

Revision of Section 202 Removal of Bridge Railing

Revise Section 202 of the Standard Specifications for this project to include the following:

Description

This work consists of removing the steel portion of bridge railing per these specifications and conforming with the lines and details shown on the plans or as approved by the Engineer.

Construction Requirements

At least 10 working days before beginning removal, the Contractor shall submit a method statement to the Engineer with details of the removal operations, including the means, methods, sequence of removal, tools, and equipment to be used. The Engineer must review all removal operations, methods, and equipment before the work begins.

Remove the bridge railing as shown in the plans. Remove all exposed areas of existing bridge railing anchors to a minimum of 1 inch below the concrete surface. Fill the resulting cavities with an epoxy grout and finish flush with the surface of the curb.

The Contractor shall take all steps necessary to protect the existing structure. Repair in kind any damage caused by the Contractor to any portion of the structure not intended for repair shall at the Contractor's expense using means and methods approved by the Engineer with no allowance for contract time extension.

The Contractor is responsible for disposing of all removed material and debris.

Method of Measurement

Removal of Bridge Railing will be measured by the actual quantity completed and accepted, by linear foot.

Basis of Payment

The accepted quantities of Removal of Bridge Railing will be paid for at the contract unit price.

Payment will be made under:

Pay Item	Pay Unit
Removal of Bridge Railing	Linear Foot

Payment for Removal of Bridge Railing will be total compensation for all labor, materials, tools, equipment, and incidentals required to complete the work, including removing bridge railing and anchors to a minimum of 1 inch below the surfaces of the concrete, installing non-shrink epoxy grout, and disposing of all items.

Instructions to Designers (delete instructions and symbols from final draft):

Use this project special provision for removing only the steel portion of bridge railing from existing structures. Do not use for concrete Bridge Rail Type 4, Bridge Rail Type 7, or other Bridge Rail where both the concrete curb and steel railing is to be removed.

If removing Type 10R or other railing where the anchors are drilled through the deck, modify this spec to address removal of loose anchors.

Revision of Section 202 Removal Of Bridge Railing (Steel Only)

<u>Date</u>	<u>Author</u>	<u>Description of Change</u>
1/14/19	BPM Cons.	Initial Website Issue
11.1.2021	M. Kayen	Revisions to grammar, format as per CDOT Style Guide (4.22.21)
04.06.2023	M. Kayen	Revisions to make spec online accessibility-compliant. 5.22.23 Additional accessibility work.