



## Sewer Line Constructability Review City of Odessa

### CLIENT

City of Odessa

### LOCATION

Odessa, TX

### ROLE

Constructability Review

### COST/SIZE

\$2.5 Million

The City of Odessa retained ECM to complete a constructability review of the drawings and specifications for the Trunk Line P Sewer Line Improvements Project. The objective was to mitigate risk in the form of change orders and time delays, prior to bidding. ECM's services included review of drawings and specifications, quantity take-offs, risk assessment, and recommendations.

The construction of this project was intended to increase conveying capacity of the City's wastewater system. This project will also allow the City to abandon two existing lift stations. Generally, the project includes approximately 30,000 linear feet of new large diameter gravity pipeline, tunneling, dewatering, force main, small gravity sewer pipe, manholes, and demolition.

The knowledge acquired by ECM staff on similar projects over the years was very valuable to the City when reviewing designs. ECM's review comments not only provided design related issues and miscalculated quantities, but it also offered design alternatives to the designer.