**ABUTMENT CONNECTION DETAIL**

**BACKING PLANK STIFFENER NOT SHOWN FOR CLARITY**

- *Timber Sill* can be either 12" x 12" solid sawn, 10 3/4" x 12" glue-laminated, built-up 2" x 12", 4" x 12", & 6" x 12" treated members. See Log Sill Notching Detail.

- **Foundation**

**NOTES:**

- **Specifications**: Materials and construction of the structure shall be in accordance with the Standard Specification for Construction of Roads and Bridges on Federal Highway Projects (F-03) and Standard Specifications for Construction of Trails and Trail Bridges on Federal Projects.

- **Hardware and Structural Steel**: See Superstructure drawings for Project Design Criteria and General Notes.

- **Treated Timber & Lumber**: Refer to the general notes on the Substructure drawings for Treated Timber & Lumber Specifications and Field Treating of Wood.

- **Lag Screw Installation**: Pre-bore lag screw holes using two diameters, one for the Shank and one for the threads. The lead hole for the Shank is to be 1/16" larger than the Shank diameter and is to be bored to the depth of penetration of the Shank. The lead hole for the threaded portion is to be 20% of the Shank diameter as shown on the plans and is to be bored at least to the length of the threads. Do not drive lag screws with a hammer.

**BACKWALL DETAIL**

**LOG SILL NOTCHING DETAIL**