69.9	69.9	69.9
8-9 PM	646	0.0	OFF	646	0	0.00	0	69.9	69.9	69.9
9-10 PM	606	0.0	OFF	606	0	0.00	0	70.0	70.0	70.0
10-11 PM	452	0.0	OFF	452	0	0.00	0	70.2	70.2	70.2
11PM-MID	284	0.0	OFF	284	0	0.00	0	70.2	70.2	70.2

"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

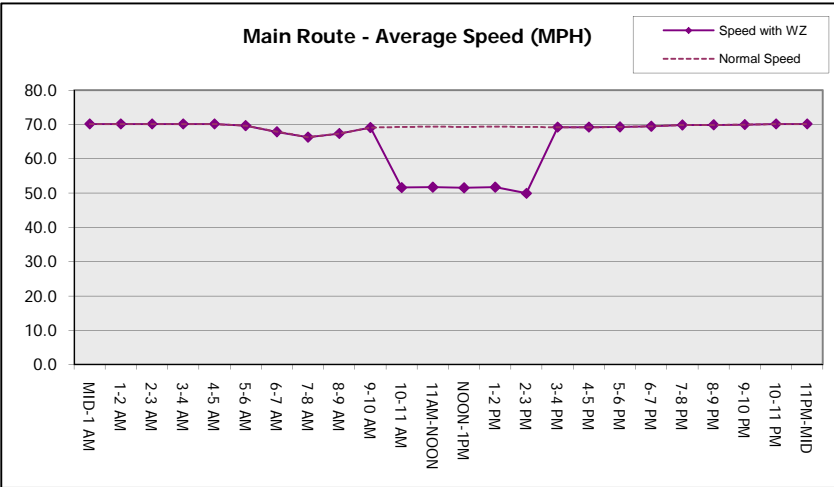
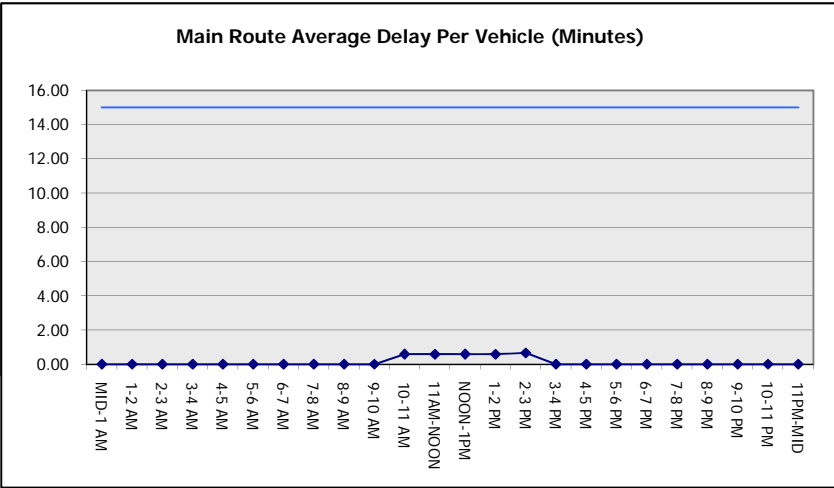
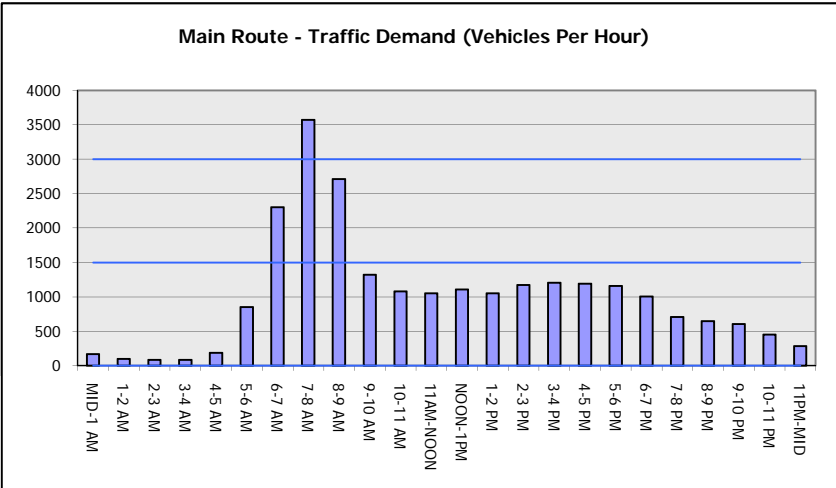
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0077
MAIN ROUTE WITH WORKS	0.0073
'DIVERSION'	0.0000
<small>PIA: Personal Injury Accidents</small>	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$698
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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



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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	262	0.0	OFF	262	0	0.00	0	70.2	70.2	70.2
1-2 AM	140	0.0	OFF	140	0	0.00	0	70.2	70.2	70.2
2-3 AM	125	0.0	OFF	125	0	0.00	0	70.2	70.2	70.2
3-4 AM	82	0.0	OFF	82	0	0.00	0	70.2	70.2	70.2
4-5 AM	142	0.0	OFF	142	0	0.00	0	70.2	70.2	70.2
5-6 AM	345	0.0	OFF	345	0	0.00	0	70.2	70.2	70.2
6-7 AM	731	0.0	OFF	731	0	0.00	0	69.8	69.8	69.8
7-8 AM	864	0.0	OFF	864	0	0.00	0	69.7	69.7	69.7
8-9 AM	779	0.0	OFF	779	0	0.00	0	69.7	69.7	69.7
9-10 AM	740	0.0	OFF	740	0	0.00	0	69.8	69.8	69.8
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	OFF	2281	0	0.02	1	67.9	67.3	67.3
4-5 PM	3179	0.0	OFF	3179	0	0.00	0	66.8	66.8	66.8
5-6 PM	3349	0.0	OFF	3349	0	0.00	0	66.6	66.6	66.6
6-7 PM	1608	0.0	OFF	1608	0	0.00	0	68.7	68.7	68.7
7-8 PM	1093	0.0	OFF	1093	0	0.00	0	69.4	69.4	69.4
8-9 PM	941	0.0	OFF	941	0	0.00	0	69.6	69.6	69.6
9-10 PM	837	0.0	OFF	837	0	0.00	0	69.7	69.7	69.7
10-11 PM	644	0.0	OFF	644	0	0.00	0	69.9	69.9	69.9
11PM-MID	515	0.0	OFF	515	0	0.00	0	70.1	70.1	70.1

"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	0.0077
MAIN ROUTE WITH WORKS	0.0074
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,099
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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MON-THUR EASTBOUND DIRECTION

