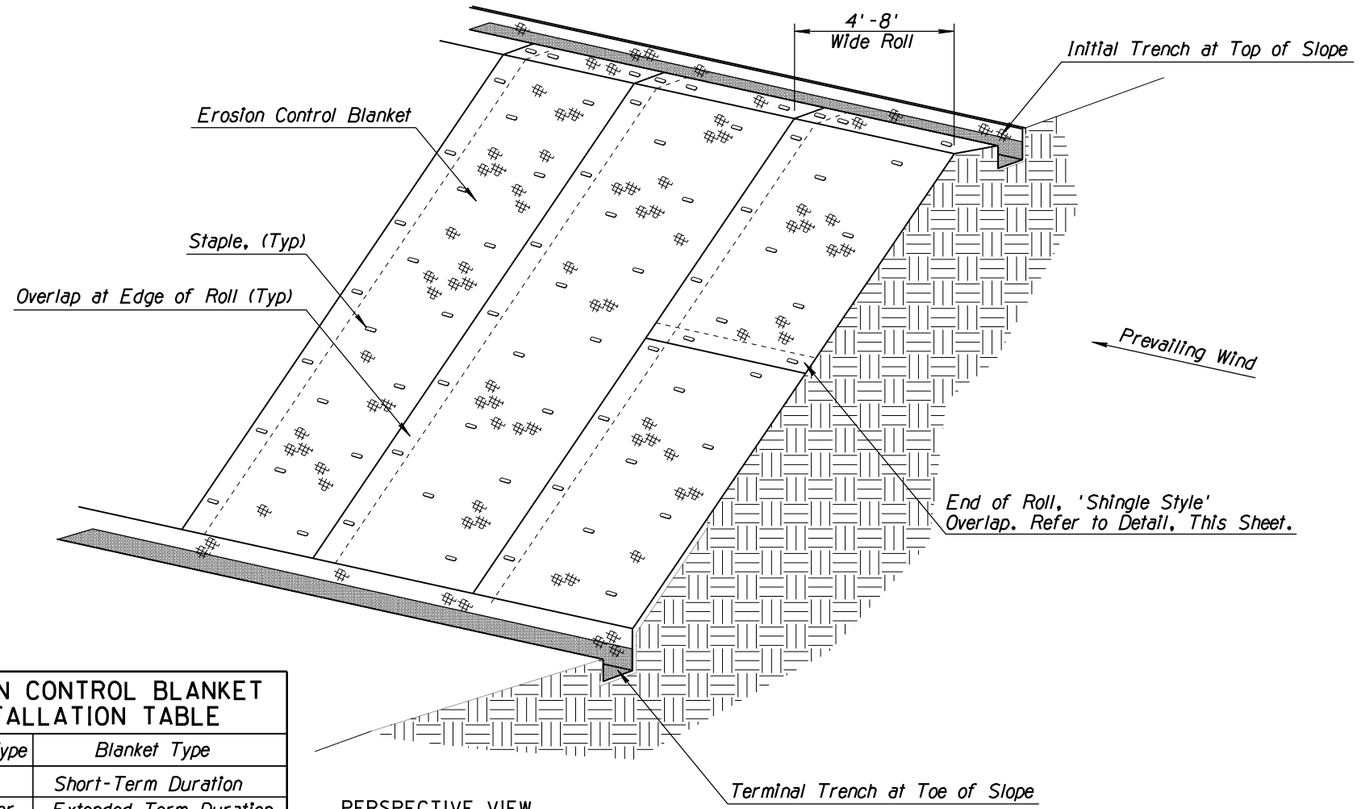
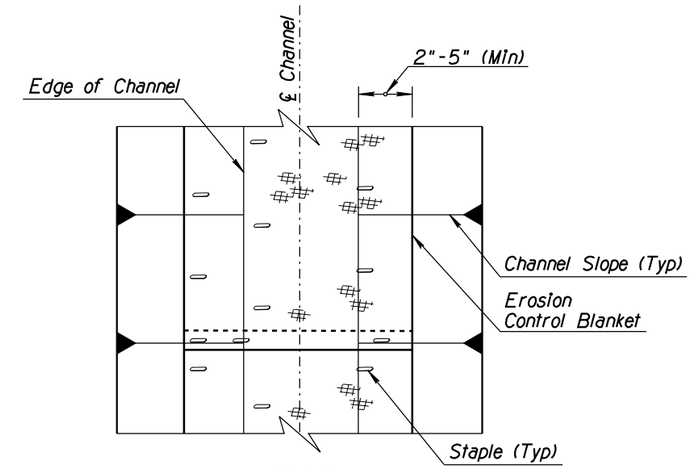
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				



PERSPECTIVE VIEW

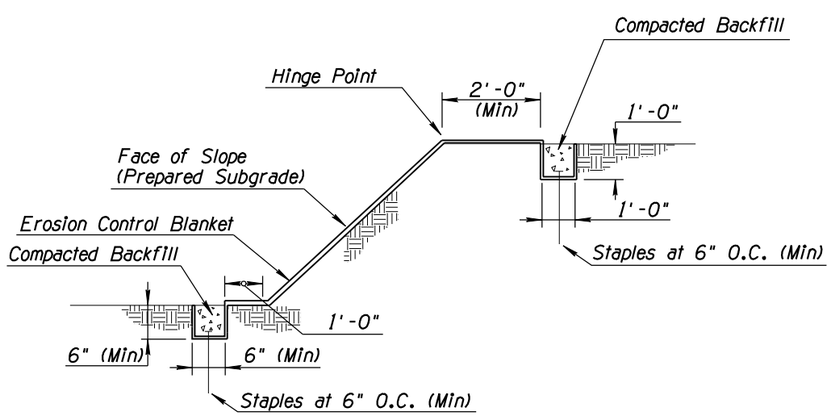


PLAN
CHANNEL INSTALLATION
(N.T.S.)

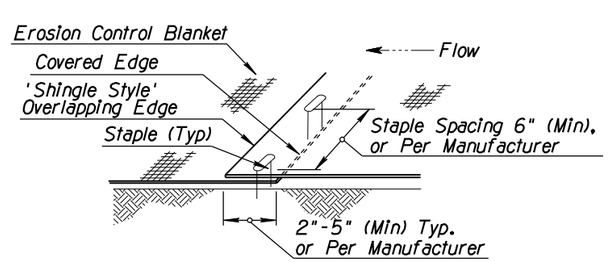
EROSION CONTROL BLANKET INSTALLATION TABLE	
Slope Ratio/Type	Blanket Type
4:1 - 2:1	Short-Term Duration
2:1 - Steeper	Extended Term Duration
Channel Install	Extended Term Duration

NOTES:

1. Grade and compact area to receive Erosion Control Blanket as directed and approved by Engineer. Subgrade shall be uniform and smooth. Remove all rocks, clods, vegetation and other objects to ensure Erosion Control Blanket will have direct contact with soil surface.
2. If seeding and/or amendments are to be used on soil surface, prepare soil as described in Special Provisions. Apply seeding to soil surface before installing blanket. Disturbed areas shall be reseeded.
3. Excavate trenches at top and toe of slopes to bury edges of Blanket.
4. Install Blanket at the downstream end of prevailing winds, place roll end into trench and secure with stapling devices, spaced according to manufacturer's recommendations. Position adjacent rolls and secure in trench in same manner. Backfill and compact soil into trench as directed and approved by Engineer. Unroll Blanket up the slope over the compacted trench. Continue installation as described above, overlapping adjacent blanket rolls according to manufacturer's recommendations.
5. Secure Blanket using U-shaped staples, 11 ga. steel wire, 1" x 6" or 2" x 8". Install staples at the manufacturer's recommended frequency and pattern, paying close attention to slope length and grade, which may change staple spacing and frequency.
6. Staple, backfill and compact end of Blanket in trench at toe of slope.
7. Metal staples shall be driven flush to the soil surface and have sufficient ground penetration to resist pullout. Refer to Specifications.
8. Tracked equipment shall not be allowed on the Blanket.
9. Refer to Standard Specification Section 810-2.05(A) for Erosion Control Blanket material specifications.



TRENCH AT TOE OF SLOPE



OVERLAP AT ROLL END DETAIL

DETAIL E12

EROSION CONTROL BLANKET

	NAME	DATE
DESIGN	TAO ZI FONG	05-2011
DESIGN	HAN MENG	05-2011
DRAWN	TAO ZI FONG	05-2011
DRAWN	HAN MENG	05-2011
CHECKED	E LEROY BRADY	05-2011
TEAM LEADER	E LEROY BRADY	05-2011
ROUTE	MP	LOCATION

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADSIDE DEVELOPMENT SECTION

STORMWATER QUALITY PROTECTION & EROSION/SEDIMENT CONTROL DETAILS

SHEET OF

TRACS NO.

___ OF ___

NO.1 DESCRIPTION OF REVISION MADE BY DATE
NO.2 DESCRIPTION OF REVISION MADE BY DATE