

**IH 39/90: STH 73 TO USH 14 (ROCK AND DANE COUNTIES)
CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: USH 14 - USH 51**

MAY
Analyzed for 2009
Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT
SUNDAY WESTBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR								AVERAGE SPEEDS IN MPH						
	MAIN ROUTE		ALTERNATE ROUTE		SITE CAPA CITY	FLOW MAIN ROUTE	FLOW DIVER -TING	TOTAL DIVN FLOW	AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		ALTERNATE ROUTE		
	DEMAND FLOW	PCT HEAVY	NORMAL FLOW	PCT HEAVY							WITHOUT WORK ZN	WITH WORK ZN	SITE	WITHOUT WORK ZN	WITH WORK ZN
MID-1 AM	241	0.0	29	0.0	1500	241	0	29	0.45	0	66.0	63.3	44.5	39.4	39.4
1-2 AM	165	0.0	20	0.0	1500	165	0	20	0.44	0	66.1	63.5	44.8	39.5	39.5
2-3 AM	148	0.0	18	0.0	1500	148	0	18	0.44	0	66.1	63.5	44.9	39.5	39.5
3-4 AM	137	0.0	16	0.0	1500	137	0	16	0.44	0	66.1	63.6	45.0	39.6	39.6
4-5 AM	144	0.0	18	0.0	1500	144	0	18	0.44	0	66.1	63.6	44.9	39.5	39.5
5-6 AM	248	0.0	30	0.0	1500	248	0	30	0.45	0	66.0	63.3	44.5	39.4	39.4
6-7 AM	373	0.0	45	0.0	1500	373	0	45	0.46	0	65.7	63.0	44.0	39.2	39.2
7-8 AM	581	0.0	70	0.0	1500	581	0	70	0.48	0	65.3	62.6	43.2	38.9	38.9
8-9 AM	840	0.0	102	0.0	1500	840	0	102	0.50	0	64.8	62.0	42.2	38.5	38.5
9-10 AM	1126	0.0	136	0.0	1500	1126	0	136	0.54	0	64.3	61.3	41.0	38.1	38.1
10-11 AM	1432	0.0	173	0.0	1499	1432	0	173	0.94	0	63.7	58.9	32.3	37.6	37.6
11A-NOON	1518	0.0	183	0.0	1499	1518	0	183	1.23	5	63.5	57.3	30.8	37.4	37.4
NOON-1PM	1540	0.0	186	0.0	1500	1540	0	186	2.43	38	63.5	52.3	30.8	37.4	37.4
1-2 PM	1519	0.0	184	0.0	1499	1519	0	184	3.56	68	63.5	48.3	30.8	37.4	37.4
2-3 PM	1518	0.0	183	0.0	1500	1518	0	183	4.26	87	63.5	46.2	30.8	37.4	37.4
3-4 PM	1500	0.0	181	0.0	1499	1500	0	181	4.58	96	63.6	45.3	30.8	37.5	37.5
4-5 PM	1513	0.0	183	0.0	1500	1513	0	183	4.93	105	63.6	44.3	30.8	37.4	37.4
5-6 PM	1398	0.0	169	0.0	1499	1398	0	169	3.37	66	63.8	49.1	31.5	37.6	37.6
6-7 PM	1248	0.0	151	0.0	1500	1247	0	152	0.70	0	64.1	60.3	37.0	37.9	37.9
7-8 PM	1103	0.0	134	0.0	1500	1103	0	134	0.53	0	64.3	61.4	41.3	38.1	38.1
8-9 PM	977	0.0	118	0.0	1500	977	0	118	0.52	0	64.6	61.7	41.7	38.3	38.3
9-10 PM	717	0.0	87	0.0	1500	717	0	87	0.49	0	65.0	62.3	42.7	38.7	38.7
10-11 PM	547	0.0	66	0.0	1500	547	0	66	0.48	0	65.4	62.7	43.3	38.9	38.9
11PM-MID	379	0.0	46	0.0	1500	379	0	46	0.46	0	65.7	63.0	44.0	39.2	39.2

----- SITE BREAKDOWN DELAYS -----

BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN (VEH-H) MAX	0.0
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV DIVN DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

----- SITE ACCIDENT DELAYS -----

ACCIDENT DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN (VEH-H) MAX	0.0
AV ACCIDENTS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV DIVN DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

AVERAGE ACCIDENT NUMBERS (PIA/DAY)

MAIN ROUTE WITHOUT WORKS	0.0399
MAIN ROUTE WITH WORKS	0.0385
DIVERSION	0.0419

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS

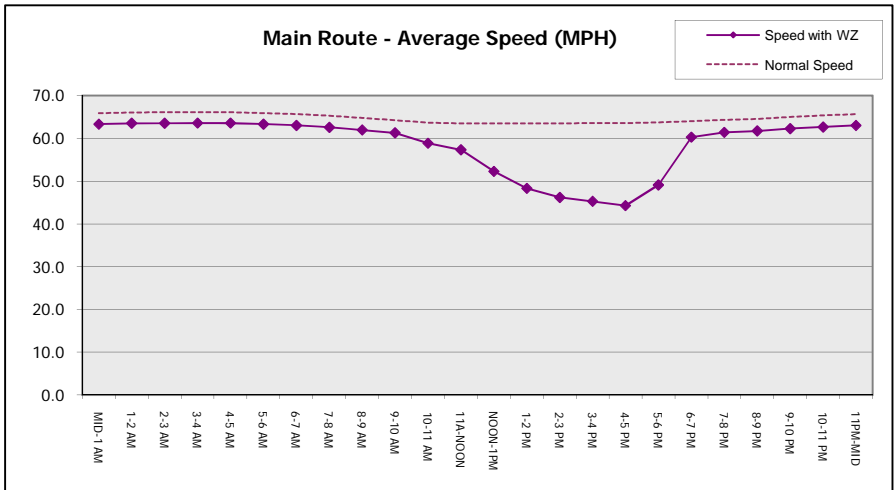
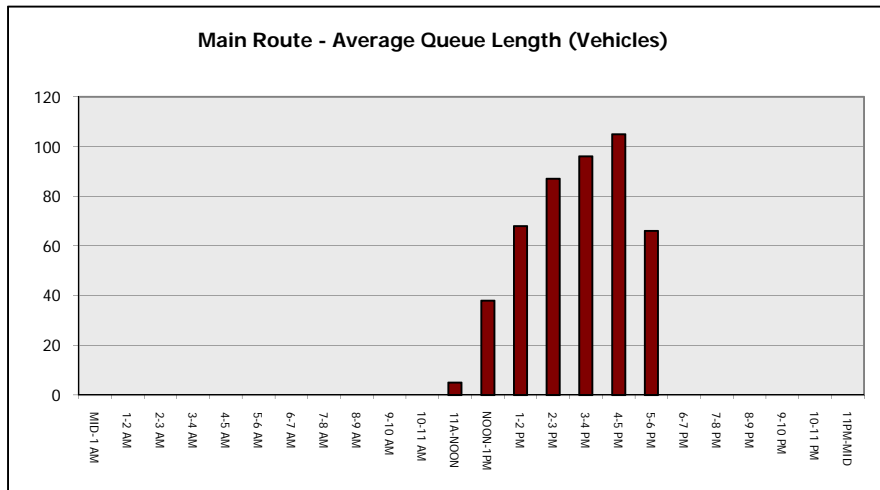
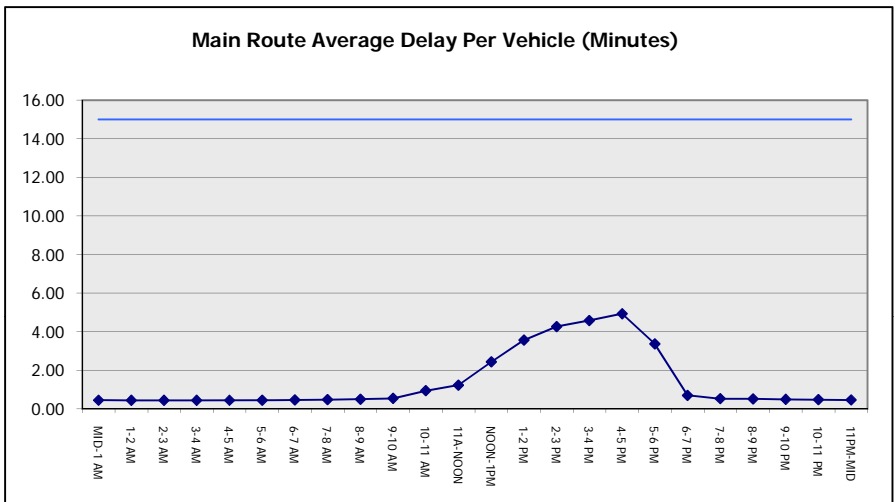
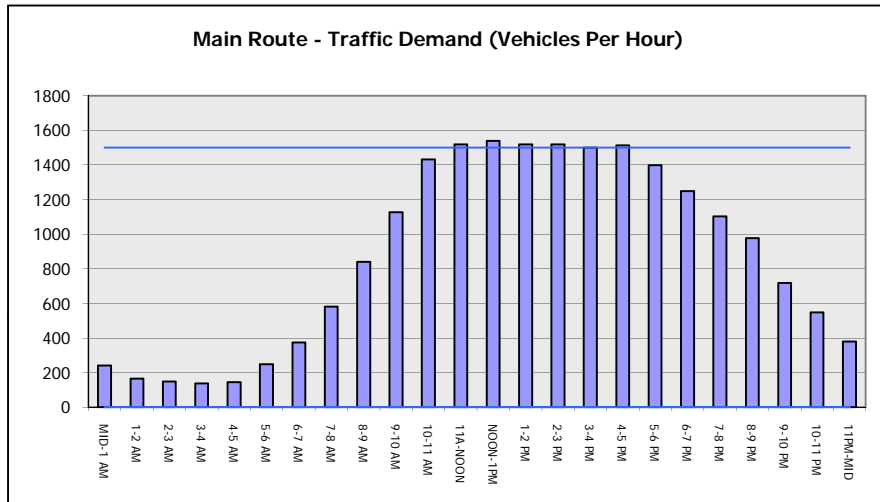
ROAD USER COSTS PER DAY (DOLLARS)	\$12,070
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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 CONTINUOUS (24 HOUR) CLOSURE
 DIVERSION ROUTE: USH 14 - USH 51**

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY WESTBOUND DIRECTION



IH 39/90: STH 73 TO USH 14 (ROCK AND DANE COUNTIES) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: USH 14 - USH 51	MAY
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

SUNDAY EASTBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR							AVERAGE SPEEDS IN MPH			AVERAGE SPEEDS IN MPH				
	MAIN		DIVERSION		SITE CAPA CITY	FLOW MAIN ROUTE	FLOW DIVER -TING	TOTAL DIVN FLOW	AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		ALTERNATE ROUTE		
	DEMAND FLOW	PCT HEAVY	NORMAL FLOW	PCT HEAVY							WITHOUT WORK ZN	WITH WORK ZN	SITE	WITHOUT WORK ZN	WITH WORK ZN
MID-1 AM	267	0.0	32	0.0	1500	267	0	32	0.45	0	65.9	63.3	44.4	39.4	39.4
1-2 AM	180	0.0	22	0.0	1500	180	0	22	0.44	0	66.1	63.5	44.8	39.5	39.5
2-3 AM	147	0.0	18	0.0	1500	147	0	18	0.44	0	66.1	63.6	44.9	39.5	39.5
3-4 AM	126	0.0	15	0.0	1500	126	0	15	0.43	0	66.1	63.6	45.0	39.6	39.6
4-5 AM	132	0.0	15	0.0	1500	132	0	15	0.44	0	66.1	63.6	45.0	39.6	39.6
5-6 AM	180	0.0	22	0.0	1500	180	0	22	0.44	0	66.1	63.5	44.8	39.5	39.5
6-7 AM	316	0.0	38	0.0	1500	316	0	38	0.45	0	65.8	63.2	44.2	39.2	39.2
7-8 AM	533	0.0	65	0.0	1500	533	0	65	0.47	0	65.4	62.7	43.4	38.9	38.9
8-9 AM	854	0.0	103	0.0	1500	854	0	103	0.51	0	64.8	62.0	42.2	38.4	38.4
9-10 AM	1208	0.0	146	0.0	1499	1208	0	146	0.65	0	64.1	60.6	38.3	37.9	37.9
10-11 AM	1450	0.0	175	0.0	1499	1450	0	175	0.98	0	63.7	58.6	31.9	37.6	37.6
11A-NOON	1640	0.0	199	0.0	1500	1640	0	199	3.30	65	63.3	49.1	30.8	37.3	37.3
NOON-1PM	1662	0.0	201	0.0	1499	1662	0	201	9.06	221	63.3	35.2	30.8	37.3	37.3
1-2 PM	1702	0.0	206	0.0	1499	1524	178	384	12.79	319	63.2	29.7	30.8	37.2	35.0
2-3 PM	1800	0.0	218	0.0	1500	1526	275	493	13.73	345	63.0	28.6	30.8	37.0	33.6
3-4 PM	1782	0.0	215	0.0	1499	1491	291	506	13.86	348	63.1	28.4	30.8	37.1	33.5
4-5 PM	1729	0.0	209	0.0	1500	1485	244	453	13.39	335	63.2	29.1	30.8	37.1	34.1
5-6 PM	1704	0.0	206	0.0	1500	1491	212	418	13.09	327	63.2	29.4	30.8	37.2	34.5
6-7 PM	1589	0.0	193	0.0	1499	1469	120	313	12.23	303	63.4	30.5	30.8	37.3	35.8
7-8 PM	1475	0.0	178	0.0	1500	1451	24	202	11.17	273	63.7	32.0	30.8	37.5	37.3
8-9 PM	1147	0.0	139	0.0	1499	1147	0	139	3.70	96	64.3	48.3	36.5	38.0	38.0
9-10 PM	937	0.0	113	0.0	1500	937	0	113	0.51	0	64.6	61.8	41.9	38.3	38.3
10-11 PM	625	0.0	75	0.0	1500	625	0	75	0.48	0	65.2	62.5	43.0	38.8	38.8
11PM-MID	425	0.0	52	0.0	1500	425	0	52	0.46	0	65.6	62.9	43.8	39.1	39.1

----- SITE BREAKDOWN DELAYS -----	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN	0.0
(VEH-H) MAX	0.0
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV DIVN DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

----- SITE ACCIDENT DELAYS -----	
ACCIDENT DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN	0.0
(VEH-H) MAX	0.0
AV ACCIDENTS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV DIVN DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0451
MAIN ROUTE WITH WORKS	0.0410
DIVERSION	0.0695

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$51,508
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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 CONTINUOUS (24 HOUR) CLOSURE
 DIVERSION ROUTE: USH 14 - USH 51**

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 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY EASTBOUND DIRECTION

