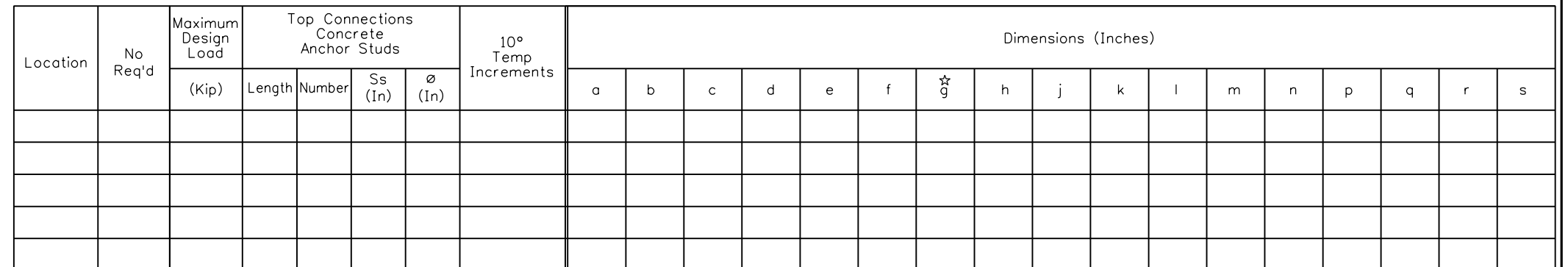
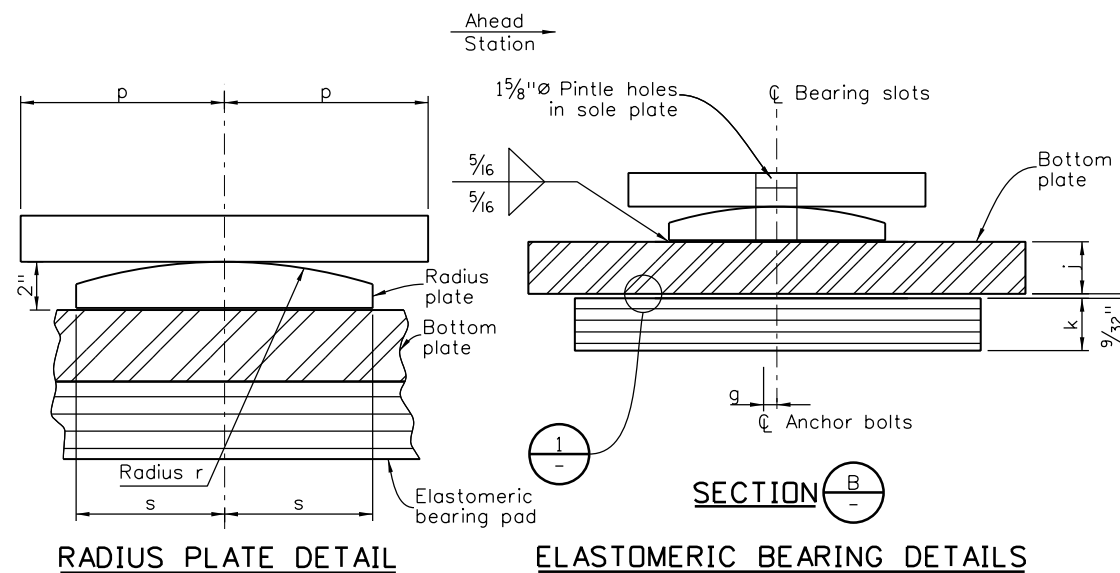


1. Elastomeric pad, sole plate, radius and bottom plate, PTFE, side plates, pintle, shear studs, welding, anchor bolts, and miscellaneous hardware shall be included in the bid price for item 512, Bearing Device (Type V).
2. The centerlines of the upper and lower elements of the expansion bearings shall be aligned as shown in section B at a mid-point temperature of 40°. The upper element only shall be adjusted in relation to the fixed bearing for each 10° temperature change. Adjust away from the fixed bearing one 10° temperature increment for each 10° change above 40° and toward the fixed bearing for each 10° change below 40°.
3. Provide 1/4" clearance between jam nut and sole plate under all temperature conditions prior to jamming.
4. Seal weld stainless steel to the sole plate.
5. PTFE and substrate shall be vulcanized to the elastomeric pad.
6. Grade 3 elastomer shall be used. Higher grade elastomer may be substituted for grade 3 at no additional cost to the project.
7. Design shear modulus $G = \text{-----}$ psi at 73°F.
8. Hardness = ----- Duro (Shore A).
9. AASHTO design method ----- has been used.



INITIALS	DESIGN	DATE	DETAIL	DATE	QUANTITY	DATE
By						
Checked By						

All seals for this set of drawings are applied to the cover page(s)	Print Date: \$DATE\$		Sheet Revisions			Colorado Department of Transportation  2829 West Howard Place, 3rd Floor Denver, CO 80204 Phone: 303-512-4079 FAX: 303-757-9197 Staff Bridge Branch	As Constructed		BEARING DEVICE (TYPE V) CONCRETE GIRDER			Project No./Code	
	File Name: Sheet_B-512-5C.dgn		Date:	Comments	Init.		No Revisions:				Project Number		
	Horiz. Scale: As Noted Vert. Scale: As Noted						Revised:	Designer: XXXXXXXX	Structure Numbers	X-XX-XX	Code		
	Unit Information Unit Leader Initials							Detailer: XXXXXXXX		X-XX-XX			
							Void:	Sheet Subset: BRIDGE	Subset Sheets: BXX of XXX		Sheet Number		