

Yellow Change Interval for Through Movement

		Grade of Intersection (%)							
		0.05		0		-0.05		-0.1	
		ITE(s)	SHA(s)	ITE(s)	SHA(s)	ITE(s)	SHA(s)	ITE(s)	SHA(s)
Posted Speed (mph)	25	3.3	3.5	3.6	3.5	4.1	4	4.8	4.5
	30	3.6	3.5	4	4	4.6	4.5	5.4	5
	35	3.9	4	4.4	4	5	5	5.9	5.5
	40	4.2	4	4.7	4.5	5.4	5	6	6
	45	4.5	4.5	5.1	5	5.9	5.5	6	6
	50	4.8	4.5	5.5	5.5	6	6	6	6
	55	5.2	5	5.8	5.5	6	6	6	6
	60	5.5	5.5	6	6	6	6	6	6
	65	5.8	5.5	6	6	6	6	6	6

		Used speed for calculation	
		ITE	SHA
Posted speed (mph)	25	35	30
	30	40	35
	35	45	40
	40	50	45
	45	55	50
	50	60	55
	55	65	60
	60	70	65
	65	75	70

Variable

t= 1
a= 10

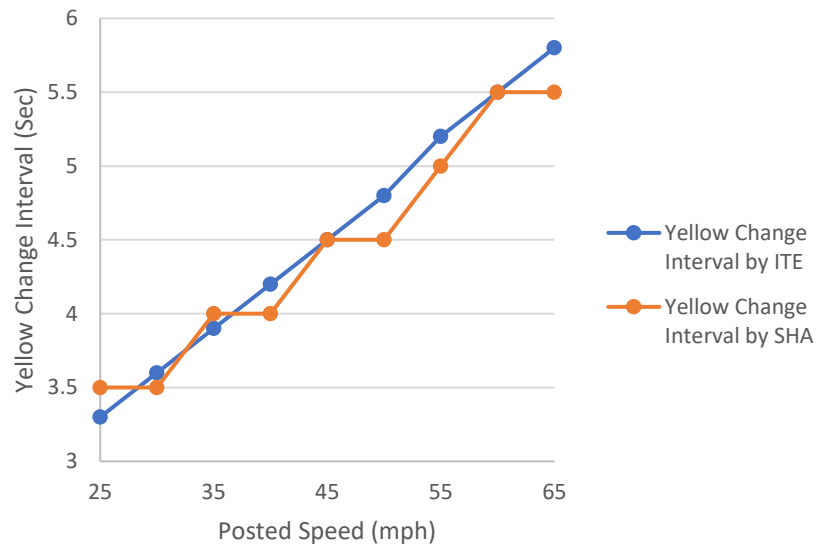
Min & Max Yellow Change I

	ITE	SHA
Min (s)	3	3.5
Max (s)	6	6

Used speed for calculation

ITE	speed + 7, round up to the nearest 5 mph inc
SHA	Posted speed + 5.

Yellow Change Interval for Through Movement with 5% Uphill



Yellow Change Interval for Through Movement

