

Preston Trails Golf Club Interceptor Relocation

RJN Group, Inc. prepared design plans for the Preston Trails Golf Club Interceptor relocation. The project includes the replacement of an existing 24-inch sanitary sewer interceptor, located in White Rock Creek, with a 30-inch sewer line re-aligned out of the main waterway.



Prior to the final design, RJN thoroughly investigated the project area to determine the best alignment for the new interceptor. Field reconnaissance to take photos, develop alignment maps, and insure trees would be protected, were all part of the work completed to prepare the Preliminary Design Report that was provided to Dallas Water Utilities staff.

The area traversed by the sewer line is extremely “high profile”; meandering through exclusive neighborhoods, heavily wooded conservation areas, and two golf courses. A portion of the relocated sewer will go under a green, and a fairway of the Preston Trails Golf Club. Even though the majority of the new line will be constructed using trenchless methods, RJN coordinated the routing with golf course personnel to insure there would be no disruption to golfers, while providing adequate access to construction areas. In addition, RJN on numerous occasions met with property owners to explain the project, the new alignment, tree protection, and construction methods in order to minimize resistance in acquiring the necessary easements.

Finally, the new sewer interceptor will cross the existing interceptor at several locations. Since the new sewer is at the same elevation as the existing sewer, special provisions to the contract were provided to sequence the construction so that sewer flow would be maintained throughout the duration of the project.

Many of the sewer lines within the Ferris Branch Drainage Area follow creek alignments. RJN clearly has the expertise to develop design plans to relocate sewer lines out of these areas.