

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-1.
 All transverse bars are #5.
 Possible Contract Item:
 Bridge Approach, RK-20
 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

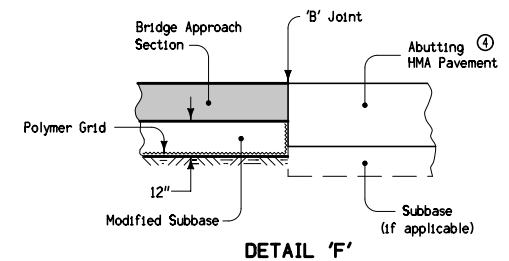
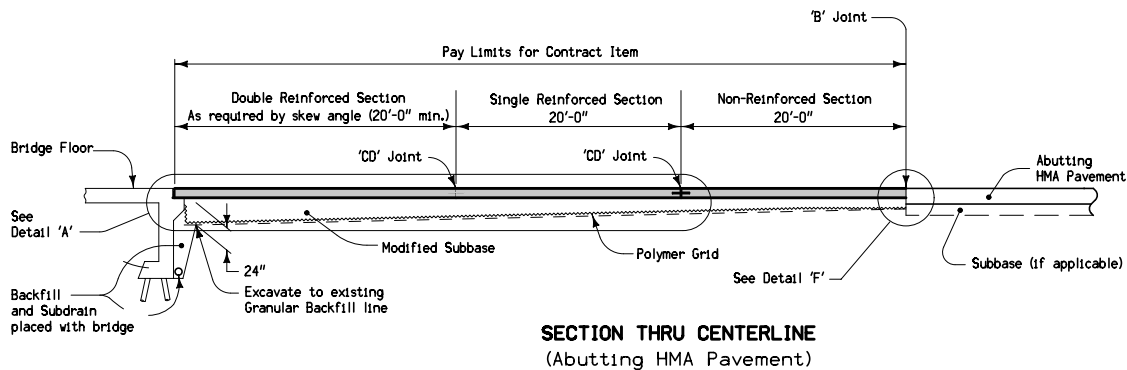
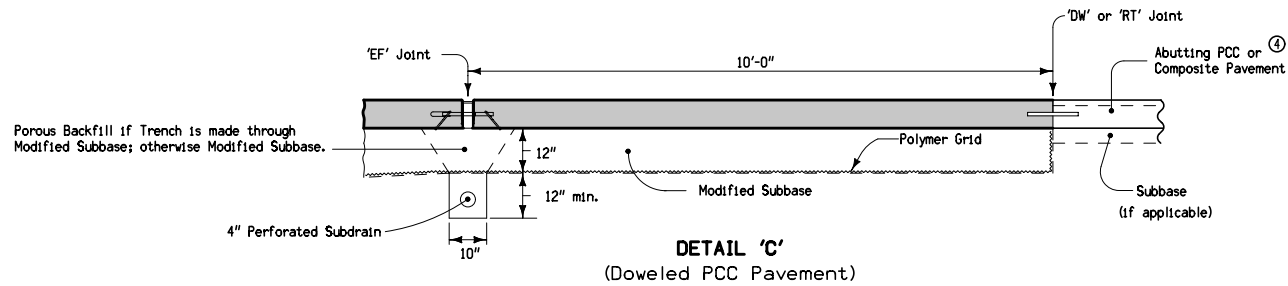
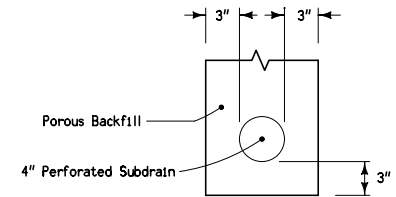
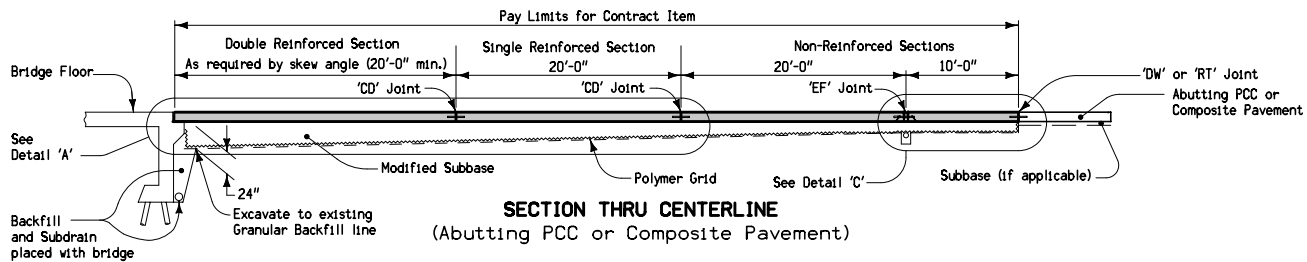
STANDARD ROAD PLAN

REVISIONS: Updated references to renamed standards.

Deanna McFalls
 APPROVED BY DESIGN METHODS ENGINEER

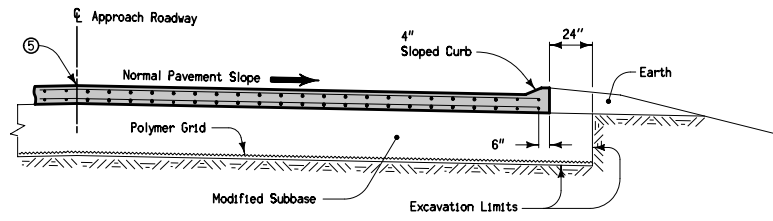
DOUBLE REINFORCED 12" APPROACH

REVISION	5	04-20-10
RK-20		
SHEET 1 of 3		

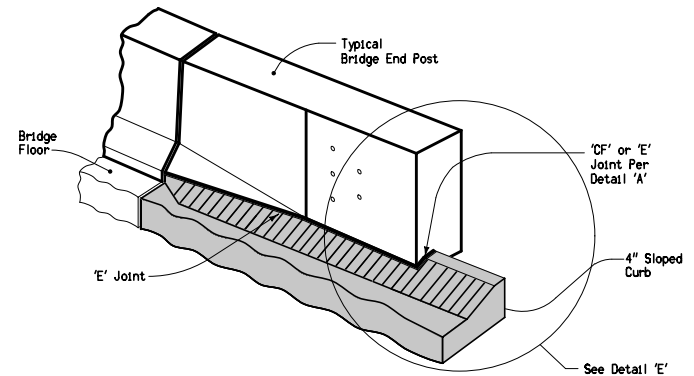


④ If abutting pavement (PCC or HMA) is not in place, refer to RK-30.

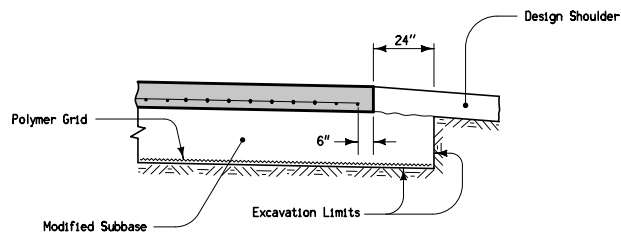
<p>Iowa Department of Transportation</p> <p>STANDARD ROAD PLAN</p> <p>REVISIONS: Updated references to renamed standards.</p> <p><i>Deanna McFalls</i> APPROVED BY DESIGN METHODS ENGINEER</p> <p>DOUBLE REINFORCED 12" APPROACH</p>	<p>REVISION</p> <p>5 04-20-10</p>
	<p>RK-20</p> <p>SHEET 2 of 3</p>



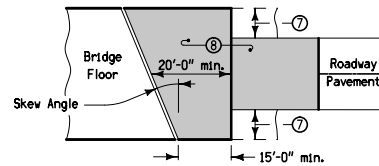
SECTION A-A ⑥



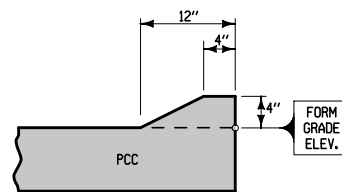
DETAIL 'D' ⑥
(Joint Placement)



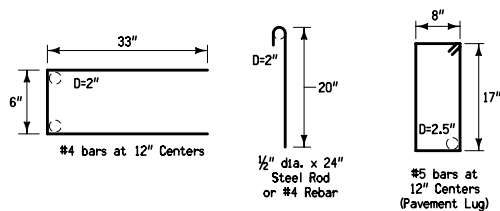
SECTION B-B ⑥



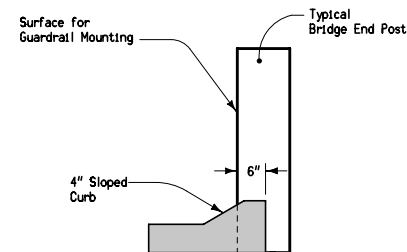
APPROACH PAVEMENT
LAYOUT AT A SKEW



4" SLOPED CURB



BENT BAR SHAPES



DETAIL 'E'
(Back of Curb Placement)

- ⑤ Longitudinal Joint: (PV-1)
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	REVISION	
	5	04-20-10
STANDARD ROAD PLAN		RK-20
		SHEET 3 of 3

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DOUBLE REINFORCED 12" APPROACH