

Job Site Report

16" Directional Bore

Nor'Easter no match for Dirax

Winter arrived early with a Nor'Easter that dropped mild fall weather into the teens for over five consecutive days along with accumulating snowfalls. This early snowfall and frigid temperatures caught many construction crews out in the cold but dead lines had to be met despite Mother Nature.

The contractor had started the girth weld coatings with a liquid epoxy system and started boring the hole. The project consisted of 3200' x 16" for several bores. The liquid epoxy system created application problems where it was taking almost 2 days to cure in heated tents.

Additionally, final holiday testing showed pinhole holidays and the second layer of epoxy delaminated from the initial layer creating concern whether or not they could get all the joints coated and ready to go in 6 days.

The Gas Utility made the decision to utilize Covalence's Dirax sleeves in order to meet the construction dead line. The Dirax Sleeves were provided and field assistance within two days of notification. The liquid epoxy system was easily stripped with torches and putty knives. Once the surface preparation was completed, the Dirax was applied in less than twenty minutes and thirty minutes later the Dirax was ready for the directional bore. Construction is now back-on schedule. During this process ambient temperatures did not get above freezing.



Job Site Overview



Application of Dirax Sleeve



Removal of Liquid Epoxy System