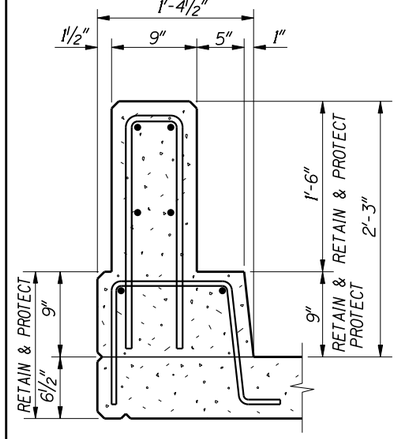
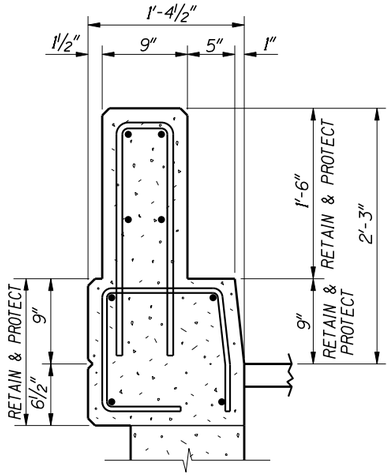
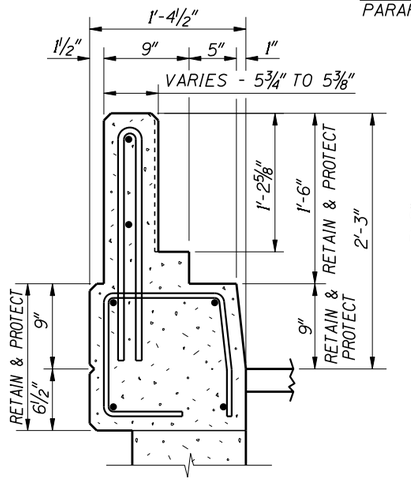


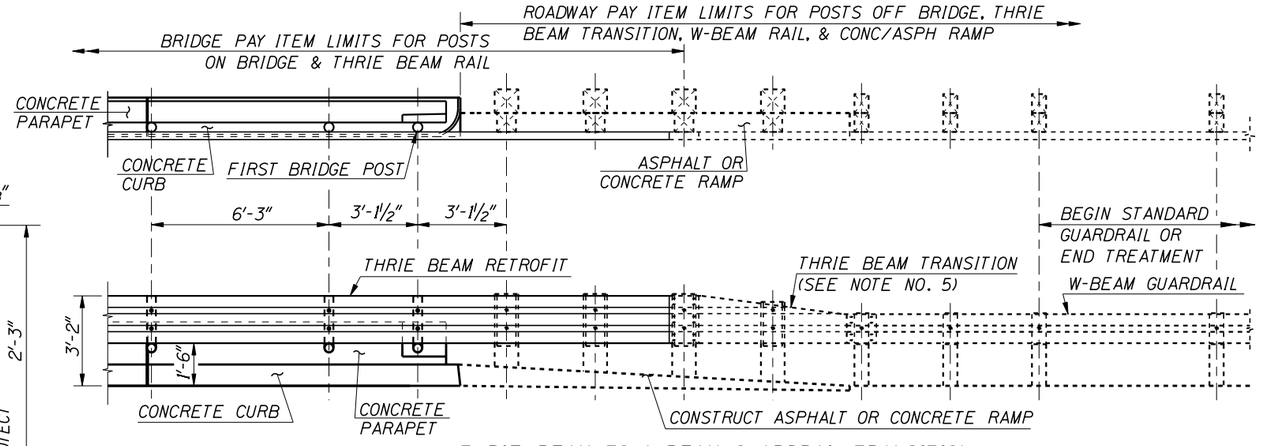

EXISTING TYP. DECK SECTION
1 1/2"=1'-0"



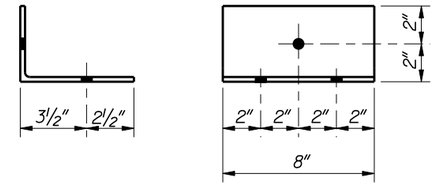

EXISTING TYP. WINGWALL SECTION
1 1/2"=1'-0"



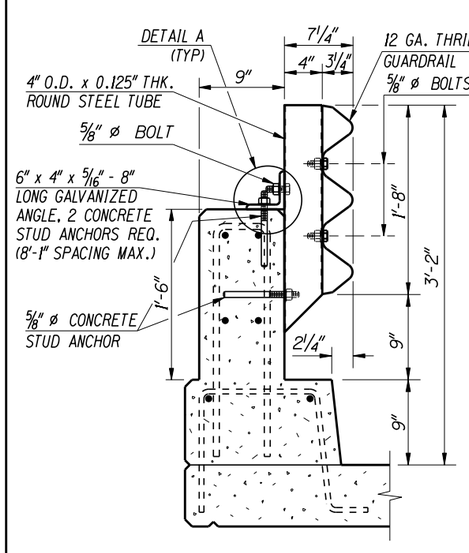

EXISTING TYP. WINGWALL END SECTION
1 1/2"=1'-0"



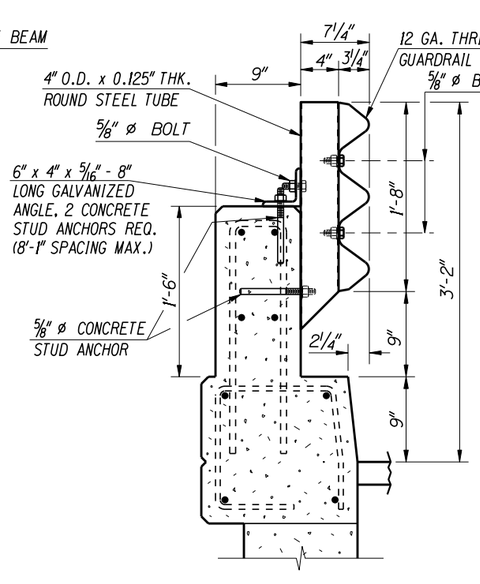

THRIE BEAM TO W-BEAM GUARDRAIL TRANSITION
(TYPICAL FOR APPROACH AND TRAILING END OF BRIDGE)
NTS



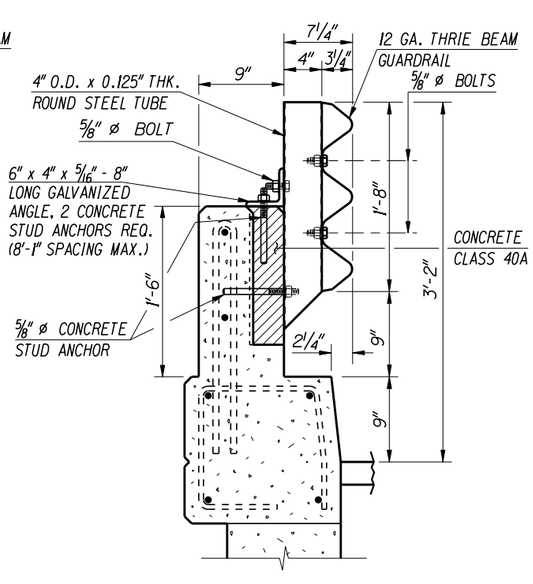

DETAIL A
3"=1'-0"




THRIE BEAM RETROFIT TYPE 4
DECK SECTION
1 1/2"=1'-0"




THRIE BEAM RETROFIT TYPE 4
WINGWALL SECTION
1 1/2"=1'-0"




THRIE BEAM RETROFIT TYPE 4
WINGWALL END SECTION
1 1/2"=1'-0"

## NOTES

1. BRIDGE POST SPACING WILL VARY DEPENDING ON THE EXISTING STRUCTURE. BRIDGE POST SPACING WILL BE VERIFIED BY THE CONTRACTOR PRIOR TO ORDERING THRIE BEAM OR TUBULAR THRIE BEAM. WHEN BRIDGE POST SPACING GREATER THAN 8'-1" IS ENCOUNTERED A SPECIAL DESIGN WILL BE REQUIRED.
2. AN OPTIONAL CHANNEL SHALL BE USED WHEN SPECIFIED TO PREVENT SNOW AND ICE FROM BEING PUSHED ONTO THE ROADWAY BELOW.
3. FIELD CUTS AND FIELD DRILLED HOLES WILL BE CLEANED AND PAINTED WITH TWO COATS OF FORMULA 14-82. ZINC SILICATE PAINT.
4. BOLT HOLES ON POST SIDE OF ROUND TUBE SHALL BE 3" VERTICAL SLOT.
5. FOR TRANSITION RAIL DETAILS AND POST SPACING SEE ROADWAY STANDARD DRAWING G-2-F.

| REVISIONS | | | | DESIGNED | SCALES SHOWN ARE FOR 34" X 22" PRINTS ONLY | ORIGINAL SIGNED BY: | IDAHO TRANSPORTATION DEPARTMENT | English | G-2-F TYPE 4 RAIL RETROFIT DETAILS | BRIDGE PLANS |
|---|---|---|---|---|---|---|---|---|---|---|
| NO. | DATE | BY | DESCRIPTION | DESIGN CHECKED | CADD FILE NO. \prj00000\bridge\ b13_7c.dgn | | | PROJECT NO. | | BRIDGE LRFD MANUAL, PAGE B13.7C |
| | | | | DETAILED | | | | | | COUNTY / KEY NO. |
| | | | | DWG. CHECKED | DRAWING DATE: NOV 2006 | DATE SIGNED: DATE | | | | BRIDGE DRAWING NO. / SHEET OF |
| | | | | CORRECTIONS | | ORIGINAL STORED AT ITD BRIDGE SECTION | | | | |