Part 1 General

1.1 RELATED REQUIREMENTS

.1 Section 26 05 00 - Common Work Results for Electrical.

1.2 SUBMITTALS

.1 Submittals in accordance with Section 01 33 00 - Submittal Procedures.

.2 Manufacturer’s instructions, printed product literature and data sheets for communications equipment and include product characteristics, performance criteria, physical size, finish and limitations.

Part 2 Products

2.1 TELEPHONE WIRE

.1 Heavy-Duty Drop Wire: 3 No. 14 AWG solid hard-drawn copper, lead-coated, brass-plated conductors with styrene butadiene rubber insulation, neoprene jacket twisted into triple, designed to connect open wire line to cable terminals.

.2 Service Wire: not applicable.

.3 Underground Wire: not applicable.

.4 Ground Wire: 1 No. 10 AWG solid annealed copper conductor with polyvinyl chloride insulation designed for ground connections to protect cable terminals and protectors.

Part 3 Execution

3.1 EXAMINATION

.1 Verification of Conditions: verify that conditions of substrate previously installed under other Sections are acceptable for communications equipment installation in accordance with manufacturer’s written instructions.

.1 Visually inspect substrate in presence of Departmental Representative.

.2 Inform Departmental Representative of unacceptable conditions immediately upon discovery.

.3 Proceed with installation only after unacceptable conditions have been remedied and after receipt of written approval to proceed from Departmental Representative.

3.2 INSTALLATION

.1 Install telephone wires on pole line by:

.1 Stringing conductors over cross arms.

.2 Fasten conductors to insulators on first pole.

.3 Tighten conductors to achieve correct sag.

.4 Fasten conductors progressively to insulators on poles until last pole in run is reached.

.2 Install telephone drop wires from pole lines to buildings using drop wire hooks and cable clamps at pole and at building.

.3 Install aerial-armoured cables on pole lines by:

.1 Anchoring cable to first pole.

.2 Stringing cable along pole line.

.3 Tightening cable to achieve correct sag using either pulling eyes or wire rope sockets to protect outer sheath.

.4 Anchoring cable progressively to each pole until last pole is reached.

3.3 PROTECTION

.1 Protect installed products and components from damage during construction.

.2 Repair damage to adjacent materials caused by communications equipment installation.

END OF SECTION