



## ICG Communication Parking Structure

Inverness Drive West  
Englewood, Colorado

The project included the construction of a six level parking structure with two levels below grade and four levels above grade. The construction consisted of a deep pier/grade beam foundation with a slab-on-grade. The slab-on-grade was founded on properly moisture-density treated imported structural fill material, due to the swelling on-site soil conditions. The building was constructed utilizing pre-cast twin tee deck panels and pre-cast structural walls. The exterior was highlighted with a matching pre-cast accent trim. Associated construction included site grading, site utilities, and exterior flatwork.

GROUND provided the construction observation and materials testing services, to support the quality construction of the project. Field and laboratory testing of the soils, concrete masonry units (CMU), reinforcing steel and concrete compressive strength were performed by GROUND Engineering, in our on-site mobile laboratory. All report generation was completed on-site with the use of site computers in our mobile facility. The pre-cast steel was tested and observed utilizing visual and non-destructive test methods. All welds were visually inspected and many were tested utilizing ultrasonic and magnetic particle testing procedures by our staff of certified weld inspectors (CWI).