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Department of Transportation

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May 12, 1998

INSTRUCTIONAL BULLETIN NO. 98-2

SUBJECT: Coquina Shell Base Course

EFFECTIVE DATE: October 1, 1997

SUPERSEDES: None

RE: Memorandum dated October 15, 1992 from Road Design Engineer entitled "Graded Aggregate Base Courses and Maintenance Stone"

**Superseded
by 2000-2**

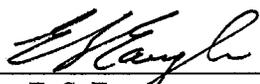
In Georgetown, Horry, and Marion Counties, 'C' projects will be developed using Coquina Shell Base Course as an alternate base material. This is by direction of State Highway Engineer Freeman's memorandum dated September 3, 1997 which is attached. The project plans will typically have alternate bases for the graded aggregate bases as well as an alternate for Coquina Shell Base Course. However, the alternate of Coquina Shell Base Course will require an adjustment in the field to the items of "Unclassified Excavation" and/or "Borrow Excavation" caused by the adjustments to the subgrade due to the additional depth required by coquina base.

Quantities in plans are for base alternates of Macadam, Stabilized Aggregate, and Fossiliferous Limestone Base Courses. If Coquina Base is selected, the grades will be adjusted in the field to compensate for the difference in base thickness and quantities for "Unclassified Excavation" and "Borrow Excavation" will be adjusted prior to final payment.

The following note will be placed on the General Construction Note Sheet when Coquina Base Course is an alternate.

Quantities in the plans are for base alternate of Macadam, Stabilized Aggregate, and Fossiliferous Limestone Base Courses. When Coquina Base is selected from the alternate bases to be placed, then the Department's field office will adjust the grade of the subgrade to compensate for the additional thickness. Quantities for "Unclassified Excavation" and "Borrow Excavation" will also be adjusted prior to final payment.

Approved: _____


E. S. Eargle
Road Design Engineer

ESE:adf
Attachment

cc:
Federal Proj. Dev. Engr. Pratt
"C" Proj. Dev. Engr. Kneece

September 3, 1997

Memorandum for File

Subject: Coquina Base

In a meeting held on August 26, 1997, concerning the use of Coquina Base on SCDOT projects, the following was agreed upon:

- Sources of Coquina would be identified and tested.
- Approved sources would be placed on the Materials Approval List in January 1998.
- C-projects in the areas of Coquina sources will be developed using Coquina as an alternate for base material.
- Experimental sections using Coquina Base on primary roads will be designated on future projects.

These items will be implemented as soon as practical and as specifications for alternates are developed.



D. H. Freeman
State Highway Engineer

cc:
Director of Preconstruction
Road Design Engineer
District Engineering Administrator #5
Research & Materials Engineer
Director of Construction
File

File:Con/DRS