

For joint details, see **PV-101**.

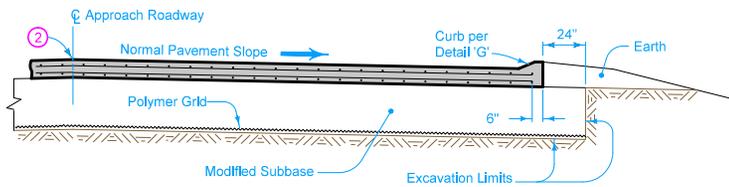
For curb details, see Detail 'G'.

All transverse bars are #5.

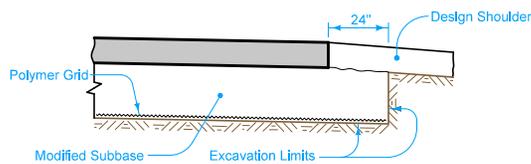
Use epoxy coated bars for all reinforcement.

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.

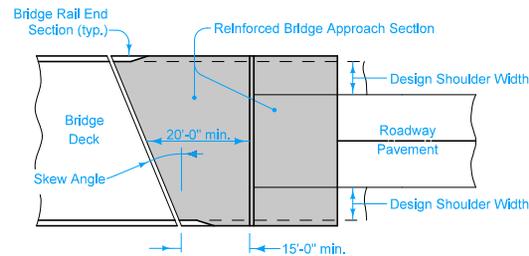
- ① Build 4 inch Sloped Curb to end of Reinforced Sections.
- ② Longitudinal Joint (**PV-101**):
Single Pour - Saw cut joint per Detail B.
Two Pours - Use 'KS-1' joint (Single Reinforced Section).
Use 'KS-2' joint (Double Reinforced Section).
- ③ Extend 'CD' and 'EF' joints where PCC Shoulder.
- ④ Polymer Grid and excavation limits of Modified Subbase 2 feet outside of pavement edge.
- ⑤ Slope subdrain to drain.
- ⑥ Place an "X" in the plastic concrete near the 'EF' joint at the outside edge of pavement.
- ⑦ Place 'RD' Joint where PCC shoulder. Place 'B' joint otherwise.
- ⑧ ¼ inch Preformed Joint Filler and seal top.
- ⑨ See Detail 'C'.



SECTION A-A



SECTION B-B



APPROACH PAVEMENT LAYOUT AT A SKEW

Pay limits for contract item include the following areas:

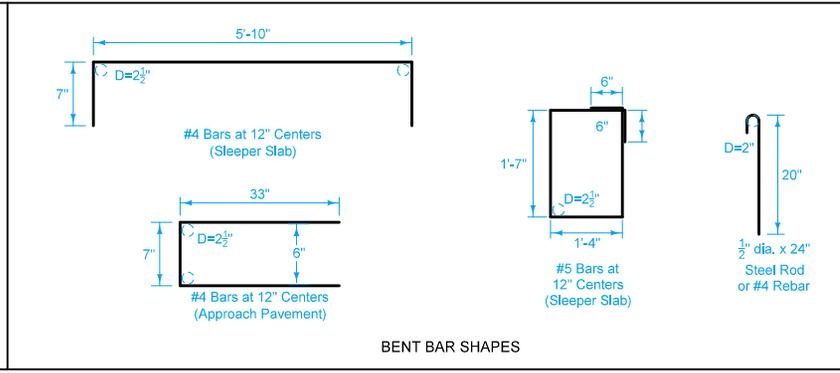
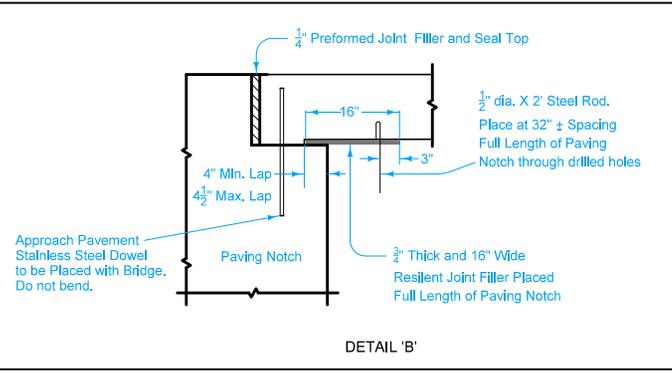
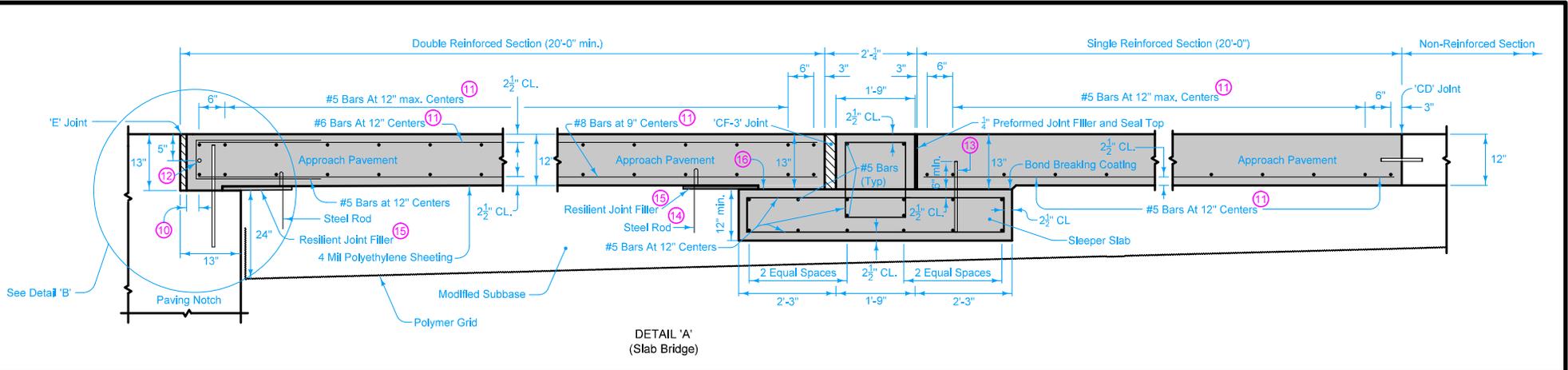
- Double Reinforced Section
- Sleeper Beam Section
- Single Reinforced Section
- Non-Reinforced Section

Possible Contract Item:
Bridge Approach, BR-205

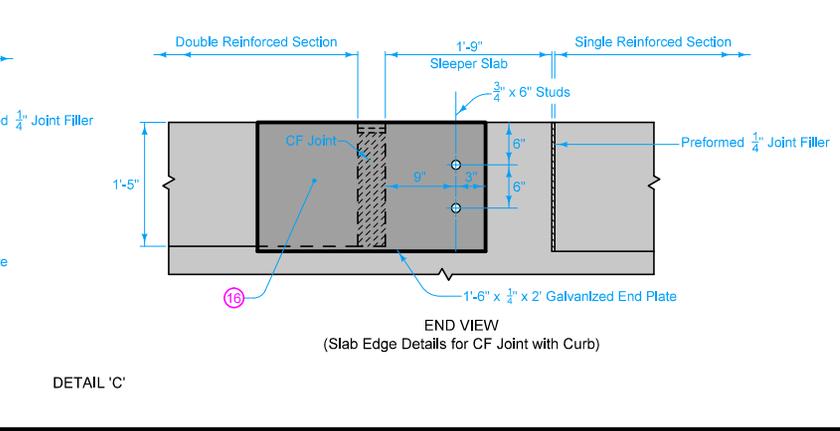
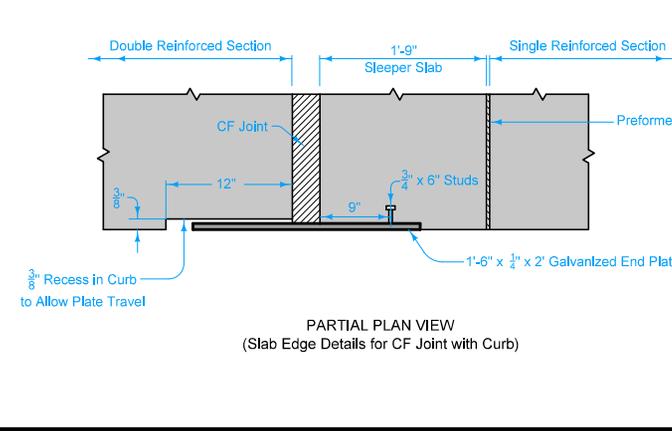
Possible Tabulation:
112-6

IOWA DOT	REVISION
	4 04-16-19
STANDARD ROAD PLAN	BR-205
REVISIONS: Modified END VIEW in DETAIL 'C' on Sheet 2.	
APPROVED BY DESIGN METHODS ENGINEER	
SHEET 1 of 4	

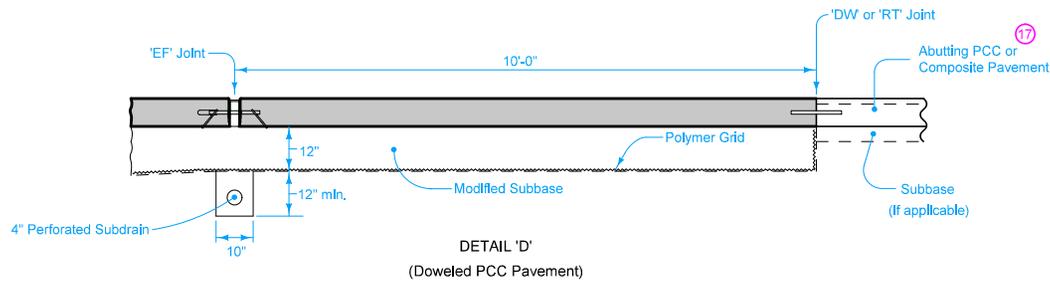
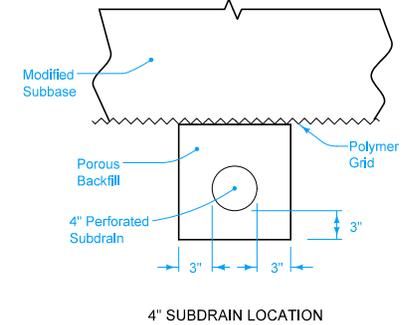
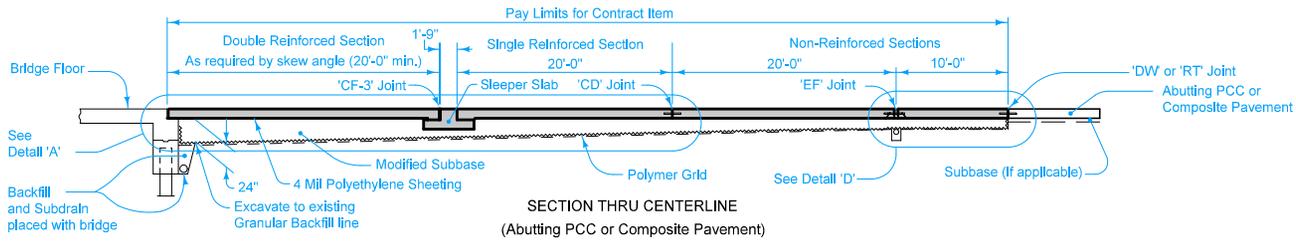
DOUBLE REINFORCED 12" APPROACH (SLAB BRIDGE)



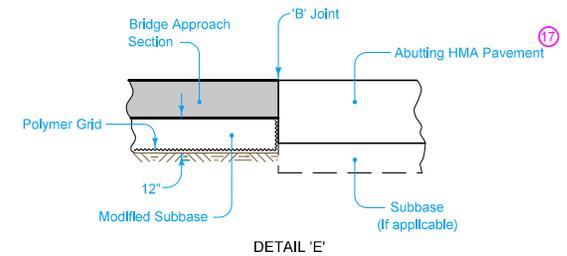
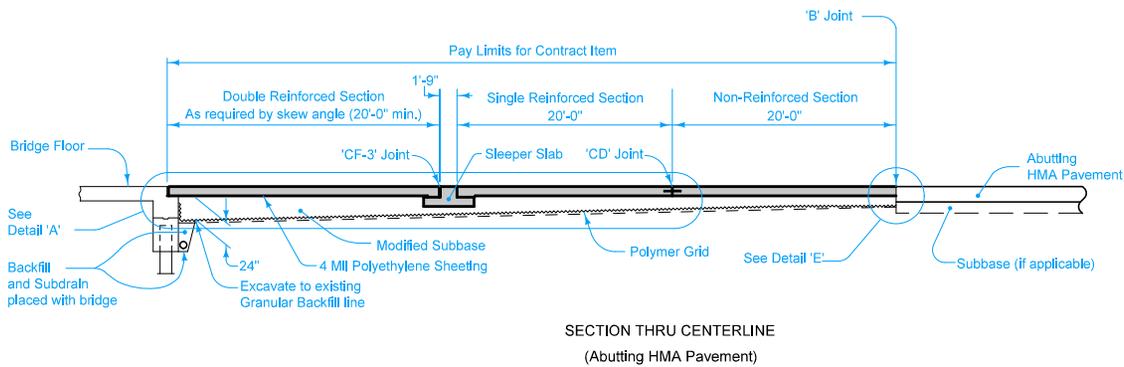
- ⑩ 2" min. to 2 1/2" max. clear to bent bar.
- ⑪ Minimum lap length: #5 Bars - 18"
#6 Bars - 27"
#8 Bars - 48"
- ⑫ If bridge is skewed, place additional #5 bar parallel to skewed face.
- ⑬ #8 dowels 1'-6" long with 2 1/2 inch bottom end clearance. Space at 24 inches O.C.
- ⑭ Space at 32" ± for full 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.



 STANDARD ROAD PLAN	REVISION 4 04-16-19
	BR-205
	SHEET 2 of 4
REVISIONS: Modified END VIEW in DETAIL 'C' on Sheet 2.	
 APPROVED BY DESIGN METHODS ENGINEER	
DOUBLE REINFORCED 12" APPROACH (SLAB BRIDGE)	



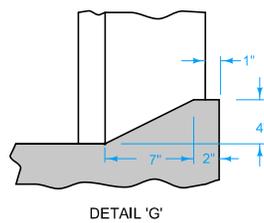
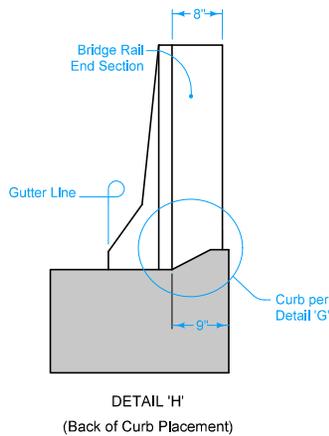
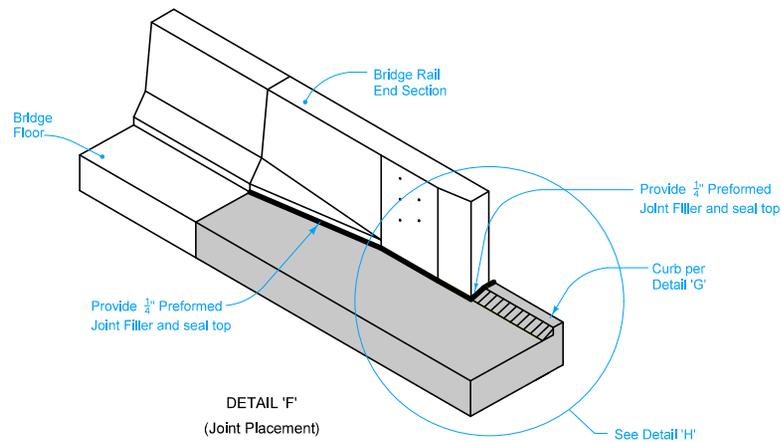
17 If abutting pavement (PCC or HMA) is not in place, refer to BR-213.



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REVISIONS: Modified END VIEW in DETAIL 'C' on Sheet 2.	SHEET 3 of 4

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DOUBLE REINFORCED 12" APPROACH
(SLAB BRIDGE)



	REVISION	
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STANDARD ROAD PLAN	BR-205	
SHEET 4 of 4		
REVISIONS: Modified END VIEW in DETAIL 'C' on Sheet 2.		
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DOUBLE REINFORCED 12" APPROACH (SLAB BRIDGE)		