

**CITY OF MOBILE  
DOWNTOWN AREA  
INFRASTRUCTURE REPAIR AND REPLACEMENT**

**SECTION G.  
GRANITE CURBING**

**1. GENERAL**

Referenced Technical Specifications

ALDOT Section 501	Structural Portland Cement Concrete
ALDOT Section 502	Steel Reinforcement

**2. REMOVAL**

Partial removal of granite curbing is not allowed. Any removal necessitated by the work will require the complete removal of a section of granite to the first existing joint on each side of the area to be removed. Existing granite is a protected historical item. It shall be carefully removed without damaging the material. Any granite removed and not reset shall be carried to the City Public Buildings Department at 850 Owens Street. Call 251-208-2810 to arrange for delivery and time.

If tree roots are at or close to the curbing, the Urban Forestry Dept. Shall be notified prior to disturbance to the curb. They, in coordination with the Rights of Way division, will designate methods of removal and replacement.

Removal of granite will usually result in damage to the roadway pavement. See Section D for requirements of removing and repairing pavement.

Granite curbing in the Downtown area is generally of 2 types - the 'weathered type' that has been in place for many years and the rectangular granite that has been installed since 1990.

The "Weathered Granite" is of varying thickness. It is usually about 4 inches thick at the top and 8 - 12 inches or more at the bottom. Height of a section averages about 18 - 24 inches. It has very irregular surfaces and usually does not have a concrete foundation under it.

The newer granite is uniform in shape, 6 inches thick, 12 inches in height and in 10 foot segments. It is placed on a concrete foundation. See Sheet G-4.

All reset granite of either type shall have a concrete foundation in accordance with details shown on Sheet G-4. Small sections of granite, 3 feet or less in length, generally should not be used or reset. Long runs of granite shall use full length segments. The small sections shall be taken to the City Public Buildings Department at the above listed address and phone no.

In areas where the Permittee is required to improve the total block and sufficient existing granite curb is present to redo the entire block, that curb may be cleaned and reset. If insufficient existing granite is present to redo the block, the amount present shall be carefully removed and taken to the City Warehouse and new granite curb used. New granite and the older granite shall not be intermixed on the same block when total block replacement is required.

### 3. REPLACEMENT

#### a. FOUNDATION MATERIALS

Concrete mix design and placement shall be in accordance with Section No. F of this Manual.

Grout used as a setting bed must be a material recommended by the manufacturer for the use intended.

#### b. GRANITE

Type of granite to use should generally be the same type as existing on the street. If insufficient "weathered granite" is available at the site, the Permittee shall purchase from the City sufficient weathered granite to complete installation. In the event the City does not have any weathered granite in stock, the Permittee shall obtain new granite or, obtain additional weathered granite as specified by the City Engineer or Historic Development Dept.

New granite and weathered granite should not be mixed during repairs unless approved by the City Engineer. Prior to resetting any granite, the Permittee shall determine that sufficient granite of the type to be used is available.

New granite shall have a split face with sawn top. It shall be light gray in color with an industry standard "Salt & Pepper" appearance. It shall have a rounded exposed edge as shown on Sheet 5. Mountable granite (Sheet 5), shall be used in areas where mountable type curbing is required.

Small quantities of new granite may be purchased from the City if stock is available. Other sources of granite are:

International Tile & Stone Co.	Mobile, Alabama
Garner Sone Co.,	Birmingham, Alabama
Boyd Granite Co. Inc.	Elberton, Georgia

Other sources of granite are available. The Permittee shall be responsible for securing a granite that matches the existing. Non-matching granite will be rejected by the City.

c. JOINT SEALER

Joint sealer shall be one of the types listed in Section J of this Manual. All joints in either type of granite curb shall be sealed. This includes the joint between the curb and sidewalk. See Sheet G-4.

d. SUBGRADE PREPARATION

Subgrade under new curb foundation shall be shaped and the upper 6 inches compacted. Any material considered unsuitable by the City's Inspector shall be removed and replaced with approved material.

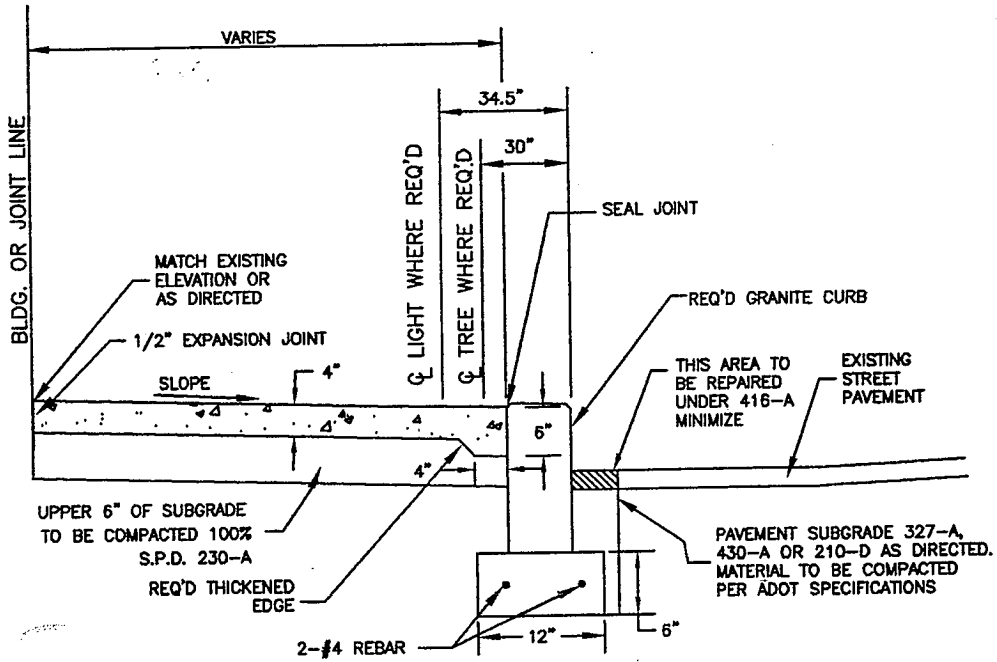
e. GRANITE PLACEMENT

Prior to setting granite, the permittee shall place a concrete foundation as shown on Sheet G-4. Depth of foundation below finish surface will depend on height of granite and shall be determined prior to placement.

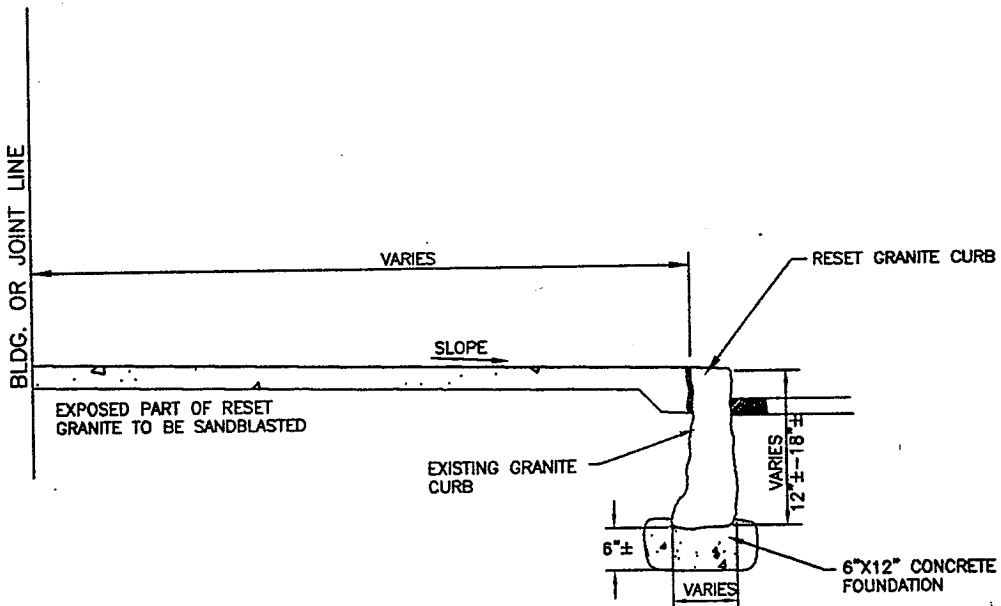
New granite shall be carefully set in a grout bed on the foundation. It must be plumb and in proper alignment.

Weathered granite shall be set in a grout bed with the foundation placed to allow for varying heights of granite or, held in place while the foundation is poured and cured. Ends shall be saw cut to provide a uniform vertical joint.

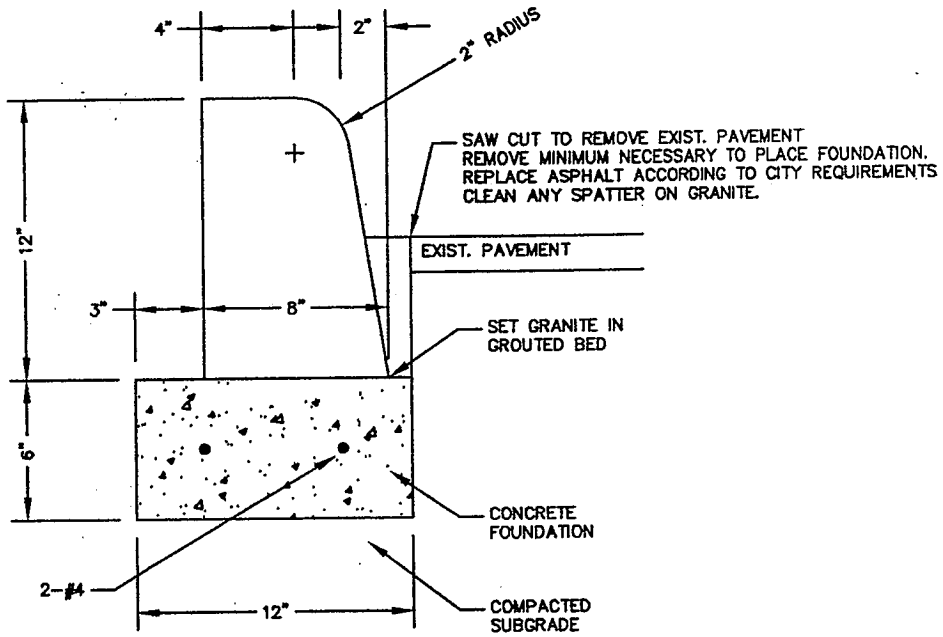
Weathered granite reset shall be sandblasted after setting. After placement of the granite curb, new gutter shall be placed where appropriate.



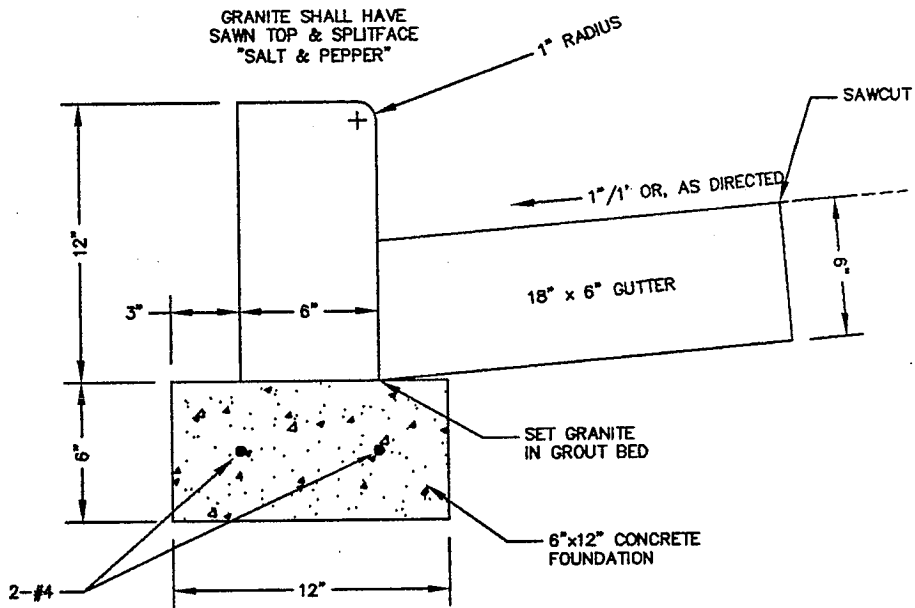
**DETAIL OF SIDEWALK/TREE/LIGHT PLACEMENT**  
NOT TO SCALE



**RESET GRANITE CURB**  
NOT TO SCALE



**DETAIL OF MOUNTABLE GRANITE CURB**  
NOT TO SCALE



**DETAIL OF STANDARD GRANITE CURB**  
**(WITH GUTTER WHERE APPLICABLE)**  
NOT TO SCALE