

<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>MAY</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SUNDAY 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	633	0.0	3000	633	0	0.36	0	69.9	62.3	49.7
1-2 AM	349	0.0	3000	349	0	0.36	0	70.2	62.5	49.7
2-3 AM	269	0.0	3000	269	0	0.36	0	70.2	62.5	49.7
3-4 AM	185	0.0	3000	185	0	0.36	0	70.2	62.5	49.7
4-5 AM	194	0.0	3000	194	0	0.36	0	70.2	62.5	49.7
5-6 AM	382	0.0	3000	382	0	0.36	0	70.2	62.5	49.7
6-7 AM	644	0.0	3000	644	0	0.36	0	69.9	62.3	49.7
7-8 AM	986	0.0	3000	986	0	0.35	0	69.5	62.1	49.7
8-9 AM	1586	0.0	3000	1586	0	0.34	0	68.7	61.7	49.7
9-10 AM	2265	0.0	OFF	2265	0	0.00	0	67.9	67.9	67.9
10-11 AM	2771	0.0	OFF	2771	0	0.00	0	67.3	67.3	67.3
11AM-NOON	3433	0.0	OFF	3433	0	0.00	0	66.4	66.4	66.4
NOON-1PM	3667	0.0	OFF	3667	0	0.00	0	65.8	65.8	65.8
1-2 PM	3489	0.0	OFF	3489	0	0.00	0	66.4	66.4	66.4
2-3 PM	3503	0.0	OFF	3503	0	0.00	0	66.4	66.4	66.4
3-4 PM	3422	0.0	OFF	3422	0	0.00	0	66.5	66.5	66.5
4-5 PM	3419	0.0	OFF	3419	0	0.00	0	66.5	66.5	66.5
5-6 PM	3169	0.0	OFF	3169	0	0.00	0	66.8	66.8	66.8
6-7 PM	2790	0.0	OFF	2790	0	0.00	0	67.3	67.3	67.3
7-8 PM	2453	0.0	3000	2453	0	0.37	0	67.7	60.2	47.9
8-9 PM	1994	0.0	3000	1994	0	0.33	0	68.2	61.4	49.7
9-10 PM	1490	0.0	3000	1490	0	0.34	0	68.9	61.7	49.7
10-11 PM	991	0.0	3000	991	0	0.35	0	69.5	62.1	49.7
11PM-MID	475	0.0	3000	475	0	0.36	0	70.2	62.4	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

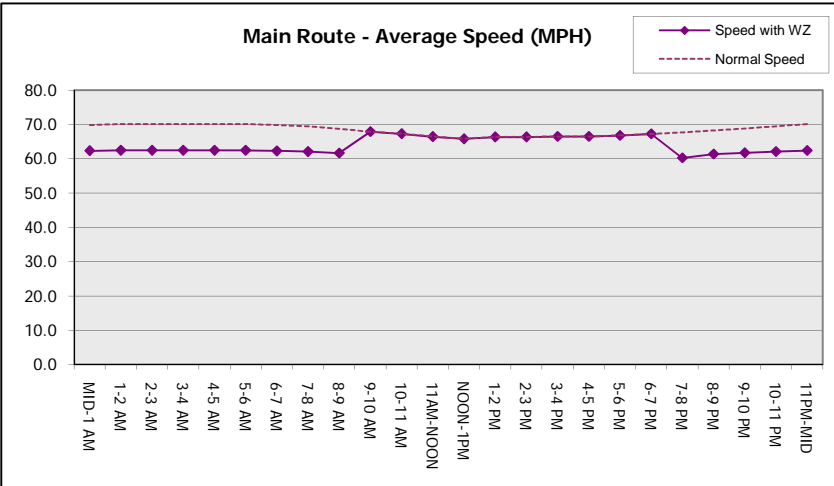
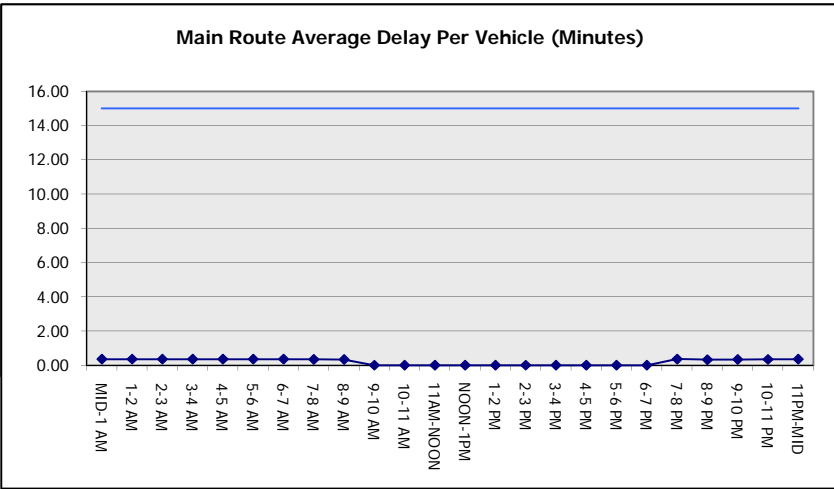
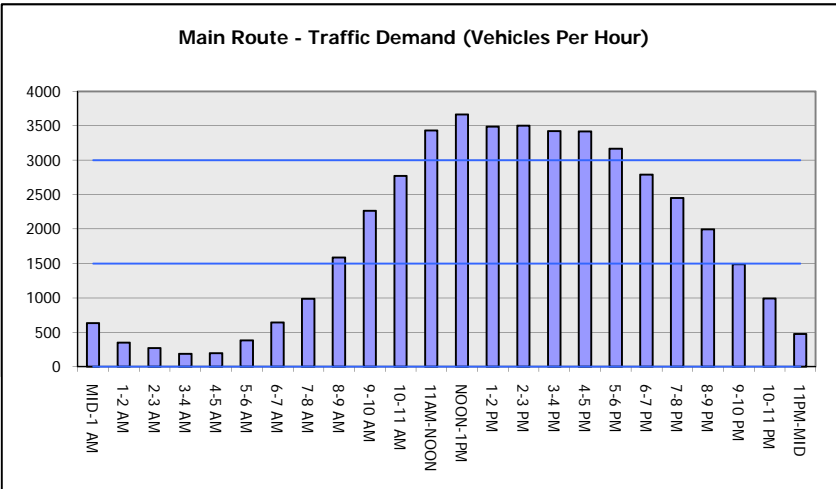
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0241
MAIN ROUTE WITH WORKS	0.0233
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,007
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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

**MAY**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SUNDAY SOUTHBOUND DIRECTION**



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**SUMMARY OF TRAFFIC MODEL OUTPUT**

SUNDAY 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	956	0.0	3000	956	0	0.35	0	69.6	62.1	49.7
1-2 AM	706	0.0	3000	706	0	0.36	0	69.9	62.3	49.7
2-3 AM	740	0.0	3000	740	0	0.35	0	69.8	62.2	49.7
3-4 AM	373	0.0	3000	373	0	0.36	0	70.2	62.5	49.7
4-5 AM	291	0.0	3000	291	0	0.36	0	70.2	62.5	49.7
5-6 AM	366	0.0	3000	366	0	0.36	0	70.2	62.5	49.7
6-7 AM	576	0.0	3000	576	0	0.36	0	70.0	62.3	49.7
7-8 AM	850	0.0	3000	850	0	0.35	0	69.7	62.2	49.7
8-9 AM	1240	0.0	3000	1240	0	0.35	0	69.2	61.9	49.7
9-10 AM	1857	0.0	OFF	1857	0	0.00	0	68.4	68.4	68.4
10-11 AM	2239	0.0	OFF	2239	0	0.00	0	67.9	67.9	67.9
11AM-NOON	2798	0.0	OFF	2798	0	0.00	0	67.3	67.3	67.3
NOON-1PM	2968	0.0	OFF	2968	0	0.00	0	67.1	67.1	67.1
1-2 PM	3235	0.0	OFF	3235	0	0.00	0	66.7	66.7	66.7
2-3 PM	3135	0.0	OFF	3135	0	0.00	0	66.8	66.8	66.8
3-4 PM	3260	0.0	OFF	3260	0	0.00	0	66.7	66.7	66.7
4-5 PM	3738	0.0	OFF	3738	0	0.00	0	65.3	65.3	65.3
5-6 PM	3316	0.0	OFF	3316	0	0.00	0	66.6	66.6	66.6
6-7 PM	2533	0.0	OFF	2533	0	0.00	0	67.6	67.6	67.6
7-8 PM	2305	0.0	3000	2305	0	0.33	0	67.9	61.2	49.7
8-9 PM	1898	0.0	3000	1898	0	0.34	0	68.4	61.4	49.7
9-10 PM	1557	0.0	3000	1557	0	0.34	0	68.8	61.7	49.7
10-11 PM	1130	0.0	3000	1130	0	0.35	0	69.3	62.0	49.7
11PM-MID	667	0.0	3000	667	0	0.36	0	69.9	62.3	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	0.0231
MAIN ROUTE WITH WORKS	0.0222
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,074
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SUNDAY NORTHBOUND DIRECTION**

