AASHTOWare Project™ Software Update

August 15, 2017
Jim Johnson
AASHTOWare Project Business Manager
What Is AASHTOWare Project?

• Enterprise-wide web-based software
• Manages information throughout the entire contract and construction lifecycle
• Includes cost estimation, proposal preparation, bid-letting, construction and materials management, and historical data collection & analysis
• Creates an integrated view of the contract process throughout each phase
• Provides mobile solutions for the field
• Supports access for external partners
AASHTOWare Project Benefits

• Off-the-shelf with configurable features providing a modular or complete “life cycle” solution
• License fees provide maintenance, support, and enhancements to keep system current with technology and functional requirements
• User group of AASHTO member agencies results in sharing of solutions and costs
• Daily communications
  – E-mail lists
    • Sharing ideas and solutions
    • Getting answers to resolve problems
AASHTOWare Project: An Enterprise Solution

UNIFIED DATABASE

- AASHTOWare Project BAMS/DSS™
- AASHTOWare Project Construction & Materials™
- AASHTOWare Project Civil Rights & Labor™
- AASHTOWare Project Estimation™
- AASHTOWare Project Preconstruction™

aashtoware.org
AASHTOWare Project Preconstruction™

- Manages project information
- Track funding and costs information
- Checking and verification of bids
- Reporting
- Bids
  - Letting
  - Summary
  - Analysis
AASHTOWare Project Bids™

- Streamlines the bidding process
- Electronic bids
  - Publishing
  - Submitting
- Digital certification to sign bids
- Linked to AASHTOWare Project Preconstruction
AASHTOWare Project Civil Rights & Labor™

• Federal and state requirements
  • Good Faith Efforts
  • Equal Employment Opportunity
  • Affirmative Action
  • DBE/MBE/WBE certifications
• Payroll
• Reporting
• Info Tech® Field Interviewer™ mobile app
AASHTOWare Project Construction & Materials™

- Covers the complete construction and materials management process
- AASHTOWare Project 4.0 - September 2017
- AASHTOWare Project 4.1 - June 2018
- Both releases will contain several construction related improvements
- Many agencies plan on implementing the Construction portion in the near future
  - Kansas, Minnesota, and Montana are taking the lead on implementation

aashtoware.org
Agency Views

• Allows an agency to design components to record data not already captured in AASHTOWare Project
  – Configurations Not Customizations
• 14 Agency Views Materials Test Templates
• Easy to modify, export, and import
  – User community File Sharing Site available
    • Montana has uploaded many examples already
Info Tech® Mobile Inspector™ App

• Ability to collect daily report data
  – Item progress with geo tag
  – Contractor work force, prime and subs
  – Site Conditions, remarks, and location information
  – Attach photos,

• Offline capability
  – Data automatically stored to cloud
  – Data is automatically synced when network available
Additional e-Construction Initiatives

• Ability to import files from electronic devices now available
• Pilot project to interface AASHTOWare Project with generic document management systems recently completed
• Exploring data exchange with paperless ticket systems
Implementation Status

• Project Preconstruction
  – 26 in production
  – 6 evaluating

• Project Bids
  – 12 in production
  – 6 evaluating

• Project Civil Rights & Labor
  – 12 in production
  – 3 evaluating
Implementation Status - Continued

• Project Construction & Materials
  – 1 in production (MN)
  – 3 implementation underway (KA, MI, MT)

• Project Construction & Materials
  – 1 in production (MN)
  – 3 implementation underway (KA, MI, MT)
Questions?

Tony Bianchi
Associate Project Director
AASHTO
444 N. Capitol Street, NW, Suite 249
Washington, DC 20001
(202) 624-5821
E-mail: tbianchi@aashto.org

James W. Johnson
AASHTO Project Business Manager
AASHTO
444 N. Capitol Street, NW, Suite 249
Washington, DC 20001
Phone: 850-570-4935
E-mail: jjohnson@aashto.org
Jim Johnson
Retired: After 39 Years FDOT
9 Summers AASHTO Contractor

3216 Robinhood Road
Tallahassee, Fla. 32312
Home: 850-422-3930
Cell: 850-570-4935

Email: nole.johnson@hotmail.com