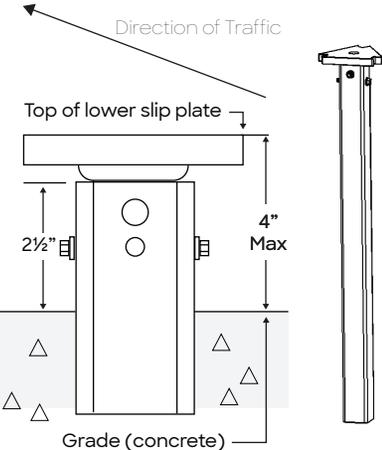


**Part List**

A1: Heavy Duty Anchor		
Item	Qty	Description
A1	1	Anchor for Slip Base Bottom w/Stem
A2: Lower Slip Plate Sub-Assembly		
Item	Qty	Description
A2	1	Anchor for Slip Base Bottom w/Stem
A3	2	3/8"-16 Gr. 8 Flanged Shoulder Bolt
A4	2	3/8"-16 Gr. 8 Serrated Flange Nut
B: Redi-Torque Match Plate Hardware		
Item	Qty	Description
B1	3	1/2"-13 x3" Gr. 8 Redi-Torque Bolt
B2	6	3/8" U.S.S. Flat Washer
B3	3	3/16" thick, Teflon Coated Slip Washer
B4	3	1/2"-13 Gr. 8 large diameter Flange Nut
C: Upper Slip Plate Sub-Assembly		
Item	Qty	Description
C	1	Top Receiver for Square Sign Support
C1	1	Square Sign Support locking Wedge

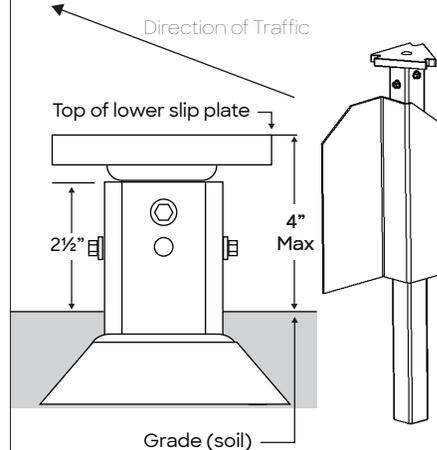
- Up to a maximum of three Slip Bases may be installed within a seven foot span.
- For additional windload capability, a post of the next size smaller may be inserted into the square Telespar sign support a minimum of four feet at the bottom of the support.

**Concrete Installation Detail**



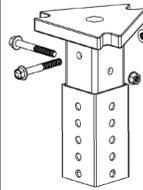
**Note:** Recommended footing size a minimum of 12" in diameter and 30" deep.

**Direct Driven Soil Installation Detail**



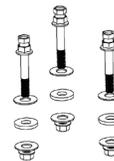
**Note:** Reinstall with the widest bearing surface of the stabilizing wing parallel with the face of the sign.

**Step A**



- Install appropriate Heavy Duty Anchor (A1) plumb & squared up with road.
- Depth of embedment to leave 1/2" (±1/4") from grade to top of Anchor.
  - Note:** For soil or concrete installation options, see details at lower left.
  - Note:** If installing in concrete, auger the footing hole shallow enough to be able to drive 3-4 inches. Of anchor (A1) into the bottom of the hole. This will help stabilize the unit of concrete is being poured and cured while also allowing for proper drainage.
  - Note:** On multi-leg installations, be sure that all anchors are squared & lined up with each other.
- Insert stem of bottom subassembly (A2) into anchor (A1) correctly indexed so that point of triangular slip plate is facing on coming traffic.
- Insert both shoulder bolts (A3) so that top bolt is parallel with and the bottom bolt is perpendicular to traffic. Finally tighten both flange nuts (A4) on both shoulder bolts (A3). **Torque nuts as tight as possible.**

**Step B**



- Place one each teflon coated Slip washer (B3) on top of lower slip plate (A2) at each notched point with open end of slot facing center of triangle slip plate. Leave enough room between the closed ends of the slot/notch to allow 1/2 Redi-Torque bolt (B1) to pass through.
- Place upper slip plate (C) onto the three slip washers (B3) properly indexed so that square post receiver portion is squared up with road.
- Slide one each 3/8" flat washer (B2) on to each Redi-Torque Bolt (B1) then insert bolt (B1) with washer (B2) down through notched points of upper slip plate (C), slot of slip washer (B3) and notched point of Lower Slip Plate (A2).
- Slide one each 3/8" flat washer (B2) up on exposed thread of each bolt (B1) followed by threading one each 1/2" Flange Nut (B4) on each Bolt (B1) one half turn pastfinger tight.
  - Note:** When tightening bolts during this step use the 3/4" (larger) hex and NOT the 3/16" (smaller) hex.

**Step C**



- Insert Square Sign Support into Upper Slip Plate (C) receiver until support bottoms out.
- With a hand held hammer, drive the square sign support Locking Wedge (C1) into the Upper Slip Plate (C) receiver at the pre-determined corner, marked by a 1/4" notch. (The Locking Wedge does not need to be driven flush with top of Upper Slip plate receiver)
  - \*SHIMMING:** Before moving on to step 3, check the plumb of the sign support(s). If necessary, 1/8" thick leveling shim(s) may be used at the appropriate point(s) between slip plates. To replumb, loosen Bolt (B1) at desired point enough to lean the Upper Slip Plate (C) back and slide leveling shim into place. Shim(s) should be placed under Teflon Coated Slip Washer. Maximum of 2 each leveling shims per notchedpoint. Shims not included.
- After Locking wedge (C1) is securely in place. Loosen each Bolt (B1) and Nut (B4), one at a time, then retighten each Bolt (B1). Using the 3/16" (smaller) hex, until the 3/16" hex head twists off from the 3/4" hex head. This will set the proper torque level.

**Reinstallation Procedure:**

- Note:** All match plate hardware components are generally reusable except the torque bolts
- Remove sign support Locking wedge (C1) from Upper Slip Plate (C) receiver with a hand held hammer.
  - Place Upper Slip Plate (C) on Lower Slip Plate (A2) to check for warpage and level of slip plates.
  - Visually check all welds and castings for fractures or other damage.
  - When assured both Lower Slip Plate (A2) and Upper Slip Plate (C) are reusable employ new or reused hardware (B) with Torque Bolts (B1) then follow installation procedures, starting with Step B

