

80SW Installation Guidelines



The following guideline is provided to assist in the retrofit installation of 80SW Replacement Sidewall.

Please read through the guideline & all drawings in entirety before beginning the installation.

Site Preparation: Using barricades, cones or other means; block off work area to pedestrian and vehicle traffic during installation process. Be certain that safety guidelines are followed according to government or other regulatory standards.

Required Materials: Installation of the 80SW requires the 80SW and its included hardware. Excavating tools such as a shovel will be required. Also needed are a hand grinder with a masonry blade, a hammer drill with 3/8" masonry drill and 3/8" wrenches.

Remove Existing Covers from the Trench.

Excavate Backfill: Excavate the backfill along the broken sidewall of the existing channel. Ensure that the excavation allows clearance for the new "L" shaped 80SW to be placed as shown in the Concast drawing.

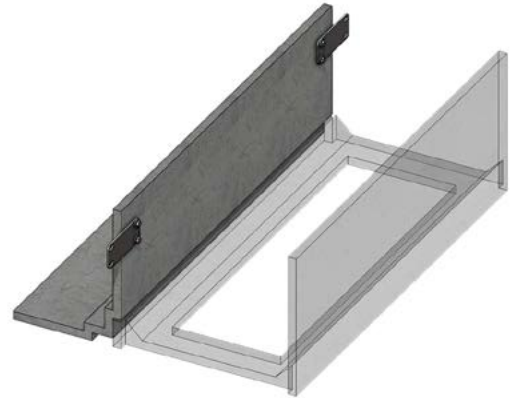
Move Cables: Move cables within the trench away from the inside wall to prevent damage. It is recommended to place a plywood or similar barrier between the inside wall and the cable within the trench channel to prevent damage to the cable during sidewall replacement.

Cut the Broken Sidewall: Using a grinder or saw with a masonry blade, cut the broken sidewall horizontally 2" above the inside floor of the channel (3" from the outside bottom of the channel). This will be at the top of the chamfered section that connects the sidewall to the channel base.

Remove the Broken Sidewall.

Prepare the Excavated Area: Ensure that the excavated area offers a level compacted area for the new 80SW sidewall to rest.

Place New Sidewall: Adjustments to the bedding area should be made to ensure the top of the new sidewall lines up with existing adjacent sidewalls.



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Mark & Drill the Holes: Using the 80SW-BP Bolt Plate as a template, mark the location on each end for drilling the mounting holes. Drill 3/8" holes with a masonry bit.

Bolt the Sidewall: Bolt the 80SW-BP in place on each end using the provided hardware.

Place the Covers Back onto the Trench: Do this before backfilling.

Backfill: Backfill along the new sidewall using the material that was excavated in the previous steps and compact with hand tools only. Do not use mechanical compaction.



Clean up the workspace.

*If you have questions, you can contact a member of our quality control team * qc@concastinc.com * 507-732-4095*



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Created 5/28/2025

