

# Special Specification 5114

## Sidewalk Construction Next to Historic Resource




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### 1. DESCRIPTION

This Item will govern for the removal, reconstruction, installation, or repair of sidewalk directly adjacent to any historic resource including a historic building wall, a historic freestanding wall, historic retaining wall, historic stairs, historic tile entrances, and any other historic resources as defined by the Environmental Affairs Division (ENV). These historic resources will be identified on the plan set.

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### 2. MATERIALS

Unless otherwise shown on the plans, Contractor must supply materials in accordance with Article 531.2., "Materials."

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### 3. CONSTRUCTION

3.1. **Before Construction.** Contractor must submit photos of the work area, the existing sidewalk, and adjacent historic resource, as identified on the plans, to the Engineer for approval. The photos will be in enough detail to show the condition of the historic resource before the commencement of construction activities, including photos taken at ground level adjacent to each historic resource in the project area.

3.2. **During Construction.** Sidewalk will be constructed per Article 531.3., "Construction", unless otherwise shown on the plans.

To remove existing sidewalk, Contractor must saw cut existing sidewalk 8 to 12 in. out from the historic resource. If existing sidewalk is to be removed entirely, the remaining 8 to 12 in. of existing sidewalk adjacent to the historic resource must be removed by hand.

Contractor must construct new sidewalk along the saw cut edge with installation of expansion joints, as determined. For sidewalks that are entirely removed, expansion joints must be placed between the historic resource and new sidewalk to be constructed.

Contractor must prevent damage to historic resource during the entire construction project, including during removal of existing pavement, curb, or sidewalk. During the saw cut and hand removal process, Contractor must exercise utmost caution and must physically protect historic resource.

Any historic resources damaged in executing the work must be repaired or replaced in kind, at Contractor's own expense. If damage occurs to a historic resource, work will immediately cease in the vicinity of the damaged historic resource and the Department Engineer must immediately be notified. Work in that area may not continue until the Department ENV has given approval.

ENV will review the damage and Contractor must produce a repair or replacement plan. Repair or replacement plan must be approved by ENV with concurrence from the Texas Historical Commission (THC) before resuming construction activity in the vicinity of the damaged historic resource. If the repair or replacement plan necessitates, Contractor must locate replacement sources for historic materials damaged during the work. Repair and replacement work and materials will be at Contractor's expense.

3.3. **Appropriate Equipment.** Contractor must take reasonable actions to remove existing sidewalk materials in a manner that assures the least amount of damage to an adjacent historic resource. Removal methods are to be approved. Motor graders, tractors, and front-end loaders will not be allowed to pick up or remove sidewalk materials.

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### 4. MEASUREMENT

Sidewalks will be measured by the square yard of surface area. Only accepted work will be included, and the dimensions used for measurement will be those shown on the plans or ordered in writing.

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**5. PAYMENT**

The work performed, in accordance with this Item and measured as provided for under "Measurement," will be paid for at the price bid for "Sidewalk Construction Next to Historic Resource." This price will be full compensation for preparing and placing all materials in appropriate manner, and for all labor, tools, equipment, and incidentals necessary to complete the work. To accept the work, the Engineer will verify that no damage to historic resources occurred during the work. If damage occurred, and appropriate repairs in accordance with Section 3.2., "During Construction," above are not made, this Item will be considered non-compliant and no payment will be made. To accept repair and replacement work, the Engineer will need to obtain concurrence from ENV.