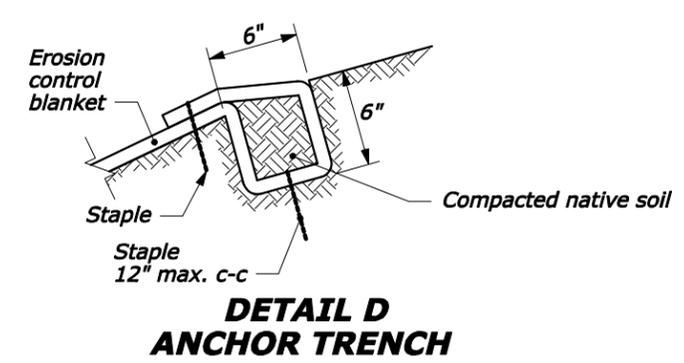
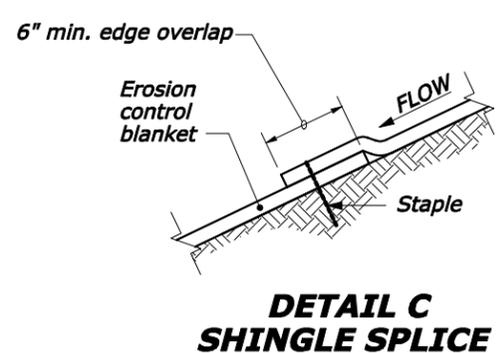
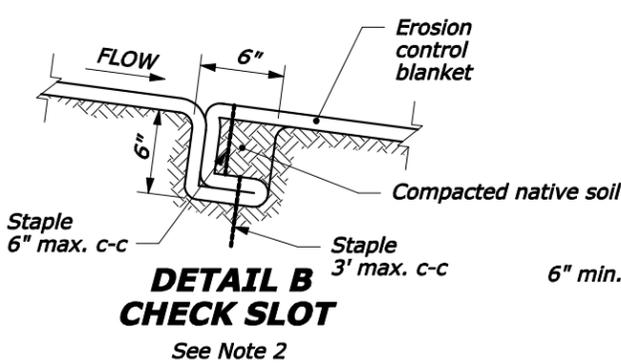
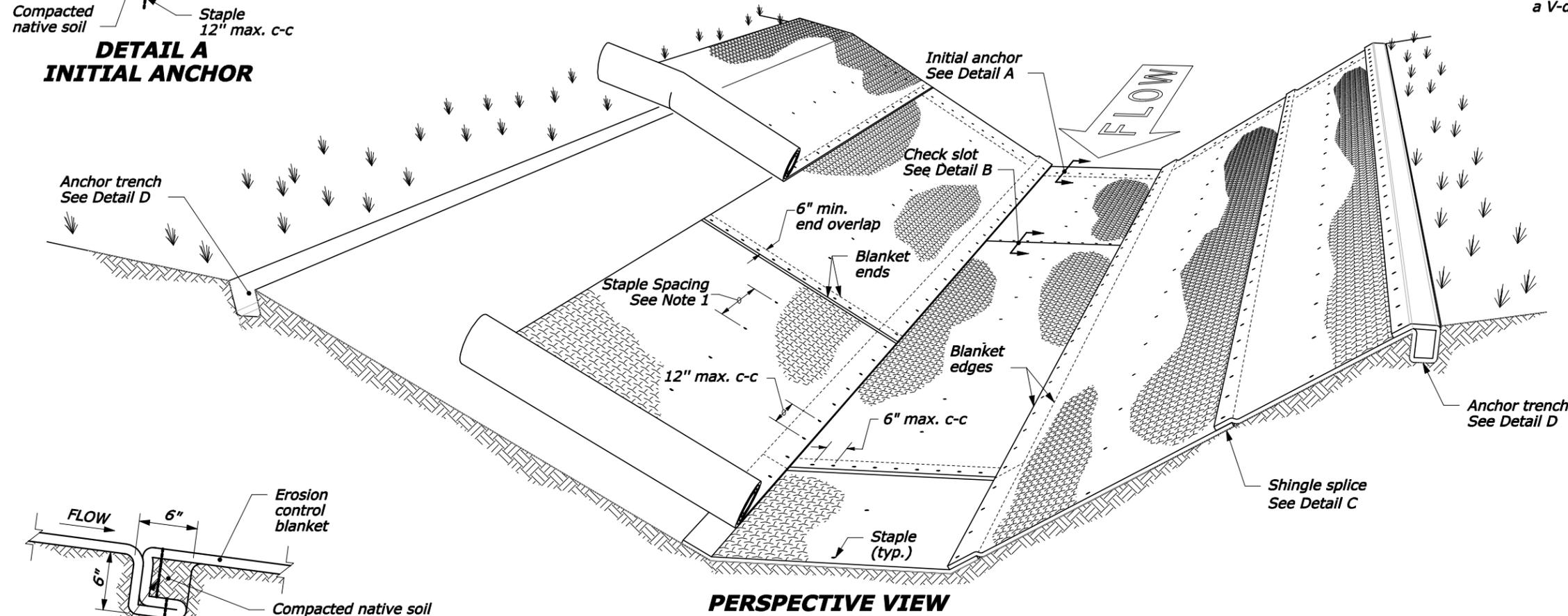
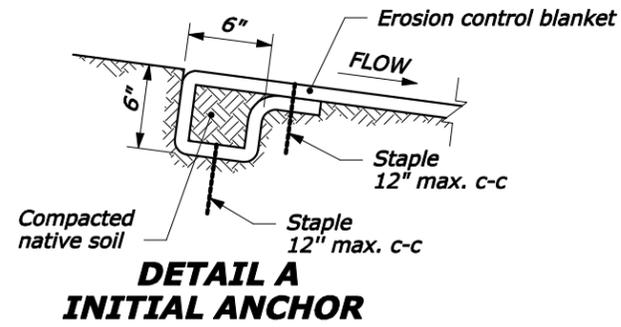


REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
.	.	.	.	.

**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.



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U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION CENTRAL FEDERAL LANDS HIGHWAY DIVISION	
<b>U.S. CUSTOMARY DETAIL ROLLED EROSION CONTROL PRODUCT IN CHANNEL</b>	
DETAIL APPROVED FOR USE 01/2011	DETAIL C629-51
NO SCALE	REVISED:

## NOTES TO THE DESIGNER

Last Updated: January 2011

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### General Information

1. **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.
2. **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
3. **Layout Guidance.**
  - Show locations of matting in the erosion and sediment control plans. Use the pattern MAT in the cell library EC\_X30.cel.

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### Applicable SCRs

1. Section 157:  
[http://www.cflhd.gov/design/documents/construction/scr\\_03/S157-03E.doc](http://www.cflhd.gov/design/documents/construction/scr_03/S157-03E.doc)
2. Section 629:  
[http://www.cflhd.gov/design/documents/construction/scr\\_03/S629-03E.doc](http://www.cflhd.gov/design/documents/construction/scr_03/S629-03E.doc)

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### 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]

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### Updates

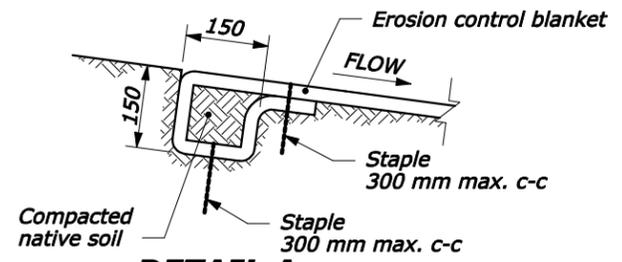
January 2011

- New Detail drawing

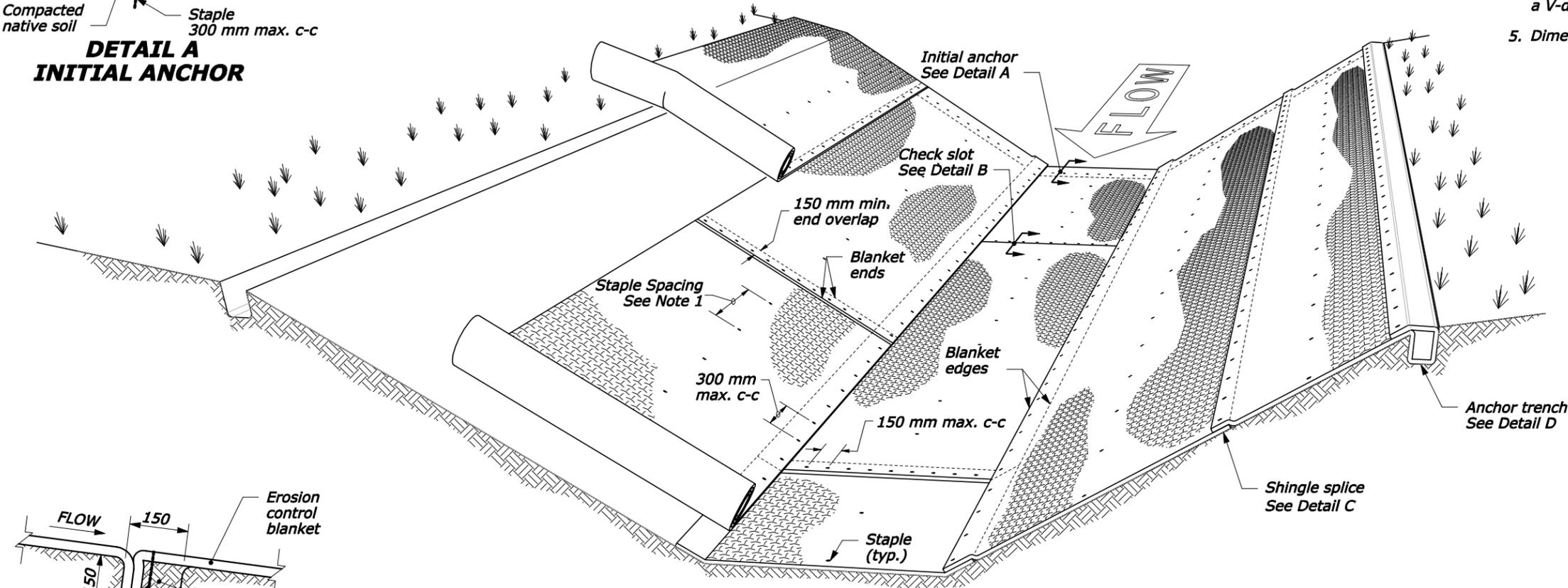
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
.	.	.	.	.

**NOTE:**

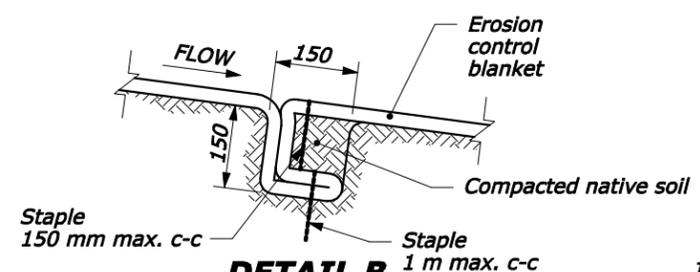
1. Install staples according to the manufacturer's recommendations.
2. Provide check slots according to the manufacturer's recommendations.
3. Roll ends may be spliced in a check slot.
4. Trapezoidal ditch shown. Similar details for a V-ditch.
5. Dimensions without units are millimeters.



**DETAIL A  
INITIAL ANCHOR**

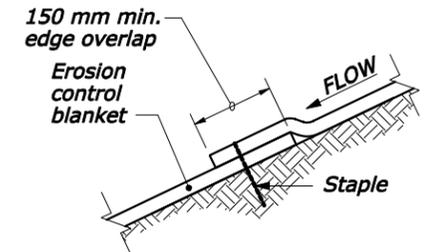


**PERSPECTIVE VIEW**

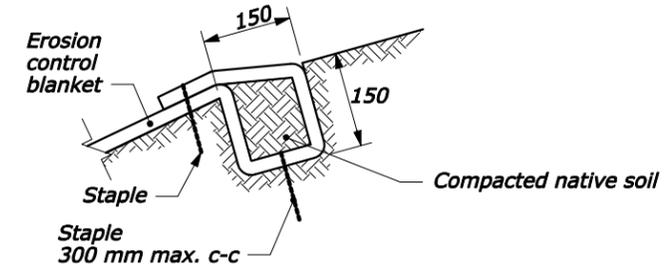


**DETAIL B  
CHECK SLOT**

See Note 2



**DETAIL C  
SHINGLE SPLICE**



**DETAIL D  
ANCHOR TRENCH**

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1/7/2011

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION CENTRAL FEDERAL LANDS HIGHWAY DIVISION	
METRIC DETAIL <b>ROLLED EROSION CONTROL PRODUCT IN CHANNEL</b>	
DETAIL APPROVED FOR USE 01/2011	DETAIL <b>CM629-51</b>
NO SCALE	REVISED:

## NOTES TO THE DESIGNER

Last Updated: January 2011

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### General Information

1. **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.
2. **Limitations.**
  - Erosion control blankets are typically used in ditches with velocities less than 3 m/s
  - Erosion control blankets may be used under riprap check dams on steep slopes
3. **Layout Guidance.**
  - Show locations of matting in the erosion and sediment control plans. Use the pattern MAT in the cell library EC\_X30.cel.

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### Applicable SCRs

1. Section 157:  
[http://www.cflhd.gov/design/documents/construction/scr\\_03/S157-03M.doc](http://www.cflhd.gov/design/documents/construction/scr_03/S157-03M.doc)
2. Section 629:  
[http://www.cflhd.gov/design/documents/construction/scr\\_03/S629-03M.doc](http://www.cflhd.gov/design/documents/construction/scr_03/S629-03M.doc)

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### Typical Pay Item Used

- 62901-[0100 through 1400] Rolled erosion control product, type xx [m2] OR
- 62902-[0100 through 1400] Rolled erosion control product, type xx [ha]

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### Updates

January 2011

- New Detail drawing