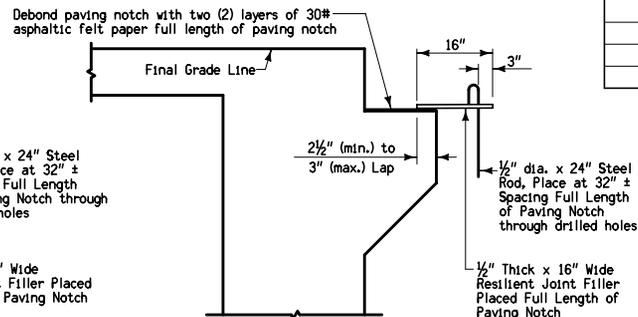


DETAIL 'B' (Fixed Abutment)



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'

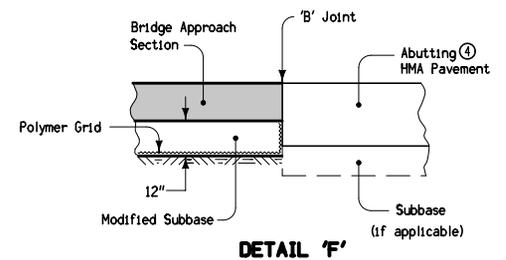
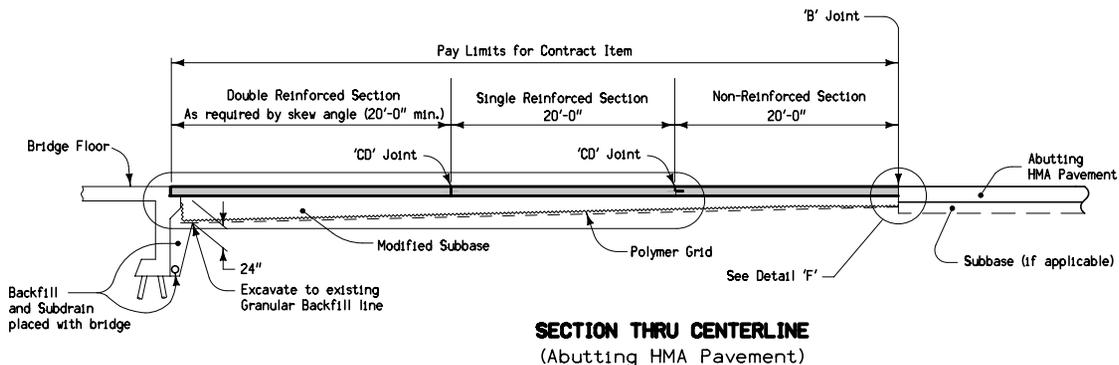
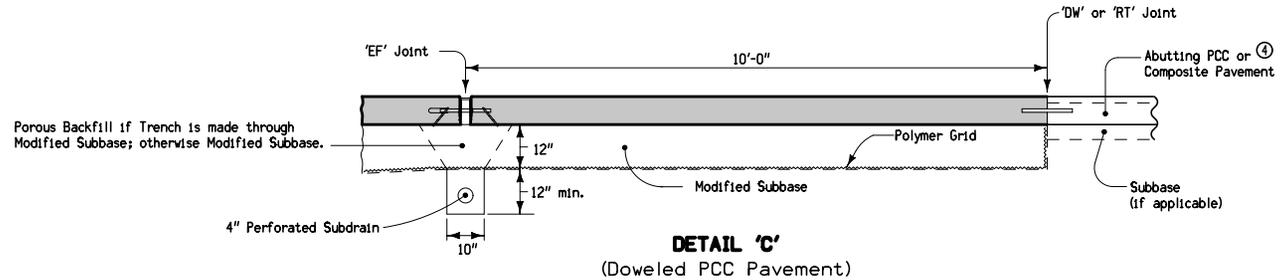
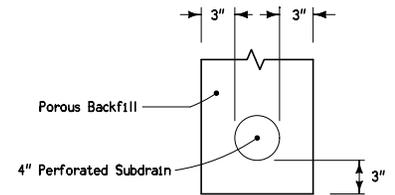
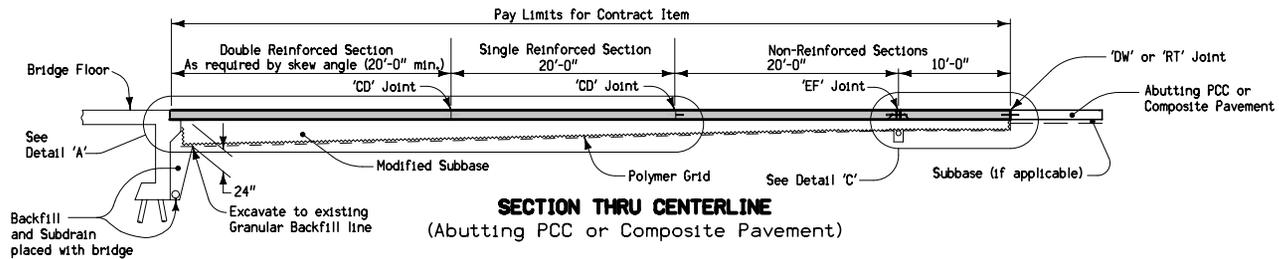
For joint details, refer to RH-50, RH-51, and RH-52.
All transverse bars are #5.

Possible Contract Items:
Bridge Approach, RK-25

Possible Tabulation:
112-6

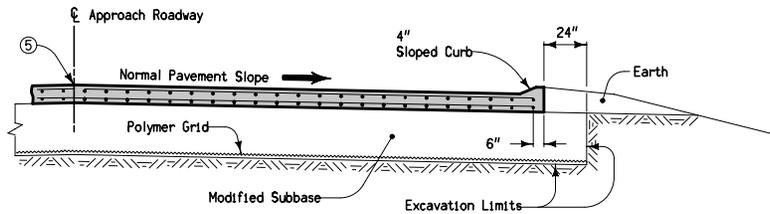
- ① 2" min. to 2 1/2" max. clear to bent bar.
- ② Minimum lap length: #5 Bars - 18"
#6 Bars - 27"
#8 Bars - 48"
- ③ If bridge is skewed, place additional #5 bar parallel to skewed face.

 Iowa Department of Transportation STANDARD ROAD PLAN	REVISION 4 10-20-09
	RK-25
	SHEET 1 of 3
<small>REVISIONS: Changed bent bar shape requirement on sheet 3.</small> <i>Deanna McFalls</i> <small>APPROVED BY DESIGN METHODS ENGINEER</small>	
DOUBLE REINFORCED 10" APPROACH	

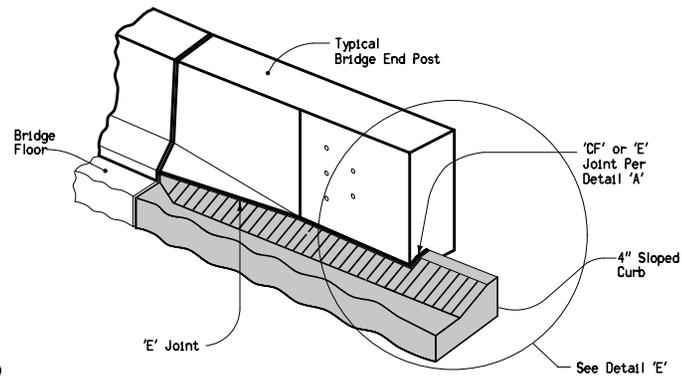


④ If abutting pavement (PCC or HMA) is not in place, refer to RK-30.

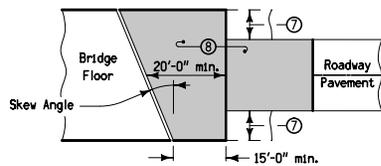
<p>Iowa Department of Transportation</p> <p>STANDARD ROAD PLAN</p> <p>REVISIONS: Changed bent bar shape requirement on sheet 3.</p> <p><i>Deanna Mifflin</i> APPROVED BY DESIGN METHODS ENGINEER</p> <p>DOUBLE REINFORCED 10" APPROACH</p>	<p>REVISION</p> <p>4 10-20-09</p>
	<p>RK-25</p> <p>SHEET 2 of 3</p>



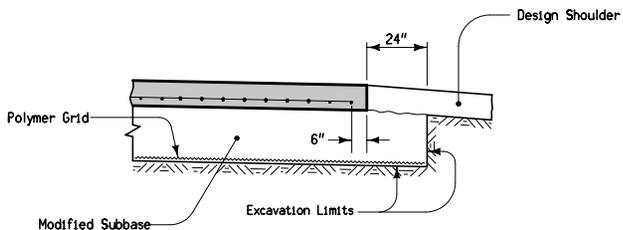
SECTION A-A ⑥



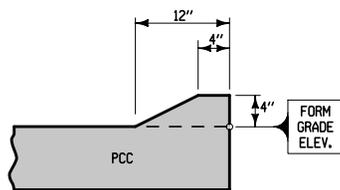
DETAIL 'D' ⑥
(Joint Placement)



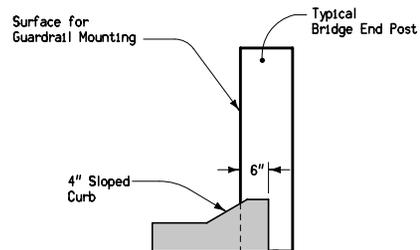
APPROACH PAVEMENT LAYOUT AT A SKEW



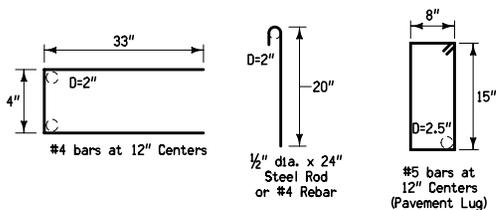
SECTION B-B ⑥



4" SLOPED CURB



DETAIL 'E'
(Back of Curb Placement)



BENT BAR SHAPES

- ⑤ Longitudinal Joint: (RH-51)
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.

 Iowa Department of Transportation STANDARD ROAD PLAN	REVISION
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REVISIONS: Changed bent bar shape requirement on sheet 3.

Deanna Maifeld
APPROVED BY DESIGN METHODS ENGINEER

DOUBLE REINFORCED 10" APPROACH