

ITEM NO. 9000-0024 - ORNAMENTAL LIGHTING POLE AND 6' BRACKET ARM**DESCRIPTION -**

This work consists of furnishing and installing ornamental lighting pole, arm and scroll at the locations indicated on the contract drawings and in accordance with these specifications.

MATERIAL -

The materials used will conform to the City of Pittsburgh Policies and Standards for Street Lighting.

The lighting poles and arms will be Union Metal Company Steel 30' Octaflute lighting and 6' post mounted bracket arm scroll and 2 removable banner brackets, Drawing No. 401-B149-MOD.-30', supplied by M.B. Squires Company, or 30' round tapered sharp flute "8S" Series Lighting Pole and 6' post mounted bracket arm by Valmont Industries, Design No. FLC30 on Drawing PA426598. See detail of Ornamental Lighting Pole, Arm and Clamp-on Brackets on plans.

Poles, arms, and scrolls will be hot dipped galvanized to ASTM A123, and lightly sand (brushed) blasted. Prime coat 3-5 mils D.F.T. with Sherwin Williams recoatable epoxy primer or equal. Finish coat 2-3.5 mils D.F.T. using Sherwin Williams polyurethane high solids or Con-Lux Multi Mil or equal. Color is Gloss Black. See detail Ornamental Lighting Pole and Arm on plans.

Provide weatherproof, lockable in use GFCI receptacle on pole shaft.

CONSTRUCTION -

Furnish and install the wiring from the luminaires to hand hole. The wiring is to consist of #10 copper AWG minimum 600 volt rated, of the type and length required. An in-line waterproof fuse holder, with a 20-amp fuse is also required.

All pole shafts and arms are to be protected against injury in shipment by wrapping and crating as recommended by the manufacturer.

Set lighting poles directly on the foundations. Leveling will be done by the use of stainless steel shims. Leveling nuts will not be accepted.

Furnish to the Director for approval eight (8) copies of detailed drawings for Lighting Poles and Arms. Submit these shop drawings to the Director within fifteen (15) days after award of the contract. Samples of the materials and equipment may be requested by the Director. Supply these materials and equipment at no additional payment.