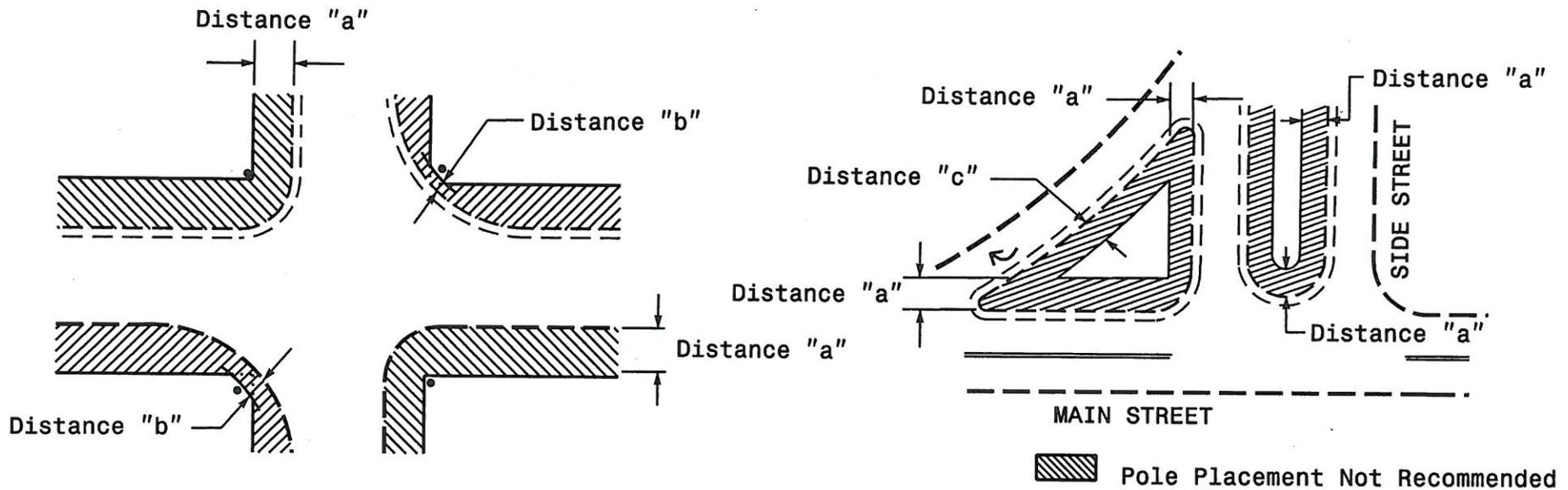


Clear Zone Distances for Pole Placement



Design Speed MPH (km/h)	Distance "a"		Distance "b"		Distance "c"		
	Distance from Face of Curb ft (m)	Distance from EOP ft (m)	Face of Curb ft (m)	EOP ft (m)	Side St. Speed MPH	Distance from Face of Curb ft (m)	Distance from EOP ft (m)
≤40 (64)	12 (3.5)	14 (4.0)	7 (2.0)	10 (3.0)	≤40	7 (2.0)	7 (2.0)
					45-50	7 (2.0)	7 (2.0)
					≥55	10 (3.0)	12 (3.0)
45-50 (72-80)	16 (5.0)	18 (5.5)			≤40	7 (2.0)	7 (2.0)
					45-50	10 (3.0)	12 (3.5)
					≥55	12 (4.5)	14 (4.5)
≥55 (88)	22 (6.5)	22 (6.5)			≤40	7 (2.0)	7 (2.0)
					45-50	10 (3.0)	12 (3.5)
					≥55	12 (3.5)	14 (4.5)

Note 1: When traffic signals are installed on high-speed facilities, the signal supports should be placed as far away from the roadway as practical.

Note 2: Painted islands should not be used for pole locations unless a method of protection is provided (such as a guardrail).

Distances are the desired minimum from the face of pole

Reference: "Roadside Design Guide" 2002 AASHTO

Standard Pole Placement

SIGNALS & GEOMETRICS SECTION
TRAFFIC ENGINEERING AND SAFETY SYSTEMS BRANCH
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

7-04

STD. NO.
10.0
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