

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

SUNDAY 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	254	0.0	3000	254	0	0.36	0	70.2	58.0	49.7
1-2 AM	167	0.0	3000	167	0	0.36	0	70.2	58.0	49.7
2-3 AM	137	0.0	3000	137	0	0.36	0	70.2	58.0	49.7
3-4 AM	79	0.0	3000	79	0	0.36	0	70.2	58.0	49.7
4-5 AM	67	0.0	3000	67	0	0.36	0	70.2	58.0	49.7
5-6 AM	149	0.0	3000	149	0	0.36	0	70.2	58.0	49.7
6-7 AM	276	0.0	3000	276	0	0.36	0	70.2	58.0	49.7
7-8 AM	355	0.0	3000	355	0	0.36	0	70.2	58.0	49.7
8-9 AM	549	0.0	3000	549	0	0.36	0	70.0	57.9	49.7
9-10 AM	694	0.0	3000	694	0	0.36	0	69.9	57.9	49.7
10-11 AM	813	0.0	3000	813	0	0.35	0	69.7	57.8	49.7
11AM-NOON	972	0.0	3000	972	0	0.35	0	69.6	57.8	49.7
NOON-1PM	1061	0.0	3000	1061	0	0.35	0	69.4	57.8	49.7
1-2 PM	1002	0.0	3000	1002	0	0.35	0	69.5	57.8	49.7
2-3 PM	882	0.0	3000	882	0	0.35	0	69.6	57.8	49.7
3-4 PM	840	0.0	3000	840	0	0.35	0	69.7	57.8	49.7
4-5 PM	809	0.0	3000	809	0	0.35	0	69.7	57.8	49.7
5-6 PM	732	0.0	3000	732	0	0.35	0	69.8	57.9	49.7
6-7 PM	733	0.0	3000	733	0	0.35	0	69.8	57.9	49.7
7-8 PM	588	0.0	3000	588	0	0.36	0	70.0	57.9	49.7
8-9 PM	530	0.0	3000	530	0	0.36	0	70.0	57.9	49.7
9-10 PM	469	0.0	3000	469	0	0.36	0	70.2	58.0	49.7
10-11 PM	341	0.0	3000	341	0	0.36	0	70.2	58.0	49.7
11PM-MID	208	0.0	3000	208	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

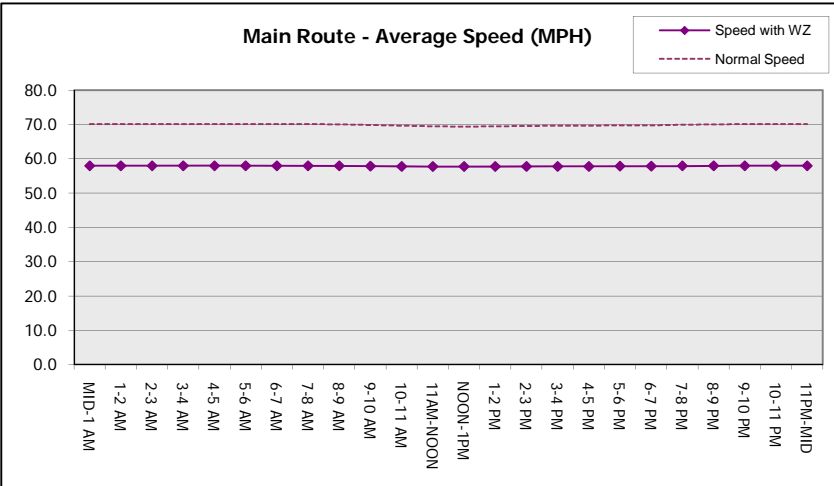
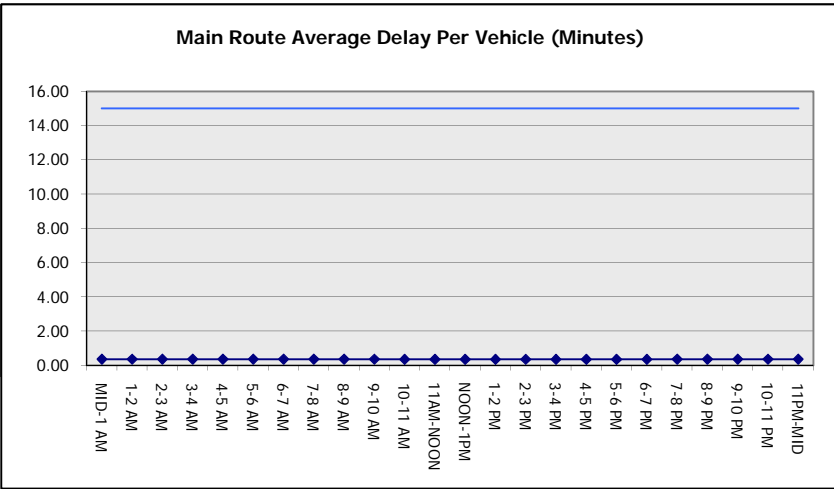
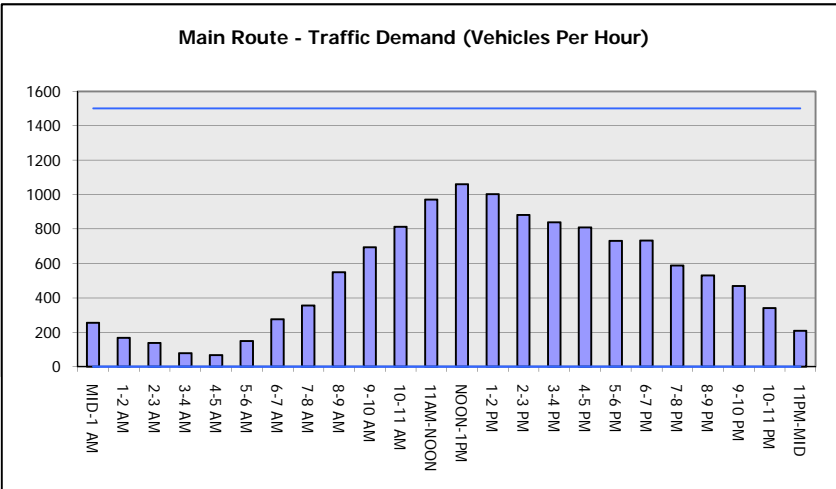
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0040
MAIN ROUTE WITH WORKS	0.0032
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,100
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY WESTBOUND DIRECTION



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SUMMARY OF TRAFFIC MODEL OUTPUT

SUNDAY 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	421	0.0	3000	421	0	0.36	0	70.2	58.0	49.7
1-2 AM	285	0.0	3000	285	0	0.36	0	70.2	58.0	49.7
2-3 AM	310	0.0	3000	310	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	97	0.0	3000	97	0	0.36	0	70.2	58.0	49.7
5-6 AM	112	0.0	3000	112	0	0.36	0	70.2	58.0	49.7
6-7 AM	179	0.0	3000	179	0	0.36	0	70.2	58.0	49.7
7-8 AM	209	0.0	3000	209	0	0.36	0	70.2	58.0	49.7
8-9 AM	303	0.0	3000	303	0	0.36	0	70.2	58.0	49.7
9-10 AM	444	0.0	3000	444	0	0.36	0	70.2	58.0	49.7
10-11 AM	598	0.0	3000	598	0	0.36	0	70.0	57.9	49.7
11AM-NOON	814	0.0	3000	814	0	0.35	0	69.7	57.8	49.7
NOON-1PM	911	0.0	3000	911	0	0.35	0	69.6	57.8	49.7
1-2 PM	932	0.0	3000	932	0	0.35	0	69.6	57.8	49.7
2-3 PM	1025	0.0	3000	1025	0	0.35	0	69.4	57.8	49.7
3-4 PM	1047	0.0	3000	1047	0	0.35	0	69.4	57.8	49.7
4-5 PM	1101	0.0	3000	1101	0	0.35	0	69.4	57.7	49.7
5-6 PM	970	0.0	3000	970	0	0.35	0	69.6	57.8	49.7
6-7 PM	834	0.0	3000	834	0	0.35	0	69.7	57.8	49.7
7-8 PM	757	0.0	3000	757	0	0.35	0	69.8	57.9	49.7
8-9 PM	635	0.0	3000	635	0	0.36	0	69.9	57.9	49.7
9-10 PM	538	0.0	3000	538	0	0.36	0	70.0	57.9	49.7
10-11 PM	422	0.0	3000	422	0	0.36	0	70.2	58.0	49.7
11PM-MID	262	0.0	3000	262	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	0.0043
MAIN ROUTE WITH WORKS	0.0034
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,155
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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SUNDAY EASTBOUND DIRECTION

