

ITEM 615.2402 10 CANOPY

DESCRIPTION

This work shall consist of fabricating, furnishing and installing the Canopy in accordance with the contract documents and as directed by the Engineer.

MATERIALS

Materials for this work shall meet the requirements of the following subsections of NYSDOT Standard Specification:

Portland Cement Concrete	501
Structural Concrete	555-2
Aggregates	703-02
Masonry Units	704
Standard Paint Color	708-05
Paint for Galvanized Surfaces	708-06
Structural Steel	715-01
Stainless Steel Connecting Products	715-16
Galvanized Coating and Repair Methods	719-01

Cover Plates, Connection Plates, Rods, Cables, shall meet the requirements of ASTM A36

The Canopy plans and details depict the intent and character for the facility desired by the State. The Contractor shall use these plans and details to coordinate the final design of the Canopy by the Manufacturer. Acceptable Manufacturers reputed to have similar products in their respective lines and the ability to develop a custom item that meets the State's intent for this specification are listed as follows:

Icon Shelter Systems Inc.
1455 Lincoln Ave.
Holland MI 49423
(800) 748-0985
www.iconselters.com

US Pre Fab
6525 W State Ave
Glendale, AZ 85301
(866) 799-0969
www.usprefab.com

Litchfield Industries
206 Adamson Industrial Blvd.
Carrollton, GA 30117
(800) 542-5282
www.landscapelements.com

ITEM 615.2402 10 CANOPY

or equal as approved by the Regional Landscape Architect.

Canopy shall be completely pre-engineered and shop fabricated prior to delivery to the site. Design shall be provided by the Manufacturer and signed and sealed by a Professional Engineer, registered in the State of New York. All pertinent design calculations and shop drawings shall be reviewed and approved by the Engineer-In-Charge and the Regional Landscape Architect (EIC/RLA) prior to fabrication. This includes the snow and wind loading requirements that meet the local building code requirements where the canopy is constructed. Canopy shall be fabricated in strict accordance with the plans, details, and approved shop drawings. All welding shall be in conformance with New York State Department of Transportation Standard Specification, "Materials and Methods of Construction". All welds shall be ground smooth and spot primed immediately after welding in the shop with a protective zinc-rich metal primer. See the plans and details for the Federal Color of the structure elements.

The Contractor shall provide the design for the footings/foundation required to support the approved Canopy structure. The foundation design shall be conducted and sealed by a Professional Engineer registered in the State of New York. The Contractor shall submit the calculations and design drawings for the footings/foundation to the EIC/RLA for review and approval prior to fabrication of the Canopy or ordering of any material for the construction of footings/foundation. Soil boring information for the project is available to the Contractor/Bidder upon request.

All submittals shall be in accordance with the requirements issued by NYSDOT. The Contractor shall submit the following to the Engineer:

Five (5) copies of shop drawings shall be sent to the EIC/RLA for approval. Shop drawings shall include complete details of canopy construction including dimensions, layout, height, post and anchor spacing, and connections between all elements and footings and footing/foundation design.

Prior to start of work, the Contractor shall submit one section of elements of each specified color, material and finishing to the EIC/RLA for approval.

The Contractor shall submit certification that the materials used comply with this specification.

CONSTRUCTION DETAILS

Prefabricated Canopy shall be installed true to location and grade as shown on the contract documents or as directed by the EIC/RLA.

Touch-up & Repair will be required for minor damage at abrasions sustained during transportation and installation.

ITEM 615.2402 10 CANOPY

METHOD OF MEASUREMENT

This work will be measured as the number of canopies satisfactorily furnished and installed complete and including all footings/foundation work.

BASIS OF PAYMENT

The unit price bid shall include the cost of furnishing all labor, materials, and equipment necessary to satisfactorily complete the work.

DISAPPROVED BY EI 12-001