

STREAM CROSSING

Design and Construction Checklist

Survey

- _____ Set benchmark(s)
- _____ Profile(s) of stream
- _____ Cross sections of stream
- _____ 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 construction
- _____ Determine type and size of each structural and vegetative treatment
- _____ Velocities, water surface profiles, and other geomorphic parameters as required for permit(s)
- _____ Determine quantities and cost estimate
- _____ Complete Section 7 of PA578 Specification
- _____ Comply with PA One Call
- _____ Provide data for permits

Construction Checks

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