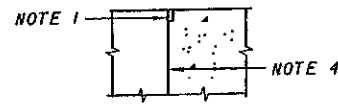


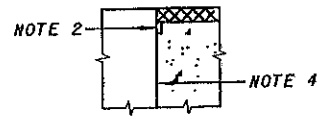
DETAIL A

CONCRETE WEARING SURFACE ON BRIDGE DECK AND APPROACH SLAB



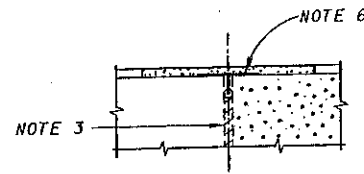
DETAIL B

CONCRETE WEARING SURFACE ON BRIDGE DECK AND APPROACH SLAB

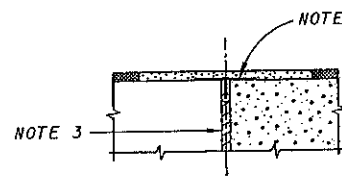


DETAIL C

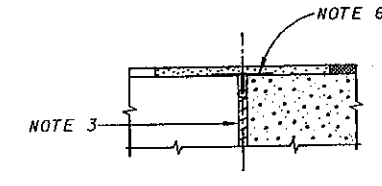
CONCRETE WEARING SURFACE ON BRIDGE DECK ONLY



DETAIL D



DETAIL E



DETAIL F

NOTE 1 : PREFORMED ELASTOMERIC JOINT SEALER 705.11 (1 1/4" FOR 1/2" JOINT) DEPRESSED 1/8" BELOW ROADWAY, PLACED IN 1/2" x 2 1/4" GROOVE.

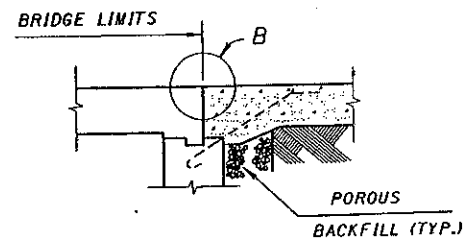
NOTE 2 : PREFORMED ELASTOMERIC JOINT SEALER 705.11 (1 1/4" FOR 1/2" JOINT) PLACED IN 1/2" x 2 1/8" GROOVE.

NOTE 3 : 1" PREFORMED EXPANSION JOINT FILLER 705.03

NOTE 4 : TYPE "A" WATERPROOFING.

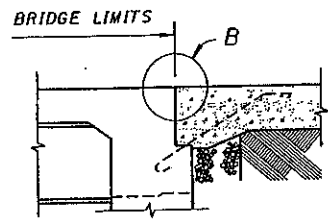
NOTE 5 : SEE PLAN INSERT SHEET, ABUTMENT JOINTS IN BITUMINOUS CONCRETE BOX BEAM BRIDGES.

NOTE 6 : SEE PLAN INSERT SHEET, POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM.

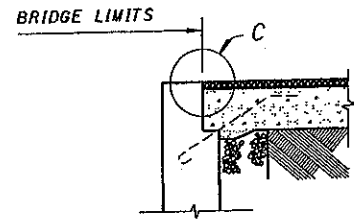


ON SLAB BRIDGES

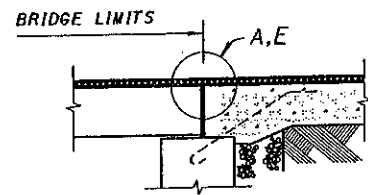
ASPHALT CONCRETE WEARING SURFACE ON BRIDGE DECK AND APPROACH SLAB



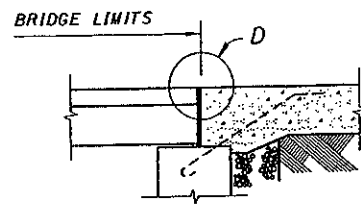
ON BRIDGES WITH INTEGRAL CONSTRUCTION



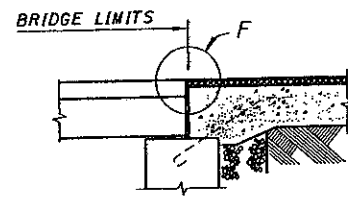
APPROACH SLAB SUPPORTED ON ABUTMENT BACKWALL



ON PRESTRESSED CONCRETE BOX BEAM BRIDGES



ON PRESTRESSED CONCRETE BOX BEAM BRIDGES

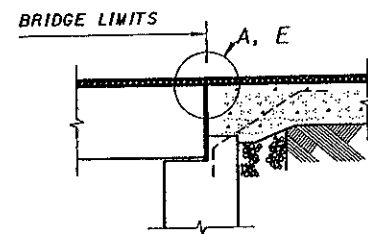


ON PRESTRESSED CONCRETE BOX BEAM BRIDGES

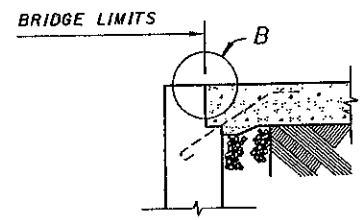
TYPE "A" WATERPROOFING SHALL NOT EXTEND ABOVE THE BOTTOM OF THE GROOVE INTO WHICH THE PREFORMED ELASTOMERIC JOINT SEALER IS TO BE PLACED. IT SHALL BE APPLIED TO THE ENTIRE AREA OF THE ABUTMENT OR SUPERSTRUCTURE WHICH COMES INTO CONTACT WITH THE APPROACH SLAB.

FOR PRESTRESSED CONCRETE BOX BEAM BRIDGES WITH ASPHALT CONCRETE ON BOTH BRIDGE DECK AND APPROACH SLAB, THE TOP OF APPROACH SLAB AT THE BRIDGE END SHALL BE CONSTRUCTED TO THE LEVEL OF THE TOP OF THE BEAMS TO FACILITATE WATERPROOFING OF THE JOINT. THE THICKNESS OF ASPHALT CONCRETE AT THE APPROACH END SHALL BE THE THICKNESS OF ASPHALT CONCRETE USED ON THE ROADWAY PAVEMENT. THE THICKNESS OF ASPHALT CONCRETE SHALL VARY UNIFORMLY, IF NECESSARY, IN THE LENGTH OF THE APPROACH SLAB. THE BASE SHALL BE GRADED TO PERMIT THE BOTTOM OF THE APPROACH SLAB TO BE PARALLEL TO THE TOP.

FOR STRUCTURES HAVING ASPHALT CONCRETE WEARING SURFACE ON BOTH BRIDGE DECK AND APPROACH SLABS AND WHERE NO DECK EXPANSION DEVICES ARE PROVIDED, THE DECK MEMBRANE WATERPROOFING SHALL EXTEND BEYOND THE BRIDGE LIMITS A DISTANCE OF 2'-0".



APPROACH SLAB SUPPORTED ON ABUTMENT BACKWALL



APPROACH SLAB SUPPORTED ON ABUTMENT BACKWALL

NOTE : APPROACH SLAB SEAT ON PRESTRESSED CONCRETE BOX BEAM BRIDGES IS SHOWN AT SAME ELEVATION AS BEAM SEAT. HOWEVER, IT MAY ACTUALLY BE HIGHER OR LOWER THAN THE BEAM SEAT DEPENDING ON BOX BEAM DEPTH.

DESIGN AGENCY	BUREAU OF BRIDGES AND STRUCTURAL DESIGN
STATE OF OHIO DEPARTMENT OF TRANSPORTATION	11-27-81
ENGINEER OF BRIDGES	DATE
DESIGNED	JFF
DRAWN	JFF
CHECKED	JAM
REVIEWED	LHW
STANDARD	AS-1-81
REINFORCED CONCRETE APPROACH SLAB	
REVISED	9-15-94
DATE	
2	3