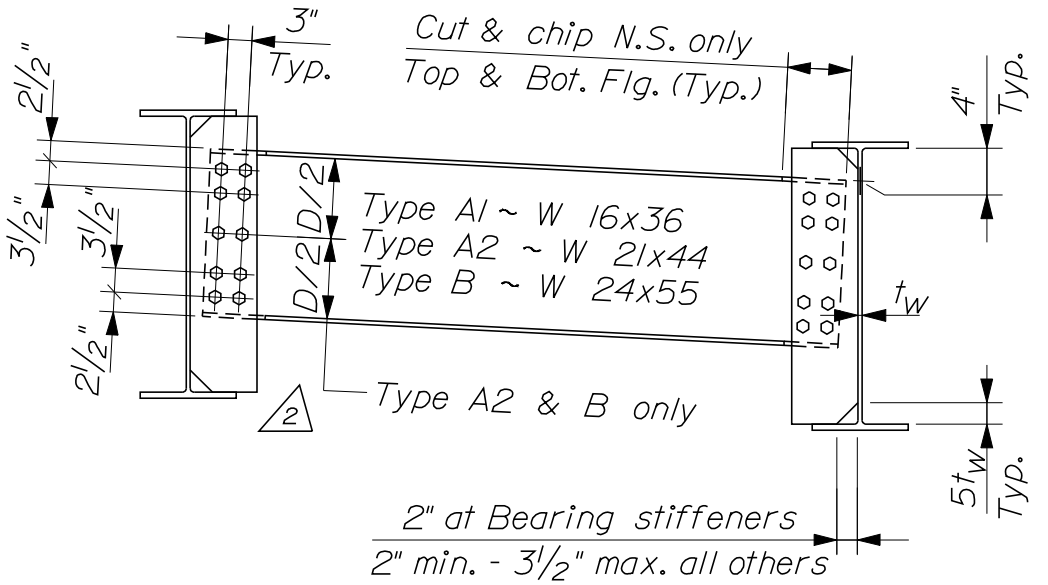
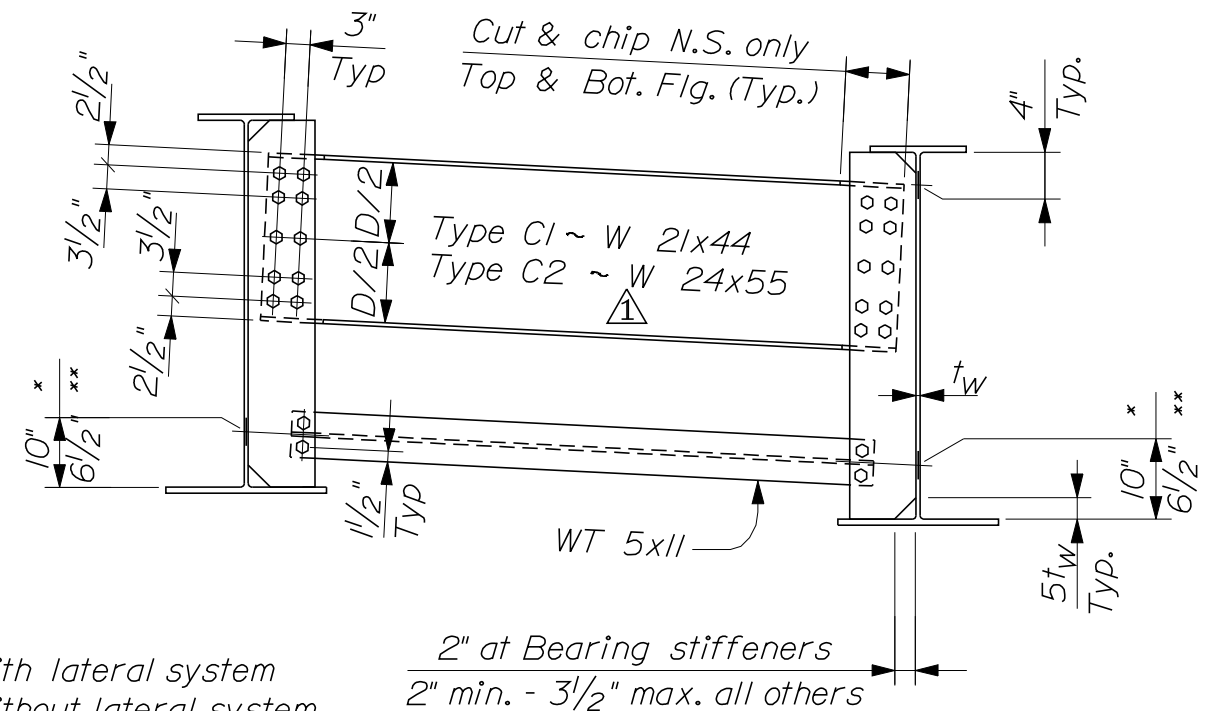


~ TYPE A1, A2, & B ~



* with lateral system
** without lateral system

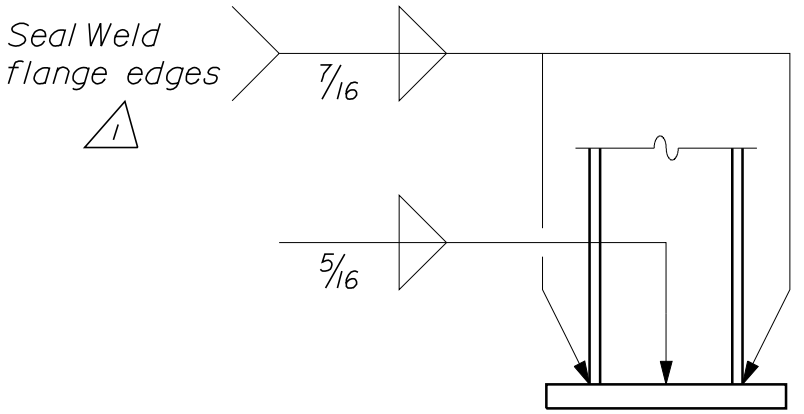
~ TYPE C1 & C2 ~

Supplemental
Standard Detail

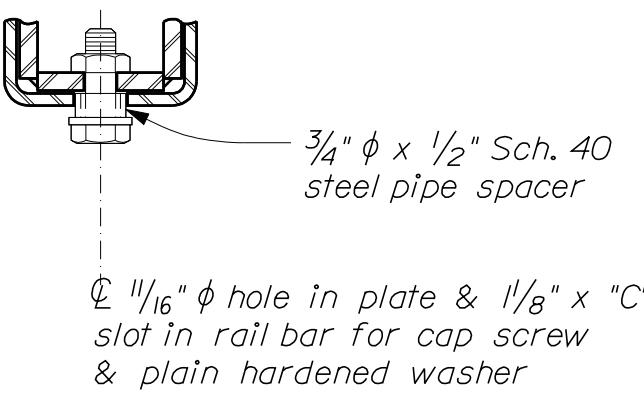
DIAPHRAGMS

Supersedes 504(15)

2 August 2010
1 Rev. 12/30/02

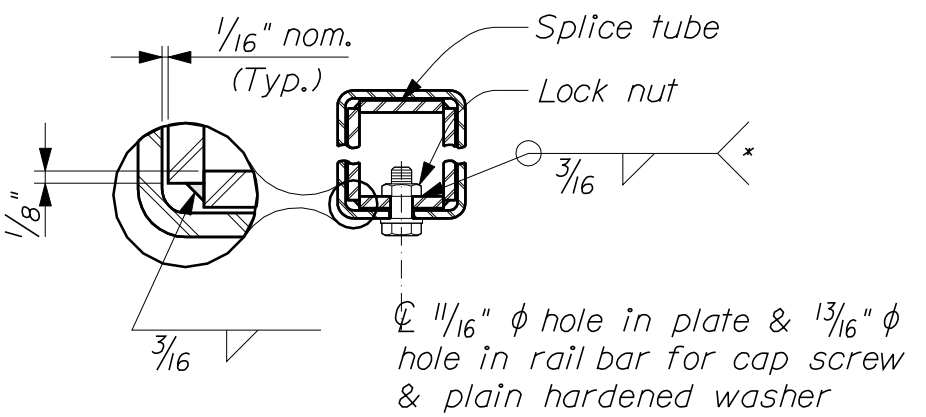


~ BASE WELD DETAIL ~



~ EXPANSION JOINT SECTION ~

For details not shown, see "Rail Bar Splice Section"



~ RAIL BAR SPLICE SECTION ~

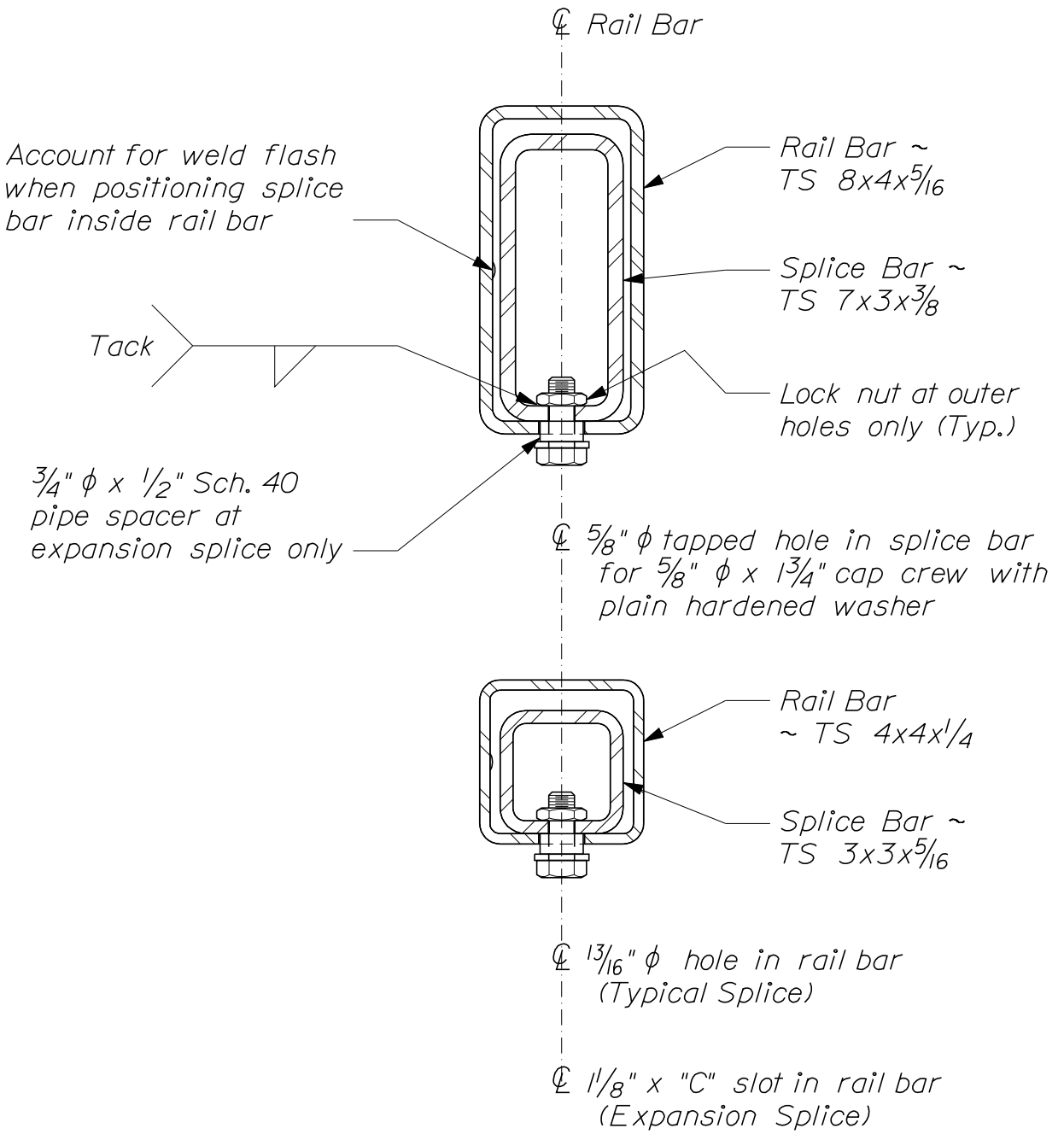
* Weld nuts to plate before assembling splice tube

Supplemental
Standard Detail

STEEL BRIDGE RAILING

Supersedes 507(09)

1 August 2010



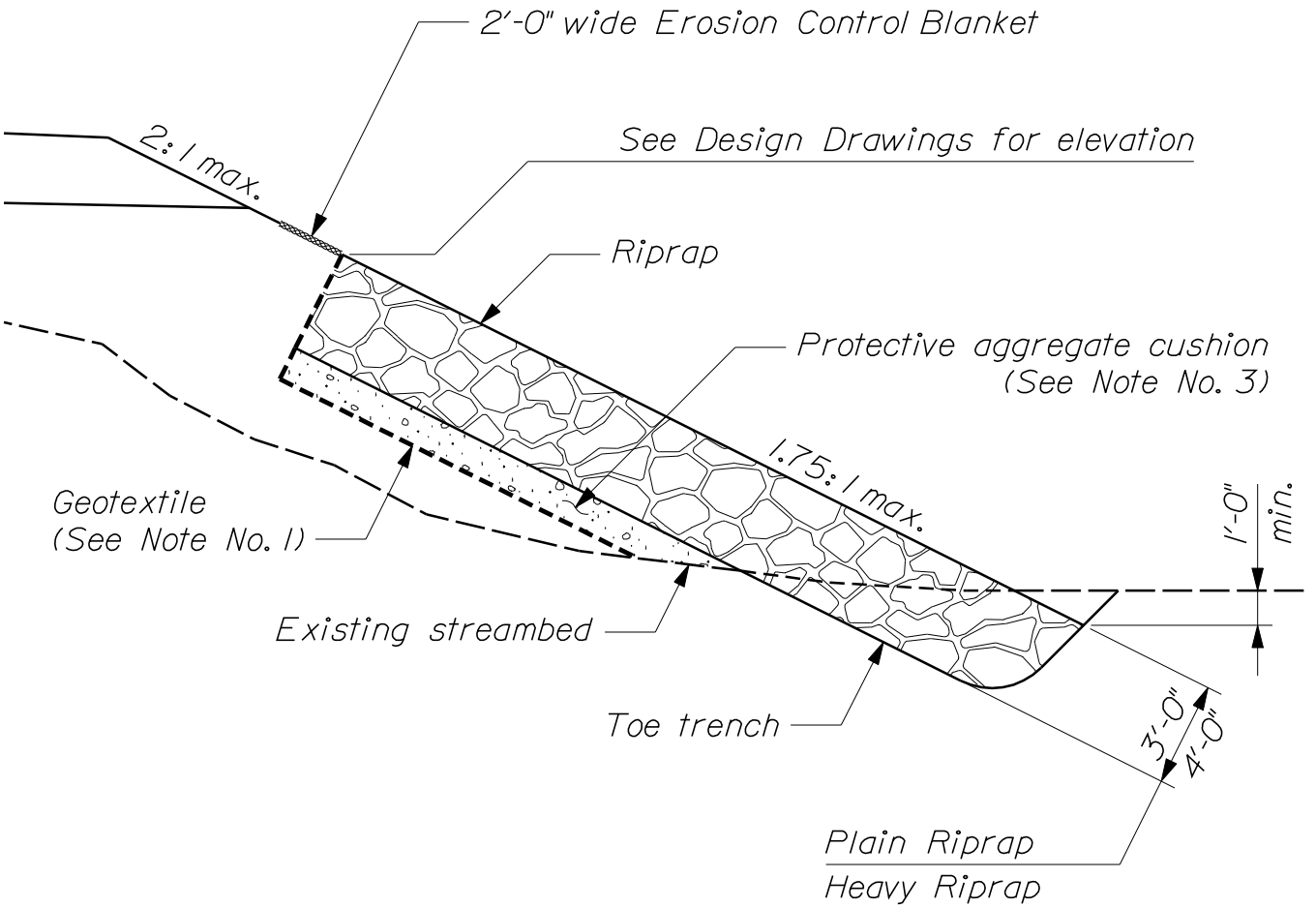
-- OPTIONAL RAIL BAR SPLICE SECTION --
(Details Typical for both rail bars)

Supplemental Standard Detail

STEEL BRIDGE RAILING

507(09A)

August 2010



~ PLAIN OR HEAVY RIPRAP SIDE SLOPE ~

NOTES:

1. Geotextile shall be Class 1, Non - woven, Erosion Control Geotextile (loosely placed) meeting the requirements of Standard Specification 722.03.

2. Refer to Standard Detail 620(05) for specific details on geotextile placement.

3. Protective aggregate cushion shall be a minimum of 12 inches thick and shall meet the requirements of 703.19, Granular Borrow - Material for Underwater Backfill

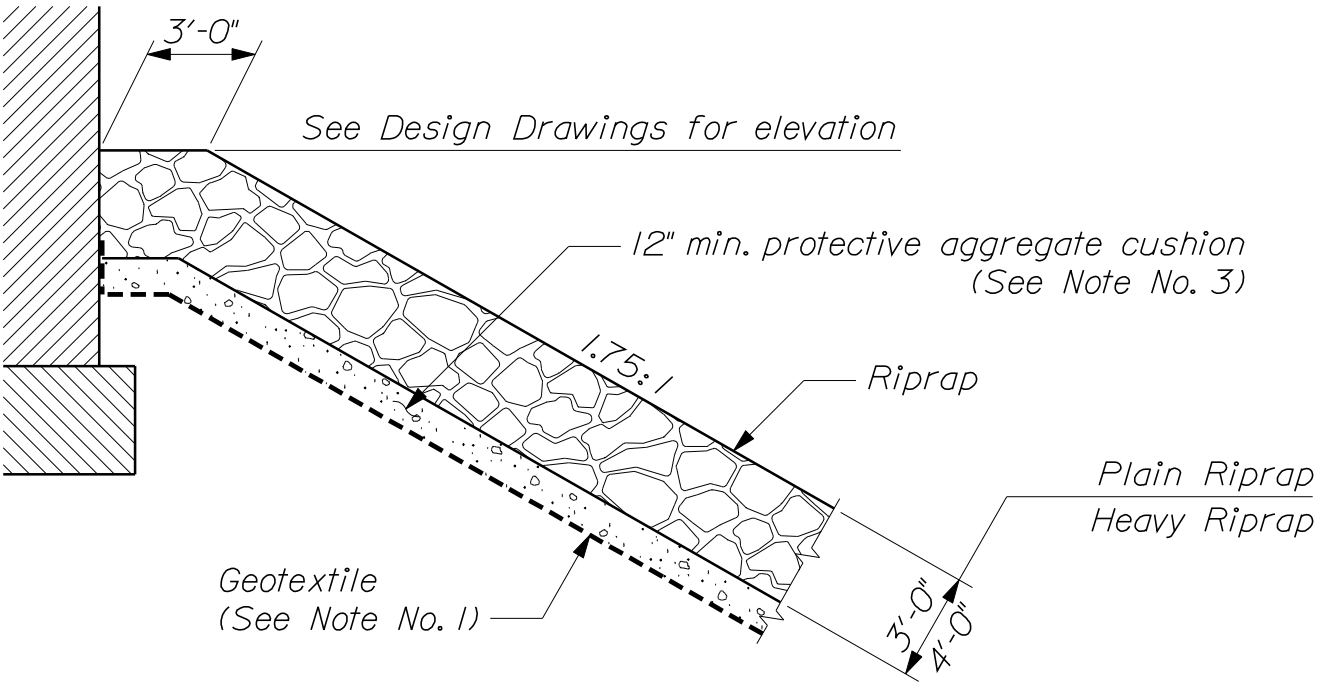
4. Use of Plain or Heavy Riprap shall be as shown on the Design Drawings.

Supplemental Standard Detail

STONE SCOUR PROTECTION

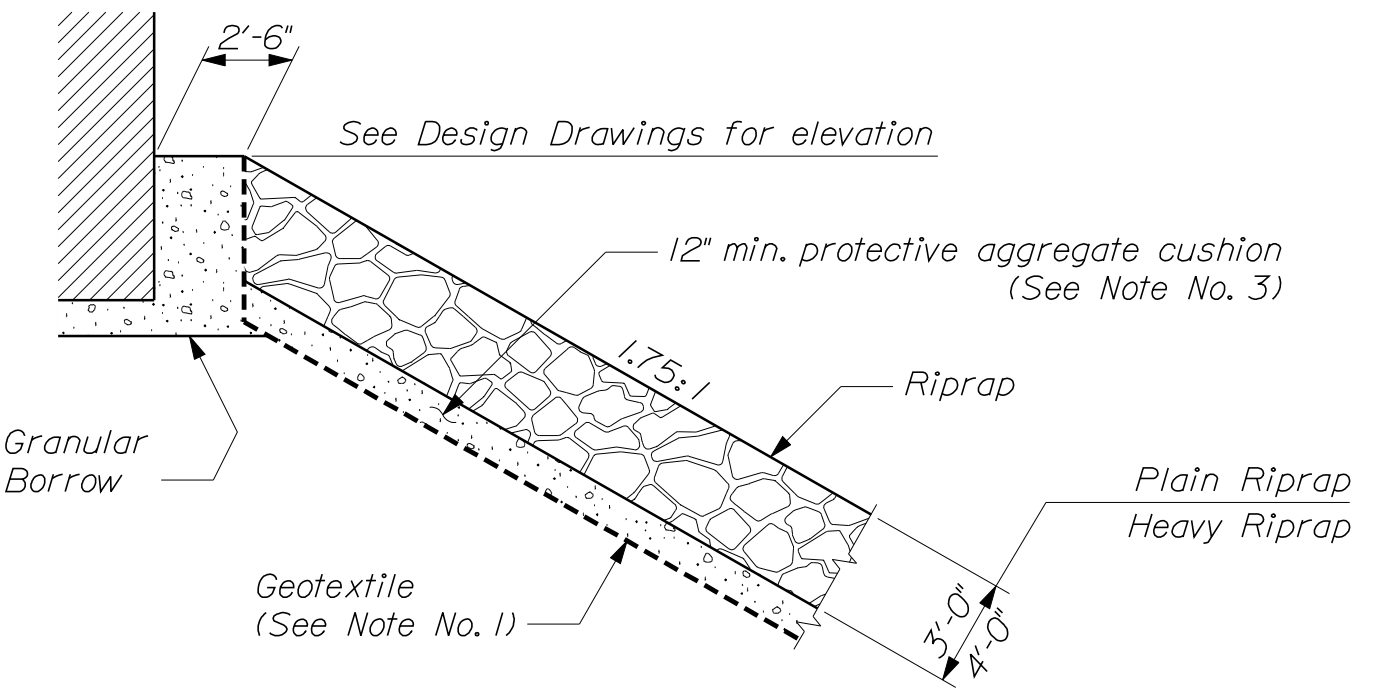
Supersedes 610(02)

August 2010



~ RIPRAP SLOPE AT TRADITIONAL ABUTMENT ~

Note: Work these details with Standard Detail 610(02)



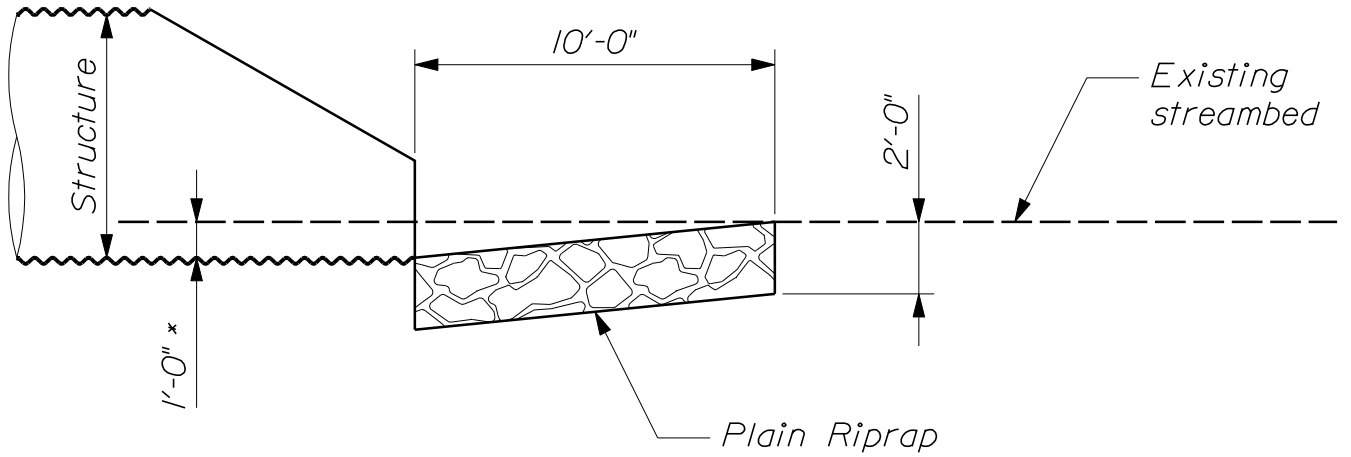
~ RIPRAP SLOPE AT INTEGRAL ABUTMENT ~

Supplemental Standard Detail

STONE SCOUR PROTECTION

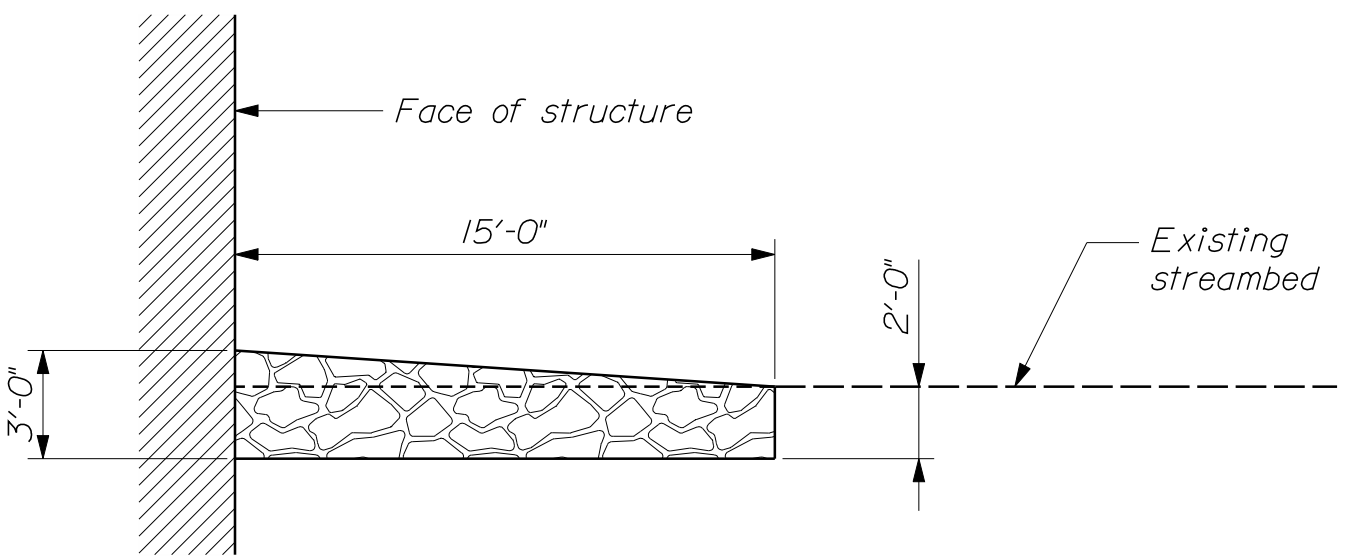
Supersedes 610(03)

August 2010



~ PLAIN RIPRAP APRON ~

* Or as specified on the Design Drawings



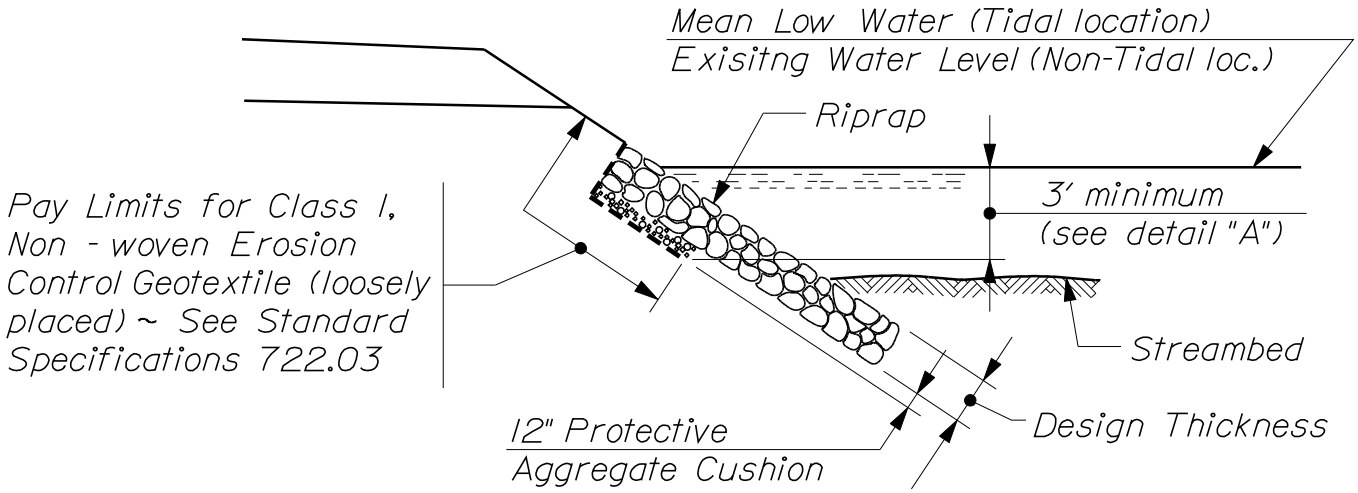
~ STONE BLANKET ~

STONE SCOUR PROTECTION

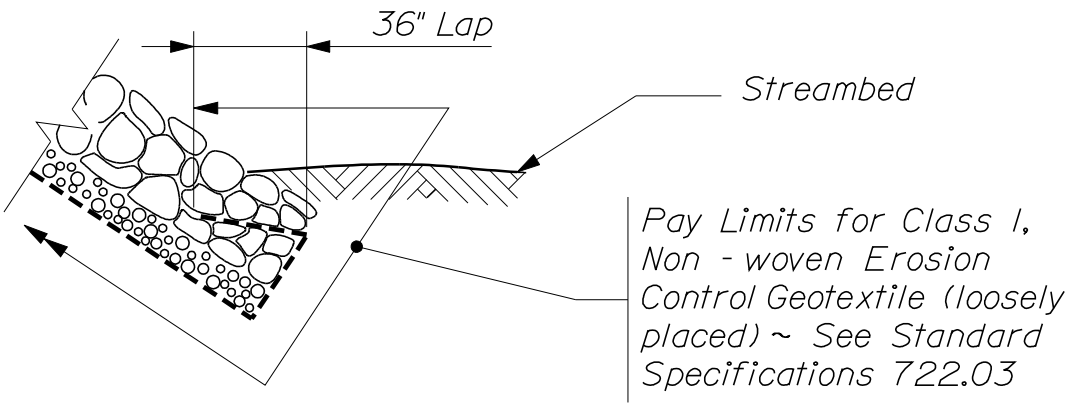
Supplemental Standard Detail

Supersedes 610(04)

August 2010

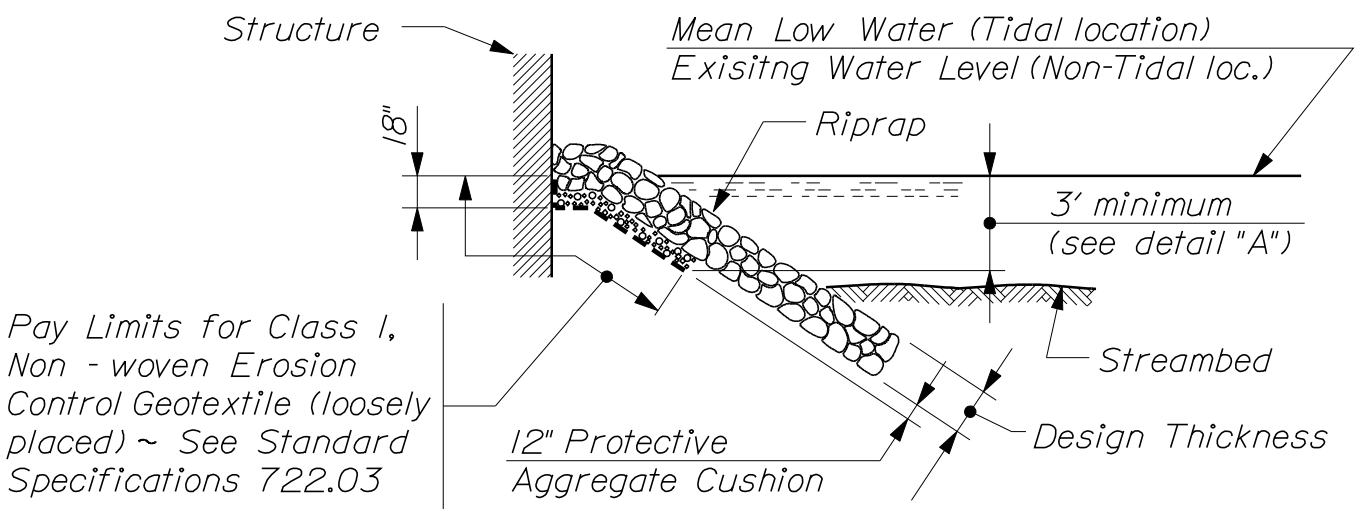


~ AT ROADWAY SLOPES ~



~ DETAIL "A" ~

(For use where water depth is less than 3')



~ AT STRUCTURE ~

GEOTEXTILE PLACEMENT FOR PROTECTION OF SLOPES ADJACENT TO STREAMS & TIDAL AREAS

Supplemental Std. Detail Supersedes 620(05) August 2010