

<b>USH 53: USH 8 TO CTH I (BARRON COUNTY)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: CTH I - CTH SS - USH 8</b>	<b>OCTOBER</b>
	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	47	0.0	84	0.0	1500	47	0	84	0.43	0	66.3	62.7	45.3	38.8	38.8
1-2 AM	38	0.0	68	0.0	1500	38	0	68	0.43	0	66.3	62.8	45.3	38.8	38.8
2-3 AM	28	0.0	51	0.0	1500	28	0	51	0.43	0	66.3	62.8	45.4	38.9	38.9
3-4 AM	24	0.0	43	0.0	1500	24	0	43	0.42	0	66.3	62.8	45.4	38.9	38.9
4-5 AM	27	0.0	50	0.0	1500	27	0	50	0.43	0	66.3	62.8	45.4	38.9	38.9
5-6 AM	56	0.0	101	0.0	1500	56	0	101	0.43	0	66.3	62.7	45.3	38.7	38.7
6-7 AM	93	0.0	170	0.0	1500	93	0	170	0.43	0	66.2	62.6	45.1	38.4	38.4
7-8 AM	158	0.0	287	0.0	1500	158	0	287	0.44	0	66.1	62.5	44.8	37.9	37.9
8-9 AM	234	0.0	427	0.0	1500	234	0	427	0.45	0	66.0	62.3	44.5	37.3	37.3
9-10 AM	271	0.0	493	0.0	1500	271	0	493	0.45	0	65.9	62.2	44.4	36.3	36.3
10-11 AM	331	0.0	603	0.0	1500	331	0	603	0.45	0	65.8	62.0	44.2	34.2	34.2
11A-NOON	319	0.0	583	0.0	1500	319	0	583	0.45	0	65.8	62.1	44.2	34.6	34.6
NOON-1PM	332	0.0	604	0.0	1500	332	0	604	0.45	0	65.8	62.0	44.2	34.2	34.2
1-2 PM	323	0.0	589	0.0	1500	323	0	589	0.45	0	65.8	62.0	44.2	34.5	34.5
2-3 PM	318	0.0	581	0.0	1500	318	0	581	0.45	0	65.8	62.1	44.2	34.7	34.7
3-4 PM	333	0.0	606	0.0	1500	333	0	606	0.45	0	65.8	62.0	44.2	34.2	34.2
4-5 PM	317	0.0	580	0.0	1500	317	0	580	0.45	0	65.8	62.1	44.2	34.7	34.7
5-6 PM	316	0.0	577	0.0	1500	316	0	577	0.45	0	65.8	62.1	44.2	34.7	34.7
6-7 PM	254	0.0	461	0.0	1500	254	0	461	0.45	0	65.9	62.2	44.5	36.9	36.9
7-8 PM	208	0.0	379	0.0	1500	208	0	379	0.44	0	66.0	62.3	44.6	37.5	37.5
8-9 PM	177	0.0	323	0.0	1500	177	0	323	0.44	0	66.1	62.4	44.8	37.8	37.8
9-10 PM	130	0.0	237	0.0	1500	130	0	237	0.44	0	66.1	62.5	45.0	38.1	38.1
10-11 PM	91	0.0	166	0.0	1500	91	0	166	0.43	0	66.2	62.6	45.1	38.4	38.4
11PM-MID	64	0.0	116	0.0	1500	64	0	116	0.43	0	66.3	62.7	45.2	38.6	38.6

*----- 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	0.0059
MAIN ROUTE WITH WORKS	0.0056
DIVERSION	0.1143

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$503
CONGESTED HOURS PER DAY*	0

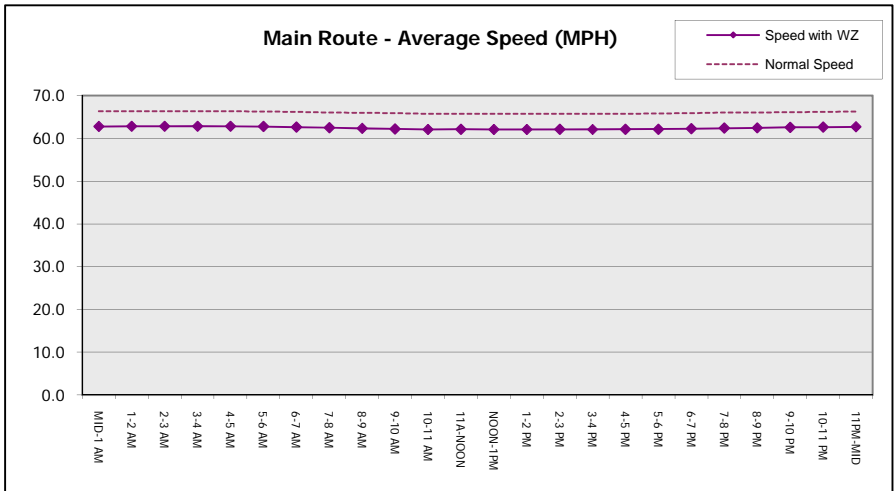
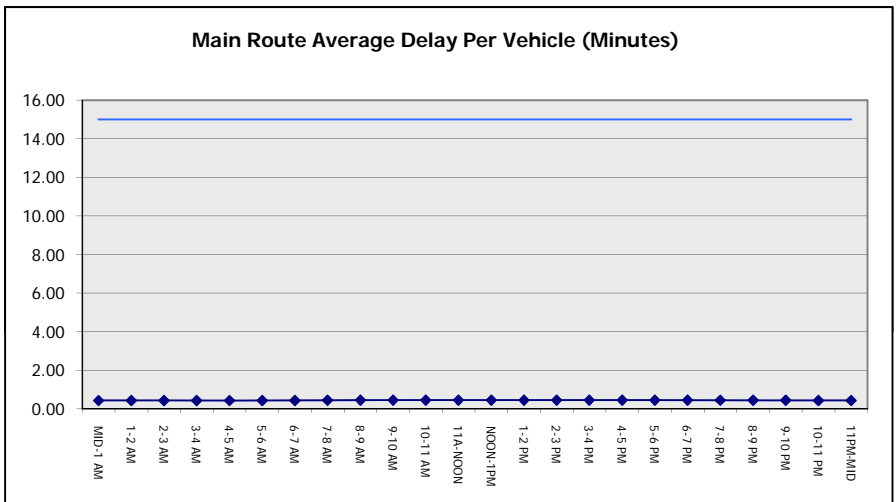
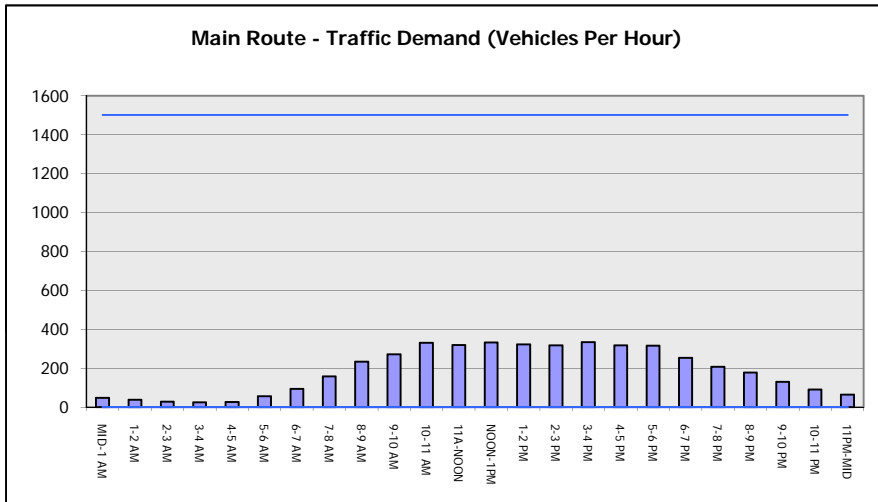
\*Delays Exceeding 15 Minutes

**USH 53: USH 8 TO CTH I (BARRON COUNTY)**  
**CONTINUOUS (24 HOUR) CLOSURE**  
**DIVERSION ROUTE: CTH I - CTH SS - USH 8**

**OCTOBER**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**

**SATURDAY      SOUTHBOUND DIRECTION**



<b>USH 53: USH 8 TO CTH I (BARRON COUNTY)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: CTH I - CTH SS - USH 8</b>	<b>OCTOBER</b>
	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	53	0.0	96	0.0	1500	53	0	96	0.43	0	66.3	62.7	45.3	38.8	38.8
1-2 AM	33	0.0	62	0.0	1500	33	0	62	0.43	0	66.3	62.8	45.3	38.9	38.9
2-3 AM	24	0.0	43	0.0	1500	24	0	43	0.42	0	66.3	62.8	45.4	38.9	38.9
3-4 AM	21	0.0	39	0.0	1500	21	0	39	0.42	0	66.3	62.8	45.4	38.9	38.9
4-5 AM	25	0.0	46	0.0	1500	25	0	46	0.42	0	66.3	62.8	45.4	38.9	38.9
5-6 AM	64	0.0	117	0.0	1500	64	0	117	0.43	0	66.3	62.7	45.2	38.6	38.6
6-7 AM	85	0.0	155	0.0	1500	85	0	155	0.43	0	66.2	62.7	45.1	38.5	38.5
7-8 AM	160	0.0	291	0.0	1500	160	0	291	0.44	0	66.1	62.5	44.8	37.9	37.9
8-9 AM	246	0.0	449	0.0	1500	246	0	449	0.45	0	66.0	62.2	44.5	37.2	37.2
9-10 AM	336	0.0	613	0.0	1500	336	0	613	0.46	0	65.8	62.0	44.2	34.0	34.0
10-11 AM	369	0.0	672	0.0	1500	369	0	672	0.46	0	65.7	62.0	44.0	32.9	32.9
11A-NOON	361	0.0	659	0.0	1500	361	0	659	0.46	0	65.7	62.0	44.0	33.2	33.2
NOON-1PM	339	0.0	618	0.0	1500	339	0	618	0.46	0	65.8	62.0	44.2	34.0	34.0
1-2 PM	327	0.0	596	0.0	1500	327	0	596	0.45	0	65.8	62.0	44.2	34.3	34.3
2-3 PM	302	0.0	550	0.0	1500	302	0	550	0.45	0	65.8	62.1	44.3	35.3	35.3
3-4 PM	292	0.0	532	0.0	1500	292	0	532	0.45	0	65.8	62.2	44.3	35.6	35.6
4-5 PM	276	0.0	502	0.0	1500	276	0	502	0.45	0	65.9	62.2	44.4	36.1	36.1
5-6 PM	272	0.0	495	0.0	1500	272	0	495	0.45	0	65.9	62.2	44.4	36.3	36.3
6-7 PM	220	0.0	401	0.0	1500	220	0	401	0.44	0	66.0	62.3	44.6	37.4	37.4
7-8 PM	183	0.0	333	0.0	1500	183	0	333	0.44	0	66.1	62.4	44.8	37.8	37.8
8-9 PM	153	0.0	279	0.0	1500	153	0	279	0.44	0	66.1	62.5	44.9	37.9	37.9
9-10 PM	140	0.0	255	0.0	1500	140	0	255	0.44	0	66.1	62.5	44.9	38.1	38.1
10-11 PM	93	0.0	171	0.0	1500	93	0	171	0.43	0	66.2	62.6	45.1	38.4	38.4
11PM-MID	64	0.0	117	0.0	1500	64	0	117	0.43	0	66.3	62.7	45.2	38.6	38.6

*----- 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	0.0059
MAIN ROUTE WITH WORKS	0.0056
DIVERSION	0.1131

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$500
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

**USH 53: USH 8 TO CTH I (BARRON COUNTY)  
 CONTINUOUS (24 HOUR) CLOSURE  
 DIVERSION ROUTE: CTH I - CTH SS - USH 8**

**OCTOBER**  
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 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SATURDAY NORTHBOUND DIRECTION**

