

Traffic Level of Service

Design Year (Year 2035) Traffic Operations Roadway and Intersection Level of Service – PM Peak Hour

		Alternates								
		No Build	2-Lane Limited Intersection Improvements	2-Lane Full Intersection Improvements	2-Lane Off Alignment			4-Lane		
					Pebble Creek	CTH X/D	Golf Course East	Pebble Creek	CTH X/D	Golf Course East
Roadway Segment		CTH X/D	CTH X/D	CTH X/D	Pebble Creek	CTH X/D	Golf Course East	Pebble Creek	CTH X/D	Golf Course East
Meadowbrook Road (Rolling Ridge Drive to Northview Road)		E	C*	C*	C*	C*	C*	C	C	C
Meadowbrook Road (Northview Road to USH 18)		E	B*	B*	B*	B*	B*	C	B	C
CTH TT (USH 18 to Madison Street)		D	E	E	E	E	E	B	B	B
CTH TT (Madison Street to MacArthur Drive)		D	D	D	D	D	E	B	B	B
CTH TT (MacArthur Drive to CTH D)		D	D	D	D	D	D	B	B	B
CTH TT (CTH D to STH 59)					D		D	B		B
CTH D (CTH TT to CTH X)		E	E	E		E			B	
CTH X (CTH D to STH 59)		C*	C*	C*		C*			C	
STH 59 (CTH TT to CTH X)							C*			C
Intersections		Traffic Control								
CTH TT & USH 18		Traffic Signal	F 85	D 36	D 36	D 36	D 36	D 36	D 40	D 40
CTH TT & Fiddlers Creek Drive (Good Times Day Camp is operating)		Two-Way Stop	EB F >500	EB F >500	EB F 64	EB F 64	EB F 64	EB F 64	EB C 22	EB C 22
			WB F >500	WB F >500	WB F 47	WB F 47	WB F 47	WB F 47	WB C 17	WB C 17
CTH TT & Fiddlers Creek Drive (Good Times Day Camp is not operational)		Two-Way Stop	F >500	F 486	D 35	D 35	D 35	D 35	C 16	C 16
CTH TT & Kisdon Hill Drive		One-Way Stop	E 43	F 107	C 23	C 23	C 23	C 23	B 15	B 15
CTH TT & Madison Street		Traffic Signal	F 298 (All-Way Stop)	B 18	B 16	B 16	B 16	B 16	B 16	B 16
CTH TT & Kame Terrace		One-Way Stop	E 36	F 51	C 22	C 22	C 22	C 22	C 25	C 25
CTH TT & MacArthur Road		One-Way Stop	E 37	F 352	D 30	D 30	D 30	D 30	C 24	C 24
CTH TT & Green Lane		Traffic Signal						B 20		B 15
Merrill Hills Road & CTH D		Traffic Signal						B 19		B 18
CTH TT & CTH D		Traffic Signal	C 35	F 95	C 26	C 34	B 14		B 15	B 12
CTH D & CTH X		Traffic Signal	C 32	D 43	D 43		D 42		D 42	
CTH TT & STH 59		Traffic Signal						C 24		C 30
CTH TT & STH 59/CTH X		Traffic Signal				D 37			D 43	
CTH X & STH 59 (Current Location)		Traffic Signal	C 31	D 47	D 38		C 27	C 30	C 30	C 32
CTH X & STH 59 (Offset from CTH TT & STH 59 / CTH X)		Traffic Signal				B 15			B 18	

- Notes: 1) The letter A – F represent the level of service and the numerical number represents the average delay per vehicle.
 2) For the No Build and 2-Lane Alternates, an (*) denotes four-lane capacity.
 3) For traffic signals, the overall intersection level of service and delay are shown in the table.
 4) For stop controlled intersections, the minor street approach level of service and delay are shown in the table.