DESIGN-BUILD PROGRAM UPDATE
2019 VTCA Spring Transportation Conference

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April 11, 2019
RECENTLY COMPLETED PROJECTS

• Route 7 Widening over DATR, NOVA District, $39.9M (May 2018)
  • Wagman/RDA

• I-81 Bridge over Route 808 and Sinking Creek, Bristol District, $11.2M (Sept 2018)
  • Orders/WRA

• Park and Ride Lot at I-66/Rte 15 Interchange, NOVA District, $4.2M (Dec 2018)
  • Tavares Concrete/AMT

• I-95 Safety Improvements at Rte 3, Fredericksburg District, $18.1M (Jan 2019)
  • Branch Civil/WRA
Route 7 over DATR - Wagman/RDA
## 2019 DESIGN-BUILD PERFORMANCE

<table>
<thead>
<tr>
<th>Number of Projects</th>
<th>Total Value (in Millions)</th>
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<tbody>
<tr>
<td>CONTRACTS ADVERTISED</td>
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<tr>
<td>CONTRACTS AWARDED</td>
<td>2</td>
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<tr>
<td>ACTIVE PROCUREMENTS</td>
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<tr>
<td>CANDIDATE PROJECTS</td>
<td>1</td>
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<tr>
<td>ACTIVE PROJECTS UNDER CONTRACT</td>
<td>16</td>
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<tr>
<td>COMPLETED CONTRACTS</td>
<td>73</td>
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**Total Advertised CY2019**

- $31.6M
- $131.6M

**Total Projects Advertised CY2019**

- 2
- 3

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RECENTLY AWARDED PROJECTS

• Route 7/Battlefield Parkway Interchange, NOVA District, $59.6M (March 2019)
  • Wagman/Parsons Transportation Group

• I-81 Bridge over Route 11 and Holston River, Bristol District, $28.9M (March 2019)
  • Orders/WRA

• Route 7 Corridor Improvements, NOVA District, $252.8M (July 2018)
  • Shirley/Dewberry

• I-81 Bridge Replacement at Exit 114, Salem District, $21.3M (May 2018)
  • Haymes Brothers/AMT
ACTIVE DESIGN-BUILD PROCUREMENTS

• Albemarle County Intersection Improvements Bundling, Culpeper District - $25M

• Skiffes Creek Connector, Hampton Roads District - $28M

• US Route 15/29 Improvements at Vint Hill, Culpeper District - $3.6M

Total Approximate Contract Value - $56.6M
Candidate Projects

• I-95 Rappahannock River Crossing - RFQ Spring/Summer 2019

Locally Administered Projects

• Rte 28 Widening (Fairfax County)  RFQ Spring 2019

• Rte 234 Balls Ford Road (Prince William County) - May 2019

• Northstar Blvd (Loudon County) – RFQ late 2019
Industry Coordination and Discussion
VTCA DESIGN-BUILD COMMITTEE

1. Stipend Levels:
   - VDOT and Industry is finalizing the process for determining stipend amounts which is provided to the unsuccessful Offerors

   - Generally 0.1% of estimated Contract Value

   - Percentage will be higher for projects below $50M (+/-)

   - Percentage will be lower for mega projects
2. As-Built Plans

- Formed a committee to clearly define requirements for As-Built Plans for all disciplines

- Intent is to mirror processes already in place for design-bid-build
3. Design-Build Performance Evaluations:

- Construction Division is overseeing performance evaluations completed quarterly by the VDOT PM

- The next step is to utilize the results as part of the selection process during procurement

- Discussing ways to further define the ATC process

- Prefer ATCs related to changes in the RFP project concept
  - *DDI versus flyover*

- Discouraging changes to VDOT design standards, solely proposed for the purpose of relaxing a more stringent standard (including the typical section)
  - *Galvanized versus Corrosion Resistant Reinforcing (CRR)*
  - *Changing from 12ft lanes to 11ft lanes*
5. Right of Way:

- Exploring ways to further clarify the required processes and procedures related to acquiring ROW for design-build projects

- Adding a mandatory Right of Way Kickoff meeting with VDOT Right of Way personnel within ninety (90) days from the Date of Notice to Proceed.
6. Estimating:
   • Discussions on recent trends in construction estimating such as current market conditions, labor force, risk assignment and market saturation

7. Progressive Design-Build:
   • VDOT is laying the groundwork to be able to use “Progressive Design-Build” (PDB) as an additional project delivery tool.
Design-Build Program Improvements & Innovations

• 2018 QA/QC Guide – July 2018 Update
  • Provides consistency with Department’s current contract documents
  • Improves inspection practices on D-B projects
• Layered PDF of Technical Proposal Plans
  • Comparison between RFP Conceptual Plan and Offeror’s Proposed Concept
• Electronic Submittal of Title Sheets
  • Eliminate the need for signing mylars
• VDOT DB Community of Practice
  • Improves consistency with contract administration
  • Quarterly Meeting with D-B Construction Project Managers
PROJECT OF THE YEAR

Design-Build Innovation Delivers
Virginia’s I-66/Rt 15 Interchange

DBIA WINNER
Project of the Year
DBIA Winner
I-66/Route 15 Interchange - Lane Construction/RDA
(Awarded – May 2014    Completed – August 2017)
DBIA Central Virginia Chapter – formed April 2018

- President- Ed Stelter (Faulconer)
- Vice President - David Lyle (Phillips and Jordan)
- Secretary - Ryan Masters (RK&K)
- Programs and Events Committee Chair - Bryan Stevenson (VDOT)
- Membership Committee Chair - Muriel Rodriguez (Schnabel)
- Sponsorship Committee Chair/Treasurer - Linnell Stanhope (Crowder)
- Legislative Committee Chair - Dusty Holcombe (RS&H)

Next Event: Thursday April 25th
Morning meeting at McGuire Woods in Richmond, Virginia

Speaker: L. Preston Bryant, Jr. (McGuire Woods Consulting, LLC)

Former Delegate and Secretary of Natural Resources will discuss the General Assembly sessions and trends affecting our industry
Thank You!!

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