

<b>USH 41: CTH G TO CTH F (BROWN)                  CONTINUOUS (24 HOUR) CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	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	229	0.0	1500	229	0	0.44	0	66.0	52.5	44.6	
1-2 AM	185	0.0	1500	185	0	0.44	0	66.0	52.6	44.7	
2-3 AM	180	0.0	1500	180	0	0.44	0	66.1	52.7	44.8	
3-4 AM	178	0.0	1500	178	0	0.44	0	66.1	52.7	44.8	
4-5 AM	374	0.0	1500	374	0	0.46	0	65.7	52.0	44.0	
5-6 AM	998	0.0	1499	998	0	0.58	0	64.5	48.7	40.2	
6-7 AM	2131	0.0	1499	2035	95	8.25+	244	62.4	13.1	30.8	
7-8 AM	2719	0.0	1500	1431	1287	17.23+	443	58.6	8.4	30.8	
8-9 AM	1818	0.0	1499	1465	353	16.86+	427	63.0	8.6	30.8	
9-10 AM	1567	0.0	1499	1500	67	16.95+	429	63.5	8.6	30.8	
10-11 AM	1586	0.0	1499	1500	86	16.95+	429	63.4	8.6	30.8	
11AM-NOON	1864	0.0	1499	1500	364	16.96+	430	62.9	8.6	30.8	
NOON-1PM	2024	0.0	1499	1500	524	16.97+	431	62.6	8.6	30.8	
1-2 PM	2112	0.0	1500	1500	612	16.97+	431	62.5	8.6	30.8	
2-3 PM	2180	0.0	1500	1500	680	16.97+	431	62.3	8.6	30.8	
3-4 PM	2495	0.0	1499	1500	995	16.95+	432	60.9	8.6	30.8	
4-5 PM	2908	0.0	1499	1510	1398	17.10+	442	56.7	8.4	30.8	
5-6 PM	2493	0.0	1500	1494	999	16.97+	433	61.0	8.5	30.8	
6-7 PM	1619	0.0	1500	1473	146	16.82+	426	63.3	8.6	30.8	
7-8 PM	1114	0.0	1499	1114	0	8.30	236	64.3	12.9	34.1	
8-9 PM	959	0.0	1500	959	0	0.53	0	64.6	49.7	41.8	
9-10 PM	898	0.0	1500	898	0	0.51	0	64.7	50.2	42.0	
10-11 PM	829	0.0	1500	829	0	0.50	0	64.8	50.4	42.3	
11PM-MID	534	0.0	1500	534	0	0.47	0	65.4	51.4	43.3	

+ 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

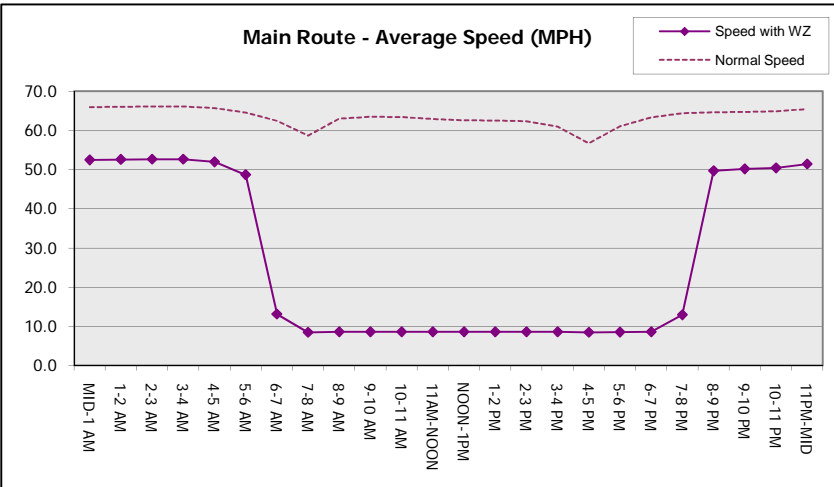
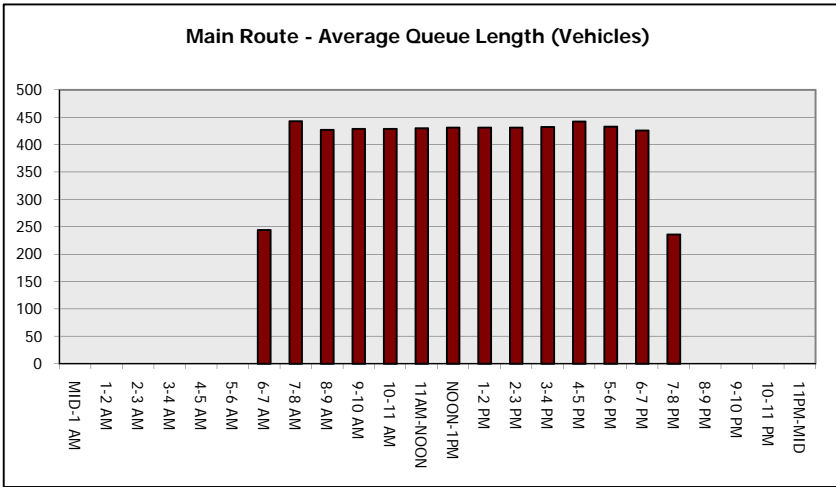
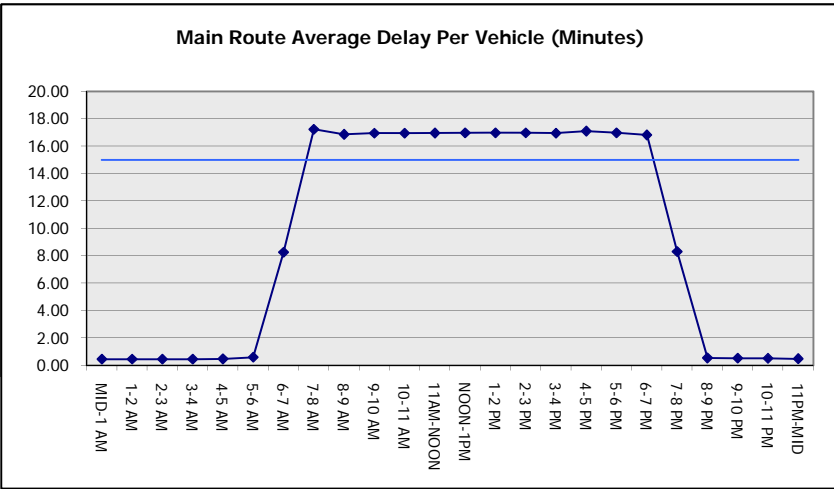
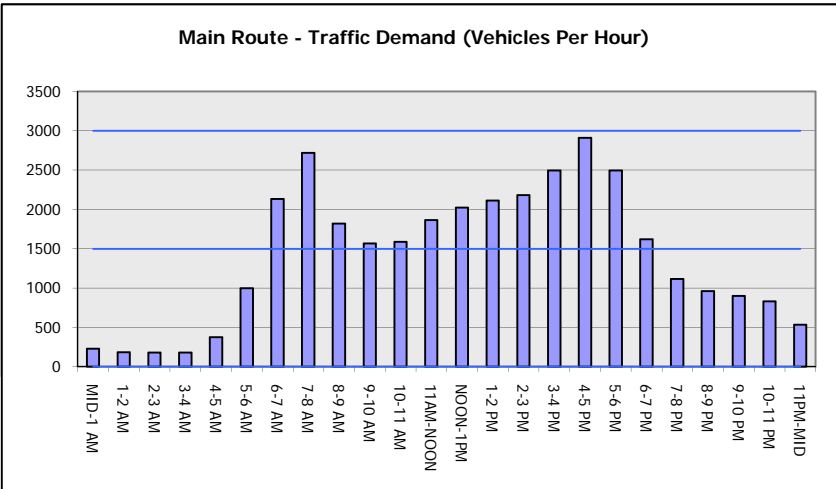
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0103
MAIN ROUTE WITH WORKS	0.0062
'DIVERSION'	0.0053
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$103,534
CONGESTED HOURS PER DAY*	13

\*Delays Exceeding User-Specified Maximum

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**MAY**  
Analyzed for 2009  
Construction Season

**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	191	0.0	1500	191	0	0.44	0	66.0	52.6	44.7
1-2 AM	129	0.0	1500	129	0	0.43	0	66.1	52.8	45.0
2-3 AM	155	0.0	1500	155	0	0.44	0	66.1	52.7	44.8
3-4 AM	151	0.0	1500	151	0	0.44	0	66.1	52.7	44.9
4-5 AM	253	0.0	1500	253	0	0.45	0	65.9	52.4	44.5
5-6 AM	692	0.0	1500	692	0	0.49	0	65.1	50.9	42.8
6-7 AM	1679	0.0	1499	1679	0	2.09	56	63.3	29.3	31.8
7-8 AM	2883	0.0	1499	1719	1164	16.37+	424	56.9	8.6	30.8
8-9 AM	2108	0.0	1500	1497	611	16.97+	431	62.5	8.6	30.8
9-10 AM	1781	0.0	1499	1498	283	16.96+	430	63.1	8.6	30.8
10-11 AM	1737	0.0	1499	1498	238	16.96+	430	63.2	8.6	30.8
11AM-NOON	1993	0.0	1499	1499	494	16.96+	431	62.7	8.6	30.8
NOON-1PM	2211	0.0	1499	1499	712	16.97+	431	62.3	8.6	30.8
1-2 PM	2141	0.0	1500	1499	642	16.97+	431	62.4	8.6	30.8
2-3 PM	2377	0.0	1499	1499	877	16.98+	432	62.0	8.6	30.8
3-4 PM	2890	0.0	1499	1509	1382	17.09+	442	56.9	8.4	30.8
4-5 PM	3265	0.0	1499	1500	1765	17.24+	451	53.0	8.4	30.8
5-6 PM	2883	0.0	1500	1496	1387	17.11+	442	56.9	8.4	30.8
6-7 PM	2080	0.0	1500	1498	582	16.97+	431	62.5	8.6	30.8
7-8 PM	1611	0.0	1500	1484	127	16.89+	428	63.4	8.6	30.8
8-9 PM	1197	0.0	1499	1197	0	11.14+	289	64.1	10.6	32.0
9-10 PM	1018	0.0	1500	1018	0	0.87	16	64.5	43.3	41.1
10-11 PM	794	0.0	1500	794	0	0.50	0	64.9	50.5	42.4
11PM-MID	493	0.0	1500	493	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	0.0111
MAIN ROUTE WITH WORKS	0.0063
'DIVERSION'	0.0072

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$118,453
CONGESTED HOURS PER DAY*	14

\*Delays Exceeding User-Specified Maximum

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**FRIDAY NORTHBOUND DIRECTION**

