

<b>USH 41: CTH G TO CTH F (BROWN)                  CONTINUOUS (24 HOUR) CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</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		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	353	0.0	1500	353	0	1.04	48	65.7	41.4	43.8	
1-2 AM	256	0.0	1500	256	0	0.45	0	65.9	52.4	44.5	
2-3 AM	219	0.0	1500	219	0	0.44	0	66.0	52.5	44.6	
3-4 AM	197	0.0	1500	197	0	0.44	0	66.0	52.6	44.7	
4-5 AM	195	0.0	1500	195	0	0.44	0	66.0	52.6	44.7	
5-6 AM	336	0.0	1500	336	0	0.46	0	65.8	52.1	44.2	
6-7 AM	499	0.0	1500	499	0	0.47	0	65.5	51.5	43.5	
7-8 AM	798	0.0	1500	798	0	0.50	0	64.9	50.5	42.4	
8-9 AM	1052	0.0	1500	1052	0	0.52	0	64.4	49.7	41.5	
9-10 AM	1276	0.0	1499	1276	0	0.73	0	64.0	45.3	36.3	
10-11 AM	1581	0.0	1499	1581	0	1.90	27	63.5	30.8	30.8	
11AM-NOON	1686	0.0	1500	1686	0	6.92	167	63.2	13.7	30.8	
NOON-1PM	1791	0.0	1500	1645	146	15.14+	384	63.0	9.0	30.8	
1-2 PM	1717	0.0	1500	1503	214	16.95+	430	63.2	8.6	30.8	
2-3 PM	1728	0.0	1500	1503	226	16.95+	430	63.2	8.6	30.8	
3-4 PM	1663	0.0	1500	1502	161	16.95+	430	63.3	8.6	30.8	
4-5 PM	1585	0.0	1500	1504	82	16.94+	429	63.4	8.6	30.8	
5-6 PM	1385	0.0	1499	1385	0	15.00+	378	63.8	9.1	30.8	
6-7 PM	1210	0.0	1499	1210	0	6.51	176	64.1	14.8	33.0	
7-8 PM	968	0.0	1500	968	0	0.53	0	64.6	49.7	41.8	
8-9 PM	972	0.0	1500	972	0	0.52	0	64.6	50.0	41.8	
9-10 PM	1306	0.0	1499	1306	0	0.76	0	64.0	44.8	35.7	
10-11 PM	2023	0.0	1499	2023	0	8.95+	253	62.6	12.3	30.8	
11PM-MID	1562	0.0	1499	1286	276	14.96+	377	63.5	9.1	30.8	

+ 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

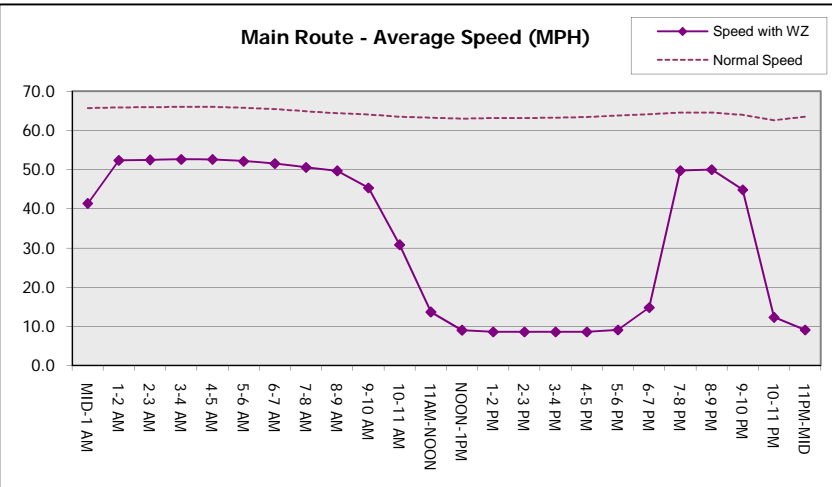
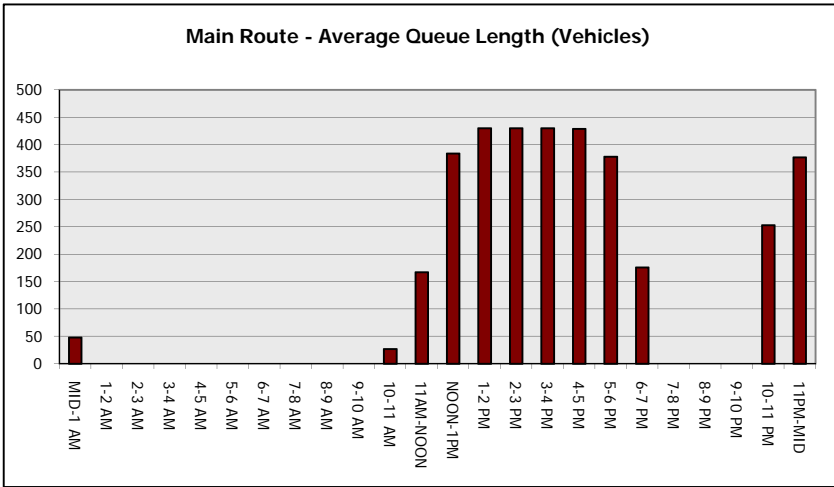
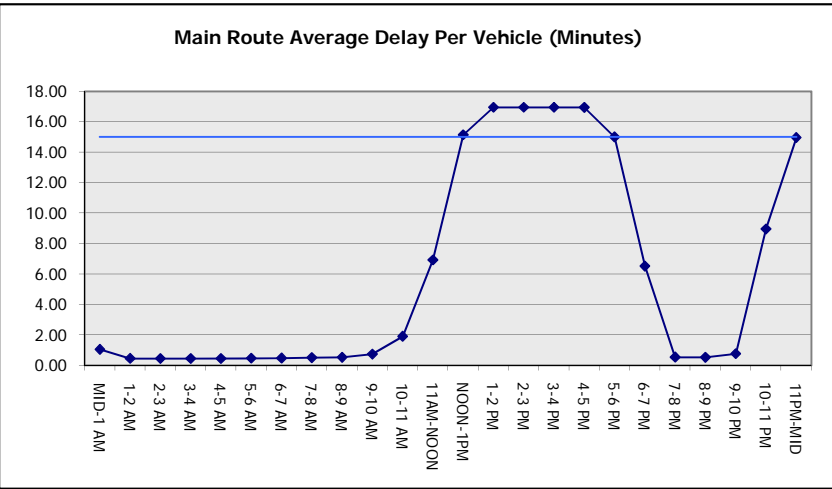
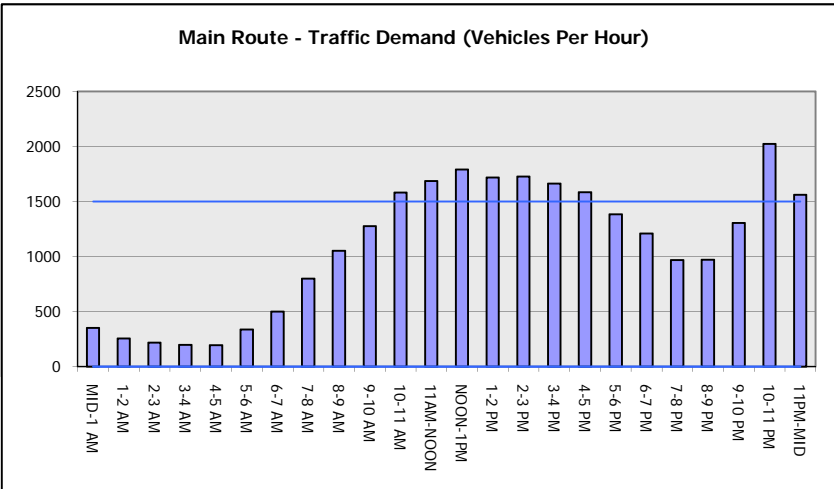
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0080
MAIN ROUTE WITH WORKS	0.0060
'DIVERSION'	0.0008
<small>PIA: Personal Injury Accidents</small>	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$64,583
CONGESTED HOURS PER DAY*	8

\*Delays Exceeding User-Specified Maximum

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**AUGUST**  
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Construction Season

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



<b>USH 41: CTH G TO CTH F (BROWN)                  CONTINUOUS (24 HOUR) CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</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 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	299	0.0	1500	299	0	0.45	0	65.8	52.2	44.3
1-2 AM	196	0.0	1500	196	0	0.44	0	66.0	52.6	44.7
2-3 AM	168	0.0	1500	168	0	0.44	0	66.1	52.7	44.8
3-4 AM	141	0.0	1500	141	0	0.44	0	66.1	52.8	44.9
4-5 AM	175	0.0	1500	175	0	0.44	0	66.1	52.7	44.8
5-6 AM	300	0.0	1500	300	0	0.45	0	65.8	52.2	44.3
6-7 AM	503	0.0	1500	503	0	0.47	0	65.5	51.5	43.5
7-8 AM	789	0.0	1500	789	0	0.50	0	64.9	50.5	42.4
8-9 AM	1155	0.0	1499	1155	0	0.60	0	64.2	47.9	39.3
9-10 AM	1477	0.0	1499	1477	0	1.19	7	63.7	38.3	31.9
10-11 AM	1811	0.0	1500	1811	0	6.48	170	63.0	14.7	30.8
11AM-NOON	1939	0.0	1499	1586	353	16.59+	421	62.8	8.6	30.8
NOON-1PM	1949	0.0	1500	1501	448	16.96+	430	62.8	8.6	30.8
1-2 PM	2032	0.0	1500	1501	531	16.97+	431	62.6	8.6	30.8
2-3 PM	2180	0.0	1500	1501	680	16.97+	431	62.3	8.6	30.8
3-4 PM	2278	0.0	1500	1501	777	16.97+	431	62.2	8.6	30.8
4-5 PM	2304	0.0	1500	1500	803	16.97+	431	62.1	8.6	30.8
5-6 PM	2058	0.0	1500	1500	557	16.97+	431	62.5	8.6	30.8
6-7 PM	1588	0.0	1500	1480	108	16.78+	425	63.4	8.6	30.8
7-8 PM	1037	0.0	1499	1037	0	5.43	203	64.5	17.6	36.1
8-9 PM	878	0.0	1500	878	0	0.51	0	64.8	50.2	42.1
9-10 PM	740	0.0	1500	740	0	0.49	0	65.0	50.7	42.6
10-11 PM	638	0.0	1500	638	0	0.48	0	65.2	51.0	43.0
11PM-MID	489	0.0	1500	489	0	0.47	0	65.5	51.5	43.5

+ 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	0.0082
MAIN ROUTE WITH WORKS	0.0054
'DIVERSION'	0.0030

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$83,652
CONGESTED HOURS PER DAY*	8

\*Delays Exceeding User-Specified Maximum

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