

ITEM 488. **POROUS RUBBER SURFACE AT TREE PIT** **SQUARE FOOT****GENERAL**

The work shall include installation of porous rubber surfacing at all tree pit locations within the project area. Work shall conform to the following:

Tree pit locations shall be as shown on the Contract Drawings. Porous rubber surfacing shall be installed at both new trees in tree pits and existing trees in tree pits. Existing trees in lawn strips shall not receive porous rubber surfacing. New trees in plant beds shall not receive porous rubber surfacing.

SUBMITTALS**Manufacturer's Literature**

Submit manufacturer's literature for the rubber surfacing, including descriptions of all components (e.g., source of rubber material, aggregate, binder), and manufacturer's literature for filter fabric.

Color Samples – Manufacturer's color chart showing full range of colors available.

MATERIALS**Porous Rubber Surfacing**

Porous rubber surfacing shall be a flexible porous paving system consisting of recycled rubber, aggregate base, and urethane binder. Surfacing shall have a minimum porosity of 2,000 gallons per square foot per hour. Porous rubber surfacing shall be a complete system as supplied by one of the following manufacturers or approved equal:

1. KBI Flexi-Pave HD2000 as manufactured by K.B. Industries, Inc., 4600 140th Avenue North, Suite 200, Clearwater, FL 33762, (727) 723-3300, <https://apaicorp.com/flexi-pave.htm>.
2. **perkEpave** Walk, Run, Tree Surrounds as manufactured by **PerkEPave**, LLC, Pottstown, PA 19464, (215) 316-6383, <https://perkepave.com/>.
3. Capitol Flexi-Pave Rubber/Stone Pavement as manufactured by Capitol Flexi-Pave, LLC, 39024 East Colonial Highway, Hamilton, VA 20158, (202) 760-1099, www.capitolflexipave.com.

Porous Rubber Surfacing Material Mix

All materials, components, and compounds shall be 100% sourced and manufactured in the United States. Materials shall conform to the following:

Rubber – Rubber component of surfacing shall be from recycled passenger vehicle tires. Rubber shall be ground to 1/4-inch nominal size with all wire remnants removed.

Aggregate – Triple-washed & kiln dried 1/8" to 3/8" crushed granite per ASTM C 33.