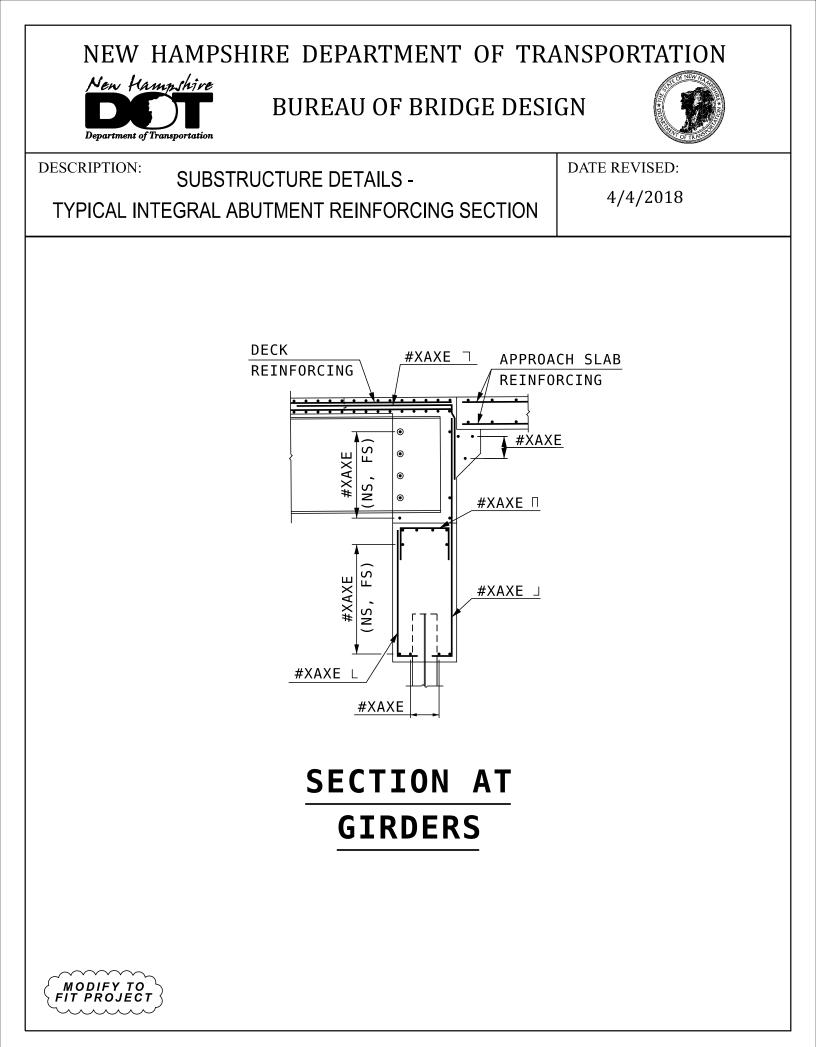
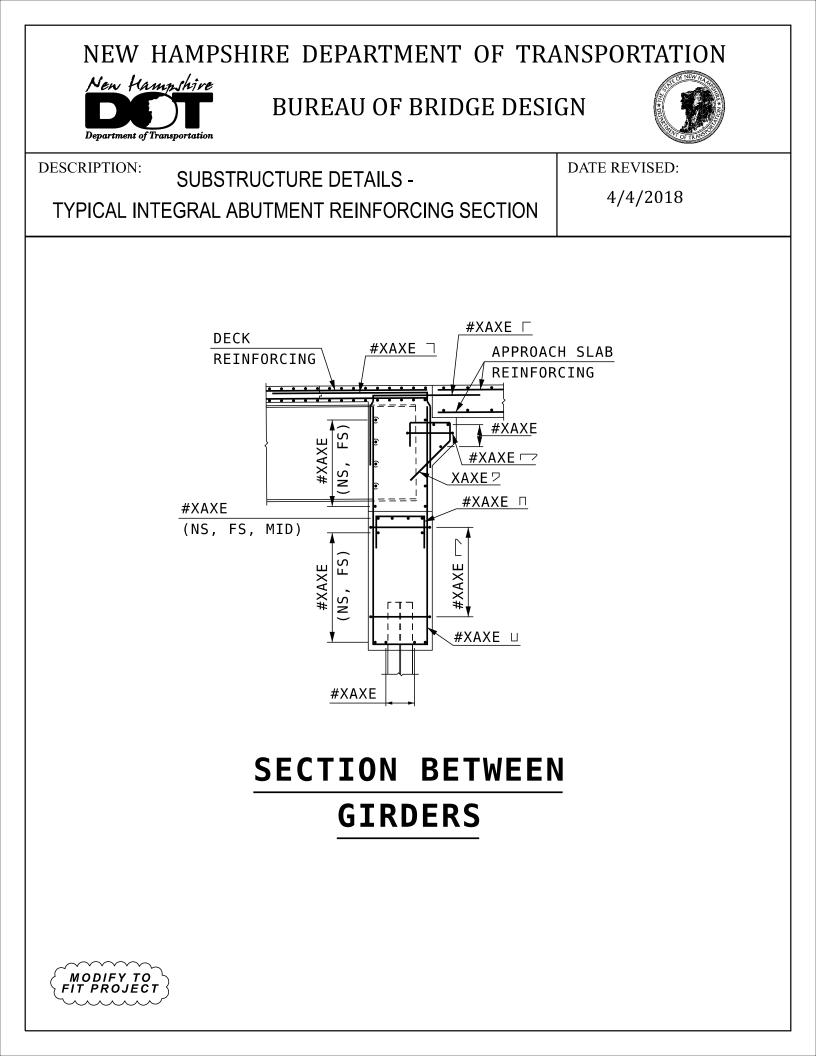
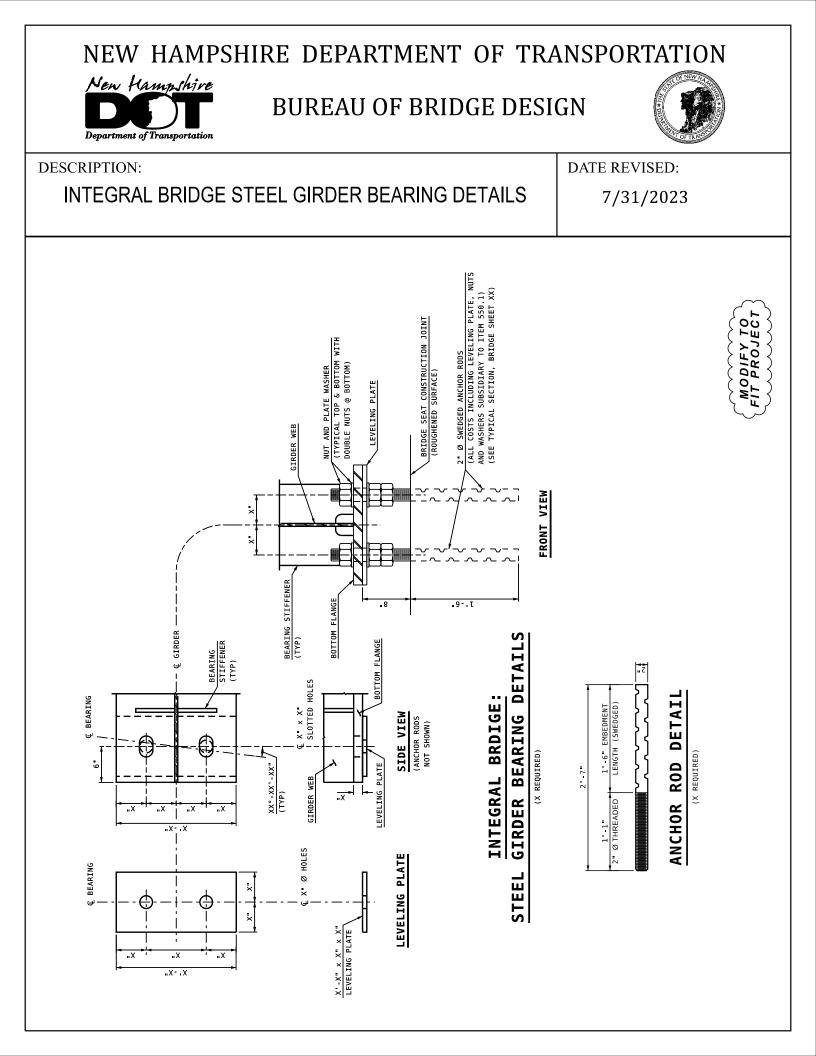


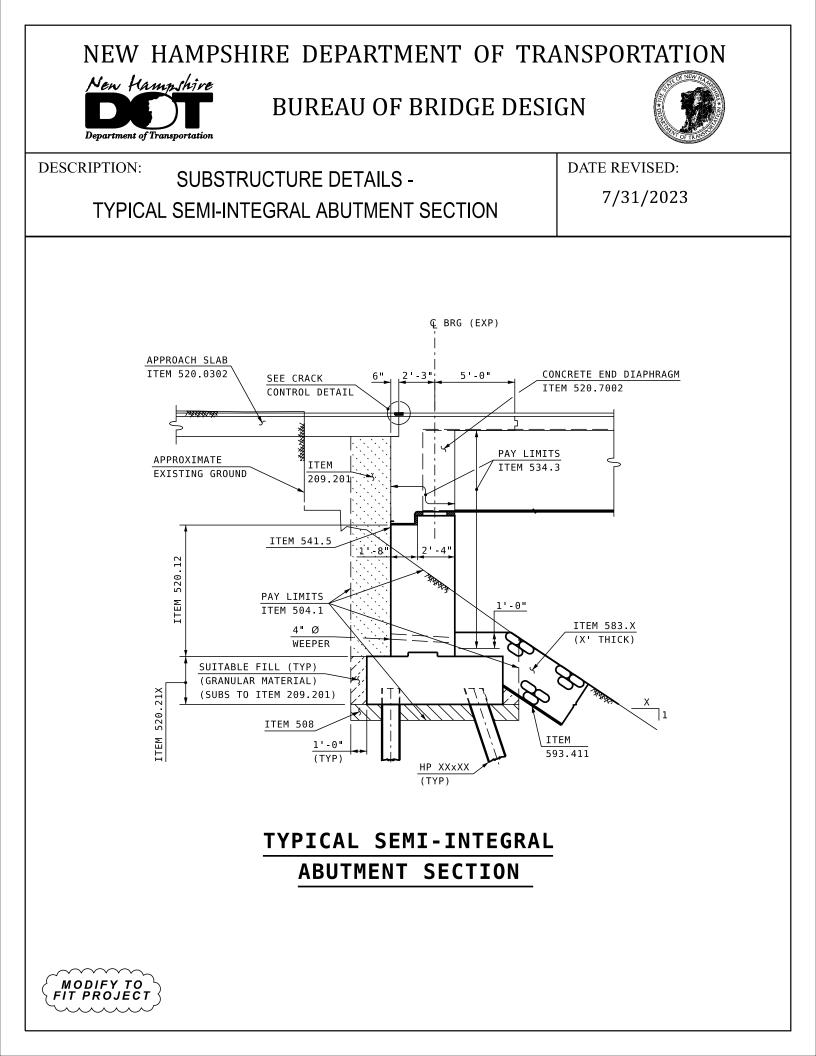
TYPICAL INTEGRAL ABUTMENT SECTION

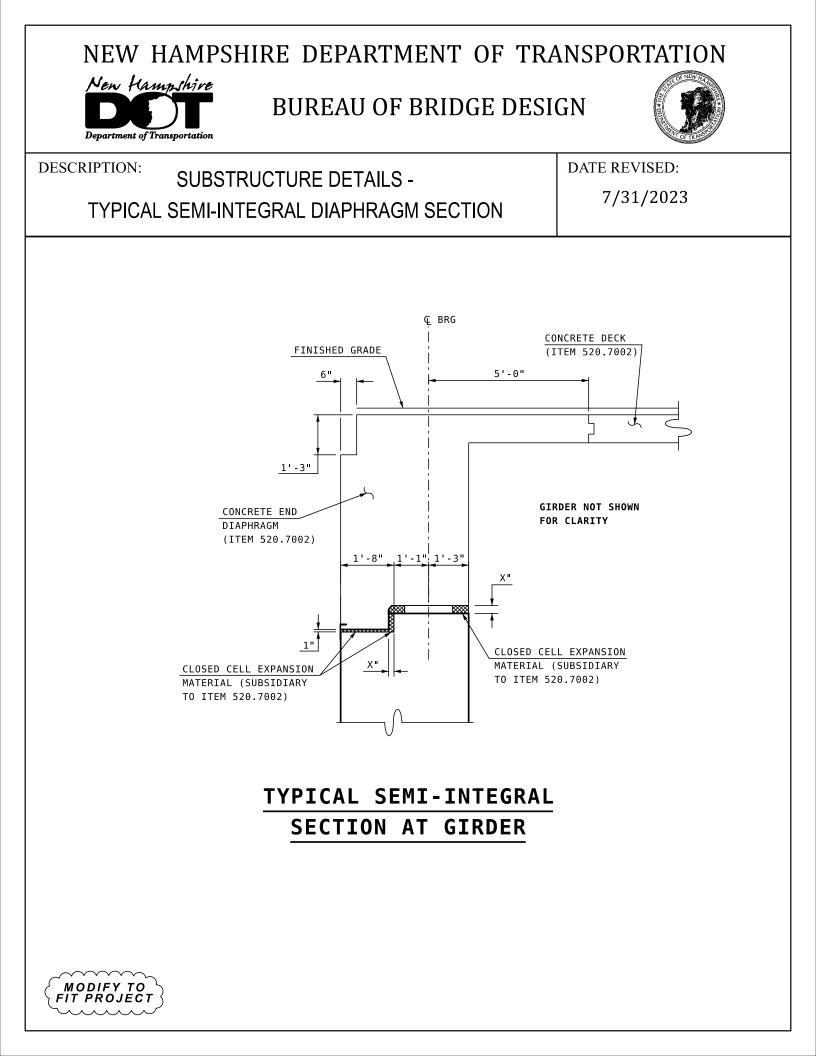


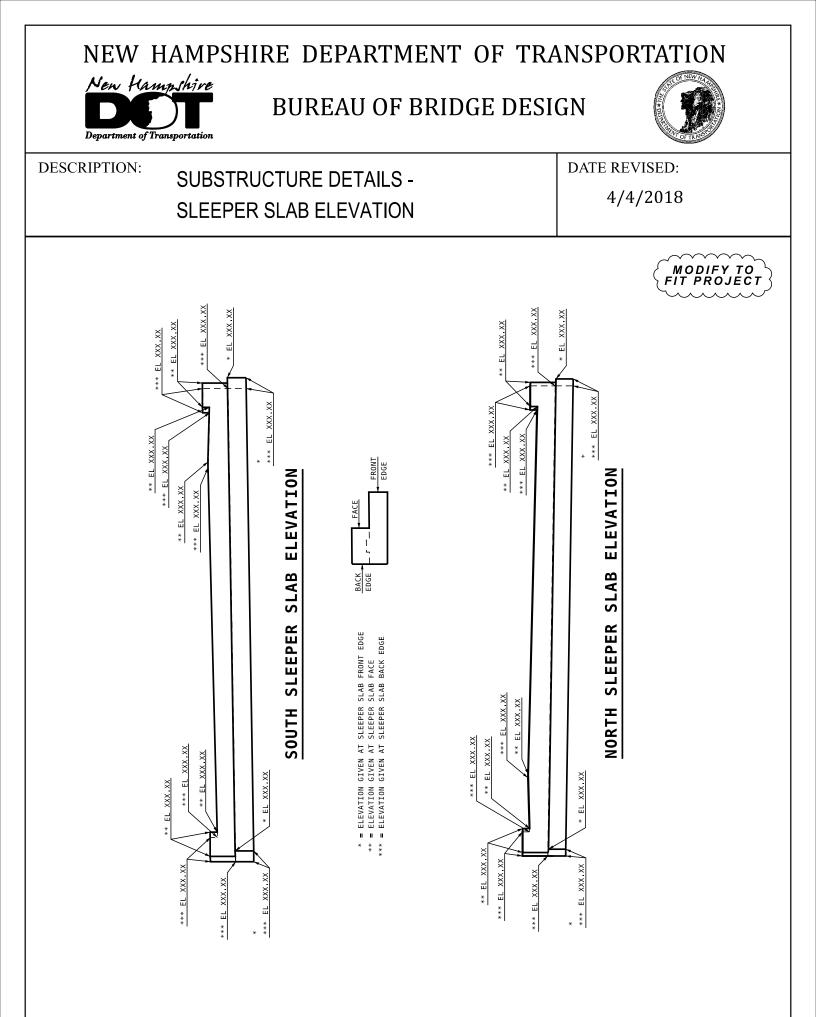


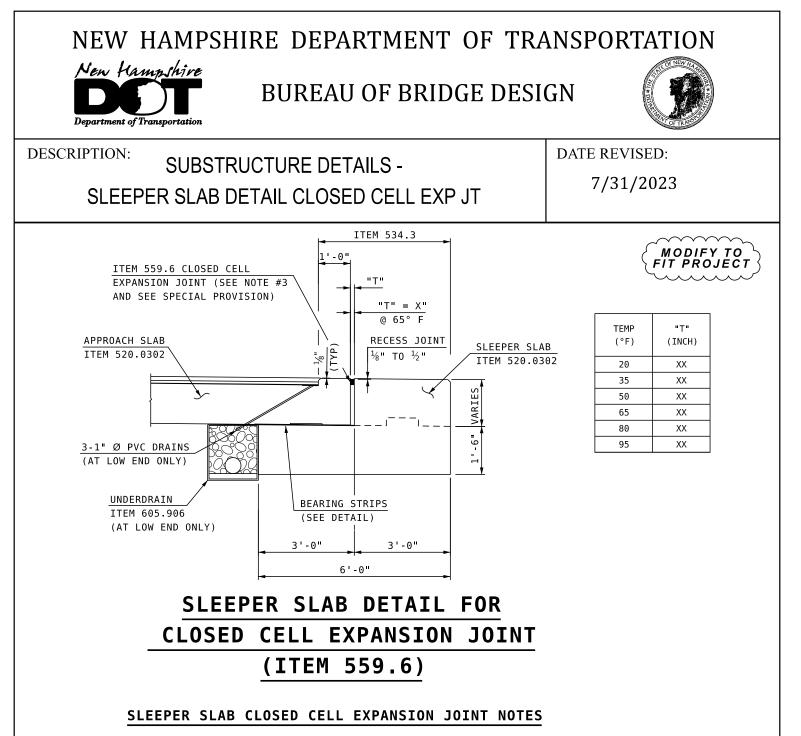












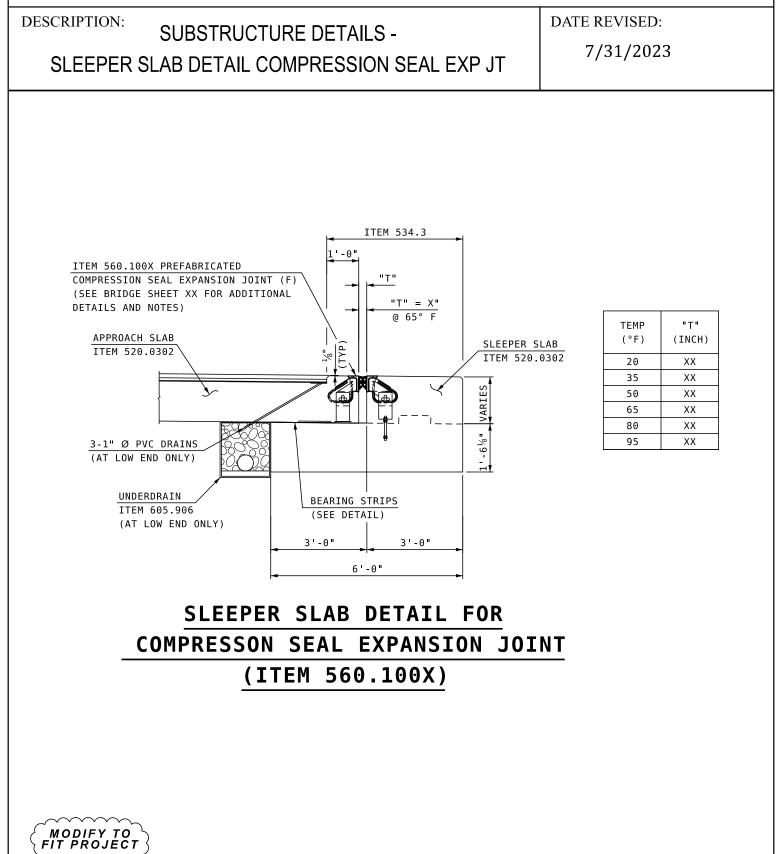
- 1. ITEM 559.6, PREFORMED CLOSED CELL EXPANSION JOINT SYSTEM (F), INCLUDES CLOSED CELL EXPANSION MATERIAL AND JOINT ADHESIVE AS NOTED IN THE SPECIAL PROVISION.
- 2. MINIMUM WIDTH "T" FOR INSTALLATION = XX" (APPROX. 65°F OR LESS).
- 3. THE CONTRACTOR SHALL USE CLOSED CELL *WABO EVAZOTE UV, EV X.XXXX BY WATSON BOWMAN ACME OR PLY-SEAL XE BEIGE #X.X BY POLYSET CO*. THE CLOSED CELL EXPANSION MATERIAL HAS BEEN DESIGNED TO STAY IN COMPRESSION. THIS DESIGN INCLUDES MOVEMENT DUE TO TEMPERATURE, SKEW, SHRINKAGE, AND MINIMUM INSTALLATION.
- 4. VALUES IN THE TEMPERATURE ADJUSTMENT TABLE ARE FOR ADJUSTING THE EXPANSION JOINT ASSEMBLY IMMEDIATELY PRIOR TO POURING THE CONCRETE BLOCKOUTS.
- 5. THE JOINT OPENING "T" MAY BE FORMED WITH OTHER CLOSED CELL EXPANSION MATERIAL NOTED ON THE QPL UNDER ITEM 559E. THE MATERIAL LISTED ON THE QPL IS DIFFERENT THAN ITEM 559.6. IF THE MATERIAL LISTED ON THE QPL IS USED FOR FORMING, THE MATERIAL CAN STAY IN THE JOINT HOWEVER, THE THICKNESS OF THE FORM MATERIAL MUST BE THE DIMENSION "T" OF THE JOINT OPENING FOR THE AMBIENT TEMPERATURE AT THE TIME OF THE CONCRETE POUR.
- 6. DO NOT USE EXTRUDED POLYSTRENE (XPS) RIGID FOAM NOTED ON THE QPL UNDER ITEM 520 M. FOR FORMING THE JOINT OPENING "T" UNLESS IT CAN BE COMPLETELY REMOVED FROM THE JOINT OPENING. THIS MATERIAL DOES NOT COMPRESS AND EXPAND.

NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION



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NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION





MODIFY TO FIT PROJECT

DESCRIPTION:

New Hampshire

Department of Transportation

SUBSTRUCTURE DETAILS -

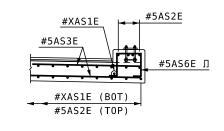
TYPICAL APPROACH & SLEEPER SLAB REINF. SECTION

DATE REVISED:

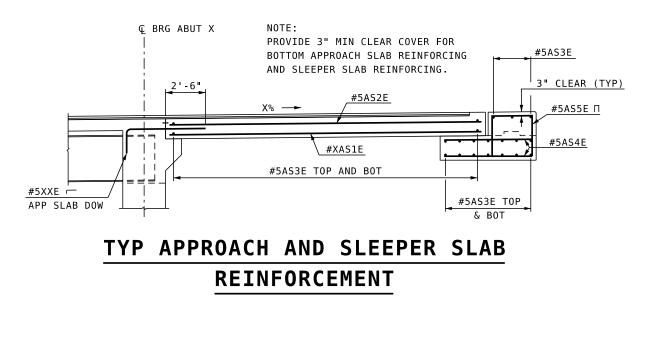
7/31/2023

APPROACH AND SLEEPER SLABS NOTES

- 1. APPROACH SLABS SHALL BE POURED FULL WIDTH AFTER THE CONCRETE DECK HAS BEEN CONSTRUCTED.
- 2. CONCRETE FOR APPROACH SLABS AND SLEEPER SLABS SHALL BE PAID FOR UNDER ITEM 520.0302, CONCRETE CLASS AA, APPROACH SLABS (QC/QA) (F).
- 3. 3-1" Ø PVC DRAINS SHALL BE INSTALLED (AT THE LOW END ONLY, BOTH CURB LINES) IN A 1/2" DEPRESSION. SET PIPES TO DRAIN INTO THE UNDERDRAIN BELOW THE APPROACH SLAB.
- 4. UNDERDRAINS SHALL MEET THE REQUIREMENTS OF SECTION 605. UNDERDRAINS SHALL BE PERFORATED, PLACED ON A PREPARED SURFACE WITH THE PERFORATIONS FACING DOWN, AND ON A MINIMUM SLOPE OF 2%. UNDERDRAIN SHALL BE CONTINOUS ALONG THE FULL WIDTH OF THE SLEEPER SLAB. PIPE INVERTS SHALL EXTEND A MINIMUM OF 3" BEYOND THE TOP SURFACE OF THE STONE SLOPE. WITNESS MARKERS SHALL BE PLACED AT THE OUTLET OF EACH DRAIN PIPE.
- 5. ITEM 534.3, WATER REPELLENT (SILANE-SILOXANE), SHALL BE APPLIED TO THE EXPOSED CONCRETE ON THE TOP OF THE SLEEPER SLAB AND THE APPROACH SLAB ARMOR.



CURB SECTION



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