

LAKE HIGHLANDS HIGH SCHOOL MAC AND HUB

Dallas, Texas



COMPLETION DATE

2021

CONSTRUCTION COST

\$52 million

SERVICES

Civil Engineering, Survey

ARCHITECT

HKS Inc.

GENERAL CONTRACTOR

Cadence McShane

KEY PERSONNEL

Stephen Schwind, PE
Principal-in-Charge

Brian Wade, LA, RPLS
Survey Manager

Abdullah Emad, PE
Project Manager

Easton Turner
Project Engineer

PROJECT DESCRIPTION

RLG provided Civil Engineering and Survey services for Lake Highlands High School's new Multi-purpose Activity Center (MAC) and HUB connector. This project was completed in three phases and would see the production of the MAC, the HUB, and a new courtyard that connected the two.

Phase one of this build was the MAC which featured an indoor practice football field, a new weight room, and offices for coaches. The courtyard that connected the MAC and HUB proved challenging since the design of the future phase 2 connector had to be considered during the phase 1 MAC because the courtyard tie-ins needed to be consistent with the finished floor elevations.

The HUB features a library, cafeteria, and common spaces for students and faculty to use between classes. This addition required RLG to interconnect two separate storm systems on the upstream side of the HUB. This allows stormwater to flow through one storm system should the other clog, rather than the water backing up into the courtyard or the building.

RLG coordinated with the City of Dallas Public Works, ONCOR, and the Parks Department to grade the north portion of the site and eliminate all site retaining walls along the property line.