
**SECTION 02871
TUBE MODIFICATIONS**

PART 1 GENERAL

1.01 WORK INCLUDED

- A. Work of this Section consists of performing modifications at the firing positions of the existing twelve (12) tubes as indicated or detailed on the Contract Drawings. This work shall include, but not be limited to installation of rebar, blocking of lower portion of tube and furnishing and placement of compacted granular fill as shown. The purpose of the modifications is to restrict the location of the muzzle to those areas used in the trajectory study that was performed for this project.

1.02 STANDARDS

- A. References to Form 814A mean the State of Connecticut Department of Transportation "Standard Specification for Roads, Bridges and Incidental Construction, 1995", including any interim and supplemental specifications.

1.03 SUBMITTALS

- A. None

PART 2 PRODUCTS

2.01 MATERIALS

- A. Compacted Granular Fill shall be compacted granular fill conforming to the requirements of Article 2.14.02 Grading "B" of "Form 814 A".
- B. Reinforcing bars shall conform to the requirements of Article M.06.01 of the "Form 814A".
- C. Grout used for anchoring reinforcing bars shall meet the requirements of Article M.03.01-12 of the "Form 814A".
- D. Materials used to block off the inside of the tube shall be subject to the approval of the CTARNG.

PART 3 EXECUTION

3.01 CONSTRUCTION METHODS

- A. Place compacted granular material in accordance with Section 02234 of these Specifications. Grade and seed area as indicated.
- B. Drill and grout reinforcing bars at locations shown on the details.
- C. Block entrances to dimension indicated using approved methods and materials.
- D. Cleanup work area following completion of work.

END OF SECTION