

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.
For curb details see PV-2

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: Changed curb gutter line to match barrier gutter line. Referenced PV-2 for 4" curb detail.

Deanna McFalls
APPROVED BY DESIGN METHODS ENGINEER

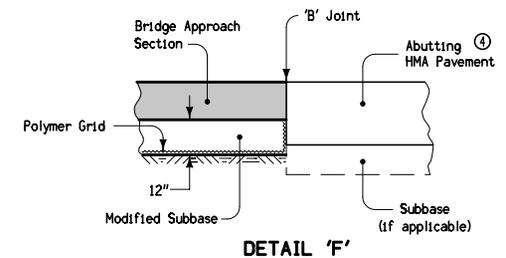
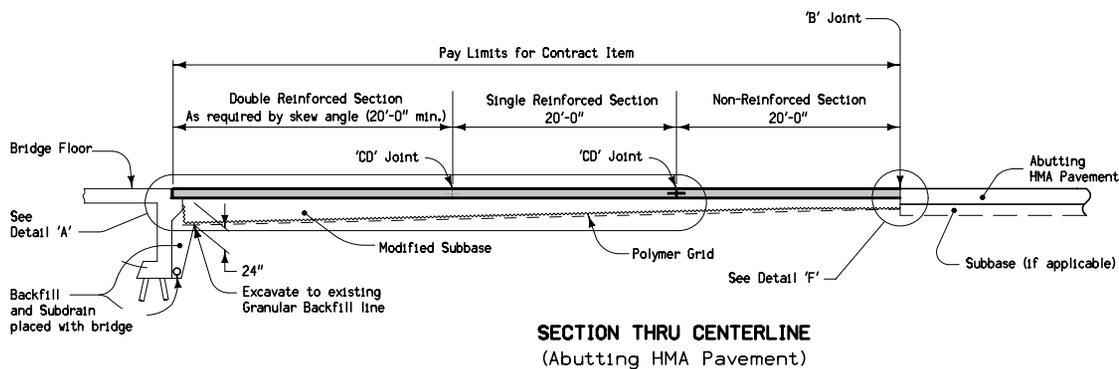
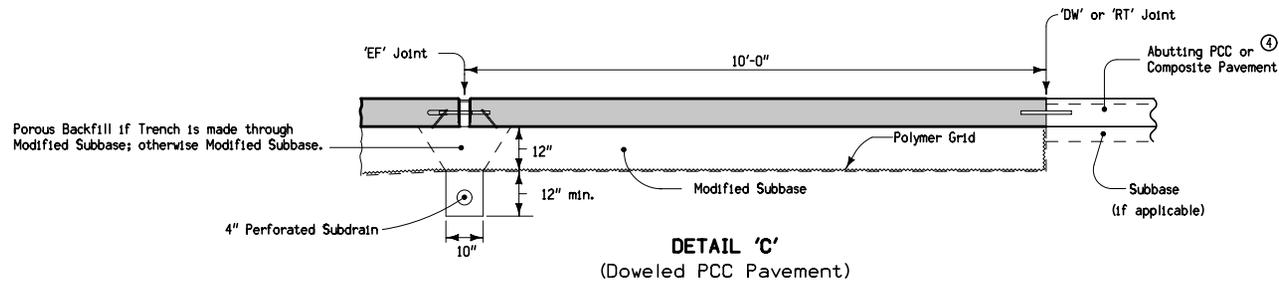
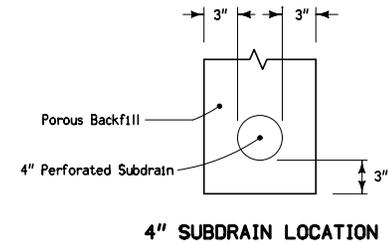
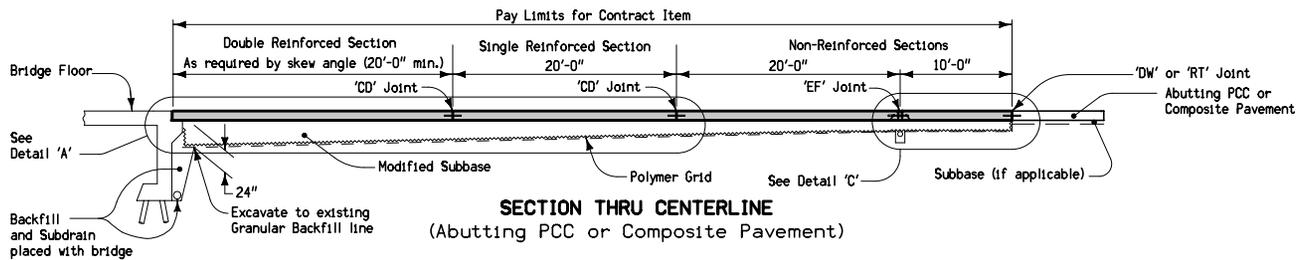
DOUBLE REINFORCED 12" APPROACH

REVISION

6	10-19-10
---	----------

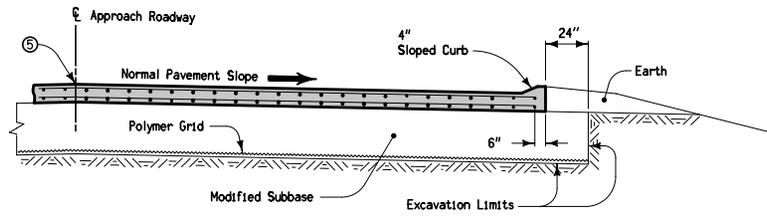
RK-20

SHEET 1 of 3

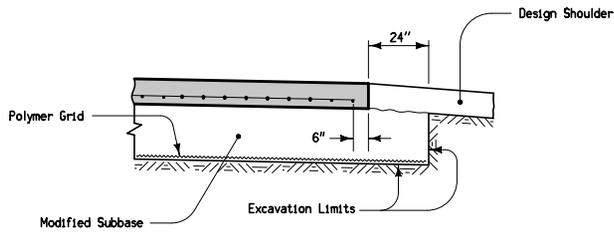


<p>Iowa Department of Transportation</p> <p>STANDARD ROAD PLAN</p> <p>REVISIONS: Changed curb gutter line to match barrier gutter line. Referenced PV-2 for 4" curb detail.</p> <p><i>Deanna McFalls</i> APPROVED BY DESIGN METHODS ENGINEER</p>	<p>REVISION</p> <p>6 10-19-10</p>
	<p>RK-20</p> <p>SHEET 2 of 3</p>
	<p>DOUBLE REINFORCED 12" APPROACH</p>

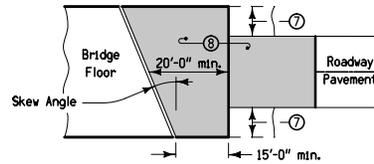
④ If abutting pavement (PCC or HMA) is not in place, refer to RK-30.



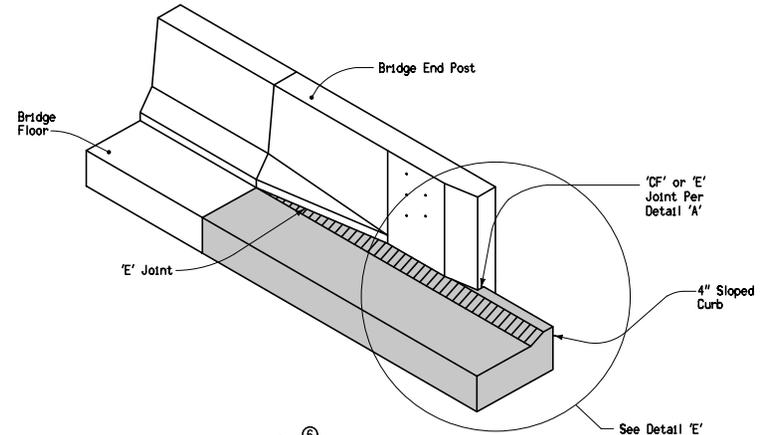
SECTION A-A ⑤



SECTION B-B ⑥

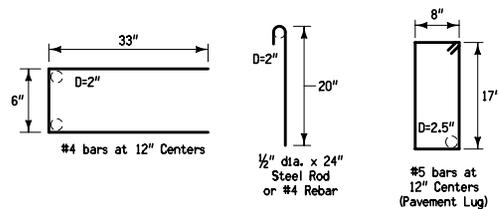


APPROACH PAVEMENT LAYOUT AT A SKEW

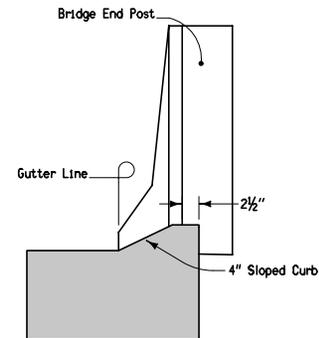


DETAIL 'D' ⑥
(Joint Placement)

- 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.



BENT BAR SHAPES



DETAIL 'E'
(Back of Curb Placement)

 Iowa Department of Transportation	REVISION	
	6	10-19-10
STANDARD ROAD PLAN	RK-20	
	SHEET 3 of 3	

REVISIONS: Changed curb gutter line to match barrier gutter line. Referenced PV-2 for 4" curb detail.

Deanna Mifflin
APPROVED BY DESIGN METHODS ENGINEER

DOUBLE REINFORCED 12" APPROACH