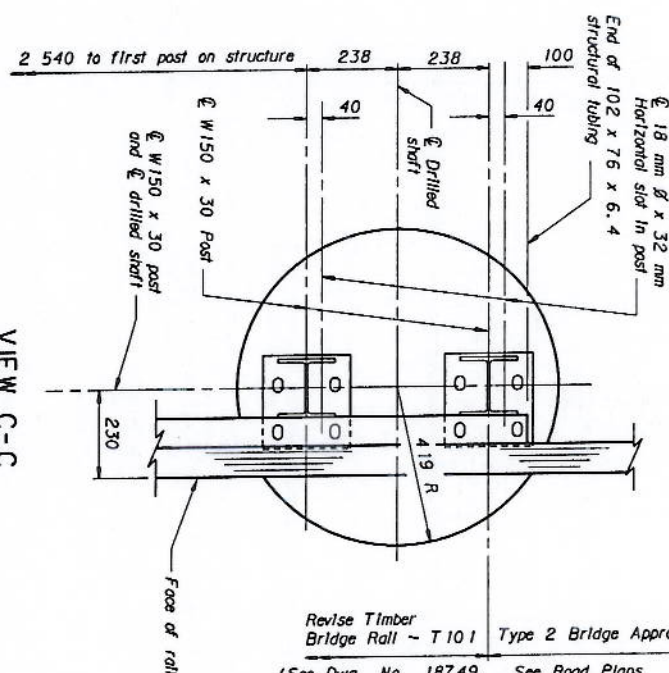


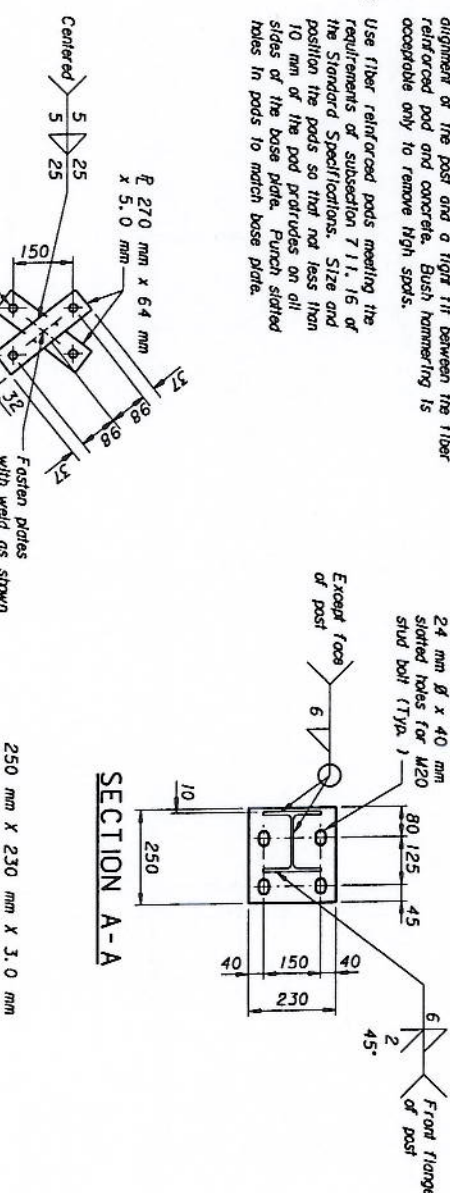
NOTE: Finish the top of the shaft under each roll post to a smooth and uniform surface to assure a proper alignment of the post and a tight fit between the fiber reinforced pad and concrete. Bush hammering is acceptable only to remove high spots.

VIEW C-C



Revise Timber
Bridge Roll ~ T 101 Type 2 Bridge Approach Section
(See Dwg. No. 18749, See Road Plans
18750 and 18751
for payment)

SECTION A - A



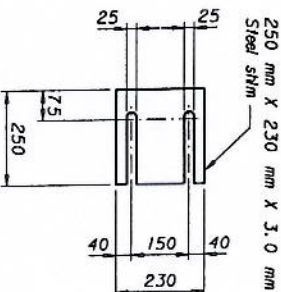
24 mm $\varnothing$ x 40 mm
slotted holes for
stud bolt (Type)

80 125 45

6
2

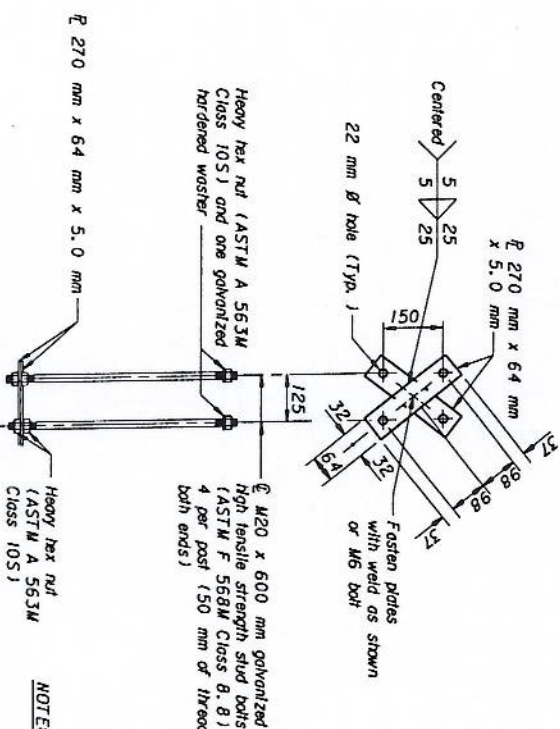
Front flange
of post

RAIL POST SHIM DETAIL



NOTE: Furnish slims as necessary to adjust rail to grade. Place slims between fiber reinforced pods. Place slims with slots toward roadway centerline.

ANCHOR BOLT ASSEMBLY DETAIL



NOTE: Furnish slims as necessary to adjust roll to grade. Place slims between fiber reinforced pads. Place slims with slats toward roadway centerline.

SECTION B-B

BILL OF REINFORCING STEEL (One Anchor Post)

[illegible]

NOTES

PAYMENT: Anchor Post is paid for at the unit price bid which is full compensation for all resources necessary to complete the item.

ERECTION: Set roll posts perpendicular to roadway grade and set roll parallel to the roadway grade. Adjust roll to proper roll height using vertical slides in the roll posts or roll post stems.

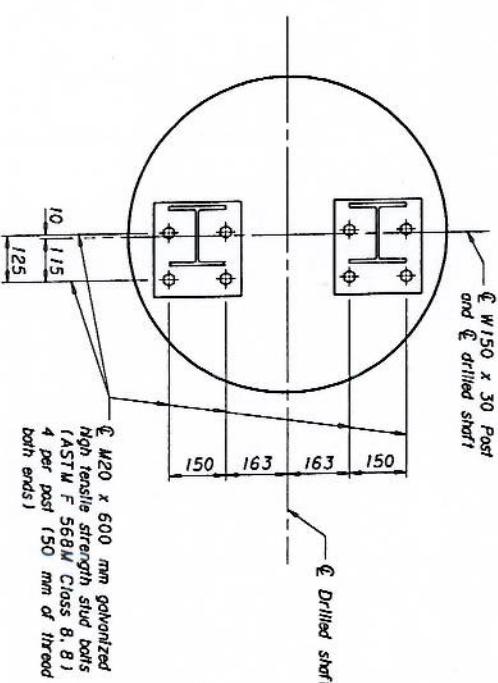
Use Class DD Concrete. Estimated volume per shaft = 1.2 cubic meters

Use new deformed type reinforcing steel meeting the requirements of AASHTO M 318 Grade 60 (420). Estimated rebar mass = 72 kg

Construct the portion of the approach fills, where the drilled shaft is constructed, of select material meeting the specified requirements for embankments.

See Dwg. No. 18749 for additional notes and details.

Remove all loose or disturbed material from the bottom of the shaft excavation prior to placing reinforcing steel or concrete. Clean the drilled shaft so the thickness of loose or disturbed material remaining in the excavation does not exceed a thickness of 50 mm. Add 0.25 bag (10.5 kg) cement to the loose material remaining in the excavation and dry mix with the material using the drill bit or other means approved by the Engineer prior to placing any reinforcement or structural concrete in the shaft excavation.



FEDERAL AID PROJECT NO. NHTSA 0002(393

D4-NON-INTERSTATE GUARDRAIL

AT VARIOUS LOCATIONS

VARIOUS COUNTIES

DRILLED SHAFT ANCHOR POST

Scale - 1 : 10

FILENAME: D457BRDSD001.DGN DRAWING NO. 18752