

<b>IH 43/94: BECHER ST TO MITCHELL INTERCHANGE (MILWAUKEE COUNTY)</b> <b>NIGHTTIME CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
	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	861	0.0	3000	861	0	0.35	0	69.7	62.3	49.7
1-2 AM	624	0.0	3000	624	0	0.36	0	70.0	62.5	49.7
2-3 AM	596	0.0	3000	596	0	0.36	0	70.0	62.5	49.7
3-4 AM	486	0.0	3000	486	0	0.36	0	70.1	62.6	49.7
4-5 AM	861	0.0	3000	861	0	0.35	0	69.7	62.3	49.7
5-6 AM	1863	0.0	OFF	1863	0	0.00	0	68.4	68.4	68.4
6-7 AM	2733	0.0	OFF	2733	0	0.00	0	67.3	67.3	67.3
7-8 AM	2811	0.0	OFF	2811	0	0.00	0	67.3	67.3	67.3
8-9 AM	3009	0.0	OFF	3009	0	0.00	0	67.0	67.0	67.0
9-10 AM	2981	0.0	OFF	2981	0	0.00	0	67.0	67.0	67.0
10-11 AM	3192	0.0	OFF	3192	0	0.00	0	66.8	66.8	66.8
11AM-NOON	3523	0.0	OFF	3523	0	0.00	0	66.4	66.4	66.4
NOON-1PM	4010	0.0	OFF	4010	0	0.00	0	63.5	63.5	63.5
1-2 PM	4150	0.0	OFF	4150	0	0.00	0	62.5	62.5	62.5
2-3 PM	4353	0.0	OFF	4353	0	0.00	0	61.1	61.1	61.1
3-4 PM	5209	0.0	OFF	5209	0	0.00	0	55.3	55.3	55.3
4-5 PM	5138	0.0	OFF	5138	0	0.00	0	55.8	55.8	55.8
5-6 PM	5333	0.0	OFF	5333	0	0.00	0	54.4	54.4	54.4
6-7 PM	3634	0.0	OFF	3634	0	0.00	0	66.0	66.0	66.0
7-8 PM	2957	0.0	2999	2957	0	1.19	30	67.1	48.5	38.8
8-9 PM	2093	0.0	3000	2093	0	0.33	0	68.1	61.5	49.7
9-10 PM	2123	0.0	3000	2123	0	0.33	0	68.1	61.5	49.7
10-11 PM	2687	0.0	3000	2687	0	0.52	0	67.4	57.7	42.7
11PM-MID	1984	0.0	3000	1984	0	0.33	0	68.2	61.5	49.7

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

*----- 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	0.0374
MAIN ROUTE WITH WORKS	0.0364
'DIVERSION'	0.0000
<small>PIA: Personal Injury Accidents</small>	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,740
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

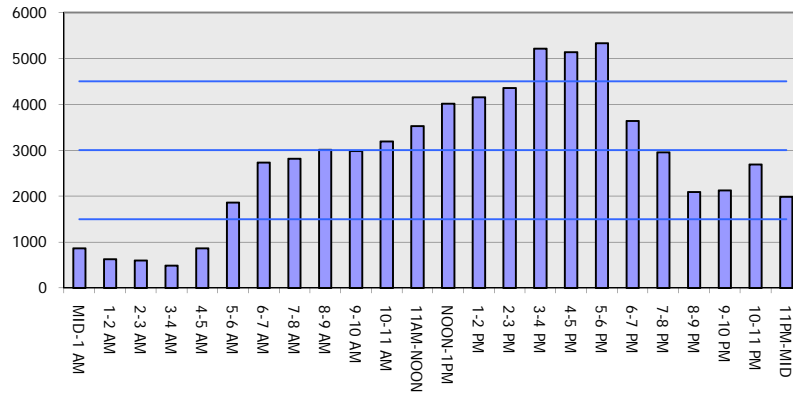
**IH 43/94: BECHER ST TO MITCHELL INTERCHANGE (MILWAUKEE COUNTY)**  
**NIGHTTIME CLOSURE**  
**NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**AUGUST**

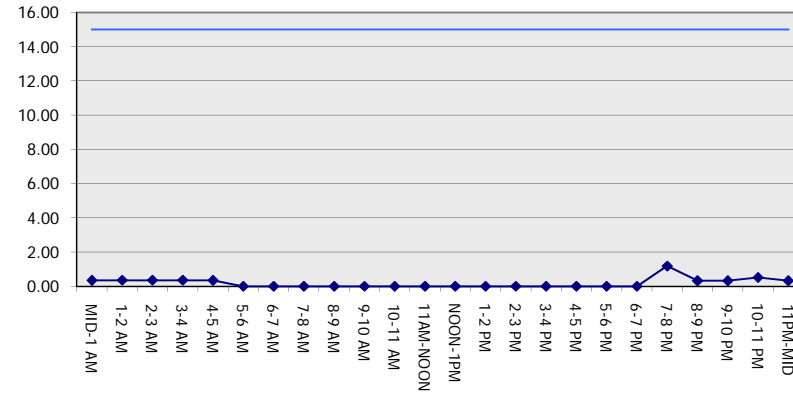
Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**FRIDAY WESTBOUND DIRECTION**

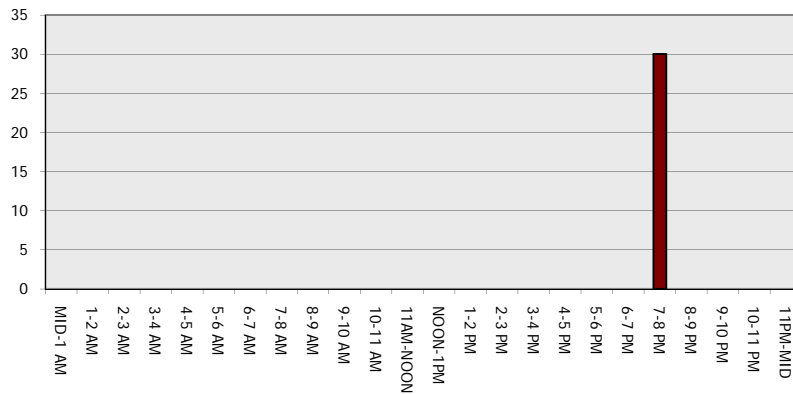
**Main Route - Traffic Demand (Vehicles Per Hour)**



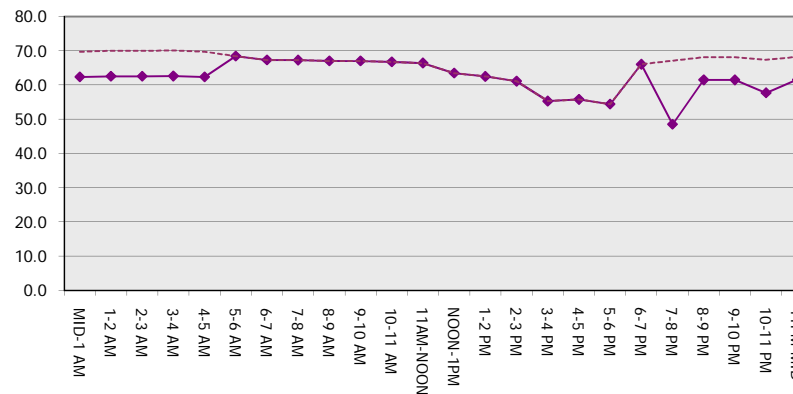
**Main Route Average Delay Per Vehicle (Minutes)**



**Main Route - Average Queue Length (Vehicles)**



**Main Route - Average Speed (MPH)**



<b>IH 43/94: BECHER ST TO MITCHELL INTERCHANGE (MILWAUKEE COUNTY)</b> <b>NIGHTTIME CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

**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	765	0.0	3000	765	0	0.35	0	69.8	62.4	49.7
1-2 AM	402	0.0	3000	402	0	0.36	0	70.2	62.7	49.7
2-3 AM	373	0.0	3000	373	0	0.36	0	70.2	62.7	49.7
3-4 AM	371	0.0	3000	371	0	0.36	0	70.2	62.7	49.7
4-5 AM	601	0.0	3000	601	0	0.36	0	70.0	62.5	49.7
5-6 AM	1895	0.0	OFF	1895	0	0.00	0	68.4	68.4	68.4
6-7 AM	4054	0.0	OFF	4054	0	0.00	0	63.2	63.2	63.2
7-8 AM	4803	0.0	OFF	4803	0	0.00	0	58.1	58.1	58.1
8-9 AM	4193	0.0	OFF	4193	0	0.00	0	62.2	62.2	62.2
9-10 AM	3096	0.0	OFF	3096	0	0.00	0	66.9	66.9	66.9
10-11 AM	3040	0.0	OFF	3040	0	0.00	0	66.9	66.9	66.9
11AM-NOON	3348	0.0	OFF	3348	0	0.00	0	66.6	66.6	66.6
NOON-1PM	3505	0.0	OFF	3505	0	0.00	0	66.4	66.4	66.4
1-2 PM	3658	0.0	OFF	3658	0	0.00	0	65.9	65.9	65.9
2-3 PM	3864	0.0	OFF	3864	0	0.00	0	64.5	64.5	64.5
3-4 PM	3954	0.0	OFF	3954	0	0.00	0	63.8	63.8	63.8
4-5 PM	3687	0.0	OFF	3687	0	0.00	0	65.6	65.6	65.6
5-6 PM	3756	0.0	OFF	3756	0	0.00	0	65.2	65.2	65.2
6-7 PM	3617	0.0	OFF	3617	0	0.00	0	66.1	66.1	66.1
7-8 PM	3006	0.0	2999	3006	0	1.54	46	67.0	44.9	37.9
8-9 PM	2219	0.0	3000	2219	0	0.33	0	68.0	61.4	49.7
9-10 PM	1904	0.0	3000	1904	0	0.34	0	68.4	61.6	49.7
10-11 PM	2021	0.0	3000	2021	0	0.33	0	68.2	61.5	49.7
11PM-MID	1505	0.0	3000	1505	0	0.34	0	68.9	61.9	49.7

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

*----- 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	0.0354
MAIN ROUTE WITH WORKS	0.0346
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,720
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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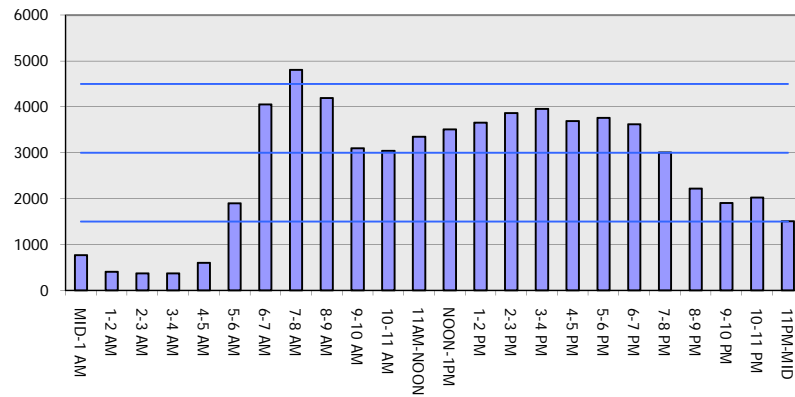
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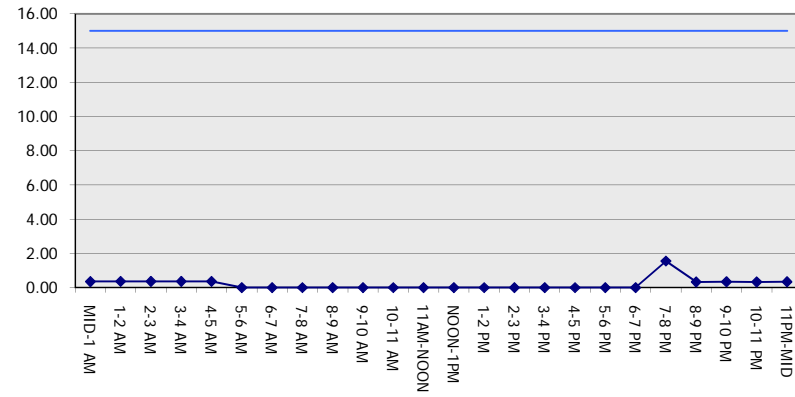
**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**

**FRIDAY EASTBOUND DIRECTION**

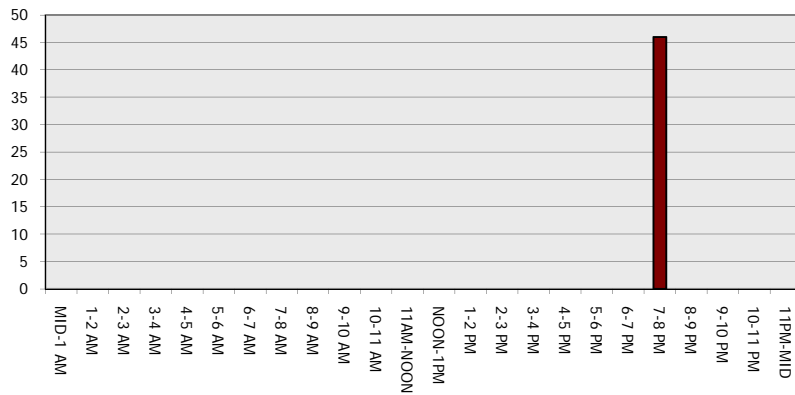
**Main Route - Traffic Demand (Vehicles Per Hour)**



**Main Route Average Delay Per Vehicle (Minutes)**



**Main Route - Average Queue Length (Vehicles)**



**Main Route - Average Speed (MPH)**

