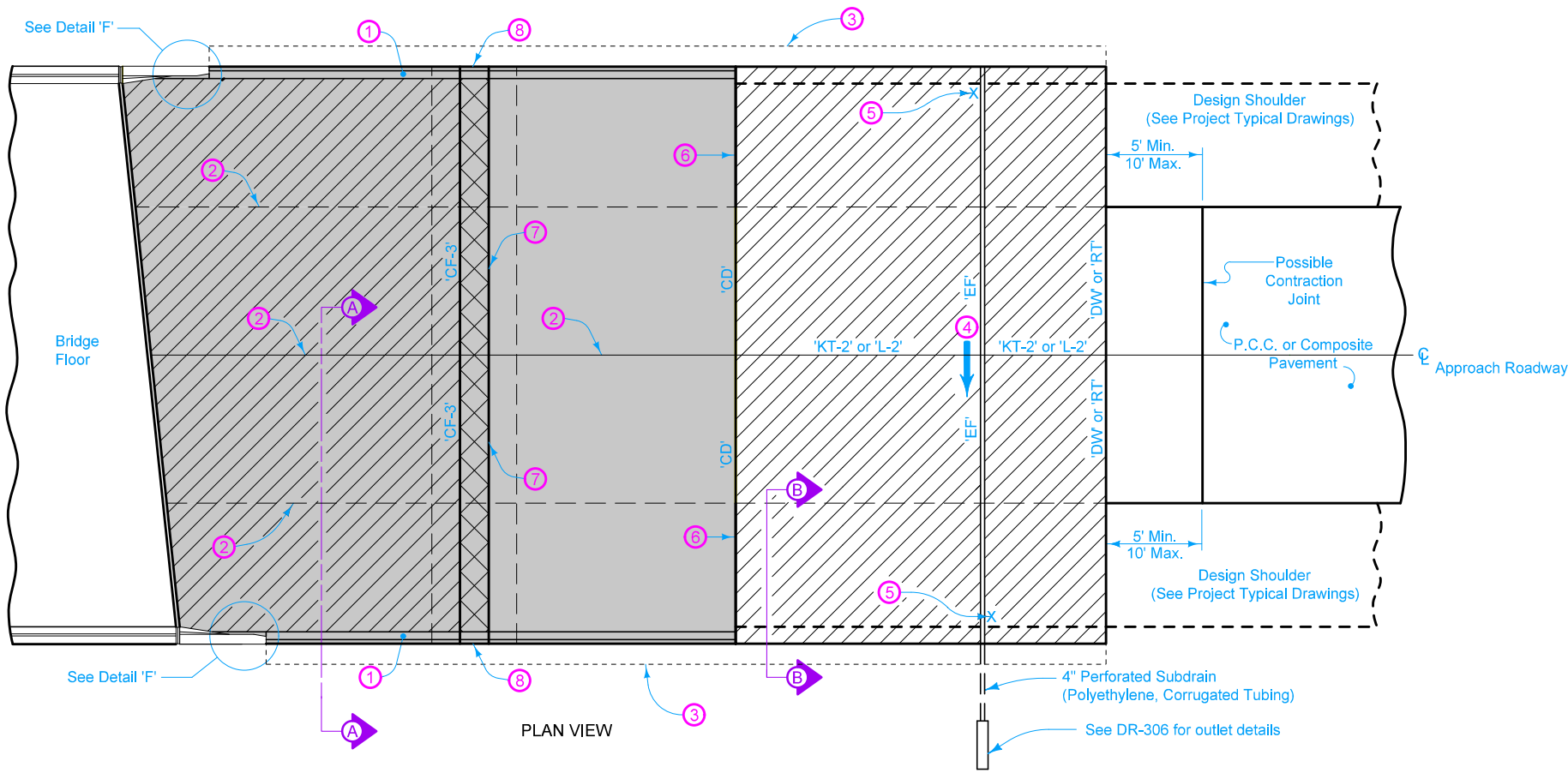


# DESIGNER INFO



For joint details, see PV-101.

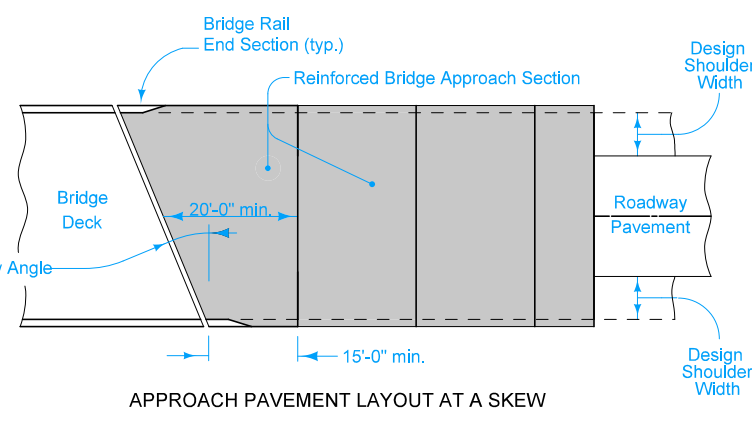
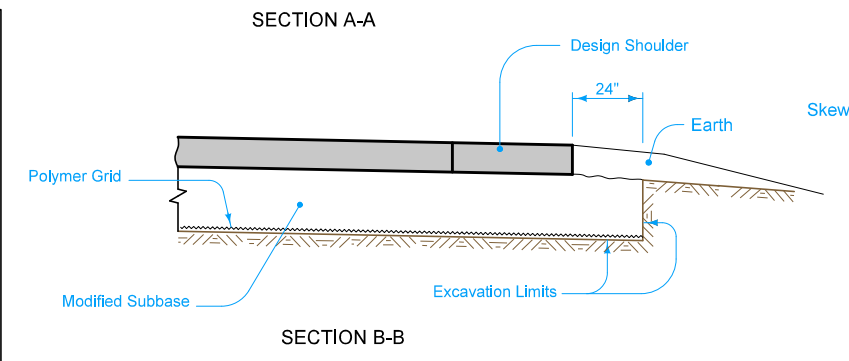
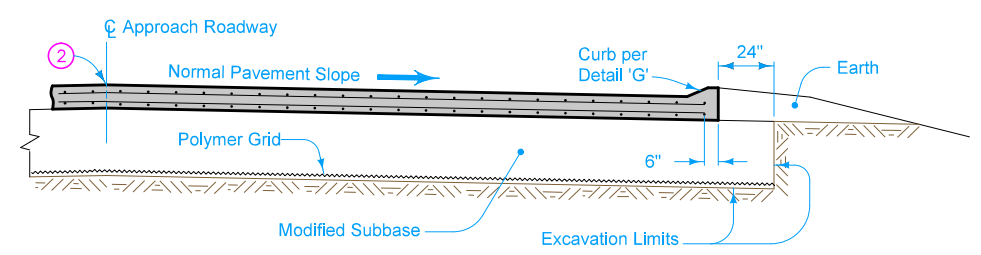
For curb details, see Detail 'G'.

All transverse bars are #5.

Use epoxy coated bars for all reinforcement.

Quantities for both the 1'-9" top part of the sleeper slab and the 6'-3" portion under the approach pavement have been included in the double reinforced section quantities.

- ① Build 4 inch Sloped Curb to end of Reinforced Sections.
- ② Longitudinal Joint (PV-101):  
Single Pour - Saw cut joint per Detail B.  
Two Pours - Use 'KS-1' joint (Single Reinforced Section).  
Use 'KS-2' joint (Double Reinforced Section).
- ③ Polymer Grid and excavation limits of Modified Subbase 2 feet outside of pavement edge.
- ④ Slope subdrain to drain.
- ⑤ Place an "X" in the plastic concrete near the 'EF' joint at the outside edge of pavement.
- ⑥ Place 'RD' Joint where PCC shoulder. Place 'B' joint otherwise.
- ⑦ 1/4 inch Preformed Joint Filler and seal top.
- ⑧ See Detail 'C'.
- ⑨ Design shoulder width.



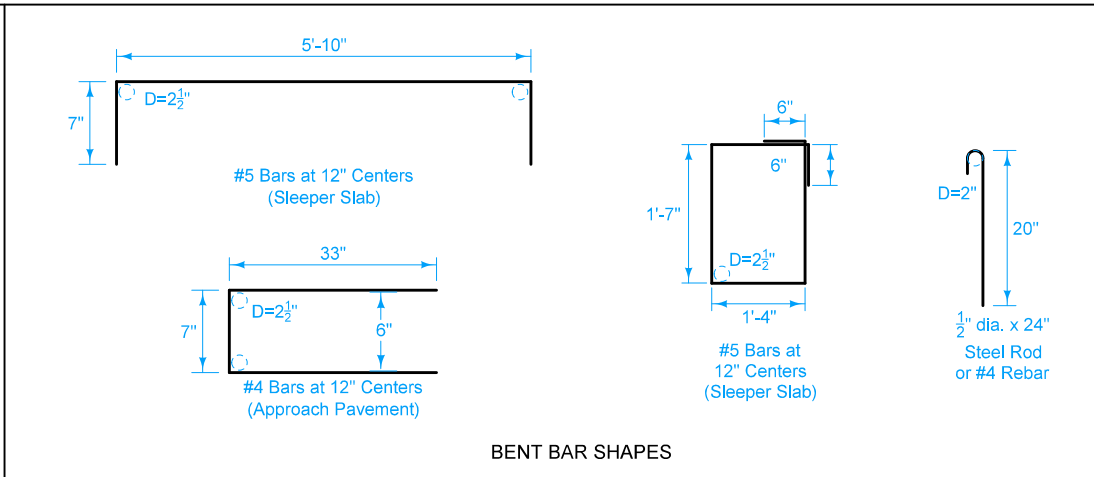
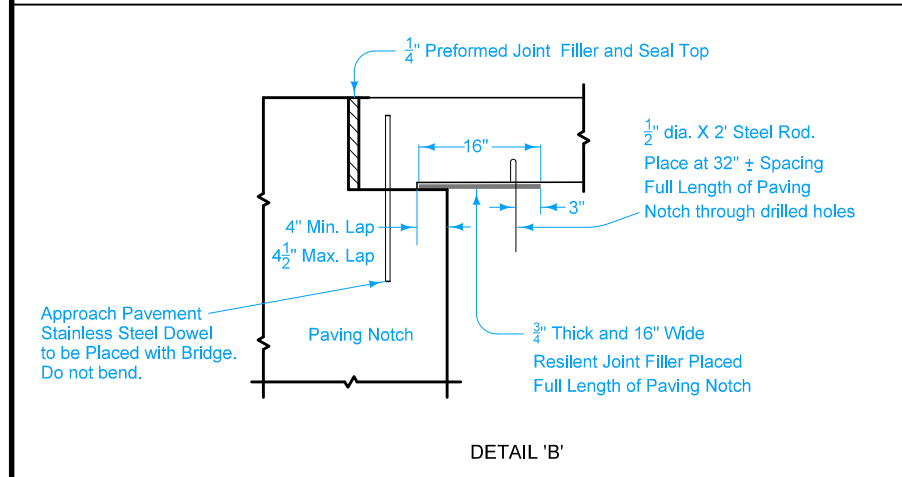
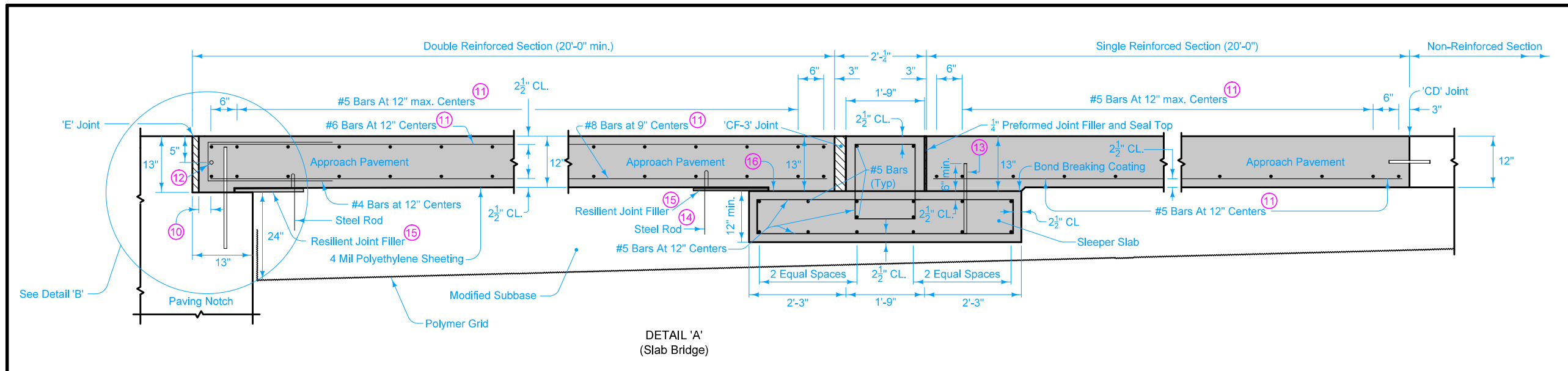
Pay limits for contract item include the following areas:

	Double Reinforced Section
	Sleeper Beam Section
	Single Reinforced Section
	Non-Reinforced Section

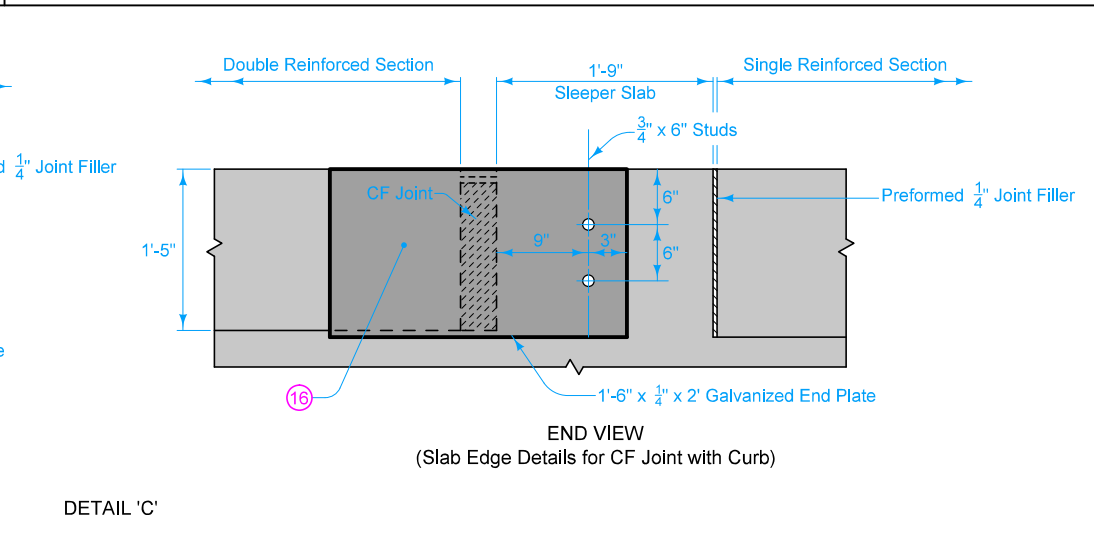
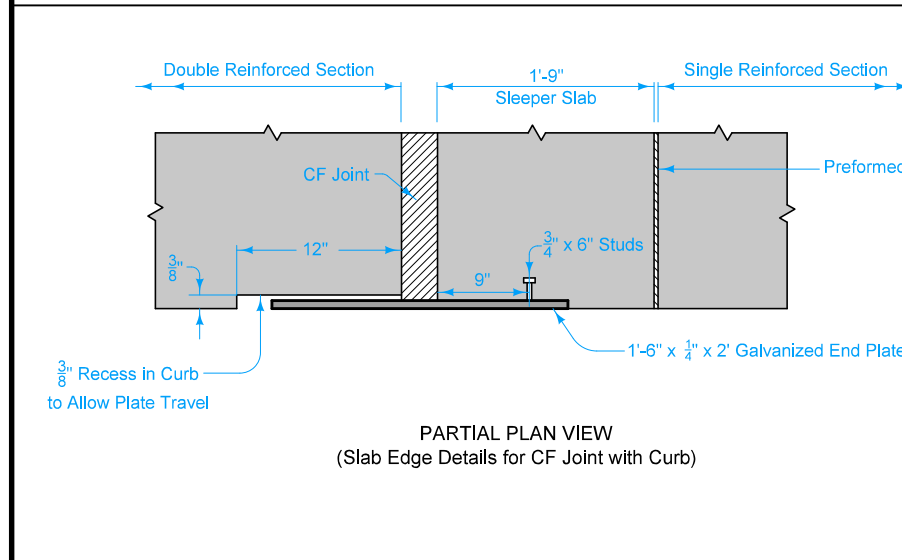
Possible Contract Item:  
Bridge Approach, BR-205

Possible Tabulation:  
112-6

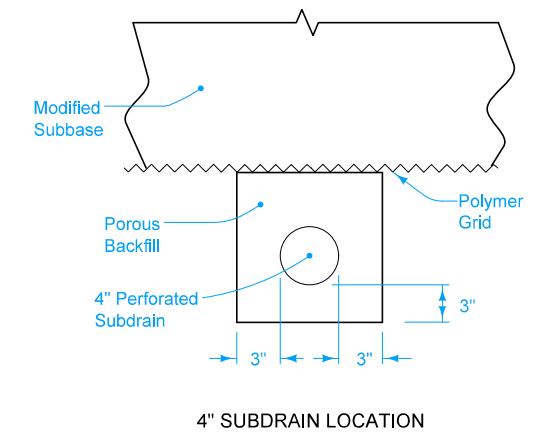
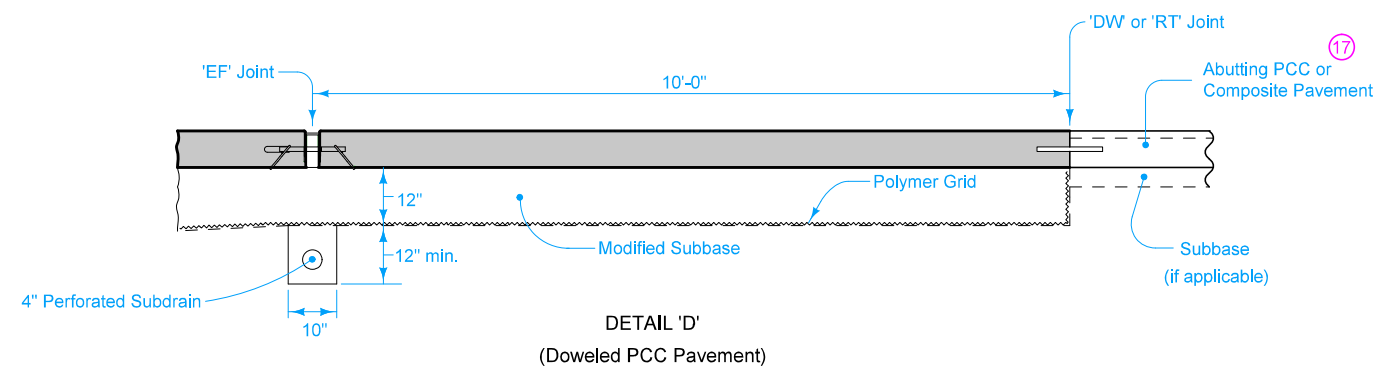
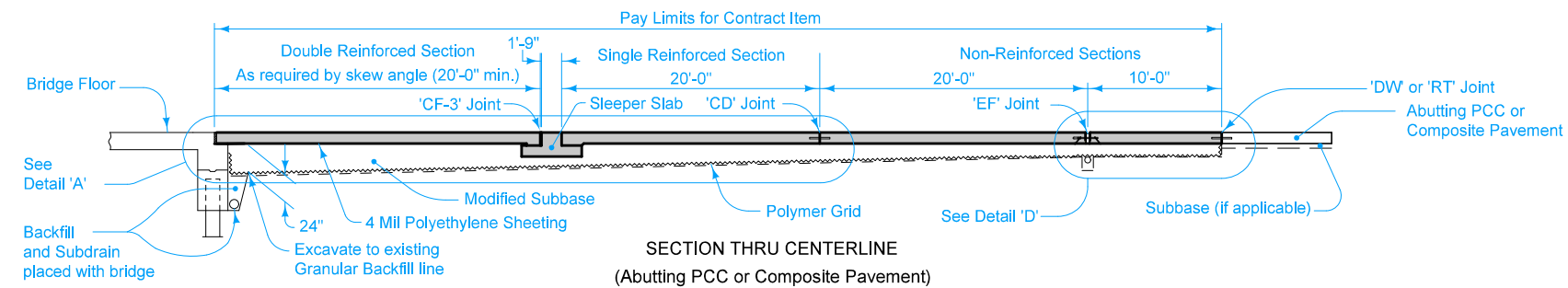
	REVISION
	7 10-19-21
STANDARD ROAD PLAN	BR-205
	SHEET 1 of 4
REVISIONS: Added shoulders to single and non-reinforced sections.	
APPROVED BY DESIGN METHODS ENGINEER	
<b>DOUBLE REINFORCED 12" APPROACH (SLAB BRIDGE)</b>	



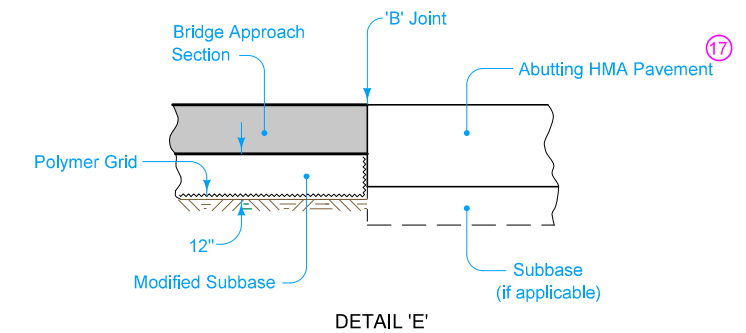
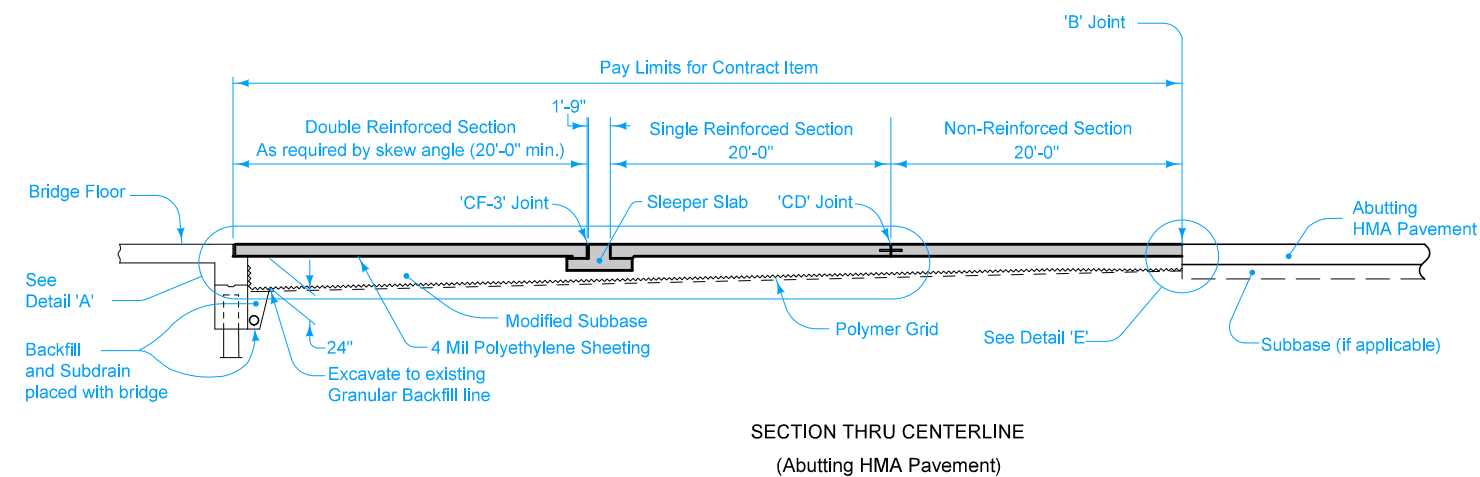
- ⑩ 2" min. to 2 1/2" max. clear to bent bar.
- ⑪ Minimum lap length: #5 Bars - 18"  
#6 Bars - 27"  
#8 Bars - 48"
- ⑫ If bridge is skewed, place additional #5 bar parallel to skewed face.
- ⑬ #8 dowels 1'-6" long with 2 1/2 inch bottom end clearance. Space at 24 inches O.C.
- ⑭ Space at 32" ± for full length of Sleeper Slab.
- ⑮ 3/4 inch thick x 16 inch wide Resilient Joint Filler for full length of Sleeper Slab.
- ⑯ Debond Paving Notch with 2 layers of 30# Asphaltic Felt Paper full length.



<b>IOWA DOT</b>	REVISION	
	7	10-19-21
<b>STANDARD ROAD PLAN</b>		<b>BR-205</b>
		SHEET 2 of 4
REVISIONS: Added shoulders to single and non-reinforced sections.		
 APPROVED BY DESIGN METHODS ENGINEER		
<b>DOUBLE REINFORCED 12" APPROACH (SLAB BRIDGE)</b>		



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

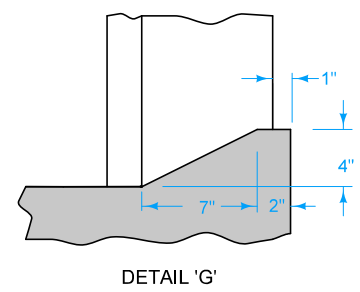
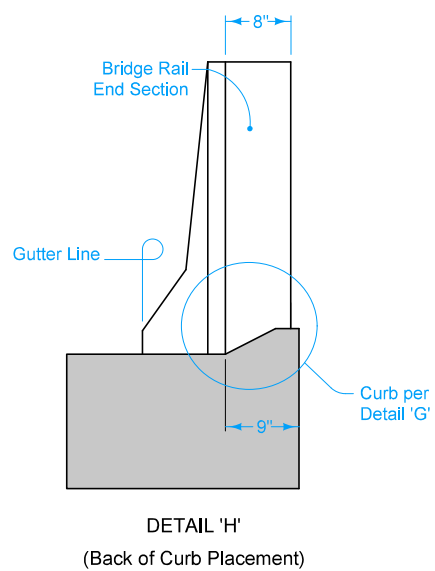
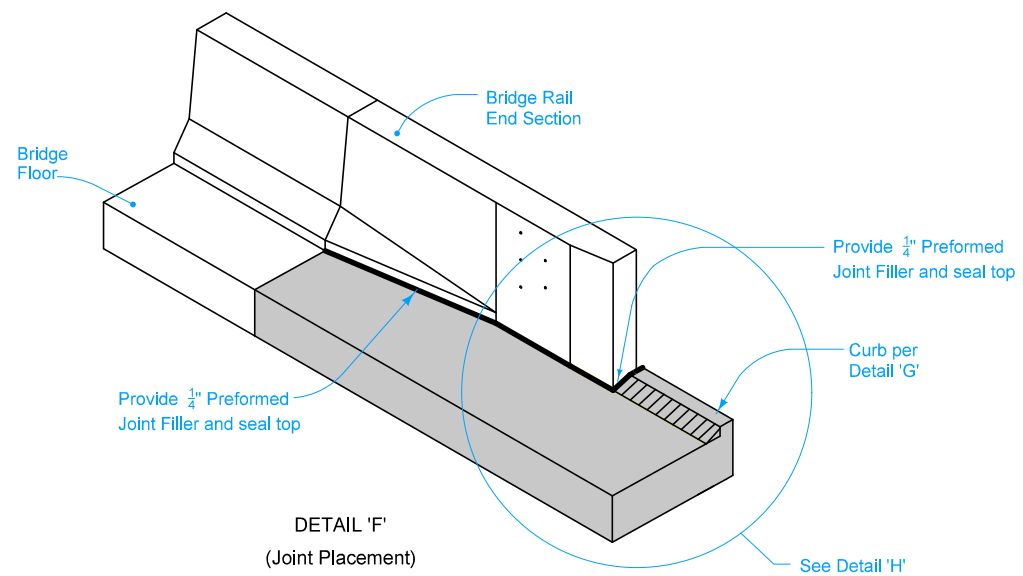


	REVISION
	7 10-19-21
STANDARD ROAD PLAN	BR-205
	SHEET 3 of 4

REVISIONS: Added shoulders to single and non-reinforced sections.

APPROVED BY DESIGN METHODS ENGINEER

DOUBLE REINFORCED 12" APPROACH  
(SLAB BRIDGE)



	REVISION	
	7	10-19-21
STANDARD ROAD PLAN	BR-205	
SHEET 4 of 4		
REVISIONS: Added shoulders to single and non-reinforced sections.		
 APPROVED BY DESIGN METHODS ENGINEER		
<b>DOUBLE REINFORCED 12" APPROACH (SLAB BRIDGE)</b>		