



I-4 Beyond the Ultimate

Central Florida MPO Alliance

July 9, 2021



Agenda

- i. I-4 BtU Overview
- ii. I-4 Ultimate and Sand Lake Rd Update
- iii. Re-imagining the I-4 corridor
- iv. I-4 BtU South Discussion
 - East of SR 528 to US 192
 - US 192 to US 27
- v. I-4 BtU North Introduction
- vi. Next Steps
- vii. Programming Update
- viii. Questions



I-4 Beyond the Ultimate Overview



Goals of I-4 Beyond the Ultimate

- Increase safety
- Increase mobility/ease congestion
- Increase connectivity among Central Florida communities
- Support the region's economy and lifestyle long into the future

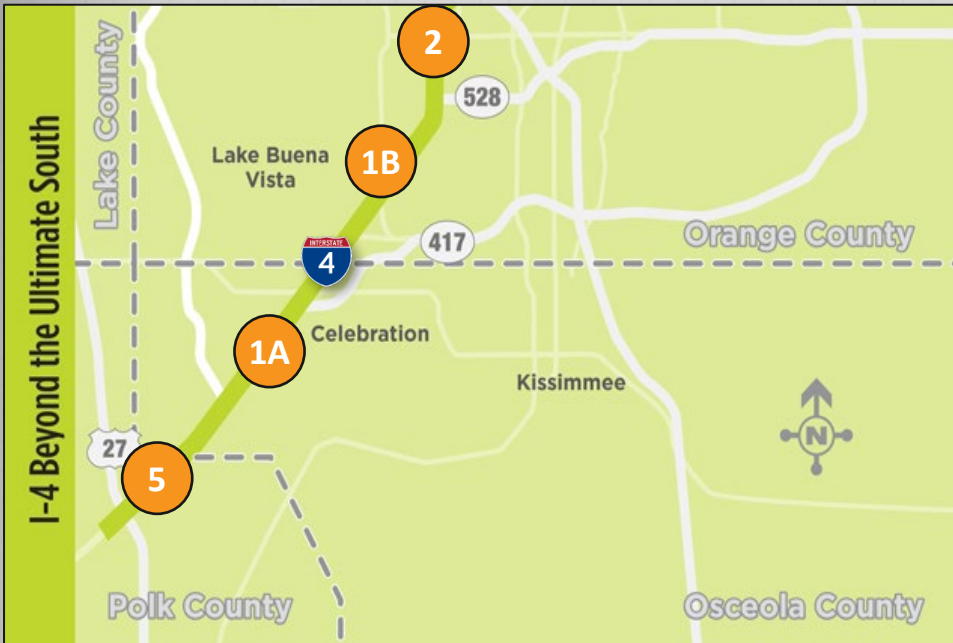


Rendering of Sand Lake Road
(State Road 482)



Approved I-4 BtU South Segments

I-4 BtU *South* Segments Funding Status

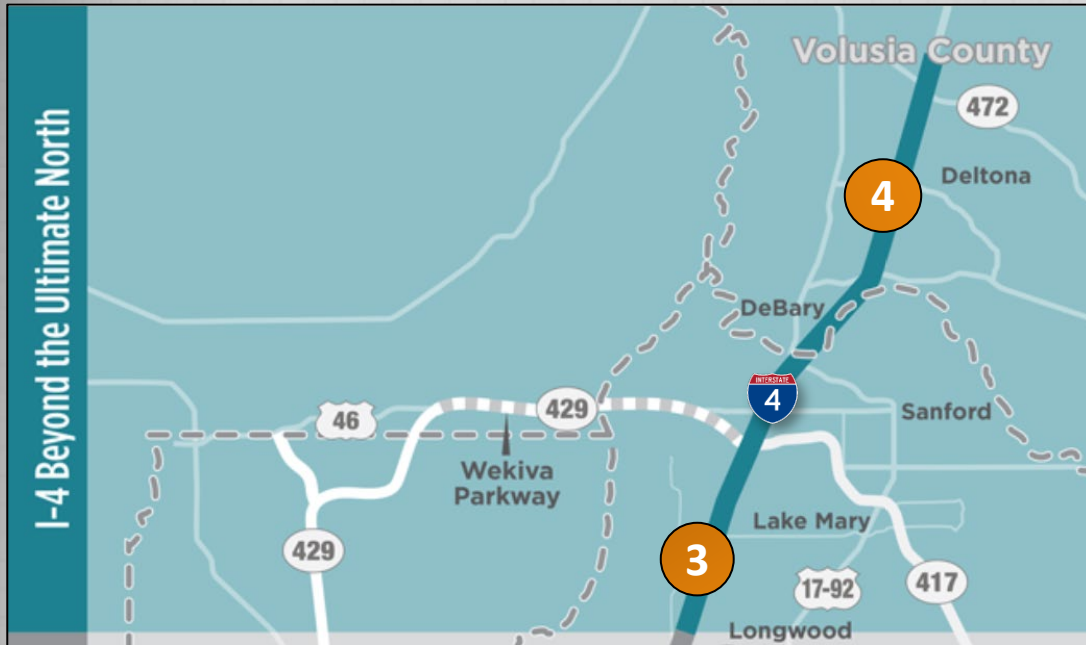


I-4 BtU Segment	Construction Cost	Right of Way
FPN: 242484-7 Segment 2	\$765M (FY 32)	\$54M (FY 18-22)
FPN: 242484-8 Segment 1B	\$1.23B (unfunded)	\$708*M (FY 20-24) (partially funded)
FPN: 431456-1 Segment 1A	\$995M (unfunded)	\$68M (unfunded)
FPN: 201210-3 Segment 5	\$318 M (unfunded)	\$49M (unfunded)
	Approx. Total \$3.3B	

*Includes Crossroads and Daryl Carter



Approved I-4 BtU North Segments



I-4 BtU *North* Segments Funding Status

I-4 BtU Segment	Construction Cost	Right of Way
FPN: 242592-4 Segment 3	\$621M (FY 32)	\$37M (FY 22-26)
FPN: 408464-2 Segment 4	\$572M (unfunded)	\$52M (unfunded)
	Approx. Total \$1.2B	

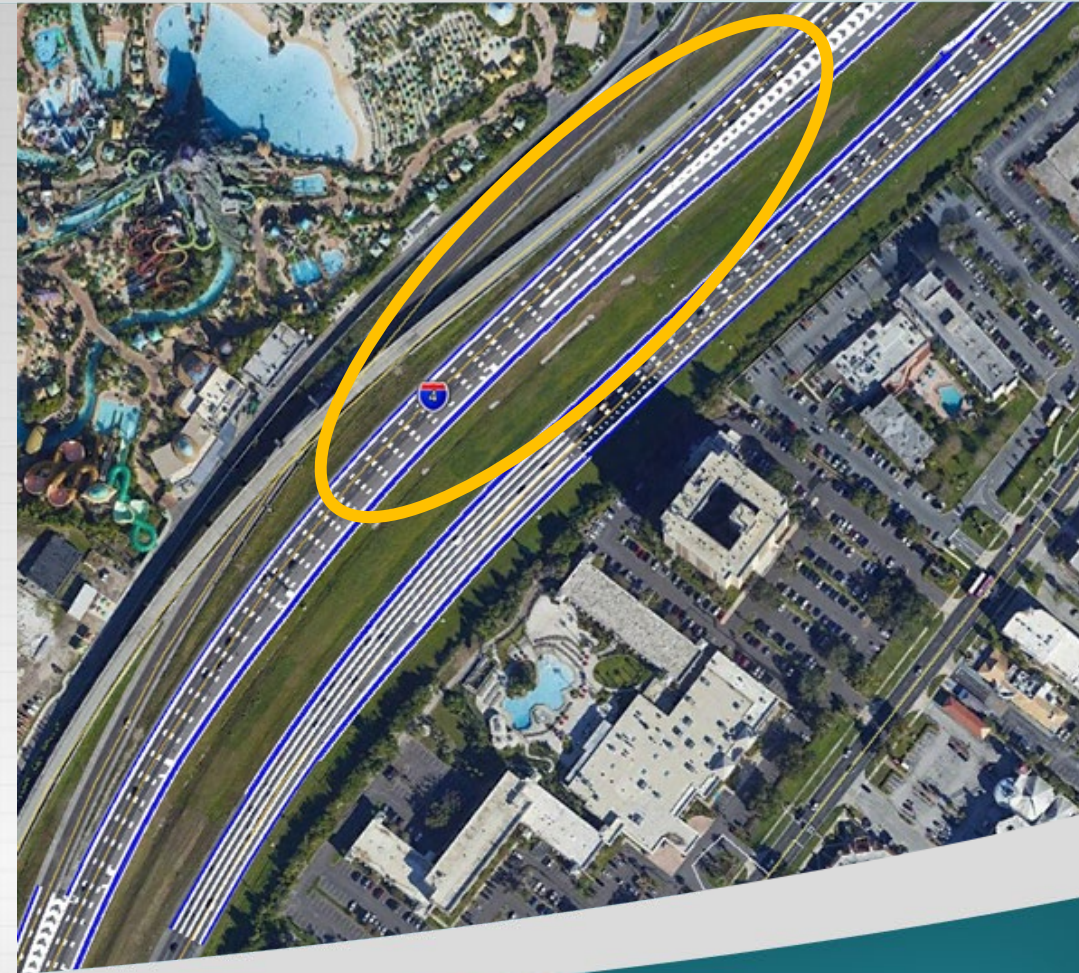


I-4 Ultimate and Sand Lake Rd Update



I-4 WB Express Lane Transition

- I-4 Express Lanes expected to open by end of 2021
- Analysis being done to evaluate westbound managed lanes transition point





Sand Lake Road (SR 482) Interchange

- **FPID: 444315-1**
- **Anticipated letting: Spring 2022**
- **Design-build**
- **Estimated construction cost: \$208 Million**
- **Diverging diamond interchange**
- **Additional capacity to I-4**





Re-imagining the I-4 Corridor



Value Engineering Approach

- Revisit typical section
- Capacity via GULs and/or managed lanes
- Access assumptions
- Size and cost of projects





Opportunities

- Updated policies/guidance
 - FDOT Managed Lanes Policy vs. Express Lane Policy
 - Evolved guidance on direct connects and ingress/egress points
- New parameters
 - Options with Managed Lane separation types
- Industry feedback and lessons learned
 - Size and cost of projects





Evaluation Approach

- Maintain Purpose and Need from I-4 BtU PD&E
- Stay within ROW defined by I-4 BtU PD&E
- Provide similar traffic operations
- Identify cost saving opportunities
- Recognize need for re-evaluations
- Engage stakeholders





I-4 BtU South: SR 528 to US 192

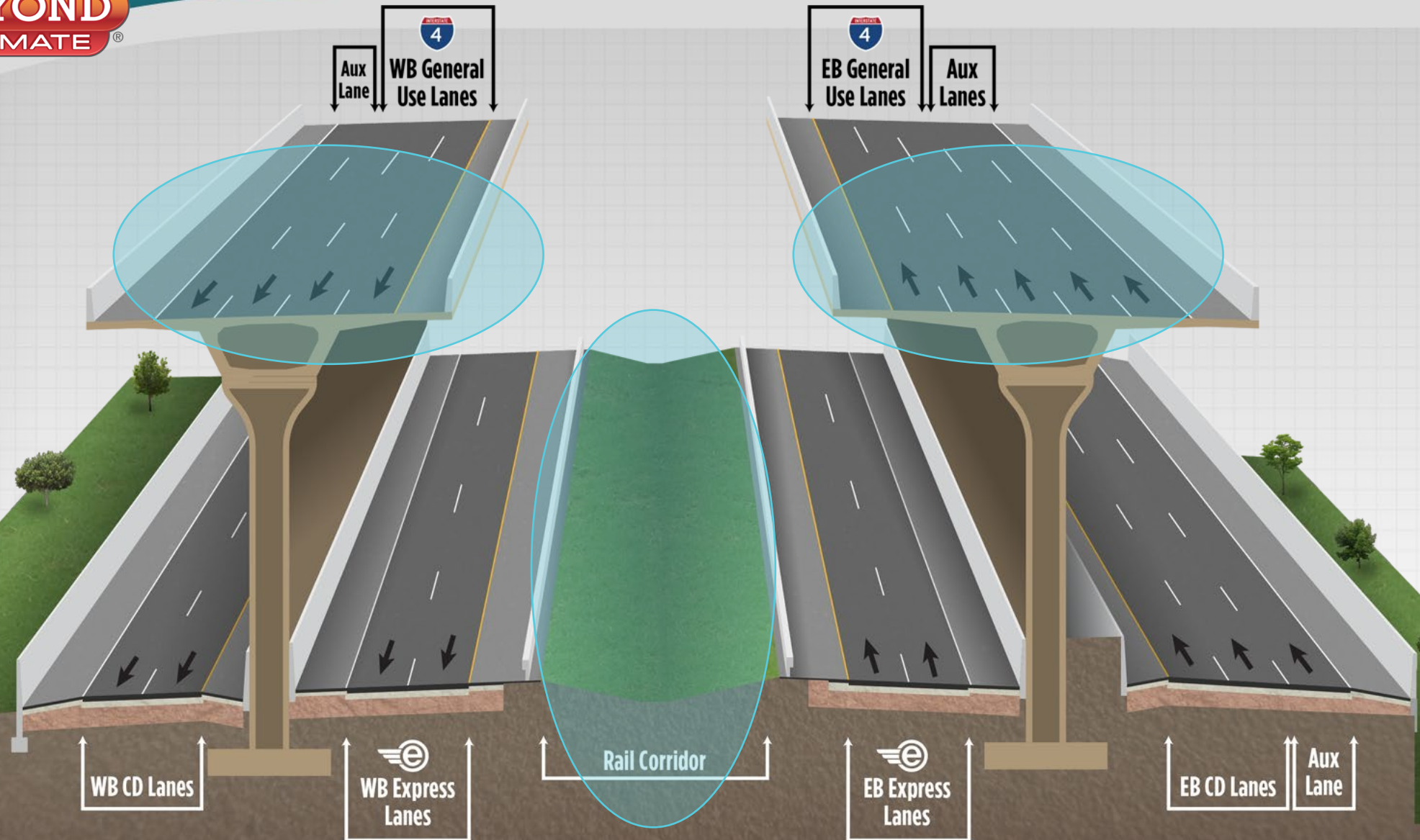
- Key Elements of Value Engineered Concept
 - Mainline at-grade
 - Buffer separation
 - Access points
 - Reconfiguration of interchanges
 - Collector-distributor system



Concept rendering of Daryl Carter Parkway Interchange

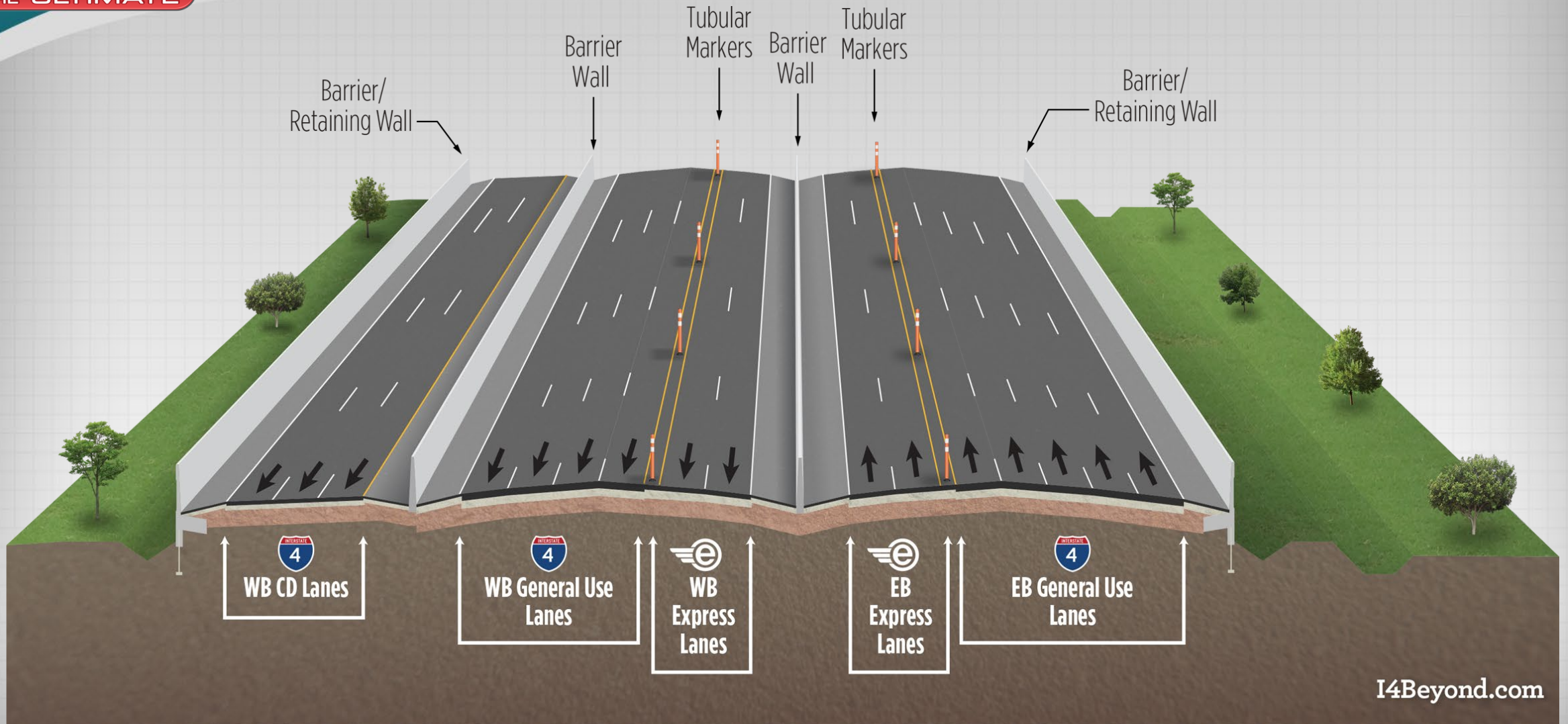


I-4 Beyond the Ultimate Segment 1B Typical Section





I-4 Beyond the Ultimate South Potential Typical Section





I-4 BtU South: US 192 to US 27

- Currently evaluating alternatives
- Close coordination with Brightline
- Consideration of District 1 and Florida's Turnpike Enterprise projects in area



Rendering of diverging diamond interchange at I-4 and C.R. 532



I-4 BtU North: SR 434 to SR 472

Project Evaluation Underway

- Operational needs
- Available funding





Next Steps

- Continue stakeholder outreach
- Refine concepts based on feedback
- Schedule future discussions
- Adjust approach and implementation plan as funding opportunities arise



Programming Update



Programming Update

- **FPID: 444187-1 - DDI at CR 532 Interchange with I-4**
 - **Awarded March 2021, estimate completion fall 2022**
- **FPID: 444329-1 - Add Aux Lanes along I-4 (EB & WB) CR 532 to SR 429**
 - **Design underway, letting August 2021**
- **FPID: 443958-1 - M&R I-4 from Polk County line to West of SR 417**
 - **Design underway, letting August 2021**
- **FPID: 441113-1 - Interim Daryl Carter Interchange**
 - **Anticipated letting January 2022**
- **FPID: 444315-1 - Sand Lake Road (SR 482) Interchange**
 - **Anticipated letting May 2022**



Programming Update

- **FPID: 439682-4 – E.E. Williamson Rd Bridge Reconstruction**
 - Estimate Completion Summer 2021
- **FPID: 439682-3 – EB I-4 New Auxiliary Lane from I-4 Ultimate to Lake Mary Blvd.**
 - Estimate Completion Summer 2021
- **FPID: 439682-1 – Repaving WB I-4 in Seminole County**
 - Estimate Completion Summer 2021
- **FPID: 240200-4 – Wekiva Parkway – Section 8**
 - Interchange completes beltway
 - Estimate Completion Spring 2023

QUESTIONS?

Atlas

