

**SECTION 02480**

**CURBING**

**PART 1. GENERAL**

**1.1 Related Work Specified Elsewhere**

- a. The general provisions and documents of the Contract, including General and Special Conditions, apply to the work specified in this Section.
- b. Site Earthwork - Section 02200
- c. Construction Drawings

**1.2 References**

- a. Where M.D.O.T. appears it shall be taken to mean The State of Maine Department of Transportation Specifications, Highways and Bridges - Latest Revision.

**PART 2. PRODUCTS**

**2.1 Materials**

- a. Vertical Granite Curb: Vertical granite curb shall conform to M.D.O.T. specifications for TYPE I. Curb shall be acceptable granite from approved quarries.
- b. Sloped Granite Curb: Sloped granite curb shall conform to M.D.O.T. specifications for Type V.
- c. Tip-Down and Transition Granite Curb: Miscellaneous granite curb sections shall conform to M.D.O.T. Specifications 712.04 (b).
- d. All granite curb shall conform to the following standards:
  - (1) All granite curb shall be basically light gray in color, free from seams and other structural imperfection or flaws which would impair its structural integrity, and of a smooth splitting appearance. Natural color variation characteristic of the deposit from which the curbing is obtained will be permitted.

- (2) The exposed face shall be smooth quarry split to an approximately true plane having no projections or depressions which will cause over one (1) inch to show between a two (2) foot straight-edge and the face when the straight-edge is placed as closely as possible on any part of the face.
- (3) If projections on the face are more than that specified they shall be dressed off. The top and bottom lines of the face shall be pitched off to a straight line and shall not show over one (1) inch between stone and straight-edge when straight-edge is placed along the entire length of the top and bottom lines and when viewed from a direction at right angles to the plane of the face, and for the top line only not over (1) inch when viewed from a direction in the plane of the face. The ends shall be square to the length at the face and so cut that when placed end to end as closely as possible, no space shall show in the joint at the face of over 3/8 inch, except that where the edging is to be used on a curve having a radius of ten (10) feet or less, the ends of the stones shall be so cut as to provide a finished joint at the face section of not more than 1/2 inch. The arras formed by the intersection of the plane of the face with the plane of the end joint shall not vary from the plane of the face more than 1/4 inch. Drill holes not more than 3-1/2 inches in length and 1/2 inch in depth will be permitted. The sides shall not be broken under the square more than four (4) inches and the side adjacent to the grass shall not project over one (1) inch.
- (4) Dimension Tolerance:

Minimum Length	2 feet
Maximum Length	8 feet
Thickness	4 inches
Width of Face	12 inches
- (5) Acceptable Manufacturer:  
John Swenson Granite Co. or approved equal.

PART 3. EXECUTION

3.1 Granite Curb

- a. Contractor shall install, backfill and protect all granite curb in accordance with M.D.O.T. Subsection 609.03 and as detailed on the Drawings. Provide approved granite tip-down curbs at all curb end sections and handicapped ramps. Provide approved granite transition curb where curb type and or material changes occur.

3.2 Protection

- a. The Contractor shall provide temporary barriers to protect newly formed bituminous curbing from damage during construction. All damaged curbing shall be repaired or replaced as necessary without additional expense to owner and inspected and approved by the Owner's Representative.
- b. The Contractor shall be responsible to protect and repair as necessary all vertical, sloped granite or concrete curbing disturbed during construction and no expense to owner. Provide temporary barriers at all radius locations where truck entry would impact curbing.