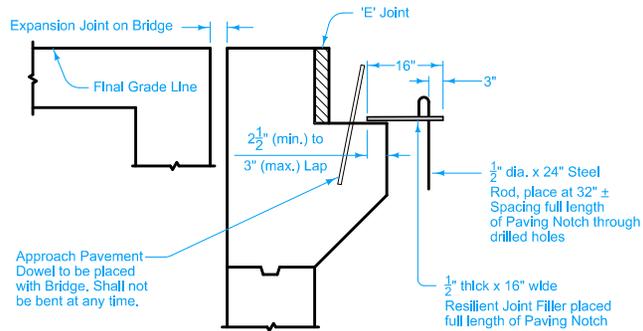


DETAIL 'A'

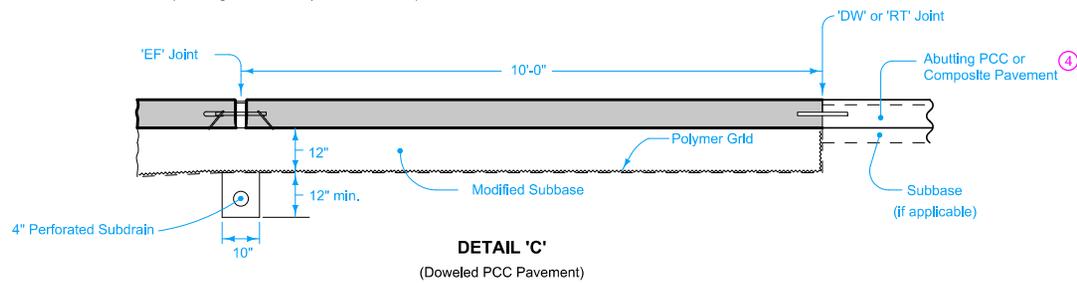
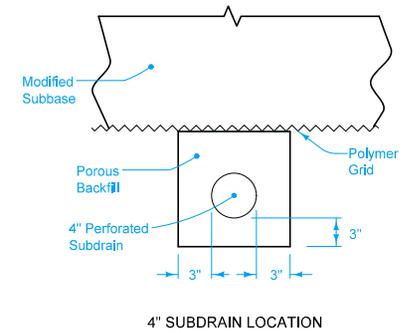
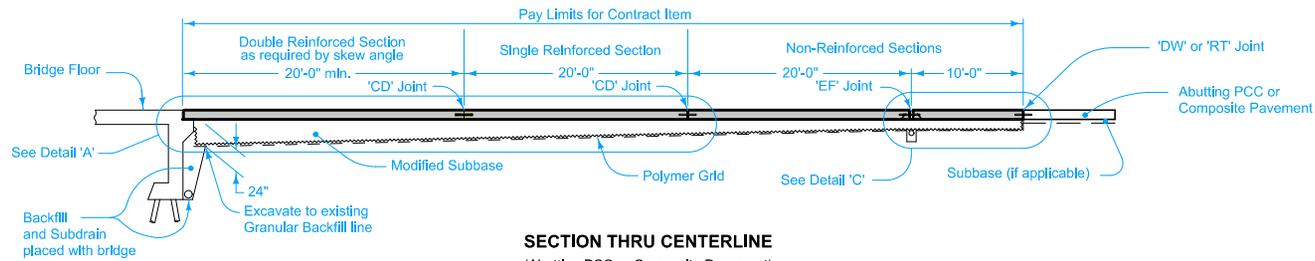


DETAIL 'B'

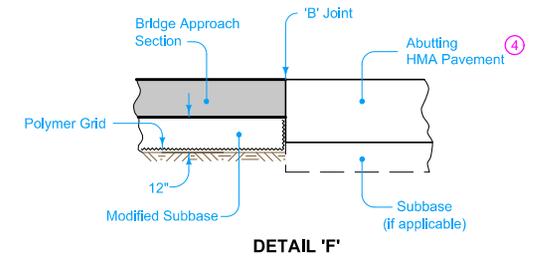
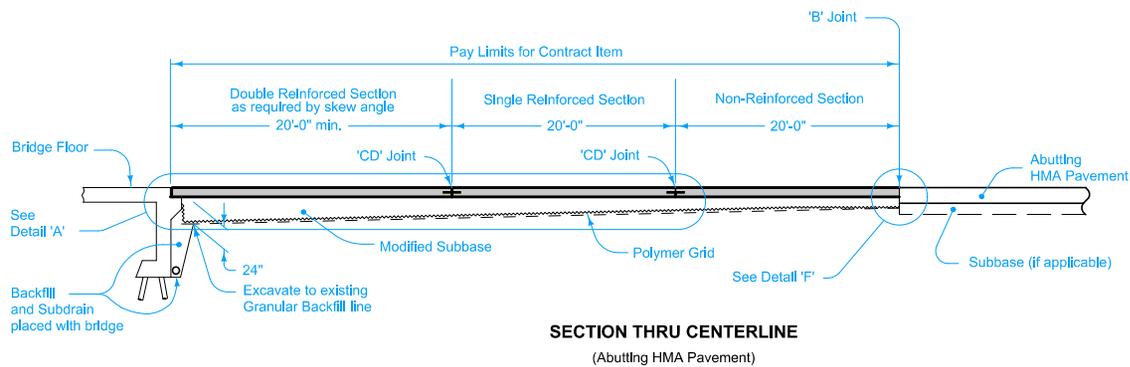
FIXED ABUTMENT

- ① 2" to 2½" clear to bent bar.
- ② Minimum lap length: #5 bars - 18 inches
#6 bars - 27 inches
#8 bars - 48 inches
- ③ If bridge is skewed, place additional #5 bar parallel to skewed face.

IOWA DOT	REVISION	
	New	04-21-15
STANDARD ROAD PLAN		BR-204
REVISIONS: New. Replaces RK-27.		SHEET 2 of 4
 APPROVED BY DESIGN METHODS ENGINEER		
DOUBLE REINFORCED 12" APPROACH WITH VARIABLE DEPTH PAVING NOTCH		



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

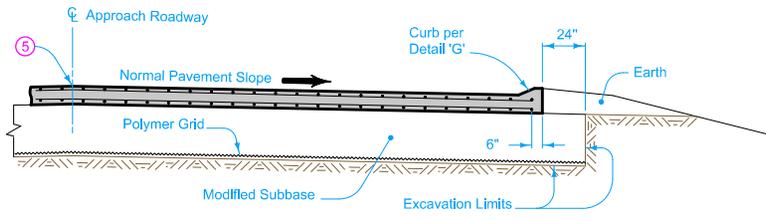


	REVISION
	New 10-21-14
STANDARD ROAD PLAN	BR-204
REVISIONS: New. Replaces RK-27.	SHEET 3 of 4

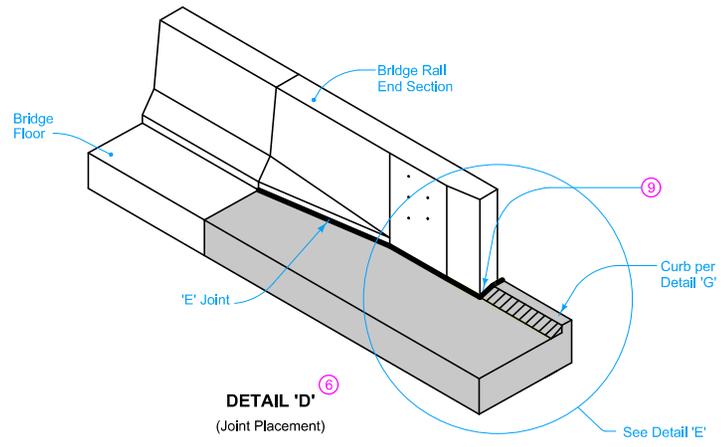
APPROVED BY DESIGN METHODS ENGINEER

Brian Smith

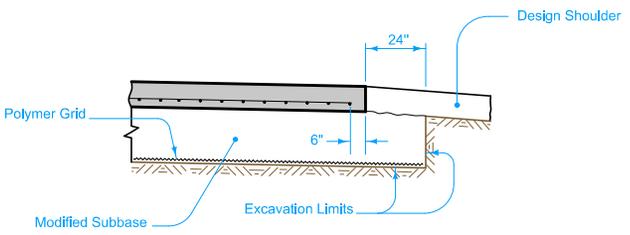
DOUBLE REINFORCED 12" APPROACH WITH VARIABLE DEPTH PAVING NOTCH



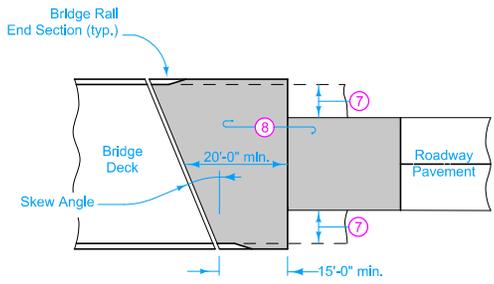
SECTION A-A



DETAIL 'D'
(Joint Placement)



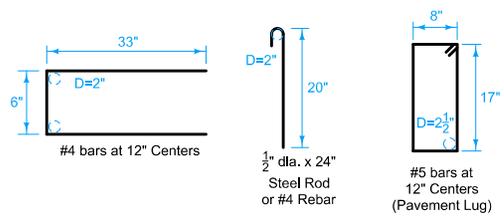
SECTION B-B



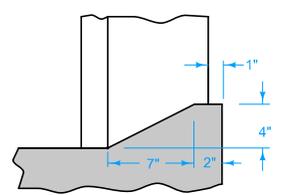
APPROACH PAVEMENT
LAYOUT AT A SKEW

- 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.

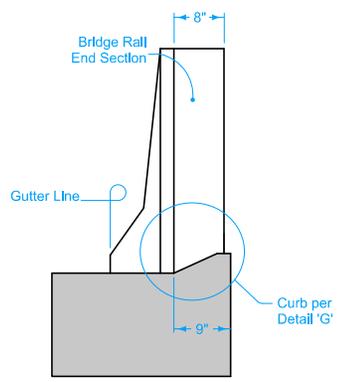
- Fixed Abutment Bridges: Type 'E' Joint.
- Moveable Abutment Bridges: Flexible Foam Expansion Joint Filler complying with Section 4136 of the Standard Specifications. Minimum filler width is the abutment 'CF' joint width. Joint length as required to completely fill from back side of curb to front face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



BENT BAR SHAPES



DETAIL 'G'



DETAIL 'E'
(Back of Curb Placement)

	REVISION	
	New	04-21-15
STANDARD ROAD PLAN	BR-204	
SHEET 4 of 4		
REVISIONS: New. Replaces RK-27.		
APPROVED BY DESIGN METHODS ENGINEER		

**DOUBLE REINFORCED 12" APPROACH
WITH VARIABLE DEPTH PAVING NOTCH**