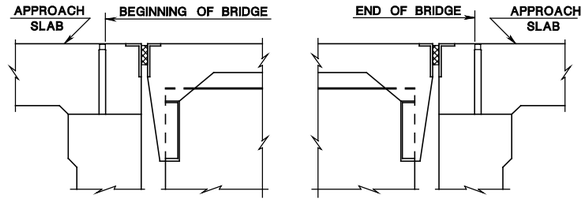
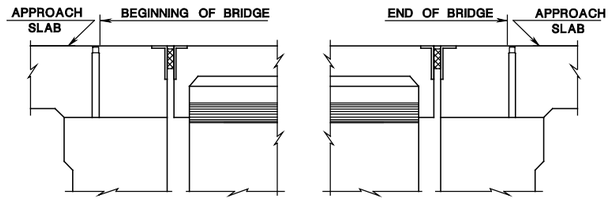
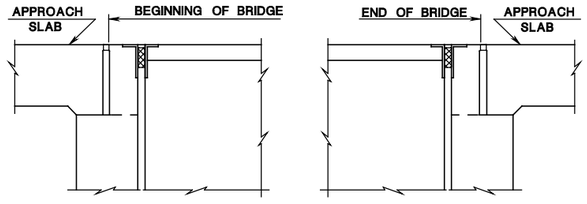


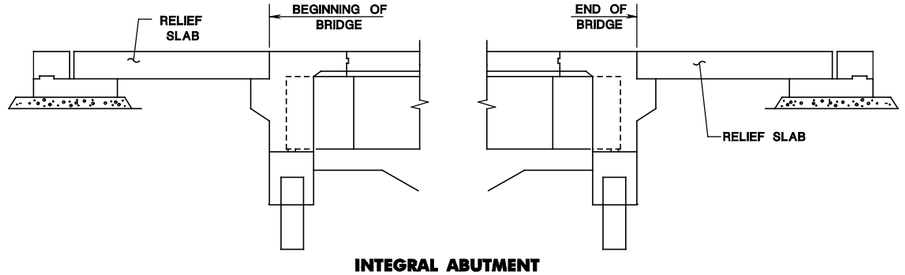

**STEEL STRINGERS**




**P.C.I. BEAMS**

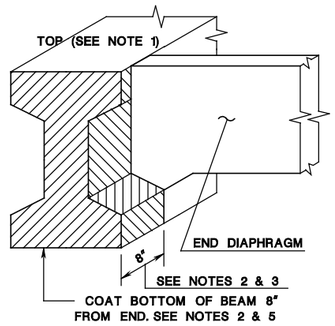



**P.C. SLAB AND BOX BEAMS**

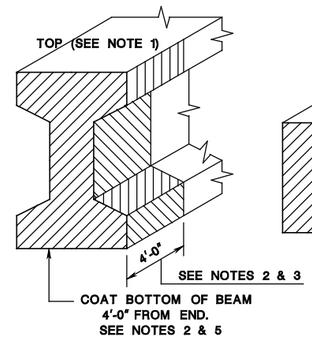



**INTEGRAL ABUTMENT**
**BRIDGE LIMITS**

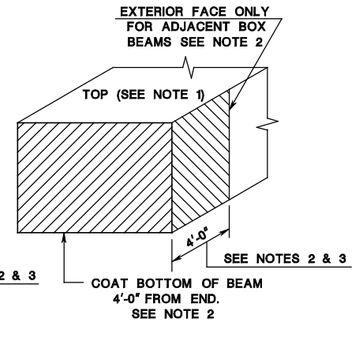





**INTERIOR FACE OF BEAMS**




**EXTERIOR FACE OF FASCIA BEAMS**




**EXTERIOR FACE OF FASCIA BOX BEAMS**

**NOTES:**

1. DO NOT APPLY SEALER TO THE TOP SURFACE OF ANY BEAM.
2. APPLY SEALER TO THE ENDS, BOTTOMS AND EXTERIOR SIDES OF FASCIA BEAMS FOR ALL ADJACENT BOX BEAMS. DO NOT COAT SIDES OF INTERIOR BOX BEAMS. APPLY SEALER TO THE ENDS, SIDES AND BOTTOMS OF ALL I-BEAMS.
3. APPLY SEAL COAT ONLY TO BEAM ENDS UNDER DECK JOINTS.
4. VOIDED SLAB BEAMS SIMILAR TO BOX BEAM DETAILS FOR EPOXY WATERPROOFING LIMITS.
5. OMIT EPOXY WATERPROOFING SEAL COAT FROM THE BEARING CONTACT AREAS FOR VARIOUS TYPES OF BEARINGS, CHECK BEARING MANUFACTURER'S RECOMMENDATIONS.

**PRESTRESSED CONCRETE I-BEAMS, VOIDED SLAB AND BOX BEAMS**
**EPOXY WATERPROOFING WITH GRIT LIMITS**



# MISCELLANEOUS BRIDGE ITEMS

N.T.S.

BCD-505-1

NEW JERSEY DEPARTMENT OF TRANSPORTATION
BUREAU OF STRUCTURAL ENGINEERING

## BRIDGE CONSTRUCTION DETAILS



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