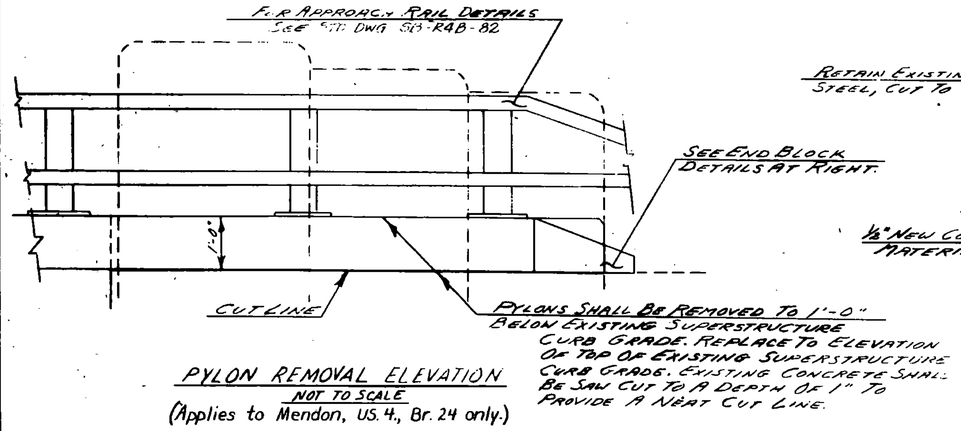
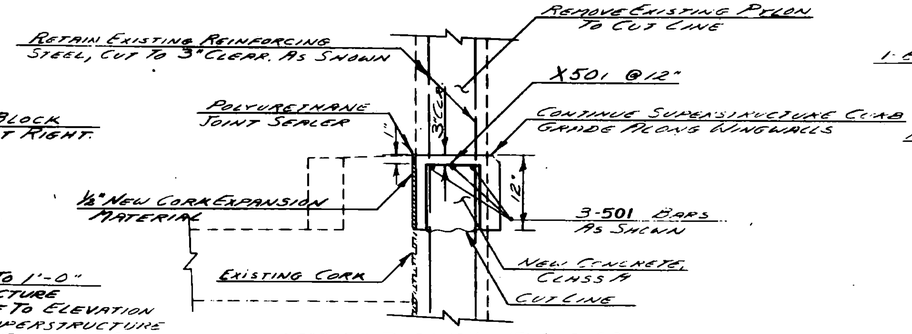
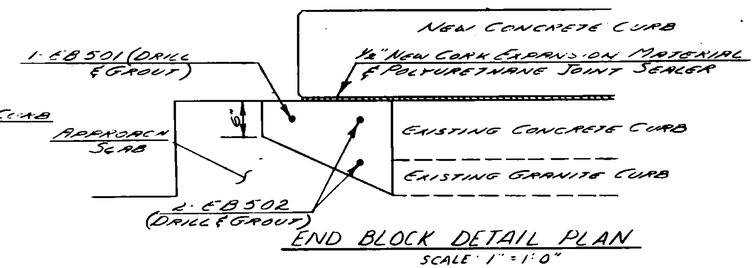


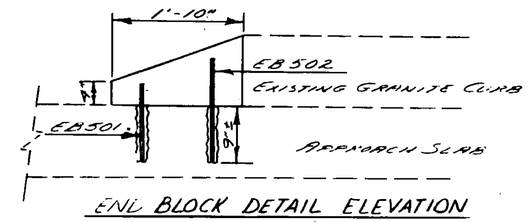
PYLON REMOVAL ELEVATION
NOT TO SCALE
(Applies to Mendon, US. 4., Br. 24 only.)



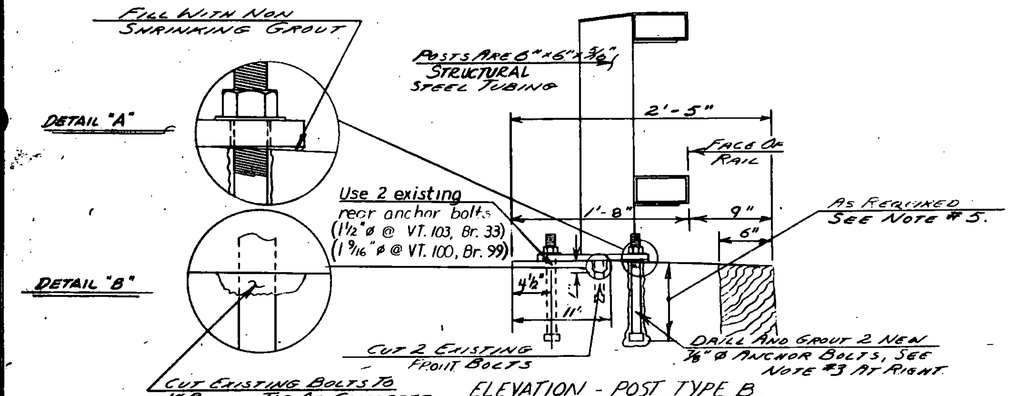
SECTION THROUGH NEW CURB
SCALE: 1" = 1'-0"
(Applies to Mendon, US. 4, Br. 24 only.)



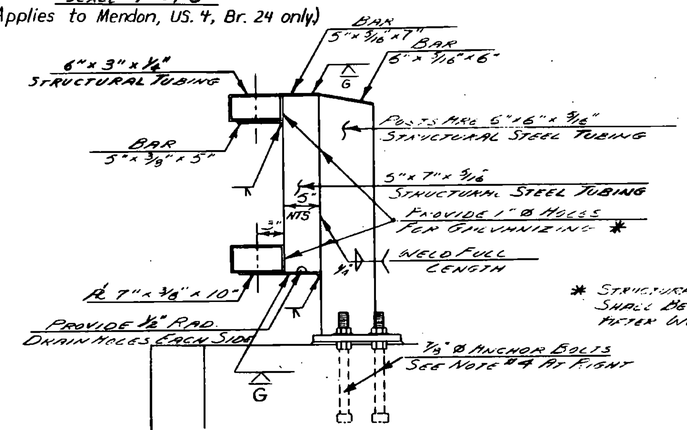
END BLOCK DETAIL PLAN
SCALE: 1" = 1'-0"



END BLOCK DETAIL ELEVATION
SCALE: 1" = 1'-0"



ELEVATION - POST TYPE B
SCALE: 1 1/2" = 1'-0"
(To be used on Ludlow, VT. 100, Br. 99-both curbs-and Mt. Holly, VT. 103, Br. 33-upstream curb only. See BR102 for details concerning the downstream curb.)

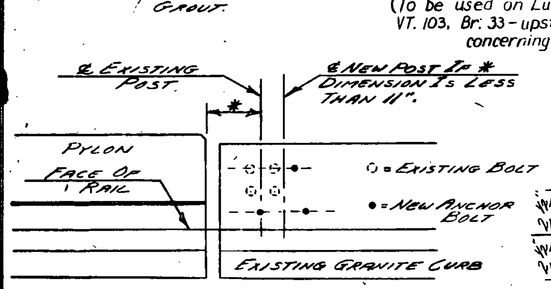


* STRUCTURAL STEEL TUBING SHALL BE GALVANIZED AFTER WELDING.

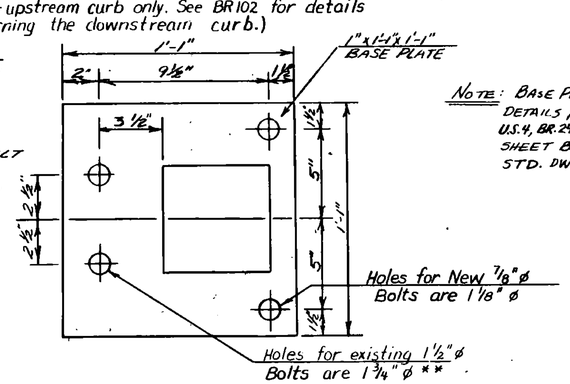
MODIFIED POST FOR WINGWALLS
SCALE: 1 1/2" = 1'-0"
(To be used on Mendon, US. 4, Br. 24 only.)

NOTES

1. FOR POST DETAILS AND RELATED NOTES NOT SHOWN ON THESE PLANS, SEE STD. SHEET SB-R4A-82.
2. NEW ASTM A449 7/8" Ø ANCHOR BOLTS USED ON THE SUPERSTRUCTURE SHALL BE FURNISHED WITH 1 NUT & 1 WASHER. NEW ASTM A449 7/8" Ø ANCHOR BOLTS USED ON THE WINGWALLS SHALL BE FURNISHED WITH 2 NUTS & 1 WASHER. BOLTS, NUTS, & WASHERS SHALL BE FURNISHED UNDER The Item , BRIDGE RAILING - 2 Rail GALVANIZED BOX BEAM.
3. GROUT NEW BOLTS WITH EPOXY MORTAR, (VT. SPEC. TP.101). DRILL HOLES SHALL BE 1 1/4" Ø. DRILLING & GROUTING NEW ANCHOR BOLTS SHALL BE SUBSIDIARY TO BRIDGE RAILING, 2 Rail Galvanized Box Beam.
4. ANCHOR BOLTS ON THE WINGWALLS ARE TO BE CAST IN THE CONCRETE. THE POSTS ARE TO BE SET SO THAT THE NEW FACE OF RAILING ALIGNS WITH THAT ON THE SUPERSTRUCTURE.
5. A MINIMUM PULLOUT STRENGTH OF 30,000 LBS. SHALL BE ATTAINED ON THE NEW BOLTS FOR POSTS TYPE B. A SAMPLE GROUTED BOLT WILL BE TESTED BEFORE MATERIALS ARE APPROVED FOR USE AND THEN RANDOM BOLTS WILL BE FIELD TESTED BY THE STATE OF VERMONT TO INSURE THIS STRENGTH IS BEING ATTAINED.



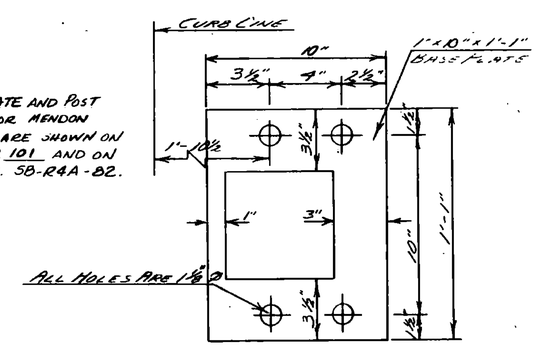
* IF THIS DIMENSION IS 11" OR GREATER, USE EXISTING FRONT BOLTS AND DRILL 2 NEW FRONT ANCHOR BOLTS. IF DIMENSION IS LESS THAN 11" USE ONLY ONE OF THE EXISTING REAR ANCHOR BOLTS AND DRILL 3 NEW ANCHOR BOLTS AS SHOWN. CUT OFF BOLTS NOT USED TO 1" BELOW TOP OF CONCRETE, FILL WITH NON-SHRINKING GROUT. IF A NEW 7/8" Ø REAR ANCHOR BOLT IS REQUIRED A SPECIAL 3/16" x 2 1/4" x 2 1/4" WASHER WILL BE REQUIRED BECAUSE OF 1 1/8" Ø OR 1 1/2" Ø HOLES IN BASE PLATE.



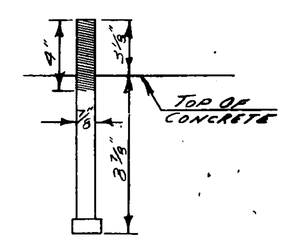
BASE PLATE TYPE B DETAIL
SCALE: 3" = 1'-0"
(TO BE USED ON VT. 103-BR. 33-FOR BOTH UPSTREAM AND DOWNSTREAM CURBS; VT 100-BR. 99;)

** VT. 100, Br. 99 — HOLES FOR EXISTING 1 9/16" Ø BOLTS ARE 1 3/4" Ø.

NOTE: BASE PLATE AND POST DETAILS FOR MENDON U.S.4, BR.24 ARE SHOWN ON SHEET BR 101 AND ON STD. DWG. SB-R4A-82.



WINGWALL BASE PLATE DETAIL
SCALE: 3" = 1'-0"
(To Be Used On Mendon U.S. 4 - Br. 24)



NEW ANCHOR BOLT DETAIL FOR WINGWALLS
(TO BE USED ON MENDON-U.S.4-BR.24)

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TOWN OF	Bridge No. / Log Sta.
HIGHWAY NO.	Surv. Sta.
POST & CURB DETAILS	
Designed by G.S. ROGERS	Drawn by PEABODY
Checked by D.W. NEWTON date 1/86	Bridge Design Supervisor F.W. Bolkum date 3/86
PROJECT STATEWIDE	PROJECT NO. FSFTY (85)
Bridge Sheet No. BR 103	Sheet 17 of 200