

**STRUCTURAL DRAWINGS AND DETAILS Instructional  
 Memorandum  
 804-FRSP  
 FIBER REINFORCED CONCRETE SLOPE PROTECTION  
 June 26, 2024**

**General**

The standard details are provided for abutments with embankment front fill slopes and mechanically stabilized earth (MSE) walls.

Fiber Reinforced Slope Protection Details-Alt 1 sheet provides general details for bridge embankment slope protection with a standard spill-through abutment.

Fiber Reinforced Slope Protection Details-Alt 2 sheet provides general details for bridge embankment slope protection with a MSE wall. MSE wall components are shown only where required for clarity. For MSE wall general details, see Geotechnical Drawings and Details, 713 Series.

**Instructions to Designer**

The Engineer must determine if the standard design and details are adequate for project specific use. At a minimum, consider the following items:

- Wherever “X” or “#” is used, replace with project specific values.
- Detail scales are listed in the drawing model for each detail in the sheet models for reference. If an individual detail scale is to be revised in the drawing model, the setting called “Propagate Annotation Scale” in the drawing model property settings must be set to “off”. Otherwise, every detail will change scale when the drawing scale is revised.
- Once the correct sheet(s) are chosen, delete “-Alt X” from the title block. This additional text is required as a placeholder because model names within a DGN must be unique.

**Applicable Drawings**

DGN File Name	Drawing Number	Sheet Title
804_FRSP	804-FRSP.DET01	FIBER REINFORCED SLOPE PROTECTION DETAILS-ALT 1
	804-FRSP.MSE.DET01	FIBER REINFORCED SLOPE PROTECTION DETAILS-ALT 2

