

IH 794: LINCOLN AVE TO LINCOLN MEMORIAL DR (MILWAUKEE COUNTY) CONTINUOUS (24 HOUR) 2 LANE 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	1500	254	0	0.50	0	70.2	54.2	44.5
1-2 AM	167	0.0	1500	167	0	0.49	0	70.2	54.5	44.8
2-3 AM	137	0.0	1500	137	0	0.49	0	70.2	54.6	45.0
3-4 AM	79	0.0	1500	79	0	0.48	0	70.2	54.8	45.1
4-5 AM	67	0.0	1500	67	0	0.48	0	70.2	54.8	45.2
5-6 AM	149	0.0	1500	149	0	0.49	0	70.2	54.5	44.9
6-7 AM	276	0.0	1500	276	0	0.51	0	70.2	54.2	44.4
7-8 AM	355	0.0	1500	355	0	0.52	0	70.2	53.9	44.1
8-9 AM	549	0.0	1500	549	0	0.54	0	70.0	53.3	43.3
9-10 AM	694	0.0	1500	694	0	0.55	0	69.9	52.8	42.8
10-11 AM	813	0.0	1500	813	0	0.57	0	69.7	52.5	42.4
11AM-NOON	972	0.0	1500	972	0	0.58	0	69.6	52.0	41.8
NOON-1PM	1061	0.0	1500	1061	0	0.59	0	69.4	51.7	41.5
1-2 PM	1002	0.0	1500	1002	0	0.59	0	69.5	51.9	41.7
2-3 PM	882	0.0	1500	882	0	0.57	0	69.6	52.2	42.1
3-4 PM	840	0.0	1500	840	0	0.57	0	69.7	52.4	42.2
4-5 PM	809	0.0	1500	809	0	0.57	0	69.7	52.5	42.4
5-6 PM	732	0.0	1500	732	0	0.56	0	69.8	52.7	42.7
6-7 PM	733	0.0	1500	733	0	0.56	0	69.8	52.7	42.7
7-8 PM	588	0.0	1500	588	0	0.54	0	70.0	53.2	43.2
8-9 PM	530	0.0	1500	530	0	0.54	0	70.0	53.3	43.4
9-10 PM	469	0.0	1500	469	0	0.53	0	70.2	53.6	43.6
10-11 PM	341	0.0	1500	341	0	0.51	0	70.2	54.0	44.2
11PM-MID	208	0.0	1500	208	0	0.50	0	70.2	54.3	44.6

----- 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	\$1,775
CONGESTED HOURS PER DAY*	0

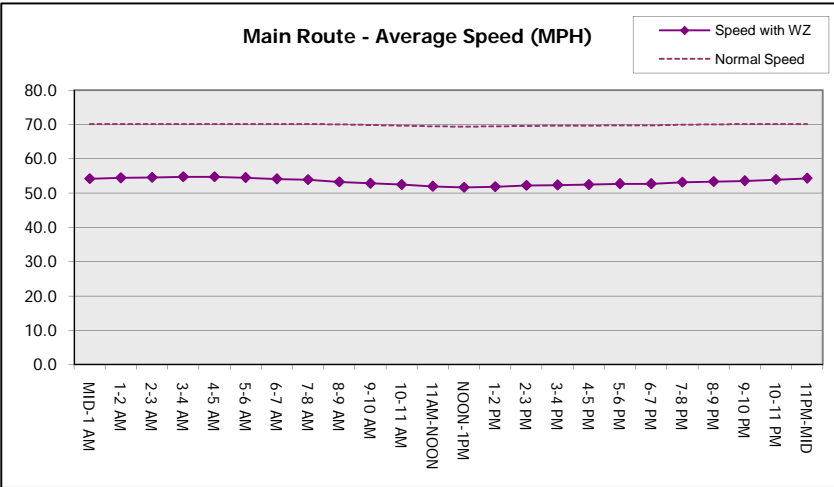
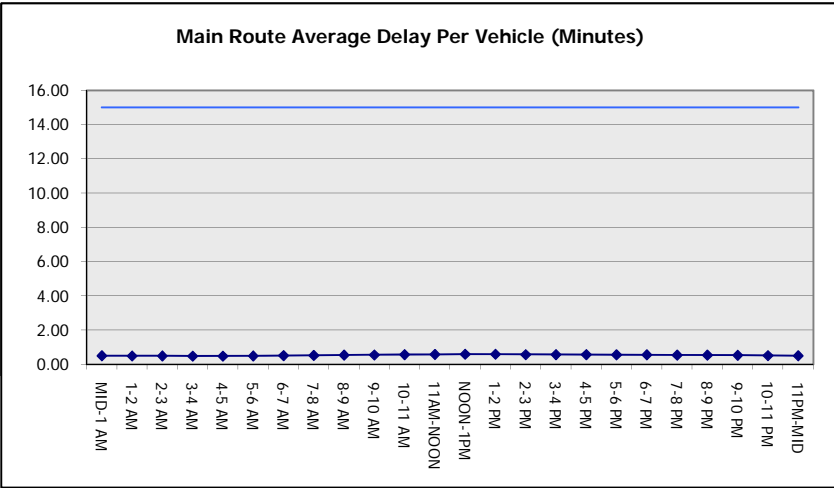
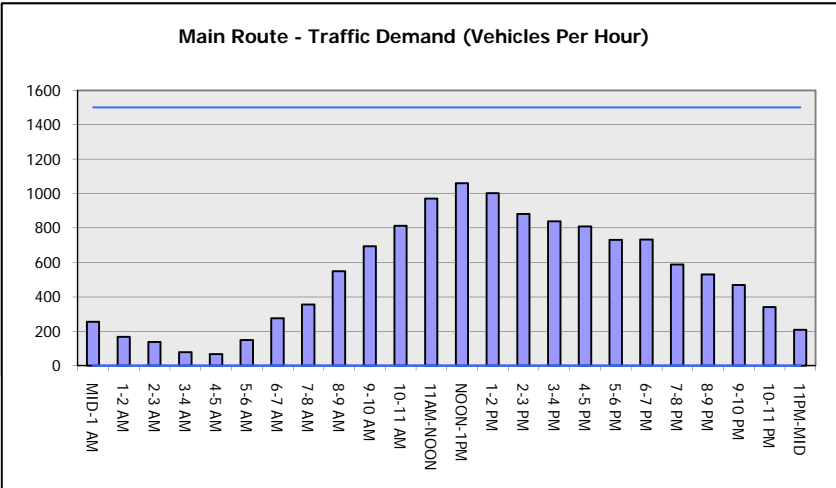
*Delays Exceeding User-Specified Maximum

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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	1500	421	0	0.52	0	70.2	53.7	43.8
1-2 AM	285	0.0	1500	285	0	0.51	0	70.2	54.1	44.3
2-3 AM	310	0.0	1500	310	0	0.51	0	70.2	54.0	44.2
3-4 AM	148	0.0	1500	148	0	0.49	0	70.2	54.5	44.9
4-5 AM	97	0.0	1500	97	0	0.48	0	70.2	54.7	45.1
5-6 AM	112	0.0	1500	112	0	0.49	0	70.2	54.6	45.0
6-7 AM	179	0.0	1500	179	0	0.49	0	70.2	54.5	44.8
7-8 AM	209	0.0	1500	209	0	0.50	0	70.2	54.3	44.6
8-9 AM	303	0.0	1500	303	0	0.51	0	70.2	54.1	44.3
9-10 AM	444	0.0	1500	444	0	0.53	0	70.2	53.7	43.7
10-11 AM	598	0.0	1500	598	0	0.54	0	70.0	53.2	43.2
11AM-NOON	814	0.0	1500	814	0	0.57	0	69.7	52.5	42.4
NOON-1PM	911	0.0	1500	911	0	0.58	0	69.6	52.2	42.0
1-2 PM	932	0.0	1500	932	0	0.58	0	69.6	52.1	41.9
2-3 PM	1025	0.0	1500	1025	0	0.59	0	69.4	51.8	41.6
3-4 PM	1047	0.0	1500	1047	0	0.59	0	69.4	51.7	41.5
4-5 PM	1101	0.0	1500	1101	0	0.60	0	69.4	51.5	41.3
5-6 PM	970	0.0	1500	970	0	0.58	0	69.6	52.0	41.8
6-7 PM	834	0.0	1500	834	0	0.57	0	69.7	52.4	42.3
7-8 PM	757	0.0	1500	757	0	0.56	0	69.8	52.6	42.5
8-9 PM	635	0.0	1500	635	0	0.55	0	69.9	53.0	43.0
9-10 PM	538	0.0	1500	538	0	0.54	0	70.0	53.3	43.3
10-11 PM	422	0.0	1500	422	0	0.52	0	70.2	53.7	43.8
11PM-MID	262	0.0	1500	262	0	0.50	0	70.2	54.2	44.4

----- 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	\$1,878
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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SUNDAY EASTBOUND DIRECTION

