
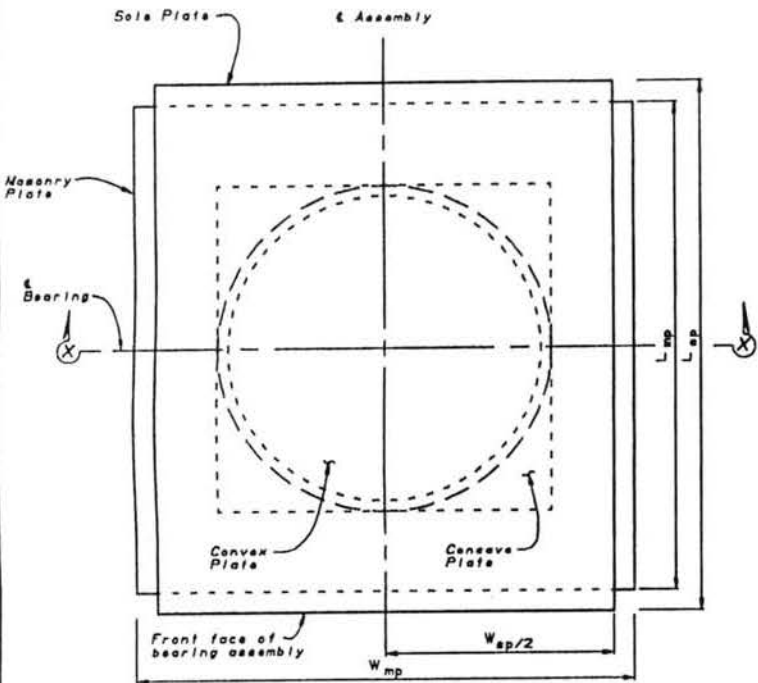


DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
REGISTERED ENGINEER - CIVIL					
					
PLANS APPROVAL DATE _____					

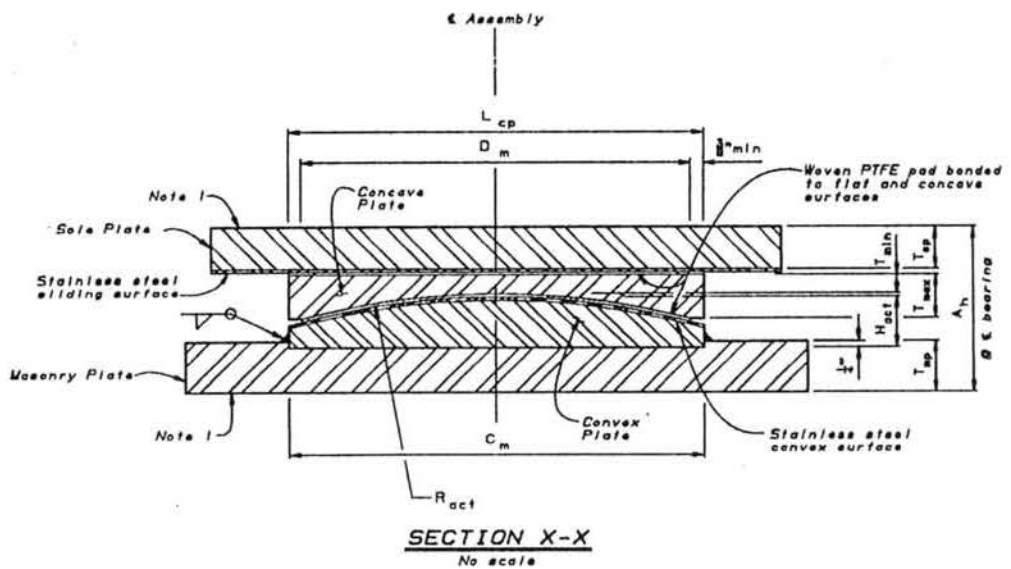
EXPANSION BEARING TABLE

LOCATION	MAXIMUM VERTICAL LOAD (Kips)	MINIMUM DEAD LOAD (Kips)	DESIGN ROTATION (Degrees)	CONCAVE PLATE						CONVEX PLATE		MASONRY PLATE			SOLE PLATE			ASSEMBLY HEIGHT
				WIDTH / FLAT PIPE LENGTH	AREA (sq ft)	DIAMETER	SPHERICAL RADIUS	MINIMUM THICKNESS	MAXIMUM THICKNESS	DIAMETER	MAXIMUM THICKNESS	WIDTH	LENGTH	THICKNESS	WIDTH	LENGTH	THICKNESS	
				L_{cp}	A_{PTE}	D_m	R_{act}	T_{min}	T_{max}	C_m	H_{act}	W_{mp}	L_{mp}	T_{mp}	W_{sp}	L_{sp}	T_{sp}	
Hinge 3	321	271	2	12.125	95	11.00	23.75	0.75	1.625	12.625	1.60	15.00	15.00	1.00	16.00	27.00	1.75	5.10



PLAN
No scale

- Notes:**
1. Anchorage method not shown.
 2. All units in inches unless otherwise noted.
 3. All dimensions shown are steel only unless otherwise noted.
 4. H_{act} includes stainless steel.
 5. A_h includes PTFE, substratum, and stainless steel, (varies).
 6. R_{act} is to sliding surface.



SECTION X-X
No scale

STANDARD DRAWING				STATE OF CALIFORNIA		DIVISION OF STRUCTURES		EXAMPLE 4	
FILE NO XS 12-60	DESIGNER Roberto Lucella	DRAWN Robert E. Traylor	CHECKED [Signature]	CALIFORNIA		STRUCTURE DESIGN		PTFE/SPHERICAL EXPANSION BEARING DETAILS	
DATE 11/93	DETAILS John Tjanther	DATE Roberto Lucella	DATE [Signature]	DEPARTMENT OF TRANSPORTATION		CU EA			
SUBMITTED BY Roberto Lucella			FOR REVIEW BY [Signature]			REVISIONS			