

☐ SIGN LIGHTING

☐ HIGHWAY LIGHTING

COUNTY: \_\_\_\_\_ TOWNSHIP: \_\_\_\_\_

S.R.: \_\_\_\_\_ SECT.: \_\_\_\_\_ PROJECT NO.: \_\_\_\_\_

TEST PERFORMED BY: \_\_\_\_\_

TEST WITNESSED BY: \_\_\_\_\_

INSPECTOR IN CHARGE: \_\_\_\_\_

SEE PUB 408, SECTION 910.3 (U) PROVIDE RESISTANCE TO GROUND OF ALL CONDUCTORS NOT LESS THAN SHOWN.  
PROVIDE RESISTANCE BETWEEN CONDUCTORS NOT LESS THAN TWO TIMES THE VALUES SHOWN.

DATE _____ SUPPLY POLE _____ CIRCUIT CO. _____ CABLE TYPE _____ TEMPERATURE _____	CABLE TYPE	Min MEGOHMS RESISTANCE *		
		5.23-13.3 mm2 (AWG 10-6)	21.1-42.5 mm2 (AWG 4-1)	53.4-67.5 mm2 (AWG 1/0-2/0)
	Cross-linked Polyethylene RHW, RHH, USE	2000	1500	1300
	Cross-linked Polyethylene XHHW	1600	1100	900
	Rubber Neoprene RHW	500	350	500
	PVC Without Jacket THW	140	120	100

\* GIVEN PER 305m (1000 ft) AT 15.6 ° C (60° F)

SOIL CONDITIONS: ☐ DRY ☐ NORMAL ☐ SATURATED

TYPE INSTALLATION: ☐ DIRECT EARTH BURIAL ☐ NON-METALLIC CONDUIT ☐ METALLIC COUDUIT

SOIL CLASSIFICATION: \_\_\_\_\_

ISOLATE THE NEUTRAL CONDUCTOR FROM GROUND AND LOAD CONNECTIONS. ISOLATE THE UNDERGROUND CONDUCTORS FROM LOAD CONNECTIONS FOR THIS TEST.

TEST CONDUCTORS IN EACH CIRCUIT AT SUPPLY LOCATION. THE CONDUCTORS SHALL BE MADE CONTINUOUS BY CONNECTING AT EACH SPLICE LOCATION.

USE ONE TEST SHEET FOR EACH CIRCUIT.

CABLE TYPE	RESISTANCE MEGOHMS	COMMENTS
Conductor 1 to Ground		
Conductor 2 to Ground		
Neutral to Ground		
Conductor 1 to Neutral		
Conductor 2 to Neutral		
Conductor 1 to Conductor 2		