

August 25, 2026



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PROGRAM
OFFICE**

SASHTO 2026
FDOT's Innovative Delivery Approach

Your Presenters and Panel

Moderator



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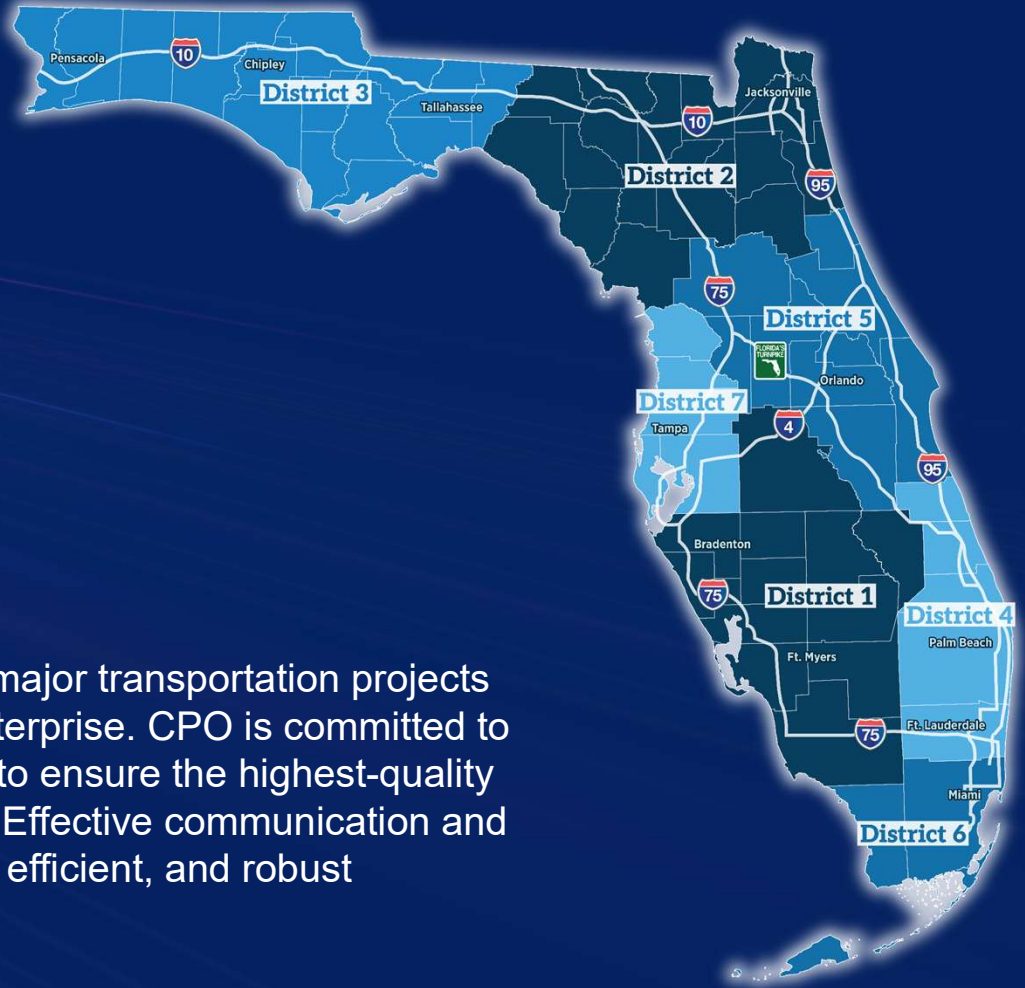


Marc Hustad, P.E.
*CPO
Program Principal*



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FDOT's Corridors Program Office (CPO) supports major transportation projects across all seven districts and Florida's Turnpike Enterprise. CPO is committed to collaboration and innovation with industry partners to ensure the highest-quality delivery of the state's largest construction projects. Effective communication and strong relationships are essential to providing safe, efficient, and robust transportation infrastructure.



Accelerate



Innovate

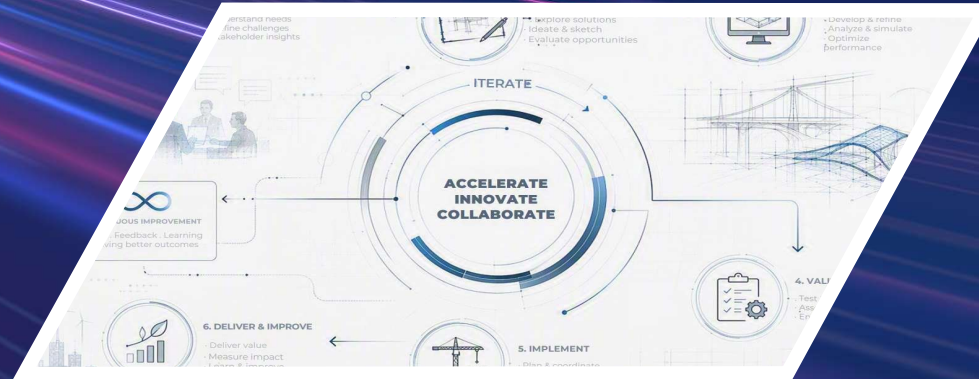


Collaborate





Program



Process



Culture

Modified Phased Design-Build

KEY COMPONENTS



Multiple Teams Selected



Price Certainty



Risk Management / Risk Sharing



Opportunities and Incentives for Efficiency



Coordination and Engagement with Industry



Modified Phased Design-Build



MULTIPLE TEAMS SELECTED

Competitive process framework

01

Qualifications-Based

Select the strongest teams

02

Post-Selection Competition

Sustain competitive tension

03

Innovation + Collaboration

Advance ideas together

04

Guaranteed Maximum Price

Establish cost certainty early for entire project



Key Takeaways

Teams Under Contract

All DB Firms selected are under contract
(procurement is over)

1.5% DB-Firm Investment

Innovation Phase Funding
(1% shift from prior investment levels)

Hypercompetitive Ideas

Extremely competitive process
(innovation emerges across all areas)

SECTION X-X
SCALE 1:500

Modified Phased Design-Build



PRICE CERTAINTY

Early pricing creates delivery confidence

01

PGMP Set Early

Establish the total cost of the project early

02

Project Keeps Moving

Maintains delivery momentum – avoids delays

03

Work Program Stability

Strengthens program predictability and confidence

04

More Projects

Extends available program capacity



Key Takeaways

Hypercompetitive Pricing

Extreme innovation leads to aggressive bidding.

25% Savings

Flexibility in approach yields highly efficient results.

Deliver More, Faster

Expectations are to deliver more than we have each year

Modified Phased Design-Build



RISK MANAGEMENT / RISK SHARING

Structured allocation creates shared accountability

01

Risk Registers Submitted

Document and surface key risks

02

Risk Reserve Set w/ Categories

FDOT sets Risk Reserve to cover certain categories

03

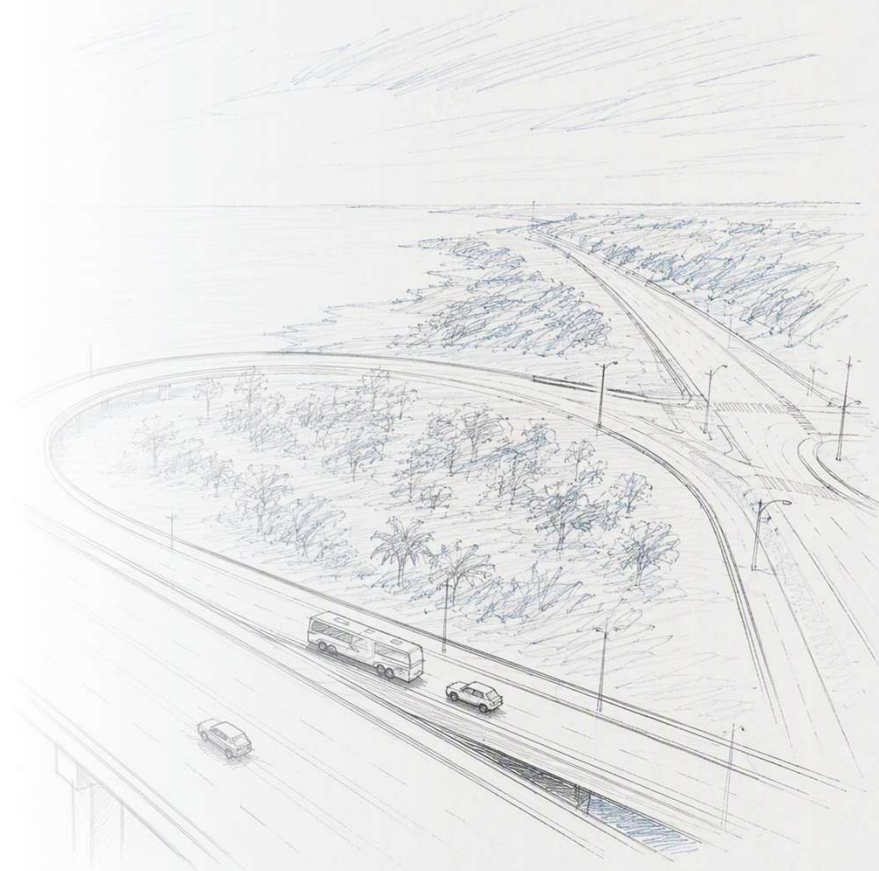
Risk Reserve a Non-Bid Item

All teams have the same Risk Reserve at bid

04

20% "Other" Category

Provides flexibility for additional risks that may arise



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PROJECT RISK REGISTER FORM



 Risk Category	 Risk Name	 Input Anticipated Total Cost Impact in USD (A)	 Input Probability % of Event Occurrence (B)	 Input Probability Cost in USD (A*B)	 Input Anticipated Critical Path Schedule Impact (Calendar Days)	 Design Build Team Mitigation Strategy

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PROJECT RISK REGISTER

 Risk Category	 Risk Name	 Input Anticipated Total Cost Impact in USD (A)	 Input Probability % of Event Occurrence (B)



Key Takeaways

Unique Risk Registers

Each team submits their own independent and unique Risk Register to FDOT.

Team Risks Confidential

Each Risk Register is confidential and closely analyzed by FDOT.

Risk Reserves Custom

Risk Registers inform the Risk Reserve that FDOT sets for all teams.

Modified Phased Design-Build



OPPORTUNITIES & INCENTIVES FOR EFFICIENCY

Reward efficiencies during Design and Construction

01

Unused Design Expenses

Unused portion of design expense allocation paid to DB Firm and earned by designer.

02

Unused Design Fees

20% of the difference between the Design Phase GMP and the final Design Phase amount used is paid to the DB Firm (earned by designer).

03

PGMP Shared Savings

DB Firm shall receive 14% of the Shared Savings (PGMP – fees paid)

04

Non-Selected Firm Innovations

Non-selected firm entitled to 14% savings if their innovation is implemented. DB Firm that implements will also receive 14% savings.



Key Takeaways

Better Than Lump Sum

Teams set their price, their pace, and their people.

Efficiency Rewarded

High-quality plus high-efficiency translates into high rewards.

Good Ideas Pay

If it's worth implementing, it's worth paying for.

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COORDINATION & ENGAGEMENT WITH INDUSTRY

Use industry input to strengthen delivery process

01

Continuous Refinements

Improve the innovative delivery approach through gained experience and ongoing input

02

Selected Number of Firms

Balance competition based on project specific needs and market conditions

03

AIC Phase Duration

Align the innovation and collaboration period based on project size and complexity.

04

FCM / RUE / AVA / Segmentation

Continuously shape delivery strategies to maximize value



Key Takeaways

Never Stop Improving

Learn from every experience and challenge your team to make things better.

Solicit Feedback

Ask for ideas to improve the process (what worked well and what didn't).

Don't Wait

If it needs to happen eventually, it needs to happen immediately.

Modified Phased Design-Build

OVERALL RESULTS TO DATE

Modified Phased Design-Build is converting collaboration and innovation into measurable outcomes.

THE DELIVERY ENGINE

ACCELERATION Faster momentum

INNOVATION Impactful ideas

COLLABORATION Shared solutions

COMMITMENT Dedicated focus

CONFIDENTIALITY Innovations entrusted

MEASURABLE IMPACT

Four outcomes that demonstrate the scale of the results

IDEAS **600+**

Innovations Submitted

High volume idea generation

VALUE **\$1B+**

In Savings

Value captured through innovation

7 **MPBD Projects**
Determined to Date

GO **500+**

Innovations Approved

Advanced for immediate incorporation

TIME **5+ YEARS**

In Time Saved

Congestion relief delivered sooner



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Question Break



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Final Configuration Milestone (FCM)

Final Configuration Milestone



WHAT IT DOES

Sets a **no excuse** commitment for Final Configuration and rewards accelerated delivery of what is most important to the traveling public— **congestion relief and time savings**.

CATEGORY A

0% < 10%
Duration Savings
0% of daily value earned

CATEGORY B

10% < 20%
Duration Savings
30% of daily value earned

CATEGORY C

20% < 30%
Duration Savings
60% of daily value earned

CATEGORY D

30% or more
Duration Savings
90% of daily value earned

MI-4 PROJECT ONE EXAMPLE

CATEGORY C

Contract Duration = 1250 days
FCM Duration = 990 days
Duration Savings = 260 days

\$7.8M potential incentive

ACCOUNTABILITY

If the FCM date is missed: incentive decreases daily at **4x** daily value until you reach \$0, then disincentives accrues at **2x** daily value until you hit maximum disincentive.



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RUE

Diamond in the RUE

Incentivizing teams to innovate beyond direct construction costs and reduce impacts to Right of Way, Utilities, and Environmental (RUE)



R

RIGHT-OF-WAY

Reduce property and access impacts



U

UTILITIES

Avoid relocation and conflict costs



E

ENVIRONMENTAL

Minimize impacts to wetlands and conservation areas

RUE

OPTIMIZE R + U + E → LOWER TOTAL PROJECT COST → STRONGER BEST VALUE

Diamond in the RUE

THE OPPORTUNITY

Give Design-Build teams a direct incentive to minimize impacts to RUE elements.

01

INCLUDE RUE

Account for owner costs beyond construction

02

REWARD REDUCTIONS

Credit teams for lowering overall project cost

03

ACHIEVE BEST VALUE

Optimizing all programmatic costs on a project

PROVEN IMPACT

\$80M+
SAVINGS

**Yielded on one
project alone**
by considering overall
project cost reductions

BEST VALUE



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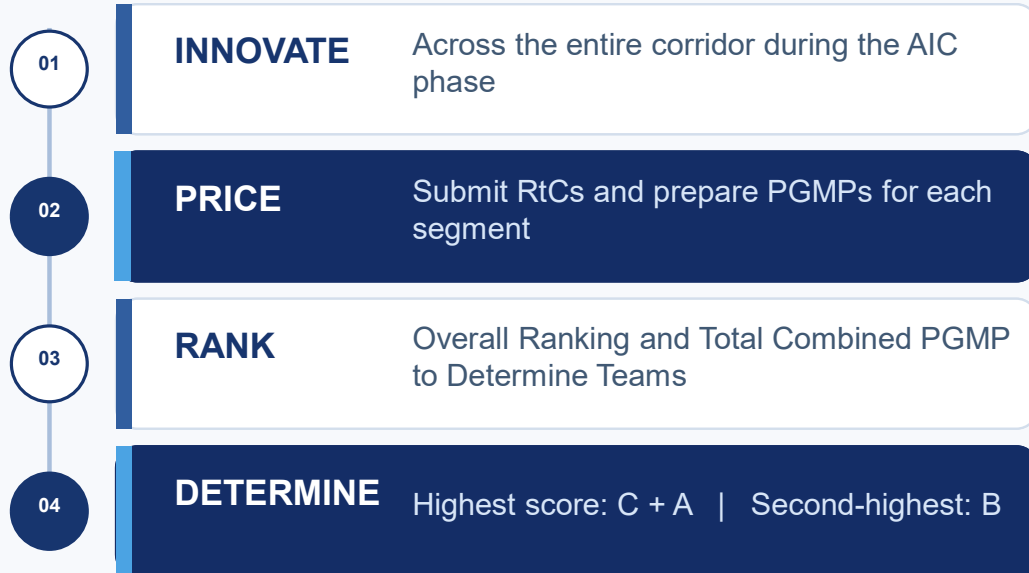
Segmentation

Segmentation Plan

(I-75 Example)

ONE CORRIDOR. THREE SEGMENTS. FULL COMPETITION.

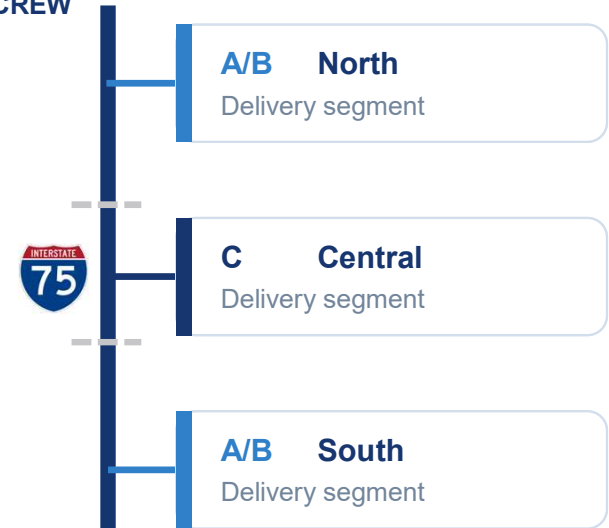
Teams innovate corridor-wide, then compete through segment-specific pricing and a combined overall ranking.



SEGMENTED DELIVERY PLAN

I-75 Golden Gate to Corkscrew

CORKSCREW



GOLDEN GATE

CORRIDOR-WIDE INNOVATION | SEGMENT-SPECIFIC AWARDS

Segmentation Plan

(I-75 Example)

ONE CORRIDOR. THREE SEGMENTS. FULL COMPETITION.

Teams innovate corridor-wide, then compete through segment-specific pricing and a combined overall ranking.

01

INNOVATE

Across the entire corridor during the AIC phase

02

PRICE

Submit RtCs and prepare PGMPs for each segment

03

RANK

Overall Ranking and Total Combined PGMP to Determine Teams

04

DETERMINE

Highest score: C + A | Second-highest: B



Key Takeaways

Maximize Innovation

Teams must provide equivalent attention across all segments.

Minimize Gaming

Benefits all teams since it eliminates unbalanced focus and pricing.

Maximize Resources

Allows for multiple teams to move forward into Design and Construction.

AVA – Additional Value Added

AVA FRAMEWORK AND BENEFITS

Enhancements that improve outcomes beyond the base project scope



AVA – Additional Value Added

AVA FRAMEWORK AND BENEFITS

Enhancements that improve outcomes beyond the base project scope

01

D-B FIRM PROPOSED ENHANCEMENTS

02

EXPANDED OPPORTUNITIES

03

ENHANCED OPERATIONAL BENEFITS

04

ACCELERATED DELIVERY



Key Takeaways

Project Must Work

Project must be operationally acceptable when finished.

Project Must Last

Additional operational longevity can often be included at minimal cost.

Limits May Change

Original project limits may not be sufficient.

INVEST.
IMPROVE SAFETY.
IMPROVE OPERATIONS.
IMPROVE COMMUNITIES.
• SAVINGS TODAY. BETTER TOMORROW. •



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Question Break

Florida's Approach to Programmatic Permitting



REGIONAL THINKING. FASTER DELIVERY. LASTING RESULTS.

Five principles for coordinated programmatic permitting

01

Regional Over Project Mindset

Assess transportation and environmental impacts programmatically. >

02

Create Multi-Agency Solutions

Share strategies and schedules early; resolve impacts before formal permitting. >

03

Prioritize Common Goals

Build trust through coordination, accountability, and dedicated resources. >

04

Engage at All Levels

Reduce duplication, delegate authority, and streamline partner reviews. >

05

Don't Be Afraid to Modify

Apply optimization and machine learning to streamline the design. >



Real World Results

BOGGY MARSH

A multipurpose milestone

406

ACRES PRESERVED



GREEN SWAMP PROTECTED

Protected a portion of the
Florida Forever Project Area



FLORIDA WILDLIFE CORRIDOR

High value wetlands
within the Florida
Wildlife Corridor



PROGRAM-LEVEL MITIGATION CREDITS

Provides mitigation
credits that were used to
accelerate delivery



150+

PROPERTIES
EVALUATED



<6

MONTHS FOR
APPROVALS
& ACQUISITION



\$2B+

PROJECTS KEPT
ON SCHEDULE



~\$5M

MITIGATION VALUE
GENERATED

Florida is Filling the Gap

WORKFORCE DEVELOPMENT INCENTIVES THAT DRIVE RESULTS

01 Ready Workforce

Maintain a sufficient workforce to meet operational needs

02 Regional Mindset

Grow the regional workforce to support labor needs without detriment to other regional projects

03 Economic Transformation

Influence economic growth by investing in the workforce and developing skillsets

04 Systems That Last

Investing into sustainable, mobile, and repeatable statewide workforce initiatives.



Final Takeaways

01 CHALLENGE YOUR TEAM

Drive innovation and efficiency early to maximize outcomes.

02 PROCESS MATTERS

Pay an extra 1% up front to save 25% at bid.

03 COMPETITION IS KEY

Intense innovation.
Real results.

04 SET THE PRICE EARLY

Cost certainty gets the job done.

05 TOTAL PROJECT COST

RUE - More than construction cost.

06 SPEED IS EVERYTHING

Time – A premium worth paying for.

07 EVERYBODY WINS

Ahead of schedule and under budget.

CHALLENGE EARLY >

**COMPETE
INTENSELY**

> LOCK IN CERTAINTY >

**DELIVER MORE
VALUE**

>

**EVERYBODY
WINS**

Looking Forward: The Effort is Worth It

✓ WHAT MPDB UNLOCKED

01

PD&E + Funding Strategy

Cost-effective from Day One

- Cannot start a PD&E without a funding strategy and without construction funding within 8 years
- PD&E completion in 18 months

02

DRIVE DC

Applying the right principles

- Set a baseline early
- Efficient scope and cost
- Measured performance

03

DRIVEN PDB

Fixing Phased & Progressive DB

- No Off-Ramp Options
- No Work Package Proposals
- No Negotiations

Stay Tuned...

Proven results are now shaping how FDOT plans, scopes, and delivers the next generation of projects.





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Questions & Answers



Thank You!