

## **NOISE ABATEMENT WALL ANCHOR ROD ASSEMBLY**

Effective: December 9, 2022

Description. This work shall consist of furnishing and installing Anchor Rod Assembly for future Noise Abatement Wall installation. It includes installation of threaded anchor rods, nuts, washers, and a template plate.

Materials. Materials shall be according to the following.

<u>Item</u>	<u>Article</u>
(a) Structural Steel	1006.04
(b) High Strength Steel Nuts and Washers	1006.08(a)
(c) Anchor Bolts and Rods	1006.09

Anchor rods, nuts, washers, and template plates shall be hot dipped galvanized according to the requirements of AASHTO M111 or M232 as applicable.

Anchor rods shall be according to ASTM F 1554 Grade 105, and shall satisfy Charpy V-Notch (CVN) toughness requirements according to Supplemental Requirement S4 of ASTM F 1554.

Construction. All structural steel related work shall be according to Section 505 of the Standard Specifications.

Welding of anchor rods is not permitted.

A 1/4" structural steel template plate shall be used to ensure the anchor rods retain the correct geometry during the pouring of the parapets. The template plate shall be embedded in the parapet, with the exterior face of the plate flush with the back face of the parapet.

Anchor Rod Assemblies shall be installed according to Article 521.06 of the Standard Specifications.

Method of Measurement. This work will be measured for payment as each. Each will be defined as complete anchor rod assembly which shall include furnishing and installing of anchor rods, washers, nuts, and template plate.

Basis of Payment. Anchor rod assembly furnished and installed will be paid for at the contract unit price each for NOISE ABATEMENT WALL ANCHOR ROD ASSEMBLY.