

**ITEM 04615.0401 M - TREE PROTECTION BARRIER (EA.)**

**ITEM 04615.0402 M - VEGETATION PROTECTION BARRIER (M)**

**DESCRIPTION:** This work shall consist of furnishing and installing tree protection barriers or vegetation protection barriers of the type and at the locations shown in the plans or where directed by the Engineer.

**MATERIALS:** Materials for tree/vegetation protection barriers shall conform to the following requirements and AOB.

- \* Orange plastic barrier fence
- \* Steel post
- \* #14 gauge steel wire

DISAPPROVED  
BY EI 12-001

**CONSTRUCTION DETAILS:** The tree or vegetation protection barriers shall be erected prior to moving construction equipment onto the site where the trees or vegetation are located.

For tree protection barriers, lay out a square around the tree with the trunk centered in the square as noted in the plan detail. Drive a steel post normal to the ground at each corner, and at the midpoint of each side, to a depth 1/3 of the total post length.

For vegetation protection barriers, lay out the line of barriers as shown on the plans. Drive steel posts normal to the ground to a depth 1/3 of the total post length. Posts shall be spaced on center as shown on the plan detail.

Place the orange plastic fence along the side of all posts. Ends of fencing shall overlap a distance that is one half the fence height. Secure overlap with wire.

Secure fence to post with wire at top, middle and bottom of post. Wire shall be tight enough to prevent the fence from slipping down.

Maintenance shall commence immediately after erection of the tree/vegetation protection barrier and continue until one week prior to acceptance of the contract. The barrier shall not be temporarily removed to allow equipment access thereby passing over protected area. Maintenance shall consist of replacing damaged post(s), fence and tightening fence.

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**METHOD OF MEASUREMENT**

- A. Tree Protection Barrier. This work will be measured as the number of tree protection barriers erected.
- B. Vegetation Protection Barrier. This work will be measured as the number of linear meters of barrier erected, measured along the top of the barrier erected.

**BASIS OF PAYMENT:** The unit price bid for each tree protection barrier shall include the cost of furnishing all labor, materials, and equipment necessary to satisfactorily complete the work.

The unit price bid per linear meter of vegetation protection barrier shall include the cost of furnishing all labor, materials, and equipment necessary to satisfactorily complete the work.