



MTA - Purple Line
Bethesda to New Carrollton, MD

WHY THIS PROJECT IS RELEVANT

- Work in Congested Urban Area
- Duct Bank Work
- Cable Installation
- Manhole Installation
- Work on a College Campus
- Hand Digging to Address Existing Utilities

Delivery Method

Bid-Build

Project Size

4", 5", 6" conduits
Pipe lengths up to 200 LF
Depths of installation up to 20'
Installation of 2 manholes

Final Construction Cost

\$4,624,260

Completion Date

December 2021

Reference

Zack Madden

MTA's Purple Line consists of 16-miles of light rail extending through Montgomery and Prince George's counties providing direct connection of the Metro's Red, Green and Orange Lines (including stations at University of Maryland, College Park, Silver Spring, Bethesda and New Carrollton). The project also connects to MARC, Amtrak and local bus services.

Anchor's scope of work includes relocation of conductors, removal of existing underground electric cables/wires and installation of conduits and duct banks at the various locations.

The project required significant planning and flexibility, as the team encountered challenges related to existing utilities and groundwater. To address the challenges, the team utilized various equipment depending on the class of the soil including excavators and trenching/trench boxes. In areas where existing utilities were significant, crews utilized hand digging techniques starting 2 feet on each side of the utility. When groundwater was encountered, the team utilized vac-trucks for removal.

The owner has commended Anchor for its safety program, responsiveness and quality of work throughout the project, and has expanded Anchor scope of work significantly through a time and materials change order. This scope expansion has allowed MTA to reduce the number of contractors originally utilized on the project.