

1/4" x 1/2" Bar

DETAIL A

Angle (Typ.) —

Detailed Checked

PART PLAN

-1/4" x 1/2" Bar

3 (Typ.)

- © 9/16"Ø Holes for 1/2"Ø machine bolts

| Joint System Dimensions | | | | | | | | | | |
|---|--------------------------------------|--|---|---|---|--------|--------|---------|--------------|-----------|
| Seal Width Perpendicular to Joint | Height ③ | Movement Capacity (Normal to Joint) | Min. Joint Width (Normal to Joint) | Max. Joint Width (Normal to Joint) | Allowed Installation Cap Normal to Joint at RDWY Surface @ Air/Surface Temperature ② ① | | | Surface | Manufacturer | Seal Name |
| | | | | | @ 40°F | @ 50°F | @ 60°F | @ 70°F | | |
| 2.25" | Manufacturer's Recommended Height | 0.85″ | 1.06″ | 1.91" | xxx | xxx | xxx | xxx | | |
| 2.5" | Manufacturer's Recommended Height | 1.00" | 1.13" | 2.13" | xxx | xxx | xxx | xxx | | |
| 3.0" | Manufacturer's Recommended Height | 1.30″ | 1.25" | 2.55" | xxx | xxx | xxx | xxx | | |
| 3.5" | Manufacturer's Recommended Height | 1.60″ | 1.38" | 2.98" | xxx | xxx | xxx | xxx | | |
| 4.0" | Manufacturer's Recommended Height | 1.83" | 1.57" | 3.40" | xxx | xxx | xxx | xxx | | |
| 4.5" | Manufacturer's Recommended Height | 2.27" | 1.56" | 3.83" | xxx | xxx | xxx | xxx | | |

Note: Depth of seal shall not be less than width of seal.

Vertical leg of angle shall be a minimum of Manufacturer's Recommended Height ③+ 3/4". Horizontal leg of angle shall be a minimum of 3". Minimum thickness of angle shall be 1/2".

② The installation temperature shall be taken as the actual air temperature averaged over the 24-hour period immediately preceding installation.

MoDOT Construction personnel will record the manufacturer and seal name that was used.

PREFORMED COMPRESSION SEAL EXPANSION JOINT SYSTEM AT END BENT NO. Note: This drawing is not to scale. Follow dimensions.

Sheet No. P_COM01_psi_end.dgn 2:59:54 PM 2/9/2021

STANDARD DRAWING GUIDANCE (do not show on plans):

For slab thickness \langle 8 1/2", check shear connector studlength for clearance to flange or diaphragm and adjustlength as necessary. See Structural Project Manager.

Use standard detailing note H5.55 when polymer concrete wearing surface is used with a preformed compression seal.

- C 13/16" x 3"

Slotted Hole

THIS MEDIA SHOULD

NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE DOCDADE

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2/9/2021

IOB NO

CONTRACT ID

PROJECT NO.

P_COMO1

DATE

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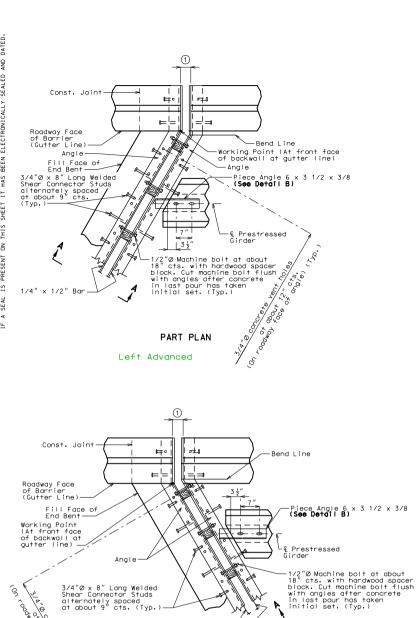
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WES

Remove non-applicable rows in table.

- (A) Piece angle length to center of first slotted hole.
- B Use squared, left advanced or right advanced Part Plan
- \bigcirc = 3/4" (Min.) @ 60° Verify only.
- \bigcirc = \bigcirc @ 60° + 3/4" (Min.) Verify only.

Delete panels for CIP slab.



1/4" x 1/2" Bar

Right Advanced

PART PLAN