

## **ITEM 615.0407NN01 - TREE GRATE WITH FRAME**

### **DESCRIPTION:**

This work shall consist of furnishing and installing a tree grate with frame as shown as in the contract documents and as directed by the Engineer.

The tree grate(s) furnished and installed under this pay item is identified in a special note titled “*Tree Grate with Frame*” in the contract documents.

### **MATERIALS:**

The tree grate installed shall be from one of the following manufacturers:

Ironsmith  
41-701 Corporate Way #3  
Palm Desert, CA 92260  
800.338.4766  
[www.ironsmith.cc](http://www.ironsmith.cc)

Neenah Foundry  
2121 Brooks Avenue  
Neenah, WI 54956  
800.558.5075  
[www.nfco.com](http://www.nfco.com)

Urban Accessories  
465 East 15<sup>th</sup> Street  
Tacmoa, WA 98421  
877.487.0488  
[www.urbanaccessories.com](http://www.urbanaccessories.com)

EJ  
301 Spring Street  
East Jordan, MI 49727  
800.874.4100  
[www.ejco.com](http://www.ejco.com)

South Bay Foundry  
9444 Abraham Way  
Santee, CA 92071  
619.956.2780  
[www.southbayfoundry.com](http://www.southbayfoundry.com)

or equal, as approved by the Engineer.

Model numbers, names and/or styles, along with any other material requirements shall be identified in a special note titled, “*Tree Grate with Frame*” in the contract documents.

The tree grate shall have a maximum slot opening size of 13 mm, unless otherwise specified in the contract documents.

The frame, anchor bolts and connecting fasteners shall be supplied by the same manufacturer as the grate.

Finish (paint) on either component shall NOT be required unless otherwise specified.

### **CONSTRUCTION DETAILS:**

The Contractor shall install frame, grates, anchor bolts, and connecting fasteners as per the manufacturer’s recommendations.

Frames and grates shall be placed true to line and grade. Frames and grates shall make firm, full and even bearing on their respective underlying surfaces and shall be non-rocking under the influence of load. The grate frame shall be anchored into the adjacent paving or curbing.

All other construction details, as necessary, shall be included in the special note titled, “*Tree*”

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Grate with Frame” in the contract documents.

**Submittals:**

Unless specified otherwise, the Contractor shall submit:

1. plans, elevations, sections and attachment details for each tree grate furnished and installed with this specification, and
2. the details of the assemblies, including dimensions, installation methods (including mounting) and installation components.

**METHOD OF MEASUREMENT:**

The work will be measured as the number of each tree grate with frames installed in accordance with the contract documents.

**BASIS OF PAYMENT:**

The unit price for each tree grate with frame shall include the cost of furnishing all necessary labor, materials and equipment to satisfactorily complete the work.

Payment will be made under:

<b>Item Number</b>	<b>Item Description</b>	<b>Pay Unit</b>
615.04070101	Tree Grate with Frame, Type 1	Each
615.04070201	Tree Grate with Frame, Type 2	Each
615.04070301	Tree Grate with Frame, Type 3	Each
615.04070401	Tree Grate with Frame, Type 4	Each