

ITEM 10615.1241 M - OSPREY NESTING STRUCTURE

DESCRIPTION

Under this item the Contractor shall be required to furnish and install the Osprey Nesting Structure at the location indicated in the plans, table or where directed by the Engineer.

MATERIAL

Unless otherwise approved, the following shall apply:

Lumber. All lumber shall be in accordance with Subsection 712-13. Surface dried redwood, cedar or cypress may be used untreated. Other lumber shall be pressure treated in accordance with Section 708-31, Wood Preservative-Water Borne. Bituminous and oil based preservative treatments will not be permitted.

Bolts, Nuts, and Washers. Bolts, nuts and washers shall be galvanized in accordance with Subsection 719-01 Type II. Bolts shall be ASTM F568 Class 4.6, nuts shall be ASTM A563M and washers shall be ASTM F844.

Wire Mesh. Wire mesh shall be 25 mm by 50 mm heavy duty wire mesh. The wire mesh shall be galvanized in accordance with Subsection 719-01 Type I.

Nails. Nails shall be 16D galvanized.

Lag Screws. Lag screws shall be ASTM F568 Class 4.6 and shall be galvanized in accordance with Subsection 719-01 Type II.

Sheet Metal. Sheet metal shall ASTM A606. Sheet metal shall be hot-dip galvanized in accordance with Subsection 719-01 Type IV.

Pole. The pole shall be Southern Pine and meet the requirements of ANSI O 5.1 Class 4. The pole shall be given a preservative treatment using CCA, in accordance with Subsection 708-31. The Regional Landscape Architect will review for approval any deviations from the specification when using a used utility pole.

CONSTRUCTION DETAILS

All equipment used in the digging and pole installation shall be subject to approval of the Regional Environmental Representative and/or the Regional Landscape Architect.

- A. Osprey Nesting Structure Design:
The construction of the Osprey Nesting Structure shall as shown in the contract drawings. Alternate Designs may be submitted to the E.I.C. for approval the Regional Environmental representative and/or the Regional Landscape Architect.
- B. Color of Box:
Osprey Nesting Structure shall not be painted.
- C. Post Installation:
The 12.2 m wood pole shall be erected plumb in a hand dug or hand augured hole at the location shown in the contract plans, or tables, or as directed by the Engineer in charge. The wood pole shall be hand dug or hand augured into the ground 1.8 m in depth. The area around the pole shall be

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backfilled with suitable material and thoroughly compacted to the satisfaction of the Engineer. The Contractor shall restore, in kind, all areas which were disturbed by the pole installation operation. The completed Osprey Nesting Structure must have the approval of both the Engineer-in-Charge and the Regional Environmental representative and/or the Regional Landscape Architect.

To prevent splitting pre-drill all nails and bolt holes. The Contractor shall wire several sticks onto the nest to promote a simulated nesting site. The sticks shall be native debris from the nesting site and to the local area.

METHOD OF MEASUREMENT

This item will be measured as the number of Osprey Nesting Structures furnished and installed.

BASIS OF PAYMENT

The unit price per Osprey Nesting Structure shall include the cost of furnishing all labor, equipment and material necessary to complete the work. The Contractor will be paid 80% of the bid price upon the installation of the Osprey Nesting Structure and the remaining 20% upon the completion of the project or Period Of Establishment, whichever is longer.

DISAPPROVED
BY EI 12-001