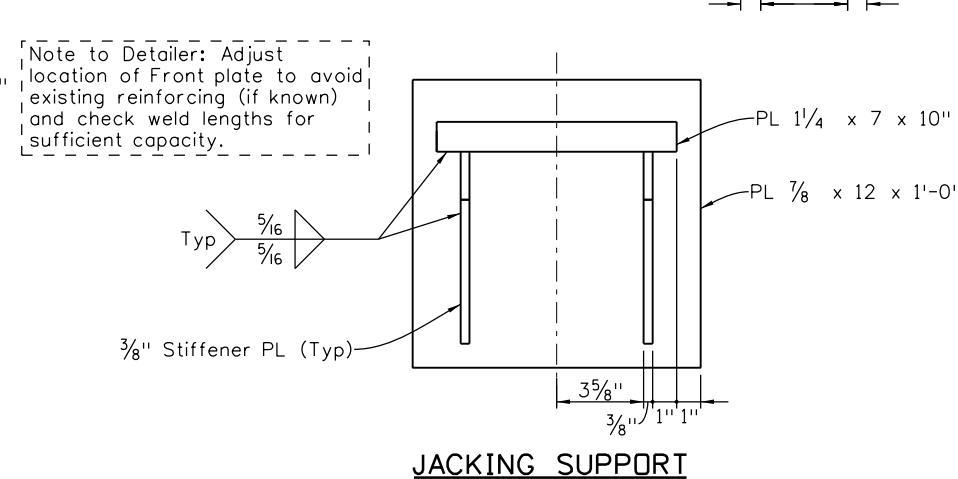


| INITIALS | DESIGN | DATE | DETAIL | DATE | QUANTITY | DATE |
|------------|--------|------|--------|------|----------|------|
| By | | | | | | |
| Checked By | | | | | | |



1. Remove loose concrete and clean reinforcing steel.
2. Bolt the form in place and restore the pier cap to its original section using an approved grout (Duracal, etc).
3. Allow curing time as recommended by the Manufacturer before removing the form.
4. Locate and mark centerline of the girder on the pier cap.
5. Mark location of bolt holes on pier cap, see elevation view and section.
6. Drill holes in the pier cap and place bolts.
7. Cut holes in plywood form to match bolt holes in the pier cap.
8. Using the form for a pattern, cut the bolt holes in the front plate.
9. Attach plates and tighten bolts (100 Lb-Ft torque).
10. Raise the support assembly until the elastomeric pad is compressed $\frac{1}{16}$ " (200 psi x pad area = Jacking Force).
11. Field weld the support assembly to the front plate.
12. Paint all steel as directed by the Engineer.

NOTE TO DESIGNER/DETAILER:

Where one size or dimension is shown, it is good for all designs up to 95 feet.

Where three sizes or dimensions are shown -

No asterisk, For structures with span lengths up to 50 feet
(girder working stress reaction = 107 Kip).

* For structures with span lengths up to 80 feet
(girder working stress reaction = 154 Kip).

** For structures with span lengths up to 95 feet
(girder working stress reaction = 175 Kip).

Delete as needed for your design.

| | | | | | | | | | | | | |
|---|--|----------------------|-----------------|----------|-------|---|----------------|----------------------------------|---------------------------|---------|--------------|------------------|
| 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 REPAIR DETAILS | | | | Project No./Code |
| | File Name: Sheet_B-509-2B.dgn | | Date: | Comments | Init. | | No Revisions: | 107-175 KIP THROUGH BOLTS | | | | Project Number |
| | Horiz. Scale: None Vert. Scale: As Noted | <input type="text"/> | | | | | Revised: | Designer: XXXXXXXX | Structure Numbers | X-XX-XX | Code | |
| | Unit Information Unit Leader Initials | <input type="text"/> | | | | | | Detailler: XXXXXXXX | | X-XX-XX | | |
| | | <input type="text"/> | | | | | Void: | Sheet Subset: BRIDGE | Subset Sheets: BXX of XXX | | Sheet Number | |
| | | <input type="text"/> | | | | | | | | | | |
| | | | | | | Initials | | | | | | |