

PATA 704

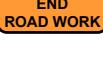
11. All signal heads shall flash red while the TTC signal operates in flashing mode.
12. Additional signs and devices shall be installed as required in Publications 212, 213, actual site conditions and as identified on an approved Traffic Control Plan.
13. Signal modules must be replaced in accordance with the manufacturers' recommendations, and a record of the change must be maintained by the user.
14. In the event of TTC signal failure, traffic must be controlled by flaggers or work must cease and the roadway reopened until adequate TTC can be reestablished.
15. All deficiencies will be subject to work zone liquidated damages as referenced in Publication 408, Section 108.07 unless the portable TTC signals are controlled by a State Agency.
16. PennDOT reserves the right to inspect each portable TTC signal. PennDOT also reserves the right to revoke a TTC Signal Permit or to suspend operation of the portable TTC signal if the user willfully or negligently fails to comply with the conditions contained in Note 1 or fails to make any changes in the operation of the signal, or remove it, when so ordered by PennDOT. The user shall not make any change in operation of the TTC signal as defined in the TTC Signal Permit without prior written approval of PennDOT.

All-Red Clearance Interval (See Note 8)			
Length of One-Lane Two-Way Traffic Section between STOP HERE ON RED SIGN signs (FT)	Require Minimum Length of All-Red Clearance Interval (Seconds)		
	15 MPH	20 MPH	25 MPH
1000	45	34	27
950	43	32	26
900	41	31	25
850	39	29	23
800	36	27	22
750	34	26	20
700	32	24	19
650	30	22	18
600	27	20	16
550	25	19	15
500	23	17	14
450	20	15	12

Signal Face Visibility (See Note 4)	
Normal Speed Limit (MPH)	Minimum Visibility Distance (FT)
25	215
30	270
35	325
40	390
45	460
50	540
55	625

Sign Spacing and Channelizing Device Spacing			
Speed	Channelizing Devices Spacing	Sign Spacing	
		Urban	Rural
S (MPH)	2S (Feet)	A (Feet)	A (Feet)
25	50	100 - 200	500 - 800
30	60	100 - 200	500 - 800
35	70	100 - 200	500 - 800
40	80	350 - 500	500 - 800
45	90	350 - 500	500 - 800
50	100	350 - 500	500 - 800
55	110	350 - 500	500 - 800

Taper Lengths and Minimum Number Of Channelizing Devices		
Speed	50' Per Lane Taper	
S (MPH)	Length (Feet)	Minimum Number Of Devices
25	50	6
30	50	6
35	50	6
40	50	6
45	50	6
50	50	6
55	50	6

Signs				
				
W20-1	W20-4	W3-3	G20-2	R10-6AL