

All Transverse Bars are #5.

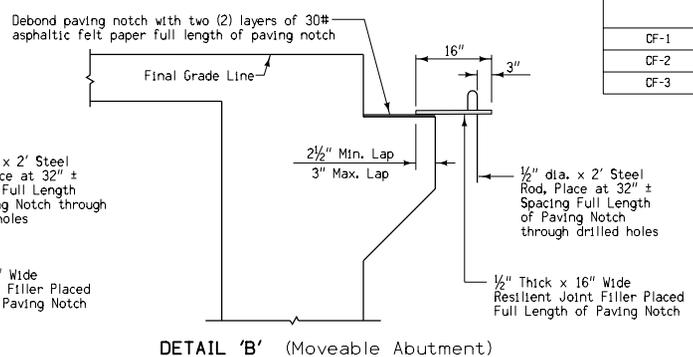
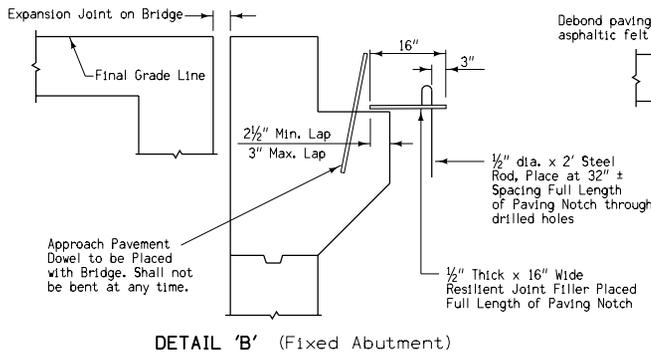
JOINT TYPE FOR MOVEABLE ABUTMENT BRIDGES

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

- 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.

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

Contract Item:
Bridge Approach, RK-25
Tabulation: 112-6



Iowa Department of Transportation

STANDARD ROAD PLAN

REVISION: 1 | 04-17-07

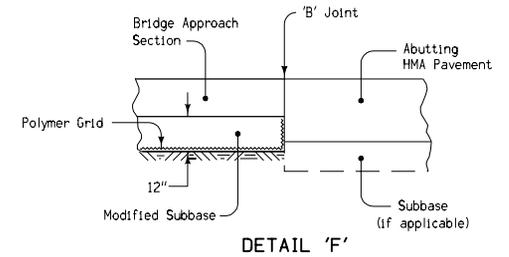
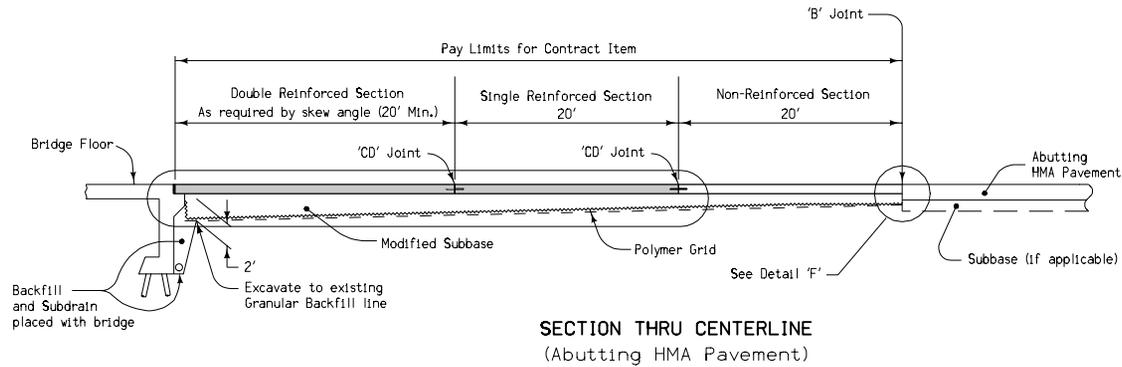
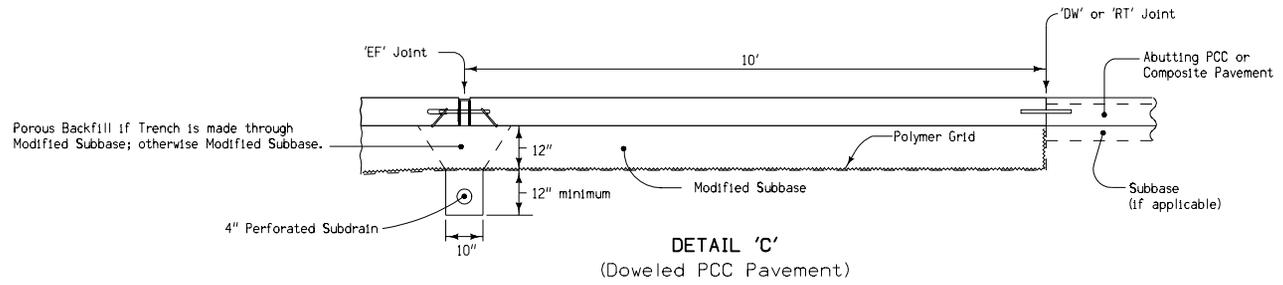
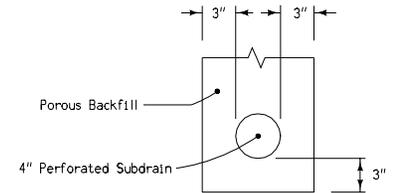
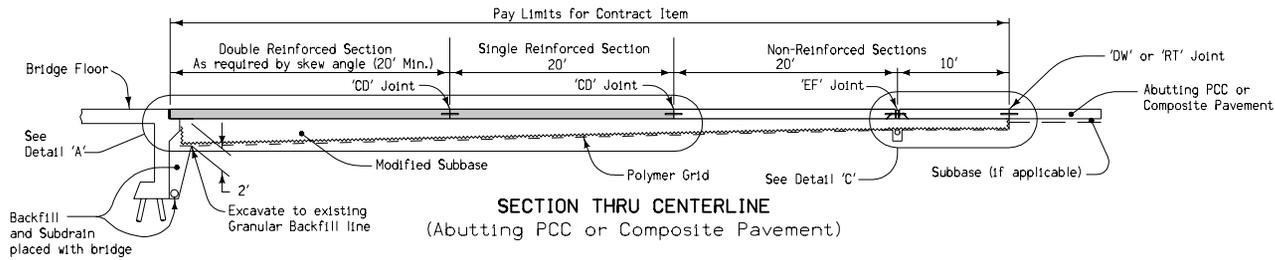
RK-25

SHEET 1 of 3

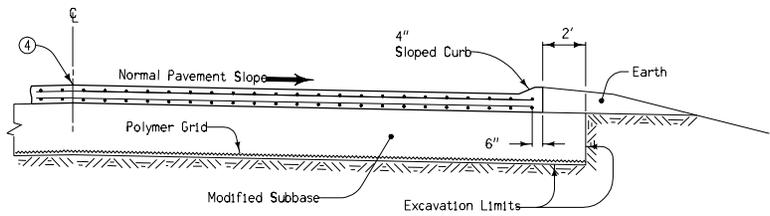
REVISIONS: Added slab bridges to joint type table and removed circle note repetition.

Deanna Mayfield
APPROVED BY DESIGN METHODS ENGINEER

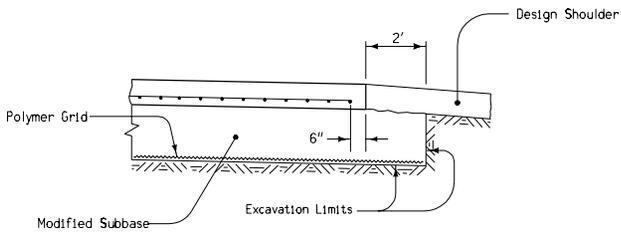
DOUBLE REINFORCED 10" APPROACH



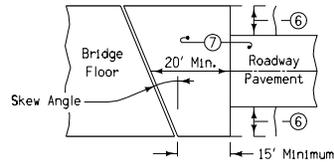
| | |
|---|------------------------------|
| Iowa Department of Transportation STANDARD ROAD PLAN | REVISION 1 04-17-07 |
| | RK-25 SHEET 2 of 3 |
| REVISIONS: Added slab bridges to joint type table and removed circle note repetition. | |
| <i>Deanna Marfield</i> APPROVED BY DESIGN METHODS ENGINEER | |
| DOUBLE REINFORCED 10" APPROACH | |



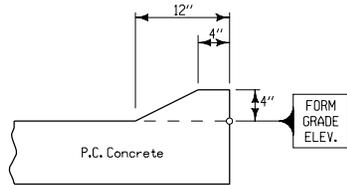
SECTION A-A ⑤



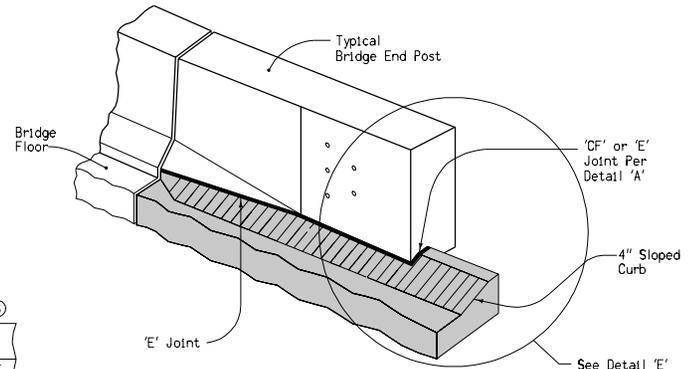
SECTION B-B ⑤



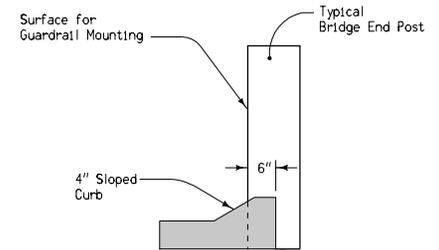
APPROACH PAVEMENT LAYOUT AT A SKEW



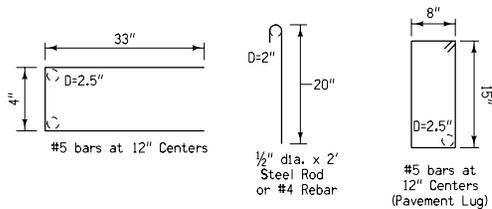
4" SLOPED CURB



DETAIL 'D' ⑤
(Joint Placement)



DETAIL 'E'
(Back of Curb Placement)



BENT BAR SHAPES

- ④ Longitudinal Joint: (Standard Road Plan RH-51)
Single pour - Saw cut joint per Detail B.
Two pours - Use 'KS-2' Joint.
- ⑤ See Standard Road Plan RK-21, RK-22, or RK-23.
- ⑥ Design shoulder width.
- ⑦ Reinforced bridge approach section.

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|---|--------------|
| Iowa Department of Transportation | REVISION |
| | 1 04-17-07 |
| STANDARD ROAD PLAN | RK-25 |
| SHEET 3 of 3 | |
| REVISIONS: Added slab bridges to joint type table and removed circle note repetition. | |
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| DOUBLE REINFORCED 10" APPROACH | |