Appendix 1

CONSTRUCTION SPECIFICATIONS FOR TRAIL STRUCTURES
Appendix 1 provides sample specifications for a number of trail structures. It demonstrates one or more technically correct ways to construct a structure but it is not intended to restrict local creativity. The intent is to provide a suggested method when local plans are not available.
Trail Stairways

Riser - Tread Relationship

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<tr>
<th>Riser</th>
<th>Tread</th>
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Rock Riser Stairway

Outslope: 1" : 12"

Log Riser Stairway

Outslope: 1" : 12"
Trail Stairways

Riser - Tread Relationship

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Rock Riser Stairway

Log Riser Stairway

Outslope: 1" : 12"

Appendix 1-2
Overlapping Rock Stairway

Level or Slight Inslope Surface
Overlap 1/3 of Surface Area

Plank Style Retaining Stairway

2" x 8" Plank
Outslope: 1" : 12"

Crib-Ladder Stairway

Backfill Outslope: 1" : 12"
Notch Carriage 1/3" Thickness
Use 8" Spikes 3/8" Ø
Retaining Wall Section

Trail Tread

8"

2" - 3" Batter To Each 1'

Average Height 3' - 0"

Backfill With Natural Material

Place Largest Stones At The Base

18"
Turnpike

Turnpike Section

Tread Material

18" - 24" Compacted Fill

4" Treated Poles

Trench

10" min.

* See Chapter 4, Figure 1 for dimensions.
Coweeta Dip Plan View

Simple Puncheon Bridge

16" - 16" Width
Built-up Puncheon Bridge

Cross Section

Linear Section

* See Chapter 5, Figure 2 for dimensions.
Three Stringer Bridge

* 42" High Handrail
* Bull Rail
* Post
* Stringer
* Brace
* Sill
* Stringer and Cap

* See Chapter 5, Figure 2 for dimensions.
Single Span Bridge

- 9" min. 1'-0" max.
- 5' - 3" O.C. Max. Post Spacing
  (All post spaces shall be equal.)
- 9" min. 1'-0" max.
- Close opening between deck and sill with bulkhead planks.
- 4" x 4" Posts
- 2" x 4" Rails
- 2" x 8" Deck Planks
- Stringer
- 3" thick bridging at 1/3 points of span.
- Provide uniform bearing under length of sill. Drive drift pins into soil.
- Design high water level for a 20-year flood.
- Length

Railing Detail

- 42" high Post
- 28" - 36" * Deck Plank
- Stringer
- Sill
- Drift Pin

* See Chapter 5, Figure 2 for dimensions.