

ROUND ROCK PUBLIC LIBRARY

Round Rock, Texas



COMPLETION DATE

2023

CONSTRUCTION COST

\$21 million (est.)

SERVICES

Structural Engineering

ARCHITECT

PGAL

GENERAL CONTRACTOR

Hensel Phelps

PROJECT DESCRIPTION

RLG Consulting Engineers, in partnership with PGAL Architects, is providing Structural engineering services for the new City of Round Rock Public Library. The 60,000 square-foot library and parking garage will replace the existing 43,000 square-foot library at East Main and Sheppard. The new space will empower the library to expand its services for children, teens, and adults. Additionally, the library will have the ability to introduce new technology, grow its collections, and increase multimedia materials. The expanded space will feature an assortment of meeting and program rooms, with dedicated areas for adult, teen and children's programming; study and collaboration areas; multi-purpose community meeting rooms; and workspace for staff and volunteers.

RLG's team of structural engineers is designing the library's concrete pan beam and post-tensioned girder floor system, which features areas of exposed concrete two-way flat slabs. RLG is also designing concrete transfer girders that allow the building to set back above the second floor. The adjacent parking garage features post-tensioned one-way slabs and girders. Key design features of the library include interior and exterior monumental staircases and a roof eyebrow at front of the building.