



FM 3541 Pavement Rehabilitation Texas Department of Transportation, ELP District

CLIENT

TxDOT

LOCATION

Culberson County, TX

ROLE

CEI Services

COST/SIZE

\$12.3 Million
6 Miles

The FM 3541 Project was designed to accommodate and sustain the increased volume of heavy load traffic resulting from the oil industry in the West Texas Region. This project consists of replacing the existing storm drain structures including reinforced concrete boxes and reinforced concrete pipes. In addition, the roadway rehabilitation consists of the milling of the existing asphalt and replacement with 10-inches of fly-ash treated base and a 2-inch superpave mix riding surface. The challenges peculiar to this project include a rolling terrain, single lane, 2 way traffic operation, high volume of heavy and oversized vehicles. This traffic is being managed by the construction of lateral dirt roads aided by traffic assistance devices. Furthermore, this project is being constructed in nominal 2-mile phases and adjusted as needed depending on the terrain conditions.

ECM responsibilities include on-site laboratory services, daily work observations, record keeping, traffic control, SWPPP compliance, material testing, and QA/QC.