

TRI-LOC CASE STUDY

Summer 2018



Trinity Products' Weldless Interlock System

PROJECT:

Lake Davis – City of Orlando

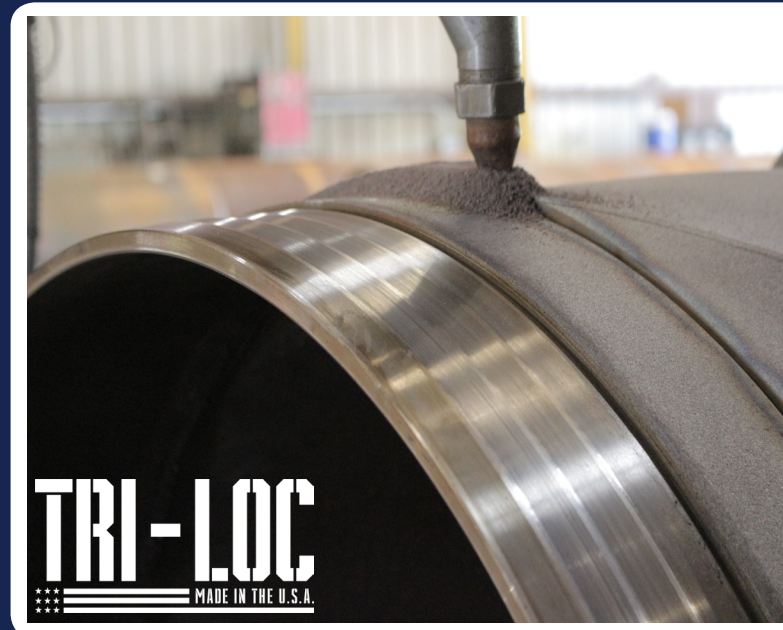
LOCATION: Orlando, FL

OWNER: City of Orlando

CONTRACTOR: Downtown Underground
of Central Florida

SOIL CONDITIONS: Mix of Sand and
Gummy Greenish Clay

SCOPE: Install 110 linear feet of 36" OD
x .500" steel casing pipe near Lake Davis
in central Orlando, Florida in a clay and
sand mix of soil.



RESULTS: The contractor was able to finish the project on time and with minimal issues. Even with the soil conditions being clay and sand, there were no issues with the spiral weld pipe. However, this project proved that the 4-Tooth design was too tight and the 3-tooth design needed to be adopted for auger boring.

TESTIMONIAL: "We are tired of welding and we want a weldless interlock option to be approved so we can use more of it. There is a lot of work to be had in Florida once the weldless joint is approved." - Jason Richards, Downtown Underground of Central Florida, Inc.

PROJECT DETAILS:

- Equipment Used - Michael Byrne Mfg. Boring Machine - 4 Cylinder M_Ax Thrust 500,000 lbs
- Carrier Installed – No carrier installed
- Issues – Had to utilize chains for the first 40' to hold the pipe in place while engaging
- Suggestions – switching to the 3-Tooth design to help alleviate engagement pressures
- Crew had no issues with spiral and said it was not much different than using straight seam