

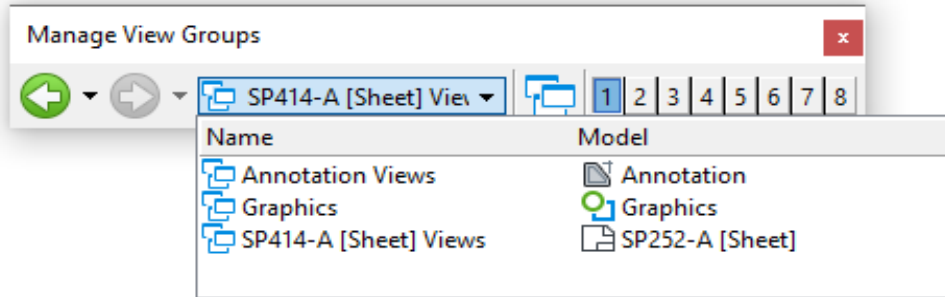
# Notes to the Designer

Updated February 2024

## Rolled Erosion Control Product in Channel

### General Information

- Printing should be done from the **[Sheet]** View model



- **Appropriate Applications.** Erosion control blankets may be used for temporary or permanent soil stabilization in drainage channels. Blankets lessen the impact of soil erosion due to wind or water and provide a mulching layer for the establishment of vegetation. Erosion control blankets may be made of a variety of materials, such as jute, straw, or excelsior, providing variable longevity.
- **Limitations.** Erosion control blankets are typically used in ditches with velocities less than 9 ft/s. Erosion control blankets may be used under riprap check dams on steep slopes.
- **Layout Guidance.** Show locations of matting in the erosion and sediment control plans. Use the pattern EC\_MAT in the cell library CFL\_ErosionControl.cel.

### Applicable SCRs

- **None for FP-24**
- **Section 629 (FP-14):** <https://flh.fhwa.dot.gov/resources/specs/fp-14/cfl/documents/S629-14.docx>

### Typical Pay Item Used

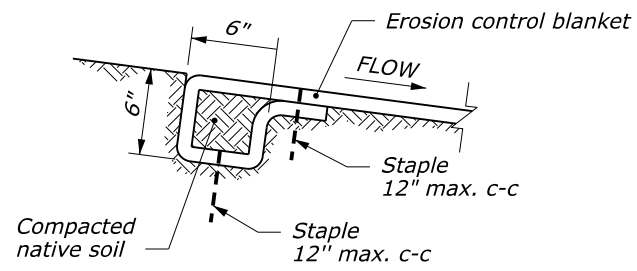
- 62901-[0100 through 1400] Rolled erosion control product, type xx [SQYD] OR
- 62902-[0100 through 1400] Rolled erosion control product, type xx [ACRE]

### Updates

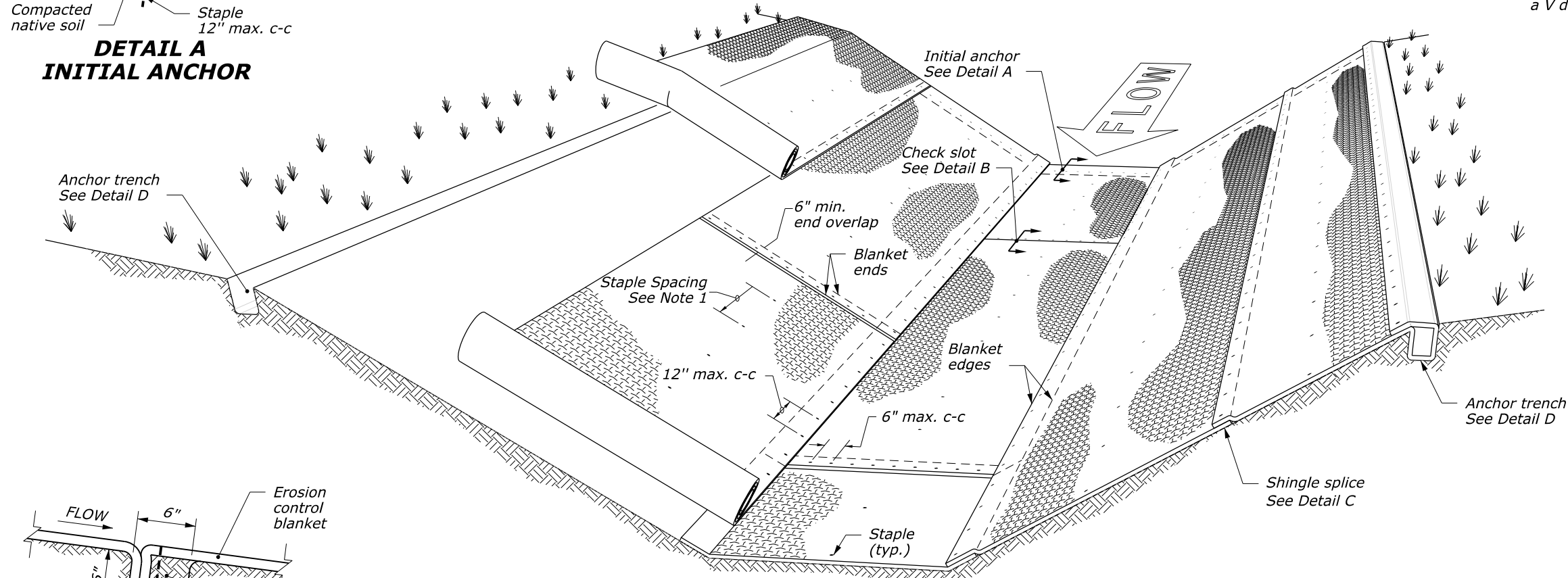
- **January 2011**
  - New CFL Detail drawing
- **August 2014**
  - Updated for FP-14
  - Updated Border
- **October 2021**
  - Updated for OpenRoads Designer
- **February 2024**
  - Updated border; Updated for FP24

**NOTE:**

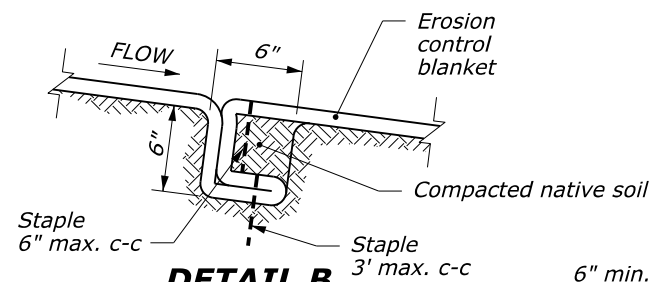
1. Install staples according to the manufacturer's recommendations.
2. Provide check slots according to the manufacturer's recommendations.
3. Roll ends may be spliced in a check slot.
4. Trapezoidal ditch shown. Similar details for a V ditch.



**DETAIL A  
INITIAL ANCHOR**

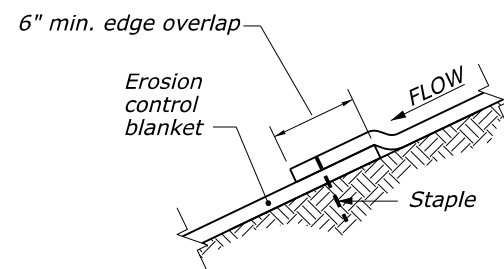


**PERSPECTIVE VIEW**

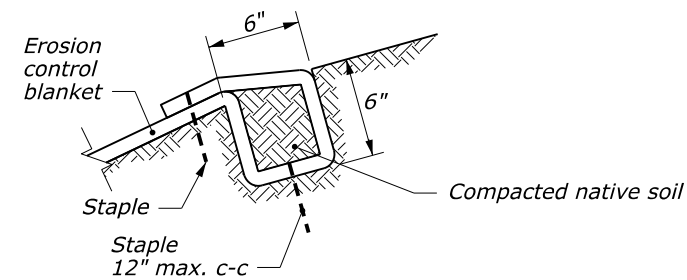


**DETAIL B  
CHECK SLOT**

See Note 2



**DETAIL C  
SHINGLE SPLICE**



**DETAIL D  
ANCHOR TRENCH**

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION, FHWA OFFICE OF FEDERAL LANDS HIGHWAY	CFLHD DETAIL C629-51
<b>ROLLED EROSION CONTROL PRODUCT IN CHANNEL</b>	SPECIFICATION FP-24, FP-14
	APPROVED FOR USE 06/2024