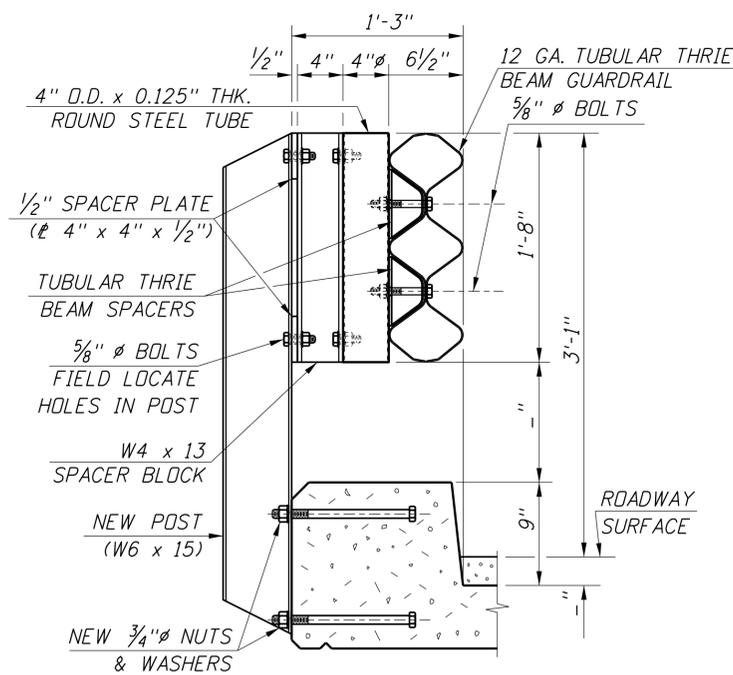
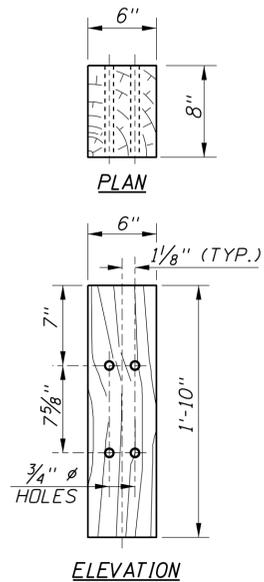


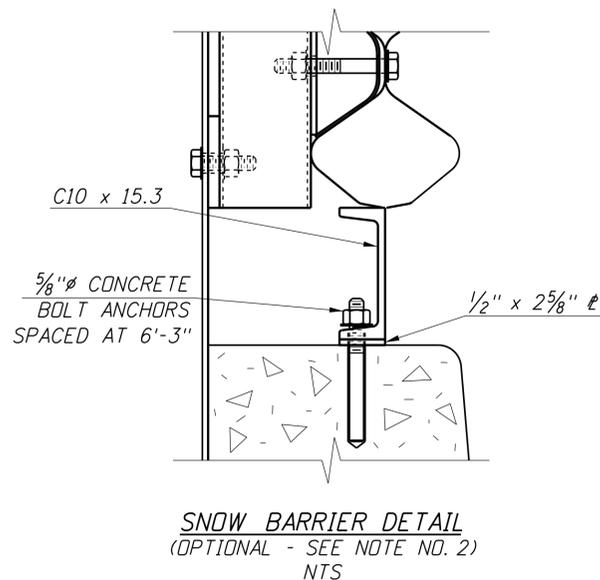
EXISTING TYP. DECK SECTION  
NTS



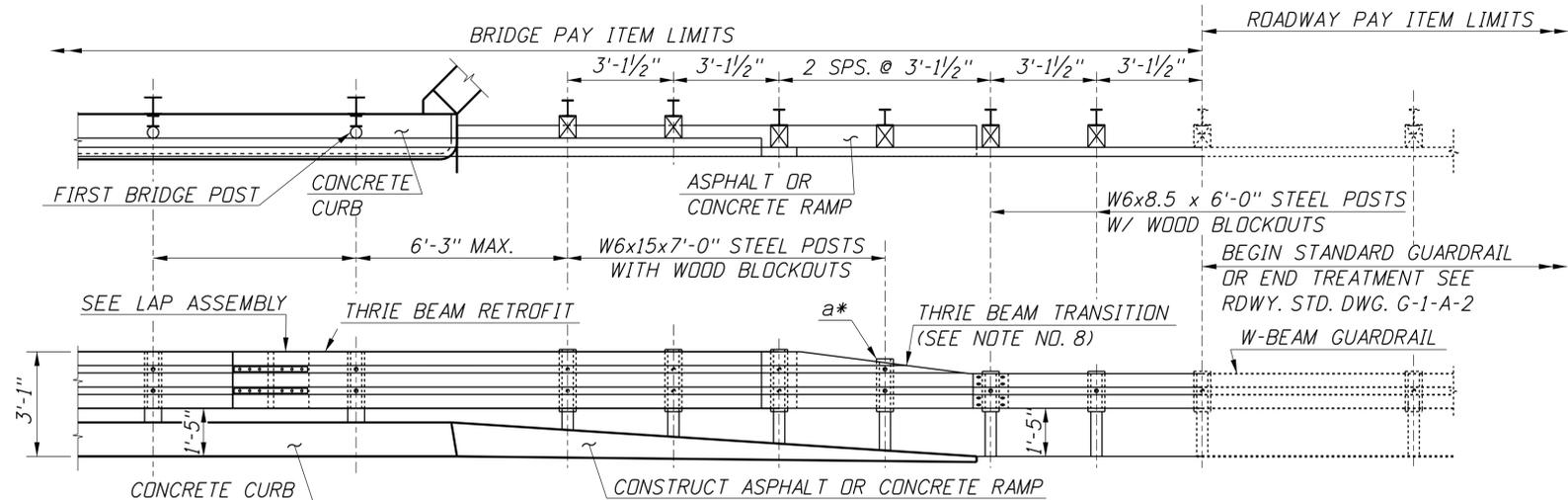
THRIE BEAM RETROFIT TYPE 2  
DECK SECTION  
NTS



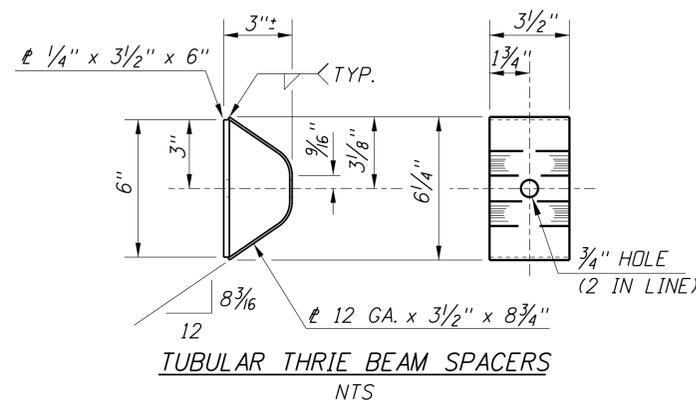
W6x15 POST WOOD BLOCK  
(SEE NOTE 9)  
1/2" x 1'-0"



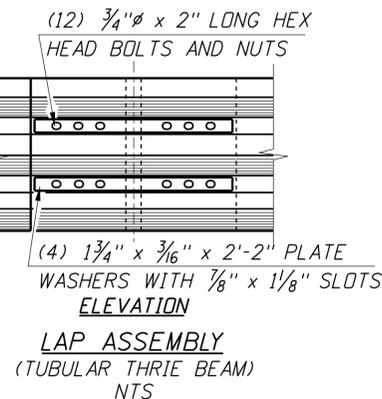
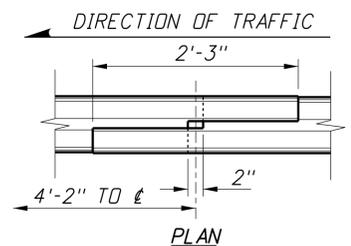
SNOW BARRIER DETAIL  
(OPTIONAL - SEE NOTE NO. 2)  
NTS



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



TUBULAR THRIE BEAM SPACERS  
NTS



LAP ASSEMBLY  
(TUBULAR THRIE BEAM)  
NTS

\* a TOP OF POST AND BLOCK SHALL BE TRIMMED TO FIT THE SLOPE ON THE THRIE BEAM TRANSITION.

NOTES

- 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.
- AN OPTIONAL CHANNEL SHALL BE USED WHEN SPECIFIED TO PREVENT SNOW AND ICE FROM BEING PUSHED ONTO THE ROADWAY BELOW.
- FIELD CUTS AND FIELD DRILLED HOLES SHALL BE CLEANED AND PAINTED WITH 5 MILS MINIMUM THICKNESS OF FORMULA 2 ZINC RICH PAINT IN ACCORDANCE WITH SECTION 627 AND SECTION 707.
- BOLT HOLES ON POST SIDE OF ROUND TUBE SHALL BE 3" VERTICAL SLOT.
- SPACER BLOCKS, SPACER PLATES, STEEL TUBES, ANGLES, BOLTS, NUTS, CHANNELS, AND POSTS ON TYPE 2 RETROFITS SHALL BE GALVANIZED. VERIFY POST LENGTH PRIOR TO FABRICATION.
- THIS DRAWING REQUIRES STANDARD DRAWINGS G-1-A-1 THROUGH G-1-A-5 AND IS SUBJECT TO THE W-BEAM AND THRIE BEAM GUARDRAIL INSTALLATION/REQUIREMENTS AND HARDWARE/ACCESSORY SPECIFICATIONS.
- THE COST OF THE ASPHALT OR CONCRETE RAMP AND ALL HARDWARE INCLUDING SPACER BLOCKS, NUTS, BOLTS, ETC. NECESSARY TO PROVIDE A COMPLETE INSTALLATION SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THIS ITEM.
- TRANSITION SECTION SHALL BE ASYMMETRICAL. REFER TO ROADWAY STANDARD DRAWING G-1-A-5 FOR DETAILS.
- SEE ROADWAY STANDARD DRAWING G-1-A-3, NOTE 7 FOR USE OF POLYETHYLENE BLOCKOUTS.

| REVISIONS |      |    |             |
|-----------|------|----|-------------|
| NO.       | DATE | BY | DESCRIPTION |
| ▲         |      |    |             |
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|----------------|
| DESIGNED       |
| DESIGN CHECKED |
| DETAILED       |
| DWG. CHECKED   |
| CORRECTIONS    |

|  |
|--|
| SCALES SHOWN ARE FOR 34" X 22" PRINTS ONLY     |
| CADD FILE NO.<br>cadds\std_dgns\<br>b13_7b.dgn |
| DRAWING DATE:<br>MAY 2014                      |

|                     |
|---------------------|
| ORIGINAL SIGNED BY: |
| DATE SIGNED: DATE   |
| DATE SIGNED: DATE   |
| DATE SIGNED: DATE   |

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| IDAHO TRANSPORTATION DEPARTMENT |
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| English     |
| PROJECT NO. |

|                                    |
|------------------------------------|
| G-2-F TYPE 2 RAIL RETROFIT DETAILS |
| 29" RAIL HEIGHT                    |

|                                 |         |
|---------------------------------|---------|
| BRIDGE PLANS                    |         |
| BRIDGE LRFD MANUAL, PAGE B13.7B |         |
| COUNTY                          | KEY NO. |
| BRIDGE DRAWING NO.              | SHEET   |
|                                 | OF      |