

IH 794: LINCOLN AVE TO LINCOLN MEMORIAL DR (MILWAUKEE COUNTY) CONTINUOUS (24 HOUR) 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	3000	167	0	0.36	0	70.2	58.0	49.7
1-2 AM	97	0.0	3000	97	0	0.36	0	70.2	58.0	49.7
2-3 AM	84	0.0	3000	84	0	0.36	0	70.2	58.0	49.7
3-4 AM	86	0.0	3000	86	0	0.36	0	70.2	58.0	49.7
4-5 AM	188	0.0	3000	188	0	0.36	0	70.2	58.0	49.7
5-6 AM	850	0.0	3000	850	0	0.35	0	69.7	57.8	49.7
6-7 AM	2302	0.0	2999	2302	0	0.41	0	67.9	55.1	46.6
7-8 AM	3571	0.0	2999	3571	0	4.85	272	66.3	19.2	37.3
8-9 AM	2711	0.0	2999	2711	0	9.57	496	67.4	12.9	37.8
9-10 AM	1319	0.0	3000	1319	0	0.57	26	69.1	52.0	49.7
10-11 AM	1077	0.0	3000	1077	0	0.35	0	69.4	57.8	49.7
11AM-NOON	1051	0.0	3000	1051	0	0.35	0	69.4	57.8	49.7
NOON-1PM	1108	0.0	3000	1108	0	0.35	0	69.4	57.7	49.7
1-2 PM	1049	0.0	3000	1049	0	0.35	0	69.4	57.8	49.7
2-3 PM	1173	0.0	3000	1173	0	0.35	0	69.3	57.7	49.7
3-4 PM	1203	0.0	3000	1203	0	0.35	0	69.2	57.7	49.7
4-5 PM	1193	0.0	3000	1193	0	0.35	0	69.2	57.7	49.7
5-6 PM	1158	0.0	3000	1158	0	0.35	0	69.3	57.7	49.7
6-7 PM	1005	0.0	3000	1005	0	0.35	0	69.5	57.8	49.7
7-8 PM	709	0.0	3000	709	0	0.36	0	69.9	57.9	49.7
8-9 PM	646	0.0	3000	646	0	0.36	0	69.9	57.9	49.7
9-10 PM	606	0.0	3000	606	0	0.36	0	70.0	57.9	49.7
10-11 PM	452	0.0	3000	452	0	0.36	0	70.2	58.0	49.7
11PM-MID	284	0.0	3000	284	0	0.36	0	70.2	58.0	49.7

----- 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	0.0061
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$10,825
CONGESTED HOURS PER DAY*	0

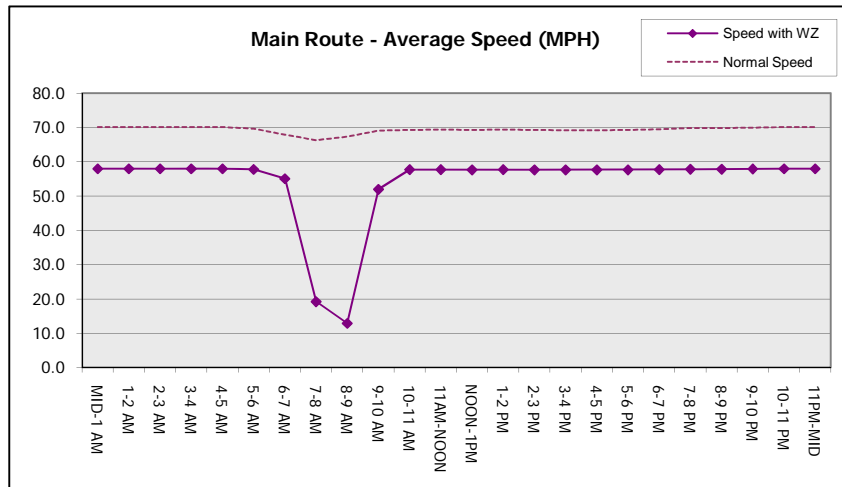
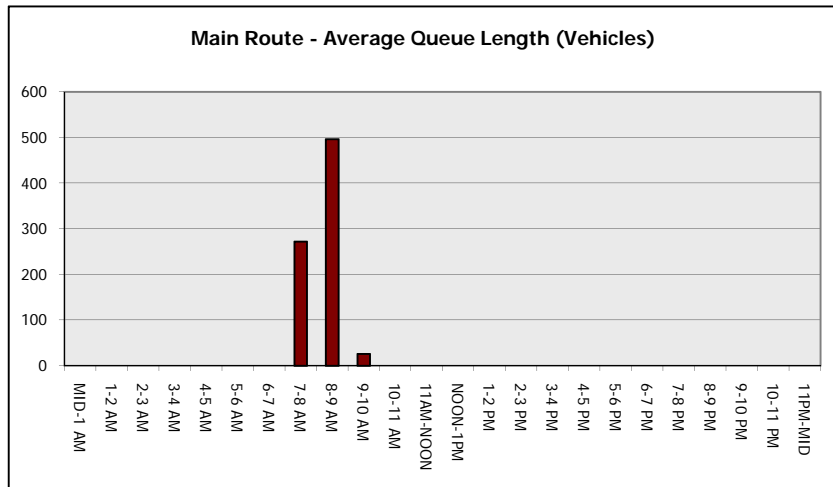
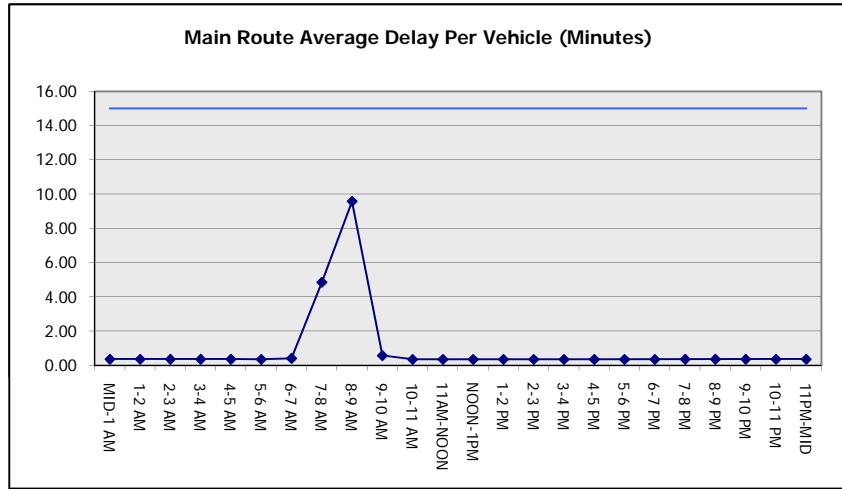
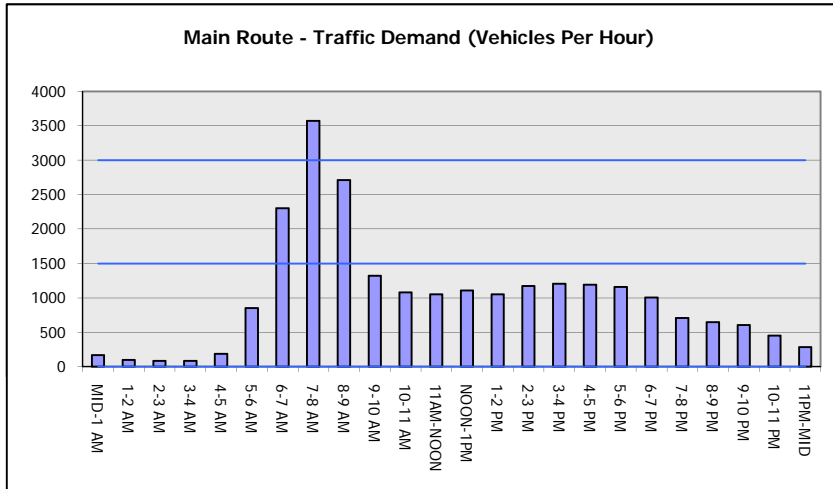
*Delays Exceeding User-Specified Maximum

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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	3000	262	0	0.36	0	70.2	58.0	49.7
1-2 AM	140	0.0	3000	140	0	0.36	0	70.2	58.0	49.7
2-3 AM	125	0.0	3000	125	0	0.36	0	70.2	58.0	49.7
3-4 AM	82	0.0	3000	82	0	0.36	0	70.2	58.0	49.7
4-5 AM	142	0.0	3000	142	0	0.36	0	70.2	58.0	49.7
5-6 AM	345	0.0	3000	345	0	0.36	0	70.2	58.0	49.7
6-7 AM	731	0.0	3000	731	0	0.35	0	69.8	57.9	49.7
7-8 AM	864	0.0	3000	864	0	0.35	0	69.7	57.8	49.7
8-9 AM	779	0.0	3000	779	0	0.35	0	69.7	57.9	49.7
9-10 AM	740	0.0	3000	740	0	0.35	0	69.8	57.9	49.7
10-11 AM	847	0.0	3000	847	0	0.35	0	69.7	57.8	49.7
11AM-NOON	1017	0.0	3000	1017	0	0.35	0	69.5	57.8	49.7
NOON-1PM	1128	0.0	3000	1128	0	0.35	0	69.3	57.7	49.7
1-2 PM	1126	0.0	3000	1126	0	0.35	0	69.3	57.7	49.7
2-3 PM	1562	0.0	3000	1562	0	0.34	0	68.8	57.5	49.7
3-4 PM	2281	0.0	2999	2281	0	0.36	0	67.9	56.4	48.4
4-5 PM	3179	0.0	2999	3179	0	1.56	56	66.8	35.8	37.3
5-6 PM	3349	0.0	3000	3349	0	7.81	403	66.6	14.2	37.3
6-7 PM	1608	0.0	3000	1608	0	1.32	125	68.7	39.7	49.6
7-8 PM	1093	0.0	3000	1093	0	0.35	0	69.4	57.7	49.7
8-9 PM	941	0.0	3000	941	0	0.35	0	69.6	57.8	49.7
9-10 PM	837	0.0	3000	837	0	0.35	0	69.7	57.8	49.7
10-11 PM	644	0.0	3000	644	0	0.36	0	69.9	57.9	49.7
11PM-MID	515	0.0	3000	515	0	0.36	0	70.1	57.9	49.7

----- 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	0.0061
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$8,437
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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MON-THUR EASTBOUND DIRECTION

