

GENERAL NOTES:

The bearing design shall conform to the provisions of AASHTO LRFD Bridge Design Specifications.

The contractor, in coordination with the bearing ma responsible for sizing the sole plate and masonry p the size, number, and location of anchor bolts base movement capacities, indicated in the Bearing Data.

The contractor shall submit calculations sealed by Engineer, licensed in the state of Missouri, indica design load and material criteria in the contract d

(1) Maximum vertical dimension of the complete bear bearing dimension differs, adjustments shall be mad the sole plate, masonry plate and concrete pad as n at no additional cost to the owner. Contractor shal method of adjustment to Engineer for approval.

(2) Estimated horizontal dimension of the pot beari actual dimension differs, adjust the size of the so plate as needed by the contractor at no additional

(5) The temperature of the steel adjacent to the el kept below 250°F.

The Dimension H in the Bearing Data Table represent height of bearing mechanism between the sole plate by the designer to establish the pedestal elevation

The bearings shall be manufactured pot bearings, de movement capacities indicated in the Bearing Data ${\rm T}$

All expansion bearings shall have maximum friction

Steel for pot bearings shall be AASHTO M270 Grade 5 galvanized. Steel for sole plate and masonry plates Grade 50.

Anchor bolts shall conform to ASTM F1554 Grade 55. be the swedge-type and shall have a minimum diameter extend a minimum of inches into the concrete. Swe less than the extension into the concrete.

Anchor bolts shall be installed using a hardened st exposed location.

Washers shall conform to ASTM F463.

Anchor bolts and hardened washers shall be coated w coats of inorganic zinc primer to provide a total d mils minimum, 6 mils maximum, or galvanized in acco

Certified mill test reports, conforming to the requ specifications, for the metals of the pot bearing d masonry plate and anchor bolts shall be submitted.

The masonry plate shall be prepared per the specifi with two coats of inorganic zinc primer to provide thickness of 4 mils minimum, 6 mils maximum.

The sole plate shall be prepared per the specificat with two coats of inorganic zinc primer to provide a thickness of 4 mils minimum, 6 mils maximum.

The bearing device, sole plate and masonry plate she shop and the bearing assembly shall be field welded of the steel cap beam. The welds shall be designed indicated in the Bearing Data Table.

After installation of the bearings, any uncoated or the masonry and sole plates shall be prepared in ac specifications and field-coated with inorganic zinc total dry film thickness of 4 mils minimum, 6 mils n

After installation of the bearings and field-applied surfaces of the masonry and sole plates shall be fid G intermediate and finish coat.

All bearings shall be marked prior to shipping. The the bearing location on the bridge and a direction of up-station. All marks shall be permanent and be vis is installed.

The pot bearing device, sole plate, masonry plate, anchor bolts wells and any other appurtenances incl and installation of the pot bearing device shall be item Pot Bearings.

Whenever jacking of the superstructure is needed to the contractor shall submit a jacking sequence for

Note: This drawing is not to scale. Follow dimensions. Sheet No. of

of the latest edition						
anufacturer, shall be plate and determining ed on the load and						
a Professional ting conformance with documents.			TE PF			
ring. If the actual de in the thickness of needed by the contractor I submit proposed		ROUTE *	ст	SF	STA M(HEET #	C NO.
ing device. If the ble plate and masonry cost to the owner.			+ JOB +	€ ND. €		
astomeric should be			NTRA			
ts the assumed total and masonry plate used hs.	BRIDGE NO. BRG11					
esigned for the load and Table.						
coefficient of 3%.						
50 and shall be s shall be AASHTO M270	P T I ON					
The anchor bolts shall er of 1 1/2 inches and vedging shall be 1 inch	DESCRIPTION					
teel washer at each						
vith a minimum of two dry film thickness of 4 ordance with Sec 1081.	DATE					
uirements of the device, sole plate,	ATION				P I TOL	65102
cations and shop-coated a total dry film	TRANSPORTATION				WEST C/	DN CITY. MD 65102
tions and shop-coated a total dry film	AND TRA	SION				FFERSON (
all be assembled in the to the bottom flange for the load capacities	НІСНМАҮЅ /	COMMIS	F 0			JEF JEF
damaged surfaces of coordance with the primer to provide a maximum.	-	ſ	<u></u> 2 2 2 Σ		<i>₩</i>	י ר
ed prime coats, the eld-coated with System	MI SSOUR		$\overline{}$		-	J
e marks shall include arrow that points sible after the bearing						
anchor bolts, washers, uded in the fabrication e incidental to the pay						
preset the bearings, approval.						