

JOINT TYPE FOR MOVEABLE ABUTMENT BRIDGES		
Joint	Maximum Bridge Length	
	Concrete Beam or Slab	Steel Girder
CF-1	370'	250'
CF-2	465'	320'
CF-3	575'	400'

- ① 2" min. to 2 1/2" max. clear to bent bar.
- ② Minimum lap length: #5 Bars - 18"  
#6 Bars - 27"  
#8 Bars - 48"
- ③ If bridge is skewed, place additional #5 bar parallel to skewed face.

For joint details, refer to PV-101.

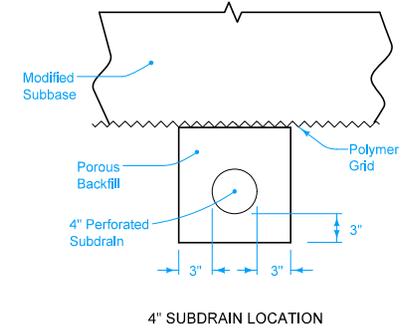
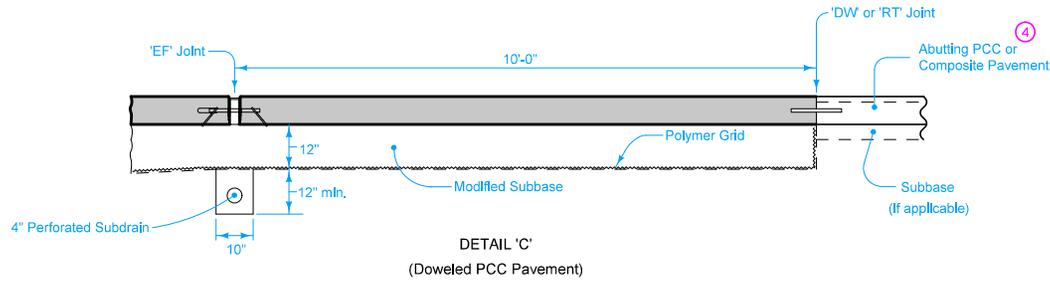
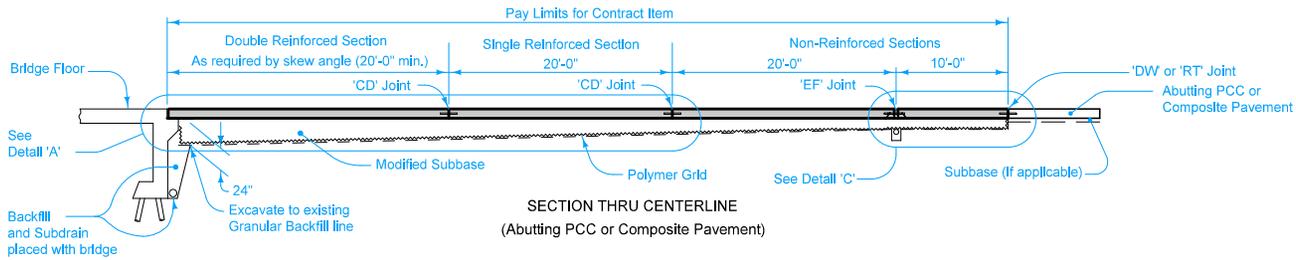
For curb details, see Detail 'G'.

All transverse bars are #5.

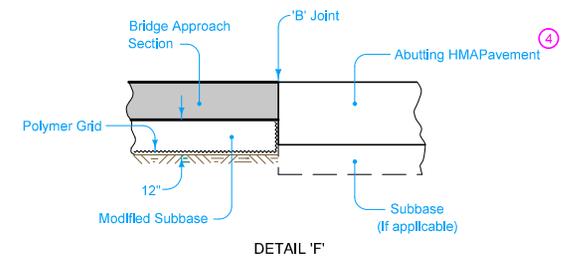
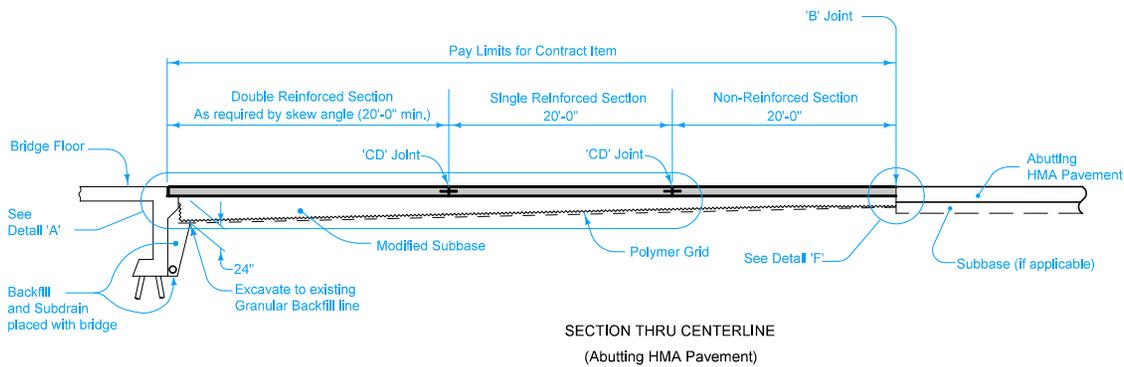
Possible Contract Item:  
Bridge Approach, BR-203

Possible Tabulation:  
112-6

 <b>STANDARD ROAD PLAN</b>	REVISION New 04-21-15
	BR-203
	SHEET 1 of 3
REVISIONS: New. Replaces RK-20.	
 <small>APPROVED BY DESIGN METHODS ENGINEER</small>	
DOUBLE REINFORCED 12" APPROACH	



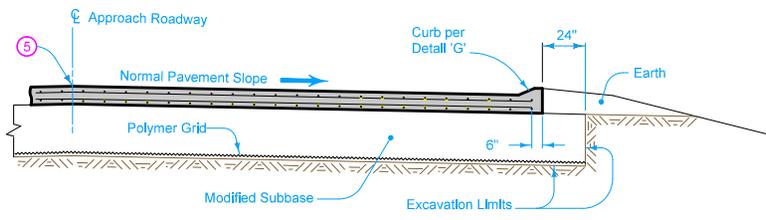
4 If abutting pavement (PCC or HMA) is not in place, refer to BR-213.



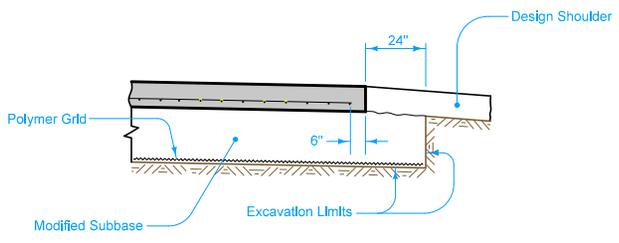
	REVISION
	New 04-21-15
<b>STANDARD ROAD PLAN</b>	<b>BR-203</b>
REVISIONS: New. Replaces RK-20.	SHEET 2 of 3

*Brian Smith*  
APPROVED BY DESIGN METHODS ENGINEER

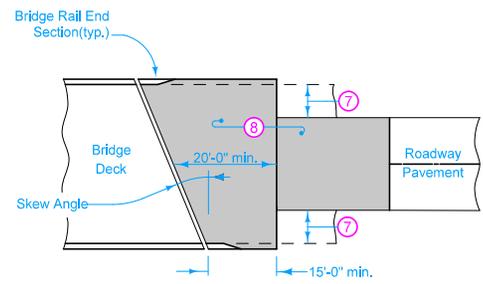
**DOUBLE REINFORCED 12" APPROACH**



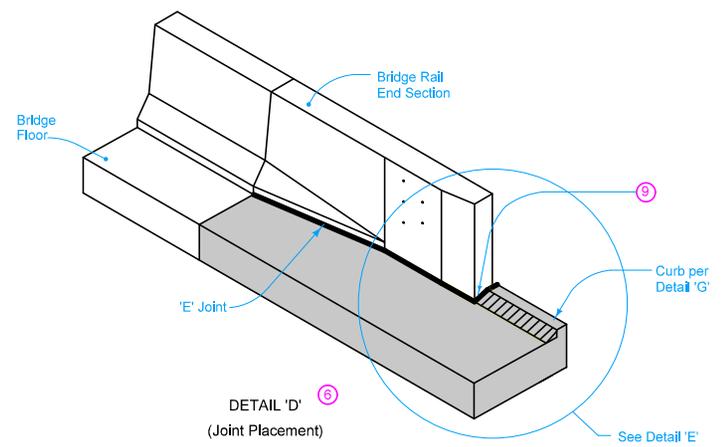
SECTION A-A (6)



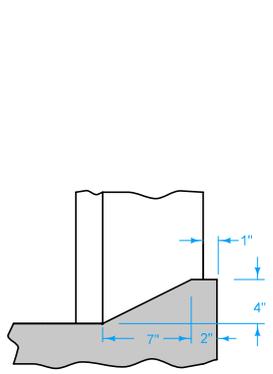
SECTION B-B (6)



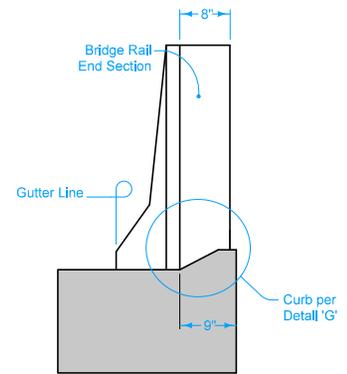
APPROACH PAVEMENT LAYOUT AT A SKEW



DETAIL 'D' (Joint Placement) (6)

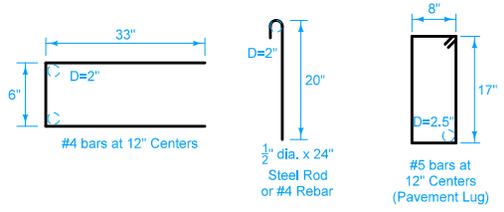


DETAIL 'G'



DETAIL 'E' (Back of Curb Placement)

- (5) Longitudinal Joint (PV-101): Single pour - Saw cut joint per Detail B. Two pours - Use 'KS-2' joint.
- (6) Refer to BR-211, BR-212, or BR-231.
- (7) Design shoulder width.
- (8) Reinforced bridge approach section.
- (9) Expansion joint at end of Bridge Rail End Section: Place joint filler the full depth of the bridge approach pavement. In areas with curb, place full depth of pavement plus curb and shape material to fit the shape of the curb per Section B-B of PV-101. Seal joint per Detail F of PV-101.
  - Fixed Abutment Bridges: Type 'E' joint.
  - Moveable Abutment Bridges: Flexible Foam Expansion Joint Filler complying with Section 4136 of the Standard Specifications. Minimum filler width is the abutment 'CF' joint width. Joint length as required to completely fill from back side of curb to front face of bridge wing.



BENT BAR SHAPES

 <b>STANDARD ROAD PLAN</b>	REVISION New 04-21-15
	<b>BR-203</b>
SHEET 3 of 3	
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DOUBLE REINFORCED 12" APPROACH	