

SECTION 02520
GRANITE CURBING

PART 1 - GENERAL

1.01 GENERAL PROVISIONS:

- A. The Conditions of the Contract and all sections of divisions 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. Section 02100 - Site Preparation
 2. Section 02200 - Earthwork: Excavation, backfill and compaction
 3. Section 02510 - Bituminous paving
 4. Section 02850- Site Improvements
 5. Coordinate setting of curbs with related work.

1.03 QUALITY ASSURANCE AND SUBMITTALS:

- A. General: Comply with the requirements of Section 01330 and Section 01400
- B. Reference Standards: Comply with applicable requirements of the following standards. Where these standards conflict with other specified requirements, most restrictive requirements govern.
1. American Society for Testing Materials (ASTM):

C 131 Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine.

C 615 Structural granite
 2. State of Maine Department of Transportation (MDOT): Standard Specifications for Highways and Bridges (1995 Edition)
- C. Product Data: Submit product data for curbing and accessory materials.
1. Include certificate of compliance for materials.

1.04 JOB CONDITIONS:

- A. Weather Limitations: Comply with requirements in MDOT.
- B. Work on Public Ways: Comply with all regulations and requirements of local/state agencies having jurisdiction.

1.05 DELIVERY, STORAGE AND HANDLING:

- A. Deliver curbing to job adequately protected from damage during transit.
- B. Protect curbing against staining, chipping and other damage. Cracked, badly chipped, or stained units will be rejected and not employed in the Work.

PART 2 - PRODUCTS

2.01 GRANITE CURBING:

- A. Granite: Provide structural granite conforming to ASTM C 615, Class I Engineering Grade, suitable for curbstone use.
 - 1. Provide material that is light gray, free from seams which impair structural integrity, and with percentage of wear less than 32 percent as determined by ASTM C 131.
 - 2. Product: Swenson Granite or approved equal.
- B. Curbing: Provide curbing complying with MDOT Specifications Section 712.04, Vertical Curb, Type 1 and sloped Granite Curbing complying with MDOT Material Specifications 712.04.
 - 1. Provide radius curbing where indicated.
 - 2. Provide with split-face and sawn top.

PART 3 - EXECUTION

3.01 SETTING CURBING:

- A. Install as indicated on Drawings and except as otherwise specified or indicated in compliance with MDOT 609.03.

- B. Set curbing in 18-inch wide trench, with trench bottoms at 6 inches below bottom of curd. Fill excavation to required level with base course material conforming to requirements of Section 02200 – Earthwork.
- C. Set curb with vertical face plumb, curb top parallel to adjacent surface.
- D. Set curb accurately to line and grade. Fit units as loosely together as possible. Do not field cut curbing.
 - 1. Do not exceed 1/2 inch width for expansion joints.
- E. Backfill material on each side of curb as specified for adjacent surface, thorough compacted by power tampers. Exercise extreme care not to destroy alignment.
 - 1. Reset any curb section disturbed during backfilling or otherwise reset to proper line and grade and properly backfill.

END OF SECTION 02520