

Notes to the Designer

Updated September 2023
Riprap Rundown at Culvert Inlet

General Information

- All graphics and text will be in the design and drawing models. Only use the sheet model for printing.
- **Maximum Flow**
 $Q_{\max} = 17$ cfs for a 24" culvert. For other flows, use the Hydraulic Toolbox

Applicable SCRs

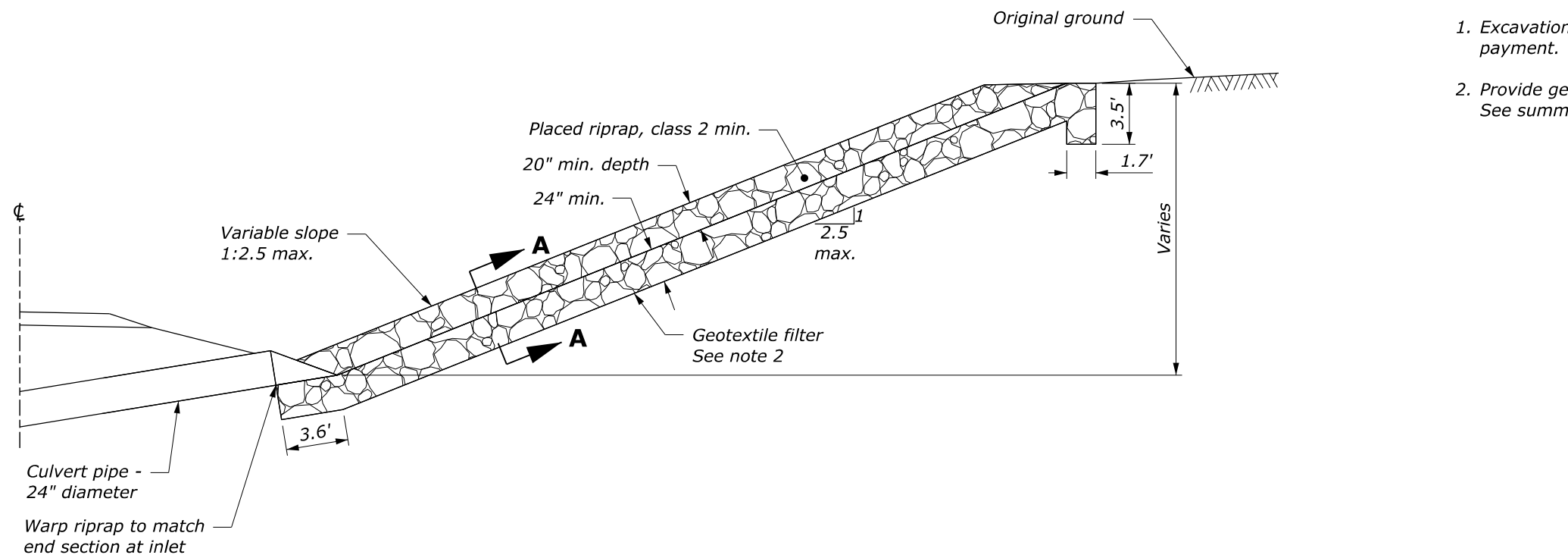
- None

Typical Pay Item Used

- 25101-2300 Placed riprap, method B, class 2 [CUYD]
- 60201-0800 24-inch pipe culvert [LNFT]
60210-0800 End section for 24-inch pipe culvert [EACH]
- Geotextile quantity shown for information only

Updates

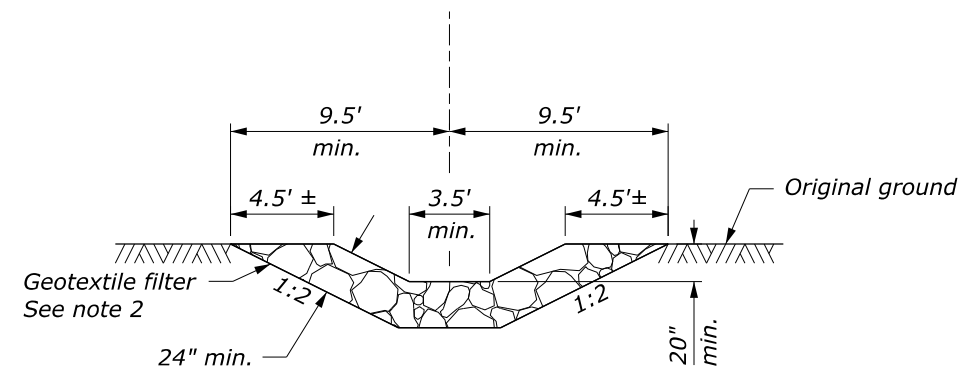
- **May 2021**
 - Updated for OpenRoads Designer
- **September 2023**
 - Updated border; updated to international feet seed file



ELEVATION

NOTE:

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



SECTION A-A

**RIPRAP RUNDOWN AT 24" CULVERT INLET
(Q_{max} = 17 cfs)**

NO SCALE

<p>RIPRAP RUNDOWN AT CULVERT INLET</p>	<p>SPECIAL 251-A</p>
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