

IH 794: LINCOLN AVE TO LINCOLN MEMORIAL DR (MILWAUKEE COUNTY) OFF-PEAK DAY 2 LANE CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	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	145	0.0	OFF	145	0	0.00	0	70.2	70.2	70.2
1-2 AM	82	0.0	OFF	82	0	0.00	0	70.2	70.2	70.2
2-3 AM	72	0.0	OFF	72	0	0.00	0	70.2	70.2	70.2
3-4 AM	87	0.0	OFF	87	0	0.00	0	70.2	70.2	70.2
4-5 AM	194	0.0	OFF	194	0	0.00	0	70.2	70.2	70.2
5-6 AM	833	0.0	OFF	833	0	0.00	0	69.7	69.7	69.7
6-7 AM	2285	0.0	OFF	2285	0	0.00	0	67.9	67.9	67.9
7-8 AM	3602	0.0	OFF	3602	0	0.00	0	66.3	66.3	66.3
8-9 AM	2626	0.0	OFF	2626	0	0.00	0	67.4	67.4	67.4
9-10 AM	1156	0.0	OFF	1156	0	0.00	0	69.3	69.3	69.3
10-11 AM	960	0.0	1500	960	0	0.58	0	69.6	52.0	41.8
11AM-NOON	992	0.0	1500	992	0	0.59	0	69.5	51.9	41.7
NOON-1PM	1052	0.0	1500	1052	0	0.59	0	69.4	51.7	41.5
1-2 PM	1038	0.0	1500	1038	0	0.59	0	69.4	51.7	41.5
2-3 PM	1166	0.0	1500	1166	0	0.66	0	69.3	50.1	39.6
3-4 PM	1265	0.0	OFF	1265	0	0.00	0	69.2	69.2	69.2
4-5 PM	1237	0.0	OFF	1237	0	0.00	0	69.2	69.2	69.2
5-6 PM	1186	0.0	OFF	1186	0	0.00	0	69.2	69.2	69.2
6-7 PM	959	0.0	OFF	959	0	0.00	0	69.6	69.6	69.6
7-8 PM	675	0.0	OFF	675	0	0.00	0	69.9	69.9	69.9
8-9 PM	604	0.0	OFF	604	0	0.00	0	70.0	70.0	70.0
9-10 PM	548	0.0	OFF	548	0	0.00	0	70.0	70.0	70.0
10-11 PM	421	0.0	OFF	421	0	0.00	0	70.2	70.2	70.2
11PM-MID	257	0.0	OFF	257	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

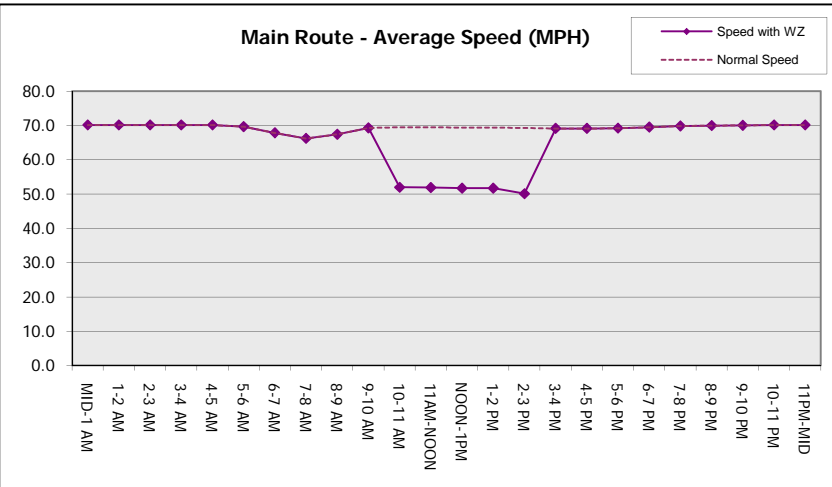
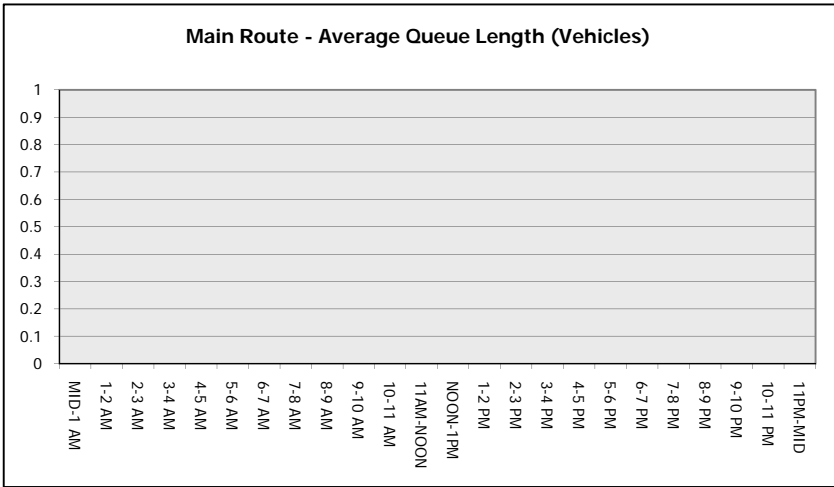
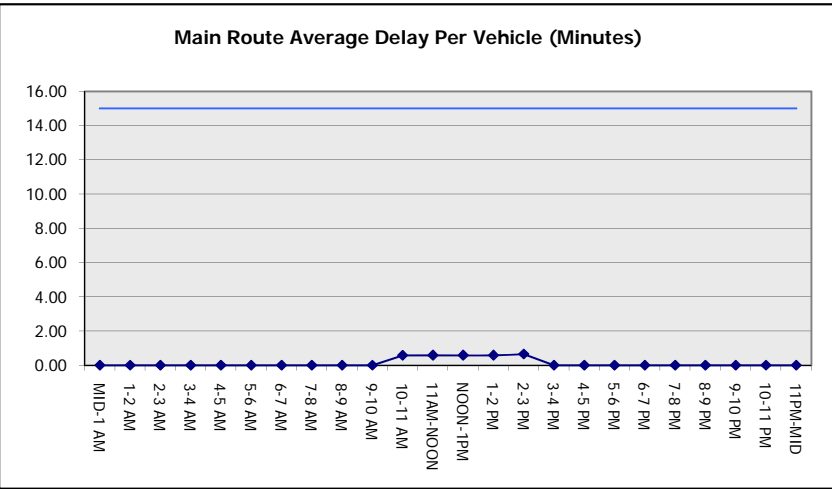
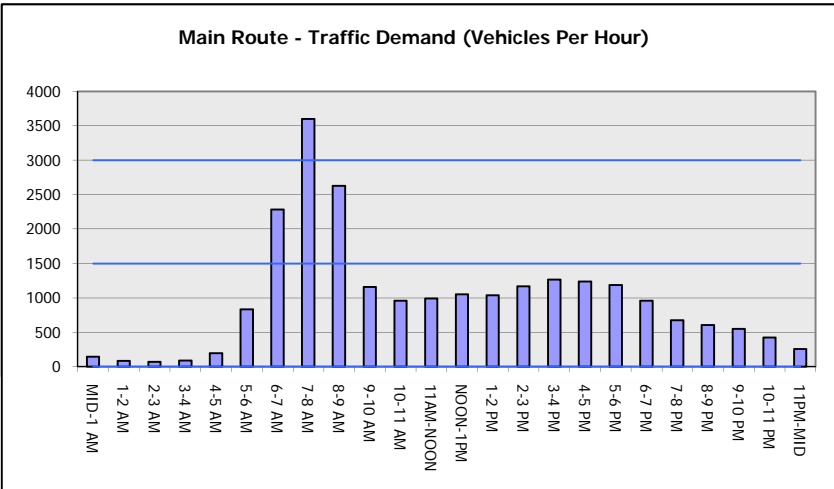
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0075
MAIN ROUTE WITH WORKS	0.0071
'DIVERSION'	0.0000
<small>PIA: Personal Injury Accidents</small>	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$659
CONGESTED HOURS PER DAY*	0

*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	219	0.0	OFF	219	0	0.00	0	70.2	70.2	70.2
1-2 AM	137	0.0	OFF	137	0	0.00	0	70.2	70.2	70.2
2-3 AM	114	0.0	OFF	114	0	0.00	0	70.2	70.2	70.2
3-4 AM	76	0.0	OFF	76	0	0.00	0	70.2	70.2	70.2
4-5 AM	111	0.0	OFF	111	0	0.00	0	70.2	70.2	70.2
5-6 AM	324	0.0	OFF	324	0	0.00	0	70.2	70.2	70.2
6-7 AM	710	0.0	OFF	710	0	0.00	0	69.9	69.9	69.9
7-8 AM	930	0.0	OFF	930	0	0.00	0	69.6	69.6	69.6
8-9 AM	793	0.0	OFF	793	0	0.00	0	69.7	69.7	69.7
9-10 AM	632	0.0	OFF	632	0	0.00	0	69.9	69.9	69.9
10-11 AM	729	0.0	1500	729	0	0.56	0	69.8	52.7	42.7
11AM-NOON	925	0.0	1500	925	0	0.58	0	69.6	52.1	41.9
NOON-1PM	1065	0.0	1500	1065	0	0.59	0	69.4	51.7	41.4
1-2 PM	1096	0.0	1499	1096	0	0.62	0	69.4	51.1	40.8
2-3 PM	1523	0.0	1499	1523	0	1.61	21	68.9	35.8	32.2
3-4 PM	2283	0.0	OFF	2283	0	0.01	0	67.9	67.4	67.4
4-5 PM	3042	0.0	OFF	3042	0	0.00	0	66.9	66.9	66.9
5-6 PM	3170	0.0	OFF	3170	0	0.00	0	66.8	66.8	66.8
6-7 PM	1539	0.0	OFF	1539	0	0.00	0	68.8	68.8	68.8
7-8 PM	1043	0.0	OFF	1043	0	0.00	0	69.4	69.4	69.4
8-9 PM	916	0.0	OFF	916	0	0.00	0	69.6	69.6	69.6
9-10 PM	797	0.0	OFF	797	0	0.00	0	69.7	69.7	69.7
10-11 PM	601	0.0	OFF	601	0	0.00	0	70.0	70.0	70.0
11PM-MID	420	0.0	OFF	420	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	0.0074
MAIN ROUTE WITH WORKS	0.0070
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$990
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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MON-THUR EASTBOUND DIRECTION

