

— January 10, 2019 —



## **Road to Procurement**

**Mastering the Procurement Process** 



#### Mile Marker 1 - Solicitation Process





#### Solicitation Process/ Public Records Request

#### Solicitation Processes and Public Records Requirements

Welcome to the Procurement Department's web page describing our solicitation processes and public records requirements as they relate to those processes.

The purpose of this page is to provide basic information about how the Authority solicits proposals for the goods and services that it needs and how those solicitations are affected by the laws governing public records and their availability. This page is not intended to cover all public records, only those that fall under the responsibility of the Authority to collect, maintain and provide upon request.

Let's begin with the solicitation processes. The Authority's Procurement Policy identifies three methods to procure goods and services. Those methods are:

#### A. Competitive Sealed Bids

This is the traditional low bid process that most people are familiar with and the one that is most often used by the Authority.

#### **B.** Competitive Sealed Proposals

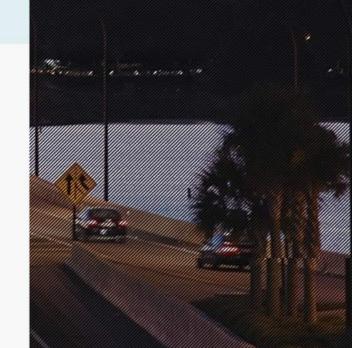
Also known as the Request for Proposals (RFP) process, this process requires the submittal of technical proposals and price proposals lif specified in the proposal documents) from

# Account Sign Up Enroll to receive invitations to bids. Register Account Login Manage your account information and more. Login Procurement Ph: 407-690-5000

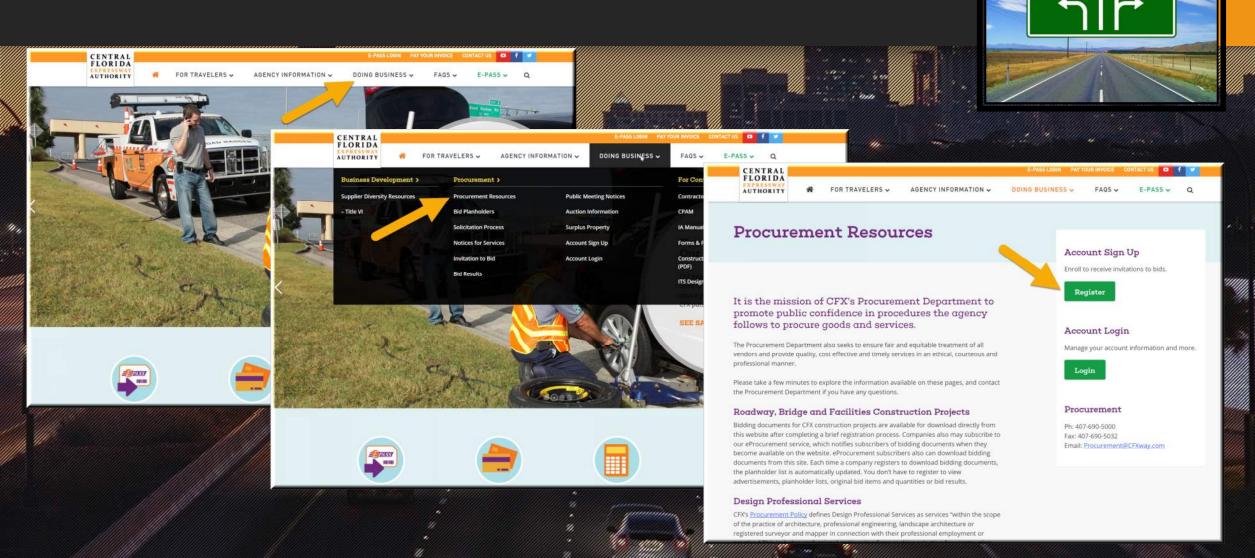
Fax: 407-690-5032

Email: Procurement@CFXway.com



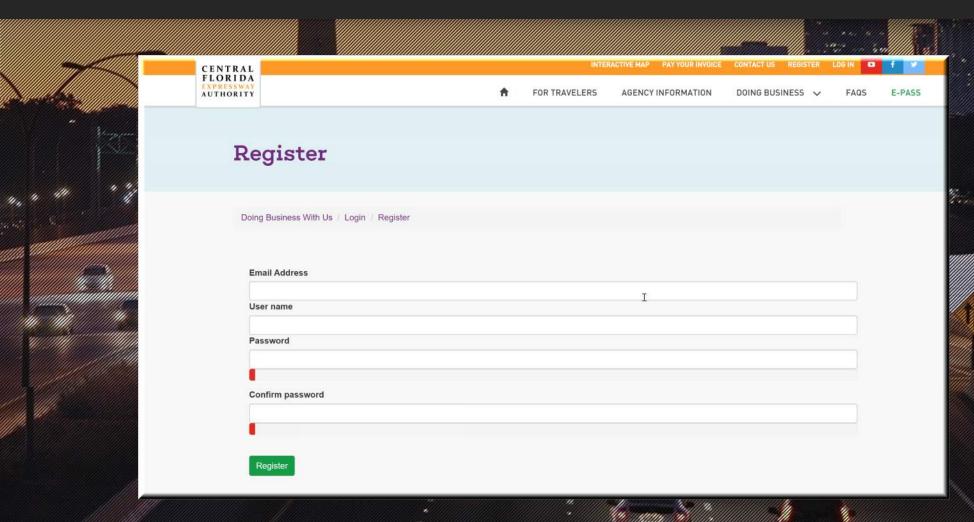






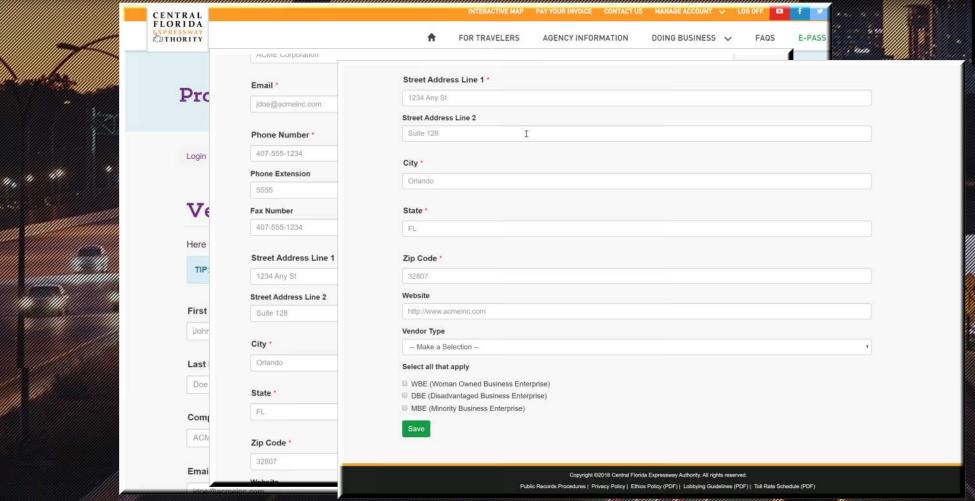
LEARNING

## Mile Marker 2 - Registering as a Vendor



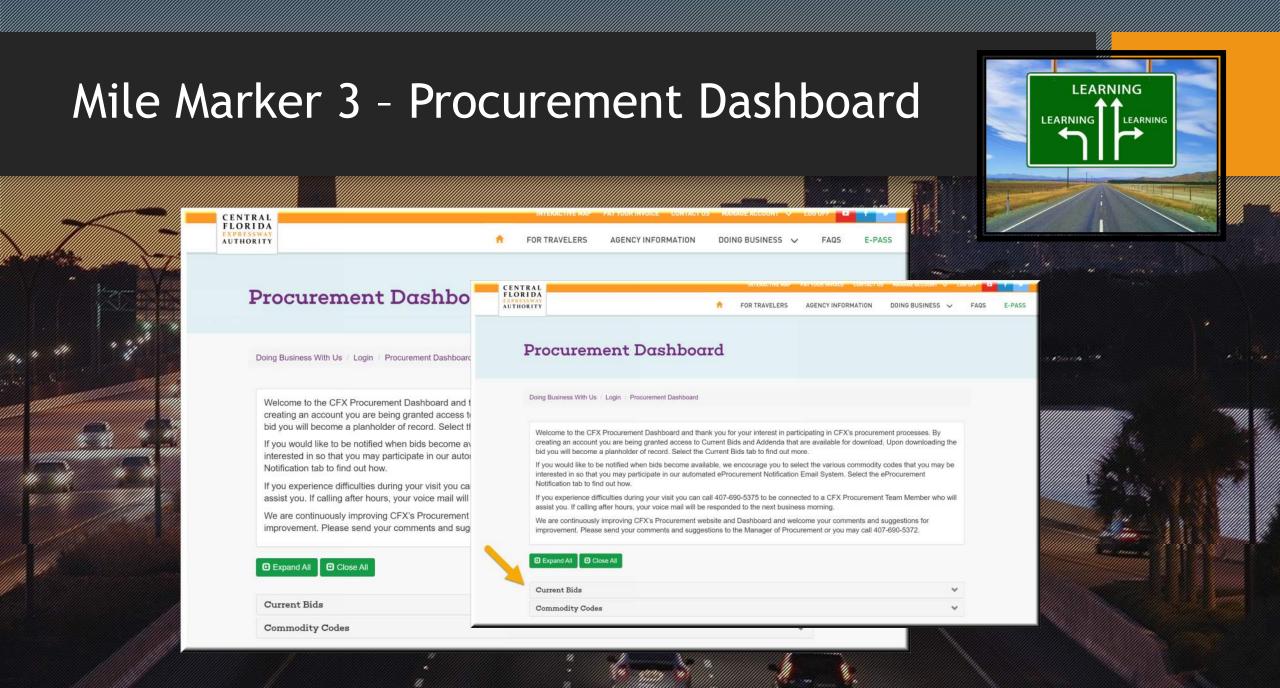


## Mile Marker 2 - Registering as a Vendor

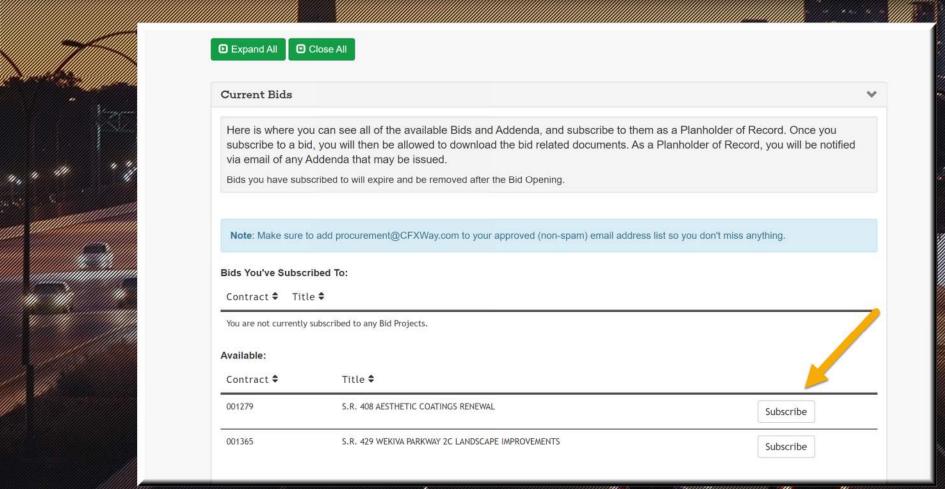








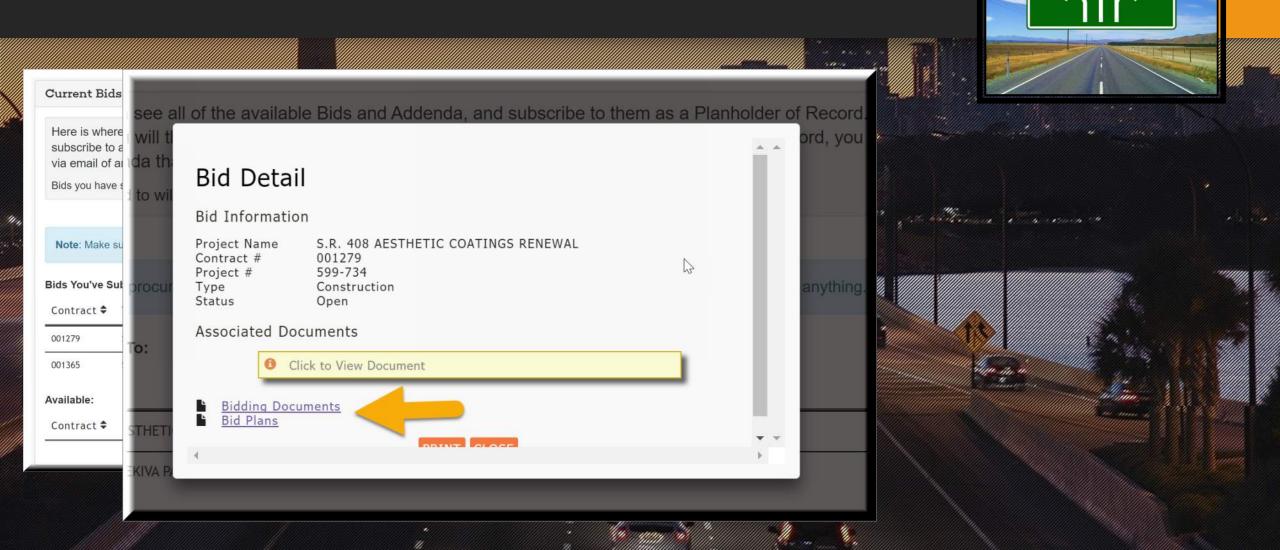
### Mile Marker 3 - Procurement Dashboard





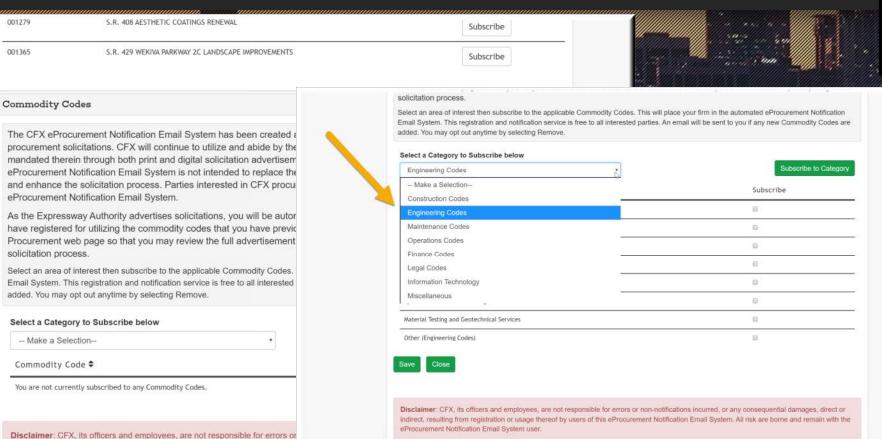


#### Mile Marker 3 - Current Bids



LEARNING

### Mile Marker 3 - Commodity Codes

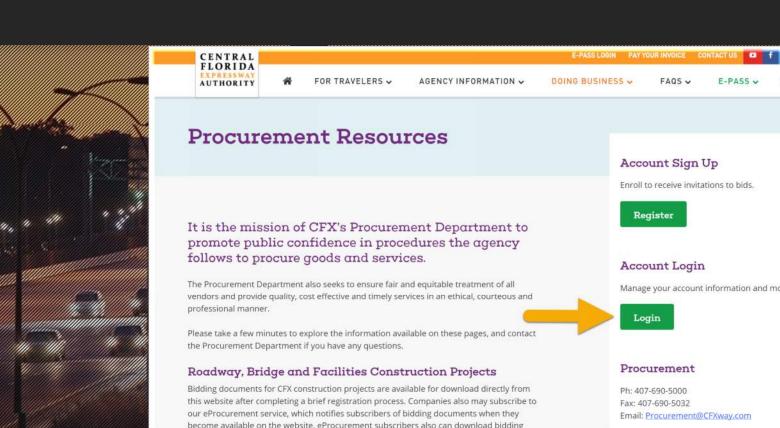


indirect, resulting from registration or usage thereof by users of this eProcurer

eProcurement Notification Email System user.



## Mile Marker 4 - Procurement Login



become available on the website. eProcurement subscribers also can download bidding documents from this site. Each time a company registers to download bidding documents, the planholder list is automatically updated. You don't have to register to view advertisements, planholder lists, original bid items and quantities or bid results.

#### Design Professional Services

CFX's Procurement Policy defines Design Professional Services as services "within the scope of the practice of architecture, professional engineering, landscape architecture or registered surveyor and mapper in connection with their professional employment or

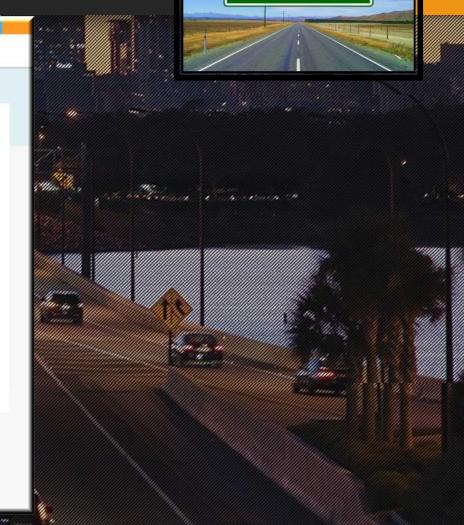
#### Account Sign Up

Enroll to receive invitations to bids.

#### Account Login

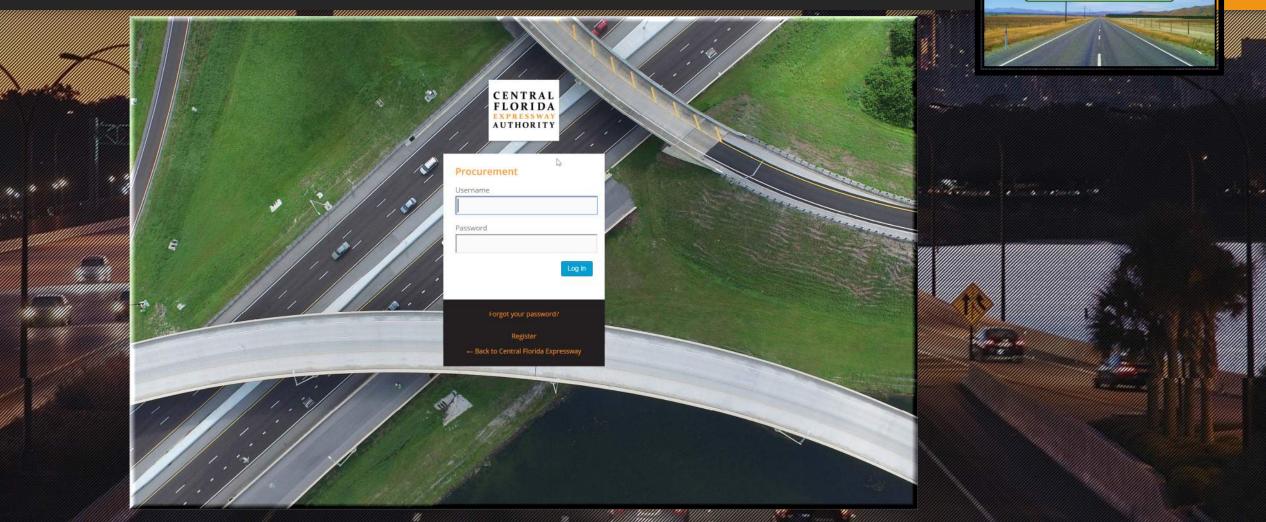
Manage your account information and more.

Email: Procurement@CFXway.com



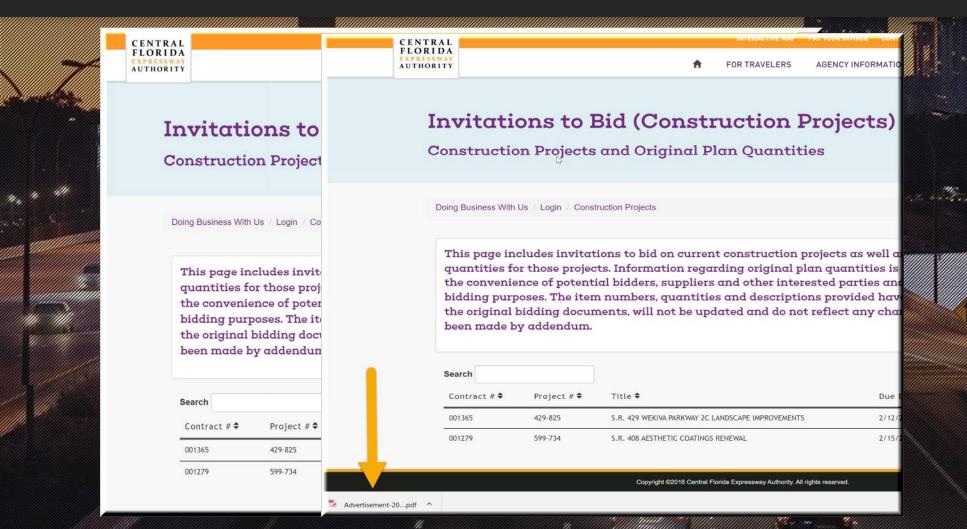
LEARNING

## Mile Marker 4 - Procurement Login



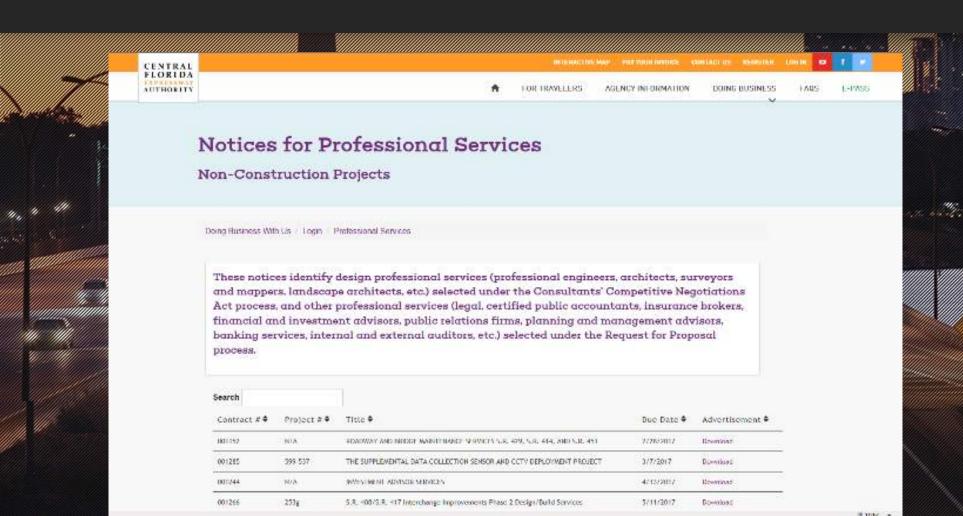
LEARNING

#### Mile Marker 4 - Invitation to Bid



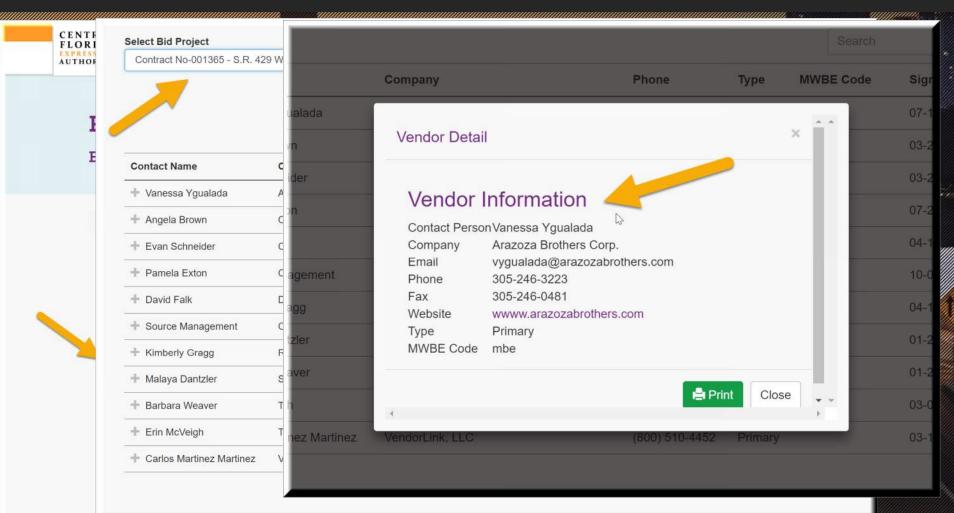


#### Mile Marker 4 - Notice to Professional Services



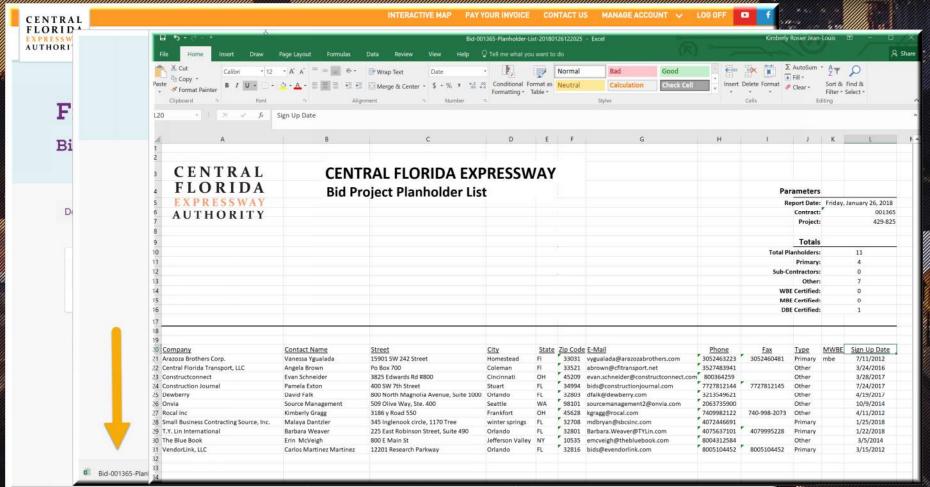


## Mile Marker 4 - Downloading Documents





## Mile Marker 5 - Bidding Resources







## **Road to Diversity**

**Mastering Business Diversity Programs** 



## Mile Marker 6 - Supplier Diversity

Title VI Complaint Procedures (Spanish)

Disadvantaged Business Enterprise Program

Title VI Complaint Form (Spanish)

City of Orlando MWBE Directory

Orange County MWBE Directory

Supplier Diversity

Title VI Complaint Form

Directories

FDOT DBE Directory

Ph: 407-690-5000





The Central Florida Expressway Authority (CFX) plays a vital role in the region's economy, providing either directly or indirectly thousands of jobs through planning, construction, operation and maintenance of our toll roads.

By ensuring a level playing field, businesses of all sizes are provided an equal opportunity to benefit as a CFX vendor. CFX conducts its business openly and transparently while seeking to represent the best interests of its customers, bondholders and community stakeholders.

#### Supplier Diversity Programs

The CFX Supplier Diversity Department's mission is to provide small, disadvantaged business enterprises (DBE), minority and women-owned enterprises (MzWBE) with an equal opportunity and equal access to participate in the Agency's procurement process. CFX sets a 15% disadvantaged, minority and women owned (D/MzWBE) business enterprise objective for CFX funded projects and recognizes D/MzWBEs certifications from the <u>City of Orlando, Orange County Government</u>, and the <u>Florida Department of Transportation</u>.

#### Project Areas:

Road & bridge construction

- Disadvantaged, Minority,
  Women Owned Business

  Terment Policy

  Employment Opportunity

   Disadvantaged, Minority,
  Women Owned Business
  Enterprise Program
  - Federal Disadvantaged
     Business Enterprise Program
  - Small Sustainable Business Enterprise Program

### Mile Marker 7 - D/M/WBE Objective



- Construction
- Maintenance
- Professional Services
- Commodities

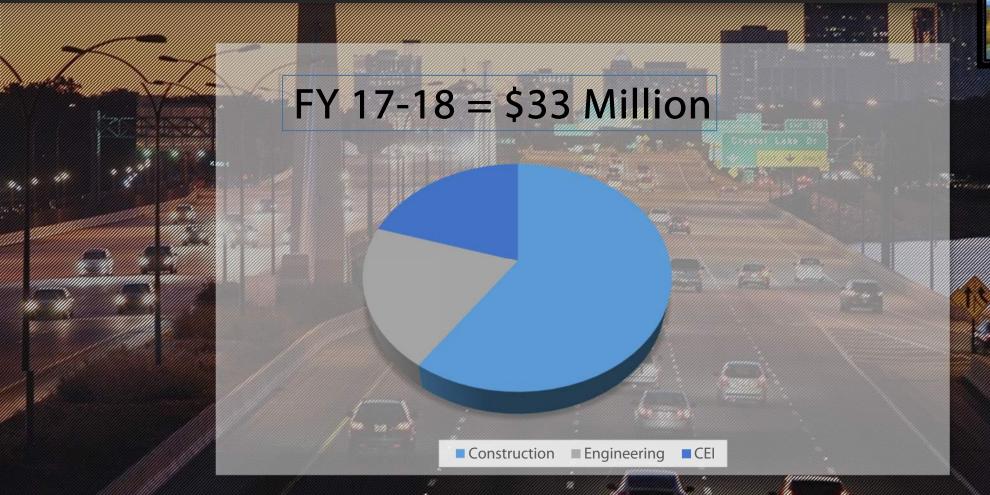
Program participant(s) shall be Independently Owned and Operated

• Business can not be affiliated or associated with the general contractor or prime contractor providing work or services on CFX project(s) or procurement in which the D/M/WBE seeks to participate.

Participants Certified by:

City of Orlando Orange County Florida Department of Transportation

## Mile Marker 8 - D/M/WBE

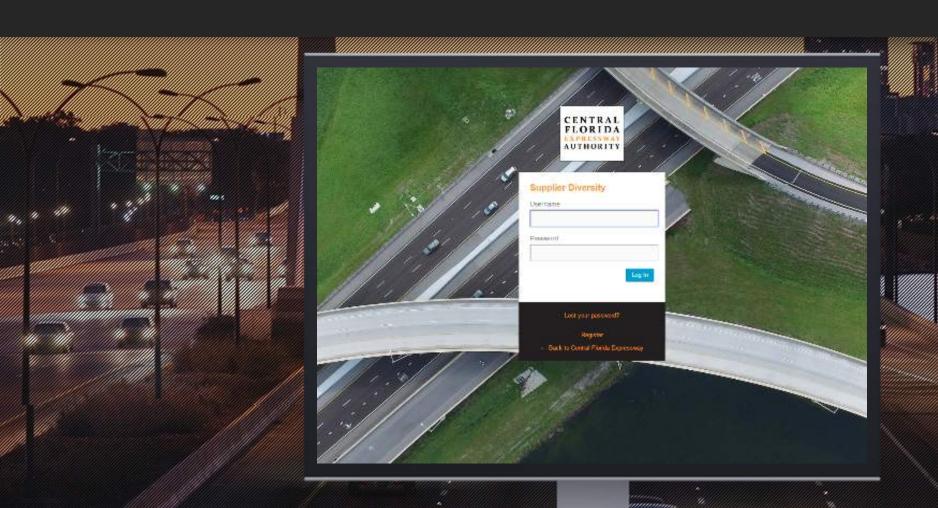




### Mile Marker 9 - SSBE Program

- LEARNING LEARNING
- Business must be local (within the Orange County SMSA)
- Must be independently owned and operated and providing a Commercially useful function for 1 year prior to application
- Annual gross sales, on average over the previous 3 years, cannot exceed:
  - Commodities \$5M
  - Professional Consulting and Contractual Services \$10M
  - Construction \$20M

## Mile Marker 10 - SSBE Login or Registration





## Mile Marker 11 - SSBE Registration



#### Register

Create a new account.

Supplier Diversity Program / Login | Register

Welcome! You are about to complete the on-line application for registration under the Central Florida Expressivaly Authority Supplier

If you have any questions or need help while completing the application small us at SupplierOlversity@CFXWay.com.or by phone at (407) 890-5000 (between 8.00 am = 5:00 pm eastern time).

Email Address

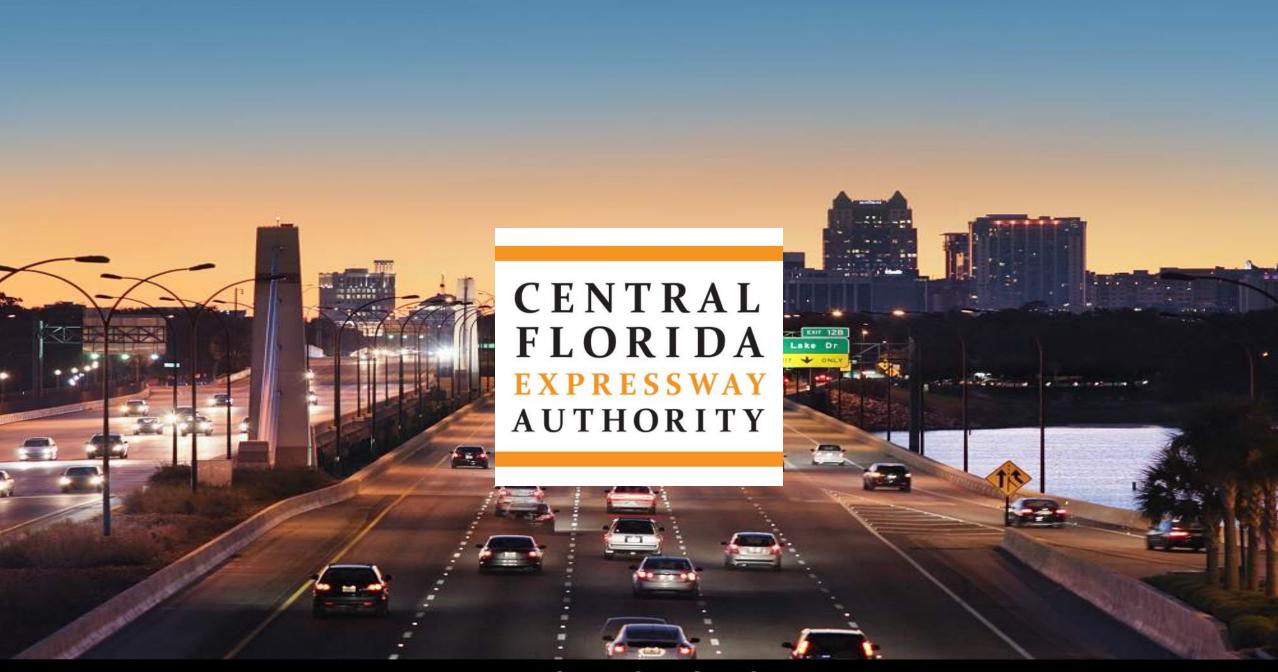
User name

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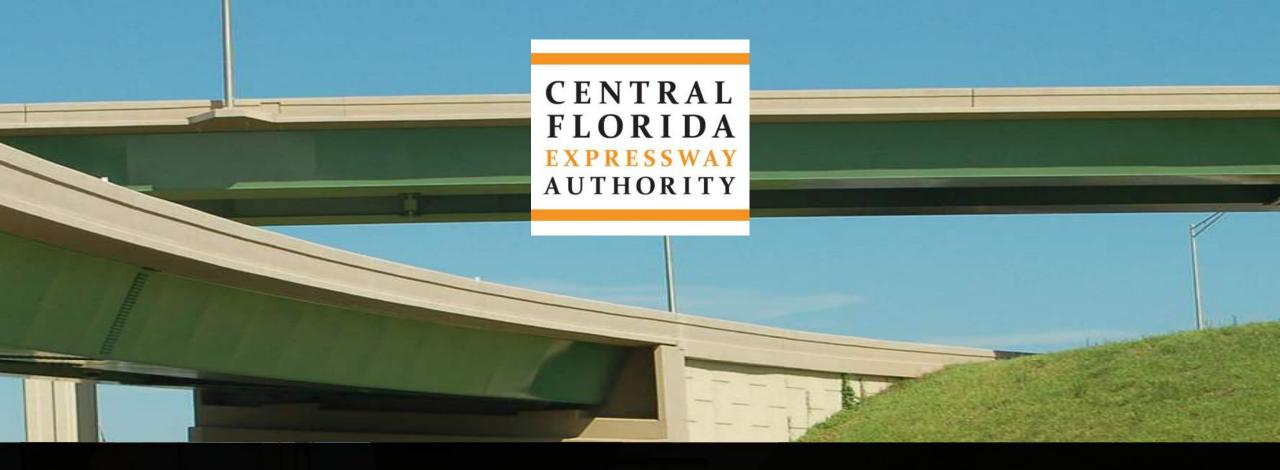
Confirm passwo

Regist

- Contact Information
- Business Information
- Scope of Services
- Owner and Shareholders
- Income
- Supporting Documents



- QUESTIONS -



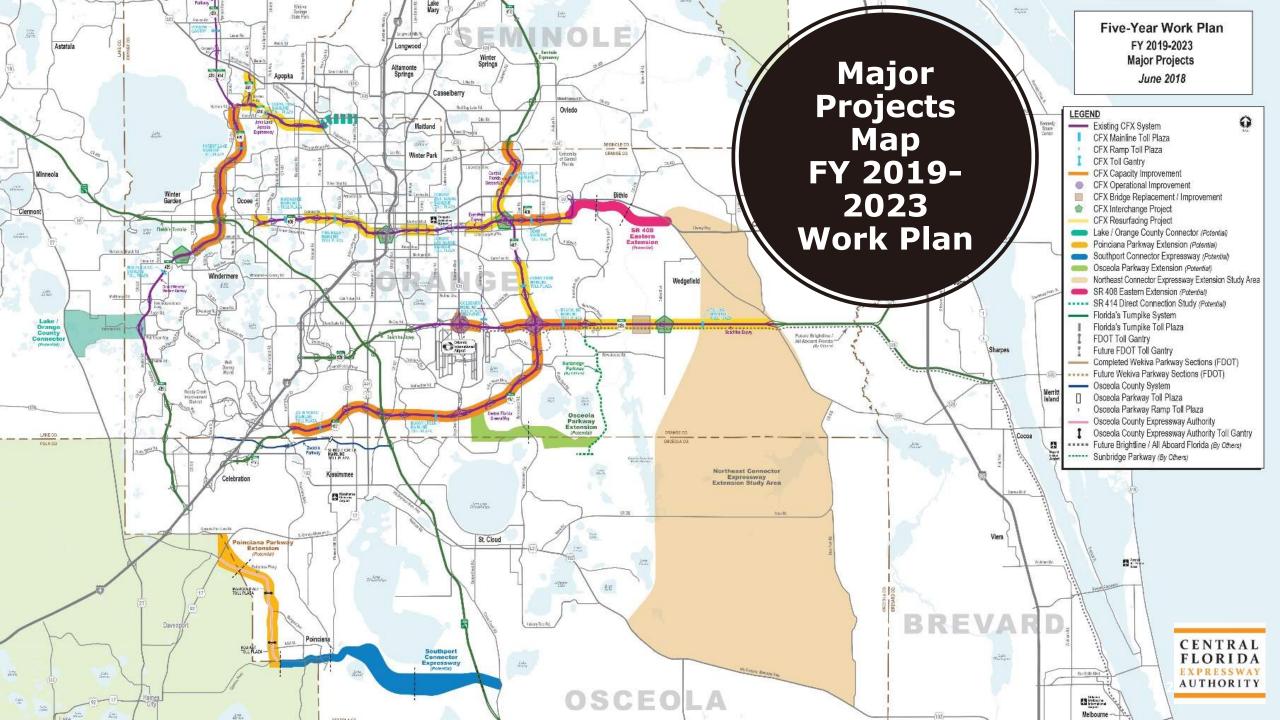
## **Engineering Industry Forum**2019 Design and Potential Expansion Projects

Will Hawthorne, P.E., Manager of Engineering Central Florida Expressway Authority

— January 10, 2019 —

#### FY 2019-2023 Work Plan

Project Cost Summary (\$000's)	Fiscal Year					
Category	2018/19	2019/20	2020/21	2021/22	2022/23	Totals
Existing System Improvements	96,511	154,899	315,199	155,569	46,983	769,161
System Expansion Projects	12,420	12,149	37,645	105,784	387,140	555,138
Interchange Projects	117,416	96,314	6,617	12,350	43,704	276,401
Facilities Projects	2,271	4,065	4,158	1,554	1,155	13,203
Transportation Technology Projects	14,065	9,009	5,554	3,989	3,138	35,755
Information Technology Projects	37,259	16,689	7,251	5,000	4,000	70,199
Signing and Pavement Markings	1,837	2,847	1,966	1,392	180	8,222
Renewal and Replacement Projects	44,000	58,165	31,203	35,335	8,119	176,822
Landscape Projects	810	805	1,435	810	805	4,665
Non-System Projects	0	0	0	0	0	0
TOTALS	326,589	354,942	411,028	321,783	495,223	1,909,565



## **Design Contracts / Projects**

#### Miscellaneous Design Consultant Services

#### Contract to be advertised February 3, 2019

- Prime shall be SSBE
- \$2.5 Million Over 3 Years
- 3 Year Contract with Option for 2, 1-Year Renewals
- As-needed Work Authorizations

#### **Project Types**

- Renewal and Replacement
- Miscellaneous System Improvements
- Facilities
  - Architectural, Mechanical, Electrical & Plumbing



#### **SSBE Design Team Qualifications**

#### Major Types of Work:

• 3.1 – Minor Highway Design

Additional Types of Work Required (Can be Prime <u>or</u> Subconsultants):

- 3.2 Major Highway Design
- 4.1 Miscellaneous Structures and Minor Bridge Design
- 6.1 Traffic Engineering Studies
- 6.2 Traffic Signal Timing
- 6.3 Intelligent Transportation Systems Analysis, Design and Implementation
- 7.1 Signing, Pavement Marking, and Channelization

- 7.2 Lighting
- 7.3 Signalization
- 8.1 Control Surveying
- 9.1 Soil Exploration
- 9.2 Geotechnical Classification Lab Testing
- 9.4 Foundation Studies
- 14 Architect
- 15 Landscape Architect

Disadvantaged / Minority / Women Owned Business Enterprise Program:

15% participation objective



#### **Design Team Qualifications**

- Major Types of Work:
  - 3.2 Major Highway Design
  - 3.3 Controlled Access Highway Design
- Additional Types of Work Required:
  - 4.1 Miscellaneous Structures and Minor Bridge Design
  - 6.1 Traffic Engineering Studies
  - 6.3 Intelligent Transportation Systems Analysis, Design and Implementation
  - 7.1 Signing, Pavement Marking, and Channelization
  - 7.2 Lighting
  - 7.3 Signalization

- 8.1 Control Surveying
- 8.2 Design, Right of Way and Construction Surveying
- 8.4 Right of Way Mapping
- 9.1 Soil Exploration
- 9.2 Geotechnical Classification Lab Testing
- 9.4 Foundation Studies
- Disadvantaged / Minority / Women / Business Enterprise Participation:
  - 20% participation objective for each Project



## **Design Team Requirements**

Prime Executes 60% of the Scope

Key Local Resources:

Project Manager

Roadway

Drainage & Permitting



## **SR 417 Widening** *Boggy Creek Road to Narcoossee Road*

4.5 Miles

Add lanes, mill & resurface



## **SR 417 Widening** *Boggy Creek Road to Narcoossee Road*





## **SR 417 Widening** *Boggy Creek Road to Narcoossee Road*

#### **Challenges**

Adjacent project coordination

- South Project 417-149
- North Project 417-150
- Narcoossee (SR 15) Widening
- Potential connection to Osceola Parkway Extension



### **SR 528 Widening**

#### Narcoossee Road to SR 417 (STA 910 to 1010)

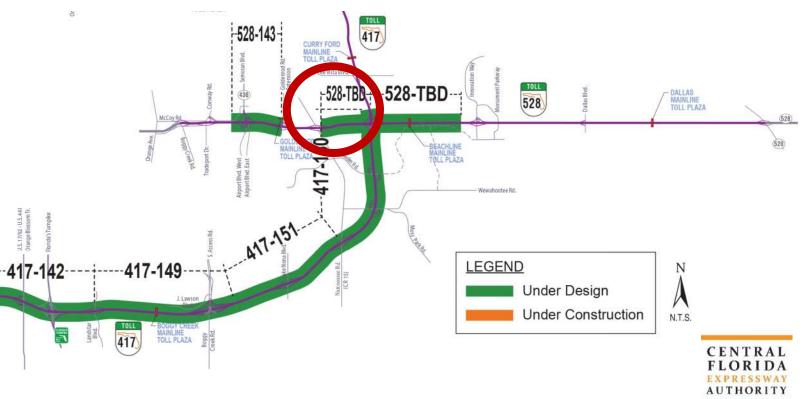
#### 1.8 Miles

Add lane, mill & resurface

#### Advertisement:

• July 2019

Design Fee = \$1.6M

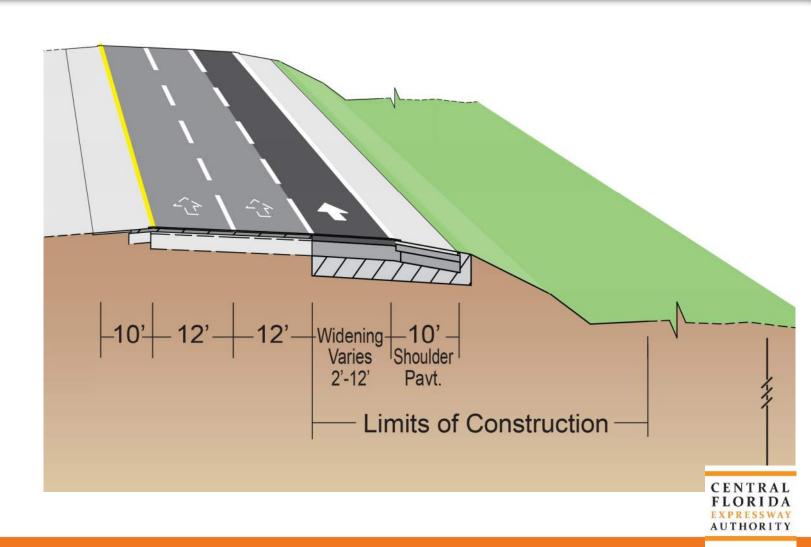


## SR 528 Widening Narcoossee Road to SR 417 (STA 910 to 1010)

Widen eastbound direction only

#### Challenges:

- All Aboard Florida (AAF) coordination
- Adjacent project coordination (528-143)



### **Potential Expansion Projects**

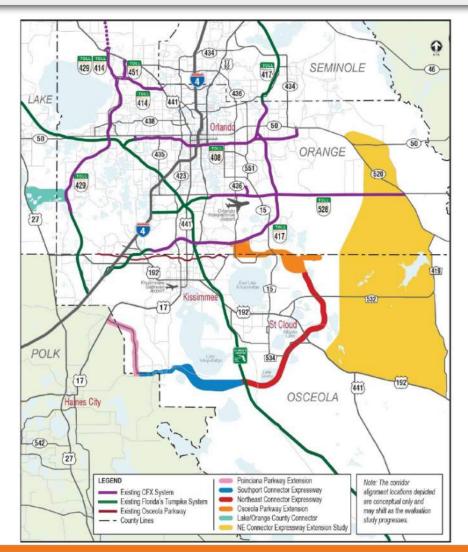


### **System Expansion Projects**

Osceola Parkway Extension (Potential)

Lake/Orange County Connector (Potential)

Poinciana Parkway Extension (Potential)





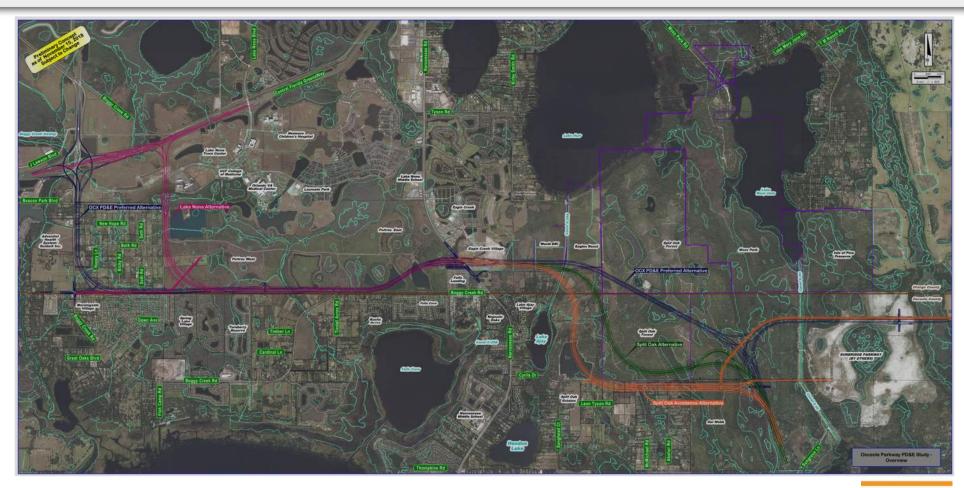
## Osceola Parkway Extension Boggy Creek Road to Sunbridge Parkway

Boggy Creek Road to Sunbridge Parkway

PD&E Re-Evaluation Study Complete Spring 2019

9 Centerline Miles

Final Design Est. \$60.0M





## Lake / Orange County Connector US 27 to SR 429

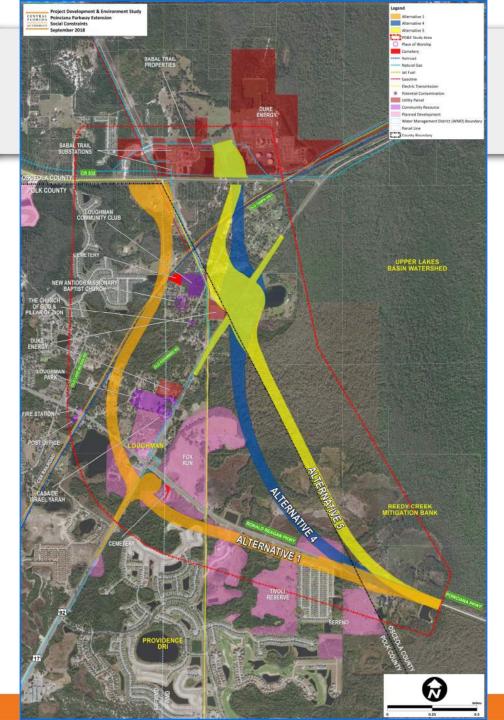
US 27 – SR 429

PD&E Study Complete Spring 2019

5 Centerline Miles

Final Design Est. \$15.1 M





### Poinciana Parkway Extension Cypress Parkway to CR 532

Cypress Parkway to CR 532

PD&E Study Complete Fall 2019

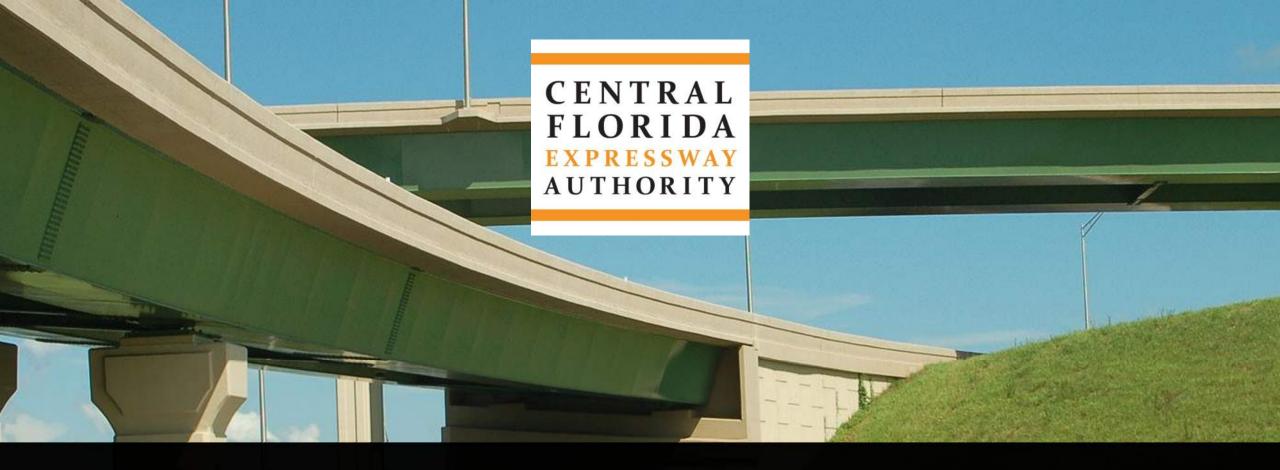
10 Centerline Miles

Phase 1 Final Design Estimate \$13.3 M





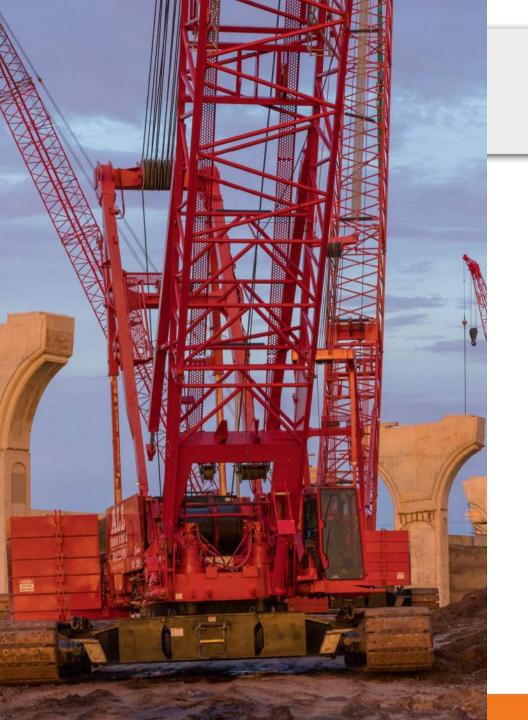
### **Questions?**



# **Engineering Industry Forum**2019 Construction Oversight

Ben Dreiling P.E., Director of Construction Central Florida Expressway Authority

— January 10, 2019 —



# **Construction Management Consultant Contract (CMC)**

#### Advertisement:

• February 3, 2019

3 Year Contract with 2, 1-year Renewals

As-needed Work Authorizations



### **CMC Qualifications**

#### Types of Work:

- 10.1 Roadway Construction
- 11.0 Engineering Contract Administration



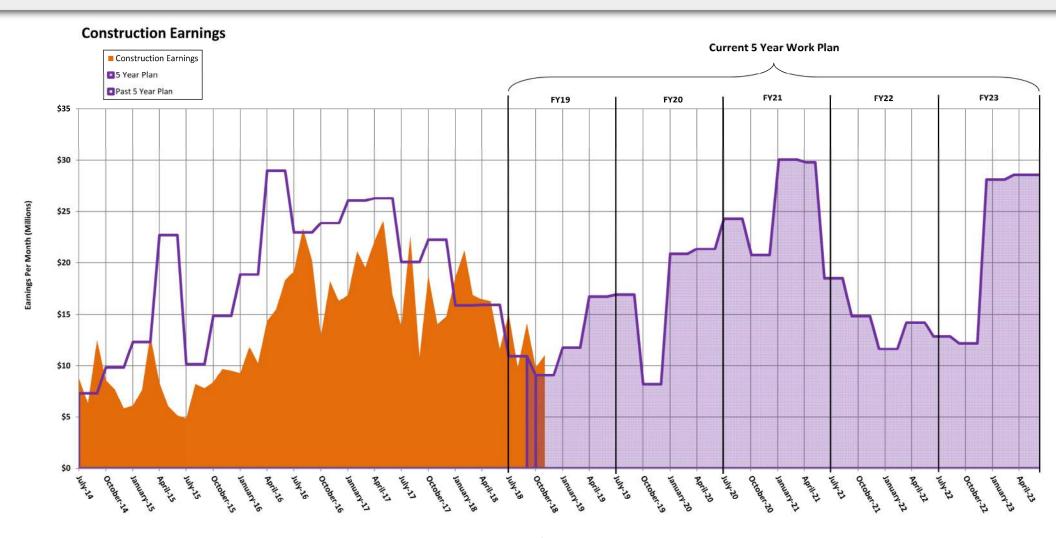
### **CMC Scope**

- Construction project management
- Independent oversite and assurance
- Environmental liaison
- Constructability reviews
  - Phasing, MOT, etc.



### **CEI Projects**

### **Construction Earnings**





### **CEI Qualifications**

#### Major types of work:

- 10.1 Roadway Construction
- 10.3 Construction Materials Inspection
- 10.4 Minor Bridge and Miscellaneous Structures
- 10.5 Major Bridge (Optional)



#### SR 528 / SR 436

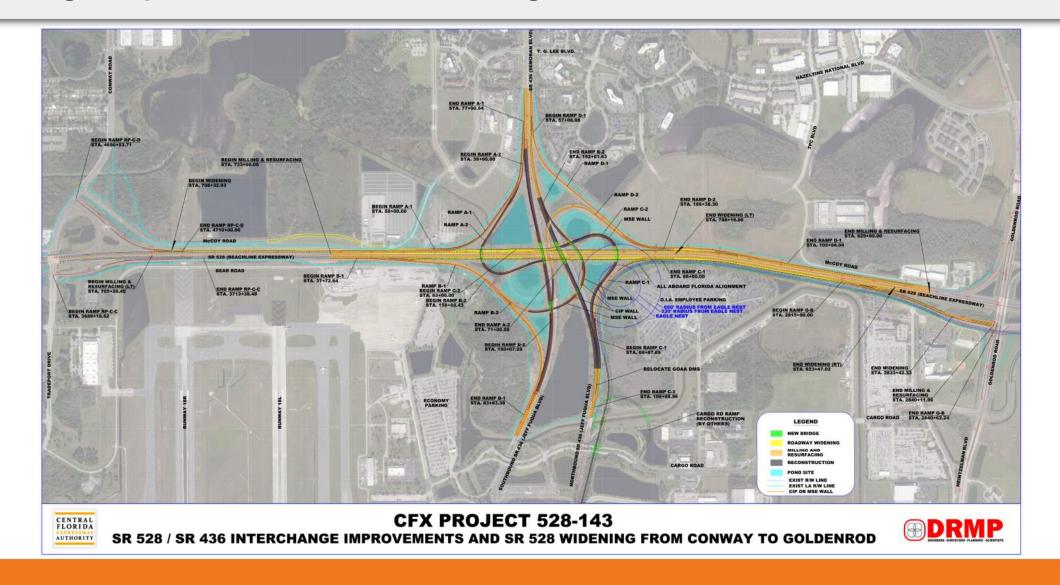
#### Interchange Improvements and Widening to Goldenrod Road

- CEI Project (528-143)
- Advertisement:
  - July 2019
- \$75M estimated construction cost
  - Demolition of existing bridges and widening of SR 528 to provide:
    - Full interchange
    - 6 general use lanes through the interchange area
    - Auxiliary lane eastbound to Goldenrod Road and westbound to Conway Road



#### SR 528 / SR 436

#### Interchange Improvements and Widening to Goldenrod Road



CENTRAL

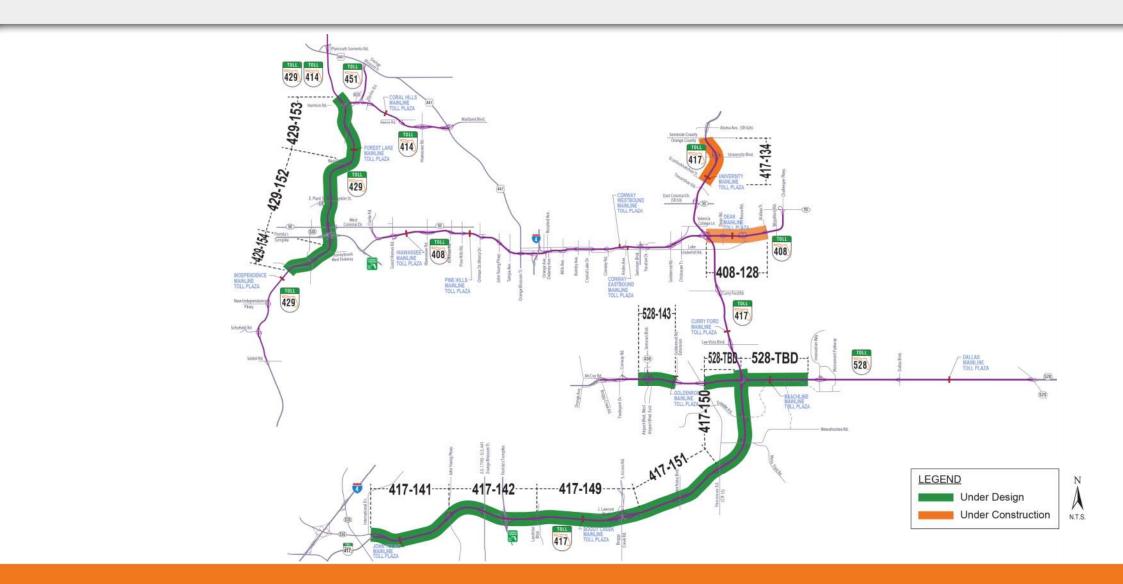
#### SR 528 / SR 436

#### Interchange Improvements and Widening to Goldenrod Road

- Challenges:
  - Maintenance of Traffic (MOT)
  - 7 Bridges
  - Coordination with:
    - All Aboard Florida (AAF)
    - Greater Orlando Aviation Authority (GOAA)
    - Federal Aviation Authority (FAA)



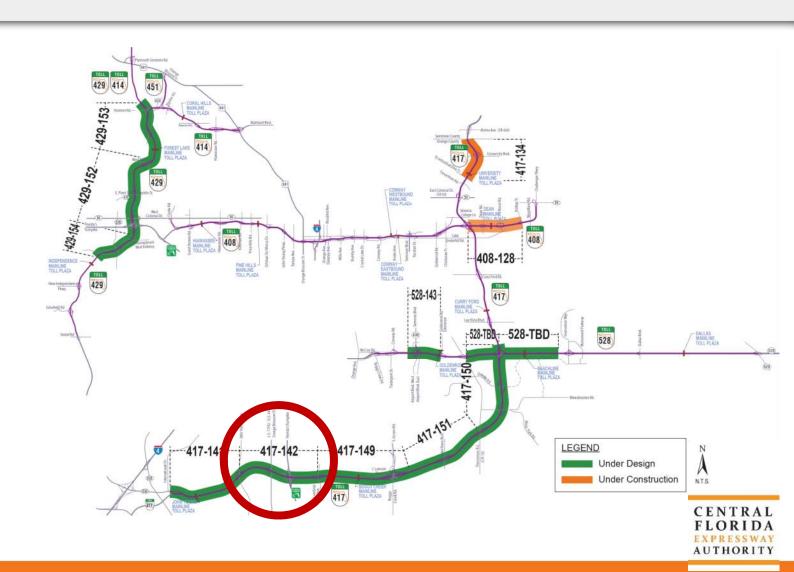
### **Status of System Widening Projects**



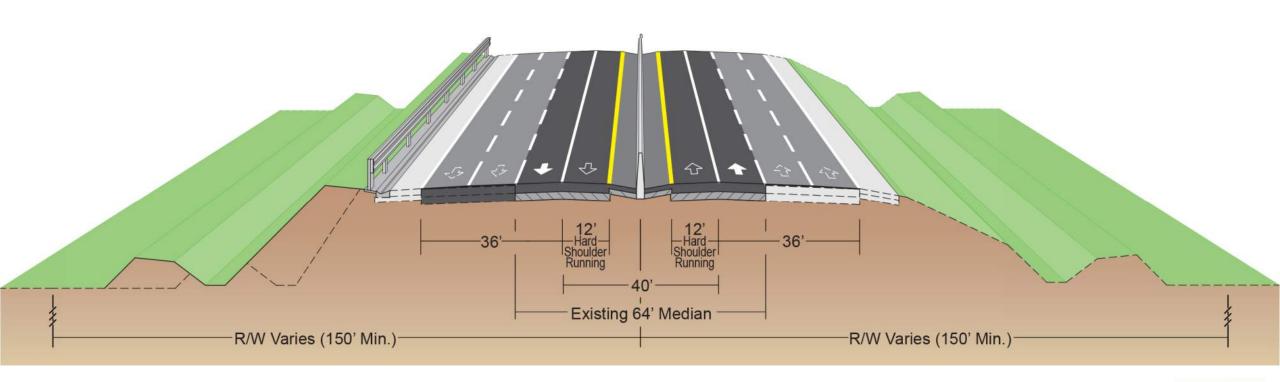


## SR 417 Widening John Young Parkway to Landstar Road

- CEI Project (417-142)
- Advertisement:
  - July 2019
- \$80M estimated construction cost
  - Widen to the inside:
    - For additional general use lane
    - To accommodate part-time shoulder use with appropriate shoulder width



# **SR 417 Widening** *John Young Parkway to Landstar Road*





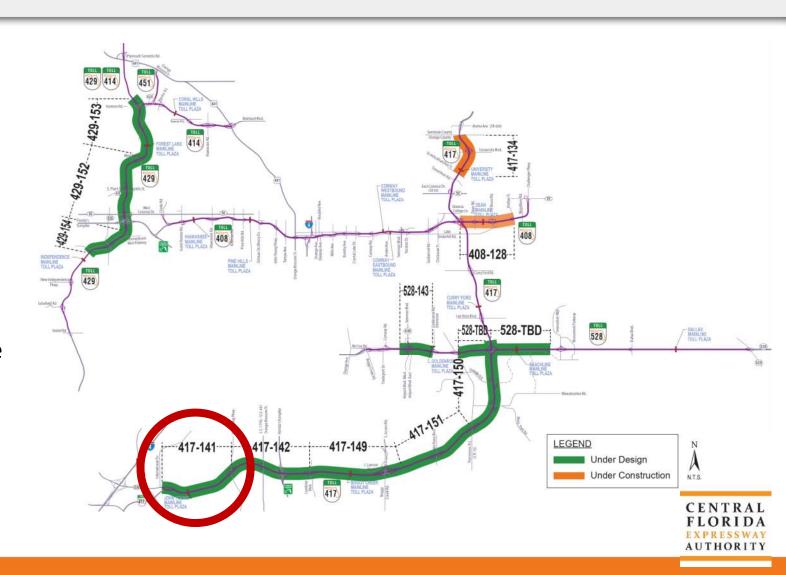
# **SR 417 Widening** *John Young Parkway to Landstar Road*

- Challenges:
  - Coordination with Florida's Turnpike Enterprise
  - 6 Sets of Bridge Widenings
  - 3<sup>rd</sup> level bridge for braided ramp to Landstar
  - Tight right-of-way
  - Adjacent project coordination:
    - West Project 417-141
    - East Project 417-149



# SR 417 Widening I-Drive to John Young Parkway

- CEI Project (417-141)
- Advertisement:
  - October 2019
- \$80M estimated construction cost
  - Widen to the inside:
    - For additional general use lane
    - To accommodate part-time shoulder use with appropriate shoulder width



# SR 417 Widening *I-Drive to John Young Parkway*





# SR 417 Widening I-Drive to John Young Parkway

- Challenges:
  - Shingle Creek Crossing
  - 4 Sets of Bridge Widenings
  - Toll Plaza Modifications
  - Adjacent project coordination:
    - East Project 417-142



### **Summary**

- Design
  - SSBE Miscellaneous Design Consultant
    - Advertisement: February 3, 2019
  - SR 417 Widening from Boggy Creek Road to Narcoossee Road (417-151)
    - Advertisement: February 17, 2019
  - SR 528 Widening from Narcoossee Road to SR 417 (528-TBD)
    - Advertisement: July 2019
- Potential Expansion Projects
  - Osceola Parkway Extension
    - PD&E Re-Evalualtion Complete: Spring 2019
  - Lake / Orange County Connector
    - PD&E Complete: Spring 2019
  - Poinciana Parkway Extension
    - PD&E Complete: October 2019

- CMC
  - Independent Assurance / Quality Assurance
    - Advertisement: February 3, 2019
- CEI
  - SR 528 / SR 436 Interchange Improvements and Widening to Goldenrod Road (528-143)
    - Advertisement: July 2019
  - SR 417 Widening from John Young Parkway to Landstar Road (417-142)
    - Advertisement: July 2019
  - SR 417 Widening from I-Drive to John Young Parkway (417-141)
    - Advertisement: October 2019



## **Final Questions?**