

EDUCATION

Master of Construction
Engineering Management,
Construction Engineering
and Management, Illinois
Institute of Technology

Bachelor of Architectural
Engineering, Illinois
Institute of Technology

Bachelor of Engineering,
Benedictine University

PROFESSIONAL EXPERIENCE

Civil/Structural Engineer, Kimley-
Horn and Associates, Inc.,
Chicago, IL, 2019 – Present

Senior Associate, CTLGroup,
Skokie, IL, 2000-2019

RYAN ADAMS CIVIL/STRUCTURAL ENGINEER

Ryan has experience with structural and architectural evaluation and repair design for a wide range of projects and infrastructure components. He has been involved in condition assessments of structural and architectural components; troubleshooting and developing solutions for construction problems; developing design details for rehabilitation; and performing on-site observations and construction contract administrative services during restoration projects. For the past 10+ years, Ryan has focused on parking structure consulting, including condition evaluations, repair recommendations, cost estimating, and construction phase services of reinforced concrete, precast/prestressed concrete, and post-tensioned concrete structures.

PROJECT EXPERIENCE

- **Parking Structure Maintenance/Repair Program, Multiple Locations, AL/KS/MO/PA** — Project engineer. Kimley-Horn provides ongoing parking consulting services for CBL & Associates at ten parking structures across five properties. As part of this program, Kimley-Horn has performed condition assessments, budgetary estimates, repair design, and construction phase observations. In addition, each year Kimley-Horn updates work priorities and participates with the Client in budgeting discussions for the next year.
- **Pentagon Centre Parking Structure Rehab, Arlington, VA** — Project engineer. Kimley-Horn provided parking consulting and structural engineering services for the parking structure with approximately 500 mall customer spaces on two elevated levels. Kimley-Horn performed a condition assessment and identified repair priorities over five fiscal years, estimating budgetary repair quantities, and identifying order of magnitude budgetary costs for design and construction of these recommendations. We developed phased repairs for the parking structure including existing waterproofing membrane testing and replacement, reorganizing and routing of existing drive aisles, structural slab repairs, fireproofing repairs, and various replacement of embedded storm drains.
- **Shoppes at Memorial Village Fire Damage Assessment, Houston, TX** — Project engineer. Kimley-Horn performed a condition assessment in a tenant space for Kimco Realty in Houston. The firm was retained to perform an assessment of a tenant space after a fire occurred in the storage room resulting in visible damage to the concrete slab and roof framing. Kimley-Horn provided a report with findings and recommendations for repairs.
- **Structural Condition Assessments, US/Canada** — Project manager. Kimley-Horn performed visual condition assessments at approximately 70 IKEA property locations spanning across the United States and Canada. Our services included on site reviews, prioritizing repairs for a five-year program, estimating budgetary repair quantities, and identifying order of magnitude budgetary costs.
- **Metropolitan Airports Commission (MAC), Silver Ramp Expansion, Minneapolis-St. Paul International Airport (MSP) Terminal 1-Lindbergh, Minneapolis, MN** — Project engineer. In 2016, MAC embarked on a multi-year, multi-project endeavor to transform the public parking, rental car, and transit customer experience at Terminal 1. The Silver Ramp parking expansion program expanded public parking by 5,000 stalls, provided rental car agencies with an expanded facility, and was constructed in the heart of the Terminal 1 campus—one of the busiest terminals in North America. Design and construction required innovation and extensive coordination to allow the structure to be built above an existing Light Rail Transit station, beneath critical airspace, adjacent to existing infrastructure on all sides, and between two heavily traveled roadways providing access to the Terminal.