

Item No. 643	Woven-wire fence	Per linear foot (meter)
Item No. 643	Barbed-wire fence (strand)	Per linear foot (meter)
Item No. 643	Gate (fence type,____) (size____)	Per each
Item No. 643	Barrier fence, height,____ ft (m)	Per linear foot (meter)

643.5.01 Adjustments

General Provisions 101 through 150.

Section 645—Repair of Galvanized Coatings

645.1 General Description

This work includes field repairing damaged galvanized coatings, except coatings on wire and chain-link wire fence.

When galvanized materials are welded, the work applies to the welded area and to the damaged areas adjacent to the weld. It does not apply to new materials deficient in coating.

645.1.01 Definitions

General Provisions 101 through 150.

645.1.02 Related References**A. Standard Specifications**

Section 870—Paint

B. Referenced Documents

General Provisions 101 through 150.

645.1.03 Submittals

General Provisions 101 through 150.

645.2 Materials

Use material for repairing galvanized coatings that conforms to the following:

Material	Section
Galvanizing Repair Compound	870.2.05

645.2.01 Delivery, Storage, and Handling

General Provisions 101 through 150.

645.3 Construction Requirements**645.3.01 Personnel**

General Provisions 101 through 150.

645.3.02 Equipment

General Provisions 101 through 150.

645.3.03 Preparation

Before applying repair compounds:

1. Clean the area of grease using an approved solvent recommended by the producer of the galvanizing repair compound.
2. Thoroughly brush the area with a stiff wire brush to remove dirt, loose galvanizing, welding slag, or other foreign material.

645.3.04 Fabrication

General Provisions 101 through 150.

645.3.05 Construction

Apply the repair compound smoothly and evenly with a moderately filled paint brush when the temperature of the steel, compound, and surrounding air is above 45 °F (7 °C). On smooth surfaces, ensure that the minimum dry film thickness is 2 mils (0.05 mm).

On rough and pitted surfaces, the Engineer may require more than one coat. When additional coats are required, allow a drying time of at least four hours between coats. Do not brush over partly dried applications.

645.3.06 Quality Acceptance

General Provisions 101 through 150.

645.3.07 Contractor Warranty and Maintenance

General Provisions 101 through 150.

645.4 Measurement

This work will not be measured separately for payment.

645.4.01 Adjustments

General Provisions 101 through 150.

645.5 Payment

This work shall be performed at the Contractor's expense.

645.5.01 Adjustments

General Provisions 101 through 150.

Section 647—Traffic Signal Installation

647.1 General Description

This work consists of furnishing materials and erecting a traffic signal installation including all traffic signal equipment, poles, bases, wires and miscellaneous materials required for completion of the installation.

It also includes all test periods, warranties and guarantees as designated in subsequent sections, and response to maintenance and operational issues as described in subsequent sections.

Apply for, obtain and pay for all utility services, communications services to, and pole attachment permits that are necessary for the signal installation and operation required in the Plans. Maintain these utility services until final acceptance of the signal.

Upon final acceptance, make an orderly and uninterrupted transfer of these services and permits to the local government or other jurisdiction that will be responsible for subsequent maintenance and operation.

647.1.01 Definitions

General Provisions 101 through 150.

647.1.02 Related References**A. Standard Specifications**

Section 106—Control of Materials

Section 500—Concrete Structures

Section 501—Steel Structures

Section 631—Changeable Message Signs

Section 636 – Highway Signs