

02775 - GRANITE BLOCK CURBING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary and Division 1 specification sections apply to this Section.
- B. C-1.03 Civil Plan & Profile
- C. C-1.04 Civil Grading & Drainage Plan

1.2 SUMMARY

- A. SECTION INCLUDES:
  - 1. Furnishing all equipment, labor and materials and performing all operations necessary for the required construction of granite block curbing as shown on the Contract Drawings.

1.3 RELATED REQUIREMENTS

- A. None

1.4 APPLICABLE PUBLICATIONS

- A. The following latest publications of the issues listed below, but referred to thereafter by basic designation only, form a part of this specification to the extent indicated by reference thereto:
  - 1. The "General Specifications for Street Paving of the City of New Orleans Department of Streets", 1995 Edition, including latest amendment thereto.

1.5 QUALITY CONTROL

- A. The Contractor shall establish and maintain quality control for excavation, compacting and paving operations to assure compliance with contract requirements and maintain records of his quality control for all construction operations including but not limited to the following:
  - 1. Check grades where applicable.

B. SUBMITTALS

1. Certification Letter: Submit a letter of certification from the granite fabricator, stating the material being furnished is the specified material and there are sufficient reserves available to supply this project and furnish replacements if needed.

PART 2 - PRODUCTS

2.1 MATERIALS

A. STONE

1. New Stone Curb shall be North River Blue Stone or Cabin Creek Blue Stone or Granite.
  - A. New Stone curb shall measure five (5) inches in thickness for the remainder of depth, and in lengths of not less than five (5) feet except for closures. It shall be of such depth as may be indicated on the plans or otherwise specified.
  - B. The top of the curb shall be peen-hammer dressed, and the face for ten (10) inches below the top pointed, so that there will be no protrusions or depressions measuring more than one-half ( $\frac{1}{2}$ ) inch from a straightedge laid in any direction parallel to the general surface.
  - C. All ends shall be squared so as to form close-fitting joints. No drill holes will be permitted to show on any exposed surface. All edges shall be well-defined.
  - D. Closures shall not be less than two and one-half (2-1/2) feet in length and must not be placed adjacent to catch basins or over fresh excavations or adjacent to one another. No more than three (3) such closures will be allowed between any two fixed points such as circular curb for corners, circular curb for driveways or catch basins.

PART 3 - EXECUTION

3.1 SETTING AND RESETTING STONE CURBS

- A. Stone curb shall be set to lines and grades indicated on plans, or as may be otherwise directed. The subgrade on which the curb base is to be placed shall be excavated and thoroughly tamped by means of a pneumatic tamper.
- B. After the curb has been set to proper line and grade as above, the contractor shall place under each curb joint, or as close thereto as may be practical, a concrete pier. These piers and concrete base shall be constructed in accordance with dimensions

shown on the detail plans, care being taken that the excavation therefore made prior to the pouring of the concrete is evenly cut and as nearly true to the plans as the character of the excavation materials will permit. All loose material must be removed from the finished subgrade of the roadway prior to pouring concrete.

- C. One pier shall be provided under each curb joint except in cases where it is impractical to construct one at said point, as where a drain sewer or gas service is directly under the joint and is sufficiently high to prevent the pier being built to the dimensions shown on the plans. In this case, two (2) piers shall be constructed, one (1) on each side of the curb joint and as close thereto as practical.
- D. After setting curb, the excavated area behind same shall be backfilled by tamping and this filling shall be brought to the top of the back of the curb.
- E. The ends of all curb shall be neatly squared so as to form close-fitting joints. Joint filler one-half ( $\frac{1}{2}$ ) inch in thickness shall be placed adjacent to catch basins and circular curbs when setting stone curbs. All joints in stone curb shall be thoroughly and neatly pointed with mortar. The joints in the precast concrete curbs shall be neatly filled with a joint filler, one-eighth ( $\frac{1}{8}$ ) inches thick. This joint filler material shall be finished flush with the top and roadway face of the curb.
- F. Setting curb in concrete recess shall only be done once concrete has become thoroughly hardened. The recess shall be cleared of all foreign matter and on its bottom surface there shall be placed a bed of stiff mortar, varying from one-quarter ( $\frac{1}{4}$ ) inch thick to three-quarter ( $\frac{3}{4}$ ) inch thickness and averaging one-half ( $\frac{1}{2}$ ) inch in thickness depending on the irregularities in the bottom of the stone curb.
- G. When the stone curbs have been so set, the recess on both sides of the curb shall be filled from top to bottom with liquid mortar.
- H. Cuts of proper dimensions, executed in a neat and workmanlike manner shall be made where directed and where required in both new and old curb for drain or gas pipe where required under the curb for connections.
- I. No extra compensation will be allowed for removing obstructions, gallery or shed posts, etc. that may be encountered in setting new curb, nor will any extra compensation be allowed for shoring or reinforcing sheds or galleries that may be necessary.

END SECTION