

JOINT TYPE FOR MOVEABLE ABUTMENT BRIDGES

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

For joint details, see Standard Road Plans RH-50, RH-51, and RH-52.

Contract Item:
Bridge Approach, RK-20
Tabulation: 112-6

Iowa Department of Transportation

STANDARD ROAD PLAN

REVISION: NEW 10-17-06

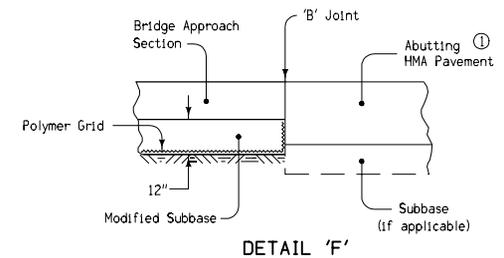
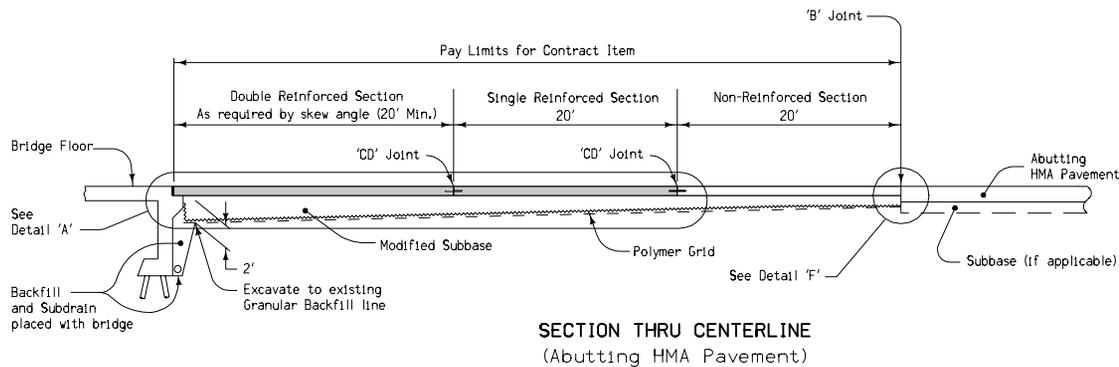
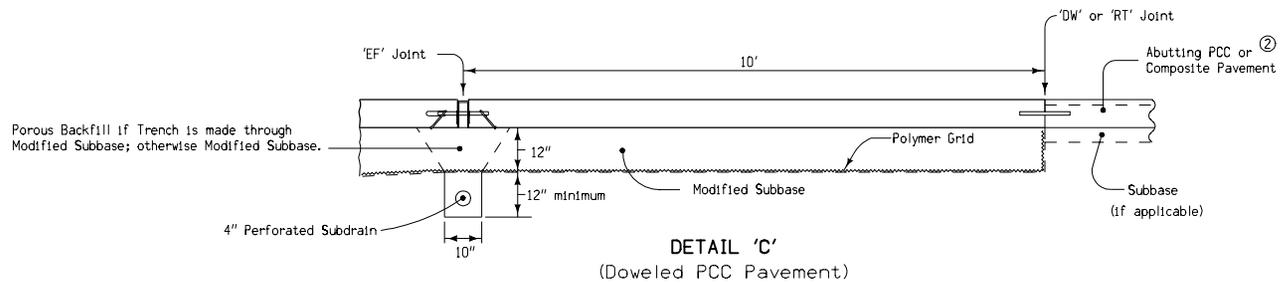
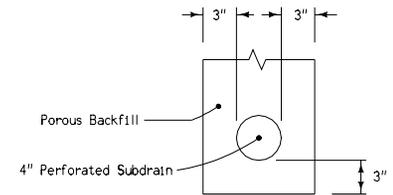
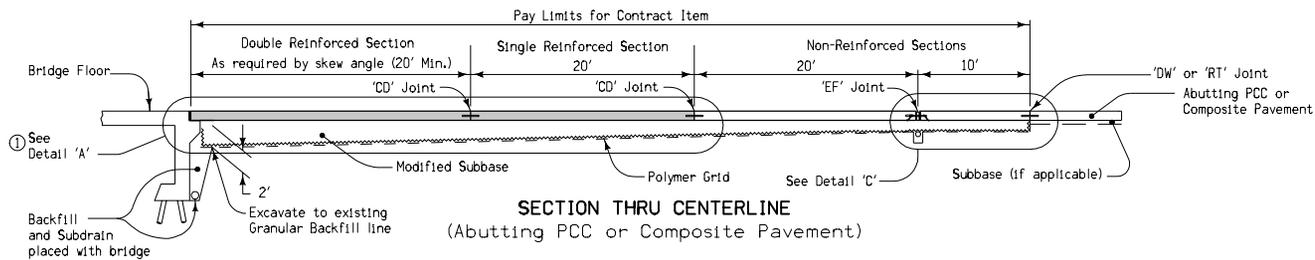
RK-20

SHEET 1 of 3

REVISIONS: Replaced paren-number standards with one multi-page standard and changed bar configuration.

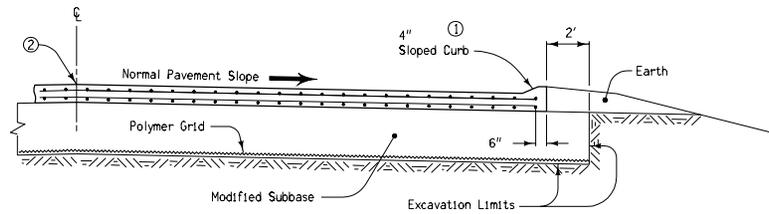
Deanna Masfildt
APPROVED BY DESIGN METHODS ENGINEER

DOUBLE REINFORCED 12" APPROACH

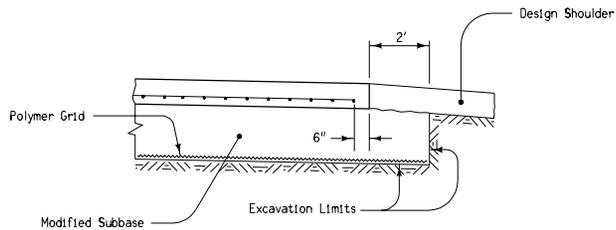


① If abutting pavement (PCC or HMA) is not in place, see Standard Road Plan RK-30.

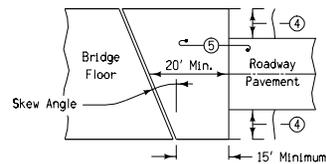
Iowa Department of Transportation	REVISION
	NEW 10-17-06
STANDARD ROAD PLAN SHEET 2 of 3	RK-20
	REVISIONS: Replaced paren-number standards with one multi-page standard and changed bar configuration.
<i>Deanna Masfield</i> APPROVED BY DESIGN METHODS ENGINEER	
DOUBLE REINFORCED 12" APPROACH	



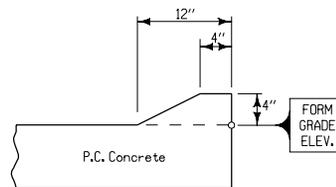
SECTION A-A ③



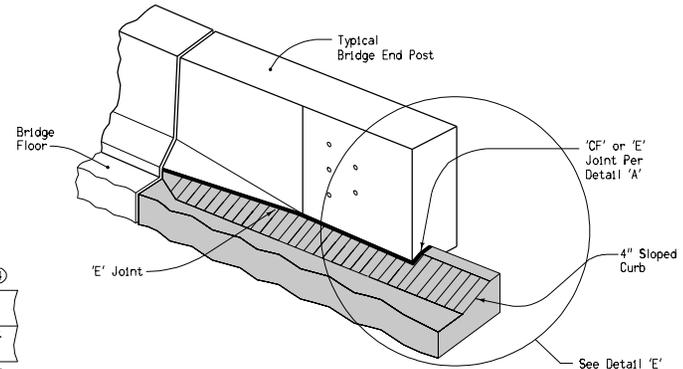
SECTION B-B ③



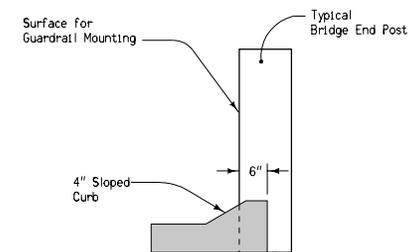
APPROACH PAVEMENT LAYOUT AT A SKEW



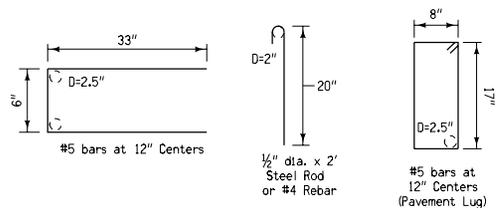
4" SLOPED CURB



DETAIL 'D' ③
(Joint Placement)



DETAIL 'E'
(Back of Curb Placement)



BENT BAR SHAPES

- ① Build 4 inch Sloped Curb, unless noted otherwise in the plan.
- ② Longitudinal Joint: (Standard Road Plan RH-51)
Single pour - Saw cut joint per Detail B.
Two pours - Use 'KS-2' Joint.
- ③ See Standard Road Plan RK-21, RK-22, or RK-23.
- ④ Design shoulder width.
- ⑤ Reinforced bridge approach section.

	Iowa Department of Transportation	
	NEW	10-17-06
STANDARD ROAD PLAN		RK-20
		SHEET 3 of 3
REVISIONS: Replaced paren-number standards with one multi-page standard and changed bar configuration.		
<i>Deanna Mayfield</i> APPROVED BY DESIGN METHODS ENGINEER		
DOUBLE REINFORCED 12" APPROACH		