

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

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	1500	145	0	0.49	0	70.2	54.5	44.9	
1-2 AM	82	0.0	1500	82	0	0.48	0	70.2	54.7	45.1	
2-3 AM	72	0.0	1500	72	0	0.48	0	70.2	54.8	45.2	
3-4 AM	87	0.0	1500	87	0	0.48	0	70.2	54.7	45.1	
4-5 AM	194	0.0	1500	194	0	0.50	0	70.2	54.4	44.7	
5-6 AM	833	0.0	1500	833	0	0.57	0	69.7	52.4	42.3	
6-7 AM	2285	0.0	1499	1941	344	8.44+	245	67.9	12.5	30.8	
7-8 AM	3602	0.0	1500	1500	2102	17.08+	420	66.3	7.5	30.8	
8-9 AM	2626	0.0	1499	1491	1135	16.92+	415	67.4	7.5	30.8	
9-10 AM	1156	0.0	1499	1155	1	11.72+	311	69.3	9.7	34.0	
10-11 AM	960	0.0	1500	960	0	0.75	7	69.6	48.5	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	1500	1265	0	0.79	0	69.2	47.5	36.5	
4-5 PM	1237	0.0	1500	1237	0	0.76	0	69.2	48.2	37.3	
5-6 PM	1186	0.0	1500	1186	0	0.69	0	69.2	49.6	38.9	
6-7 PM	959	0.0	1500	959	0	0.58	0	69.6	52.0	41.8	
7-8 PM	675	0.0	1500	675	0	0.55	0	69.9	52.9	42.8	
8-9 PM	604	0.0	1500	604	0	0.54	0	70.0	53.1	43.1	
9-10 PM	548	0.0	1500	548	0	0.54	0	70.0	53.3	43.3	
10-11 PM	421	0.0	1500	421	0	0.52	0	70.2	53.7	43.8	
11PM-MID	257	0.0	1500	257	0	0.50	0	70.2	54.2	44.5	

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

----- 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

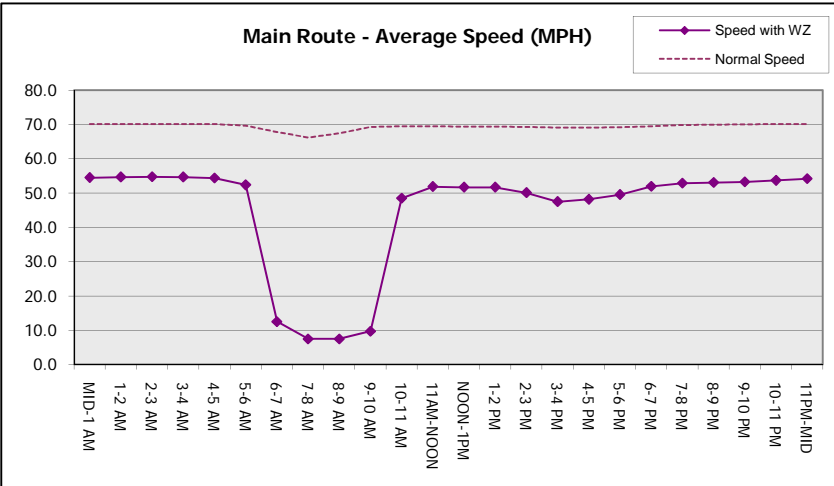
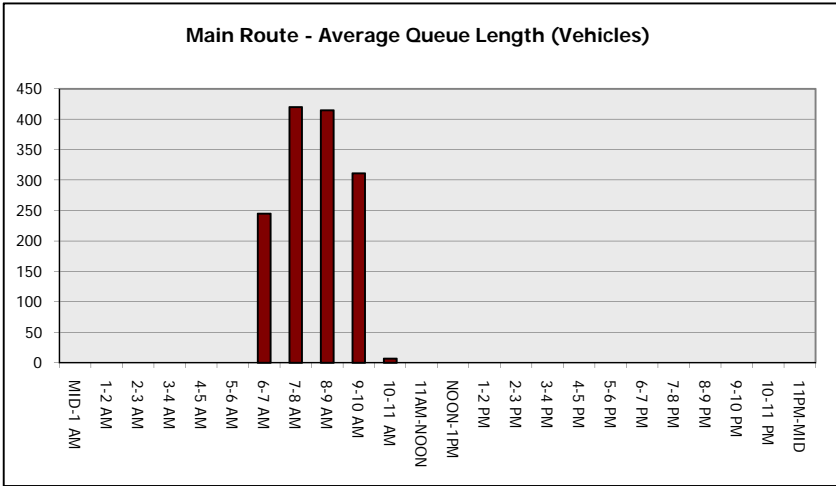
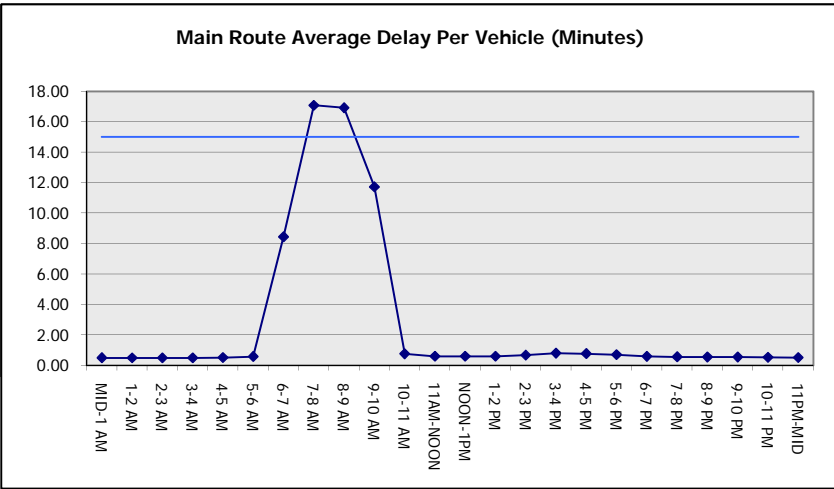
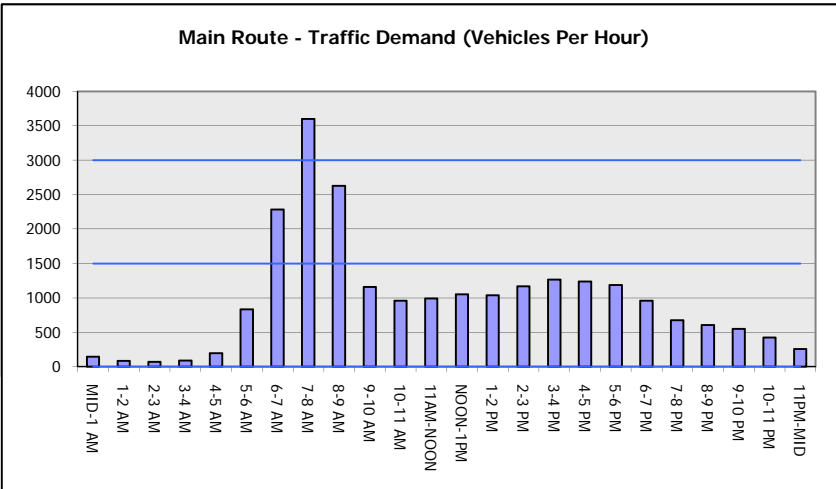
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0075
MAIN ROUTE WITH WORKS	0.0050
'DIVERSION'	0.0026
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$31,493
CONGESTED HOURS PER DAY*	4

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR WESTBOUND DIRECTION



IH 794: LINCOLN AVE TO LINCOLN MEMORIAL DR (MILWAUKEE COUNTY) CONTINUOUS (24 HOUR) 2 LANE CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
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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	1500	219	0	0.50	0	70.2	54.3	44.6
1-2 AM	137	0.0	1500	137	0	0.49	0	70.2	54.6	45.0
2-3 AM	114	0.0	1500	114	0	0.49	0	70.2	54.6	45.0
3-4 AM	76	0.0	1500	76	0	0.48	0	70.2	54.8	45.2
4-5 AM	111	0.0	1500	111	0	0.49	0	70.2	54.6	45.0
5-6 AM	324	0.0	1500	324	0	0.51	0	70.2	54.0	44.2
6-7 AM	710	0.0	1500	710	0	0.56	0	69.9	52.8	42.7
7-8 AM	930	0.0	1500	930	0	0.58	0	69.6	52.1	41.9
8-9 AM	793	0.0	1500	793	0	0.56	0	69.7	52.5	42.4
9-10 AM	632	0.0	1500	632	0	0.55	0	69.9	53.0	43.0
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	1500	1800	483	12.56+	323	67.9	9.1	30.8
4-5 PM	3042	0.0	1500	1516	1526	17.02+	418	66.9	7.5	30.8
5-6 PM	3170	0.0	1499	1506	1664	17.05+	419	66.8	7.5	30.8
6-7 PM	1539	0.0	1500	1387	152	15.59+	381	68.8	7.8	30.8
7-8 PM	1043	0.0	1499	1043	0	2.63	109	69.4	27.6	37.7
8-9 PM	916	0.0	1500	916	0	0.58	0	69.6	52.1	42.0
9-10 PM	797	0.0	1500	797	0	0.56	0	69.7	52.5	42.4
10-11 PM	601	0.0	1500	601	0	0.54	0	70.0	53.2	43.1
11PM-MID	420	0.0	1500	420	0	0.52	0	70.2	53.7	43.8

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

----- 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	0.0049
'DIVERSION'	0.0028

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$36,226
CONGESTED HOURS PER DAY*	4

*Delays Exceeding User-Specified Maximum

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MON-THUR EASTBOUND DIRECTION

