

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

SATURDAY 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	246	0.0	3000	246	0	0.36	0	70.2	58.0	49.7
1-2 AM	156	0.0	3000	156	0	0.36	0	70.2	58.0	49.7
2-3 AM	138	0.0	3000	138	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	124	0.0	3000	124	0	0.36	0	70.2	58.0	49.7
5-6 AM	283	0.0	3000	283	0	0.36	0	70.2	58.0	49.7
6-7 AM	520	0.0	3000	520	0	0.36	0	70.1	57.9	49.7
7-8 AM	685	0.0	3000	685	0	0.36	0	69.9	57.9	49.7
8-9 AM	900	0.0	3000	900	0	0.35	0	69.6	57.8	49.7
9-10 AM	683	0.0	3000	683	0	0.36	0	69.9	57.9	49.7
10-11 AM	787	0.0	3000	787	0	0.35	0	69.7	57.9	49.7
11AM-NOON	1028	0.0	3000	1028	0	0.35	0	69.4	57.8	49.7
NOON-1PM	1072	0.0	3000	1072	0	0.35	0	69.4	57.8	49.7
1-2 PM	1050	0.0	3000	1050	0	0.35	0	69.4	57.8	49.7
2-3 PM	1062	0.0	3000	1062	0	0.35	0	69.4	57.8	49.7
3-4 PM	1074	0.0	3000	1074	0	0.35	0	69.4	57.8	49.7
4-5 PM	1066	0.0	3000	1066	0	0.35	0	69.4	57.8	49.7
5-6 PM	981	0.0	3000	981	0	0.35	0	69.5	57.8	49.7
6-7 PM	931	0.0	3000	931	0	0.35	0	69.6	57.8	49.7
7-8 PM	603	0.0	3000	603	0	0.36	0	70.0	57.9	49.7
8-9 PM	483	0.0	3000	483	0	0.36	0	70.1	58.0	49.7
9-10 PM	561	0.0	3000	561	0	0.36	0	70.0	57.9	49.7
10-11 PM	539	0.0	3000	539	0	0.36	0	70.0	57.9	49.7
11PM-MID	395	0.0	3000	395	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	0.0049
MAIN ROUTE WITH WORKS	0.0039
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS

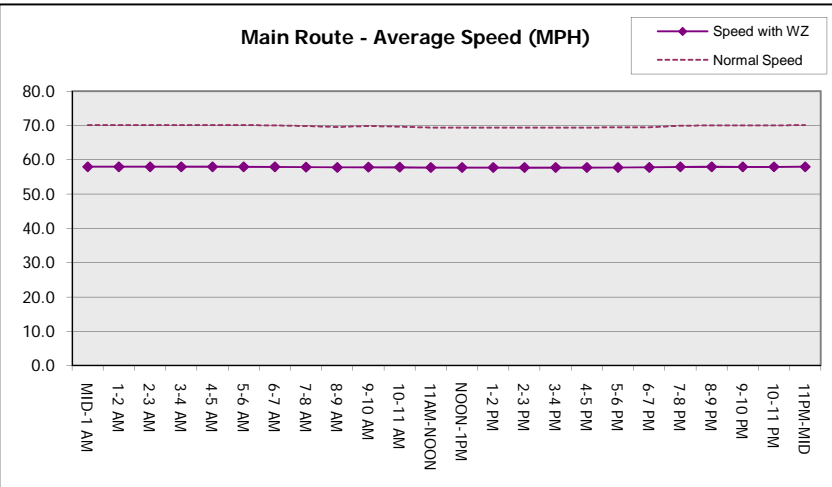
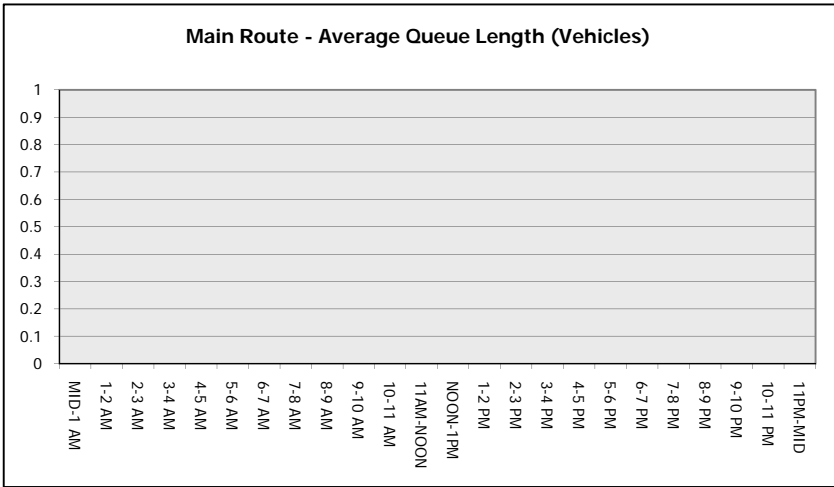
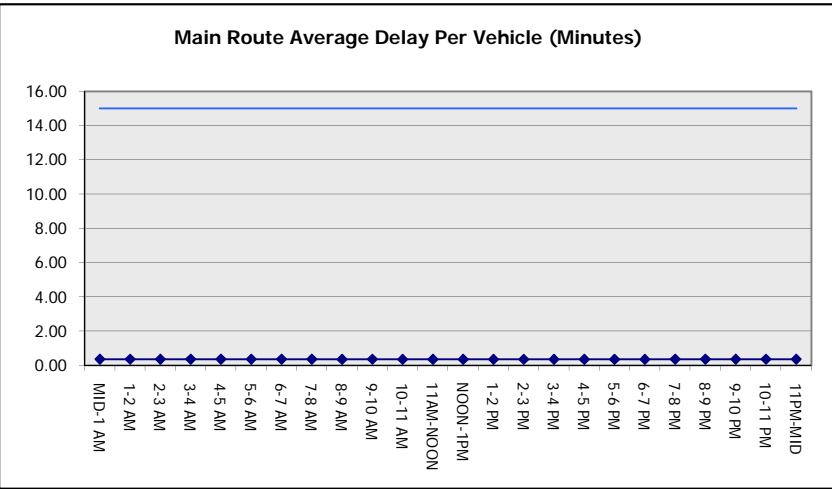
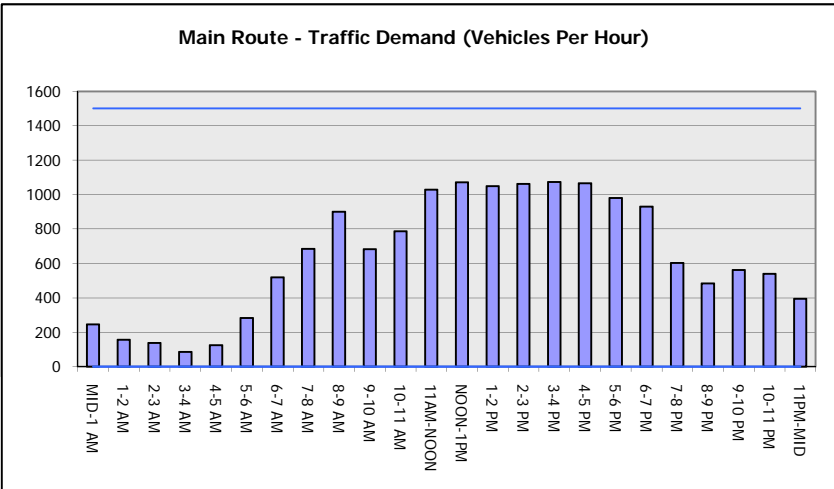
ROAD USER COSTS PER DAY	\$1,315
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY WESTBOUND DIRECTION



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SUMMARY OF TRAFFIC MODEL OUTPUT

SATURDAY 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	457	0.0	3000	457	0	0.36	0	70.2	58.0	49.7
1-2 AM	286	0.0	3000	286	0	0.36	0	70.2	58.0	49.7
2-3 AM	285	0.0	3000	285	0	0.36	0	70.2	58.0	49.7
3-4 AM	148	0.0	3000	148	0	0.36	0	70.2	58.0	49.7
4-5 AM	122	0.0	3000	122	0	0.36	0	70.2	58.0	49.7
5-6 AM	177	0.0	3000	177	0	0.36	0	70.2	58.0	49.7
6-7 AM	279	0.0	3000	279	0	0.36	0	70.2	58.0	49.7
7-8 AM	323	0.0	3000	323	0	0.36	0	70.2	58.0	49.7
8-9 AM	479	0.0	3000	479	0	0.36	0	70.1	58.0	49.7
9-10 AM	441	0.0	3000	441	0	0.36	0	70.2	58.0	49.7
10-11 AM	662	0.0	3000	662	0	0.36	0	69.9	57.9	49.7
11AM-NOON	997	0.0	3000	997	0	0.35	0	69.5	57.8	49.7
NOON-1PM	1096	0.0	3000	1096	0	0.35	0	69.4	57.7	49.7
1-2 PM	1034	0.0	3000	1034	0	0.35	0	69.4	57.8	49.7
2-3 PM	1134	0.0	3000	1134	0	0.35	0	69.3	57.7	49.7
3-4 PM	1132	0.0	3000	1132	0	0.35	0	69.3	57.7	49.7
4-5 PM	991	0.0	3000	991	0	0.35	0	69.5	57.8	49.7
5-6 PM	972	0.0	3000	972	0	0.35	0	69.6	57.8	49.7
6-7 PM	882	0.0	3000	882	0	0.35	0	69.6	57.8	49.7
7-8 PM	576	0.0	3000	576	0	0.36	0	70.0	57.9	49.7
8-9 PM	571	0.0	3000	571	0	0.36	0	70.0	57.9	49.7
9-10 PM	807	0.0	3000	807	0	0.35	0	69.7	57.8	49.7
10-11 PM	751	0.0	3000	751	0	0.35	0	69.8	57.9	49.7
11PM-MID	615	0.0	3000	615	0	0.36	0	70.0	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	0.0048
MAIN ROUTE WITH WORKS	0.0038
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,295
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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SATURDAY EASTBOUND DIRECTION

