ITEM #0914005A – RESET RAILING

Description: Work under this item shall consist of the restoration of the existing metal railings attached to the top of concrete parapets. Elements of the railing shall be replaced and repaired along its length as shown in the contract documents, and at the direction of the Engineer.

Materials: The material for railing shall meet the requirements as specified within the original applicable contract items and as closely as possible match the coatings and appearance of the adjacent railing elements. Original design plans for the metal railing are included within Subset No. 5 of the As-Built Plans and can be used as a reference.

When repairing railing, the Contractor shall reuse any undamaged existing elements, including fencing, posts, horizontal sections and other hardware within the project limits as approved by the Engineer to repair the railing. The Contractor shall use new materials when any components of the existing railing are damaged or missing or that cannot be otherwise obtained within the Project limits.

Construction Methods: The repair of the metal railings shall be in accordance with contract methods as specified within Subset No. 5 of the As-Built Plans.

The Contractor shall remain responsible for the safety and integrity of the railing system for the duration of the project. In the event the railing is damaged, the Contractor shall secure a temporary barrier across the opening or otherwise protect the public until the railing can be repaired.

The Contractor shall be responsible for the removal and the proper disposal of all damaged material and debris.

When metal railing elements are being removed or installed, a debris shield or another approved means shall be provided to prevent materials from falling onto the roadway, railway, sidewalks, etc. below.

At the start of the project, the Engineer shall delineate all repairs that are required. The Contractor shall take detailed measurements and make detailed sketches. The sketches shall be submitted with the shop drawings for approval.

Method of Measurement: Damaged railing will be measured for payment by the linear foot, with the length of measurement for payment will be from centerline to centerline of adjacent railing post, regardless of type of repair and number of repairs. For locations where a post is being repaired, the length of measurement will be between the centerlines of the adjacent posts.

Railing damaged by the Contractor's equipment or operations will not be measured for payment.

Basis of Payment: This work will be paid for at the contract unit price per linear foot for "Reset Railing", which price shall include the removal of defective elements, repair and re-installation of railing elements, fabrication and installation of new railing elements, in-place repairs and shall include debris shields and all labor, material and equipment incidental thereto.

"Maintenance and Protection of Traffic" and "Maintenance Pedestrian Access" associated with this work will be paid for under those items.

Pay Item	Pay Unit
Reset Railing	l.f.