

### All Red Clearance for Through Movement

		Intersection Width (ft)									
		60		80		100		120		140	
		ITE	SHA	ITE	SHA	ITE	SHA	ITE	SHA	ITE	SHA
Posted Speed Limit (mph)	20	1.9	2	2.3	2.5	2.8	3.5	3.2	4	3.7	4.5
	25	1.6	1.5	2	2	2.4	2.5	2.8	3	3.2	3.5
	30	1.4	1	1.8	1.5	2.1	2	2.4	2.5	2.8	3
	35	1.3	1	1.6	1	1.9	1.5	2.2	2	2.5	2.5
	40	1.1	1	1.4	1	1.7	1.5	2	1.5	2.2	2
	45	1	1	1.3	1	1.5	1	1.8	1.5	2	1.5
	50	1	1	1.2	1	1.4	1	1.6	1	1.9	1.5
	55	0.9	1	1.1	1	1.3	1	1.5	1	1.7	1

		Used speed for calculation	
		ITE	SHA
Posted speed (mph)	20	30	20
	25	35	25
	30	40	30
	35	45	35
	40	50	40
	45	55	45
	50	60	50
	55	65	55

#### Variable

t\_s= 0  
L = 20

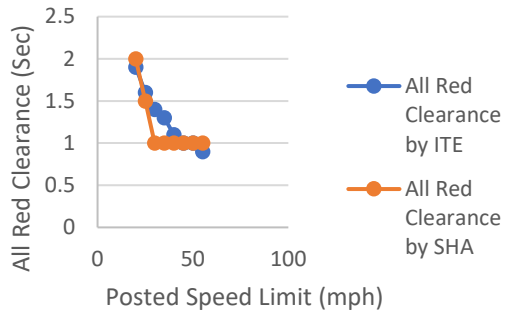
#### & Max Yellow Change Int

	ITE	SHA
Min (s)	N/A	1
Max (s)	N/A	N/A

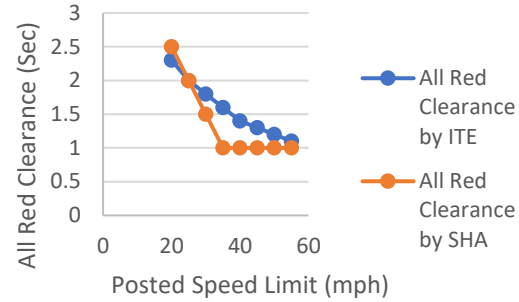
#### Used speed for calculation

ITE	d, same as approach speed for through movement (Posted speed limit + 7, round up to the next integer)
SHA	The posted speed limit

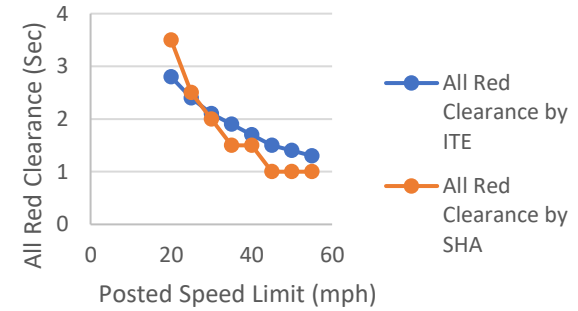
All Red Clearance for Through Movement with Intersection Width 60ft



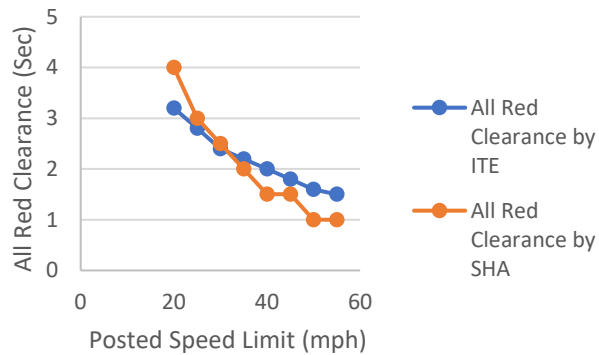
All Red Clearance for Through Movement with Intersection Width 80ft



All Red Clearance for Through Movement with Intersection Width 100ft



All Red Clearance for Through Movement with Intersection Width 120ft



All Red Clearance for Through Movement with Intersection Width 140ft

