

ITEM 202.0701--25 - REMOVAL AND REPLACEMENT OF EXISTING FENDER TIMBER ON THE SCAJAQUADA EXPRESSWAY (I-198)

1. DESCRIPTION:

- 1.01 Under this item, the Contractor shall remove and replace the existing fender timber at various locations along the fascia of Ramp "C" to the Scajaquada Expressway (I-198) to facilitate access for concrete repairs.

2. MATERIALS:

- 2.01 All timbers being replaced shall be [REDACTED] meeting the requirements of [REDACTED].
[REDACTED] All timber shall be treated in accordance with [REDACTED].
- 2.02 All Structural Steel Plates shall meet the requirements of [REDACTED].
- 2.03 Fasteners such as spikes, nails, screws, timber connectors, bolts, lag screws, nuts and washers shall meet the standard industrial fastener specifications for the intended application.
- 2.04 The timber fender pier protection system and connecting hardware shall be of the size and style as shown on the Contract Plans.
- 2.05 All straps and connecting hardware shall be galvanized.
- 2.06 The materials for this work shall the requirements of the following Subsections:



3. CONSTRUCTION DETAILS:

- 3.01 The Contractor shall remove the first row of the timber fender system adjacent to the fascia of Ramp "C" to the Scajaquada Expressway (I-198) as indicated on the plans.
- 3.02 Anchor bolts inside sleeves in the concrete fascia, steel straps and clip angles that are in good condition, and can be reused for the new fender timber, shall be removed and stored for possible reuse. The Engineer shall approve all materials for reuse. Anchor bolts, steel straps and clip angles removed by the Contractor and not approved by the Engineer for reuse, shall be replaced. Anchor bolts that cannot be removed from the concrete fascia shall be cut flush to the wall, and a new anchor installed at a location approved by the Engineer.
- 3.03 Marine growth affecting the replacement of the fender timber shall be removed immediately prior to replacement to the satisfaction of the Engineer. Existing timber fenders, anchor bolts, tie rods, hardware and other materials removed and not reused shall become the property of the Contractor.
- 3.04 Prior to installation, all timber shall be examined for the following defects: shakes, holes, knots, checks, splits, decay and twist. Any piece of timber exhibiting any one of these foregoing defects shall be subject to rejection by the Engineer. Timber rejected by the Engineer for reuse shall be replaced with new timber of similar dimensions.

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4. METHOD OF MEASUREMENT:

4.01 Payment will be made at the Lump Sum price bid for this work.

5. BASIS OF PAYMENT:

5.01 The Lump Sum price bid for this item shall include the cost of furnishing all materials, equipment, and labor necessary to complete this work. Cost to dispose of material shall be included in the price bid.