

Stream Crossing

Instructions for Use of Construction Specification 578

Minimum items to be included in the Construction Specification and Drawings:

1. Plan View
2. Typical cross sections; before and after
3. Drainage Area
4. Benchmarks, baselines, stations, north arrow, horizontal and vertical datum
5. Logs of Soils (as needed)
6. Profile(s) of stream; before and after
7. Size, type and location of each treatment
8. Natural features, structural details, source or manufacturer of all materials, including vegetation and erosion control measures.
9. Details of concrete, riprap, etc. in inlet and outlet structure
10. Apparent property lines, utility information and owners
11. Method and location of debris removal (e.g. burn, spread, spoil)
12. Access
13. Temporary realignment location
14. Location of existing natural or cultural features
15. Permits
16. Miss Utility- Call Before you Dig 1-800-245-4848

Stream Crossing

General Design and Construction Checklist

Survey

- _____ Set benchmark
- _____ Profile of stream
- _____ Cross sections of stream
- _____ random shots necessary for plan view map

Design Data

- _____ Soil type at installation
- _____ Plan view:
 - _____ Location of treatment/s, including planting areas
 - _____ Location of borrow areas/s if onsite or note otherwise
 - _____ Location of disposal area/s
 - _____ Location of 100 yr. and/or 25 yr. flood elevation
 - _____ Apparent property lines
- _____ 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
- _____ Determine quantities and cost estimate
- _____ Specifications
- _____ Comply with Miss Utility
- _____ Provide data and permit validation

Construction Checks

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

NRCS, NHCP
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Conservation practice standards are reviewed periodically and updated if needed. To obtain the current version of this standard, contact your Natural Resources Conservation Service [State Office](#) or visit the [electronic Field Office Technical Guide](#).

Note: Bold italics are added or changed Information made to the National Conservation Standard by WV.