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Mr. Jim Sp
 Roadway Design
 SPEER
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STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION

P.O. BOX 25201, RALEIGH, N.C. 27611-5201

DAVID MCCOY
 SECRETARY

September 7, 2000

To: DISCUSS WITH Mr. J. E. Alford, P.E.; Mr. Charlie Casey, P.E.; Mr. Garry Lee, P.E.; Mr. J. A. Bennet, P.E.; Mr. D. L. Sykes, P.E.; Roadway Project Engineers

From: Andy Gay, PE *Andy Gay*
 Proposals and Contracts Engineer

Subject: Select Material

The Geotechnical Unit has revised the way they specify select material for use in embankments and/or backfill.

The Geotechnical report may recommend two quantities of select material, one for embankments, backfill in water or normal undercut and one for shallow undercut.

For embankments, backfill below ground water level or normal undercut, Select Material Class II or Class III will be used. This material will be paid for per cubic yard (cubic meter) and the pay item is "Select Granular Material". The project special provision "Select Granular Material" will be used to cover this item.

For shallow undercut, any undercut with a depth of 18 inches (457.2 mm) or less, Select Material Class IV will be used. This material will be paid for per ton (metric ton) and the pay item is "Select Material Class IV". Use a "G" for the description number and "SP" for the section number. The project special provision "Shallow Undercut" will be used to cover this item.

If the geotechnical report recommends select material for a project and there is only one quantity listed for Class II, Class III, and Class IV, contact Mr. Njoroge Wainaina of the Geotechnical Unit to get the quantity broken into two quantities as listed above.

Attached for your information are the project special provisions "Select Granular Material" and "Shallow Undercut".

If you have any questions, please contact Mr. Njoroge (George) Wainaina of the Geotechnical Unit at 250-4088.

JAG/JWW:jww

Attachments

- Mr. R. A. Garris, P.E.
- Mr. N. W. Wainaina, P.E.
- Mr. C. W. Moyers, P.E.
- Mr. J. V. Barbour, P.E.
- Mr. J. F. Ledbetter, P.E.