

**USH 41: STH 67 TO STH 60 (WASHINGTON AND DODGE COUNTIES)
CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: CTH K - STH 175 - STH 33**

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		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	149	0.0	39	0.0	1500	149	0	39	0.44	0	66.1	59.4	44.9	24.5	24.5
1-2 AM	85	0.0	22	0.0	1500	85	0	22	0.43	0	66.2	59.6	45.1	24.7	24.7
2-3 AM	74	0.0	20	0.0	1500	74	0	20	0.43	0	66.3	59.7	45.2	24.7	24.7
3-4 AM	86	0.0	23	0.0	1500	86	0	23	0.43	0	66.2	59.6	45.1	24.7	24.7
4-5 AM	140	0.0	36	0.0	1500	140	0	36	0.44	0	66.1	59.5	44.9	24.6	24.6
5-6 AM	222	0.0	58	0.0	1500	222	0	58	0.44	0	66.0	59.2	44.6	24.4	24.4
6-7 AM	318	0.0	82	0.0	1500	318	0	82	0.45	0	65.8	59.0	44.2	24.2	24.2
7-8 AM	528	0.0	137	0.0	1500	528	0	137	0.47	0	65.4	58.4	43.4	23.8	23.8
8-9 AM	760	0.0	197	0.0	1500	760	0	197	0.50	0	65.0	57.8	42.5	23.3	23.3
9-10 AM	875	0.0	226	0.0	1500	875	0	226	0.51	0	64.8	57.4	42.1	23.1	23.1
10-11 AM	981	0.0	254	0.0	1500	981	0	254	0.52	0	64.6	57.1	41.7	22.9	22.9
11A-NOON	1087	0.0	282	0.0	1500	1087	0	282	0.53	0	64.3	56.9	41.4	22.7	22.7
NOON-1PM	1015	0.0	263	0.0	1500	1015	0	263	0.52	0	64.5	57.1	41.6	22.8	22.8
1-2 PM	1115	0.0	289	0.0	1500	1115	0	289	0.53	0	64.3	56.8	41.3	22.6	22.6
2-3 PM	1140	0.0	295	0.0	1500	1140	0	295	0.56	0	64.3	56.4	40.4	22.6	22.6
3-4 PM	1184	0.0	307	0.0	1500	1184	0	307	0.62	0	64.1	55.6	39.0	22.5	22.5
4-5 PM	1126	0.0	291	0.0	1500	1126	0	291	0.54	0	64.3	56.6	41.0	22.6	22.6
5-6 PM	909	0.0	236	0.0	1500	909	0	236	0.51	0	64.7	57.3	42.0	23.0	23.0
6-7 PM	779	0.0	202	0.0	1500	779	0	202	0.50	0	65.0	57.7	42.5	23.3	23.3
7-8 PM	647	0.0	168	0.0	1500	647	0	168	0.49	0	65.2	58.1	43.0	23.5	23.5
8-9 PM	582	0.0	150	0.0	1500	582	0	150	0.48	0	65.3	58.2	43.2	23.7	23.7
9-10 PM	499	0.0	130	0.0	1500	499	0	130	0.47	0	65.5	58.4	43.5	23.8	23.8
10-11 PM	352	0.0	92	0.0	1500	352	0	92	0.46	0	65.7	58.9	44.1	24.2	24.2
11PM-MID	219	0.0	57	0.0	1500	219	0	57	0.44	0	66.0	59.2	44.6	24.4	24.4

----- 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	0.0102
MAIN ROUTE WITH WORKS	0.0092
DIVERSION	0.0358

PIA: Personal Injury Accidents

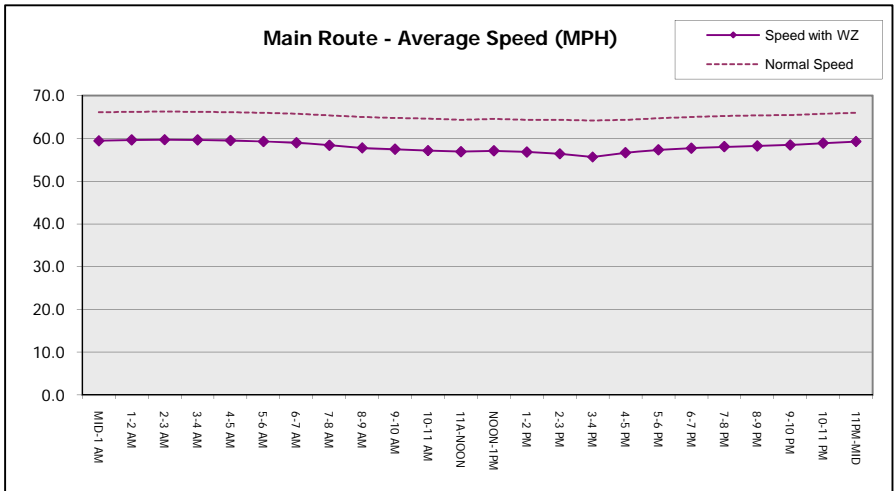
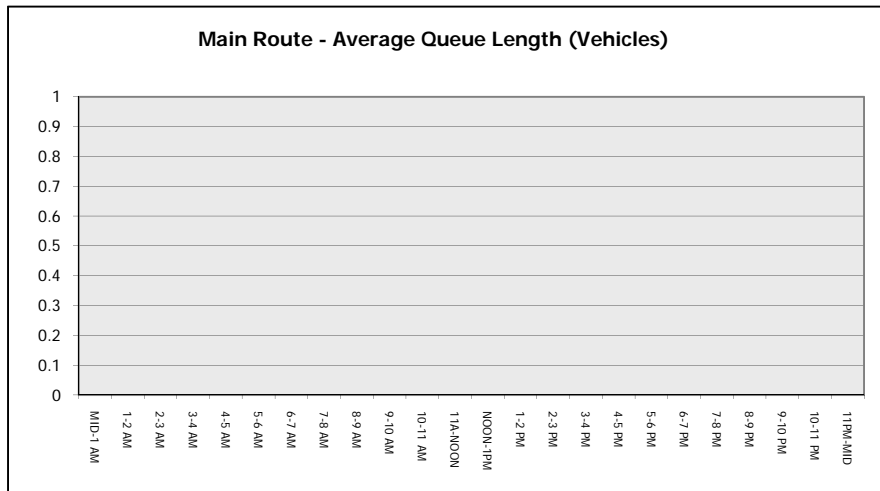
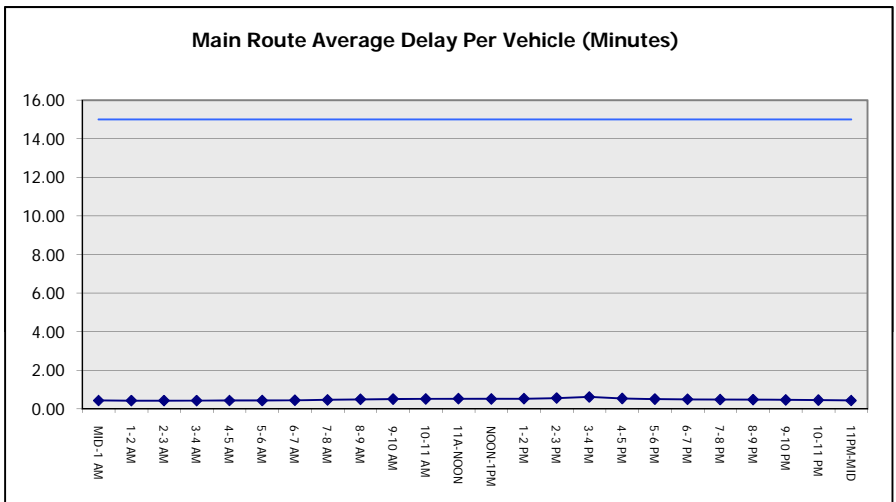
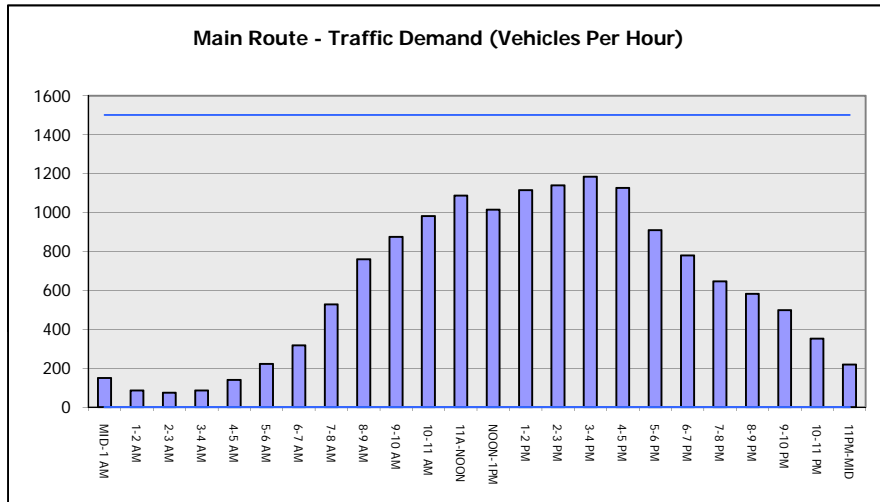
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,952
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

USH 41: STH 67 TO STH 60 (WASHINGTON AND DODGE COUNTIES)
CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: CTH K - STH 175 - STH 33

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY SOUTHBOUND DIRECTION



USH 41: STH 67 TO STH 60 (WASHINGTON AND DODGE COUNTIES) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: CTH K - STH 175 - STH 33	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		DIVERSION		SITE CAPA CITY	FLOW MAIN ROUTE	FLOW DIVER -TING	TOTAL DIVN FLOW	AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		SITE	ALTERNATE ROUTE	
	DEMAND FLOW	PCT HEAVY	NORMAL FLOW	PCT HEAVY							WITHOUT WORK ZN	WITH WORK ZN		WITHOUT WORK ZN	WITH WORK ZN
MID-1 AM	237	0.0	62	0.0	1500	237	0	62	0.45	0	66.0	59.2	44.5	24.3	24.3
1-2 AM	136	0.0	35	0.0	1500	136	0	35	0.44	0	66.1	59.5	45.0	24.6	24.6
2-3 AM	105	0.0	27	0.0	1500	105	0	27	0.43	0	66.2	59.6	45.1	24.7	24.7
3-4 AM	107	0.0	28	0.0	1500	107	0	28	0.43	0	66.2	59.6	45.1	24.7	24.7
4-5 AM	186	0.0	48	0.0	1500	186	0	48	0.44	0	66.0	59.4	44.7	24.5	24.5
5-6 AM	332	0.0	86	0.0	1500	332	0	86	0.45	0	65.8	58.9	44.2	24.2	24.2
6-7 AM	665	0.0	172	0.0	1500	665	0	172	0.49	0	65.1	58.0	42.9	23.5	23.5
7-8 AM	985	0.0	255	0.0	1500	985	0	255	0.52	0	64.5	57.1	41.7	22.9	22.9
8-9 AM	1168	0.0	303	0.0	1500	1168	0	303	0.60	0	64.2	55.9	39.5	22.5	22.5
9-10 AM	1319	0.0	342	0.0	1500	1319	0	342	0.79	0	63.9	53.5	35.0	22.2	22.2
10-11 AM	1391	0.0	360	0.0	1500	1391	0	360	0.88	0	63.8	52.4	33.2	22.1	22.1
11A-NOON	1331	0.0	345	0.0	1500	1331	0	345	0.81	0	63.9	53.3	34.7	22.2	22.2
NOON-1PM	1203	0.0	312	0.0	1500	1203	0	312	0.64	0	64.1	55.3	38.4	22.4	22.4
1-2 PM	1123	0.0	291	0.0	1500	1123	0	291	0.54	0	64.3	56.7	41.1	22.6	22.6
2-3 PM	1032	0.0	268	0.0	1500	1032	0	268	0.52	0	64.5	57.0	41.5	22.8	22.8
3-4 PM	1059	0.0	274	0.0	1500	1059	0	274	0.52	0	64.4	56.9	41.5	22.7	22.7
4-5 PM	959	0.0	248	0.0	1500	959	0	248	0.52	0	64.6	57.2	41.8	22.9	22.9
5-6 PM	834	0.0	216	0.0	1500	834	0	216	0.50	0	64.8	57.6	42.3	23.2	23.2
6-7 PM	719	0.0	186	0.0	1500	719	0	186	0.49	0	65.0	57.9	42.7	23.4	23.4
7-8 PM	613	0.0	158	0.0	1500	613	0	158	0.48	0	65.3	58.1	43.1	23.6	23.6
8-9 PM	575	0.0	149	0.0	1500	575	0	149	0.48	0	65.3	58.2	43.2	23.7	23.7
9-10 PM	612	0.0	158	0.0	1500	612	0	158	0.48	0	65.3	58.1	43.1	23.6	23.6
10-11 PM	399	0.0	104	0.0	1500	399	0	104	0.46	0	65.6	58.7	43.9	24.0	24.0
11PM-MID	224	0.0	58	0.0	1500	224	0	58	0.44	0	66.0	59.2	44.6	24.4	24.4

----- 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	0.0118
MAIN ROUTE WITH WORKS	0.0107
DIVERSION	0.0416

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,607
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

USH 41: STH 67 TO STH 60 (WASHINGTON AND DODGE COUNTIES)
CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: CTH K - STH 175 - STH 33

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY NORTHBOUND DIRECTION

