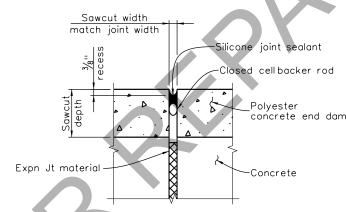


THIN BONDED OVERLAY (POLYESTER CONCRETE) **EXISTING**

Sawcut width

match joint width



THIN BONDED OVERLAY (POLYESTER CONCRETE) **PROPOSED**

POLYESTER CONCRETE END DAM **PROPOSED**

ı Designer/Detailer:

Select one of the details, as appropriate.

For the HMA overlay, verify if a waterproofing membrane exists. If one exists and is not anticipated to be replaced, leave 1" of asphalt and add note to not damage existing membrane.

HMA overlays shall use hot applied sealants, concrete and polyester overlays shall use silicone sealants.

Silicone joint sealant

-Closed cellbacker rod

concrete)

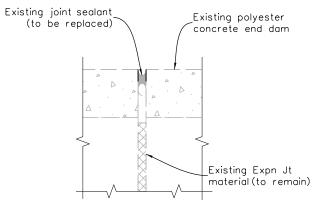
Concrete

Thin Bonded

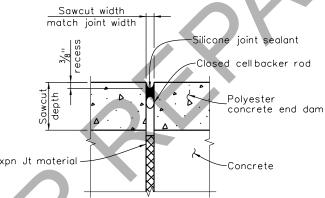
-Overlay (polyester

-Expn Jt material

Include the 518 Sawing and Sealing Bridge Joint Project Special if using this detail



POLYESTER CONCRETE END DAM **EXISTING**



LEGEND



OVERLAY

PROPOSED

- Saw cut full depth of polyester concrete as soon as the material has cured enough to walk on.
- 2. Extend sawcut and sealant 6" up face of bridge rail.
- 3. Backer rod, sealant, and saw cut shall not be paid separately, but shall be included in Pay Item 518 Sawing and Sealing Bridge Joint.

All seals for this set of drawings are applied to the cover page(s)

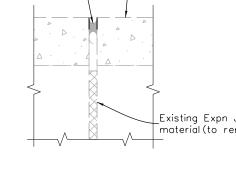
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Colorado Department of Transportation 2829 West Howard Place, 3rd Denver, CD 80204 Phone: 303-512-4079

FAX: 303-757-9197 Staff Bridge Branch

Floor	No Revis
	Revised:
Initials	Void:

As Constructed	SA	Project No./Code			
No Revisions:		Project Number			
Revised:	Designer:	XXXXXXX			Code
Void:	Detailer:	XXXXXXX	Numbers	X-XX-XX	
	Sheet Subset:	BRIDGE	Subset Sheets: BXX of XXX		Sheet Number



HOT MIX ASPHALT **OVERLAY EXISTING**

1/2" Sawcut,

1/4" Hot applied

¾" Recess

joint sealant

Remove existing HMA overlay to deck or to 1" above waterproofing

> Waterproofing membrane (to remain if present)

Existing Expn Jt

5⁄8''Ø Backer rod

1<u>%''</u> Sawcut

Waterproofing (membrane)

1"Ø Closed cell backer rod Expn Jt material (Leave in place)

Silicone joint sealant (Use only if

membrane is not present)

_fill ¾'' of sawcut

-HMA Overlay

material (to remain)

membrane

HOT MIX ASPHALT

|/2 |Min