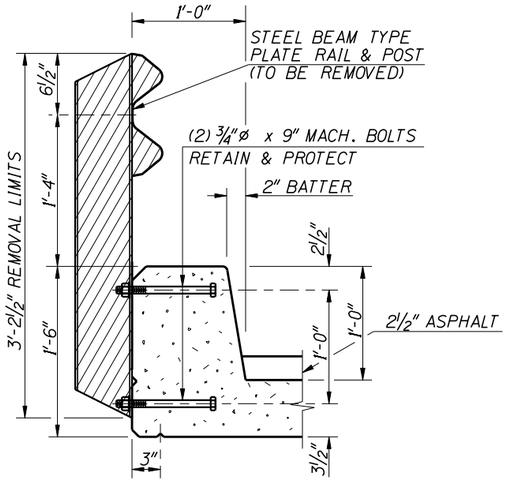
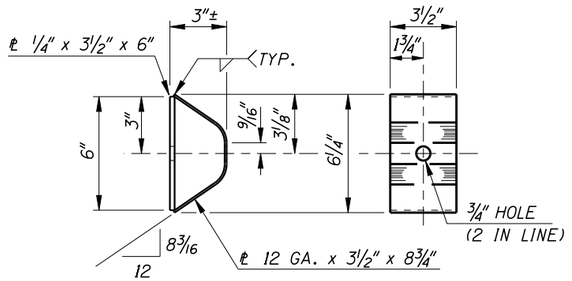
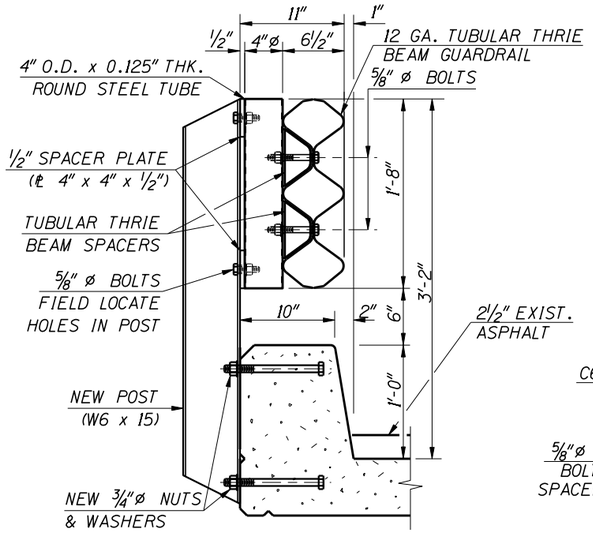


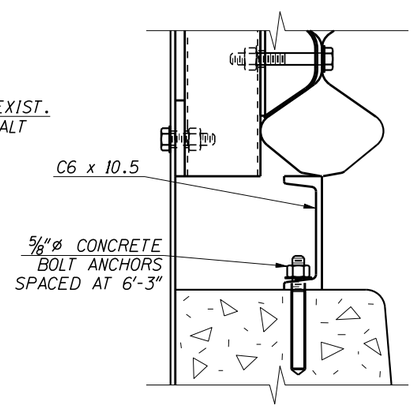
EXISTING TYP. DECK SECTION
1 1/2"=1'-0"



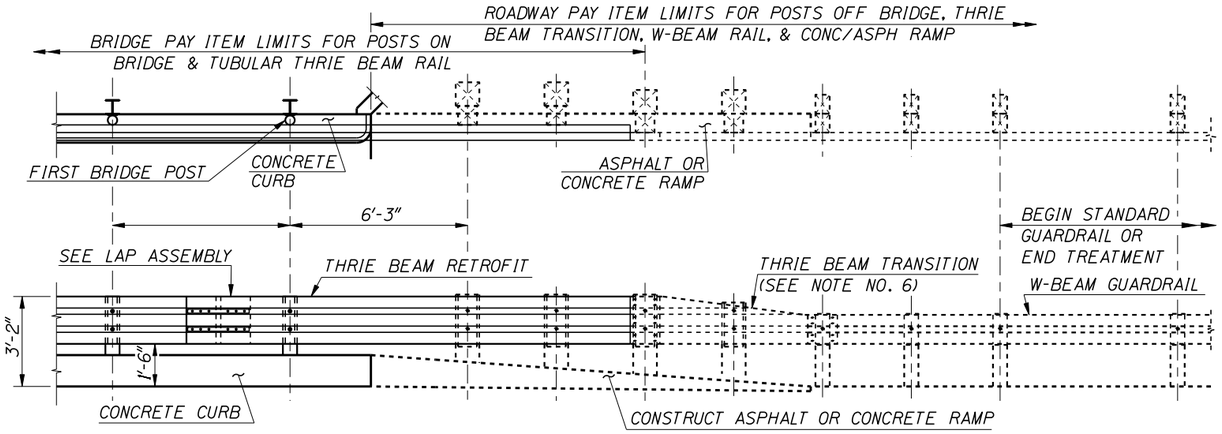
TUBULAR THRIE BEAM SPACERS
NTS



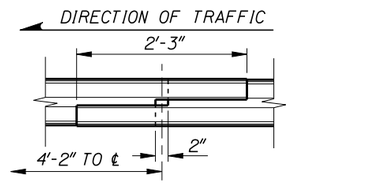
THRIE BEAM RETROFIT TYPE 1
DECK SECTION
1 1/2"=1'-0"



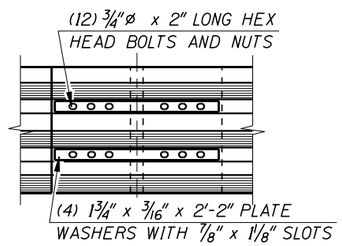
SNOW BARRIER DETAIL
(OPTIONAL - SEE NOTE NO. 2)
NTS



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



PLAN



ELEVATION

LAP ASSEMBLY
(TUBULAR THRIE BEAM)
NTS

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. SPACER BLOCKS, SPACER PLATES, STEEL TUBES, ANGLES, BOLTS, NUTS, CHANNELS, AND POSTS ON TYPE 1 RETROFITS SHALL BE GALVANIZED. VERIFY POST LENGTH PRIOR TO FABRICATION.
6. FOR TRANSITION RAIL DETAILS AND POST SPACING SEE ROADWAY STANDARD DRAWING G-2-F.

REVISIONS			
NO.	DATE	BY	DESCRIPTION
△			
△			
△			
△			
△			

DESIGNED
DESIGN CHECKED
DETAILED
DWG. CHECKED
CORRECTIONS

SCALES SHOWN ARE FOR 34" X 22" PRINTS ONLY

CADD FILE NO.
\prj00000\bridge\b13_7a.dgn

DRAWING DATE:
NOV 2006

ORIGINAL SIGNED BY:

DATE SIGNED: DATE

ORIGINAL STORED AT ITD BRIDGE SECTION

IDAHO TRANSPORTATION DEPARTMENT

English

PROJECT NO.

G-2-F TYPE 1 RAIL RETROFIT DETAILS

BRIDGE PLANS

BRIDGE LRFD MANUAL, PAGE B13.7A

COUNTY	KEY NO.
BRIDGE DRAWING NO.	SHEET OF