

<b>IH 43: SILVER SPRING DR TO STH 190 (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**

SATURDAY SOUTHBOUND 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	653	0.0	3000	653	0	0.36	0	69.9	62.3	49.7
1-2 AM	324	0.0	3000	324	0	0.36	0	70.2	62.5	49.7
2-3 AM	283	0.0	3000	283	0	0.36	0	70.2	62.5	49.7
3-4 AM	240	0.0	3000	240	0	0.36	0	70.2	62.5	49.7
4-5 AM	349	0.0	3000	349	0	0.36	0	70.2	62.5	49.7
5-6 AM	640	0.0	3000	640	0	0.36	0	69.9	62.3	49.7
6-7 AM	1038	0.0	3000	1038	0	0.35	0	69.4	62.0	49.7
7-8 AM	1491	0.0	3000	1491	0	0.34	0	68.9	61.7	49.7
8-9 AM	2261	0.0	OFF	2261	0	0.00	0	67.9	67.9	67.9
9-10 AM	2746	0.0	OFF	2746	0	0.00	0	67.3	67.3	67.3
10-11 AM	3140	0.0	OFF	3140	0	0.00	0	66.8	66.8	66.8
11AM-NOON	3422	0.0	OFF	3422	0	0.00	0	66.5	66.5	66.5
NOON-1PM	3498	0.0	OFF	3498	0	0.00	0	66.4	66.4	66.4
1-2 PM	3451	0.0	OFF	3451	0	0.00	0	66.4	66.4	66.4
2-3 PM	3505	0.0	OFF	3505	0	0.00	0	66.4	66.4	66.4
3-4 PM	3556	0.0	OFF	3556	0	0.00	0	66.3	66.3	66.3
4-5 PM	3312	0.0	OFF	3312	0	0.00	0	66.6	66.6	66.6
5-6 PM	3093	0.0	OFF	3093	0	0.00	0	66.9	66.9	66.9
6-7 PM	2912	0.0	3000	2912	0	0.67	0	67.1	55.0	38.6
7-8 PM	2420	0.0	3000	2420	0	0.35	0	67.8	60.7	48.8
8-9 PM	1968	0.0	3000	1968	0	0.34	0	68.3	61.4	49.7
9-10 PM	1933	0.0	3000	1933	0	0.34	0	68.3	61.4	49.7
10-11 PM	1658	0.0	3000	1658	0	0.34	0	68.7	61.6	49.7
11PM-MID	1223	0.0	3000	1223	0	0.35	0	69.2	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	0.0
(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	0
(VEH-H) MAX	0
AV BREAKDOWNS PER DAY	0
AV QUEUE DELAY/DAY (VEH-H)	0
AV TOTAL DELAY/DAY (VEH-H)	0

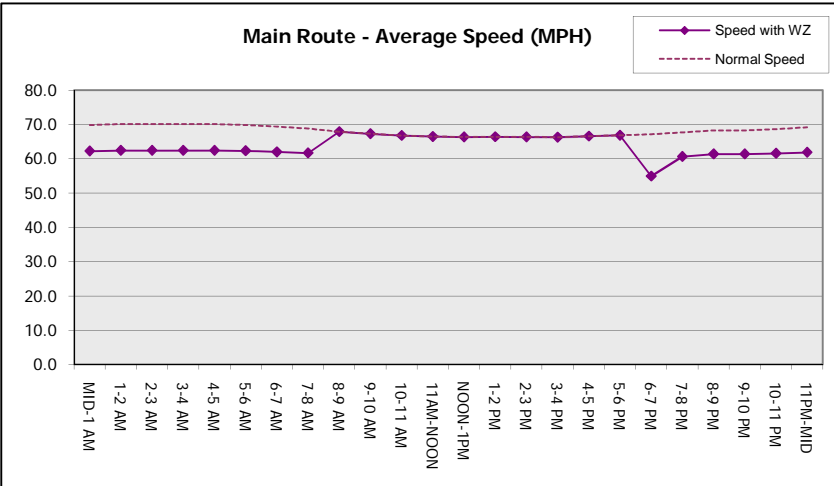
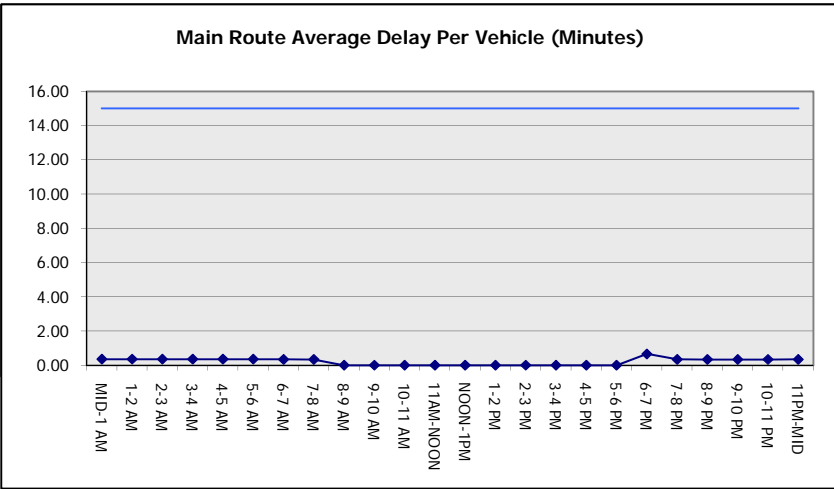
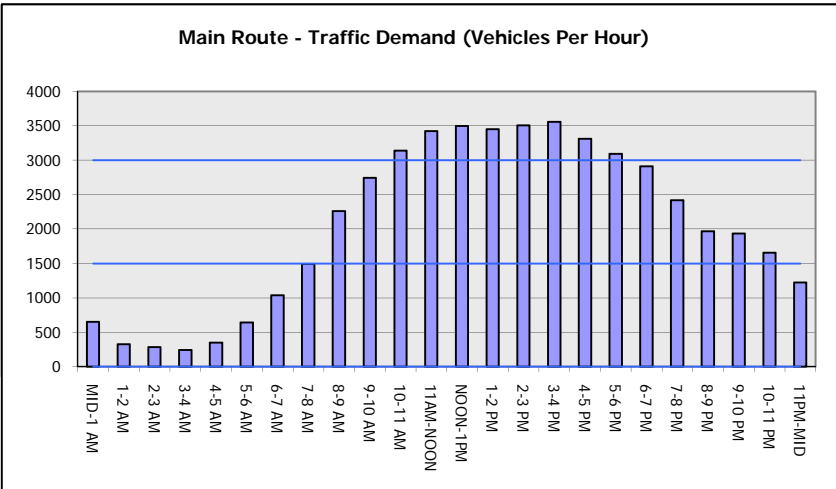
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0266
MAIN ROUTE WITH WORKS	0.0254
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,583
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**NIGHTTIME CLOSURE**  
**NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**AUGUST**  
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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SATURDAY SOUTHBOUND DIRECTION**



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**SUMMARY OF TRAFFIC MODEL OUTPUT**

SATURDAY NORTHBOUND 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	1111	0.0	3000	1111	0	0.35	0	69.4	62.0	49.7
1-2 AM	727	0.0	3000	727	0	0.35	0	69.8	62.3	49.7
2-3 AM	704	0.0	3000	704	0	0.36	0	69.9	62.3	49.7
3-4 AM	460	0.0	3000	460	0	0.36	0	70.2	62.5	49.7
4-5 AM	389	0.0	3000	389	0	0.36	0	70.2	62.5	49.7
5-6 AM	719	0.0	3000	719	0	0.36	0	69.9	62.3	49.7
6-7 AM	1141	0.0	3000	1141	0	0.35	0	69.3	62.0	49.7
7-8 AM	1627	0.0	3000	1627	0	0.34	0	68.7	61.6	49.7
8-9 AM	2229	0.0	OFF	2229	0	0.00	0	67.9	67.9	67.9
9-10 AM	2644	0.0	OFF	2644	0	0.00	0	67.4	67.4	67.4
10-11 AM	3060	0.0	OFF	3060	0	0.00	0	66.9	66.9	66.9
11AM-NOON	3186	0.0	OFF	3186	0	0.00	0	66.8	66.8	66.8
NOON-1PM	3472	0.0	OFF	3472	0	0.00	0	66.4	66.4	66.4
1-2 PM	3302	0.0	OFF	3302	0	0.00	0	66.6	66.6	66.6
2-3 PM	3289	0.0	OFF	3289	0	0.00	0	66.6	66.6	66.6
3-4 PM	3498	0.0	OFF	3498	0	0.00	0	66.4	66.4	66.4
4-5 PM	3140	0.0	OFF	3140	0	0.00	0	66.8	66.8	66.8
5-6 PM	2989	0.0	OFF	2989	0	0.00	0	67.0	67.0	67.0
6-7 PM	2471	0.0	3000	2471	0	0.38	0	67.7	60.1	47.5
7-8 PM	2099	0.0	3000	2099	0	0.33	0	68.1	61.3	49.7
8-9 PM	2108	0.0	3000	2108	0	0.33	0	68.1	61.3	49.7
9-10 PM	2146	0.0	3000	2146	0	0.33	0	68.1	61.3	49.7
10-11 PM	1815	0.0	3000	1815	0	0.34	0	68.5	61.5	49.7
11PM-MID	1446	0.0	3000	1446	0	0.34	0	68.9	61.8	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	0.0269
MAIN ROUTE WITH WORKS	0.0257
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,508
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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