

SECTION 32 28 50- SITE IMPROVEMENTS

PART 1 - GENERAL

1.01 GENERAL PROVISIONS

- A. The CONDITIONS OF THE CONTRACT and all Sections of Division 1 are hereby made a part of this Section.

1.02 DESCRIPTION OF WORK

- A. Work Included: Provide labor, materials and equipment necessary to complete the work of this Section, and without limiting the generality thereof furnish and install the following:
1. Site Signage
 2. Steel Bollards
 3. Bicycle Rack
 4. Granite Bollards
- B. Related Work Specified Elsewhere: Carefully examine all Contract Documents for requirements which affect the work of this Section. Other Specification Sections which directly relate to work of this Section include, but are not limited to following:
1. Granular fill setting base and backfill material: SECTION 31 22 00 - EARTHWORK.
 2. Excavation and backfill: Section 31 22 00- EARTHWORK.
- C. Alternates: Refer to SECTION 01 21 00 and SECTION 01 23 00, to determine extent, if any, to which work of this Section will be affected by any Allowances or Alternates, if accepted.

1.03 QUALITY ASSURANCE; SUBMITTALS:

- A. Quality Assurance: Conform to requirements of SECTION 01330 - SUBMITTALS PROCEDURES.
- B. Submittals: Provide as follows:
1. Product Data:
 - a. All manufactured equipment.
 - b. Metal fasteners, anchors, other accessories.
 2. Shop Drawings: All items where installation methods are not fully described in product data.

1.04 REFERENCE STANDARDS:

- A. MDOT: Where specified, comply with applicable provision of State of Maine Department of Transportation Standard Specifications for Highways and Bridges, hereinafter referred to as MDOT.
- B. Earthwork: Conform to requirements of SECTION 31 22 00 - EARTHWORK.

PART 2 - PRODUCTS & EXECUTION

2.01 BASIC MATERIALS:

- A. Reinforcement: ASTM A 615, Grade 60, deformed, hot-dipped galvanized.
 - 1. Provide minimum reinforcement ration of 3 percent.
- B. Galvanizing: Hot-dipped galvanized after fabrication, conforming to:
 - 1. ASTM A 386 for assembled products.
 - 2. ASTM A 153 for iron and steel hardware.

2.02 BASIC INSTALLATION REQUIREMENTS:

- A. Install all materials and equipment in compliance with manufacturer's recommendations, and as indicated on Drawings.
- B. Provide concrete bases and supports as indicated and required.

2.03 Site Signage

- A. Provide parking signs as indicated on the plans.
 - 1. Conform to MDOT and ADA Standards for all site signage.

2.04 Steel Bollards

- A. Provide Steel bollards in locations indicated on the plan according to the details shown.

2.05 Bicycle Racks

- A. Bicycle racks to be Dero Bike Rack, Model # 2H, as manufactured by Dero Bike Rack Co., Minneapolis, MN, or approved equal. Bike racks to be permanent embed mounted as indicated on the plans. Finish to be power coated – color to be selected by the Owner from standard finishes.

2.06 Granite Bollards

- A. Provide Granite Bollards in sizes shown on the plan as per details indicated.
 - 1. Granite shall be standard gray as quarried and manufactured by Swenson Granite or approved equal.
 - 2. Finish shall be split face and/or and thermal finished as indicated on the drawings

END OF SECTION 32 28 50