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# Special Specification 4093

## Dolphin and Fender System

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### 1. DESCRIPTION

Furnish and install the new dolphin and fender system.

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### 2. MATERIALS

All materials must conform to the requirements of the following Items:

Item 404, "Driving Piling"  
Item 406, "Timber Piling"  
Item 420, "Concrete Substructures"  
Item 421, "Hydraulic Cement Concrete"  
Item 440, "Reinforcement for Concrete"  
Item 441, "Steel Structures"  
Item 442, "Metal for Structures"  
Item 445, "Galvanizing"  
Item 446, "Field Cleaning and Painting Steel"  
Item 447, "Structural Bolting"  
Item 448, "Structural Field Welding"  
Item 491, "Timber for Structures"  
Item 492, "Timber Preservative and Treatment"

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### 3. CONSTRUCTION

Use construction methods, workmanship, equipment and materials in accordance with the various items of the standard specifications and the details shown on the plans.

Follow the sequence of removal and construction provided in the plans to insure that existing and new substructure elements adjacent to the channel are continuously protected from marine traffic.

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### 4. MEASUREMENT

This Item will be measured by the lump sum.

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### 5. PAYMENT

The work performed and materials furnished in accordance with this Item and measured as provided under "Measurement" will be paid for at the unit price bid for "Dolphin and Fender System," which is full compensation for furnishing and installing steel sheet piling, granular backfill, concrete, reinforcing steel, structural steel, structural bolting and welding, timber, cleaning and painting; and for furnishing all labor, tools, equipment, materials and incidentals.

Removal of existing dolphin and fender system will be paid for under Item 496, "Removing Structures."