# **AVIATION SERVICES**





### Some of our Projects:

• Airport Cooperative Research Program / BIM Beyond Design **Guidebook** 

• The Port of Seattle / **BIM Needs Assessment** and BIM Standards

• The Greater Orlando Aviation Authority / BIM Analysis

• The Port Authority of NY & NJ / Conditions Assessments at 3 major Airports (JFK, EWR and LGA)

• Miami International Airport / BIM Standards

• Cleveland Hopkins International Airport / Parking Redeveloping Program

• John Glenn Columbus International Airport / Runway Relocation

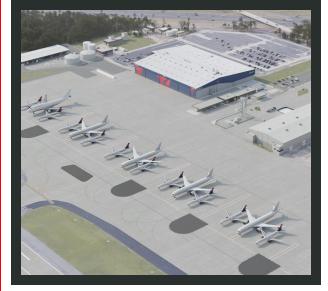
 Memphis International Airport / Design for the EMAS

 Rickenbacker International Airport / Runway Rehabilitation and Modification of Standards (MOS) Phase 2A

• John Glenn Columbus International Airport / Taxiway F & H Rehabilitation

With offices in Ohio, New York, Georgia, and Florida, CCI has a staff of Planners, Project Managers, GIS/BIM Specialists, Inspectors, Programmers and Technicians that have supported over 40 airports in 11 states. CCI provides a wide range of essential airside and landside services to design and construction firms within the aviation industry that include but are not limited to:

- Pavement Evaluation & Design - Runways, Taxiways, Aprons
- Lighting Design - ALSF-2, MALSR, PAPI, REIL
- Grading, Drainage & Utility Design - Pipe / Pressure Networks
  - Environment Design
- SWPPP and SPCC Building Evaluation and Assessment
- Terminal, Boarding Bridges Master Plan / Airport Layout Plan Updates Support
- FAA Grants and PFC's



#### **Technical Writing & Project Support Services:**

- Grant Writing and Research
- Engineering Reports & Cost Estimate Review
- FAA Advisory Circulars and Technical Specifications
- 7460's and Airspace Analysis
- Construction Safety Phasing Plan (CSPP) and Safety Plan Compliance Document (SPCD)

#### **Construction Administration / Construction Inspection (CACI) Services:**

- Construction Scheduling (Primavera)
- Construction Phasing and Constructability
- Change Order / RFI Control
- Pay App Review / Quantity Tracking
- Onsite Inspection & Reporting
- Record Documentation / As-Builts
- Project Commissioning / Close Out
- Project Safety and Risk Management

## **Engineering & Planning Design Support Services:**

- Computer Aided Drafting and Design (CADD) AutoDesk and Bentley Software
- Building Information Modeling (BIM) - Digital Twin, Asset Management
- Geographic Information Systems (GIS) - Custom Website and Interfacing Data
- AviPLAN Airside Pro Modeling
- Visualization Tools
  - Exhibit Preparation
  - Virtual and Augmented Reality (VR & AR)
  - Animations
  - Simulations



CCI is a Woman-Owned Small Business (WOSB) and DBE certified in 16 States and Puerto Rico along with DBE, WBE/FBE, and SBE certified with 41 agencies nationwide, included being an approved GSA supplier.

# Work with us

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