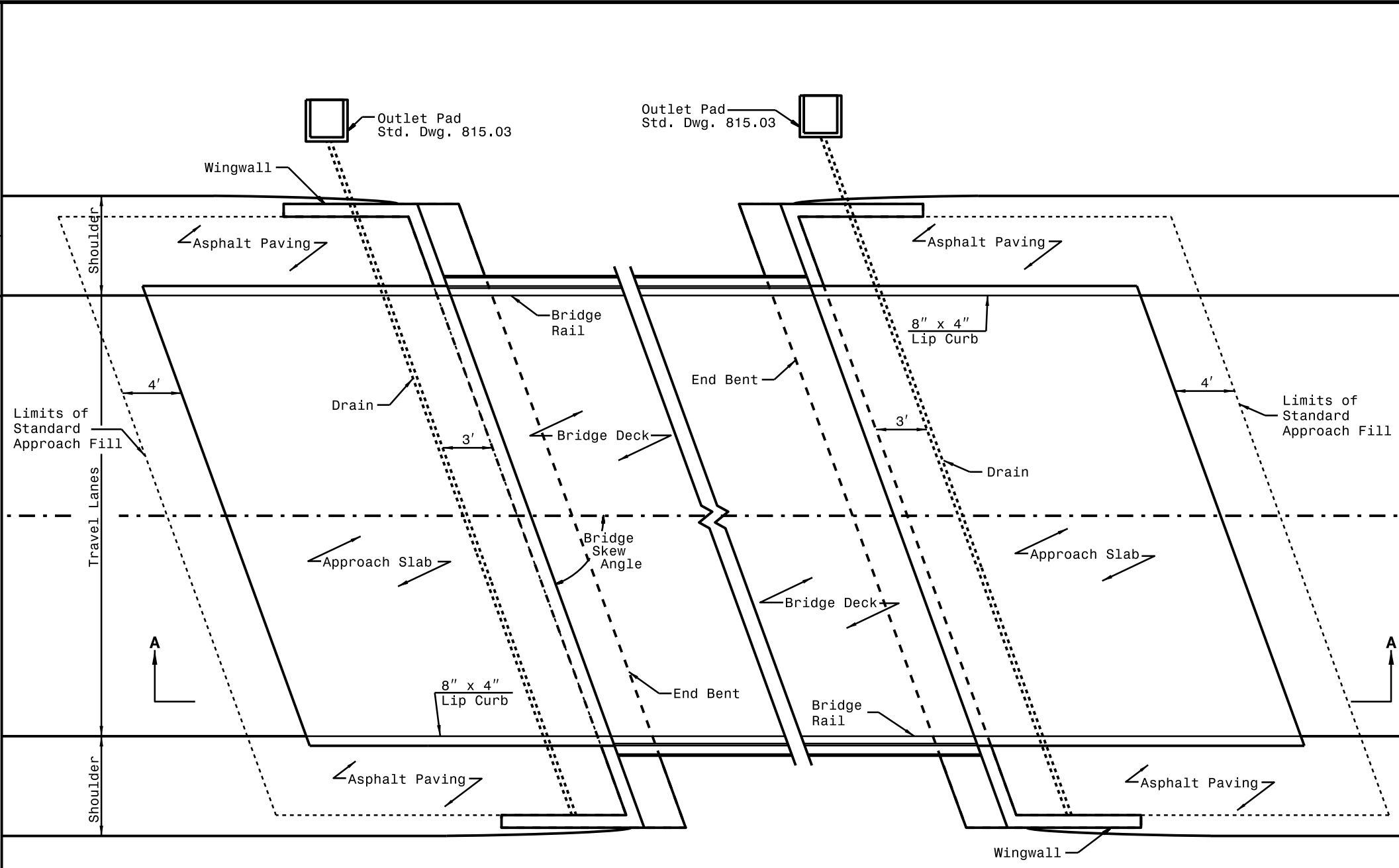


1-18

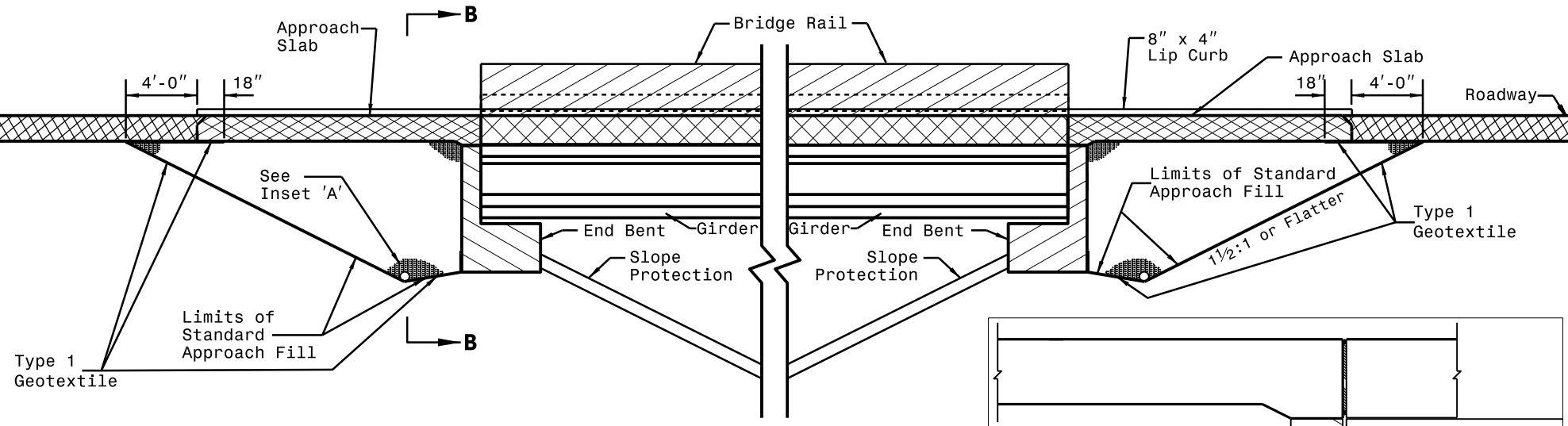
ROADWAY STANDARD DRAWING FOR
BRIDGE APPROACH FILLS
TYPE I - STANDARD APPROACH FILL



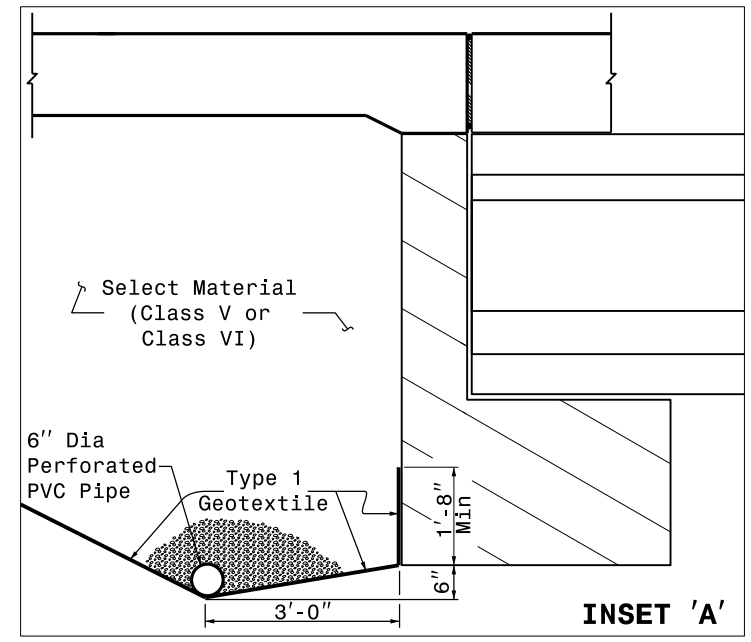
**PLAN VIEW
APPROACH SLAB**

1-18

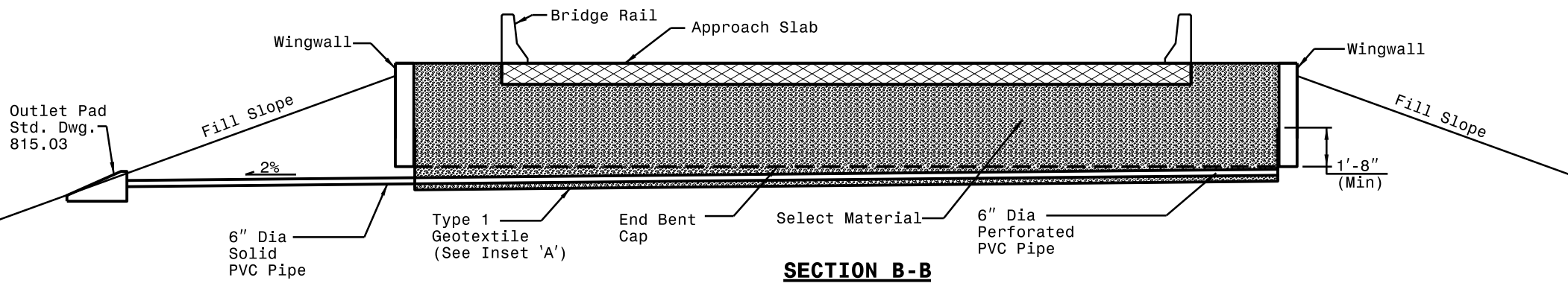
ROADWAY STANDARD DRAWING FOR
BRIDGE APPROACH FILLS
TYPE I - STANDARD APPROACH FILL



SECTION A-A



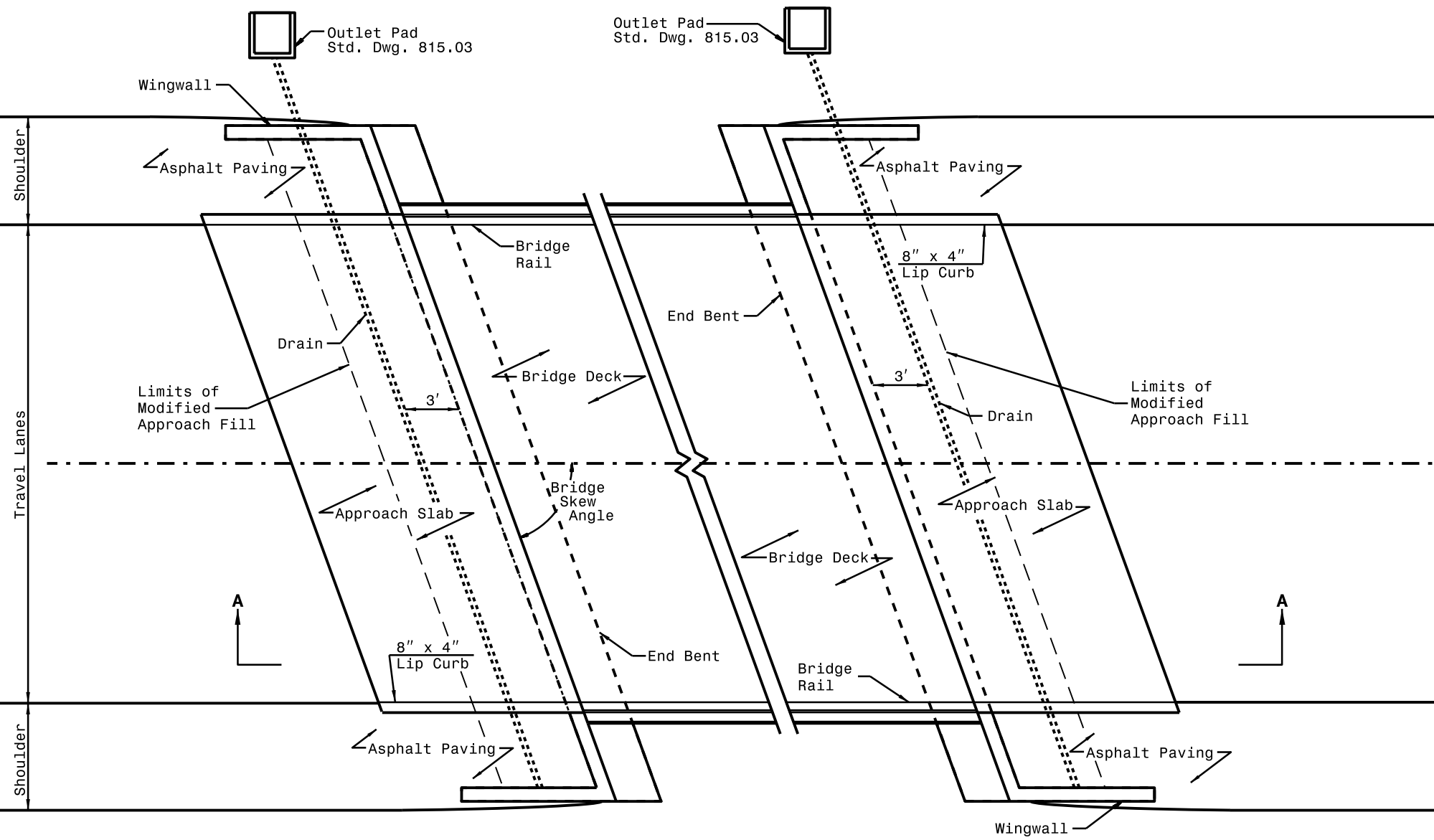
INSET 'A'



SECTION B-B

1-18

ROADWAY STANDARD DRAWING FOR
BRIDGE APPROACH FILLS
 TYPE II - MODIFIED APPROACH FILL



**PLAN VIEW
 APPROACH SLAB**

Approach Slab With Asphalt Overlay

Asphalt Overlay

Bridge Rail

8" x 4" Lip Curb

Approach Slab With Asphalt Overlay

Roadway

See Inset 'A'

End Bent

End Bent

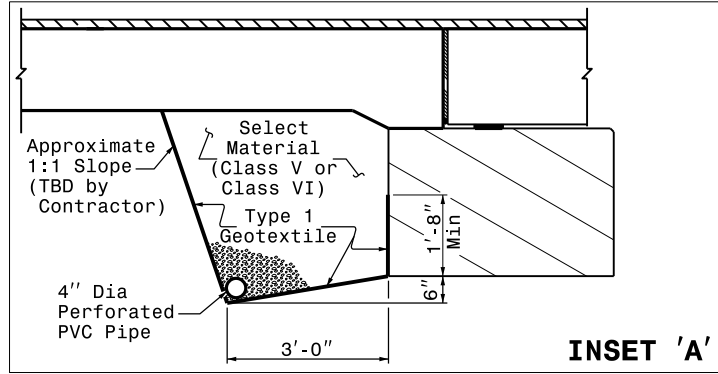
Limits of Modified Approach Fill

Slope Protection

Slope Protection

Limits of Modified Approach Fill

SECTION A-A



Wingwall

Bridge Rail

Approach Slab With Asphalt Overlay

Wingwall

Outlet Pad Std. Dwg. 815.03

4" Dia. Solid PVC Pipe

Type 1 Geotextile (See Inset 'A')

End Bent Cap

Select Material

4" Dia. Perforated PVC Pipe

1'-8" (Min)

Fill Slope

Fill Slope

2%

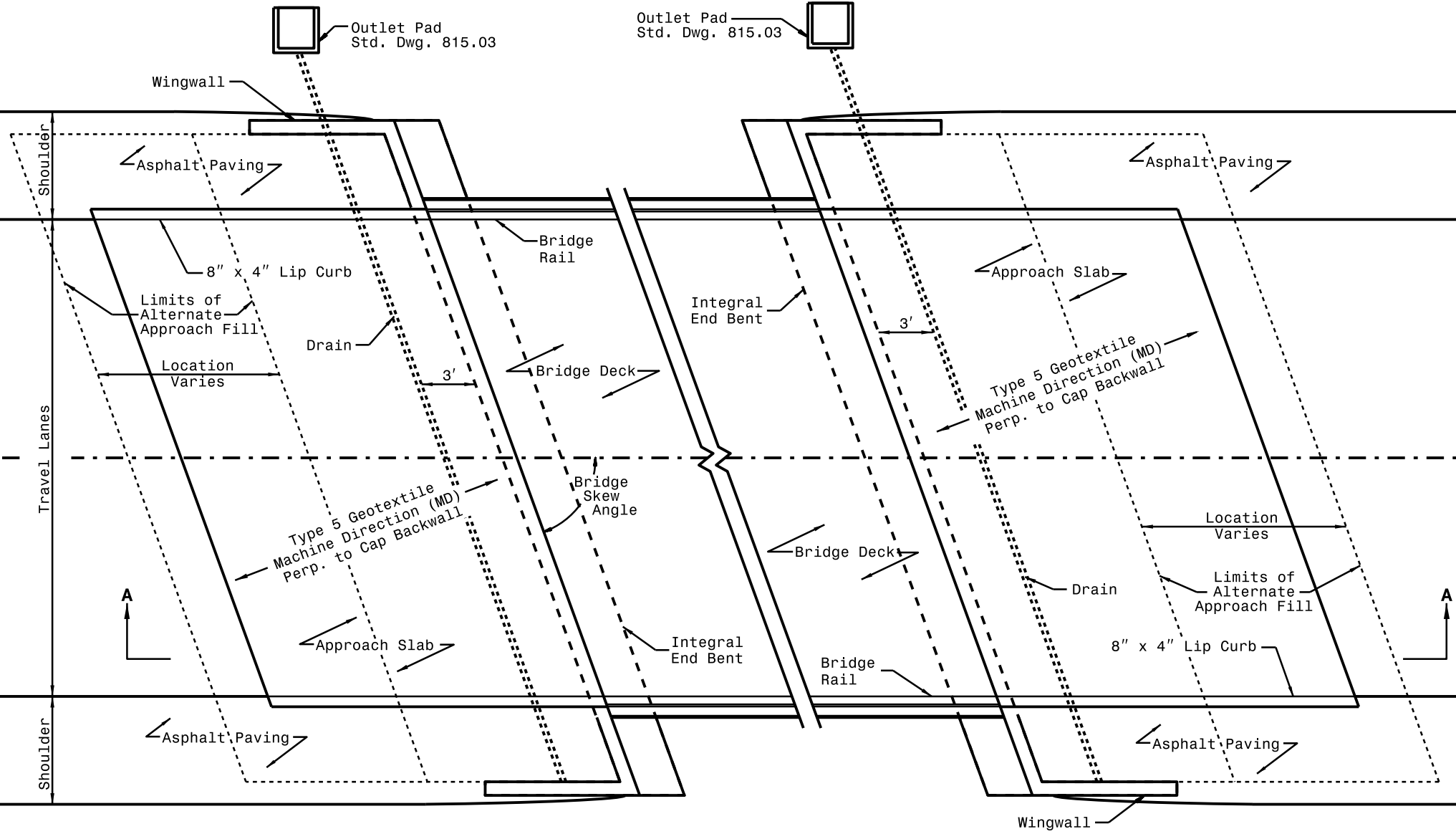
SECTION B-B

1-18 STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.

ROADWAY STANDARD DRAWING FOR **BRIDGE APPROACH FILLS** TYPE II - MODIFIED APPROACH FILL

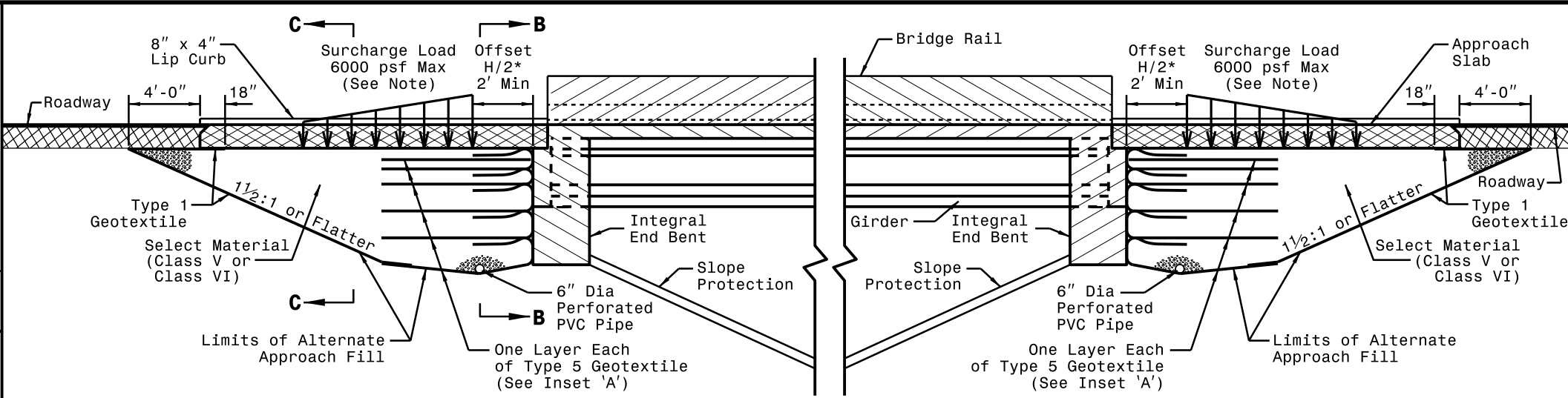
1-18

ROADWAY STANDARD DRAWING FOR
BRIDGE APPROACH FILLS
TYPE A - ALTERNATE APPROACH FILL
FOR INTEGRAL ABUTMENT



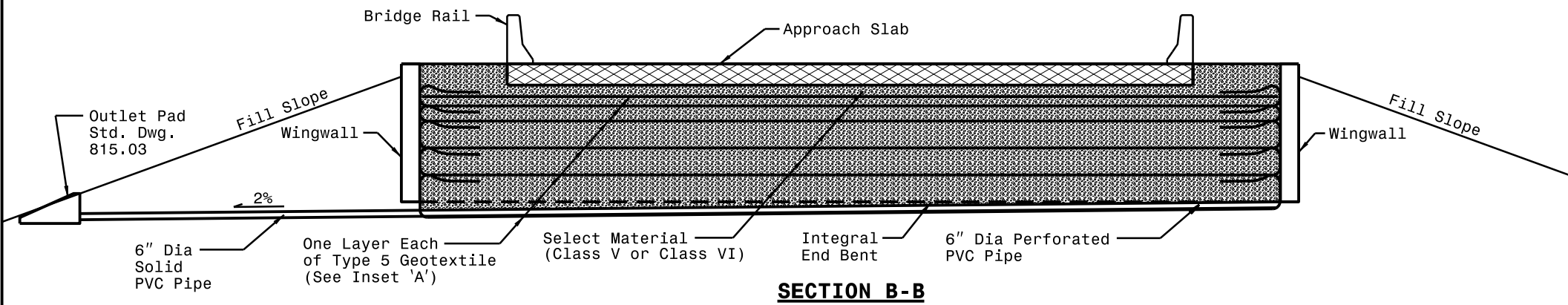
**PLAN VIEW
APPROACH SLAB**

1-18

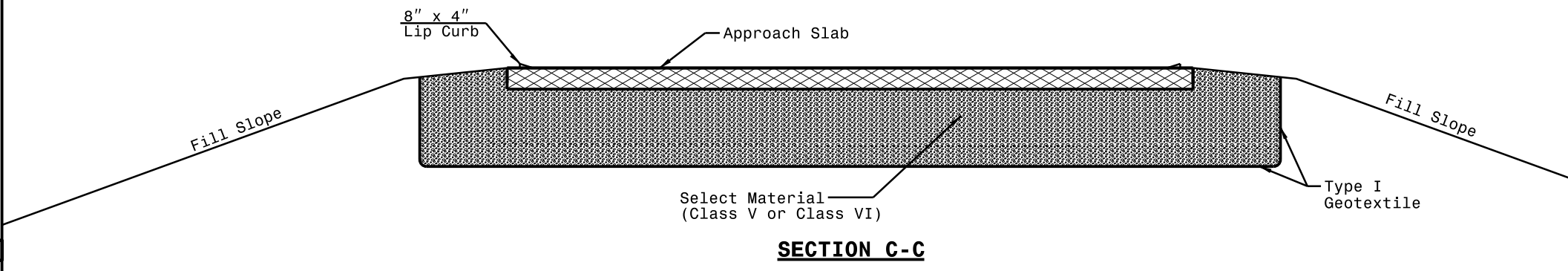


**SECTION A-A FOR ALTERNATE TO
 TYPE I STANDARD APPROACH FILL
 (*H As Shown on Sheet 4 of 4)**

NOTE: Temporary geotextile walls are designed for a maximum eccentric surcharge pressure of 6000 psf for the offset shown. Surcharge loads from construction equipment, e.g., cranes that exceed 6000 psf are the Contractor's responsibility.

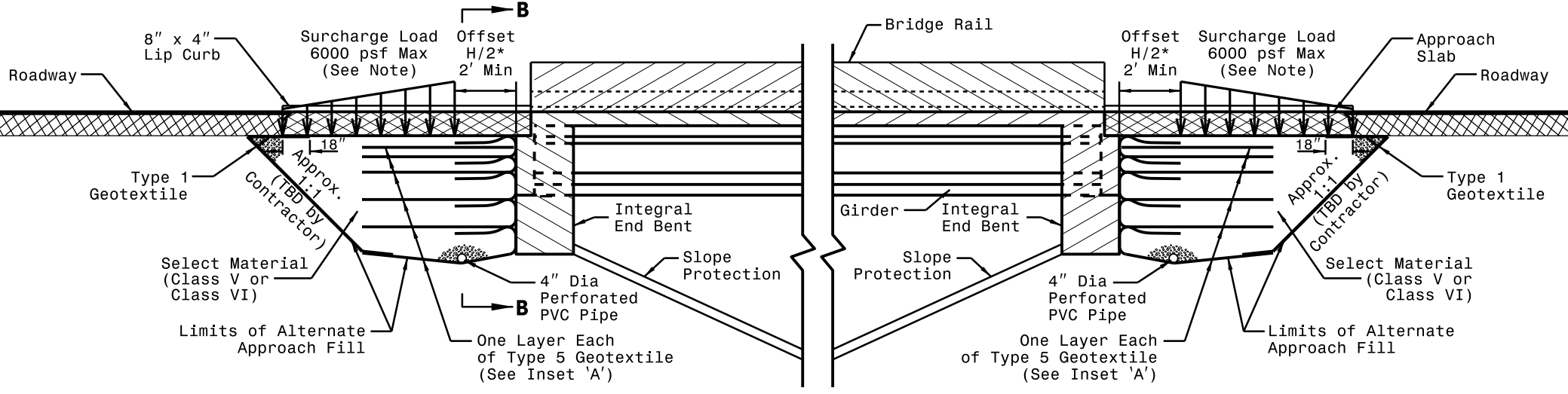


SECTION B-B



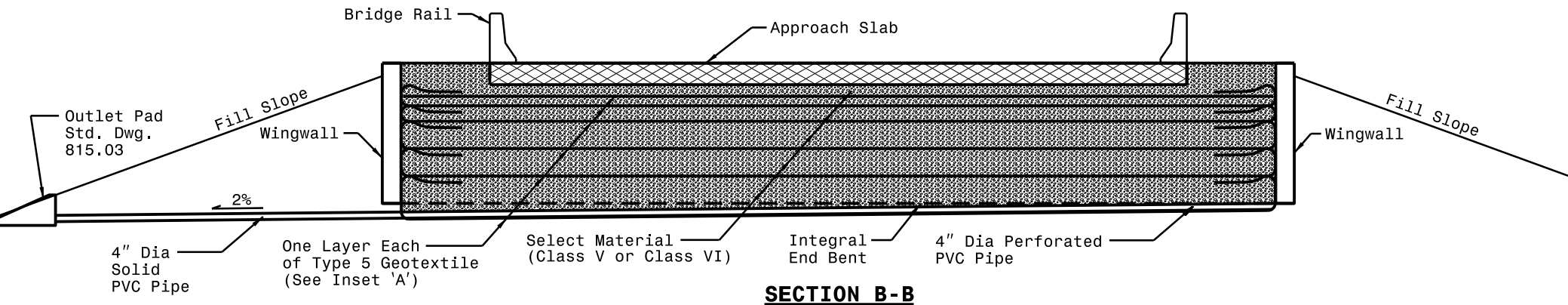
SECTION C-C

1-18



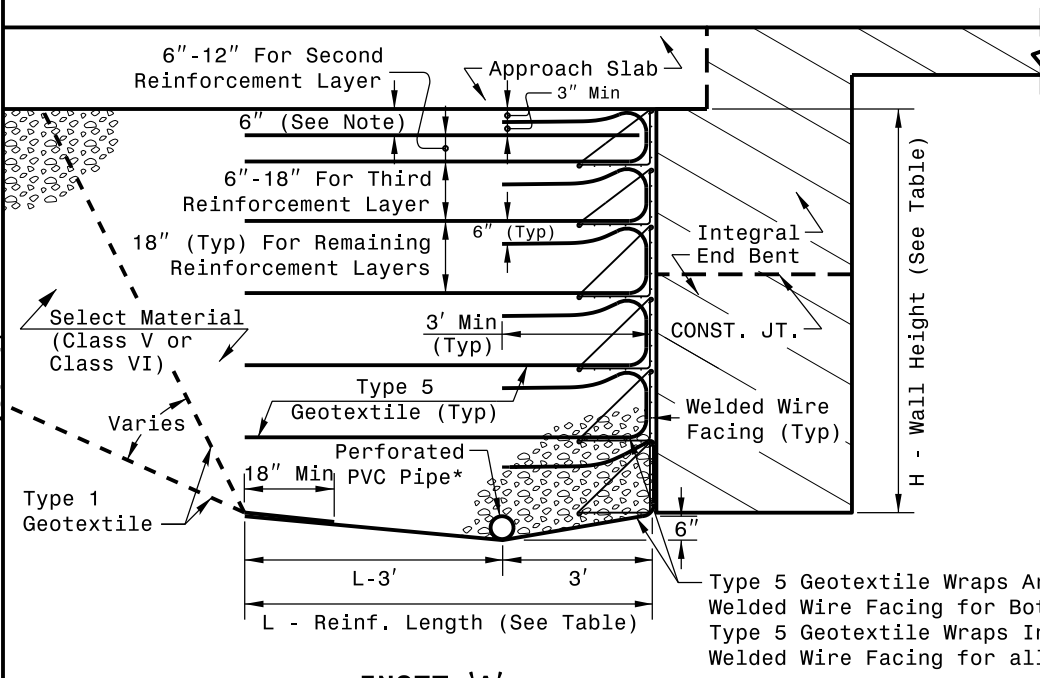
**SECTION A-A FOR ALTERNATE TO
TYPE II MODIFIED APPROACH FILL**
(*H As Shown on Sheet 4 of 4)

NOTE: Temporary geotextile walls are designed for a maximum eccentric surcharge pressure of 6000 psf for the offset shown. Surcharge loads from construction equipment, e.g., cranes that exceed 6000 psf are the Contractor's responsibility.

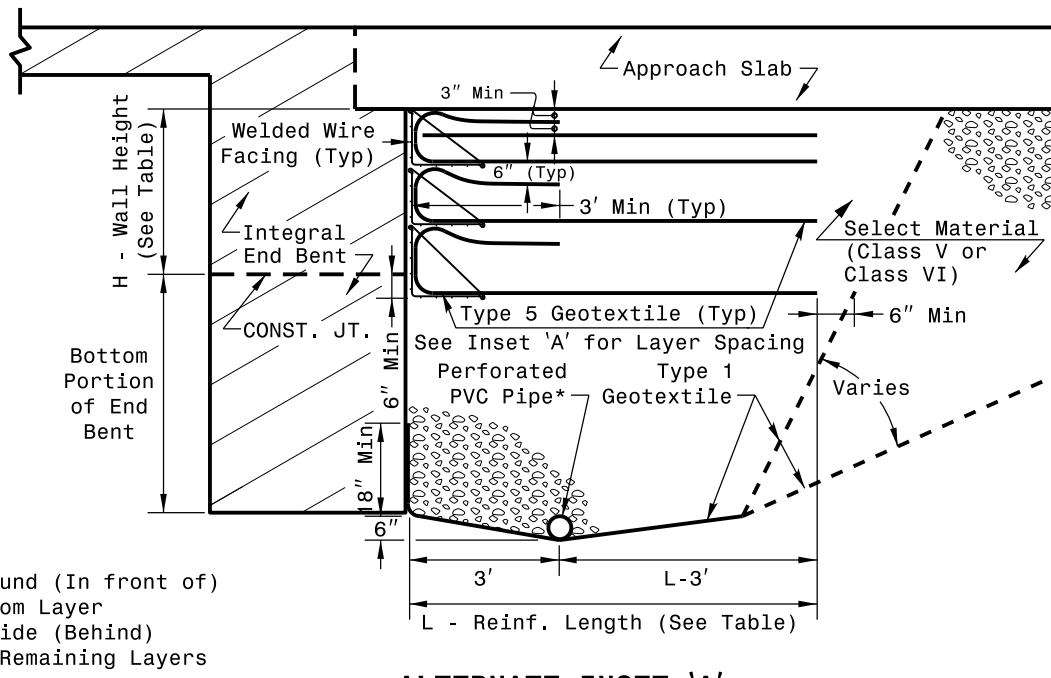


SECTION B-B

1-18



INSET 'A'



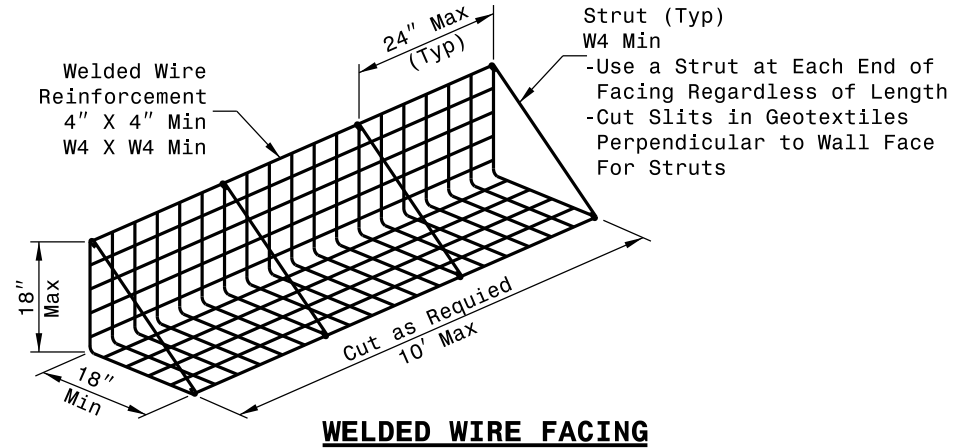
ALTERNATE INSET 'A'

(When Bottom Portion of Integral End Bent is Constructed Before Temporary Wall and End Bent Piles are at Least 25' Long or Drilled In)

TEMPORARY GEOTEXTILE WALL DETAILS

(*Perforations Pointing Down and Pipes Sloped to Drain)

GEOTEXTILE REINFORCEMENT (TYPE 5 GEOTEXTILE)		
WALL HEIGHT H (ft)	REINF. LENGTH L (ft)	WIDE WIDTH TENSILE STRENGTH @ ULTIMATE (MD) (lb/ft)
< 8	8	5000
8 TO 12	= H	



NOTE: Place top (first) reinforcement layer 6" below top of wall regardless of vertical spacing for underlying reinforcement layers. As shown in insets above, it is not necessary to wrap the top layer of geotextile reinforcement at the wall face.