

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

FRIDAY 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	184	0.0	1500	184	0	0.49	0	70.2	54.4	44.8
1-2 AM	107	0.0	1500	107	0	0.49	0	70.2	54.6	45.1
2-3 AM	93	0.0	1500	93	0	0.48	0	70.2	54.7	45.1
3-4 AM	95	0.0	1500	95	0	0.48	0	70.2	54.7	45.1
4-5 AM	198	0.0	1500	198	0	0.50	0	70.2	54.4	44.7
5-6 AM	869	0.0	1500	869	0	0.57	0	69.7	52.3	42.2
6-7 AM	2282	0.0	1499	1947	335	8.37+	244	67.9	12.5	30.8
7-8 AM	3666	0.0	1500	1500	2166	17.07+	420	65.8	7.5	30.8
8-9 AM	2661	0.0	1499	1489	1172	16.93+	415	67.4	7.5	30.8
9-10 AM	1273	0.0	1499	1231	42	13.52+	339	69.2	8.6	32.0
10-11 AM	972	0.0	1500	972	0	1.11	27	69.6	42.4	41.5
11AM-NOON	1051	0.0	1500	1051	0	0.59	0	69.4	51.7	41.5
NOON-1PM	1114	0.0	1500	1114	0	0.60	0	69.4	51.5	41.3
1-2 PM	1086	0.0	1500	1086	0	0.60	0	69.4	51.6	41.4
2-3 PM	1195	0.0	1500	1195	0	0.70	0	69.2	49.3	38.6
3-4 PM	1363	0.0	1500	1363	0	0.92	0	69.1	45.1	33.8
4-5 PM	1417	0.0	1500	1417	0	0.99	0	69.0	44.0	32.5
5-6 PM	1272	0.0	1500	1272	0	0.80	0	69.2	47.3	36.3
6-7 PM	1135	0.0	1500	1135	0	0.62	0	69.3	51.0	40.6
7-8 PM	800	0.0	1500	800	0	0.57	0	69.7	52.5	42.4
8-9 PM	647	0.0	1500	647	0	0.55	0	69.9	53.0	43.0
9-10 PM	613	0.0	1500	613	0	0.55	0	70.0	53.1	43.1
10-11 PM	563	0.0	1500	563	0	0.54	0	70.0	53.3	43.3
11PM-MID	402	0.0	1500	402	0	0.52	0	70.2	53.8	43.9

+ 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

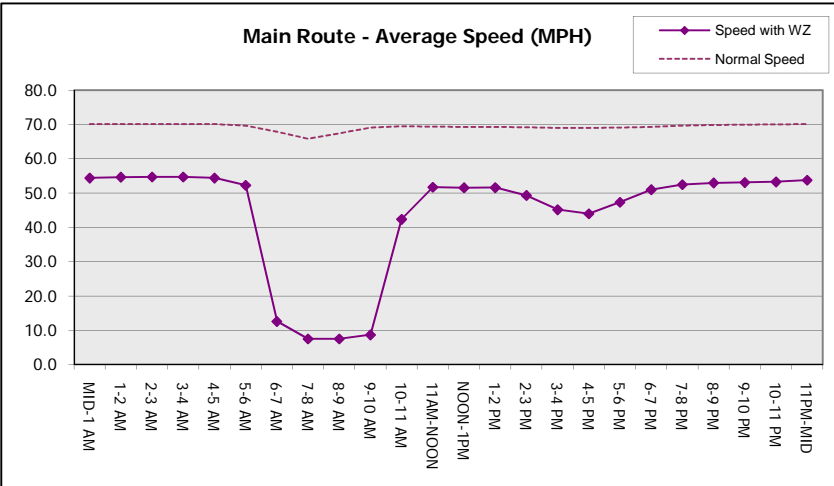
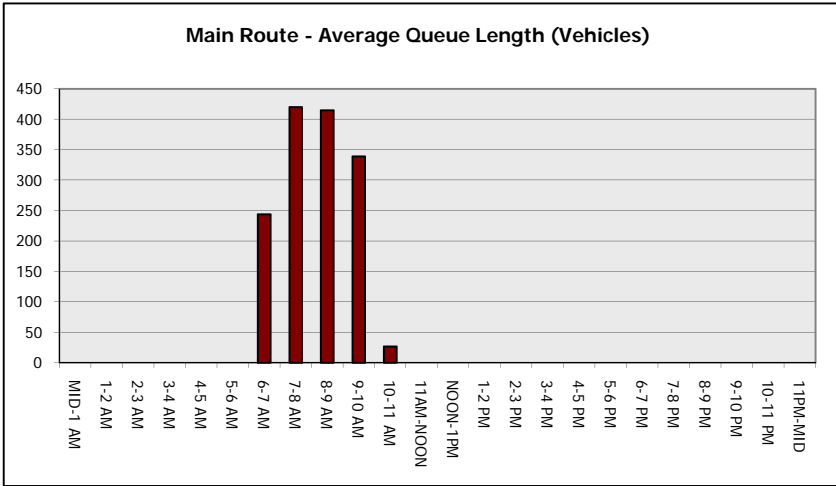
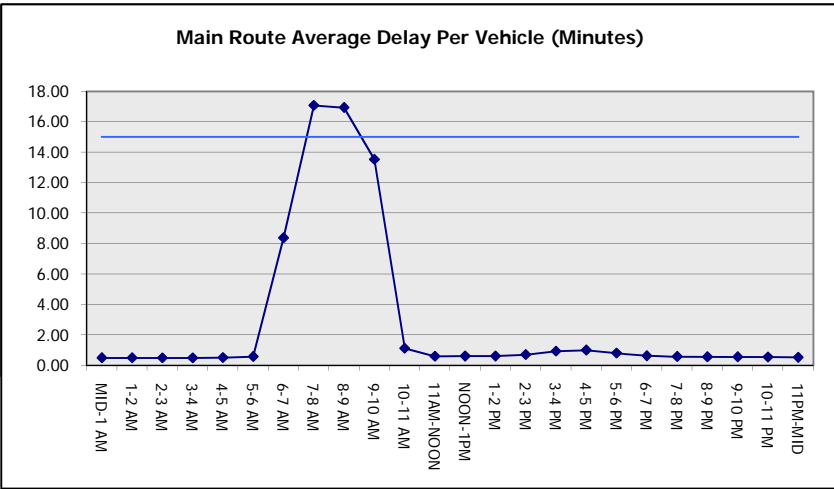
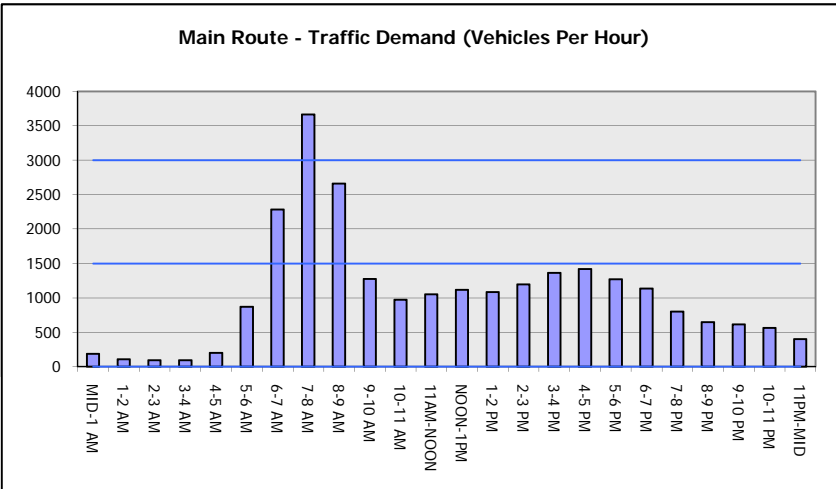
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0080
MAIN ROUTE WITH WORKS	0.0054
'DIVERSION'	0.0027
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$33,531
CONGESTED HOURS PER DAY*	4

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY 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

FRIDAY 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	306	0.0	1500	306	0	0.51	0	70.2	54.0	44.3
1-2 AM	200	0.0	1500	200	0	0.50	0	70.2	54.4	44.7
2-3 AM	174	0.0	1500	174	0	0.49	0	70.2	54.5	44.8
3-4 AM	100	0.0	1500	100	0	0.48	0	70.2	54.7	45.1
4-5 AM	131	0.0	1500	131	0	0.49	0	70.2	54.6	45.0
5-6 AM	350	0.0	1500	350	0	0.52	0	70.2	53.9	44.1
6-7 AM	711	0.0	1500	711	0	0.56	0	69.9	52.8	42.7
7-8 AM	972	0.0	1500	972	0	0.58	0	69.6	52.0	41.8
8-9 AM	875	0.0	1500	875	0	0.57	0	69.7	52.2	42.1
9-10 AM	700	0.0	1500	700	0	0.55	0	69.9	52.8	42.8
10-11 AM	778	0.0	1500	778	0	0.56	0	69.7	52.5	42.5
11AM-NOON	1086	0.0	1500	1086	0	0.60	0	69.4	51.6	41.4
NOON-1PM	1224	0.0	1500	1224	0	0.74	0	69.2	48.6	37.7
1-2 PM	1247	0.0	1499	1247	0	0.77	0	69.2	48.0	37.1
2-3 PM	1570	0.0	1499	1570	0	1.77	27	68.8	34.1	31.7
3-4 PM	2447	0.0	1500	1865	582	14.12+	358	67.7	8.4	30.8
4-5 PM	3083	0.0	1499	1475	1608	17.01+	418	66.9	7.5	30.8
5-6 PM	2700	0.0	1499	1487	1213	16.93+	415	67.4	7.5	30.8
6-7 PM	1330	0.0	1499	1267	63	14.26+	352	69.1	8.3	31.2
7-8 PM	942	0.0	1500	942	0	1.34	41	69.6	39.2	41.0
8-9 PM	825	0.0	1500	825	0	0.57	0	69.7	52.4	42.3
9-10 PM	831	0.0	1500	831	0	0.57	0	69.7	52.4	42.3
10-11 PM	815	0.0	1500	815	0	0.57	0	69.7	52.4	42.4
11PM-MID	647	0.0	1500	647	0	0.55	0	69.9	53.0	43.0

+ 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	0.0077
MAIN ROUTE WITH WORKS	0.0052
'DIVERSION'	0.0026

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$35,319
CONGESTED HOURS PER DAY*	4

*Delays Exceeding User-Specified Maximum

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FRIDAY EASTBOUND DIRECTION

