

U. S. Dept. of Agriculture  
Soil Conservation Service  
Engineering Division  
Design Branch

July 8, 1968

DESIGN NOTE NO. 3

Subject: Detail of Riprap Above Berm on Earth Dam

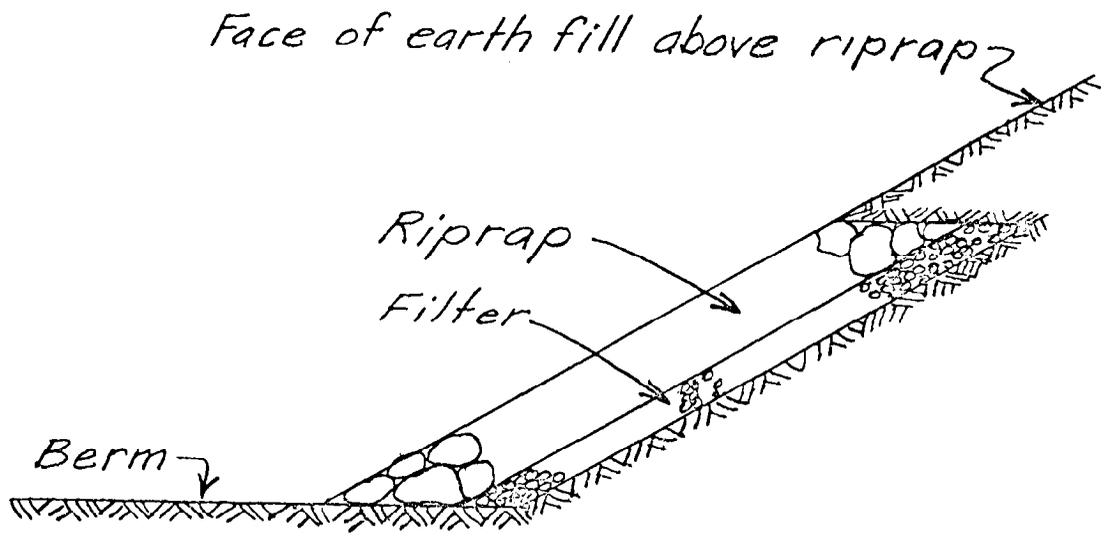
Advisory ENG-72 issued December 16, 1965, discussed a problem brought to our attention via the SCS-AGC Liaison Committee. It recommended the use of a riprap detail such as shown in the attached drawing as (b) ACCEPTABLE DETAIL.

This matter was brought to our attention again at a recent meeting of the SCS-AGC Liaison Committee. The detail shown in view (a) is still being shown on some SCS drawings for relatively thin riprap blankets on earth dam slopes. Obviously, the detail requires that placement of earth fill be halted at the elevation at top of riprap until all of the filter and riprap have been placed. Detail (a) unjustifiably restricts the construction sequence since the detail shown in view (b) is equally functional and does not apply the same restriction.

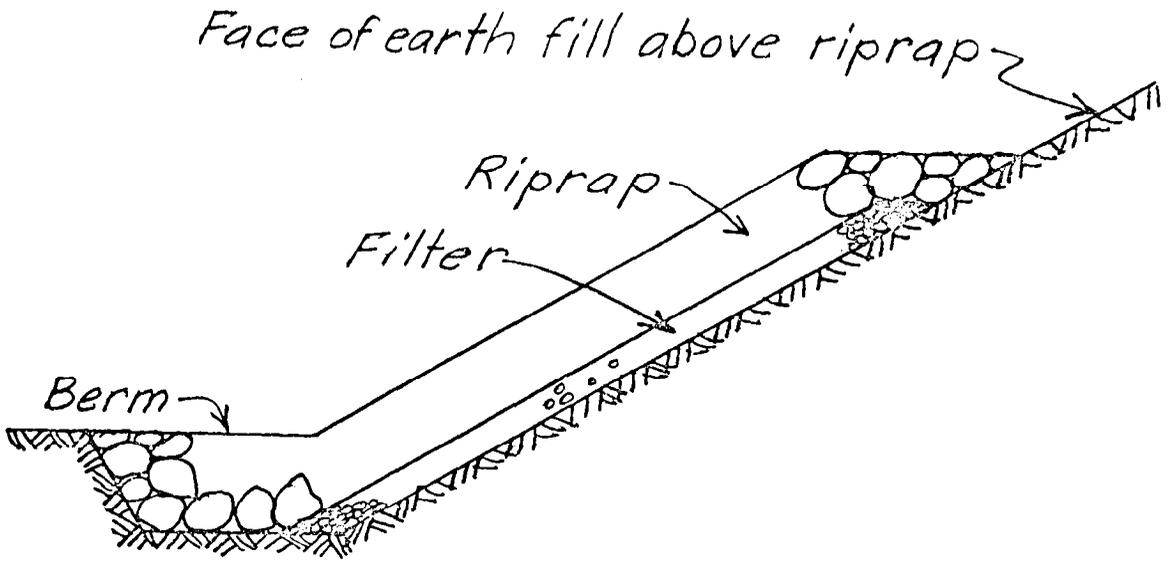
It is strongly recommended that details for riprap generally conform to the layout illustrated in detail (b) and that all plans, regardless of the date of preparation, be revised if necessary to conform to this recommendation.

Attachment





(a) UNACCEPTABLE DETAIL



(b) ACCEPTABLE DETAIL

