

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

FRIDAY 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	209	0.0	3000	209	0	0.36	0	70.2	58.0	49.7
1-2 AM	111	0.0	3000	111	0	0.36	0	70.2	58.0	49.7
2-3 AM	92	0.0	3000	92	0	0.36	0	70.2	58.0	49.7
3-4 AM	93	0.0	3000	93	0	0.36	0	70.2	58.0	49.7
4-5 AM	195	0.0	3000	195	0	0.36	0	70.2	58.0	49.7
5-6 AM	834	0.0	3000	834	0	0.35	0	69.7	57.8	49.7
6-7 AM	2152	0.0	2999	2152	0	0.34	0	68.1	56.9	49.2
7-8 AM	3009	0.0	2999	3009	0	0.83	6	67.0	45.8	37.5
8-9 AM	2503	0.0	3000	2503	0	0.45	1	67.6	54.0	45.9
9-10 AM	1326	0.0	3000	1326	0	0.35	0	69.1	57.6	49.7
10-11 AM	1120	0.0	3000	1120	0	0.35	0	69.4	57.7	49.7
11AM-NOON	1191	0.0	3000	1191	0	0.35	0	69.2	57.7	49.7
NOON-1PM	1199	0.0	3000	1199	0	0.35	0	69.2	57.7	49.7
1-2 PM	1215	0.0	3000	1215	0	0.35	0	69.2	57.7	49.7
2-3 PM	1280	0.0	3000	1280	0	0.35	0	69.1	57.6	49.7
3-4 PM	1490	0.0	3000	1490	0	0.34	0	68.9	57.6	49.7
4-5 PM	1574	0.0	3000	1574	0	0.34	0	68.8	57.5	49.7
5-6 PM	1351	0.0	3000	1351	0	0.35	0	69.1	57.6	49.7
6-7 PM	1219	0.0	3000	1219	0	0.35	0	69.2	57.7	49.7
7-8 PM	933	0.0	3000	933	0	0.35	0	69.6	57.8	49.7
8-9 PM	719	0.0	3000	719	0	0.36	0	69.9	57.9	49.7
9-10 PM	608	0.0	3000	608	0	0.36	0	70.0	57.9	49.7
10-11 PM	574	0.0	3000	574	0	0.36	0	70.0	57.9	49.7
11PM-MID	396	0.0	3000	396	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	0.0081
MAIN ROUTE WITH WORKS	0.0064
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS

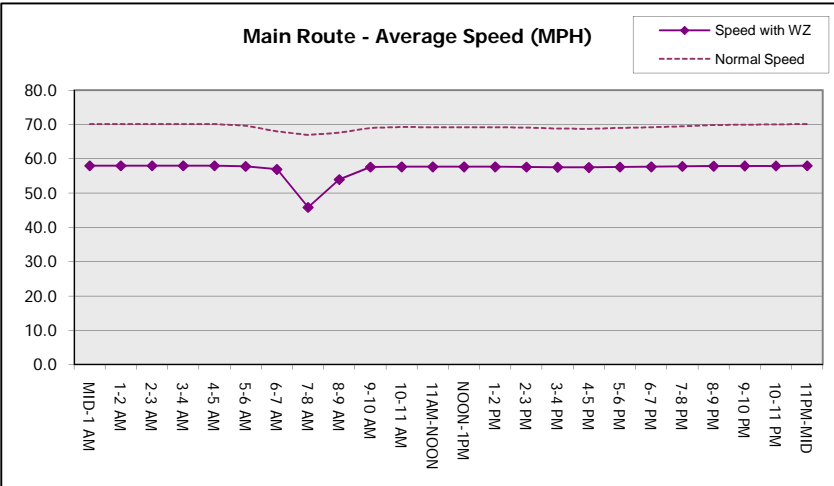
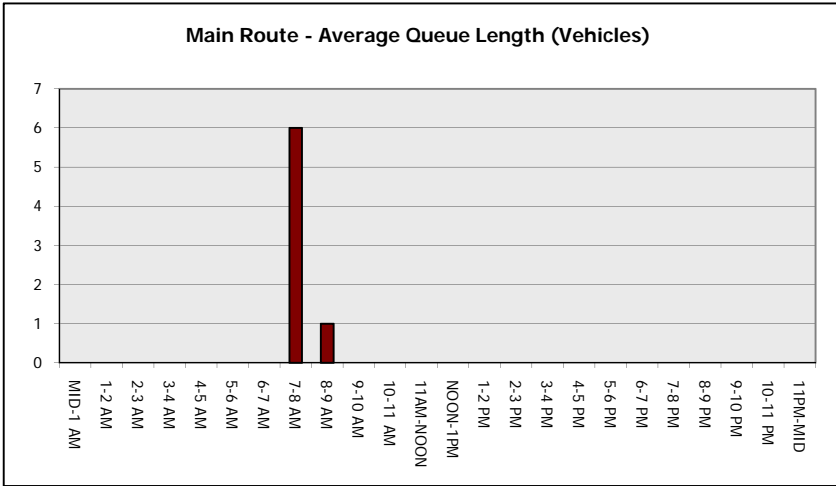
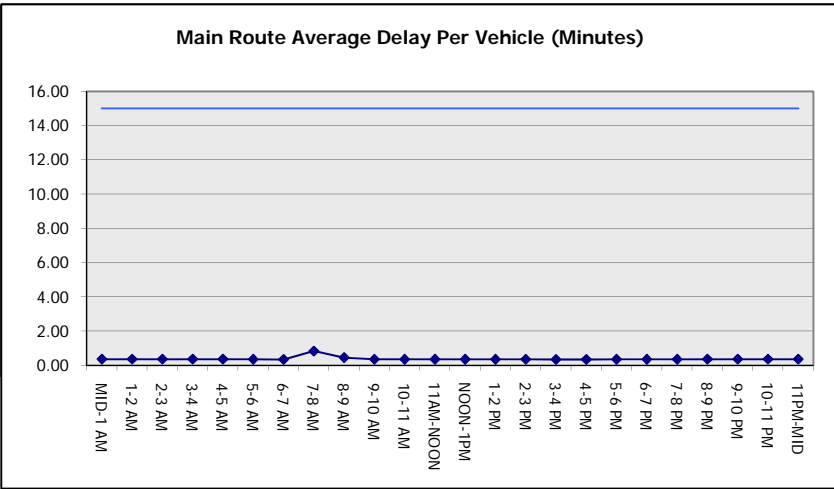
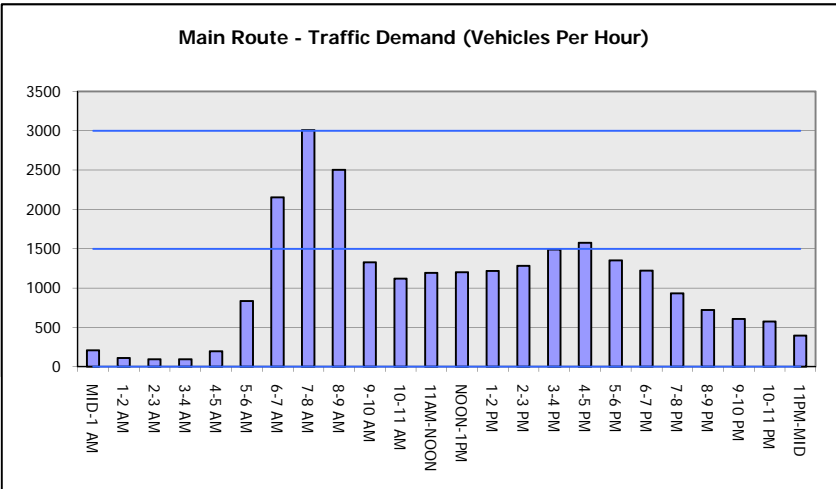
ROAD USER COSTS PER DAY	\$2,062
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY WESTBOUND DIRECTION



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SUMMARY OF TRAFFIC MODEL OUTPUT

FRIDAY 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	382	0.0	3000	382	0	0.36	0	70.2	58.0	49.7
1-2 AM	206	0.0	3000	206	0	0.36	0	70.2	58.0	49.7
2-3 AM	203	0.0	3000	203	0	0.36	0	70.2	58.0	49.7
3-4 AM	104	0.0	3000	104	0	0.36	0	70.2	58.0	49.7
4-5 AM	151	0.0	3000	151	0	0.36	0	70.2	58.0	49.7
5-6 AM	385	0.0	3000	385	0	0.36	0	70.2	58.0	49.7
6-7 AM	678	0.0	3000	678	0	0.36	0	69.9	57.9	49.7
7-8 AM	758	0.0	3000	758	0	0.35	0	69.8	57.9	49.7
8-9 AM	773	0.0	3000	773	0	0.35	0	69.8	57.9	49.7
9-10 AM	782	0.0	3000	782	0	0.35	0	69.7	57.9	49.7
10-11 AM	831	0.0	3000	831	0	0.35	0	69.7	57.8	49.7
11AM-NOON	1140	0.0	3000	1140	0	0.35	0	69.3	57.7	49.7
NOON-1PM	1256	0.0	3000	1256	0	0.35	0	69.2	57.6	49.7
1-2 PM	1335	0.0	3000	1335	0	0.35	0	69.1	57.6	49.7
2-3 PM	1611	0.0	3000	1611	0	0.34	0	68.7	57.5	49.7
3-4 PM	2307	0.0	3000	2307	0	0.33	0	67.9	57.2	49.7
4-5 PM	2876	0.0	2999	2876	0	0.65	0	67.1	49.3	39.2
5-6 PM	2866	0.0	2999	2866	0	0.76	8	67.2	47.2	40.1
6-7 PM	1337	0.0	3000	1337	0	0.35	0	69.1	57.6	49.7
7-8 PM	962	0.0	3000	962	0	0.35	0	69.6	57.8	49.7
8-9 PM	876	0.0	3000	876	0	0.35	0	69.6	57.8	49.7
9-10 PM	900	0.0	3000	900	0	0.35	0	69.6	57.8	49.7
10-11 PM	1035	0.0	3000	1035	0	0.35	0	69.4	57.8	49.7
11PM-MID	867	0.0	3000	867	0	0.35	0	69.7	57.8	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	0.0078
MAIN ROUTE WITH WORKS	0.0062
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$2,073
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

