CONSTRUCTION DIVISION UPDATE

2019 VTCA Spring Conference

Ian Millikan, P.E.
Assistant State Construction Engineer
## Calendar Year 2019 Contract Data

<table>
<thead>
<tr>
<th>Description</th>
<th>Count</th>
<th>$ Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active Contracts</td>
<td>211</td>
<td>$ 2.78 B</td>
</tr>
<tr>
<td>Contracts Completed YTD</td>
<td>15</td>
<td>$ 61.2 M</td>
</tr>
<tr>
<td>Contracts Advertised YTD</td>
<td>71</td>
<td>$ 19.2 M</td>
</tr>
<tr>
<td>CEI Consultant Task Orders Issued YTD</td>
<td>109</td>
<td>$ 14.9 M</td>
</tr>
</tbody>
</table>

*Includes Design Build. Does not include LAP, PPTA
*Data valid through 3/15/2019
Fiscal Year 2019 Performance Data - Schedule

VDOT Managed Projects

**ON-TIME PERFORMANCE**

<table>
<thead>
<tr>
<th>Status</th>
<th>Active Count</th>
<th>Completed Count</th>
<th>Total Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>R</td>
<td>14</td>
<td>20</td>
<td>34</td>
</tr>
<tr>
<td>Y</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>G</td>
<td>17</td>
<td>215</td>
<td>232</td>
</tr>
<tr>
<td>Total</td>
<td>32</td>
<td>235</td>
<td>267</td>
</tr>
</tbody>
</table>

(TM: 77% of Projects Complete Delivery Phase On-Time)

Locality Managed Projects

**ON-TIME PERFORMANCE**

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<tr>
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<tbody>
<tr>
<td>R</td>
<td>13</td>
<td>2</td>
<td>15</td>
</tr>
<tr>
<td>Y</td>
<td>1</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>G</td>
<td>4</td>
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<td>19</td>
</tr>
<tr>
<td>Total</td>
<td>18</td>
<td>17</td>
<td>35</td>
</tr>
</tbody>
</table>

(TM: 77% of Projects Complete Delivery Phase On-Time)
Fiscal Year 2019 Performance Data - Budget

VDOT Managed Projects

ON-BUDGET PERFORMANCE

(Target: 85% of Projects Complete Delivery Phase On-Budget)

Locality Managed Projects

ON-BUDGET PERFORMANCE

(Target: 85% of Projects Complete Delivery Phase On-Budget)
Change Orders

Revised IIM executed in June 2018

Things are looking good in general

• Process is being followed by VDOT and Contractors
• IGE’s are being performed on nearly all Change Orders
• Entitlement concerns are rare
• Aggregate number of Change Orders is down in FY19

We still have issues with waiving LD’s

• Need to execute a change order with entitlement to provide a time extension if warranted
CEI Program Update

CEI Contract Administration Manual Under Development

- Promote consistency
  - VDOT Roles and Responsibilities
  - Procurements and Classifications
  - Task Order Assignments
  - Documentation Required for Invoices, Payments, and Monthly Reports
  - Contract Renewals and CPEs
  - Internal PSCRS Data

- Target Date for Industry Comments: August 2019
- Target Date for Implementation: January 2020
eConstruction Program Update

Tablet Based Inspection
  • PlanGrid Pilot Program
  • Headlight Pilot Program

UAS/Drones

Document Management Systems
  • No more PDMS
  • VDOT SharePoint sites
  • CADAC
  • Other options (ProjectWise?)

Check out the presentation @ 8:30AM tomorrow
Specifications Update – New Specs

New specs will be shown with a (*) in the table of contents for two years after last revision date.

New Spec

2 years after this date
Specifications Update – Buy America

Effective on contracts advertised after May 1, 2018

Contractor certification required on C-76 form

- Whenever iron or steel material is delivered to the project
- All steel or iron permanently incorporated into the project, including steel fibers, rebar ties, and pre-cast elements

Records Management

- Contractor maintains all supporting documentation for 3 years
- Subject to audit by VDOT or FHWA
Specifications Update – Portable Temp. Rumble Strips

Effective on contracts advertised after July 1, 2019

Used when all of the following conditions are met:

- Flagging during daylight hours
- Work duration is between 3 hours and 72 hours (continuous operations)
- Speed limit at least 35 MPH
- Existing roadway has a marked centerline

Measurement and Payment

- Employed and paid for in arrays of 3
- Paid per Array per Day
- Includes installing, maintaining, removing, and relocating
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