

DESIGNER INFORMATION

For joint details, see PV-101.

For curb details, see Detail 'G'.

All transverse bars are #5.

Use epoxy coated bars for all reinforcement.

Quantities for both the 1'-9" top part of the sleeper slab and the 6'-3" portion under the approach pavement have been included in the double reinforced section quantities.

- ① Build 4 inch Sloped Curb to end of Reinforced Sections.
- ② Longitudinal Joint (PV-101):
Single Pour - Saw cut joint per Detail B.
Two Pours - Use 'KS-1' joint (Single Reinforced Section).
Use 'KS-2' joint (Double Reinforced Section).
- ③ Polymer Grid and excavation limits of Modified Subbase 2 feet outside of pavement edge.
- ④ Slope subdrain to drain.
- ⑤ Place an "X" in the plastic concrete near the 'EF' joint at the outside edge of pavement.
- ⑥ 1/4 inch Preformed Joint Filler and seal top.
- ⑦ See Detail 'C'.

Possible Contract Item:
Bridge Approach, BR-205
Longitudinal Grooving in Concrete, Bridge Deck
Longitudinal Grooving in Concrete, Pavement

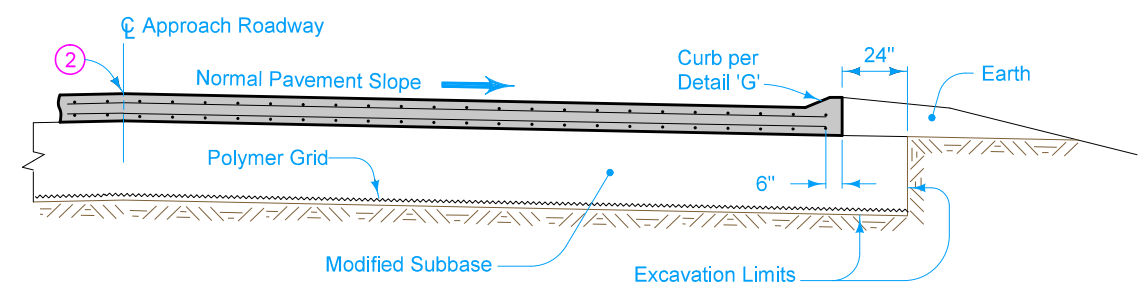
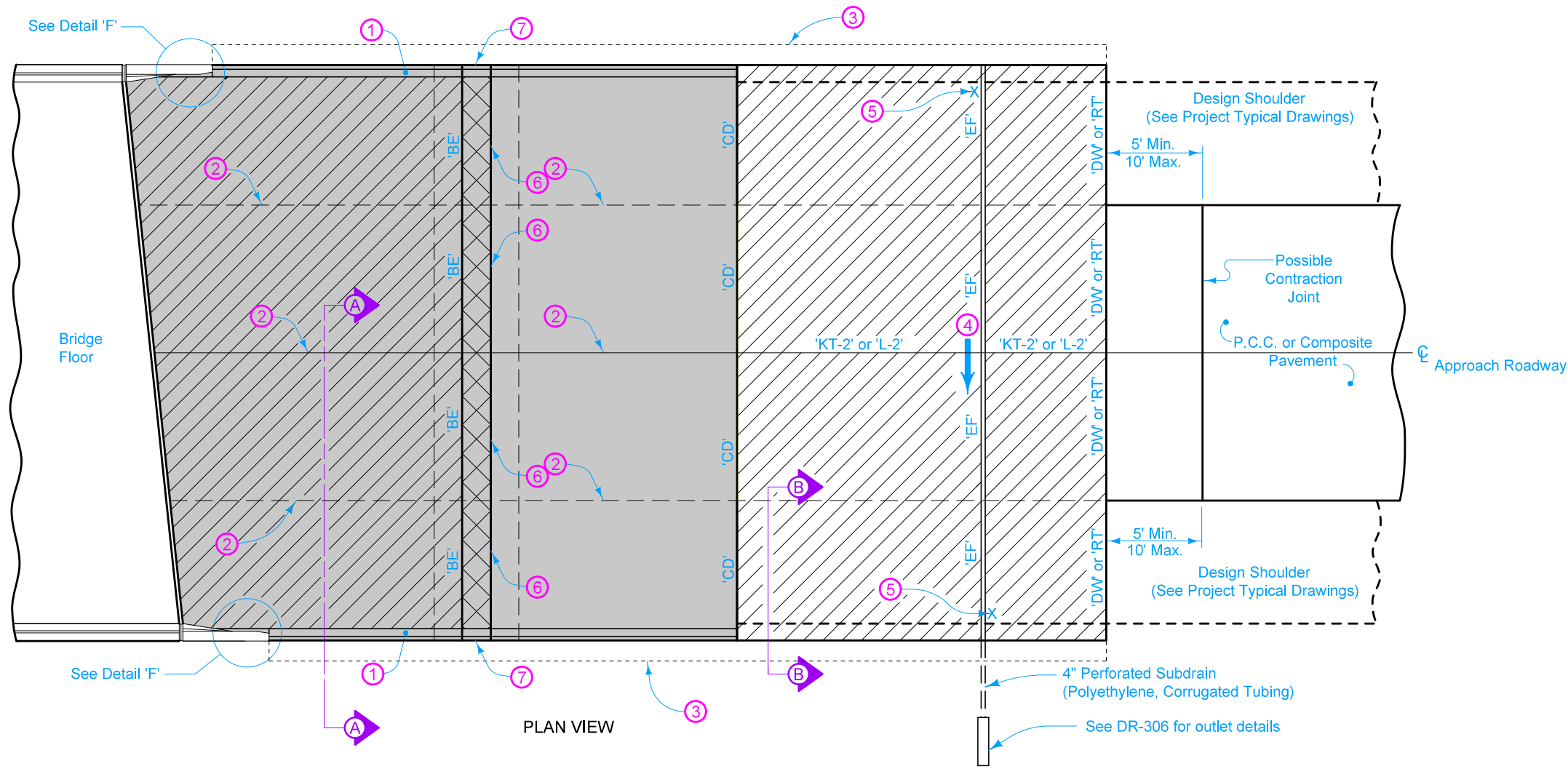
Possible Tabulation:
112-6

| IOWA DOT | REVISION | |
|---------------------------|----------|----------|
| | 9 | 10-15-24 |
| STANDARD ROAD PLAN | | |
| BR-205 | | |
| SHEET 1 of 4 | | |





REVISIONS: Added Longitudinal Grooving in Concrete to possible contract item. Removed notes pertaining to shoulders. Added 'BE' joint detail.

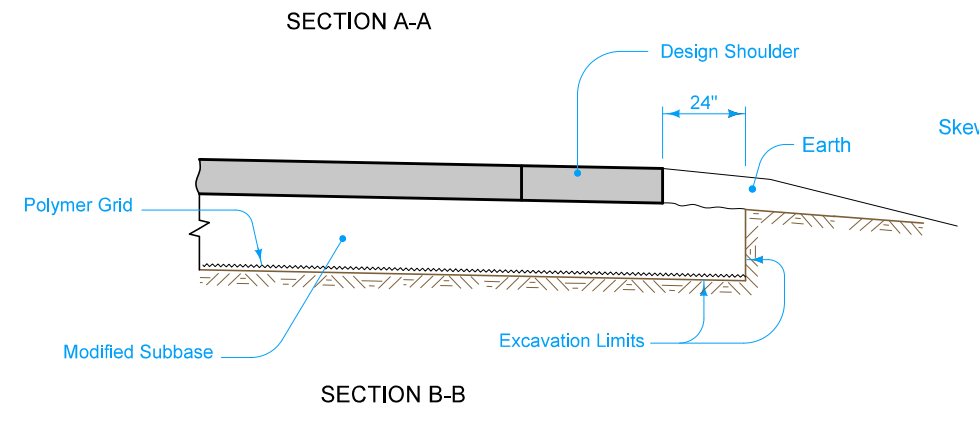
Shawn Miller
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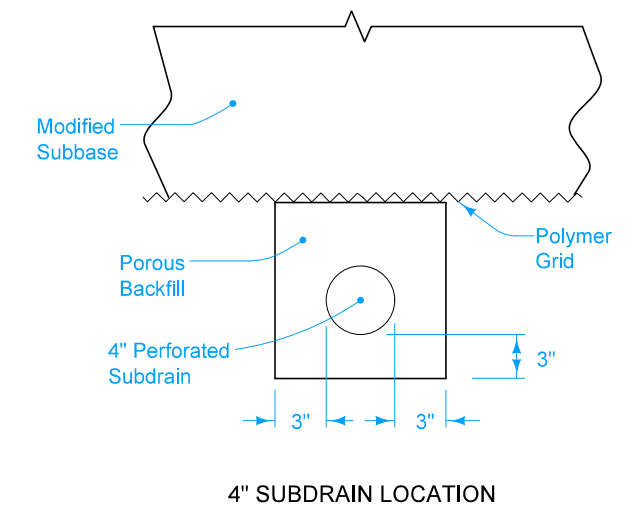
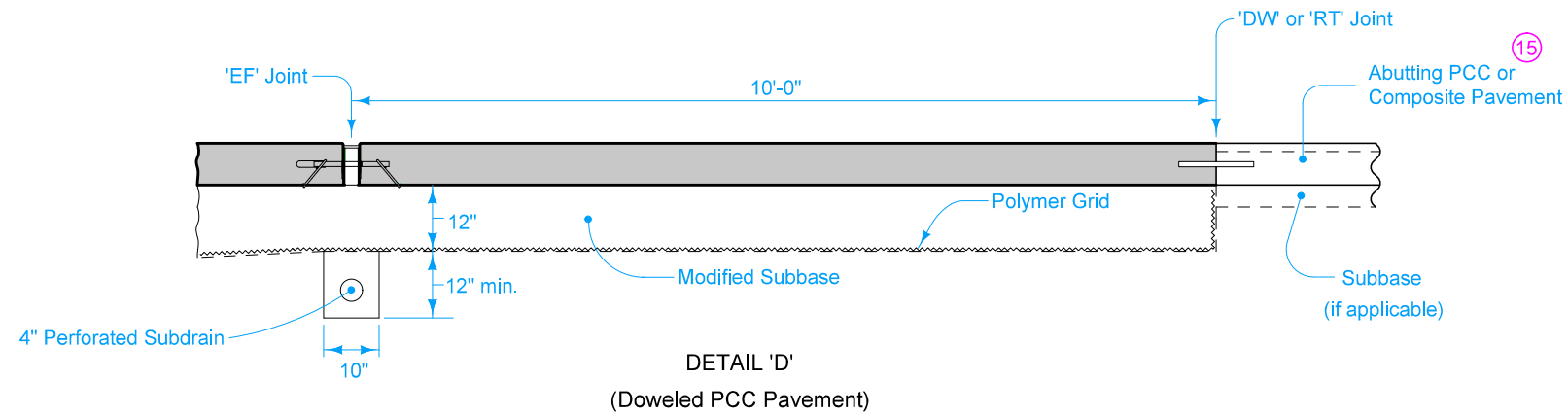
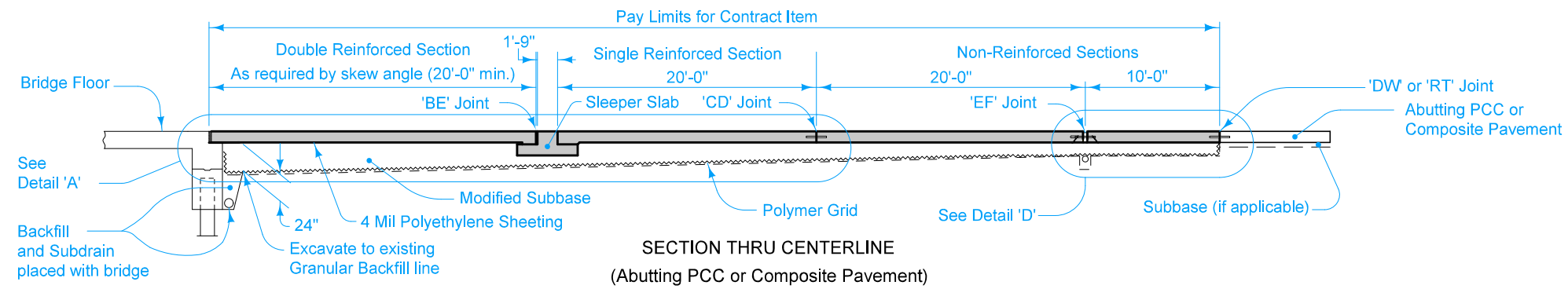
DOUBLE REINFORCED 12" APPROACH (SLAB BRIDGE)



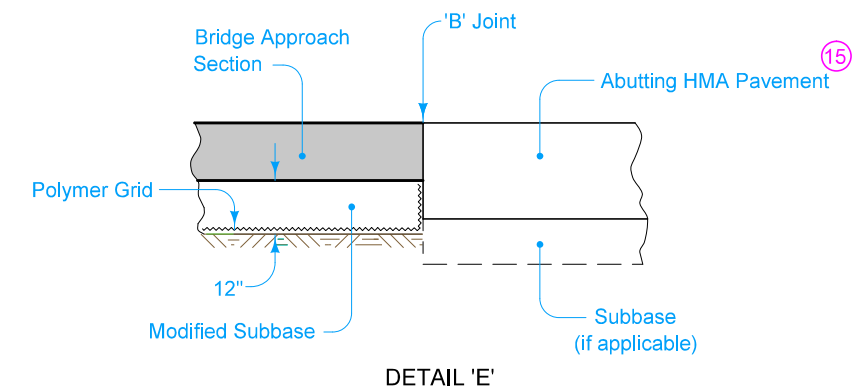
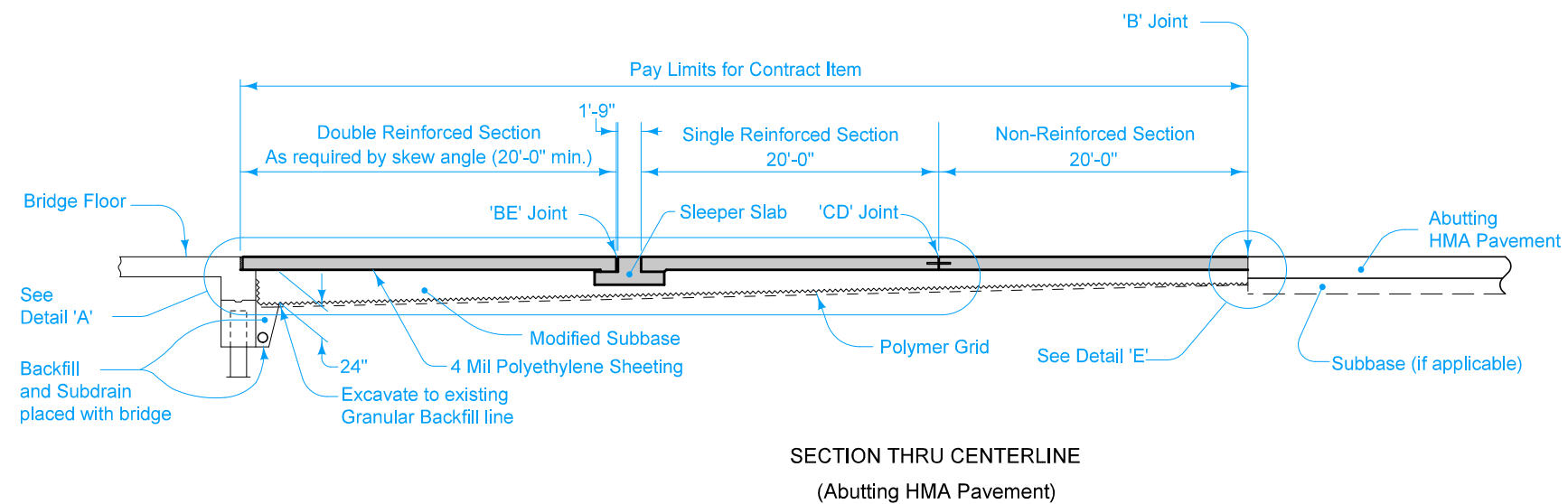
Pay limits for contract item include the following areas:

-  Double Reinforced Section
-  Sleeper Beam Section
-  Single Reinforced Section
-  Non-Reinforced Section





15 If abutting pavement (PCC or HMA) is not in place, refer to BR-213.

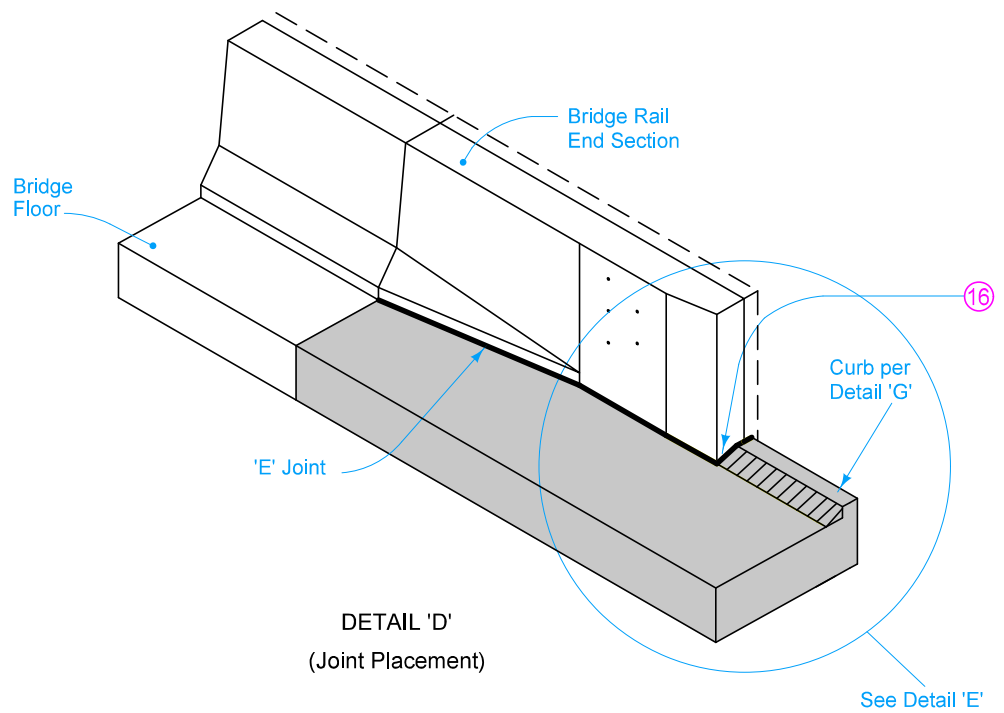


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| IOWA DOT STANDARD ROAD PLAN | REVISION | |
| | 9 | 10-15-24 |
| | BR-205 SHEET 3 of 4 | |

REVISIONS: Added Longitudinal Grooving in Concrete to possible contract item. Removed notes pertaining to shoulders. Added 'BE' joint detail.

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**DOUBLE REINFORCED 12" APPROACH
(SLAB BRIDGE)**



DETAIL 'D'
(Joint Placement)

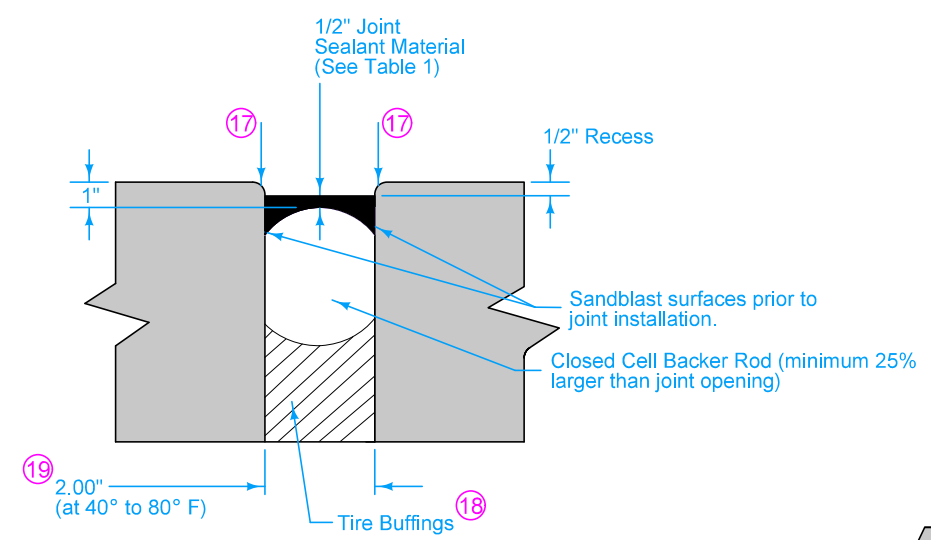
16 Joint at end of Bridge Rail End Section: Place joint filler the full depth of the bridge approach pavement. In areas with curb, place full depth of pavement plus curb and shape material to fit the shape of the curb per Section B-B of PV-101. Seal joint per Detail F of PV-101.

- Fixed Abutment Bridges: Type 'E' Joint.
- Moveable Abutment Bridges: Flexible Foam Expansion Joint Filler complying with Section 4136 of the Standard Specifications. Set width of gap to 2 inches. Joint length as required to completely fill from back side of curb to front face of bridge wing.

17 Edge with 1/4 inch tool for length of joint indicated if formed edging not required when cut with diamond blade saw.

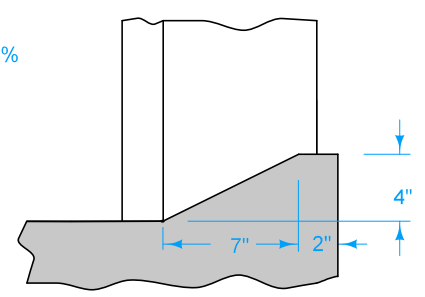
18 Compact tire buffings by spading with a square-nose shovel. Tire buffings shall not be larger than 1/2 inch.

19 Setting Width Notes:
- Width is perpendicular to abutment.

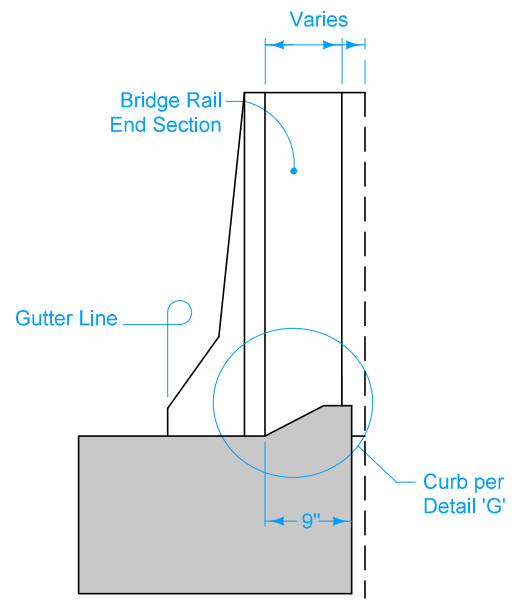


'BE'JOINT
DETAIL

| Table 1 |
|--|
| Approved List of Sealant |
| Dow - Dowsil 902 RCS |
| Sika - Sikasil 728 RCS |
| Watson Bowman Acme - Wabo SiliconeSeal |
| Pecora - 322FC |



DETAIL 'G'



DETAIL 'E'
(Back of Curb Placement)

| | | |
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| | 9 | 10-15-24 |
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| SHEET 4 of 4 | | |

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Shawn Miller
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DOUBLE REINFORCED 12" APPROACH
(SLAB BRIDGE)