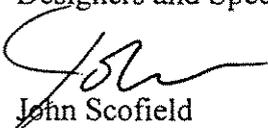


RIPRAP

DATE: July 2, 1996

TO: Designers and Specification Writers

FROM: 
John Scofield
Specifications Engineer

SUBJECT: Rip-rap backing.

In showing rip-rap and backing on projects use the bid item "Riprap Backing" unless you are specifically directed by the Bridge Section to use "Filter Blanket." Many projects are currently going out requiring the use of "Filter Blanket." Contractors often request a change to use a geotextile backing. These are usually approved, requiring a Change Order.

The bid item "Riprap Backing" allows a filter blanket or geotextile as the contractor chooses.

cc: Fred Gustafson
Design Team Leaders
Terry Shike
Ron Reisdorf
Dave Bryson
John Marks





STATE OF OREGON

INTEROFFICE MEMO

TO: TEAM LEADERS & DESIGNERS
FROM: *Duane O. Christensen*
Duane O. Christensen
Final Design Engineer
SUBJECT: Loose Riprap Details at Structures

DATE: November 25, 1980

Loose riprap at bridge ends and/or embankment slopes is a roadway item. Typical sections for loose riprap are to be shown on roadway plans, covering thickness, filter blanket, toe trench, etc. All quantities required are to be shown on roadway plan sheets. Do not refer to bridge drawings for these details.

The details for loose riprap around footings or piers will be shown on the structure plans. The quantities of riprap will be shown on the roadway plans. The roadway plans will refer to Sheet 1 for the drawing numbers for these details.

LKW:ab

cc: Lenn Wallace
Don Trout
Jack Sullivan



Contains
Recycled

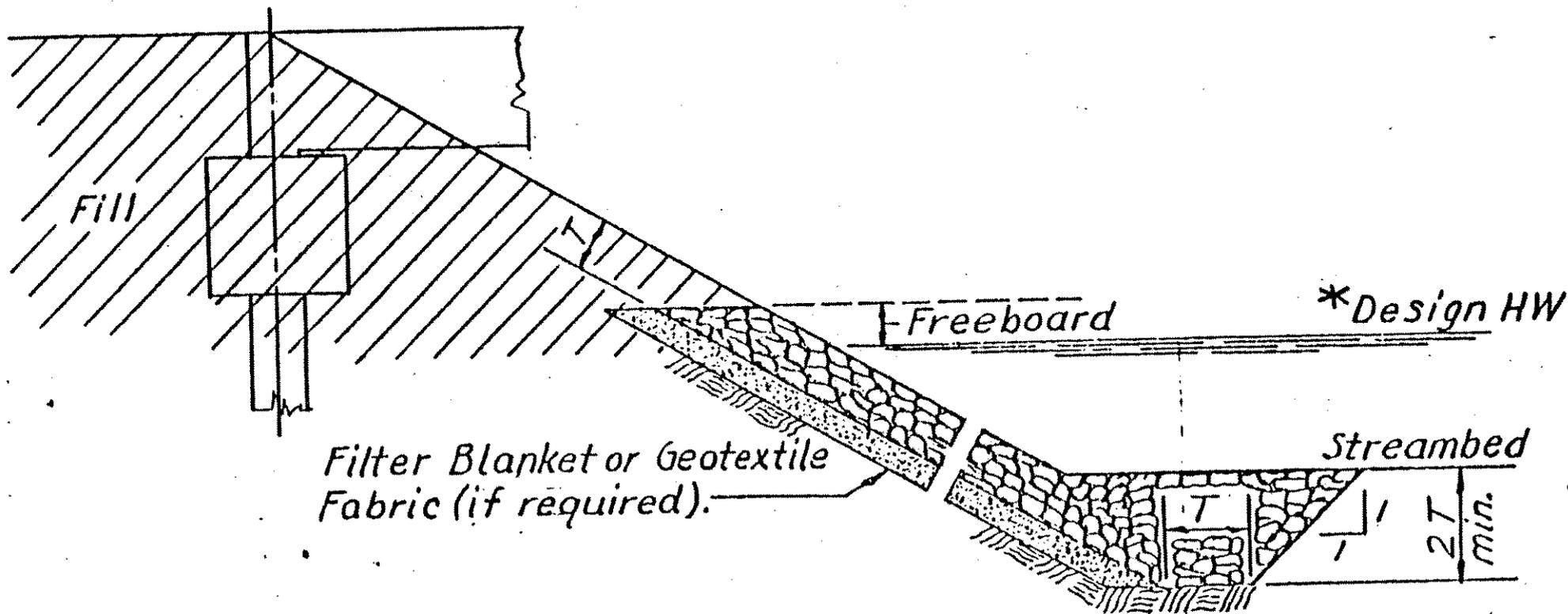
RIPRAP BLANKET & TOE DETAIL

Canv:
Notify your Designers

* The Design Highwater shall be shown on the Contract Plans Profile. If there is a riprap detail included on the plans it shall be shown there also.

NEM
5/12/85

RIP-RAP CLASS	T
50	12"
100	18"
700	36"
2000	48"



RIP-RAP DETAIL