

CHANNEL BED STABILIZATION

Design and Construction Checklist

The following items must be addressed in the design folder for the Channel Stabilization.

Survey

- _____ Set benchmark(s)
- _____ Profile of stream
- _____ Cross sections of stream
- _____ Random shots necessary for plan view map

Design Data

- _____ Fluvial geomorphology at the installation site, including sediment transport
- _____ Plan view:
 - _____ Location of treatments(s), including planting areas and clearing limits
 - _____ Location of borrow area(s) if onsite
 - _____ Location of disposal area(s) if on site
 - _____ Apparent property lines and owners
- _____ Cross sections; before and after
- _____ Channel profile; before and after
- _____ Determine type and size of each structural and vegetative treatment, and provide detail drawings
- _____ Velocities, water surface profiles, and other geomorphic parameters as required for permit(s)
- _____ Determine quantities, cost estimate, and an O&M Plan
- _____ Complete Section 7 of PA584 Specification
- _____ Comply with PA-One Call, and requirements for archaeology, species habitat, wetlands, and cultural properties
- _____ Provide data for permits

Construction Checks

- _____ Final cross sections
- _____ Structural treatments as specified
- _____ Plant material certifications and installations
- _____ Final quantities
- _____ PA One-Call markings