



LOCATION:

Millbrae, CA

This project consisted of installing 140 linear feet of 24-inch OD Sacrificial Steel Casing via microtunnel. The microtunnel was installed beneath the existing concrete lined channel and storm drain/sanitary sewer utilities, providing a minimum depth of cover of 18 feet below the channel bottom, and 10 feet of vertical separation from an existing 33-inch storm drain installed beneath the channel. Shafts for microtunneling were between 32 and 35 feet deep and the microtunnel progressed through primarily favorable soil conditions, consisting of silty sand and clayey sand 25 to 30 feet below beneath the groundwater table. VTS utilized the sacrificial case-and-displace method with steel casing pipe to install the steel gas pipe..

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Vadnais Trenchless Services, Inc. (VTS) is a general engineering contractor that has been operating for over 60 years. We specialize in microtunneling, shoring, and deep concrete caissons and also perform other trenchless services such as earth pressure balance (EPB) tunneling, pilot tube microtunneling and auger boring. VTS prides ourselves in being able to provide the required expertise, equipment and commitment to meet our client's needs.