

- Appropriate Applications

Fiber Rolls may be used at culverts for inlet or outlet protection to prevent disturbed soils from entering the flowline of the culvert or sloughing into the end section.

Layout Guidance.

When all the disturbance is above the culvert on the roadway and fill slopes, wrap the fiber rolls around the top and sides of the culvert and end section, but do not place across the flow line of the culvert to allow off-site water to continue to flow unimpeded.

When the disturbance is on both the road and around the culvert where all water entering the culvert is crossing the disturbance, then the rolls can be wrapped all the way around the culvert inlet.

Do not wrap fiber rolls all the way around the outlet, to keep sediment from being trapped in the culvert. If additional outlet sediment protection is needed to capture remaining sediment, place the second fiber roll away from the culvert.

Applicable SCRs

- None

Typical Pay Item Used

- 15705-1400 Soil erosion control, Fiber Roll [LNFT]

Updates

- September 2020

- Updated for OpenRoads Designer

- June 2024

- Updated for FP24

