

**SECTION 02275**

**RIPRAP**

**PART 1 GENERAL**

1.01 SUMMARY

- A. Work Included furnishing and placing riprap

1.02 QUALITY ASSURANCE

- A. REFERENCES:

This section contains references to the following document. It is a part of this section as specified and modified. In case of conflict between the requirements of this section and those of the listed document, the requirements of this section shall prevail.

PADOT Publication Form 408, Latest edition

1.03 SUBMITTALS

- A. Submit under provisions of Section 01300.

1.04 QUALITY ASSURANCE

- A. Perform Work in accordance with Section 01400.

**PART 2 PRODUCTS**

2.01 MATERIALS

- A. Stone for riprap shall be durable quarry stone of approved quality. It shall be sound, hard, dense, resistant to the action of air and water, and free from seams, cracks, or other structural defects.
- B. Stone for riprap shall be in accordance with Form 408, Gradation R-3.

**PART 3 EXECUTION**

3.01 PREPARATION

- A. The bed for the riprap shall be properly trimmed and shaped before geotextile and stone is placed. Bed shall be minimum 6 inches thick
- B. Geotextile shall be placed below riprap.

3.02           INSTALLATION

- A.     Riprap shall be provided in areas as designated on the drawings.
- B.     Stone placed above the water line shall be placed by hand. It shall be laid with close, broken joints and shall be firmly bedded into the slope and against the adjoining stones. The stones shall be laid perpendicular to the slope with ends in contact
- C.     The riprap shall be thoroughly compacted as construction progresses and the finished surface shall present an even, tight surface
- D.     The large stone shall be placed in the lower courses Interstices between stones shall be chinked with spalls firmly rammed into place
- E.     Unless otherwise shown or specified, riprap shall be at least 18 inches in thickness, measured perpendicular to the slope

**END OF SECTION**