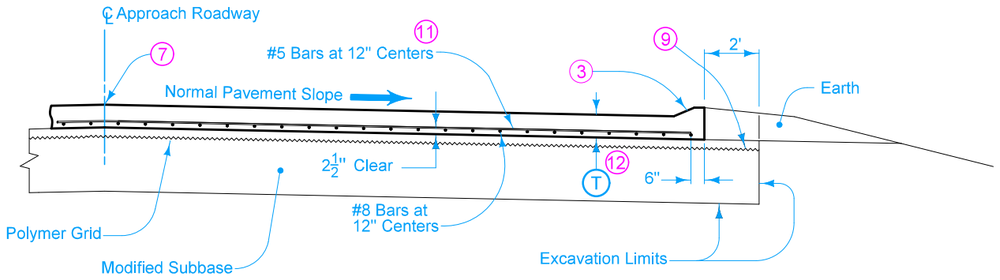
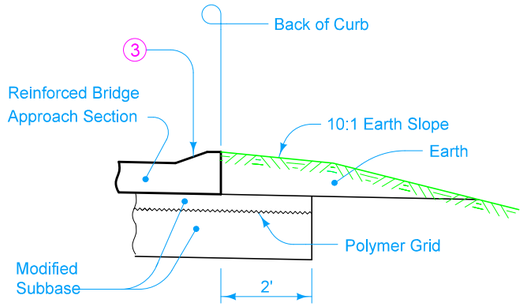
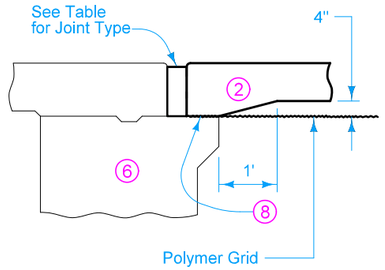


SECTION A-A

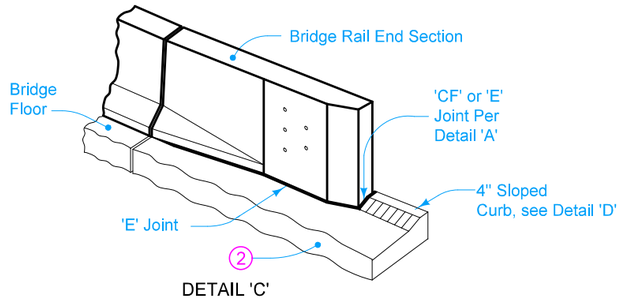


SECTION B-B



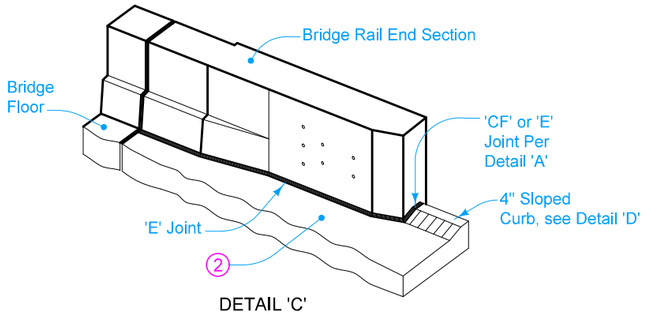
DETAIL 'A'

Movable Abutment Bridge



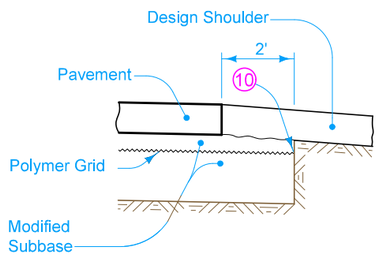
DETAIL 'C'

Five Hole Bridge Rail End Section

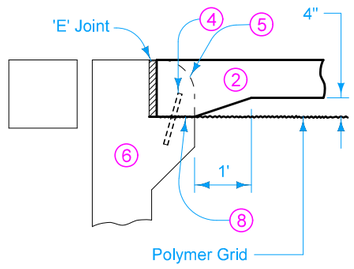


DETAIL 'C'

Retrofit Bridge Rail End Section

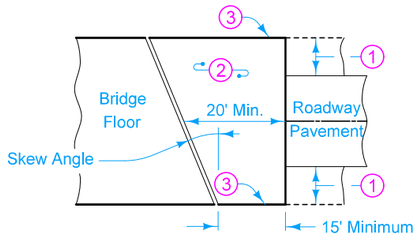


SECTION C-C



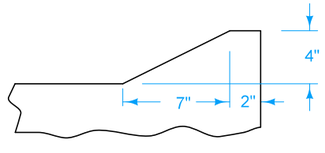
DETAIL 'A'

Fixed Abutment Bridge



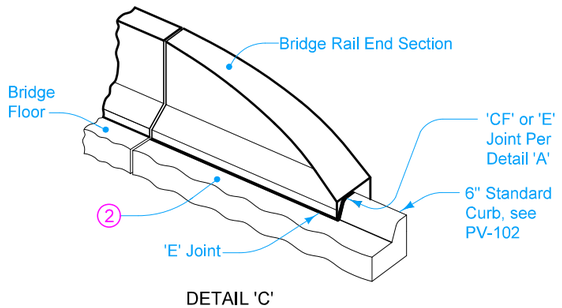
TWO LANE APPROACH PAVEMENT

LAYOUT AT A SKEW



DETAIL 'D'

4" Sloped Curb



DETAIL 'C'

Low Speed Bridge Rail End Section

CURB ALIGNMENT AND

JOINT PLACEMENT

Sections and details apply to Standard Road Plans BR-112 and BR-102 through BR-107.

1. Design Shoulder width.
2. Reinforced Bridge Approach Section.
3. Build curb. See Detail 'C'. Refer to PV-102 for runout details.
4. Reinforcing Bar.
5. Temporary paving block removed by paving contractor.
6. Bridge Abutment.
7. Longitudinal Joint (PV-101):
   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 feet 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'

Possible Contract Item:
Bridge Approach, Two Lane

Possible Tabulation:
112-6

IOWA DOT

STANDARD ROAD PLAN

REVISION	
1	10-18-22

BR-101

SHEET 1 of 1

REVISIONS: Revised curb note.

APPROVED BY DESIGN METHODS ENGINEER

BRIDGE APPROACH SECTION (GENERAL DETAILS)