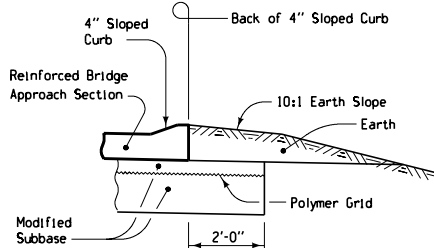
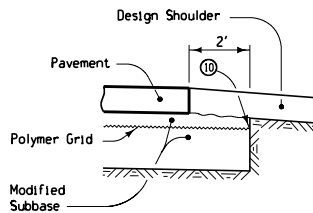


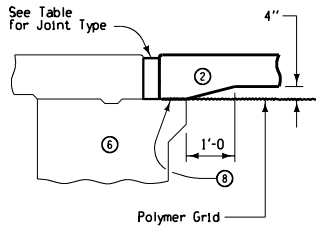
SECTION A-A



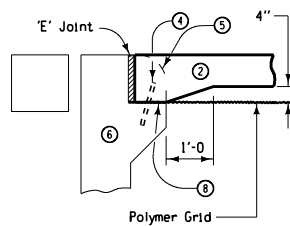
SECTION B-B



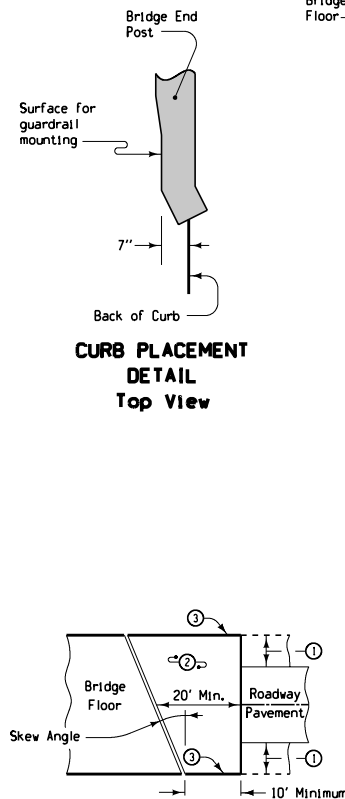
SECTION C-C



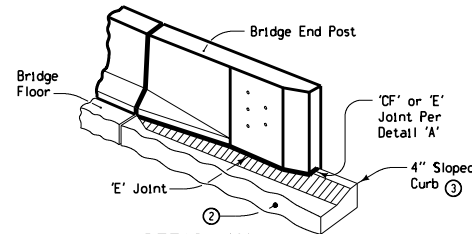
DETAIL 'A'
Movable Abutment Bridge



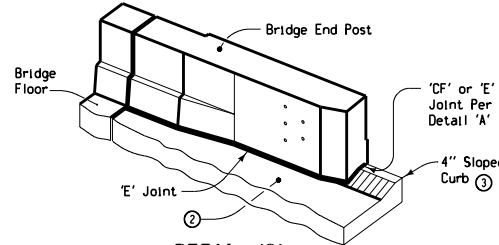
DETAIL 'A'
Fixed Abutment Bridge



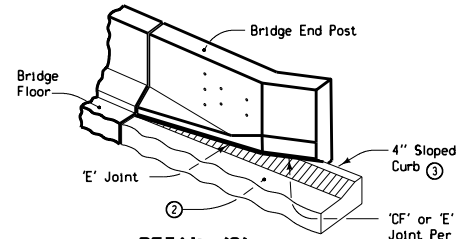
TWO LANE APPROACH PAVEMENT LAYOUT AT A SKEW



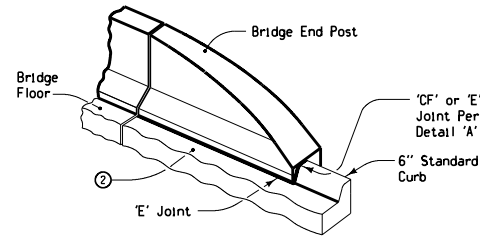
DETAIL 'C'
Five Hole Bridge End Post



DETAIL 'C'
Retrofit Bridge End Post



DETAIL 'C'
Flared Bridge End Post



DETAIL 'C'
Low Speed Bridge End Post

Sections and details apply to Standard Road Plans RK-16 and RK-19B through RK-19J.

- ① Design Shoulder width.
- ② Reinforced Bridge Approach Section.
- ③ Build 4" Sloped Curb.
- ④ Reinforcing Bar.
- ⑤ Temporary paving block removed by paving contractor.
- ⑥ Bridge Abutment.
- ⑦ Longitudinal Joint: (Standard Road Plan RH-51)

Single pour - Saw cut joint per Detail B.
Two pours - Use 'KS-1' joint.

- ⑧ Secure polymer grid on top of paving notch.
- ⑨ Extend polymer grid to 2' outside edge of pavement.
- ⑩ Trim fabric to edge of excavation.
- ⑪ If bridge is skewed, place additional 5 bar parallel to skewed face.
- ⑫ T = 10 inches.

JOINT TYPE FOR MOVABLE 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'

Contract Item:

Bridge Approach, RK-19

Tabulation: 112-6

<p>Iowa Department of Transportation</p>	REVISION
	14 10-21-08
STANDARD ROAD PLAN	RK-19A
	SHEET 1 of 1
REVISIONS: Added label for centerline Approach Roadway. Deleted Section D-D, shown on Standard Road Plan RK-23.	
<i>Deanna Macfadyen</i> APPROVED BY DESIGN METHODS ENGINEER	
BRIDGE APPROACH SECTION (GENERAL DETAILS)	