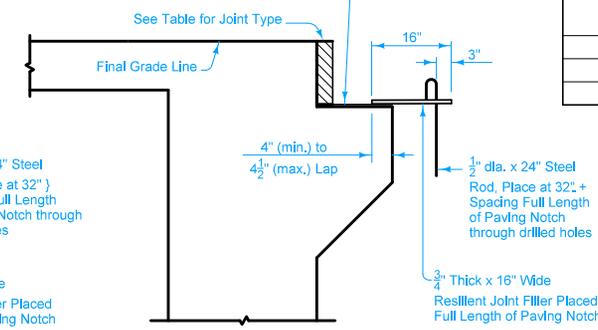


DETAIL 'B' (Fixed Abutment)

Debond paving notch with two (2) layers of 30# asphaltic felt paper full length of paving notch



DETAIL 'B' (Moveable Abutment)

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'

For joint details, refer to PV-101. For curb details, see Detail 'G'.

All transverse bars are #5.

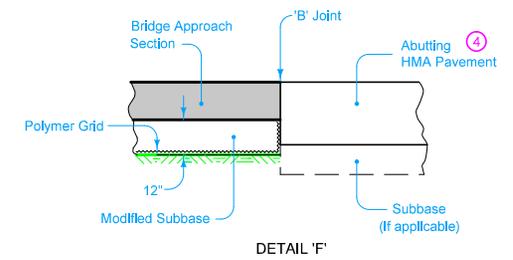
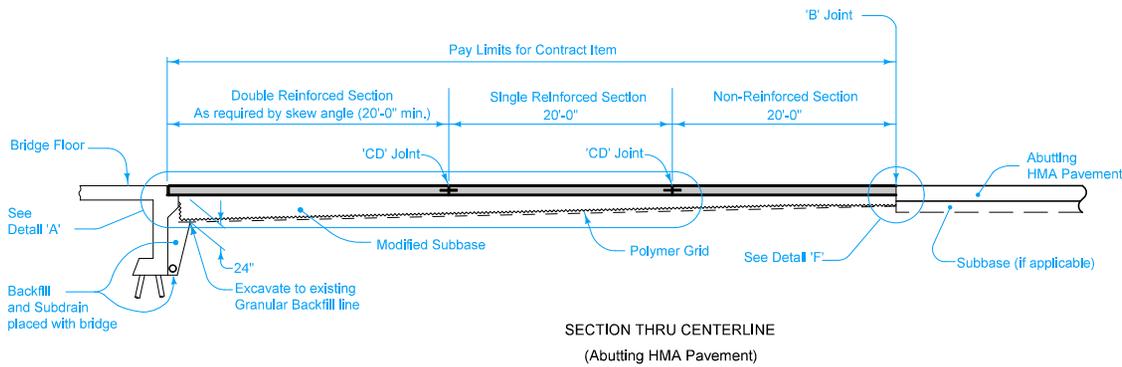
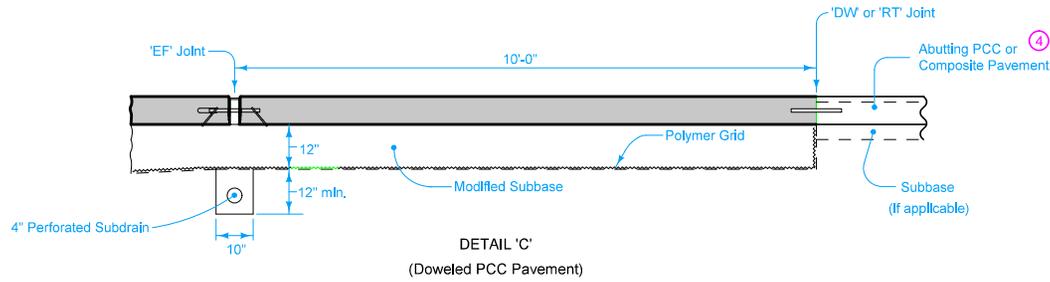
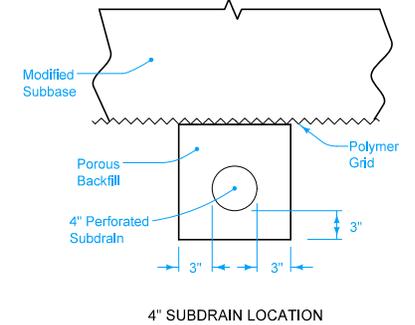
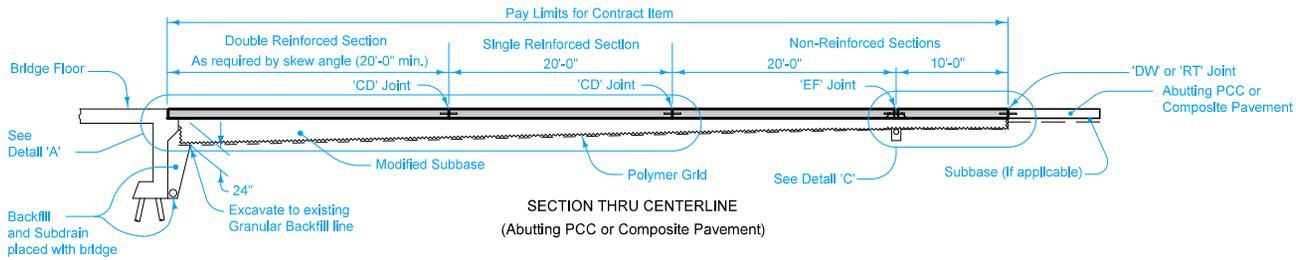
Possible Contract Item:

Bridge Approach, RK-20

Possible Tabulation: 112-6

- 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.

 <b>STANDARD ROAD PLAN</b>	REVISION	
	12	10-21-14
	<b>RK-20</b>	
SHEET 1 of 3		
<small>REVISIONS: Moved Double Reinforced Section dimension to the outside of the joint. Changed label from Bridge End Post to Bridge Rail End Section.</small>		
 <small>APPROVED BY DESIGN METHODS ENGINEER</small>		
<b>DOUBLE REINFORCED 12" APPROACH</b>		



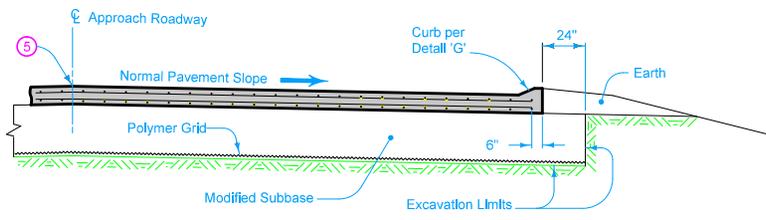
 <b>STANDARD ROAD PLAN</b>	REVISION	
	12	10-21-14
	<b>RK-20</b> SHEET 2 of 3	

REVISIONS: Moved Double Reinforced Section dimension to the outside of the joint.  
 Changed label from Bridge End Post to Bridge Rail End Section.

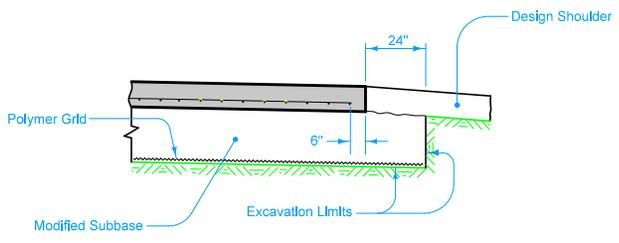
*Brian Smith*  
 APPROVED BY DESIGN METHODS ENGINEER

**DOUBLE REINFORCED 12" APPROACH**

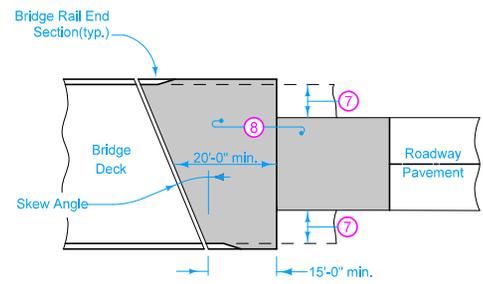
④ If abutting pavement (PCC or HMA) is not in place, refer to RK-30.



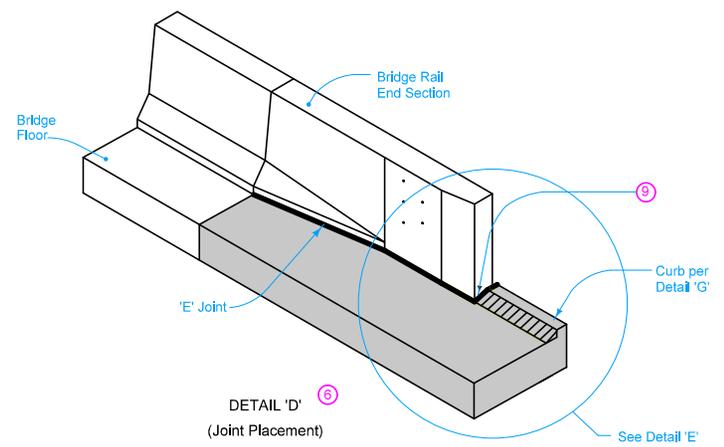
SECTION A-A (6)



SECTION B-B (6)



APPROACH PAVEMENT LAYOUT AT A SKEW

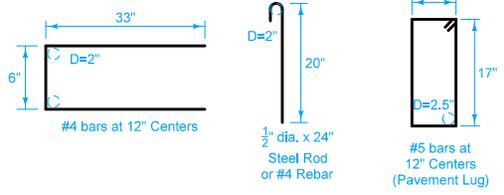


DETAIL 'D' (Joint Placement) (6)

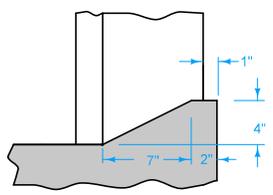
- (5) Longitudinal Joint: (PV-101) Single pour - Saw cut joint per Detail B. Two pours - Use 'KS-2' Joint
- (6) Refer to RK-21, RK-22, or RK-23.
- (7) Design shoulder width.
- (8) Reinforced bridge approach section.
- (9) Expansion joint at end of Bridge Rail End Section: Place joint filler the full 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

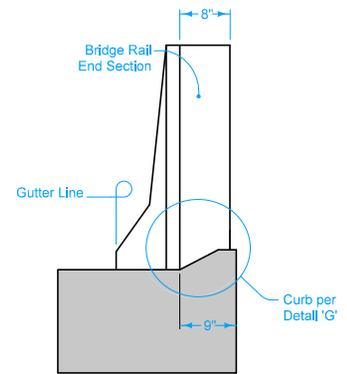
- Moveable Abutment Bridges: Flexible Foam Expansion Joint Filler in accordance with Specification Section 4136. Minimum filler width is the abutment 'CF' joint width. Joint length as required to completely fill from back side of curb to front face of bridge wing.



BENT BAR SHAPES



DETAIL 'G'



DETAIL 'E' (Back of Curb Placement)

 <b>STANDARD ROAD PLAN</b>	REVISION	
	12	10-21-14
	<b>RK-20</b>	
SHEET 3 of 3		
REVISIONS: Moved Double Reinforced Section dimension to the outside of the joint. Changed label from Bridge End Post to Bridge Rail End Section.		
 APPROVED BY DESIGN METHODS ENGINEER		

**DOUBLE REINFORCED 12" APPROACH**