



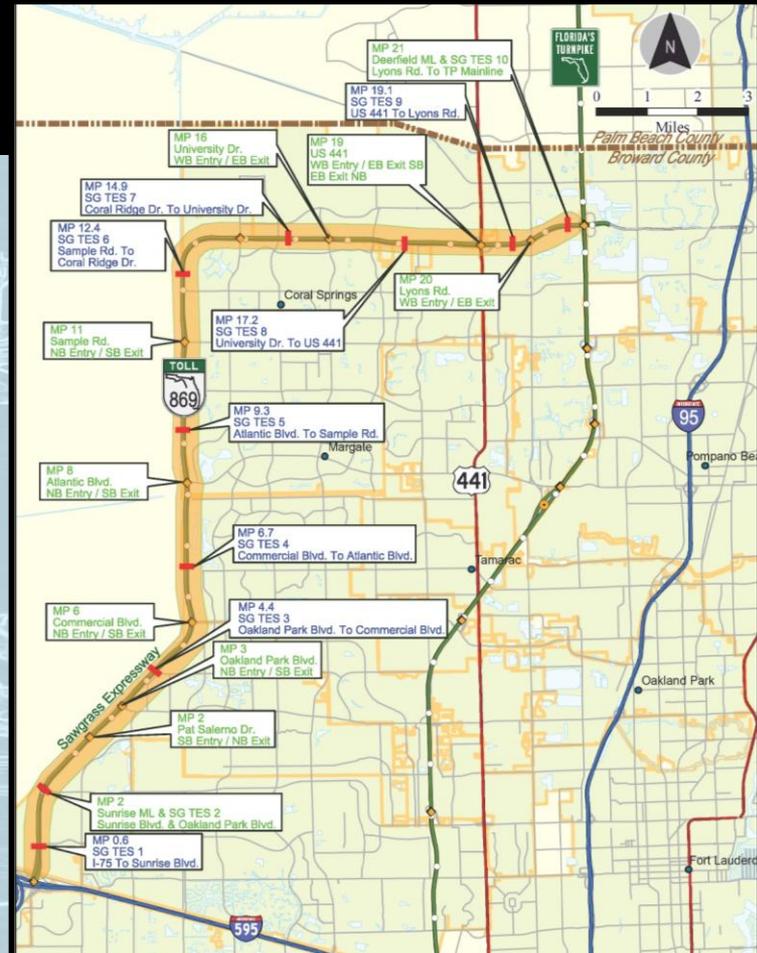
# **Design/Build Deliverables**

**Pilot Project – FTE AET 5B**



# Project Location

- Sawgrass Expressway
  - Broward County
  - 22 Miles
  - Existing Toll Plazas
    - 2 Mainline Plazas
    - 15 Ramp Plazas at 8 Interchanges





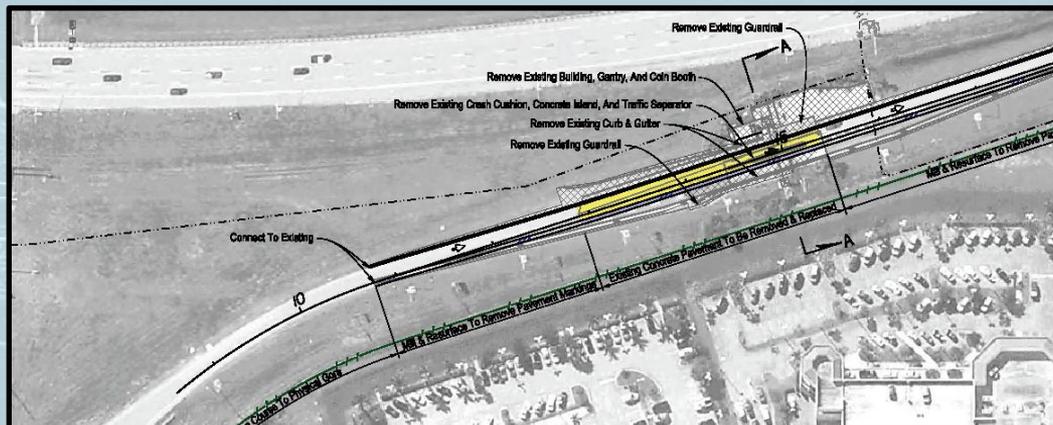
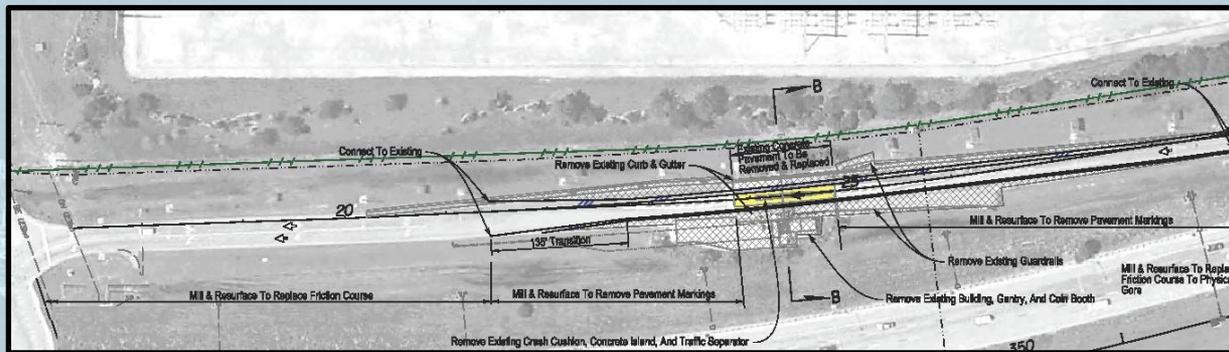
# Summary of Improvements

- Convert 2 Mainline Plazas to AET  
(Sunrise Mainline & Deerfield Mainline)
- Construct 8 New Mainline Tolling Points
- Remove 15 Ramp Plazas
- Widen Turnpike Southbound Exit Ramp to Westbound Sawgrass Expressway to 2 Lanes
- Convert Existing Sunrise Mainline Administration Building for Adaptive Reuse





# Typical Ramp Plazas





# FTE Design/Build Process Review

## Task Team Recommendation

→ Gather geotechnical and survey information prior to issuance of RFP and distribute to all potential proposers.

## Pilot Project Implementation

→ Obtained survey + geotechnical data prior to RFP release

## Task Team Recommendation

→ Establish distinct “strike team” to handle development of RFP and review of documents for DOT

## Pilot Project Implementation

→ Utilized project specific Strike Team to develop RFP.



# FTE Design/Build Process Review

## Task Team Recommendation

→ Elicit input from Industry on RFP language prior to RFP release date

## Pilot Project Implementation

→ RFP made available for industry review 5 weeks prior to advertisement date

## Task Team Recommendation

→ Enhance CEI responsibilities in handling RFI requests + shop drawing reviews

## Pilot Project Implementation

→ Will be addressed during the pre-advertisement meeting with CEI firms



# FTE Design/Build Process Review

## Task Team Recommendation

- Reduce submittal requirements for proposals and construction drawing packages

## Pilot Project Implementation

- Reduced submittal requirements
  - Project schedule to show roll-up of activities (Proposal)
  - No cross-section sheets required
  - No summaries of quantities or pay items
  - No typical section package
  - No computation book



# FTE Design/Build Process Review

## **Task Team Recommendation**

→ Provide sufficient time for RFP preparation and allow for review by responsible departments within DOT (Production, Construction, Maintenance + Tolls)

## **Pilot Project Implementation**

→ Project schedule was developed accordingly

## **Task Team Recommendation**

→ Implement a less-stringent plan review process

## **Pilot Project Implementation**

→ Included specific language in RFP regarding reduced number of reviews and required information at each submittal



# Additional Recommendations for Future Projects

- Revise PPM to reflect reduced plan preparation requirements for D/B projects
  - Example - Signing and Marking plan – roll plot acceptable
  - Example - Drainage Structure cross-sections – not required
- Revise requirements for number of plan submittals and the composition of those submittals
  - Example - Eliminate Phase III submittal and replace Phase I with 45% development
  - Example - 45% submittal would concentrate on drainage and TCP
- Establish a shared-risk process for utility impacts
- Establish a mechanism for Department directed changes for unforeseen items or additions to the RFP
- Evaluate the ability to use incentives/disincentives for project milestones
- Revise review process (e.g. expedited, over-the-shoulder, etc...)
- Establish a process for selecting suitable candidate projects for D/B



**QUESTIONS?**

**AET Phase 5B - FPID 431281-1**