

1. Objective and Scope

To describe how to correctly install Saferoads Snaploc Bridge Mounts.

2. Safety: Working on or beside a roadway is inherently dangerous.

3. Personal protective equipment (PPE)

The following is mandatory PPE.



Safety Boots (steel capped) with rubber soles.



Eye and hearing protection is compulsory



Use a dust mask when using compressed air for blowing drilled holes



Hi-Viz must be worn when installing product



Gloves must be worn when installing product



Hi-Viz Protective Clothing is to be worn

4. Equipment Required

- Compressor with air nozzle
- Epoxy and gun (refer SDS)
- Hammer drill and bits
- Small hand tools
- Industrial vacuum cleaner
- Generator
- Traffic Mngt Equipment (if required)

5. Qualifications and Competencies




- Safe use of hand tools;
- Manual handling; and Road traffic management.






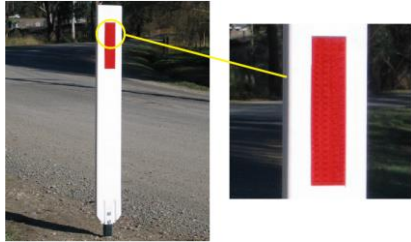
6. Documentation and Setup

- Ensure that the selected installer provides a copy of Public Liability Insurance, Workcover, SWMS and plant service records. (No documentation - no job).
- Contact Dial before you Dig; if required
- Ensure you are at the correct location and set up traffic control is to Australian Standards, or as advised and required by the client.



7. Installation

Step 1 – Identify right location	Step 2 – Marking	Step 3 – Drilling
		
<p>Ensure that you are in the right location for the installation.</p>	<p>Place base down to mark location of holes using the approach and departure as the locations for the coach bolts</p>	<p>Drill the 2 holes to a depth of 100mm</p>

Step 4 – Air	Step 5 – Epoxy	Step 6 – Nylon plug
		
<p>Using an air compressor blow out the dust and loose material in the holes.</p>	<p>Using epoxy and caulk gun, insert nozzle into each hole and insert epoxy. Saferoads recommends 3 caulks per hole.</p> <p>Note: the epoxy dries quickly in warm weather so it is important to cap the nozzle with cling wrap between uses to prevent it from drying hard inside the nozzle.</p>	<p>Insert the nylon plug into each hole using a hammer.</p> <p>Note: be careful of splatter of any excess epoxy when hammering. Be sure you are wearing all PPE including safety glasses</p>
Step 7 – Fastening	Step 8 – Lubricant	Step 9 – Delineator orientation
		
<p>Place the Bridge Mount over the holes and insert the 120mm Coach bolts with flat washer. Using the Ratchet and Socket screw down until firm against the base.</p>	<p>Spray with a little RP7 type lubricant to allow it to easily slip into the ground socket.</p>	<p>Ensure that you have post delineator facing the correct direction to the oncoming traffic.</p>
Step 7 – Fastening	Step 8 – Final checks, housekeeping and clean worksite	
<p>Place the post hinge into the centre of the base and by pushing down on the top of post to insert the post into the base down to the level indicators; and</p> <p>The final step in the installation process is to bend the post both forward and backwards to the ground to pretension the hinge.</p>	<ul style="list-style-type: none"> • Sweep any excess dirt or debris from the site and collect any left-over parts • Housekeeping practices adhered to and worksite is left clean and safe; • Items have been fitted correctly and safely. • Workmanship is to specification; • Materials quality is acceptable; • Unused materials are removed; and • Quality checks performed. • Surrounds are restored to prior condition; and • No spillage and/or damage to any soil, habitat, atmosphere or drainage. 	



SOP – INSSOP032 - Installation of SnapLoc Bridge Mounts

Rev 2 (22/11/2023) – Owner: Chief Operating Officer



ROAD SAFETY RENTAL

SOP REVISION UPDATES

SOP Amendment Level

Rev #	Date	Comment
8	22/11/2023	a. PPE Icons updated – No Revision change
2	10/05/2022	a. Review by Manager – Supply, Safety and Systems – No Revision change (format only)
2	20/10/2020	b. New Format
