

APPENDIX D

Spacing of Signalized Intersections for Various Progressive Speeds and Cycle Lengths

Cycle Length (sec.)	Speed (mph)						
	25	30	35	40	45	50	55
	Distances in Feet (Meters)						
60	1,100 (335)	1,320 (400)	1,540 (470)	1,760 (535)	1,980 (605)	2,200 (670)	2,430 (740)
70	1,280 (390)	1,540 (470)	1,800 (550)	2,050 (625)	2,310 (705)	2,500 (760)	2,640 (805)
80	1,470 (450)	1,760 (535)	2,050 (625)	2,350 (715)	2,640 (805)	2,640 (805)	2,640 (805)
90	1,630 (495)	1,980 (605)	2,310 (705)	2,640 (805)	2,640 (805)	2,640 (805)	2,640 (805)
120	2,200 (670)	2,640 (805)	2,640 (805)	2,640 (805)	2,640 (805)	2,640 (805)	2,640 (805)
150*	2,640 (805)	2,640 (805)	2,640 (805)	2,640 (805)	2,640 (805)	2,640 (805)	2,640 (805)

*Represents maximum cycle length for actuated signal if all phases are fully used.