

IH 794: LINCOLN AVE TO LINCOLN MEMORIAL DR (MILWAUKEE COUNTY) CONTINUOUS (24 HOUR) 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	3000	145	0	0.36	0	70.2	58.0	49.7
1-2 AM	82	0.0	3000	82	0	0.36	0	70.2	58.0	49.7
2-3 AM	72	0.0	3000	72	0	0.36	0	70.2	58.0	49.7
3-4 AM	87	0.0	3000	87	0	0.36	0	70.2	58.0	49.7
4-5 AM	194	0.0	3000	194	0	0.36	0	70.2	58.0	49.7
5-6 AM	833	0.0	3000	833	0	0.35	0	69.7	57.8	49.7
6-7 AM	2285	0.0	2999	2285	0	0.41	0	67.9	55.1	46.8
7-8 AM	3602	0.0	2999	3602	0	5.13	290	66.3	18.6	37.3
8-9 AM	2626	0.0	2999	2626	0	9.32	491	67.4	13.1	38.9
9-10 AM	1156	0.0	3000	1156	0	0.49	15	69.3	54.0	49.7
10-11 AM	960	0.0	3000	960	0	0.35	0	69.6	57.8	49.7
11AM-NOON	992	0.0	3000	992	0	0.35	0	69.5	57.8	49.7
NOON-1PM	1052	0.0	3000	1052	0	0.35	0	69.4	57.8	49.7
1-2 PM	1038	0.0	3000	1038	0	0.35	0	69.4	57.8	49.7
2-3 PM	1166	0.0	3000	1166	0	0.35	0	69.3	57.7	49.7
3-4 PM	1265	0.0	3000	1265	0	0.35	0	69.2	57.6	49.7
4-5 PM	1237	0.0	3000	1237	0	0.35	0	69.2	57.6	49.7
5-6 PM	1186	0.0	3000	1186	0	0.35	0	69.2	57.7	49.7
6-7 PM	959	0.0	3000	959	0	0.35	0	69.6	57.8	49.7
7-8 PM	675	0.0	3000	675	0	0.36	0	69.9	57.9	49.7
8-9 PM	604	0.0	3000	604	0	0.36	0	70.0	57.9	49.7
9-10 PM	548	0.0	3000	548	0	0.36	0	70.0	57.9	49.7
10-11 PM	421	0.0	3000	421	0	0.36	0	70.2	58.0	49.7
11PM-MID	257	0.0	3000	257	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	0.0075
MAIN ROUTE WITH WORKS	0.0059
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS

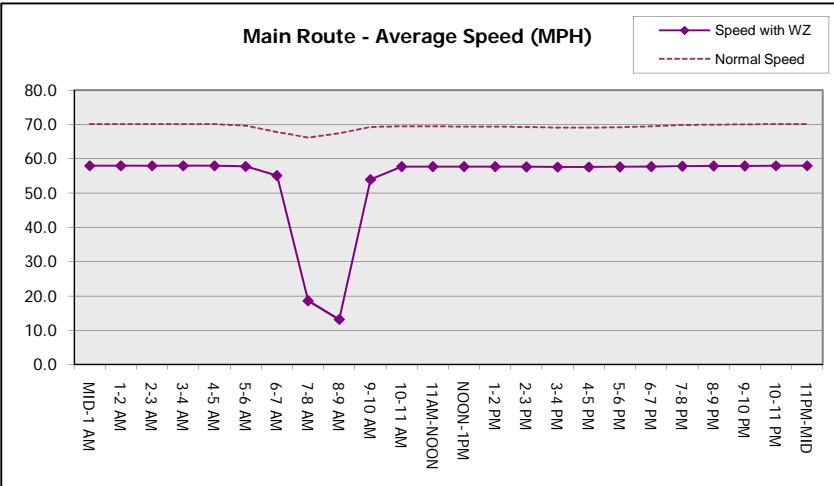
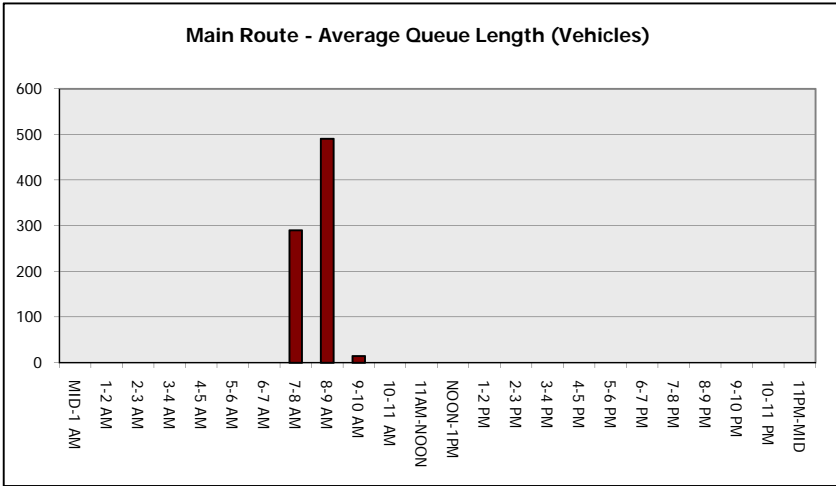
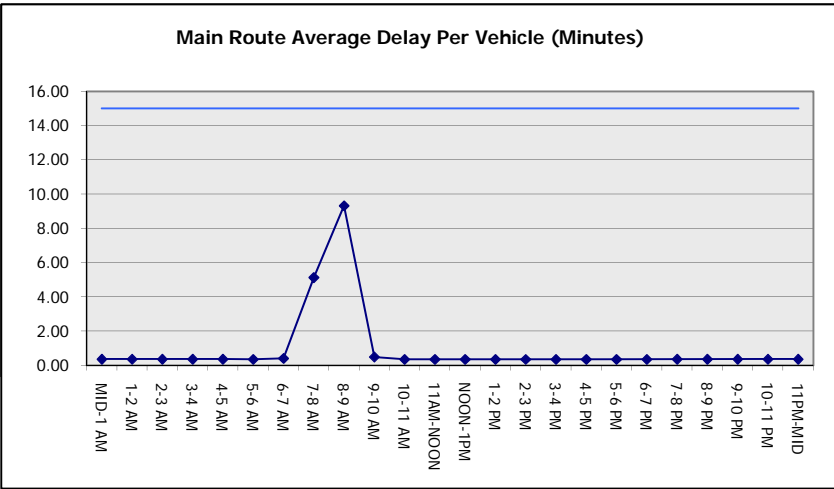
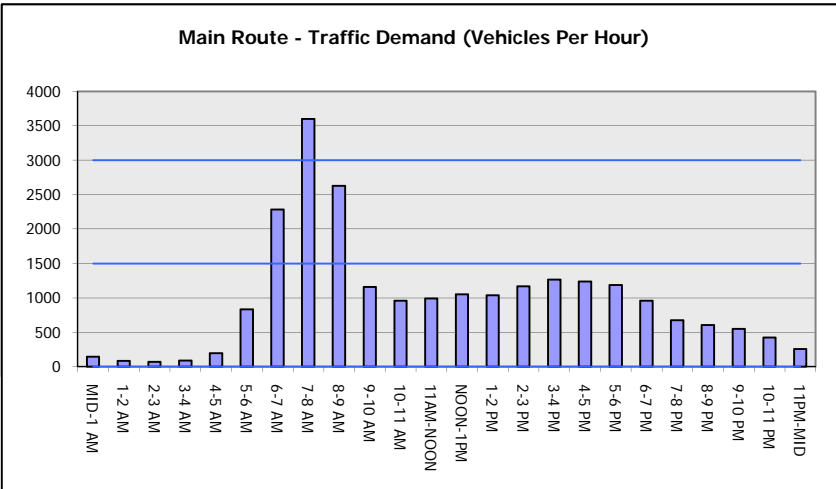
ROAD USER COSTS PER DAY	\$10,380
CONGESTED HOURS PER DAY*	0

*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	3000	219	0	0.36	0	70.2	58.0	49.7
1-2 AM	137	0.0	3000	137	0	0.36	0	70.2	58.0	49.7
2-3 AM	114	0.0	3000	114	0	0.36	0	70.2	58.0	49.7
3-4 AM	76	0.0	3000	76	0	0.36	0	70.2	58.0	49.7
4-5 AM	111	0.0	3000	111	0	0.36	0	70.2	58.0	49.7
5-6 AM	324	0.0	3000	324	0	0.36	0	70.2	58.0	49.7
6-7 AM	710	0.0	3000	710	0	0.36	0	69.9	57.9	49.7
7-8 AM	930	0.0	3000	930	0	0.35	0	69.6	57.8	49.7
8-9 AM	793	0.0	3000	793	0	0.35	0	69.7	57.9	49.7
9-10 AM	632	0.0	3000	632	0	0.36	0	69.9	57.9	49.7
10-11 AM	729	0.0	3000	729	0	0.35	0	69.8	57.9	49.7
11AM-NOON	925	0.0	3000	925	0	0.35	0	69.6	57.8	49.7
NOON-1PM	1065	0.0	3000	1065	0	0.35	0	69.4	57.8	49.7
1-2 PM	1096	0.0	3000	1096	0	0.35	0	69.4	57.7	49.7
2-3 PM	1523	0.0	3000	1523	0	0.34	0	68.9	57.6	49.7
3-4 PM	2283	0.0	2999	2283	0	0.36	0	67.9	56.4	48.6
4-5 PM	3042	0.0	2999	3042	0	1.00	19	66.9	43.0	37.8
5-6 PM	3170	0.0	3000	3170	0	4.39	208	66.8	19.5	37.3
6-7 PM	1539	0.0	3000	1539	0	0.58	25	68.8	51.7	49.7
7-8 PM	1043	0.0	3000	1043	0	0.35	0	69.4	57.8	49.7
8-9 PM	916	0.0	3000	916	0	0.35	0	69.6	57.8	49.7
9-10 PM	797	0.0	3000	797	0	0.35	0	69.7	57.8	49.7
10-11 PM	601	0.0	3000	601	0	0.36	0	70.0	57.9	49.7
11PM-MID	420	0.0	3000	420	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	0.0074
MAIN ROUTE WITH WORKS	0.0059
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$4,905
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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MON-THUR EASTBOUND DIRECTION

