

STREAMBANK AND SHORELINE PROTECTION**Design and Construction Checklist****Survey**

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

Design Data

- Soil type at installation
- Plan view:
 - Location of treatments(s), including planting areas
 - 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
- Determine type and size of each structural and vegetative treatment
- For streambanks:
 - Velocities, water surface profiles, and other geomorphic parameters as required for permit(s)
- For shorelines:
 - Fetch and wave height
- Determine quantities and cost estimate
- Complete Section 7 of CP580 Specification
- Comply with PA One Call
- Provide data for permits

Construction Checks

- Final cross sections
- Structural treatments as specified
- Plant material certifications and installations
- Final quantities