

Installing a Secondary Conduit Sweep into a Secondary Enclosure – Video Transcript

Welcome to our Construction, Safety and Inspection Preparation Series. Our goal is to help you pass inspections and keep everyone safe. Today we will be learning how to install a secondary sweep into a secondary enclosure. Before we start, remember safety is our top priority. Make sure you have the right gear: gloves, hardhat, safety glasses, flame resistant clothing, vest and boots.

Ensure you call 811 before you dig. Additionally, check your shoring requirements. These steps will help protect you and ensure the job gets done right. Verify standards and your installation process at your pre-construction meeting. As a reminder, you will need to slope your trench to reach the minimum depth required for the sweep. With the trench prepared, we can start placing the conduit.

We'll use a sweep conduit with a bell end. Apply glue and connect the bell end to the straight conduit. You can use stakes to position your conduit and hold it in place. It is important that all conduits are on the same side of the enclosure and enter between 1.5 and 2.5 inches above the base of the enclosure.

Be sure to install any bells on all conduits to protect them. Then you can backfill in accordance with PG&E standards. You can now place your enclosure on top of the backfill and align it with your conduit. Keeping the conduit on one side, ensure the top of your enclosure is flush with the final grade. Install PG&E approved 2,500 pound pull tape and schedule your inspection.

An inspector will perform the inspection alongside you and verify your conduit installation. Thank you for practicing good safety and investing time to do the work right. Always check the latest standards and visit the PG&E Project Resources website for more details and to schedule your inspections.