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# Special Specification 4043

## Repair Sound Wall

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### 1. DESCRIPTION

Repair existing sound wall as shown in the contract plans.

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### 2. MATERIALS

Furnish materials that match the existing materials of the sound wall to be repaired in like and kind and in accordance with the details shown on the plans.

Before fabricating, prepare and submit working drawings and design calculations for proposed prefabricated sound wall elements for approval by the Engineer. Include the information necessary for precasting wall elements. Ensure casting drawings reflect the shape and dimension of precast components, the size, quantity, and details of the reinforcing steel, the quantity, type, size, and details of connection and lifting hardware, the size and location of drain openings, and any necessary additional details. Submit only drawings and design calculations bearing the seal of a Professional Engineer who is licensed in the State of Texas.

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### 3. EQUIPMENT

Provide equipment necessary to complete the work.

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### 4. WORK METHODS

Make repairs as shown on the plans. Follow work methods shown in this specification unless otherwise shown on the plans. Remove damaged elements as shown on the plans. Dispose of damaged material in accordance with federal, state, and local regulations.

Salvage and re-install any existing undamaged sound wall components that must be temporarily removed in order to perform the repair.

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### 5. MEASUREMENT

This Item will be measured as Lump Sum.

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### 6. 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 "Repair Sound Wall." This price is full compensation for removal and disposal of damaged sound wall materials, removal and re-installation of any undamaged sound wall components necessary to perform the repair, furnishing, providing design calculations, and installing sound wall materials, hauling and erection, equipment, labor, tools, and incidentals.