

PLAN AND PROFILE BRIDGE OVER ROCKY RIVER

SECTION A-A

Notes:

- The right is reserved to shift bridge along & if deemed advisable by the Engineer.
- Piers A and G are to be constructed before the fill is placed. Fill is to be in place before piles in Bents 1 and 2 are driven.
- No attempt has been made to show probable pile penetration. The Contractor shall be responsible for proper length of piles.
- Penetration thru fill shall not be considered as penetration.
- All excavation above elev. 126.6 shall be classified as "Dry Excavation."
- All excavation below elev. 126.6 shall be classified as "Wet Excavation," regardless of the elevation of the water.
- Piers A & G shall not be constructed until the fill is completed. Excavation has been completed thru the fill. Piles in Bents 1 & 2 shall not be driven until Piers A & G are completed and back-filled.
- Pile shoes are to be furnished for all piles and are to be those manufactured by the American Pulley Co. Philadelphia, Pa. or equivalent. All costs of furnishing or placing pile shoes are to be included in the price bid per linear foot of timber piling.
- Pile shoes are to be attached to piles, as recommended by the manufacturer.
- Drainage Area 197 sq. mi.
- C = 1.0
- Opening Req'd = 6300 sq. ft. (normal to stream)
- = 1485 sq. ft. (along & of bridge)
- Opening furnished = 7530 sq. ft. below H.W.
- Piles in footings to have at least 10' penetration. Omit piles and carry footing to rock if 10 ft penetration cannot be secured.

Scale 1" = 20'

SC. HIGHWAY DEPARTMENT COLUMBIA, S.C.

PLAN AND PROFILE BRIDGE OVER ROCKY RIVER

Scale 1" = 20'

November 1937