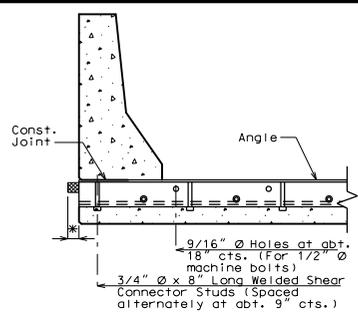
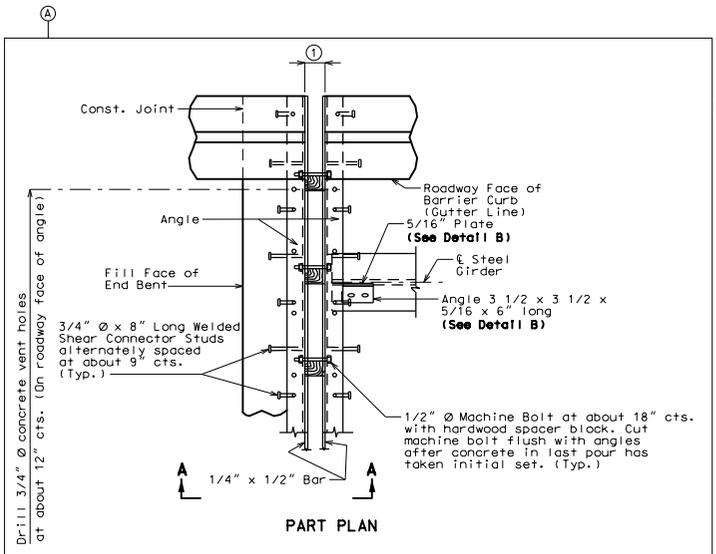


PART SECTION A-A

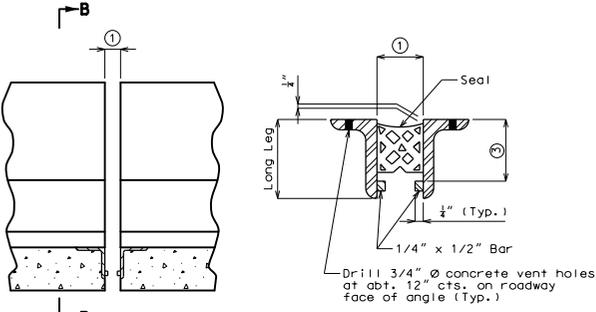


PART SECTION B-B

\* Extend preformed compression seal 3" past the edge of slab (Typ.)



PART PLAN



PART ELEVATION OF BARRIER CURB

PART CROSS SECTION THRU EXPANSION JOINT

**Table of Transverse Preformed Compression Seal Expansion Joint System Dimensions**

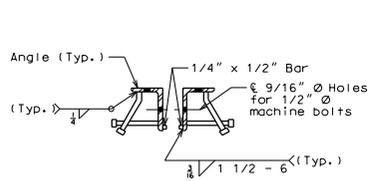
Seal Width Perpendicular to Joint	③	Movement Capacity (W to Joint)	Min. Joint Width (L to Joint)	Max. Joint Width (L to Joint)	Allowed Installation Gap Normal to Joint at RDWY Surface @ Air/Surface Temperature ②				④
					@ 40°F	@ 50°F	@ 60°F	@ 70°F	
2.25"	Manufacturer's Recommended Height	0.90"	1.01"	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	1.20"	1.34"	2.55"	XXX	XXX	XXX	XXX	□
3.5"	Manufacturer's Recommended Height	1.40"	1.58"	2.98"	XXX	XXX	XXX	XXX	□
4.0"	Manufacturer's Recommended Height	1.65"	1.75"	3.40"	XXX	XXX	XXX	XXX	□
4.5"	Manufacturer's Recommended Height	1.80"	2.03"	3.83"	XXX	XXX	XXX	XXX	□

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

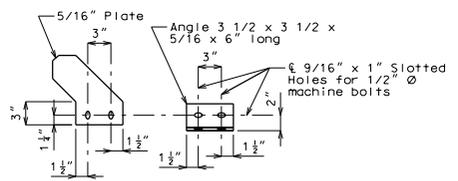
Size of armor angle: Vertical leg of angle shall be a minimum of Manufacturer's Recommended Height ③ + 3/4". Horizontal leg of angle shall be a minimum of 3". Minimum thickness of angle shall be 1/2".

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

④ MoDOT Construction personnel will indicate the preformed compression seal expansion joint system installed.



DETAIL A



DETAIL B

**DETAILS OF PREFORMED COMPRESSION SEAL EXPANSION JOINT SYSTEM AT END BENT NO.**

Detailed Checked

Note: This drawing is not to scale. Follow dimensions.

Sheet No. of

**STANDARD DRAWING GUIDANCE (do not show on plans):**

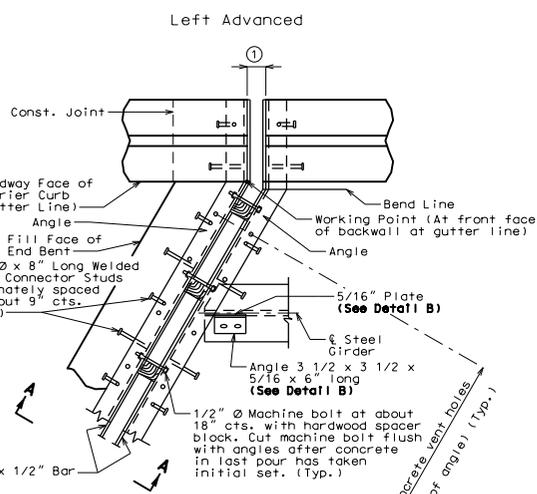
For slab thickness < 8 1/2", check shear connector stud length for clearance to flange or diaphragm and adjust length as necessary. See Structural Project Manager.

Remove non-applicable rows in table.

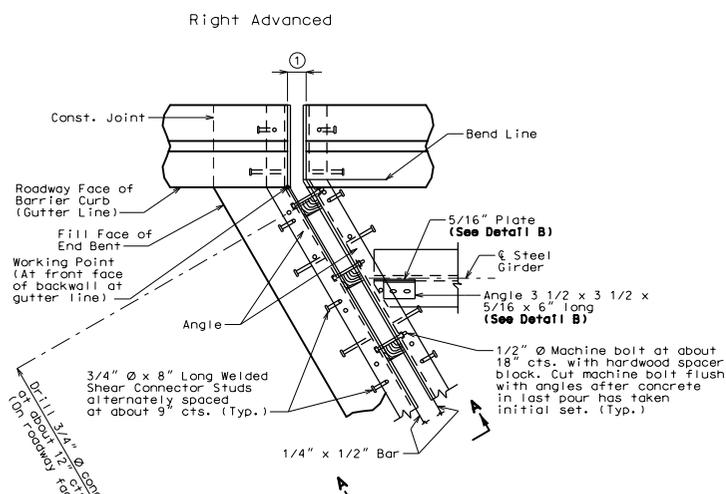
Ⓐ Use squared, left advanced or right advanced Part Plan as needed.

Ⓑ = 3/4" (Min.) @ 60° Verify only.

Ⓒ = Ⓐ @ 60° + 3/4" (Min.) Verify only.



PART PLAN



PART PLAN

THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT.

DATE PREPARED: 5/17/2018

ROUTE: MO STATE

DISTRICT: BR SHEET NO. \*

COUNTY: \*

JOB NO. \*

CONTRACT ID. \*

PROJECT NO. \*

BRIDGE NO. PCSEJ503

DESCRIPTION:

DATE:

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)

REV. 1