### THREE CELL FABRIC INNERDUCT

Updated: 01/03/2021

Description

This work shall consist of providing and installing a detectable 3-cell fabric innerduct within existing and proposed conduits as shown on the plans.

Materials

Fabric innerduct shall contain three individual cells each capable of housing cables up to 1.3” diameter cables. Fabric innerduct shall be sized to be placed in a 4” or larger conduit. Fabric innerduct shall be constructed of a flexible nylon-6 resin polymer material meeting UL 2024A standards for Optical Fiber Communications raceways. Innerduct material shall be factory lubricated. When specified for installation in smaller than 4” conduits, an appropriately sized innerduct system may be approved by the engineer.

Pull Tape: Pull tape shall be constructed of synthetic fiber and shall be pre-installed within each innerduct cell. Pull tape shall have sequential footage marks every 5 feet. Pull tape must be color coated to differentiate between cells.

Fabric Innerduct shall be installed in accordance with manufactures guidelines. Minimum 3 feet of slack required in each handhole on each end of a conduit run. The Fabric Innerduct shall be secured to the handhole in accordance with manufacturers guidelines.

Basis of Payment

This work will be paid for at the contract unit price per FOOT for THREE-CELL FABRIC INNERDUCT which price shall include all equipment, labor, and materials necessary to complete this work as specified including mounting hardware and terminating connectors.