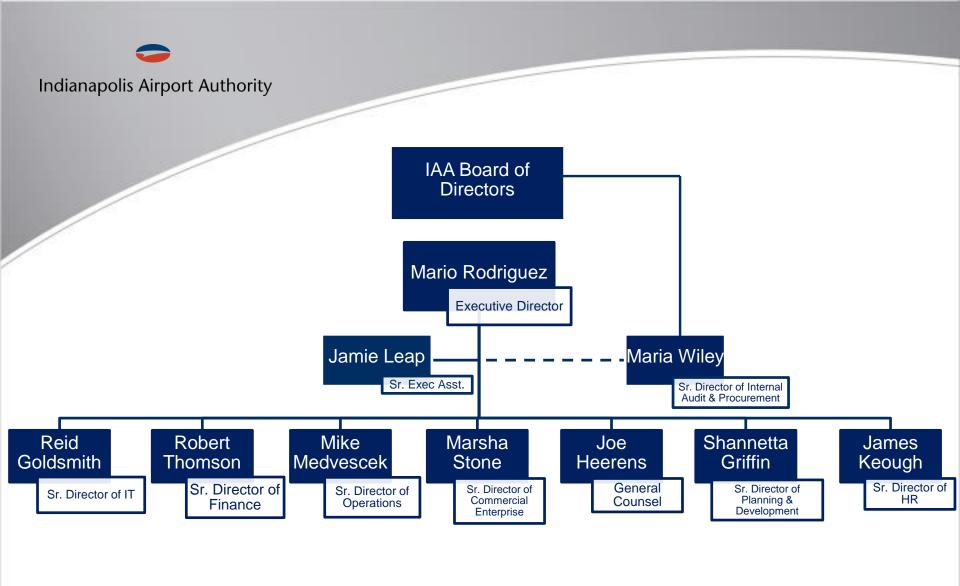


WELCOME!







IAA Planning & Development

- Planning
- Engineering & Design
- Project/Construction Management
- Construction Process Procurement
- Work Permit
- Supplier Diversity
- Environmental Management



Staff Introductions

Shannetta Griffin, P.E., Sr. Director, Planning & Development
Oversees IAA's Engineering, Planning, Environmental and Supplier Diversity Programs

Holli Harrington, Director, Supplier Diversity

Leads IAA's Disadvantaged, Women, Minority and Veterans Business Participation Program

Drew Genneken, *Director, Planning & Project Development*Leads the planning efforts and oversees IAA's Airside Capital Improvement Program

Jarod Klaas, P.E., Director, Engineering
Leads the engineering and technical service activities. Oversees IAA's Landside Capital
Improvement Program

David Roepnack, *Director, Construction*Leads IAA's construction activities and construction permit process

Todd Cavender, *Manager, Environmental*Leads IAA's environmental management and NEPA compliance efforts



Staff Introductions

Project Managers

Brian McMillen
Charles Bischoff
Jim Cates
Neal Jenkins

Inspectors

Robert Jones Harry Kidd

Executive Assistant

Andrea Catt

Sr. Administrative Assistant

Katie Adkins

Contracts and Grant

Coordinator

Angie Tromp

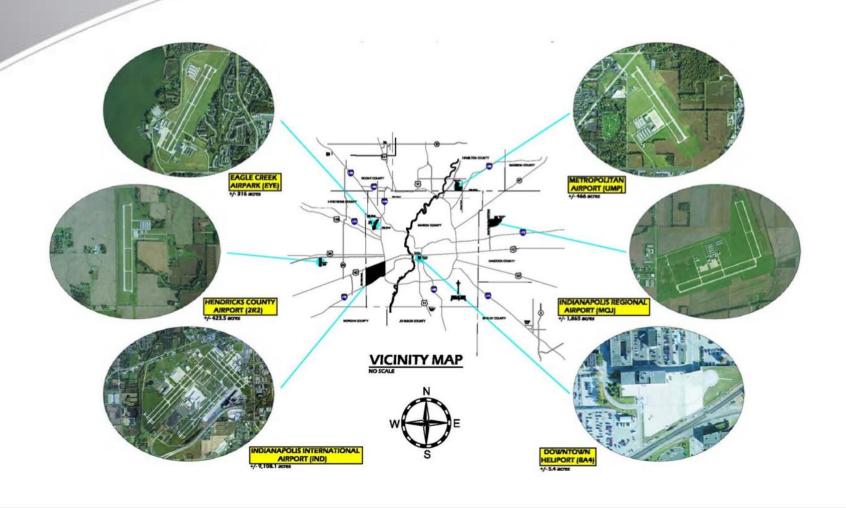
Environmental Specialists

Del Warren

George Kestler



IAA Airport System





Construction Trades used on IAA Projects

Grading

General Earth Work

Asphalt

Concrete

Building Construction

Electrical

Mechanical

Roofing

Fencing

Utilities

Maintenance of Traffic in Support of Construction

Plumbing

Miscellaneous





Project Success

Elements of a Successful Project

- Contractor ready to promptly begin work after Notice to Proceed (NTP)Realistic, achievable schedule submitted and then executed
 - Shop drawings and submittals in a timely manner especially long lead items
 - Complete, SATISFACTORY QUALITY CONTROL PROGRAM
- Contractor accounts for weather as specified in construction documents to complete project on time
- No assumptions, use Request for Information (RFI) to have questions addressed
- Thorough, complete documentation provided with invoices, requests for change, change orders, daily reports, etc.
- Certified payrolls submitted timely when there are wage rates
- Quality work product per construction documents



Project Security at IND

For work in Secured Areas

- A limited number of construction employees may be badged to act as security supervisors.
- These badged employees may be used in place of Owner Approved Security Firm personnel for security supervision as Crew or Area Guards.
- Crew and Area Guards full attention must be on security supervision, they will not be allowed to do production work while acting as a security supervisor.
- Owner Approved Security Firm personnel must still be used as Gate Guards, Escort Vehicle Drivers and Flagpersons.



Project Security

Badging

- Badging costs are the responsibility of contractor, \$50 per person.
- Individual must be able to pass a 10-year fingerprint Criminal History Records Check, a Security Threat Assessment and security training before a badge can be issued.
- Badging process normally takes about 3-5 working days.
- Badges will be valid until the completion of individual projects and must be forfeited upon project completion or earlier at the request of the Airport Security Coordinator (ASC).
- One company employee to act as Signatory for company and be badged first.



Project Security

Escorting

- Badged construction employees will only be allowed to provide security supervision of persons directly employed by the contractor or a subcontractor utilized for the specific job.
- All escorts must comply with the following requirements of Section 900 of the IAA Airport Security Program:
 - Properly badged individuals are permitted to escort up to six (6) unbadged personnel at one time within the work zone within 500 feet line of sight of escort.
 - The escort must maintain positive control of all personnel under their supervision, including continuous visual contact, and will ensure that the escorted individual engages only in those activities for which escorted access was granted.
 - The escort must be able to immediately contact the AOC at 487-5089.



Project Security

Project Security Requirements

- Carefully review plans for security requirements.
- Contractor responsibility to meet the project security requirements.
- Security requirements to be reviewed 24 hours in advance or work with Project Inspector or Project Manager as advised at the project kick off meeting.

Relievers Airports

 No security escorts needed, gates must be locked or manned.



IAA Approved Security Firms

Securatex

Jason Jones 317.916.2285

jjones@securatex.com

Securitas

Ben Marth (317) 260-6267

Benjamin.marth@securitasinc.com

Protection Plus

Raymond Stanley 317-244-7569

rstanley@protectionplus.net

American Global Management

Henry Maye 317.225.7801

henry@americanglobalmgmt.com



How Construction is Procured

Construction (Public Works IC 36-1-12)

- Competitive sealed bid (project construction cost ≥ \$100,000)
- Competitive sealed quote (project construction cost < \$100,000)
- Lowest Responsible
- Competitive proposal (detailed specifications not feasible) (IC 5-22-9)



IAA's Capital Project Process

- Project must be in the approved capital budget
 - Capital budget process starts in March for following year
 - City-County Council approves budget in October
- Typical funding sources for capital projects
 - Airport cash, from airport revenues
 - Airport Improvement Program (AIP) federal grant funds
- Airport Capital Improvement Program (ACIP) is submitted to the Indiana Department of Transportation each February with the next five (5) years of grant requests

Capital budget is a living document and guides all capital projects.



Construction Financial Requirements

Bid Guaranty – Bid bond or certified check of 5% of bid amount provided by prime

Held until contract awarded by IAA Board

Performance and Payment Bonds - 100% of contract

- Performance for work
- Payment for payments to subcontractors and suppliers

Retainage - 5%

- Held if more than one payment for the project
- If project less than \$200,000 held by IAA. IAA does not pay interest.
- If project is more than \$200,000 held in bank escrow account or by IAA at contractor's request. IAA does not pay interest.



Construction Insurance Requirements

Workers Compensation per State Requirements

At Indianapolis International Airport

- \$10 million liability insurance for airfield work
- \$5 million liability insurance for landside work

At the Reliever Airports

• \$5 million liability insurance



Pre-Construction Meetings

Project Manager Schedules After Contract is Executed by IAA Board

Documentation Needed at Meeting or Before

- Initial project schedule (within 10 days of executed contract)
- Schedule of values in Excel format
- Supplier A&B Forms for Prime and D/M/W/VBE Subcontractors
- Contractor emergency contact list (24/7)
- Escrow/Retainage letter identifying where retainage is to be held
- Encompass (electronic project manager) enrollment form
- Work Permit Application with certificate of insurance and safety/security plan



Environmental Considerations

All IAA Facilities

- Erosion Control/Pollution Runoff
- Spill Prevention and Control
- Waste Management/Disposal
- Recycling/Reuse
- Project-Specific Permit Requirements
- Sustainable initiatives



Work Permit

- Submit at least 2 weeks prior to anticipated start.
- No work can be started prior to work permit being submitted and approved!
- Documentation needed for Work Permit
 - Completed work permit application
 - Certificate of Insurance with IAA as additional insured on liability coverage
 - Security plan if in secured area
 - Written confirmation of utility locates, public, IAA and FAA
 - Project description
 - Project start and completion dates
 - Name, address, and phone number of contact person
 - Estimated cost of work



Work Permit

- Work permit is in addition to any and all other required permits, licenses, certificates, etc.
- Plans & Specs



Materials Testing

Activities During Construction

- Testing requirements vary by project
- Testing requirements identified in specifications
- FAA and INDOT specifications and pay requirements vary,
 READ the SPECIFICATIONS
- Contractor hires and manages quality control testing
 - Copy of results provided to IAA
- IAA hires and coordinates Quality Assurance Testing
 - Copy of results can be available to contractor upon request



Project Closeout

Closeout Documents

- Final inspection/punch list complete
- Security badges returned (if applicable)
- Written One (1) Year Warranty (unless otherwise specified)
- As-Built Drawings received by IAA
- Operation/Equipment Manuals provided to IAA (if applicable)
- Written request for release of retainage
- XBE Subcontractor Utilization Report complete
- Final Waiver of Lien letters received
- Payrolls reports including subcontractors received



DBE/MBE/WBE/VBE Program

("XBE" Program)

Current Overall IAA Goals:

Disadvantaged Minority/Women/Veteran	14%	15%	10%	3%	28%
Business Enterprises	DBE	MBE	WBE	VBE	Overall Participation

- Federally funded vs. non federally funded projects relative to DBE's
- Goals adjusted dependent on the scope of each project and based on relative availability
- Good Faith Efforts Requirements
- DMWVBE participation monitored throughout project
- Leverage outreach and advocacy opportunities
- IAA Certification Requirements



Supplier Diversity Finding a Team

- Make connections at the outreach and advocacy events
- Become familiar with projects of interest
- Attend project pre-proposal meetings
- Utilize the pre-proposal sign-in sheet posted to the IAA website to identify interested firms
- Reach out to potential team members
- Reach out to IAA Planning and Development Staff
- Use supplierdiversity.ind.com website to find certification requirements and certified firms



All solicitations posted on IAA Website, www.indianapolisairport.com www.supplierdiversity.ind.com

Select 'Employment and Business' on the top menu then 'Business Opportunities' on the left menu.

Projects that are bid are also advertised two times in the Indianapolis Star newspaper and once in the Court & Commercial Record or Indianapolis Recorder.

Where to Watch



To view open, pending, and awarded business opportunities (PDFs), please use the tool below.





Facebook and Twitter Alerts

Want to be notified of new opportunities? Follow us!

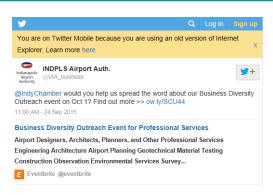
www.facebook.com/IndianapolisAirportAuthority



www.twitter.com/IAA business







Notice: Please be advised that individuals interested in receiving information about potential business opportunities with the Indianapolis Airport Authority ("IAA") regarding employment opportunities, bid packages, Requests for Proposals and all other opportunities related to public procurement, should refer to IAA's social media pages solely as a supplement to, and not as a substitute for, the IAA's official procurement site, which is www.indianapolisairport.com.



Facts

- General aviation reliever airport
- Southern Hamilton County
- Runway 15-33 is 3,850' x 100'
- 43,000 annual operations
- <100 Based aircraft
- Critical aircraft: turbo prop/ business jet

Potential 2016 Construction Projects

- Rehabilitate Apron
- Replace Airfield Lighting

Indianapolis Metropolitan Airport





INDIANAPOLIS REGIONAL AIRPORT

Facts

- General aviation reliever airport
- Western Hancock County
- Runway 7-25 is 5,500' x 100'
 Runway 16-34 is 3,901' x 75'
- 40,000 annual operations
- 125 Based aircraft
- Critical aircraft: medium business jet

Potential 2016 Construction Projects

- Runway 16-34 Joint Replacement and Repairs
- Replace Lighting on Runway 16-34





Facts

- General aviation reliever airport
- Located northwest Marion County
- Runway 3-21 is 4,200' by 75'
- 35,000 annual operations
- <120 Based aircraft
- Critical aircraft: turbo prop and small business jet

Potential 2016 Construction Projects

- Hangar Demolition
- Rehabilitate and Shift Taxiway 'B'

Eagle Creek Airpark





Facts

- General aviation airport
- Eastern Hendricks County
- Runway 18-36 is 4,400' by 100'
- 17,000 annual operations
- 44 Based aircraft
- Critical aircraft: turbo prop
- Opened in 2000

Potential 2016 Construction Projects

Upgrade Utility Infrastructure

Hendricks County Airport Gordon Graham Field





Indianapolis International Airport

Facts

- ACI 'BEST AIRPORT' (4 out of 5 Yrs)
- 2nd Largest Cargo Hub,
 8th Largest in the World
- 7.3 Million Passengers (2014)
- \$4.5 Billion Economic Impact
- 135 Flts a Day to
 44 Non-Stop Destinations
- Runway 5L/23R (11,200' x 150')
- Runway 5R/23L (10,000' x 150')
- Runway 14/32 (7,280' x 150')





Potential IND Projects

Potential 2016 Construction Projects

- Taxiway 'H', 'H1', 'H2' Pavement and Lighting Rehabilitation
- High Speed Exit Construction with LED Lighting
- Rehabilitation of Taxiway 'C' and Shoulders, and LED Lighting
- Conversion of N. Access Road to New Tug Road, Construct New Service Road
- Airfield Maintenance Facility and SRE Storage Site Development

- Terminal Apron Joint Repairs
- Rehabilitation of Taxiway 'B' and LED Lighting
- Airport Road Rehabilitations (annual)
- Roof Repairs and Utility Corridor (IMC)
- Terminal Bird Deterrent System
- Campus Fiber Optic Repair and Development
- Garage Improvements (annual)



Capital Program Overview

Potential 2016 Construction Projects

- 5 Miles of 2-Lane Road Rehabilitation
- 1,000 LED Taxiway Edge Lights
- 50,000 LF of Runway and Taxiway Pavement Markings
- 224,000 SF of New Taxiway
- 1.6 Million SF of Airfield Pavement Rehabilitation
- \$54 Million in Construction over the next 18 24 months



Panel Discussion





Questions

