

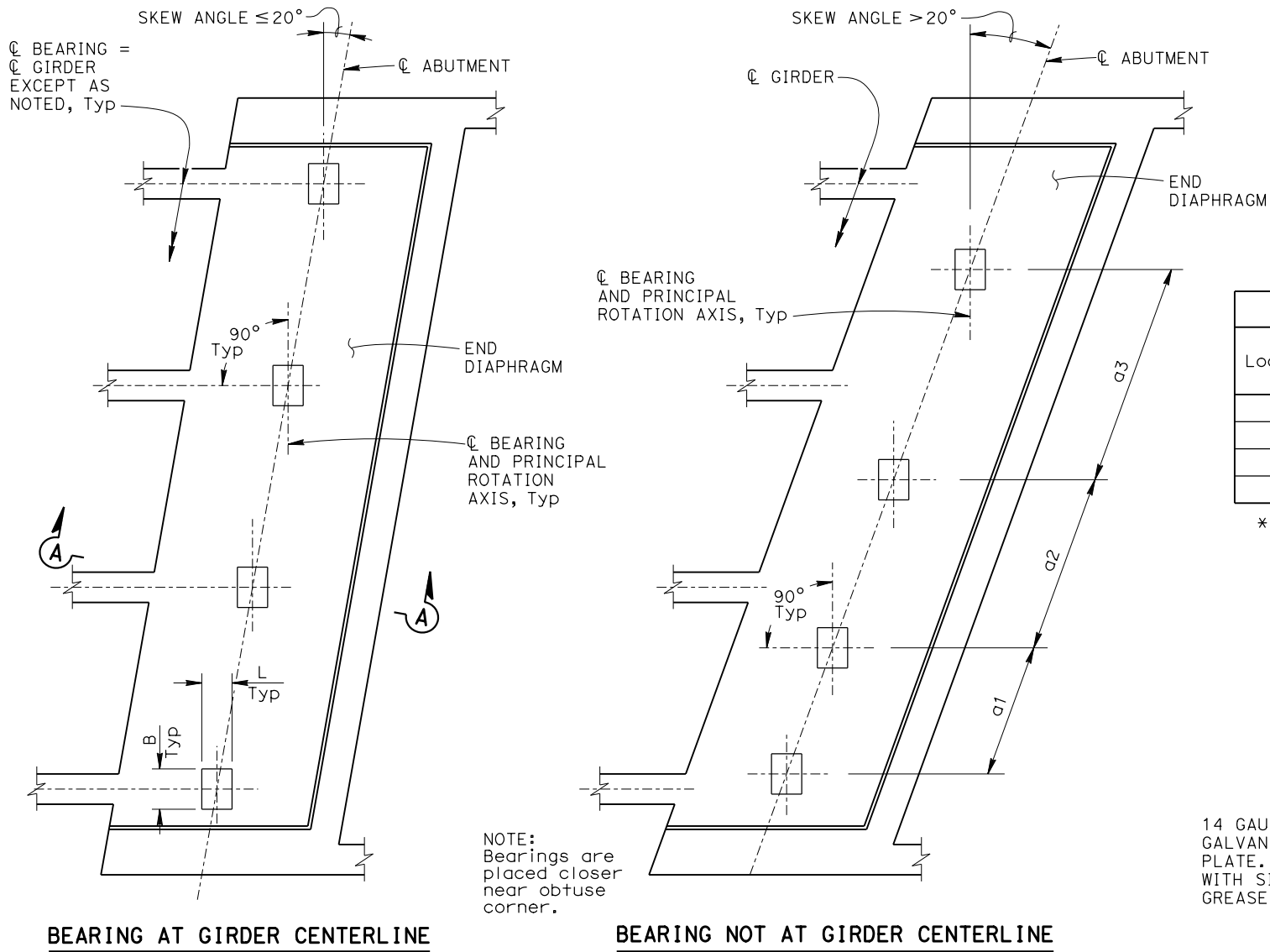
Dist COUNTY ROUTE POST MILES TOTAL PROJECT SHEET NO. TOTAL SHEETS

REGISTERED CIVIL ENGINEER X DATE

PLANS APPROVAL DATE

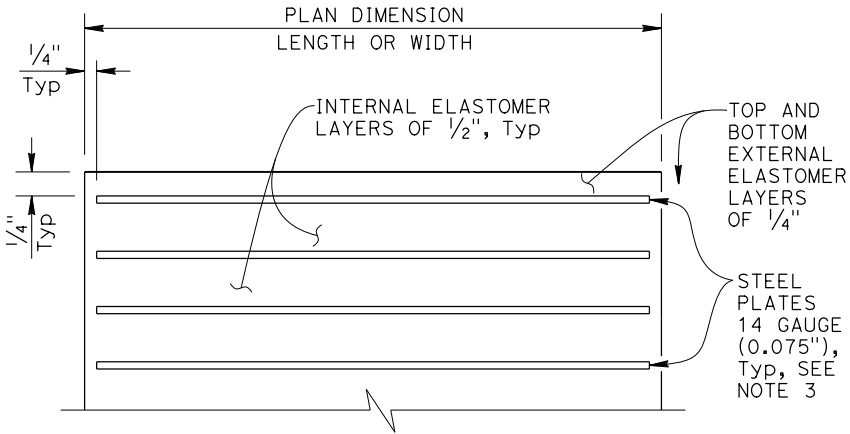
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

THE REGISTERED CIVIL ENGINEER FOR THE PROJECT IS RESPONSIBLE FOR THE SELECTION AND PROPER APPLICATION OF THE COMPONENT DESIGN AND ANY MODIFICATIONS SHOWN.



PLAN

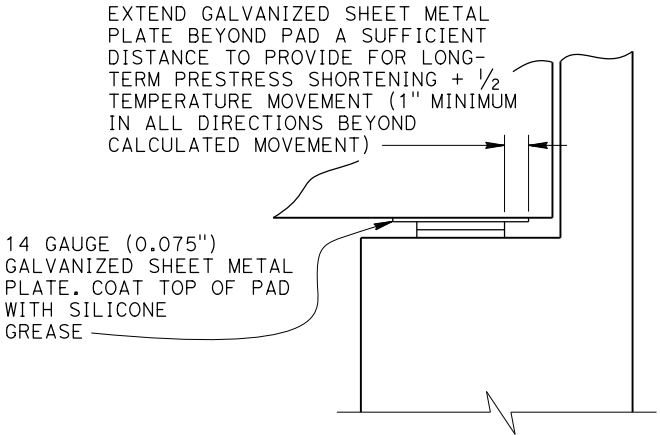
Design and Actual Thickness of Elastomeric Bearings			
Design Thickness (inch)	Number of 1/2" Layers	Number of Steel Plates (14 Gauge)	Actual Thickness (inch)
1.0	1	2	1.15
1.5	2	3	1.73
2.0	3	4	2.30
2.5	4	5	2.88
3.0	5	6	3.45
3.5	6	7	4.03
4.0	7	8	4.60
4.5	8	9	5.18
5.0	9	10	5.75
5.5	10	11	6.33
6.0	11	12	6.90



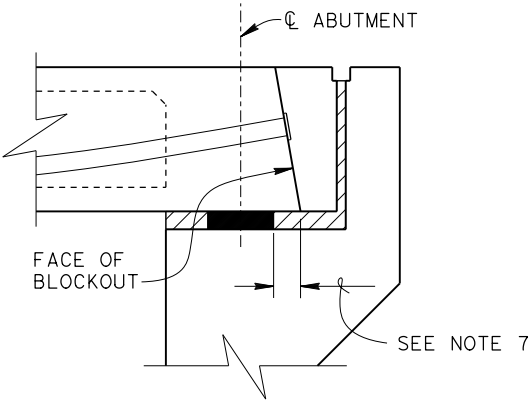
ELASTOMERIC BEARING DETAIL

STEEL REINFORCED BEARING TABLE								
Location	Maximum* Vertical Load (kips)	Minimum* Vertical Load (kips)	Maximum* Horizontal Load (kips)	B (inch)	L (inch)	Elastomer only Thickness (inch)	Total Bearing Thickness (inch)	Sliding Yes/No

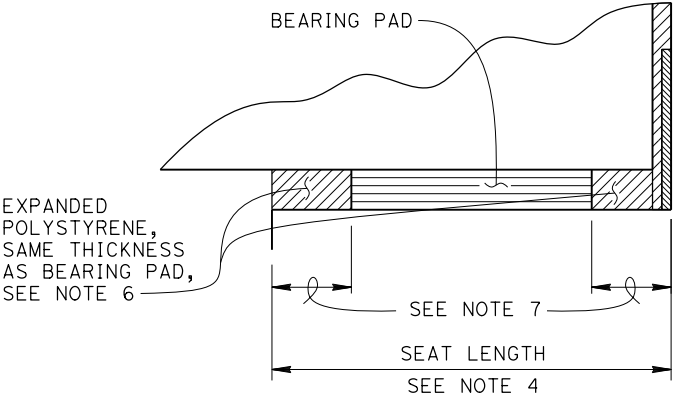
* Loads given per bearing



SLIDING BEARING DETAIL



SECTION A-A



BEARING PLACEMENT DETAIL

- NOTES:
- Bearing pads shall be set level.
 - No anchor rods through elastomeric bearings.
 - All edges of the bearing steel plates shall be ground or otherwise treated so that no sharp edges remain.
 - Seat length normal to the center line of the bearing shall not be less than 30 inches.
 - Maximum horizontal bearing dimension is 30 inches.
 - Remove expanded polystyrene from at least two bearing sides.
 - Minimum edge distance shall be equal to the actual bearing thickness or 3 inches, whichever is greater.
 - The "SLIDING BEARING DETAIL" shall not be used for precast or steel girders.

NO SCALE