**ITEM 632 (COMBINATION) SIGNAL SUPPORT, (by type), (BY design), AS PER PLAN**

**ITEM 632 (COMBINATION) STRAIN POLE, TYPE 4170, (BY DESIGN), AS PER PLAN**

Traffic signal POLES shall be per scd *(Insert one or more as applicable: 4120, 4121, 4170).*

in addition to the requirements of 732.11 AND 732.12, The following shall ALSO apply:

The top finish coat of paint shall Have a minimum 5-year repair warranty of coating delamination, blistering, or corrosion.

Union Metal structures shall be either powder-coated with the Thomarios powder-coating system or wet-coated with the SRT wet-coat system.

Valmont steel structures shall be either powder-coated with finish specification F-573 dated 4-11-07, which includes epoxy powder prime coat and Pentabond powder finish coat or shall be wet-coated with manufacturer recommended equivalent wet-coat paint system.

Millerbernd structures shall be wet-coated with the Millerbond painting system designed for use on carbon, stainless steel, aluminum, and galvanized pole products, which includes a dual-cure chemistry organic zinc rich urethane base primer coat and dual-cure chemistry i2 polyaspartic aliphatic polyurea finish coat.

All coating systems shall meet the minimum requirements of ODOT Supplemental Specification 916 – Standard Performance Based Paint Processes For Light Poles, Sign Supports And Traffic Supports For Wet-Coat Systems.

This item of work shall be measured as each complete signal support or strain pole in place in essentially a vertical position under full plan loading. All labor, equipment, and materials necessary to purchase, transport, store, erect, adjust, and repair the signal support or strain pole shall be included for payment in the bid item.

Payment shall be as per Item 632. 3/16/20