

IH 43: SILVER SPRING DR TO STH 190 (MILWAUKEE COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	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	649	0.0	3000	649	0	0.36	0	69.9	62.3	49.7
1-2 AM	350	0.0	3000	350	0	0.36	0	70.2	62.5	49.7
2-3 AM	285	0.0	3000	285	0	0.36	0	70.2	62.5	49.7
3-4 AM	290	0.0	3000	290	0	0.36	0	70.2	62.5	49.7
4-5 AM	398	0.0	3000	398	0	0.36	0	70.2	62.5	49.7
5-6 AM	634	0.0	3000	634	0	0.36	0	69.9	62.3	49.7
6-7 AM	1133	0.0	3000	1133	0	0.35	0	69.3	62.0	49.7
7-8 AM	1767	0.0	3000	1767	0	0.34	0	68.6	61.5	49.7
8-9 AM	2373	0.0	3000	2373	0	0.33	0	67.8	61.1	49.7
9-10 AM	1876	0.0	3000	1876	0	0.34	0	68.4	61.5	49.7
10-11 AM	2078	0.0	3000	2078	0	0.33	0	68.1	61.3	49.7
11AM-NOON	2505	0.0	2999	2505	0	0.42	0	67.6	59.4	46.4
NOON-1PM	3401	0.0	2999	3401	0	3.41	175	66.5	31.5	37.3
1-2 PM	3301	0.0	2999	3301	0	10.50	547	66.6	15.2	37.3
2-3 PM	3539	0.0	2999	3146	393	15.57+	820	66.3	12.3	37.3
3-4 PM	3447	0.0	3000	2997	450	15.89+	837	66.4	12.2	37.3
4-5 PM	3513	0.0	3000	2998	515	15.89+	837	66.4	12.2	37.3
5-6 PM	3328	0.0	3000	2998	330	15.89+	836	66.6	12.2	37.3
6-7 PM	3161	0.0	3000	2985	177	15.87+	834	66.8	12.2	37.3
7-8 PM	1956	0.0	2999	1956	0	4.49	381	68.3	27.6	44.2
8-9 PM	1303	0.0	3000	1303	0	0.35	0	69.1	61.9	49.7
9-10 PM	1846	0.0	3000	1846	0	0.34	0	68.4	61.5	49.7
10-11 PM	1635	0.0	3000	1635	0	0.34	0	68.7	61.6	49.7
11PM-MID	1117	0.0	3000	1117	0	0.35	0	69.4	62.0	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

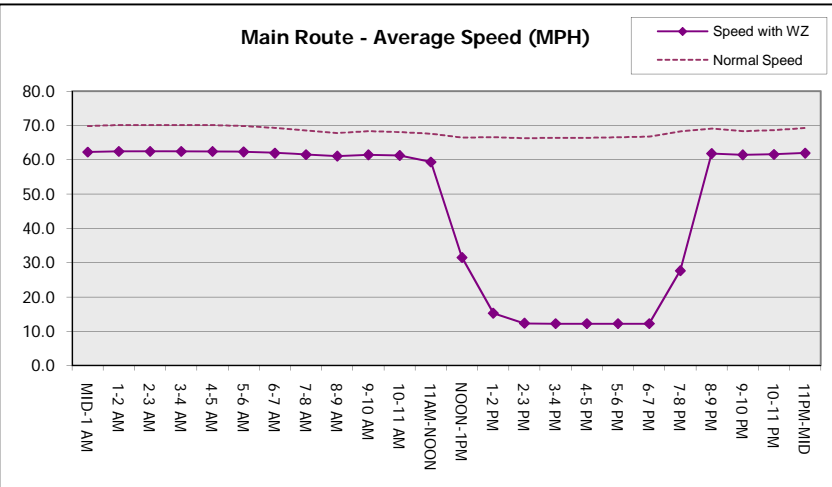
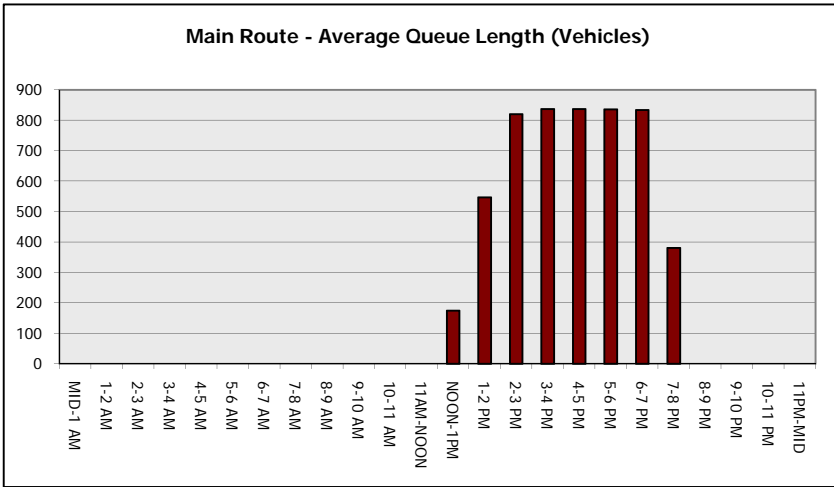
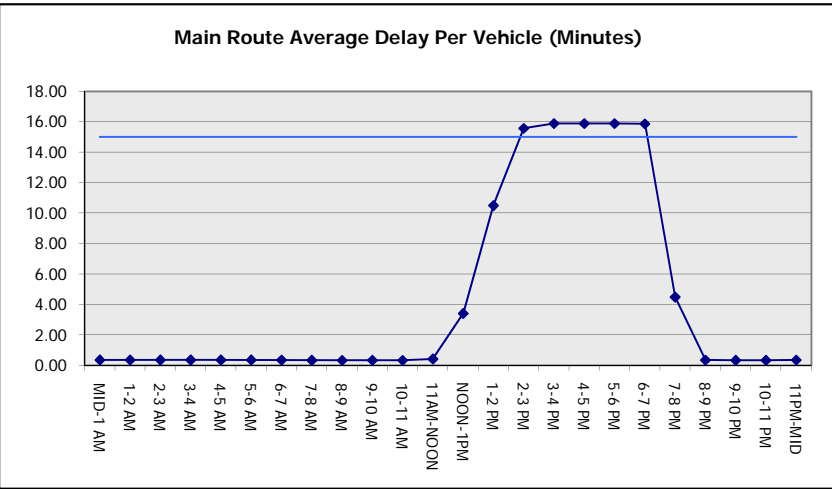
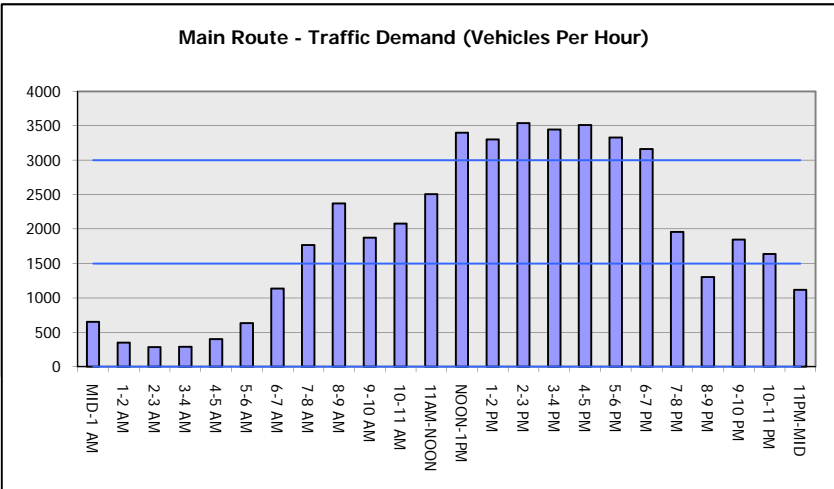
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0248
MAIN ROUTE WITH WORKS	0.0209
'DIVERSION'	0.0023
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$92,942
CONGESTED HOURS PER DAY*	5

*Delays Exceeding User-Specified Maximum

**IH 43: SILVER SPRING DR TO STH 190 (MILWAUKEE COUNTY)
CONTINUOUS (24 HOUR) CLOSURE
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

MAY
Analyzed for 2009
Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY SOUTHBOUND DIRECTION



IH 43: SILVER SPRING DR TO STH 190 (MILWAUKEE COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	Analyzed for 2009 Construction Season

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	1015	0.0	3000	1015	0	0.35	0	69.5	62.0	49.7
1-2 AM	700	0.0	3000	700	0	0.36	0	69.9	62.3	49.7
2-3 AM	618	0.0	3000	618	0	0.36	0	70.0	62.3	49.7
3-4 AM	398	0.0	3000	398	0	0.36	0	70.2	62.5	49.7
4-5 AM	386	0.0	3000	386	0	0.36	0	70.2	62.5	49.7
5-6 AM	706	0.0	3000	706	0	0.36	0	69.9	62.3	49.7
6-7 AM	1174	0.0	3000	1174	0	0.35	0	69.3	62.0	49.7
7-8 AM	1866	0.0	3000	1866	0	0.34	0	68.4	61.5	49.7
8-9 AM	2334	0.0	3000	2334	0	0.33	0	67.8	61.1	49.7
9-10 AM	1847	0.0	3000	1847	0	0.34	0	68.4	61.5	49.7
10-11 AM	1969	0.0	3000	1969	0	0.34	0	68.3	61.4	49.7
11AM-NOON	2469	0.0	2999	2469	0	0.42	0	67.7	59.5	46.5
NOON-1PM	3497	0.0	2999	3497	0	4.02	220	66.4	28.8	37.3
1-2 PM	3368	0.0	2999	3368	0	12.99+	684	66.6	13.4	37.3
2-3 PM	3373	0.0	2999	2994	380	15.89+	837	66.6	12.2	37.3
3-4 PM	3418	0.0	2999	2995	423	15.89+	837	66.5	12.2	37.3
4-5 PM	3129	0.0	2999	2982	148	15.86+	834	66.8	12.2	37.3
5-6 PM	2934	0.0	2999	2934	0	15.57+	817	67.1	12.3	37.3
6-7 PM	2639	0.0	2999	2639	0	11.96+	628	67.4	14.1	37.3
7-8 PM	1662	0.0	3000	1662	0	1.02	70	68.7	51.0	49.7
8-9 PM	1445	0.0	3000	1445	0	0.34	0	68.9	61.8	49.7
9-10 PM	2263	0.0	3000	2263	0	0.33	0	67.9	61.2	49.7
10-11 PM	1991	0.0	3000	1991	0	0.33	0	68.2	61.4	49.7
11PM-MID	1440	0.0	3000	1440	0	0.34	0	68.9	61.8	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	0.0252
MAIN ROUTE WITH WORKS	0.0217
'DIVERSION'	0.0012

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$84,874
CONGESTED HOURS PER DAY*	6

*Delays Exceeding User-Specified Maximum

**IH 43: SILVER SPRING DR TO STH 190 (MILWAUKEE COUNTY)
CONTINUOUS (24 HOUR) CLOSURE
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

MAY
Analyzed for 2009
Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY NORTHBOUND DIRECTION

