CONSTRUCTION UPDATE

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July 12, 2018
Construction Division – Upcoming Work

• VDOT’s 24 month Advertisement calendar anticipates:
  • 101 projects to be advertised between 7/1/2018 and 12/31/2018
  • Total value of these projects is over $350 million

• Notable projects include:
  • Hampton Roads District Bridge over I-64 and CSX: $27.9 million
  • Richmond District I-64 Bridge Replacements: $26.6 million
  • Lynchburg District Bridge over Staunton River and CSX: $23.7 million
  • Bristol District I-81 Bridge Replacements: $22.5 million
Construction Division - Prequalification

• Updating Rules and Regulations
• Streamlining Process
  • Currently
    • Long form required every other year
    • Short form in intermediate years
  • Future
    • Long form required every 3 years
    • Preparation of short certification required every year (auditable by VDOT)
• Schedule
  • Currently soliciting industry feedback
  • Will require CTB action
  • Anticipated to be effective January 2019
Construction Division – Change Orders

- FY17 Review Occurred at end of CY2017
  - 1300+ Work Orders collected for review

- Noted Various Areas for Improvement
  - Entitlement
  - Independent Government Estimates
  - Documentation and Process

- Old IIM and process is sunset as of June 15, 2018

- New IIM-CD-2018-02.01 – Contract Change Management

- Revised C-10 form and creation of C-10A (Approval of Concept)
Construction Division – Change Orders

• Statewide training required for all those signing Change Orders for the Department
  • Training will cover:
    • Entitlement
    • Estimating
    • Process
    • Forms and Requirements
    • Approval Authorities & Approval of Concept
    • Best Practices

• Since we award bid item based contracts – Change Order line items will be reflective of this
Construction Division – Dashboard 4.0 Update

- Live as of July 1, 2018
- More inclusive of all projects (VDOT and Locally Administered)
- Live status is much more predictive than previous version
Construction Division – Dashboard 4.0 Update

- **New Interim Milestone Updates**
  - Project status updated by using interim milestones in SiteManager
  - Outlined in a new Construction Division IIM
  - Milestones can include easily identifiable work packages such as: traffic switches, detours begin/end, bridge opening, general project phasing, etc.

- **Business Rules**
  - Baseline interim milestone dates pulled from contractor’s first approved schedule
  - Projects will show most recent milestone status on dashboard until project completion
  - Applies to all VDOT Construction Projects (ex: Design-Build and traditional Design-Bid-Build)
Construction Division - Dashboard 4.0 Update

- **Project Delivery: On-Time Status**
  - Interim milestones may be identified as green, yellow, or red
  - Final completion will either be identified as green or red
  - Yellow is a new color for Dashboard 4.0 on time status and will be used to predict if a project is at risk of being completed late

![Table 5: Delivery On-Time Rules](image-url)
Construction Division - Dashboard 4.0 Update

- **Project Delivery: On-Budget Status**
  - Budget will be identified as either green, yellow, or red
  - Similar business rules as previous version of Dashboard

Table 6: Delivery On-Budget Rules
## Construction Division – CQIP Update

### Common Non-Compliant Issues Identified by CQIP in FY 2018

<table>
<thead>
<tr>
<th>Spec Section</th>
<th>CQIP Category</th>
<th>Question</th>
<th>Times Asked in FY18</th>
<th>Times Scored Compliant</th>
<th>Times Scored Non-Compliant</th>
<th>% Compliant</th>
</tr>
</thead>
<tbody>
<tr>
<td>512.03(a)</td>
<td>Maintaining Traffic</td>
<td>Does the Contractor furnish and install signs when required, maintain signs and furnish accessory items in accordance with this section?</td>
<td>154</td>
<td>95</td>
<td>59</td>
<td>61.7</td>
</tr>
<tr>
<td>512.01(4)</td>
<td>Maintaining Traffic</td>
<td>Are the work area zones in compliance with the guidelines as shown in the Typical Traffic Control figure of the Work Area Protection Manual and contract documents?</td>
<td>158</td>
<td>139</td>
<td>19</td>
<td>88</td>
</tr>
<tr>
<td>106.02</td>
<td>Division 1 General Provisions</td>
<td>Has the Contractor provided the Engineer with a copy of all invoices for materials delivered to the project?</td>
<td>157</td>
<td>140</td>
<td>17</td>
<td>89.2</td>
</tr>
</tbody>
</table>
Construction Division – CQIP Update (SAFETY FOCUS)

- Additional workzone reviews in July and August
  - 1-2 workzone reviews per week per CQIP Reviewer
  - Workzones will be selected randomly on interstate and primary routes
  - Projects may include RAAP, Design-Build, LAP, TAMS, or any other road work that requires a workzone
  - Reviews will be completed using TE-97001 Form
  - Results will be emailed to the VDOT Inspector/CM/ACE, contractor, and CQIP Manager
  - CQIP Manager will retain, review, and compile the data and report findings to State Construction Engineer

- If there are issues with the workzone, follow-up reviews may be performed