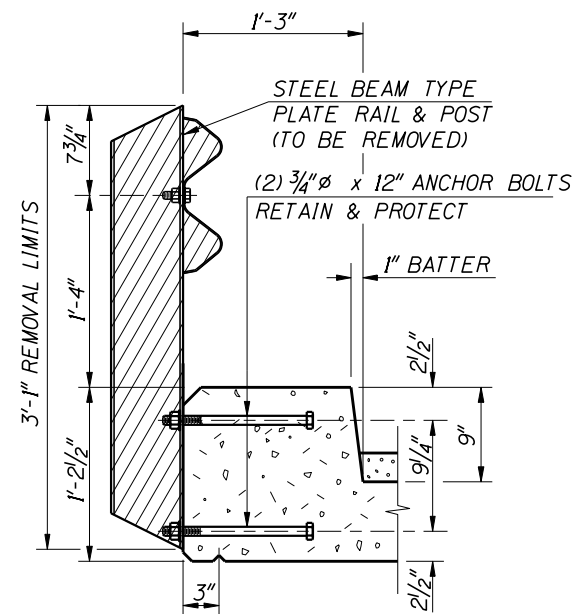
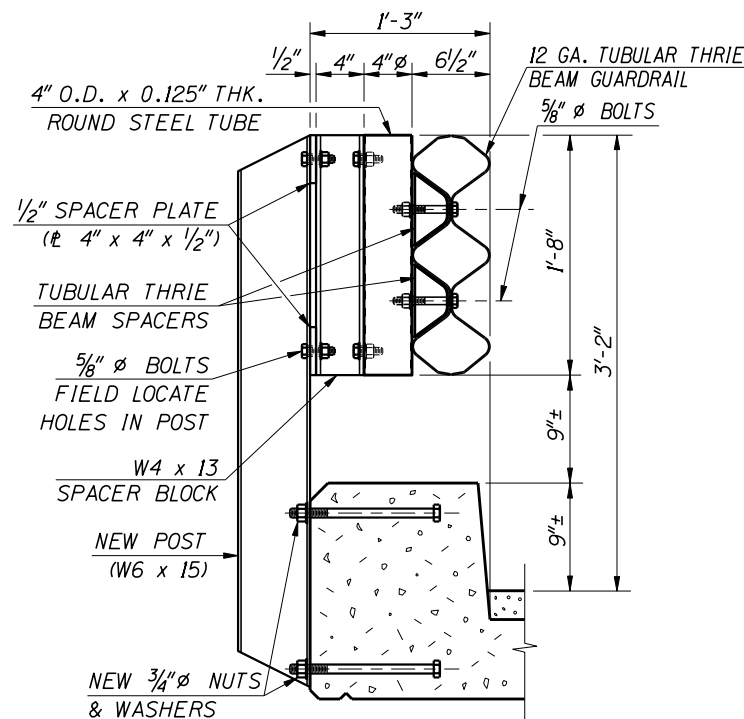
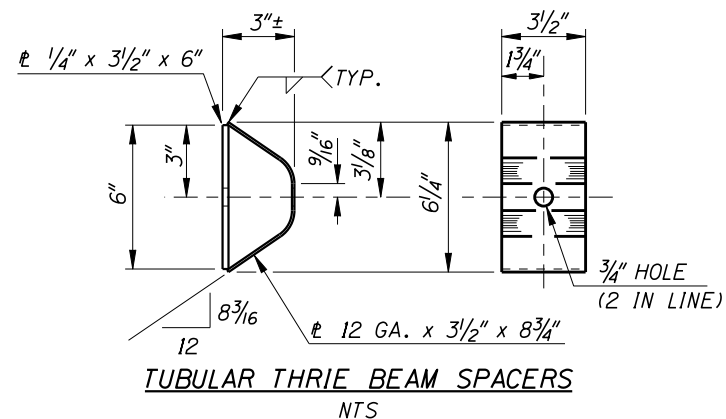




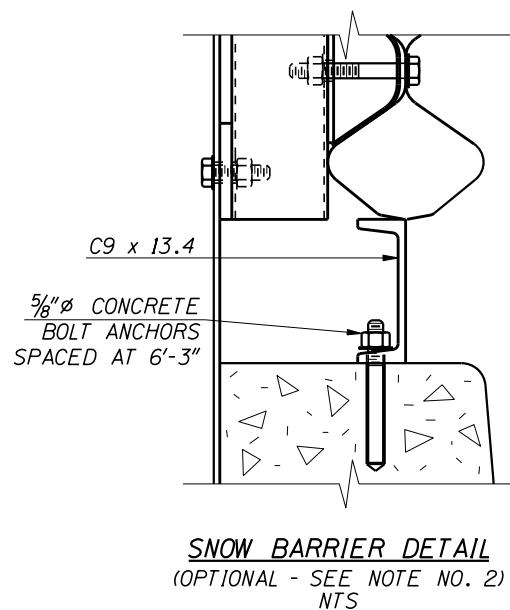
EXISTING TYP. DECK SECTION
1 1/2"=1'-0"



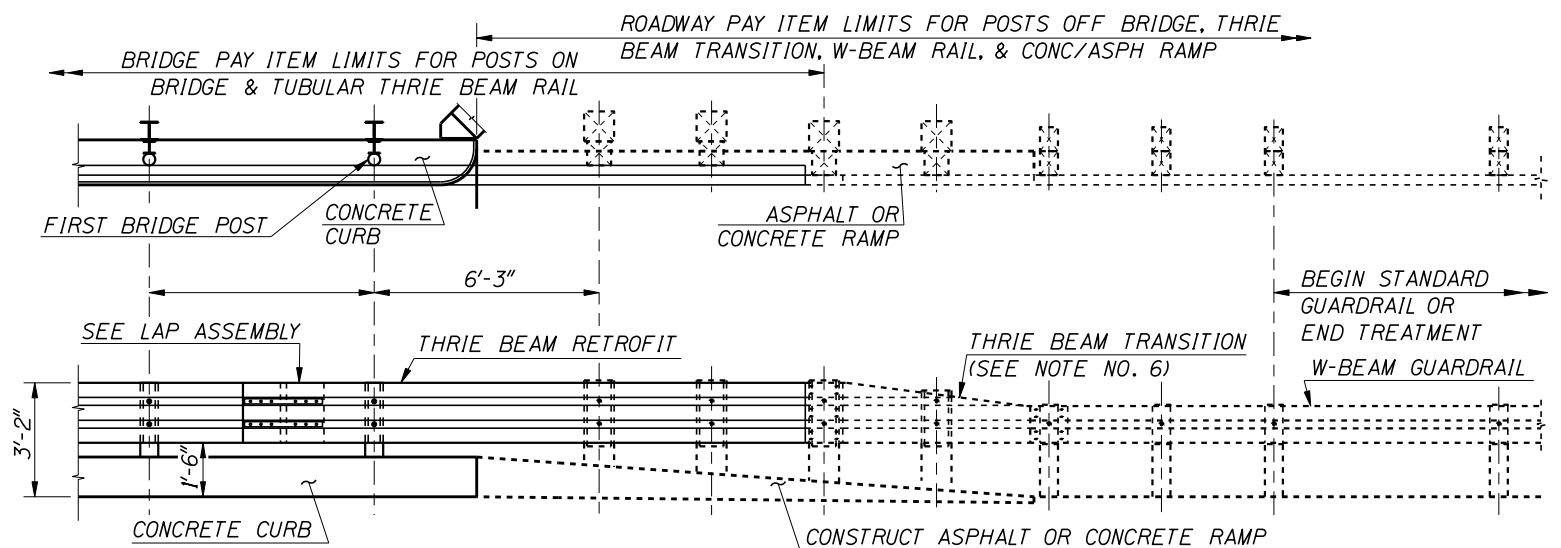
THRIE BEAM RETROFIT TYPE 2
DECK SECTION
1 1/2"=1'-0"



TUBULAR THRIE BEAM SPACERS
NTS



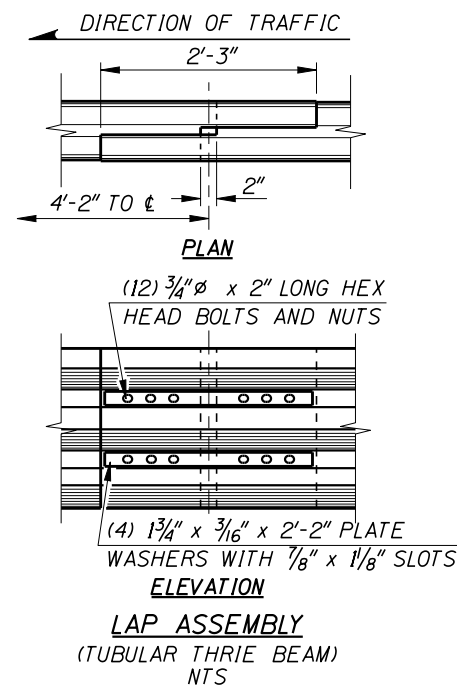
SNOW BARRIER DETAIL
(OPTIONAL - SEE NOTE NO. 2)
NTS



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

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.



LAP ASSEMBLY
(TUBULAR THRIE BEAM)
NTS

REVISIONS				DESIGNED	SCALES SHOWN ARE FOR 34" X 22" PRINTS ONLY	ORIGINAL SIGNED BY:	IDaho TRANSPORTATION DEPARTMENT	English	G-2-F TYPE 2 RAIL RETROFIT DETAILS	BRIDGE PLANS	
NO.	DATE	BY	DESCRIPTION	DESIGN CHECKED						BRIDGE LRFD MANUAL, PAGE B13.7B	
△				DETAILED	CADD FILE NO.			PROJECT NO.		COUNTY	KEY NO.
△				DWG. CHECKED	\prj00000\bridge\ b13_7b.dgn					BRIDGE DRAWING NO.	SHEET
△				CORRECTIONS	DRAWING DATE: NOV 2006	DATE SIGNED: DATE					OF
△						ORIGINAL STORED AT: ITO-BRIDGE SECTION					