

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

FRIDAY 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	429	0.0	3000	429	0	0.36	0	70.2	62.5	49.7
1-2 AM	253	0.0	3000	253	0	0.36	0	70.2	62.5	49.7
2-3 AM	235	0.0	3000	235	0	0.36	0	70.2	62.5	49.7
3-4 AM	270	0.0	3000	270	0	0.36	0	70.2	62.5	49.7
4-5 AM	547	0.0	3000	547	0	0.36	0	70.0	62.4	49.7
5-6 AM	1484	0.0	3000	1484	0	0.34	0	68.9	61.7	49.7
6-7 AM	3721	0.0	2999	3721	0	3.59	237	65.5	30.4	37.3
7-8 AM	5425	0.0	2999	3034	2391	15.46+	860	53.8	12.0	37.3
8-9 AM	4588	0.0	3000	3084	1504	15.72+	850	59.5	12.0	37.3
9-10 AM	3559	0.0	3000	3000	559	15.89+	837	66.3	12.2	37.3
10-11 AM	3260	0.0	3000	2999	261	15.89+	836	66.7	12.2	37.3
11AM-NOON	3493	0.0	2999	3000	493	15.89+	837	66.4	12.2	37.3
NOON-1PM	3455	0.0	3000	3000	455	15.89+	837	66.4	12.2	37.3
1-2 PM	3694	0.0	3000	3000	694	15.87+	838	65.6	12.2	37.3
2-3 PM	3455	0.0	3000	3000	455	15.89+	837	66.4	12.2	37.3
3-4 PM	4664	0.0	2999	3016	1648	15.86+	860	59.0	12.0	37.3
4-5 PM	4754	0.0	3000	3000	1754	15.89+	864	58.4	12.0	37.3
5-6 PM	4213	0.0	3000	2990	1223	15.79+	845	62.1	12.1	37.3
6-7 PM	3933	0.0	2999	2997	937	15.80+	839	64.0	12.2	37.3
7-8 PM	2706	0.0	2999	2706	0	14.32+	752	67.4	12.8	37.3
8-9 PM	2063	0.0	2999	2063	0	2.14	177	68.2	39.7	46.9
9-10 PM	1900	0.0	3000	1900	0	0.34	0	68.4	61.4	49.7
10-11 PM	1662	0.0	3000	1662	0	0.34	0	68.7	61.6	49.7
11PM-MID	1263	0.0	3000	1263	0	0.35	0	69.2	61.9	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

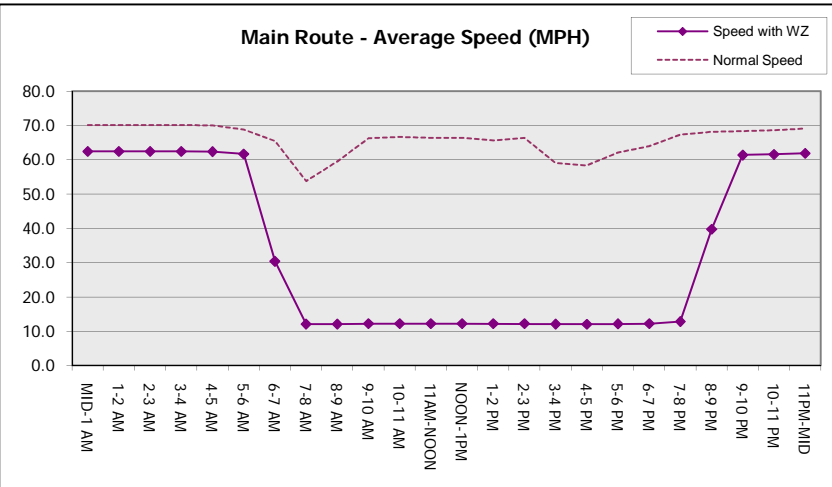
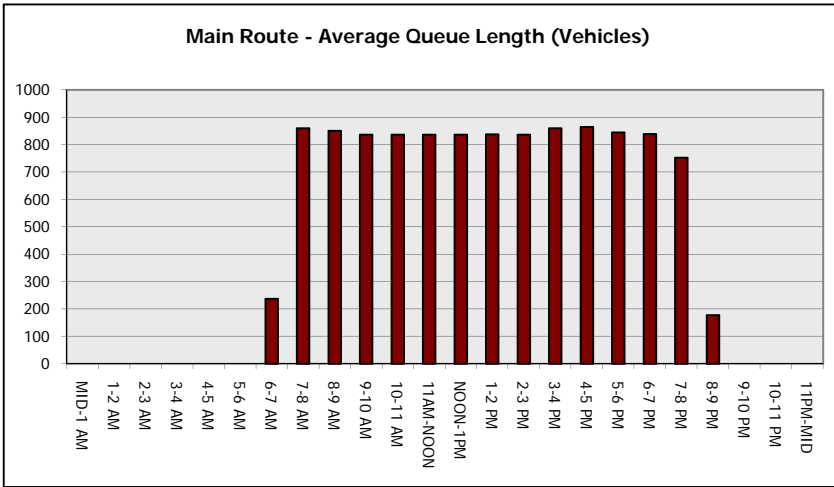
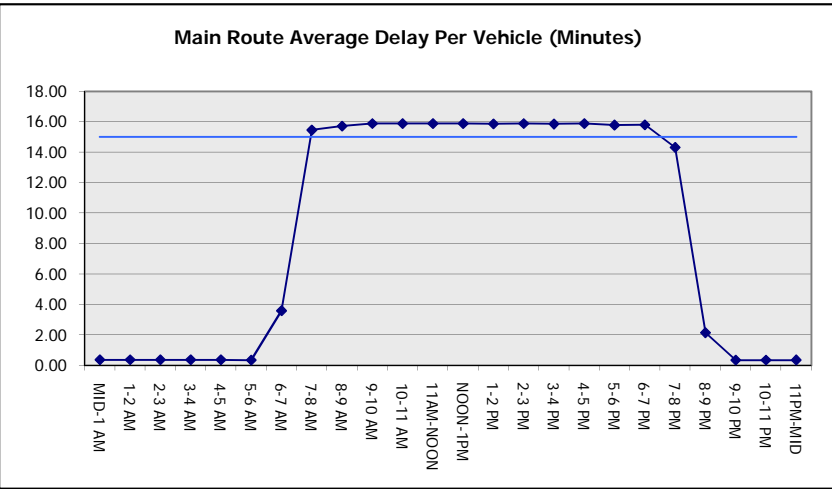
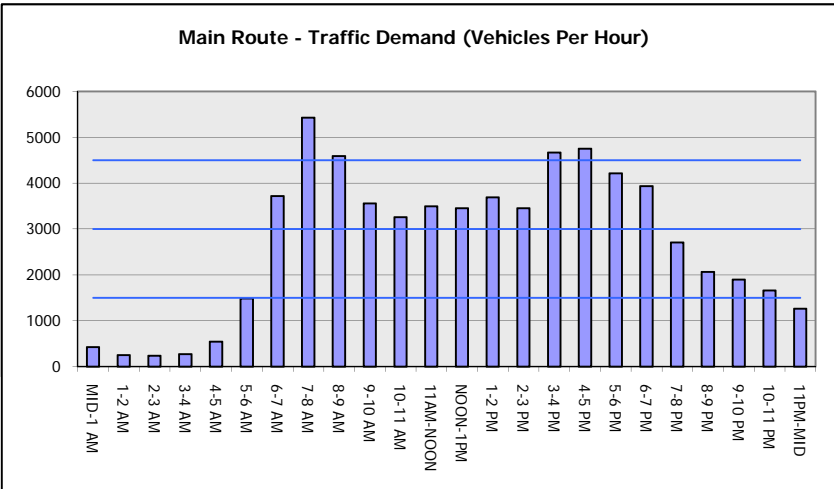
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0352
MAIN ROUTE WITH WORKS	0.0250
'DIVERSION'	0.0155
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$186,203
CONGESTED HOURS PER DAY*	13

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY SOUTHBOUND DIRECTION



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SUMMARY OF TRAFFIC MODEL OUTPUT

FRIDAY 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	693	0.0	3000	693	0	0.36	0	69.9	62.3	49.7
1-2 AM	506	0.0	3000	506	0	0.36	0	70.1	62.4	49.7
2-3 AM	388	0.0	3000	388	0	0.36	0	70.2	62.5	49.7
3-4 AM	349	0.0	3000	349	0	0.36	0	70.2	62.5	49.7
4-5 AM	483	0.0	3000	483	0	0.36	0	70.1	62.4	49.7
5-6 AM	1594	0.0	3000	1594	0	0.34	0	68.7	61.7	49.7
6-7 AM	3349	0.0	2999	3349	0	1.84	90	66.6	41.6	37.4
7-8 AM	4588	0.0	3000	3472	1116	14.14+	782	59.5	12.9	38.6
8-9 AM	4048	0.0	2999	3008	1039	15.79+	841	63.2	12.1	37.3
9-10 AM	3242	0.0	3000	2999	243	15.89+	836	66.7	12.2	37.3
10-11 AM	3105	0.0	3000	2999	106	15.89+	836	66.9	12.2	37.3
11AM-NOON	3442	0.0	2999	2999	443	15.89+	837	66.4	12.2	37.3
NOON-1PM	3761	0.0	3000	3000	762	15.85+	838	65.1	12.2	37.3
1-2 PM	3838	0.0	3000	3000	838	15.82+	838	64.6	12.2	37.3
2-3 PM	3608	0.0	3000	3000	608	15.89+	838	66.2	12.2	37.3
3-4 PM	5287	0.0	2999	3000	2287	15.61+	864	54.7	12.0	37.3
4-5 PM	5745	0.0	3000	3000	2745	15.35+	864	51.6	12.0	37.3
5-6 PM	4832	0.0	3000	3017	1815	15.80+	861	57.8	12.0	37.3
6-7 PM	3674	0.0	3000	2996	678	15.87+	838	65.8	12.2	37.3
7-8 PM	2752	0.0	2999	2744	8	14.50+	761	67.3	12.7	37.3
8-9 PM	2384	0.0	2999	2384	0	4.74	296	67.8	26.3	41.5
9-10 PM	2502	0.0	3000	2502	0	0.40	0	67.6	59.6	46.8
10-11 PM	2418	0.0	3000	2418	0	0.35	0	67.8	60.7	48.9
11PM-MID	1639	0.0	3000	1639	0	0.34	0	68.7	61.6	49.7

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

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

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

MAIN ROUTE WITHOUT WORKS	0.0369
MAIN ROUTE WITH WORKS	0.0264
'DIVERSION'	0.0159

PIA: Personal Injury Accidents

ROAD USER COSTS PER DAY	\$186,833
CONGESTED HOURS PER DAY*	13

*Delays Exceeding User-Specified Maximum

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