

Associated Phase	Direction	Movement	Traffic Signal													Pedestrian														
			Factors *(TEM 403-2)								Calculated (TEM 403-2)			Final Clearance			Ped Movement	Associated Phase	Crosswalk Length	Pushbutton Provided	Distance to Pushbutton from Curb (furthest of the two corners)	OMUTCD 4E.06-12 Walk Interval (4-7s TYP)	OMUTCD 4E.06-07 Calculated Ped Clearance		3 fps Checks (OMUTCD 4E.06, 01-14)				Final Ped Timing	
			Posted Speed Limit	Perception/Reactio N Time (1s TYP)	Yellow Change Approach Speed*	Red Approach Speed*	Deceleration Rate (10 fps TYP)	Width of Intersection*	Length of Vehicle (20 ft TYP)	Approach Grade	Yellow	Red	Y + R	Yellow	Red	Y + R									(L+P)/(3 fps) (NOTE: P=6 if NO Pushbutton)	Walk + Ped Change Intervals + Yellow	IS Y>=X?	Additional Walk Interval Required	Final Walk Interval	Final Ped Change Interval (FDW)
				t	V _Y	V _R	a	W	L	g	Y	R	TOTAL	Y (3-6s TYP)	R (1-6s TYP)	TOTAL									X	Y				
			MPH	SEC	MPH	MPH	FPS	FT	FT	%	SEC	SEC	SEC	SEC	SEC	SEC	FT			FT	SEC	SEC	SEC	SEC	SEC	SEC	SEC	SEC	SEC	SEC
1	SB LT	LEFT TURN	30	1	25	25	10	91	20	-0.5	2.9	2.0	4.9	3	2	5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	NB	THROUGH/RT	35	1	42	42	10	117	20	0	4.1	1.2	5.3	4.1	1.2	5.3	NB	2	71	YES	11	7	20.3	16.2	27.3	27.3	NO	0.0	8	17
3	EB LT	LEFT TURN	30	1	25	25	10	136	20	-0.75	2.9	3.2	6.1	3	3.2	6.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	WB	THROUGH/RT	35	1	42	42	10	136	20	0	4.1	1.5	5.6	4.2	1.5	5.7	WB	4	73	YES	10	7	20.9	16.7	27.7	27.9	YES	N/A	7	17
5	NB LT	LEFT TURN	30	1	25	25	10	84	20	0	2.8	1.8	4.6	3	2	5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	SB	THROUGH/RT	35	1	42	42	10	110	20	-0.5	4.1	1.1	5.2	4.1	1.2	5.3	SB	6	64	YES	9	7	18.3	14.2	24.3	25.3	YES	N/A	7	15
7	WB LT	LEFT TURN	30	1	25	25	10	134	20	0	2.8	3.2	6.0	3	3.2	6.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	EB	THROUGH/RT	35	1	42	42	10	130	20	-0.75	4.2	1.4	5.6	4.2	1.5	5.7	EB	8	91	YES	11	7	26.0	21.8	34.0	33.0	NO	1.0	8	22