

Measuring Trench Depth for 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 measure trench depth for 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 trench depth standards at your pre-construction meeting. Depth must consider all other underground facilities, and keep in mind you will need to slope your trench to reach the minimum depth required for the sweep and enclosure.

To measure the depth needed, start from the final grade. Account for the full enclosure height. Add the radius and height of the conduit sweep. Subtract about two inches for the sweep entrance into the enclosure and add the sand bed if required. Total these measurements for your final depth. Typically, at a sweep point, you will have already met your minimum required cover depth, but don't forget to check you have maintained adequate cover throughout your entire trench.

Now that your trench is prepared, you can call to schedule your trench inspection.

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.