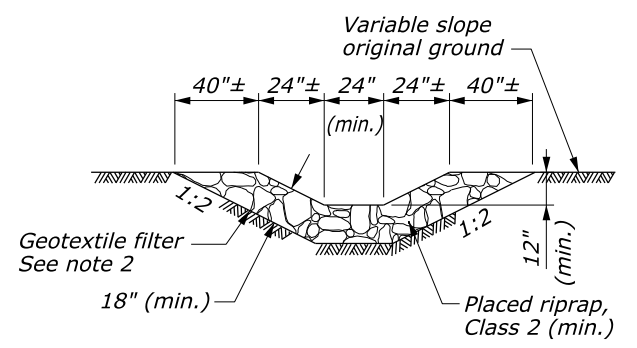
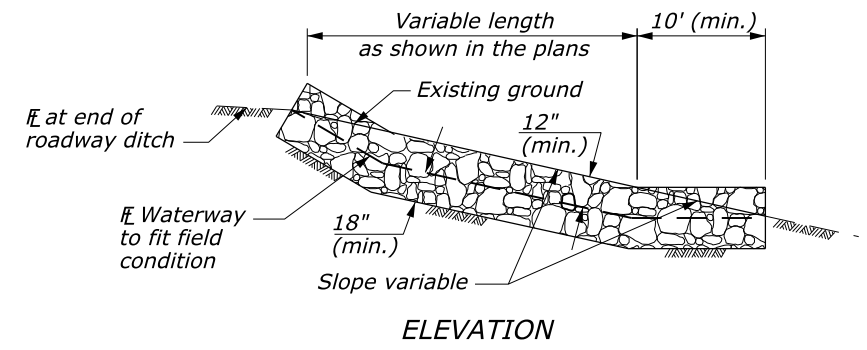
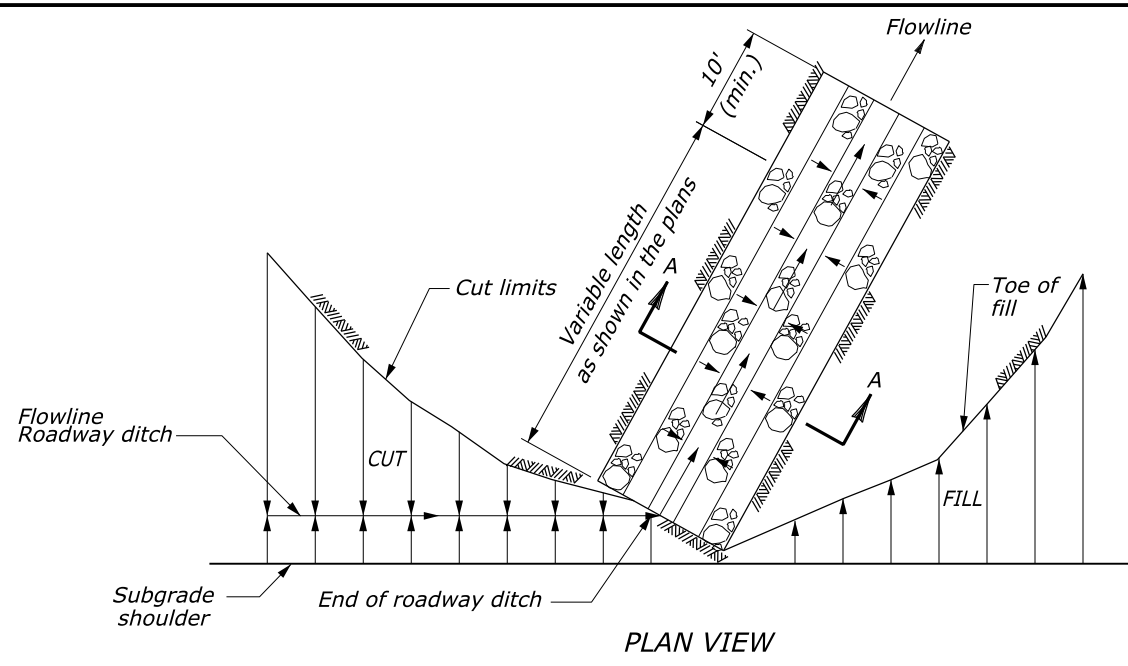


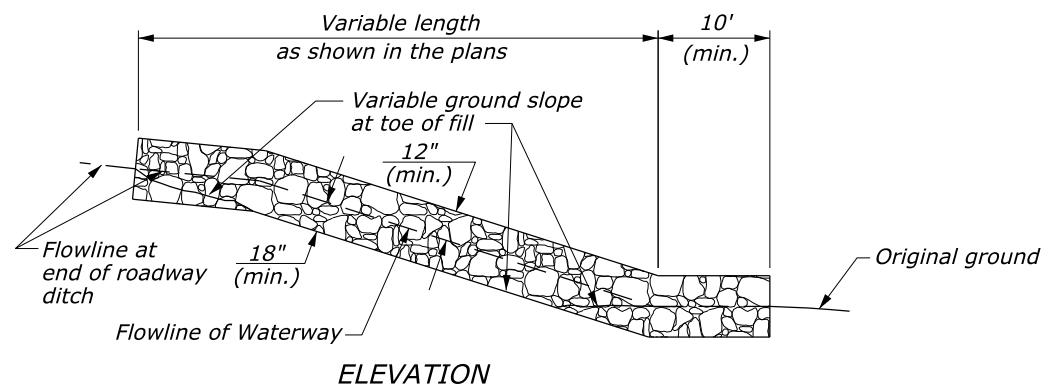
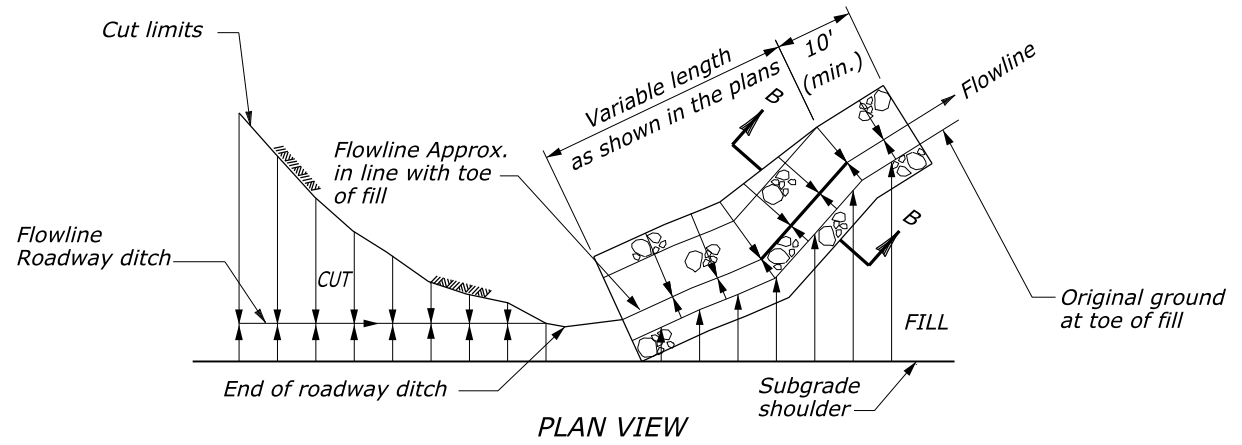
**NOTE:**

1. Excavation for placement of riprap will not be measured for payment.
2. Furnish geotextile filter type conforming to Subsection 714.01 (a). See summary tables for class and type.

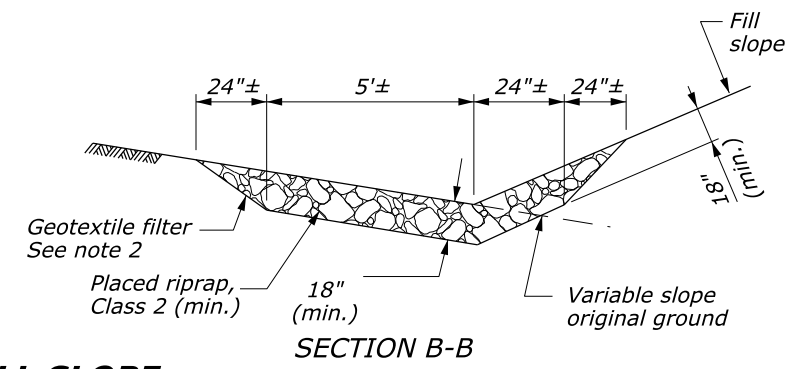


**TYPE 1 - NOT CONTIGUOUS TO FILL SLOPE**  
( $Q_{max} = 5$  cfs)

SECTION A-A



**TYPE 2 - CONTIGUOUS TO FILL SLOPE**  
( $Q_{max} = 5$  cfs)



NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION CENTRAL FEDERAL LANDS HIGHWAY DIVISION	
U.S. CUSTOMARY DETAIL	
<b>PLACED RIPRAP BETWEEN CUT AND FILL</b>	
DETAIL APPROVED FOR USE	DETAIL
REVISED: 08/2006 08/2014 08/2020	C251-51

User: Angela.Johnson\_

10:25:02 AM N:\CFL-DPT\Drawings\FP-14\FP14\_Details\C251-51.dgn

8/28/2020



## NOTES TO THE DESIGNER

Last Updated: August 2020

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### General Information

1. **Maximum Flow.**  $Q_{\max} = 5$  cfs. For other flows, use the Hydraulics Toolbox

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### Applicable SCRs

1. None

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### Typical Pay Items Used

- 25101-2200 Placed riprap, method B, class 2
- Geotextile quantity is shown for information only

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### Updates

March 2009

- Added  $Q_{\max}$
- Minor drafting edits

October 2000

- Updated border to FLH Standard

February 2005

- Updated to MicroStation V8

August 2014

- Updated for FP-14
- Updated border

August 2020

- Updated geotextile note