

<b>IH 43: SILVER SPRING DR TO STH 190 (MILWAUKEE COUNTY)                  CONTINUOUS (24 HOUR) CLOSURE                  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	3000	2265	0	0.33	0	67.9	61.2	49.7
10-11 AM	2771	0.0	2999	2771	0	0.58	0	67.3	56.5	41.3
11AM-NOON	3433	0.0	2999	3433	0	3.57	188	66.4	30.7	37.3
NOON-1PM	3667	0.0	3000	3346	320	13.45+	719	65.8	13.3	37.3
1-2 PM	3489	0.0	3000	3013	476	15.89+	837	66.4	12.2	37.3
2-3 PM	3503	0.0	3000	3010	493	15.89+	837	66.4	12.2	37.3
3-4 PM	3422	0.0	3000	3008	414	15.89+	837	66.5	12.2	37.3
4-5 PM	3419	0.0	3000	3006	413	15.89+	837	66.5	12.2	37.3
5-6 PM	3169	0.0	3000	3013	155	15.87+	834	66.8	12.2	37.3
6-7 PM	2790	0.0	2999	2790	0	14.24+	746	67.3	12.8	37.3
7-8 PM	2453	0.0	2999	2453	0	6.55	370	67.7	21.3	40.0
8-9 PM	1994	0.0	3000	1994	0	0.38	2	68.2	60.5	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

+ 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

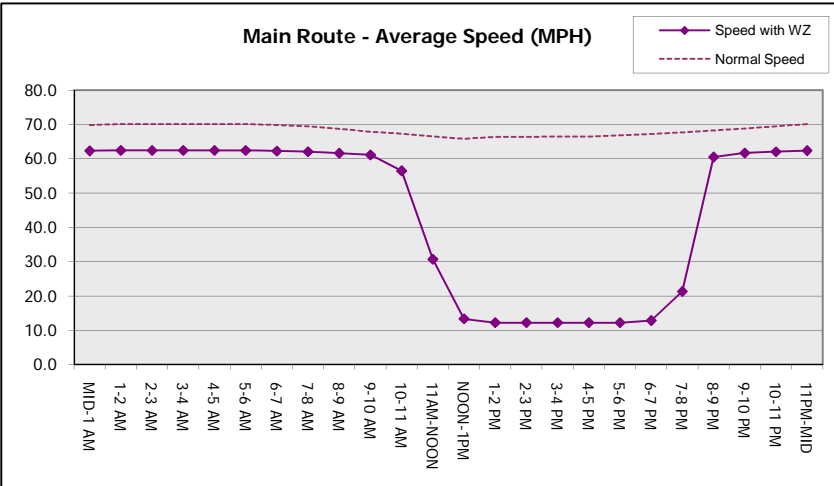
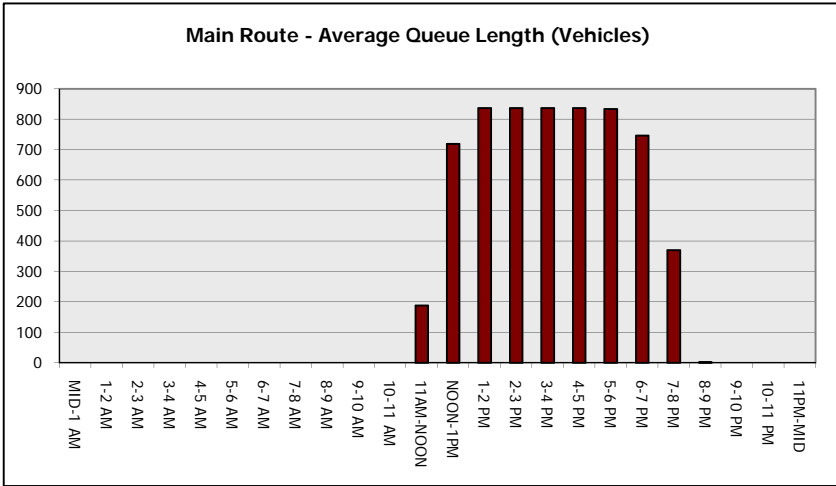
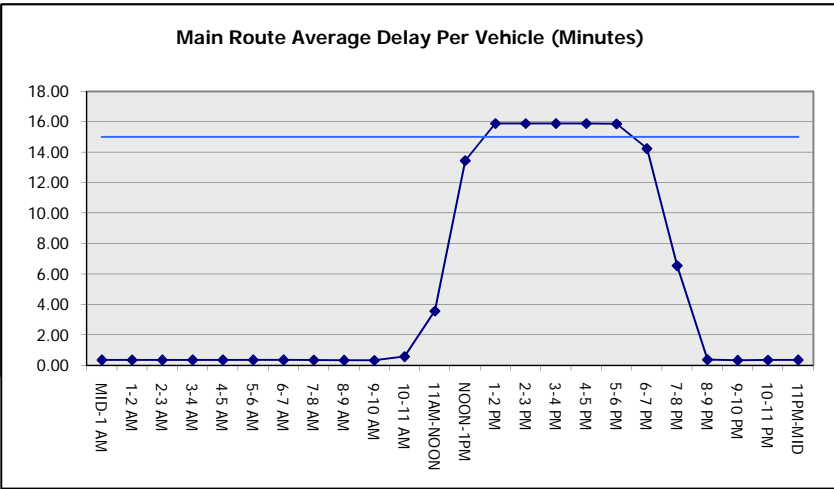
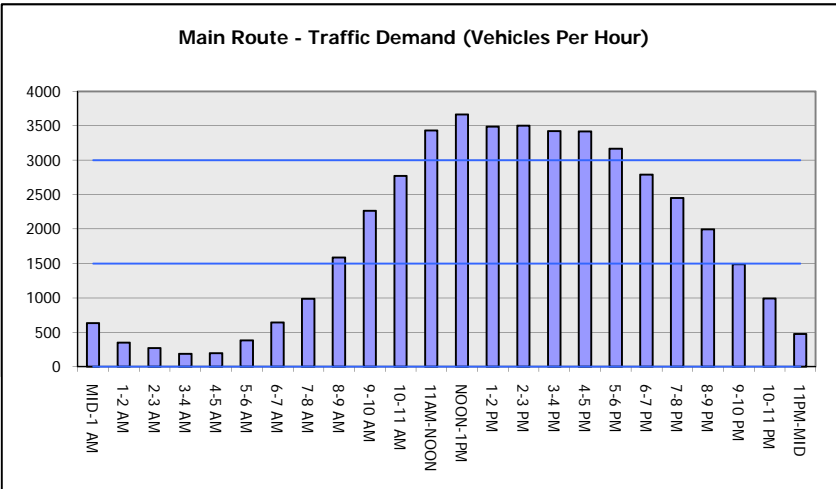
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0241
MAIN ROUTE WITH WORKS	0.0201
'DIVERSION'	0.0028
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$111,149
CONGESTED HOURS PER DAY*	7

\*Delays Exceeding User-Specified Maximum

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**MAY**  
Analyzed for 2009  
Construction Season

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



<b>IH 43: SILVER SPRING DR TO STH 190 (MILWAUKEE COUNTY)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
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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	3000	1857	0	0.34	0	68.4	61.5	49.7
10-11 AM	2239	0.0	3000	2239	0	0.33	0	67.9	61.2	49.7
11AM-NOON	2798	0.0	2999	2798	0	0.60	0	67.3	56.2	40.7
NOON-1PM	2968	0.0	2999	2968	0	0.75	2	67.1	53.8	37.9
1-2 PM	3235	0.0	3000	3235	0	2.77	123	66.7	35.0	37.3
2-3 PM	3135	0.0	2999	3135	0	6.36	313	66.8	21.7	37.3
3-4 PM	3260	0.0	3000	3260	0	9.52	492	66.7	16.2	37.3
4-5 PM	3738	0.0	2999	3231	507	15.36+	812	65.3	12.4	37.3
5-6 PM	3316	0.0	2999	2968	348	15.85+	834	66.6	12.2	37.3
6-7 PM	2533	0.0	2999	2533	0	12.02+	638	67.6	14.2	37.5
7-8 PM	2305	0.0	2999	2305	0	1.67	112	67.9	43.7	46.1
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

+ 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	0.0231
MAIN ROUTE WITH WORKS	0.0199
'DIVERSION'	0.0011

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$60,299
CONGESTED HOURS PER DAY*	3

\*Delays Exceeding User-Specified Maximum

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