

**MANHOLE REHABILITATION** By Craig Mandli**EPOXY AND ADHESIVE PROVIDE
TRANSITION BETWEEN T-LOCK
AND CONCRETE MANHOLE****PROBLEM:**

Two manholes at the Los Angeles County Sanitation District's Joint Outfall "G," Unit 9 Trunk Sewer Rehab Phase 4 Project required epoxy coating of the base/bench with a reliable connection to the previously installed T-Lock PVC liner. Standard epoxy resins couldn't be used, as they don't adhere to PVC materials.

SOLUTION:

Neopoxy International recommended using a combination of solvent-free PVC adhesive/primer and hand-applied **epoxy resin NPR-5305**. Sancon Engineering applied a 1-inch-wide strip of PVC adhesive on the low edge of the T-Lock sheet. The next day, benches were coated with high-strength, corrosion-resistant epoxy NPR-5305, overlapping the PVC adhesive strip. The epoxy coating bridged the PVC material with the concrete manhole floor.

Result: The combination of PVC adhesive and NPR-5305 epoxy resin created a reliable transition between the PVC material and the concrete structure.

510-782-1290; www.neopoxy.us

