**USP870 (01-01-21)**

***(Follow all instructions. If there are no instructions above a subsection, paragraph, sentence or bullet, then include them in the project but make necessary modifications to only include project specific specifications. Delete specifications that do not apply to the project. Remove all instructions before preparing the final document.)***

***(Use the following when rubber speed bumps are included in project.)***

## Section 00870 – Rubber Speed Bumps

Section 00870, which is not a Standard Construction Specification, is included in this project by special provision.

**Description**

**00870.00 Scope** - This work consists of furnishing and installing rubber speed bumps as shown in the Contract Documents or directed.

**Materials**

**00870.10 Materials** – Furnish the following materials:

* Rubber speed bump: recycled black rubber with molded yellow rubber stripes, 54-inch long section, 14-inch wide, 2.25-inch high, with molded-in cat eye reflectors. Two (2) end caps for rubber speed bump: eight (8)-inch long section, 14-inch wide, 2.25-inch high. Tree Top Products or approved equal.
* Anchor Hardware: Impact Recovery Systems Anchor Kit (#IM-ANCHOR-KIT) or approved equal, includes four (4) each: six (6)-mm x three (3)-inch plastic sleeve, (1/2)-inch x four (4)-inch lag screw, (1-1/4)-inch metal washer.

Submit product specifications to the Owner’s Representative prior to installation.

**Construction**

**00870.40 General** - Install speed bumps, as shown, using anchor hardware, steel connecting rods, and recycled rubber material only.

**00870.44 Speed Bump Layout** -Layout of speed bumps shall be the responsibility of the Contractor. Do not proceed with installation until the layouts are approved by the traffic engineer. A request to approve the speed bump layout must be submitted to the Owner’s Representative a minimum of three (3) working days prior to the planned installation.

**00870.45 Installation** – Install speed bumps on clean dry pavement surfaces and according to the following:

* Surface Preparation – Clean installation area per manufacturer’s specifications.
* Hardware – Refer to anchor kit manufacturer’s installation instructions.
* Assembly – Assemble speed bump per manufacturer’s specifications.
* Do not install on a pavement joint or crack.

**Measurement**

**00870.80 Measurement** - The quantities of speed bumps will be measured on the unit basis, by actual count. The quantities of hardware and all appurtenances are included in the unit count of speed bumps.

**Payment**

**00870.90 Payment** - The accepted quantities of work performed under this Section will be paid for at the Contract unit price, per unit of measurement, for the following items:

**Pay Item Unit of Measurement**

1. Rubber Speed Bump……………………………………………………...Each

Item (a) includes rubber speed bump, end caps, and hardware.

Payment will be payment in full for furnishing and placing all materials, and for furnishing all equipment, labor, and incidentals necessary to complete the work as specified.

No separate or additional payments will be made for preparation work or cleaning up.