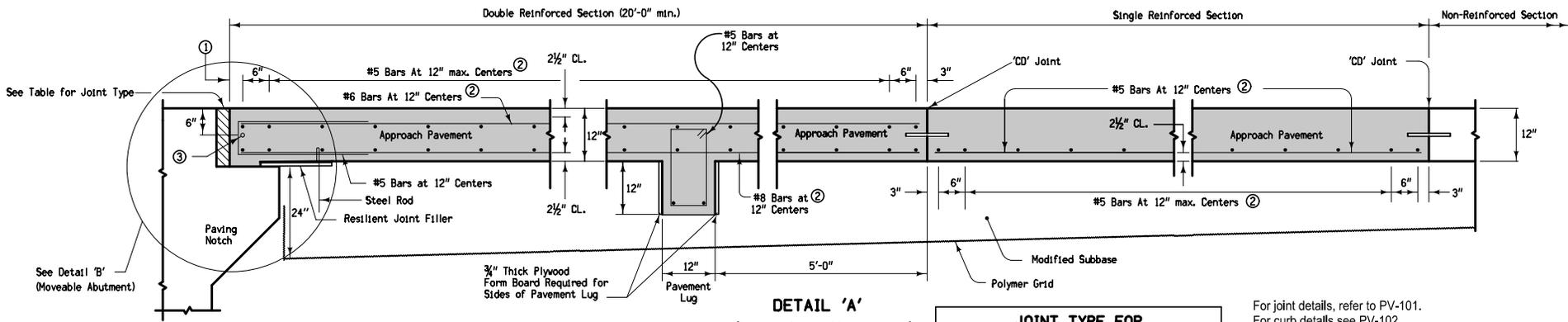


DETAIL 'A'
(Fixed Abutment)



DETAIL 'A'
(Moveable Abutment)

JOINT TYPE FOR MOVEABLE ABUTMENT BRIDGES

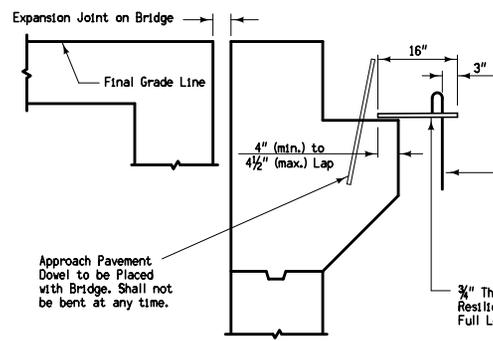
Joint	Maximum Bridge Length	
	Concrete Beam or Slab	Steel Girder
CF-1	370'	250'
CF-2	465'	320'
CF-3	575'	400'

For joint details, refer to PV-101.
For curb details see PV-102

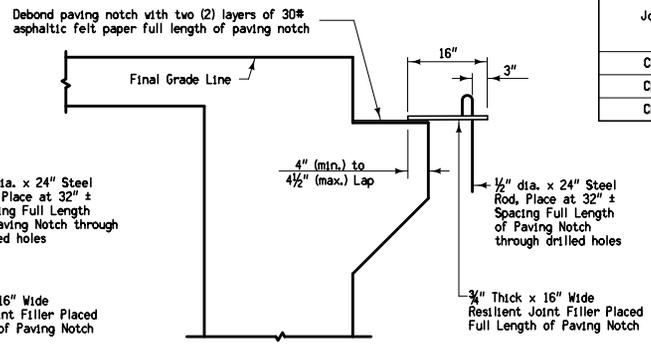
All transverse bars are #5.

Possible Contract Item:
Bridge Approach, RK-20

Possible Tabulation: 112-6



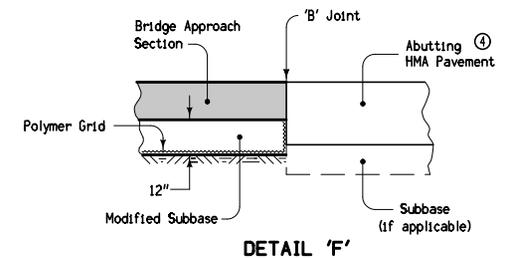
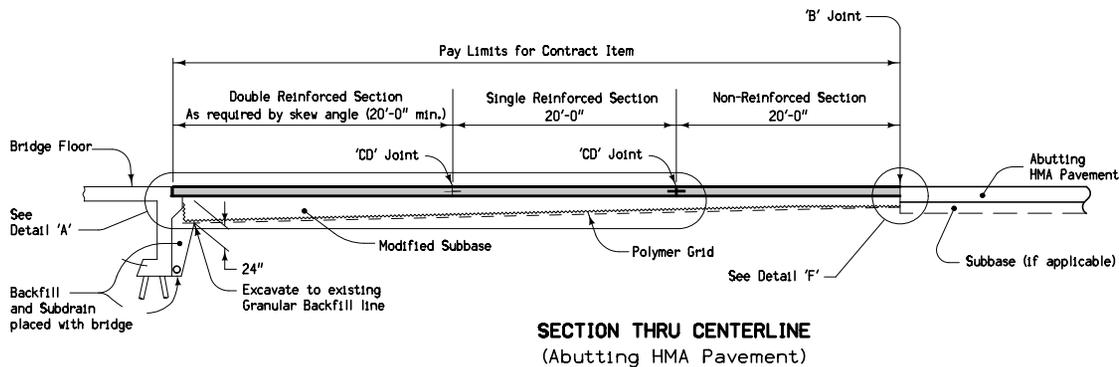
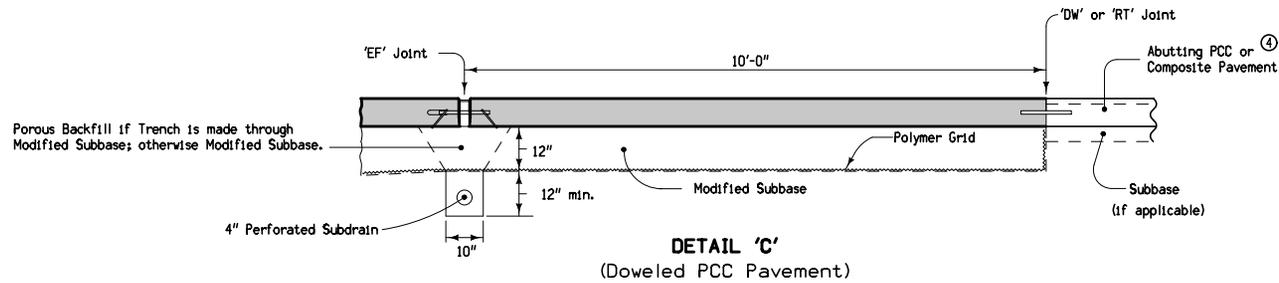
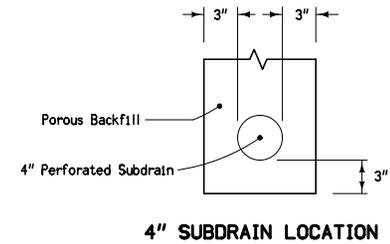
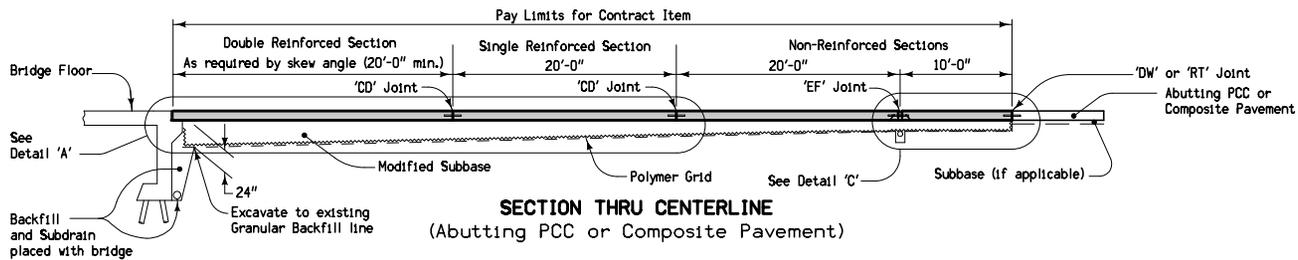
DETAIL 'B' (Fixed Abutment)



DETAIL 'B' (Moveable Abutment)

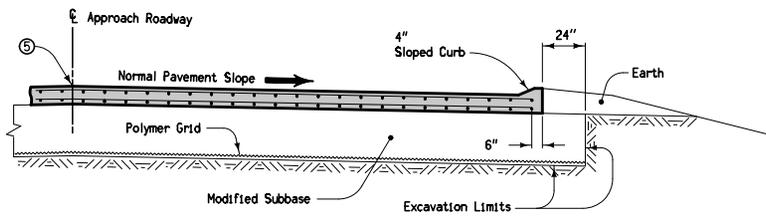
- ① 2" min. to 2 1/2" max. clear to bent bar.
- ② Minimum lap length: #5 Bars - 18"
#6 Bars - 27"
#8 Bars - 48"
- ③ If bridge is skewed, place additional #5 bar parallel to skewed face.

<p>Iowa Department of Transportation</p> <p>STANDARD ROAD PLAN</p> <p>REVISIONS: Updated references to renamed standards.</p> <p style="text-align: right;"><i>Deanna Macfild</i> APPROVED BY DESIGN METHODS ENGINEER</p>	REVISION 7 04-19-11
	RK-20
	SHEET 1 of 3
DOUBLE REINFORCED 12" APPROACH	

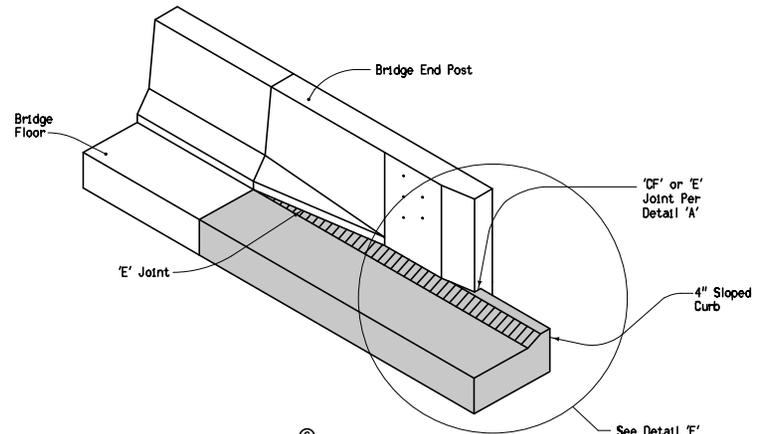


④ If abutting pavement (PCC or HMA) is not in place, refer to RK-30.

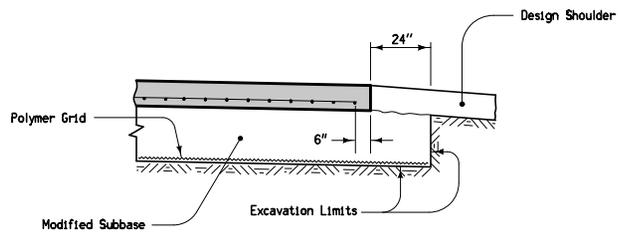
 Iowa Department of Transportation	REVISION	
	7	04-19-11
STANDARD ROAD PLAN	RK-20	
REVISIONS: Updated references to renamed standards.	SHEET 2 of 3	
<i>Deanna Macfild</i> APPROVED BY DESIGN METHODS ENGINEER		
DOUBLE REINFORCED 12" APPROACH		



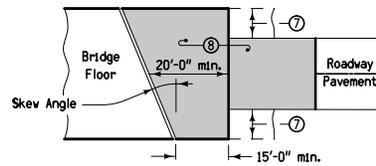
SECTION A-A ⑥



DETAIL 'D' ⑥
(Joint Placement)

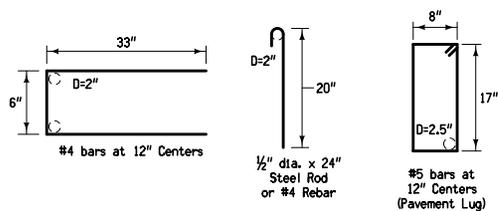


SECTION B-B ⑥

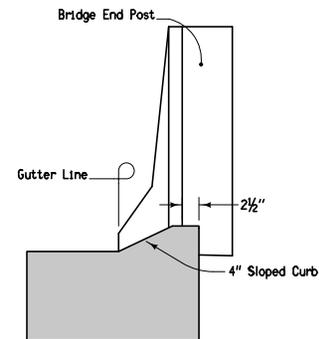


APPROACH PAVEMENT
LAYOUT AT A SKEW

- ⑤ Longitudinal Joint: (PV-101)
Single pour — Saw cut joint per Detail B.
Two pours — Use 'KS-2' Joint
- ⑥ Refer to RK-21, RK-22, or RK-23.
- ⑦ Design shoulder width.
- ⑧ Reinforced bridge approach section.



BENT BAR SHAPES



DETAIL 'E'
(Back of Curb Placement)

 Iowa Department of Transportation	REVISION	
	7	04-19-11
STANDARD ROAD PLAN	RK-20	
	SHEET 3 of 3	

REVISIONS: Updated references to renamed standards.

Deanna Macfild
APPROVED BY DESIGN METHODS ENGINEER

DOUBLE REINFORCED 12" APPROACH