



Claude H.
Nix Construction
Jasco Inc.

THE BEST WORK YOU WILL NEVER SEE



**SOME TRENCHES
WERE JUST NEVER
MEANT TO BE**

PLAIN CITY SANITARY SEWER

Quite often we run into projects that are just tailor-made for trenchless excavation. Anything less than a tunnel bore just won't get it done in these cases.

The reasons vary: Sometimes it's a difficult water table, sometimes it's the soil conditions, or maybe it's the grade.....And sometimes, it's all of the above. This project was one of those cases.

Plain City, Utah needed to extend a sanitary sewage system that would connect two existing manholes that were 330 feet apart. The plan called for a 24" steel casing with a 10" PVC carrier pipe running down the middle of it. The deepest section of the bore was 20' under the surface, but the ground water starting showing up at the 2'mark. It was very clear that the

dewatering effort would be a key task on this job. The soil in the excavation area was sandy, wet and unstable, and the bore grade had to stay dead-on flat. Without a doubt, this project was just plain born to be trenchless.

Before the tunneling effort even started, deep wells had to be drilled along the edges of the main bore path. Dewatering pumps were immediately put into service to try and dry out the saturated area as much as possible. Using a guided augur bore rig, the Nix team precisely punched the steel casing 330 feet through the wet sand and then successfully tied it into the two existing manholes. The carrier pipe was placed and connected, the customer was happy, and another tricky trenchless project went into the books. Just an average success story for the CH Nix team. One of many.....

Do you have a daunting excavation project that was perhaps "born to be trenchless"? Give us a call and we'll custom-design the perfect solution for all your underground challenges.

801-479-9000

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Tunnel Specifications

Diameter	Length	Grade	Ground Conditions	Method	Notes
24" steel casing 10" PVC carrier	330 linear feet	.029%	Wet, sandy, loose soil	Guided Auger Bore	Tunnel Bore was the only option

