



EXCAVATION PROJECT

O'HARE AIRPORT PARKING GARAGE

PROBLEM

Construction of a 6-story parking garage and adjacent to a module block wall on the footprint of an existing parking lot required a skilled excavation company – all of which was complicated by discovery of a live water main and electrical duct bank underneath.

SOLUTION

- » Handheld GPS and careful site review to confirm location of a live water main and electrical dock prior to rerouting
- » Smart, GPS, software-enabled bulldozers and excavators ensured fast and accurate grading and site cuts
- » Careful coordination and timing among electrical, plumbing and construction contractors
- » Background check and security clearances for managing spoils transportation from landside to airside dump site

IMPACT

Streamlined communication and a unique contract model eliminated scope gap concerns for the general contractor and ensured successful navigation of unforeseen challenges and material change orders.



DETAILS

WORK

Demolition, excavation and grading with underground live utility relocation, backfill for footings and installation of a module block wall between the garage and terminal

LOCATION

Chicago O'Hare International Airport, Terminal 5 Parking Garage

BUDGET

\$6.9 Million

OWNER

City of Chicago

GENERAL CONTRACTOR

AECOM Hunt, Clayco & Bowa Construction

