

## **GUARDRAIL.**

**(REV 12-26-24) (FY 2025-26)**

ARTICLE 536-1 is expanded by the following:

Replace sections of damaged or deteriorated guardrail in accordance with the Contract Documents by removing existing guardrail and constructing new guardrail in accordance with the Standard Plans, Index 536 series.

Repair sections or components of guardrail in accordance with the Contract Documents. The work may include replacing or realigning panels, resetting or replacing posts, replacing blocks or end anchorages, and replacing other hardware required for the existing guardrail.

Perform miscellaneous guardrail maintenance to include replacing washers, bolts, nails, and hardware, tightening existing hardware, straightening misaligned blocks, repairing existing miscellaneous asphalt, and removing vegetation and debris buildup from underneath the guardrail and end treatments.

When directed by the Engineer, remove vegetation and other debris accumulations from the miscellaneous asphalt pavement associated to the guardrail and end treatments.

ARTICLE 536-2 is expanded by the following:

Replace or repair sections or components of guardrail using materials of the same type, unless otherwise directed by the Engineer.

ARTICLE 536-3 is expanded by the following:

### **536-3.15 Guardrail Repairs:**

**536-3.15.1 Guardrail Posts:** For guardrail repairs that require posts be replaced or reset, install the replacement post, backfill with soil to original grade, and patch the asphalt area distorted by the post installation to provide a smooth finished surface that is of uniform texture and shaped to allow unobstructed drainage.

**536-3.15.2 Galvanizing:** Apply coating of galvanized compound over structural members and over areas of previously galvanized members in accordance with Section 562 on which the galvanizing has become damaged.

**536-3.16 Disposal:** Remove and dispose of all debris, including original guardrail materials, vegetative debris, and other debris, from the right-of-way at the end of each working day.

ARTICLE 536-5 is expanded by the following new Subarticles:

**536-5.8 Miscellaneous Guardrail Maintenance:** The quantity paid for miscellaneous guardrail maintenance, will be the quantity in linear feet of guardrail, whether single faced or double-faced guardrail.

**536-5.9 Removal of Vegetation and Debris:** The quantity paid for removing vegetation and other debris from the miscellaneous asphalt pavement associated with ~~areas surrounding~~ the

guardrail and end treatments will be the quantity in linear feet of area cleared, measured along the face of the guardrail and end treatments.

**536-5.10 Installation of Materials Furnished:** When specified by the pay item that the item is to be furnished by the Department, the pay item will include compensation for the loading, transport, and installation of the items including all necessary incidental hardware required to complete the specified work.

SUBARTICLE 536-6.8 is deleted and the following substituted:

**536-6.8 Guardrail Repairs:** Price and payment for all guardrail repairs will include all labor, equipment, galvanizing compound, materials, miscellaneous asphalt, hardware, and incidentals necessary to complete the work, including all costs associated with removing, transporting, unloading, or disposing of debris or materials.

Price and payment for replacement of guardrail or guardrail components will be for removal of the item being replaced and the construction of the new guardrail or guardrail component being replaced including any miscellaneous hardware necessary for the new guardrail or guardrail component.

Price and payment for end anchorage assembly removal will include removal and disposal of all material, hardware and incidental items included in the end anchorage assembly.

ARTICLE 536-6 is expanded by the following Subarticles:

**536-6.9 Miscellaneous Guardrail Maintenance:** Price and payment for Miscellaneous Guardrail Maintenance will include all labor, equipment, materials, and incidentals necessary for the minor repairs of existing guardrail, including replacing or adjusting guardrail hardware and blocks, repairing existing miscellaneous asphalt under the guardrail, and removing vegetation and debris buildup underneath the guardrail and end treatments.

**536-6.10 Basis of Payment:** Payment will be made in accordance with the pay items listed in the Bid Price Proposal.