

2-02 REMOVAL OF STRUCTURES AND OBSTRUCTIONS**2-02.1 Description**

The Work described in this section includes removing and disposing of, or salvaging, materials named in the Special Provisions or identified by the Engineer. The Work also includes the backfilling of trenches, holes, or pits that result from such removal.

2-02.2 Vacant**2-02.3 Construction Requirements**

With certain exceptions, the Contractor shall raze, remove, and dispose of all buildings and foundations, Structures, fences, and other obstructions that lie wholly or partially within the Right of Way. The exceptions are utility-owned equipment and any other items the Contracting Agency may direct the Contractor to leave intact.

When salvageable material is to remain Contracting Agency property, the Special Provisions will identify the material and describe how the Contractor shall remove it and where it will be stored.

Any material not named in the Special Provisions as Contracting Agency property will become the property of the Contractor and shall be removed from the project.

The Contractor may dispose of waste material in Contracting Agency owned sites if the Special Provisions or the Engineer permits it. Otherwise, the Contractor shall arrange to dispose of waste at no expense to the Contracting Agency and the disposal shall meet the requirements of [Section 2-03.3\(7\)C](#).

2-02.3(1) Removal of Foundations

When removing foundations the Contractor shall:

1. Remove foundations to a depth of at least 5-feet below finished ground elevation or Subgrade elevation, whichever is lower.
2. Break up basement floors to promote drainage.
3. Fill basements or other cavities left by the removal of Structures. The fill shall match the level of surrounding ground. Fill within the slopes of the Roadbed shall be compacted to meet the requirements of [Section 2-03.3\(14\)C](#), Method B.

2-02.3(2) Removal of Bridges, Box Culverts, and other Drainage Structures

When salvaging any steel or wooden bridge that will remain Contracting Agency property, the Contractor shall prevent unnecessary damage to the material. Steel members shall be match-marked.

Unless otherwise directed, the Contractor shall remove foundations of existing Structures to a point 2-feet below: the finished ground elevation, the adjacent ground elevation, or the natural stream bottom. If a foundation lies wholly or partially on the site of a new Structure, it shall be removed to a level that accommodates building the new Structure.

Any blasting shall be subject to the Engineer's approval. The Contractor must complete all blasting before the placement of new Work.

2-02.3(3) Removal of Pavement, Sidewalks, Curbs, and Gutters

In removing pavement, sidewalks, curbs, and gutters, the Contractor shall:

1. Haul broken-up pieces into the Roadway embankment or to some off-project site.
2. Material that is to be incorporated into the embankment shall be broken into pieces not exceeding 18-inches in any dimension, and no part of any piece shall be within 3-feet of the top, side, or end surface of the embankment or any Structure.
3. Make a vertical full depth saw cut between any existing pavement, sidewalk, curb, or gutter that is to remain and the portion to be removed. For portland cement concrete pavement removal, a second vertical full depth relief saw cut offset 12-inches to 18-inches from and parallel to the initial saw cut is also required, unless the Engineer approves otherwise.
4. Replace at no expense to the Contracting Agency any existing pavement designated to remain that is damaged during the removal of other pavement.

2-02.4 Measurement

No specific unit of measurement shall apply to the lump sum item of removal of Structure and obstruction.

2-02.5 Payment

Payment will be made in accordance with [Section 1-04.1](#), for the following Bid item when it is included in the Proposal:

“Removal of Structure and Obstruction”, lump sum.

If pavements, sidewalks, curbs, or gutters lie within an excavation area, their removal will be paid for as part of the quantity removed in excavation.