Transportation Forum Coordinator: Wendy Dyson  
Next Forum Meeting Date: 11/01/2017

GENERAL ITEMS:
• Welcome and attendee introductions.
• Transportation Summit— October 20, 2017 – Cobb Galleria Centre – Expecting Sell-out Attendance!

PRESENTATION: DESIGN BUILD UPDATE (Notes included on attached presentation pdf)
• Office of Innovative Delivery, GDOT
• Andrew Hoenig, P.E., DBIA

SULLY UPDATE:
• Jennifer Winkler – new director of Government Affairs, ACECGA (formerly Peachtree Corners Gov’t Affairs)
  o Familiar with industry, good contacts at local government level and provides more active engagement at local level
• Federal
  o $200-250 Billion Investment in infrastructure. Broader definition of infrastructure that just roads and bridges
  o Still needs to be paid for – challenge for funding. Gas tax is declining source of revenue
  o Need other source or raise gas tax
• Keith Parker – CEO leaving Marta (new exec director Goodwill)
  o Interest in replicating GPTQ model with Marta, meeting later to discuss actual agreement
  o GPTE – Georgia Partnership for Transit Excellence
• State
  o Meeting with representatives – not expecting an active legislation session.
  o Many special elections coming as legislators resign to campaign.

SUBCOMMITTEE REPORTS:

PROCUREMENT: (Co-Chair: Saurabh Bhattacharya)
• Procurement Update
  o PE list for 2019 is under development
  o Region #1 on-call contract will be advertised by month end. Maximum contract value will be increased from $7M to $14M.
  o 2017 Bridge Bundle has been moved to 2018 Bridge Bundle #1 resulting from approx. $30 million overrun on construction estimates and bills. PE will be in FY 2019, but procurement will start in January 2018.

• DocuSign Process
  o Some Consultants noted instances of contract documents getting lost in the signature process and an inability to track down documents once entered in the signature workflow. If issues with DocuSign, email Saurabh Bhattacharya (saurabh.bhattacharya@parsons.com)
  o Joe Macrina mentioned the option to track documents on docusign.com. Also noted the option to use a smartphone app. App has a helpful dashboard the provides current information on documents awaiting signature.
  o Bad e-mail addresses can create an issue – GDOT procurement staff is confirming email addresses of signatories on every contract. Further they copy/paste e-mail addresses from a word document rather than typing.
  o Debarment Form – GDOT is working to have this signed outside of the DocuSign workflow. This is a work in progress.
  o Consultants will get together and generate a best practices document to post to the TSP website. Albert noted that this would be a good resource for new consultants coming to Georgia.
  o TSP has ability to provide sequencing of subs and signatures to facilitate follow-ups by Prime.
Transportation Forum Report – ACEC Georgia
September 6, 2017        Location: 4th Floor GDOT Office
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- **Negotiations Handbook**
  - A revised handbook is being circulated within the task force for review. Some outstanding items remain and need further coordination. Goal is to have the document completed by year-end.
  - Handbook is heavily relying on the Florida manual and will specify positions for tasks. Firms will need to agree with GDOT PM on scope, positions and tasks.
  - Certified payroll will be needed on company letterheads with signature. ADT printouts are no longer acceptable. A template will be added to the negotiations manual.
  - Per Diem – Even in instances where TSP is not reviewing the back-up documents, they have authority to ask for assumptions.

- **CMIS – Consultant Evaluation, Other Items**
  - Consultant Evaluations – All area classes have been entered for contracts starting September 2016. About 22 contracts had issues in finding the correct area classes. *(5 Pilot Projects)*
  - GDOT has developed Consultant Evaluation Training for internal evaluators. Evaluation input will start next year after all training is complete.

**GPTQ AWARDS:**

- Phase 2 finalist have been notified – due 9/8/2017
- Engineering Excellence Awards – can submit same projects. *(Held Grand Hyatt in Buckhead)*

**TRAINING:**

- The committee continues to meet regularly. The best practice presentation on complex NEPA for the Louisville Bridges/Kennedy Interchange project has been postponed to the beginning of next year due to numerous scheduling conflicts.

*Please send any additions and/or revisions for the Report to Ossie Brewer, obrewer@dpengr.com*

~ Ossie
Office of Innovative Delivery Design-Build Update

Andrew Hoenig, PE, DBIA
Senior Design-Build Project Manager
September 6, 2017
Program Delivery Model
PMC & GECs

P3 Program
DB Program
MMIP Projects

16/95 (2) 85 WIDE (2) 285/20 E I/C 285/20 W I/C Revive 285 SR 400 285 E Wall 285 W Wall 75 CV

PMC GECs GECs PMC PMC PMC PMC PMC PMC PMC PMC PMC PMC PMC PMC

GEC/OVF GEC/CEI GEC/CEI GEC/OVF GEC/OVF GEC GEC GEC GEC GEC GEC GEC

DB Team/CEI DB Team Developer/CEI Developer/CEI Developer/CEI Developer/CEI Developer/CEI Developer/CEI Developer/CEI Developer/CEI

ROW Service Provider

P3 DIVISION

General Engineering Consultant (GEC)
Program Management Consultant (PMC) HNTB
Construction Engineering Inspection (CEI)

Legal Financial

Tolling Consultant & Systems Integrator

State Road & Tollway Authority

Georgia Department of Transportation
Recent Design-Build Successes

• Opened the first segment of the SR 400 Widening project
• Opened the I-24 ABC project to traffic
• Awarded the Courtland Street bridge project
• Administered six Design-Build projects simultaneously through procurement
  • Two FY 17 Bridge Batch Contracts (PI# 0015523 & 0015524)
  • I-85 Corridor Bridges (PI# 0015436)
  • Courtland Street Bridge (PI# 752015)
  • I-85 Widening (PI# 110610)
  • Fayette County Bridge Trail (PI# 0012624)
SR 400 Widening

• What led to success?
  • Awarded within one year of Forsyth County Referendum
  • Opened 8 miles northbound to traffic within two years of Referendum
  • Laid the groundwork for House Bill (HB) 170
  • Continuous roadwork for several weekends allowed for construction efficiencies
  • Multiple USACE permits & EPD NOIs on a singular project
I-24 ABC Project

• Georgia’s first ABC project
  (Accelerated Bridge Construction)
  • Moved two spans in one weekend over live traffic
  • Actual ABC period was 81 hours instead of 56 hours

• Three Main Challenges
  • Existing Bridge Demolition
  • Concrete Pedestals Placement
  • Communication link between movers

• Significant Lessons Learned
  • Increased existing bridge information (3D modeling)
  • Benefits of ABC were still realized
  • Plan for backup and contingency on ALL equipment
  • Complex bridge geometry made ABC difficult
  • Engineer of Record (EOR) on site all weekend
Courtland Street Bridge Replacement

• Utilized an inventive procurement method
  • 50/50 Technical Weight not used for every project, but worked well for this procurement (apply to FY18 Bridges)
  • 6-month closure timeframe using Design-Build delivery method
• Different construction methods presented by Shortlisted teams
• Increased focus on outreach & stakeholder involvement
Six Active Procurements

• Initiated an advanced procurement process
  • Future Design-Build procurements through Office of Innovative Delivery (OID), including Low Bid
  • Require less detailed information in Technical Proposals for Low Bid
  • Increased OID Personnel
  • Increased Program Management Consultant (PMC) Personnel
Upcoming Design-Build Contract/Manual Changes

• Better defines EOR and QM role during design and construction
• Adds the option for the Quality Model on Design-Build projects
• Modifies the Technical Proposal requirements on Low Bid projects
• Better defines the Non-Conformance reporting procedures
• Outlines the OID/PMC leadership role in DB Construction Engineering and Inspection (CEI)

Courtland - first to use DBCEI contract
FY16 - will remain under Arcadis GEC
FY17 - under new contract for CEI
Design-Bid-Build to Design-Build Relationship Map

**GDOT Districts**
- SCE
- DE
- DCE
- AE
- PE

**Consultants**
- CEI

**GDOT OID**
- OID OA
- OID PM
- CM
- ACM
- CEI (DB)

**PMC**
- Consultants

*Same – No change*
Programmatic Construction Engineering and Inspection Services Overview

Additional projects will be added as they are identified during the contract.
Programmatic Construction Engineering and Inspection Services Overview

FY 16 Bridges

FY 17 Bridges

FY 18 Bridges

I-85 Corridor Bridges

FY 18 Locations are subject to change.
Design-Build Model

* Moving forward - Lot of projects = best value over low bid (other than FY18)
* Quality model - putting quality on the contractor
* Best Value - what will rate be value price 75:25
* Courtland was 50:50
* Stipend for SL firms - Criteria and how set?
* Determined on case by case basis (0.02% of construction estimated value can increase if lot of innovation sought up to 0.04%)
* I16/I95 will have Stipend
* Looking at Criteria for ABC candidates (no good detour, higher user cost, 1/yr nothing now and looking to make list
MMIP Model

- GDOT OID OA
- GDOT OID PM
- PMC (PM /CM)
- FHWA (PODI ONLY)

GEC / ENV / OVF
[Serve as GDOT SME Reviewer and Materials Acceptance Testing]
10% Check

DB Team or Developer
[Contractor / EOR / Quality Assurance Firm]
100% Inspection
## Approved Design-Build Program

<table>
<thead>
<tr>
<th>Project</th>
<th>County</th>
<th>Length (miles)</th>
<th>PNA Advertisement</th>
<th>RFQ Advertisement</th>
<th>RFP Advertisement</th>
<th>Letting</th>
<th>Anticipated Selection Method</th>
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<tbody>
<tr>
<td>Redwine Road and Starrs Mill School Complex Multi-Use Path</td>
<td>Fayette</td>
<td>1.0</td>
<td>✓</td>
<td>-</td>
<td>✓</td>
<td>9/15/2017</td>
<td>One Phase Low Bid</td>
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<tr>
<td>I-85 Widening – CR 134 Hamilton Mill Road to SR 211</td>
<td>Gwinnett Barrow</td>
<td>12.7</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>9/15/2017</td>
<td>Best Value</td>
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<tr>
<td>I-16 at I-95 Interchange Reconstruction including I-16 Widening from I-95 to I-515</td>
<td>Chatham</td>
<td>7.5</td>
<td>✓</td>
<td>10/4/2017</td>
<td>11/14/2017</td>
<td>1/12/2018</td>
<td>6/15/2018 Best Value</td>
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<tr>
<td>FY 18 Design-Build Bridge Replacement Projects</td>
<td>Statewide</td>
<td>--</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
<td>Summer 2018</td>
<td>Two Phase Low Bid</td>
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<td>I-20 at the Savannah River Bridge</td>
<td>Richmond</td>
<td>1.8</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
<td>Fall 2018</td>
<td>Best Value</td>
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<td>I-20 from Columbia Drive to Panola Road - Moveable Barriers</td>
<td>DeKalb</td>
<td>1.8</td>
<td>TBD</td>
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<td>TBD</td>
<td>FY 2019</td>
<td>Best Value</td>
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<td>SR 53 WB at the Chattahoochee River</td>
<td>Hall</td>
<td>0.4</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
<td>FY 2019</td>
<td>TBD</td>
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<td>Jeff Davis Montgomery</td>
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<td>TBD</td>
<td>TBD</td>
<td>FY 2019</td>
<td>TBD</td>
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<td>I-985 From I-85/Gwinnett to SR 53</td>
<td>Gwinnett Hall</td>
<td>16.0</td>
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<td>I-85 Widening SR 211 to SR 11/US 129</td>
<td>Barrow Jackson</td>
<td>11.3</td>
<td>Winter 2023</td>
<td>Spring 2024</td>
<td>Spring 2024</td>
<td>Summer 2024</td>
<td>Best Value</td>
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</tbody>
</table>

15 bridges (2 Batches of 7-8 bridges)
Program Contacts and Information

Darryl VanMeter, PE
Assistant P3 Division Director / State Innovative Delivery Administrator

Program Information
www.garoads.org
www.dot.ga.gov/PS/Innovative