



US 41/SR 45/South 50th Street at CSX Grade Separation PD&E Re-evaluation

**Hillsborough County MPO – CAC Update
Upcoming Alternatives Public Workshop**

September 11, 2019

Project Overview

Project Limits

US 41:

- Begins at Austin Street ends at S. 21st Avenue

Causeway Boulevard:

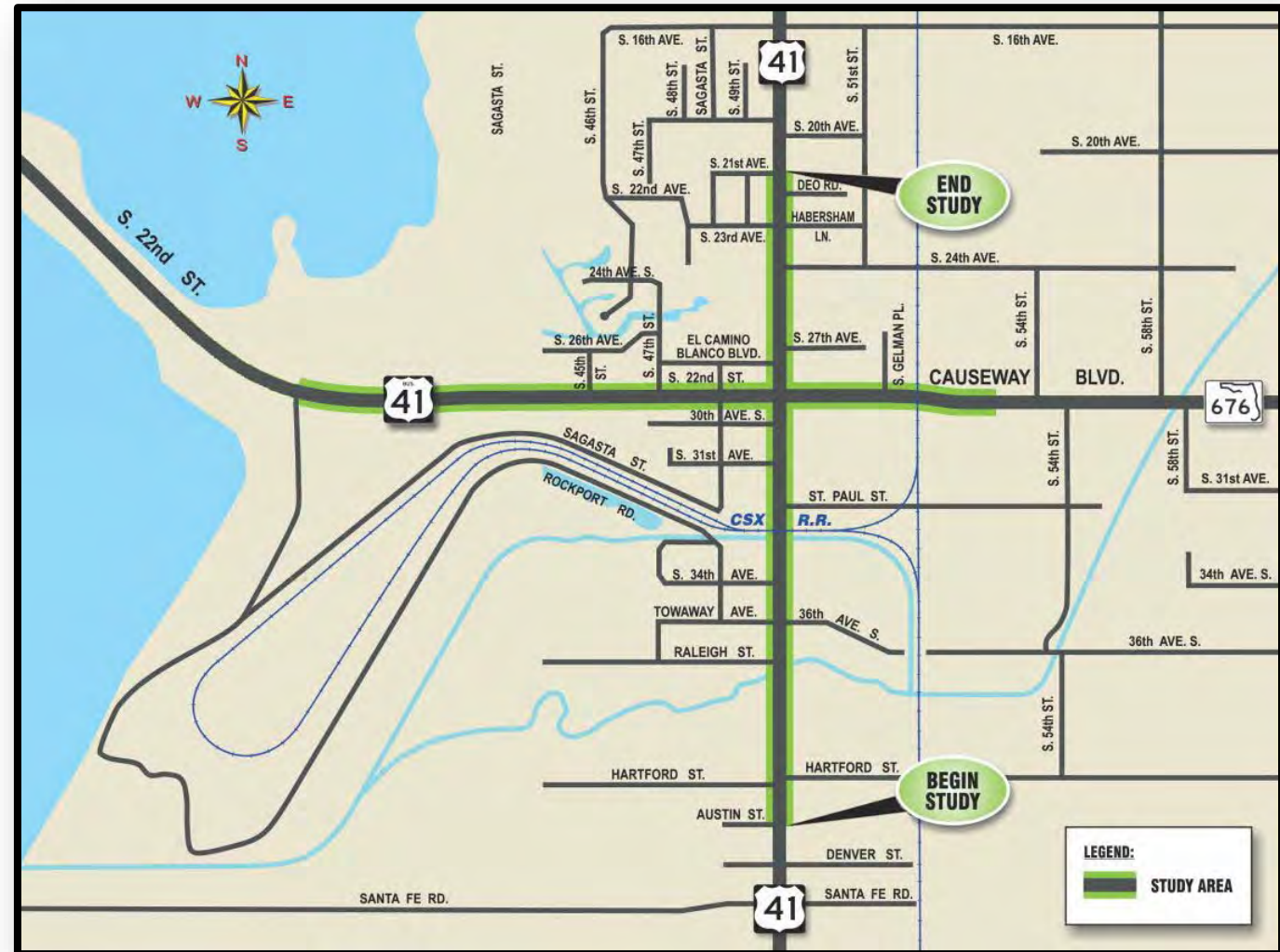
- Begins at Rockport East Terminal Entrance ends at Causeway Center Drive

Project purpose:

- Improve operations and safety of all users by grade separating US 41/CSX Railroad crossing
- Enhance connectivity for pedestrians and bicyclists

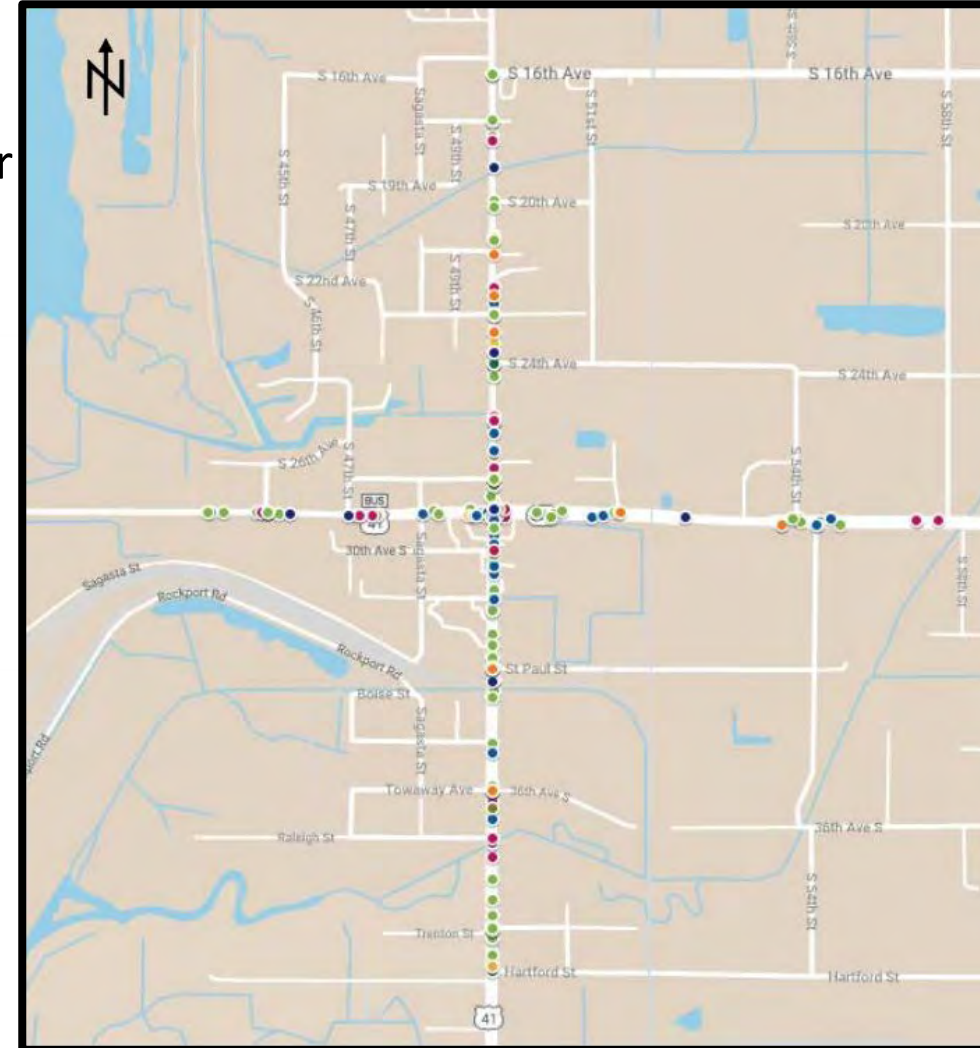
Re-evaluation:

- 1994 EA/FONSI
- Changes in land use and traffic volumes
- Environmental & engineering analysis



Project Needs

- **Transportation Planning**
 - Identified by the MPO as Goods Movement Roadway Corridor
 - Priority project for the National Highway Freight Program
- **Safety**
 - Crash frequency
 - 33 crashes per year along US 41
 - 13 per year along Causeway Boulevard
 - 13 per year at the intersection
- **Socioeconomic Demand**
 - Projected regional growth will increase traffic



Ongoing Efforts

Re-evaluating the PD&E study findings (EA with FONSI)

Safety and traffic analysis

Kick-off of project completed with FDOT District 7
July 18, 2018

Kick-off meeting with elected/appointed officials and agencies
December 7, 2018

Preparing for an alternatives public meeting to present refined alternatives in
November 2019

Alternatives Development

4 alternatives based on previous study concepts

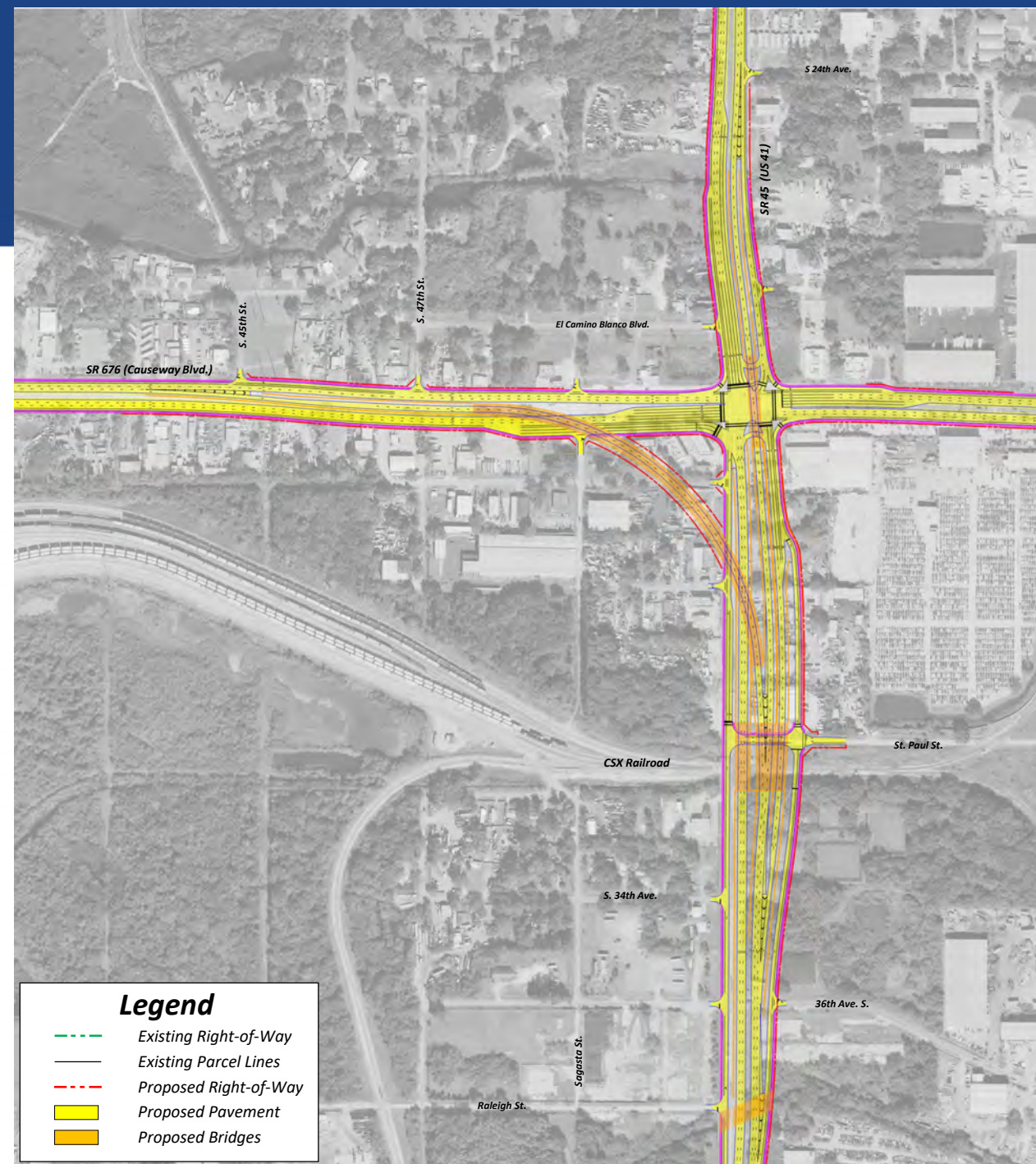
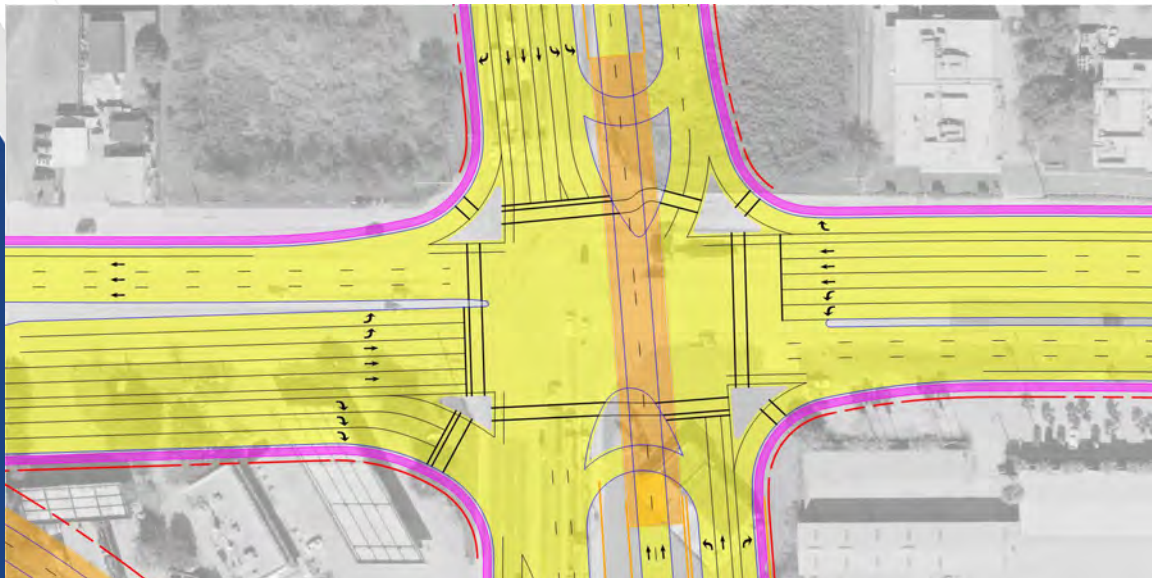
1. Flyover
2. Quadrant
3. Diverging Diamond Interchange (DDI)
4. Single Point Urban Interchange (SPUI)

Safety features considered with this re-evaluation

- wide walks, sidewalks, bicycle lanes
- Pedestrian refuge areas and islands
- Push button activation crosswalks at the intersection

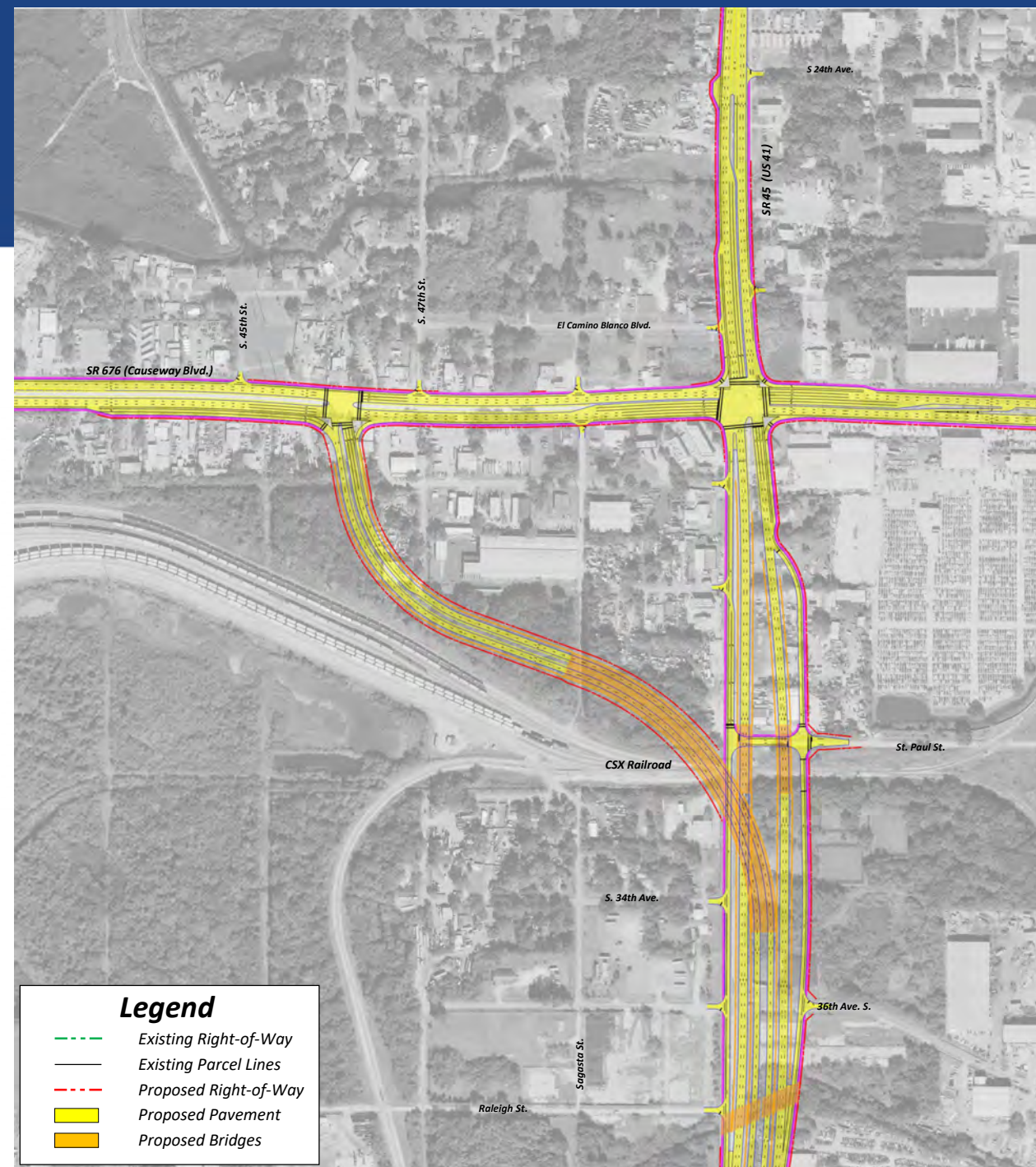
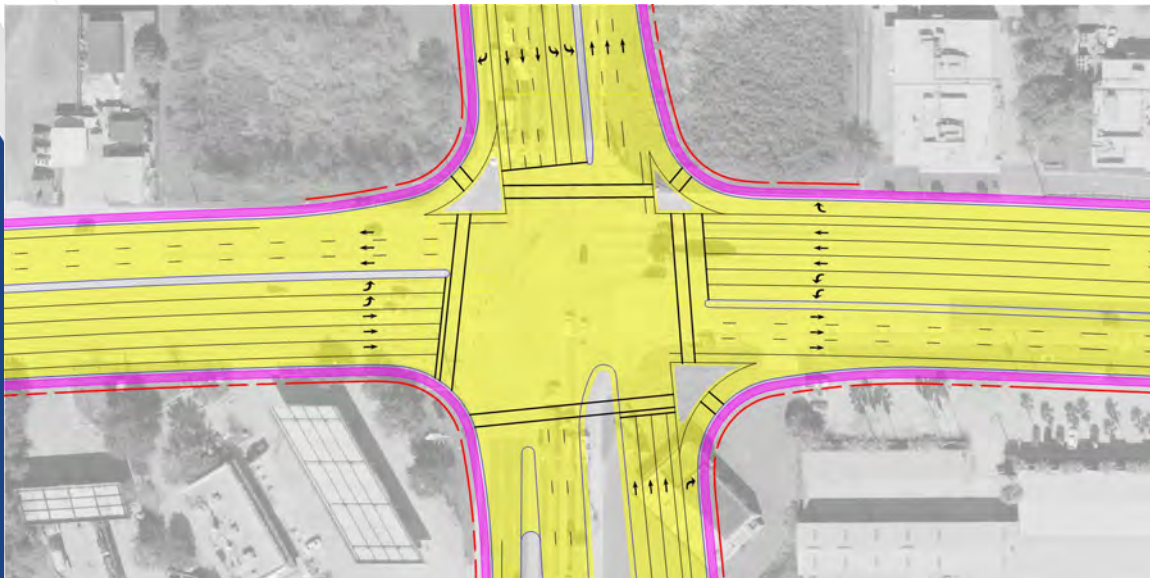
Alternative 1

- Flyover
 - US 41 Grade Separation at CSX
 - Frontage Rd Crosses CSX At-grade
 - Flyover for Northbound to Westbound Movement
 - Flyover for US 41 Northbound Thru Movement
 - Preliminary Right-of-Way Cost = \$45.6M
 - Preliminary Construction Cost = \$100.5M



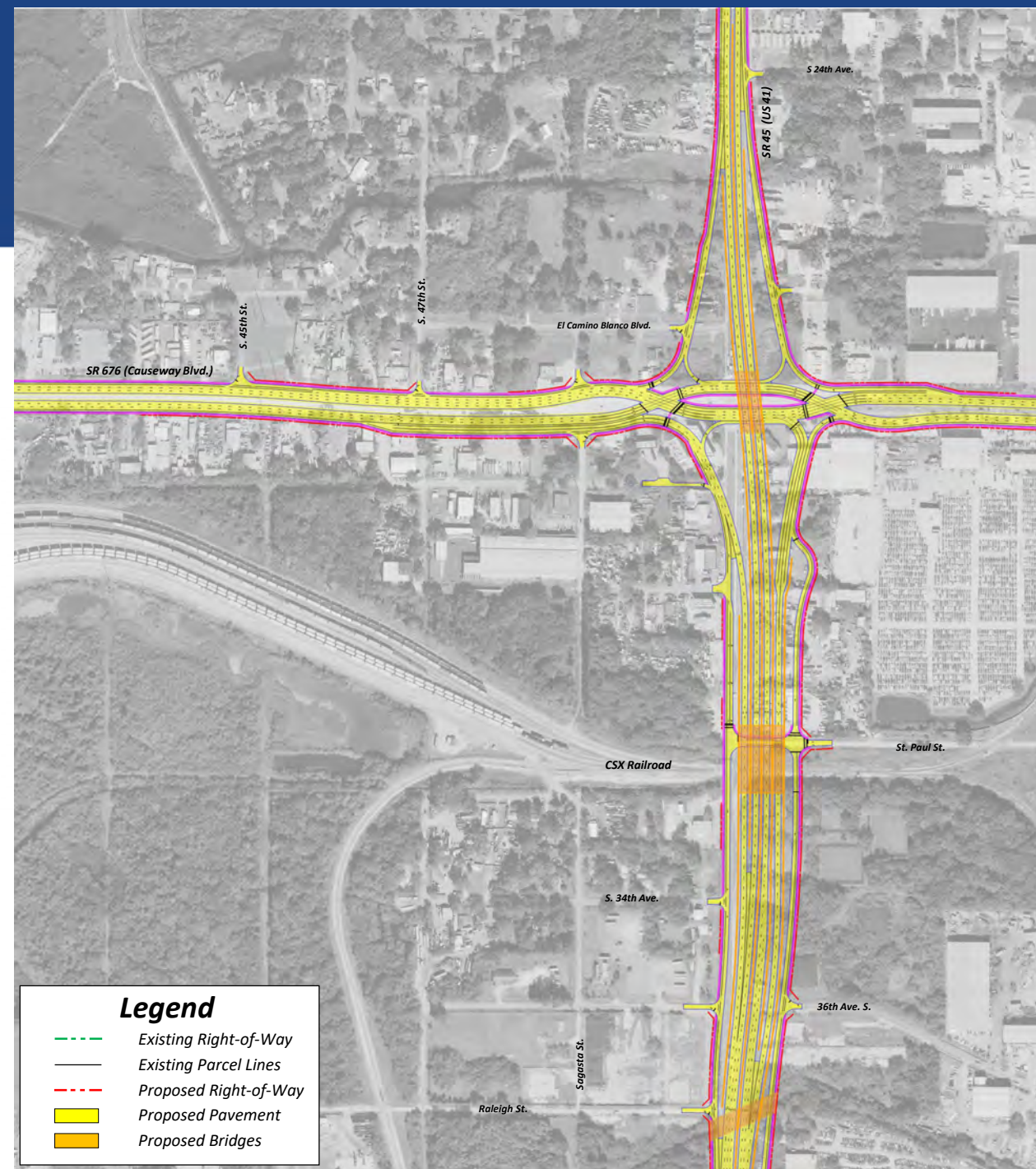
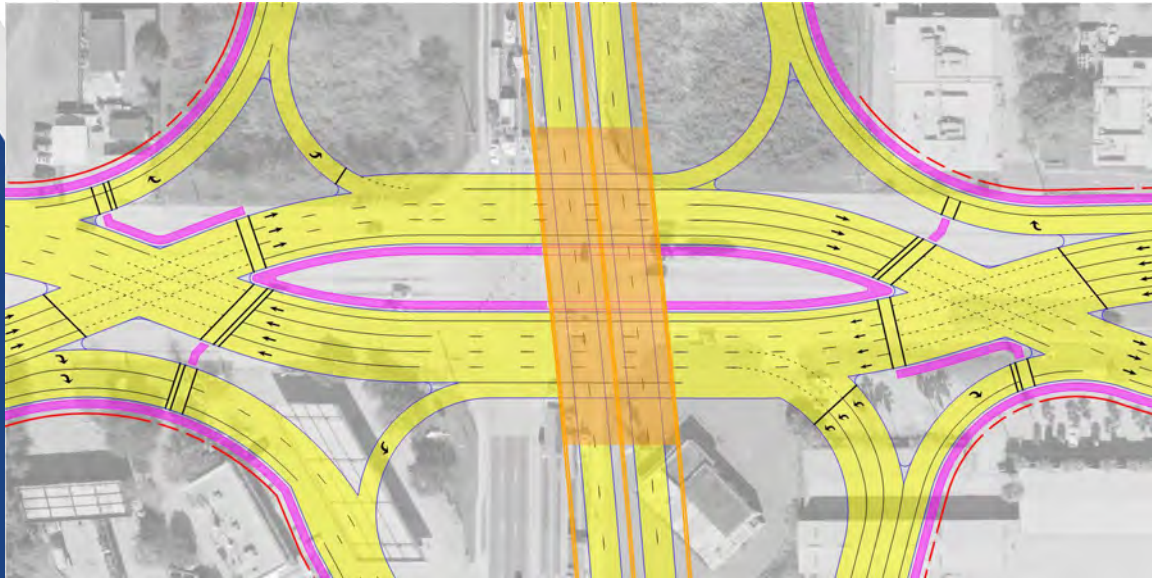
Alternative 2

- Quadrant
 - US 41 Grade Separation at CSX
 - Frontage Rd Crosses CSX At-grade
 - Flyover for Northbound to Westbound and Eastbound to Southbound Movements
 - New Intersection on Causeway Blvd
 - Preliminary Right-of-Way Cost = \$52.3M
 - Preliminary Construction Cost = \$99.8M



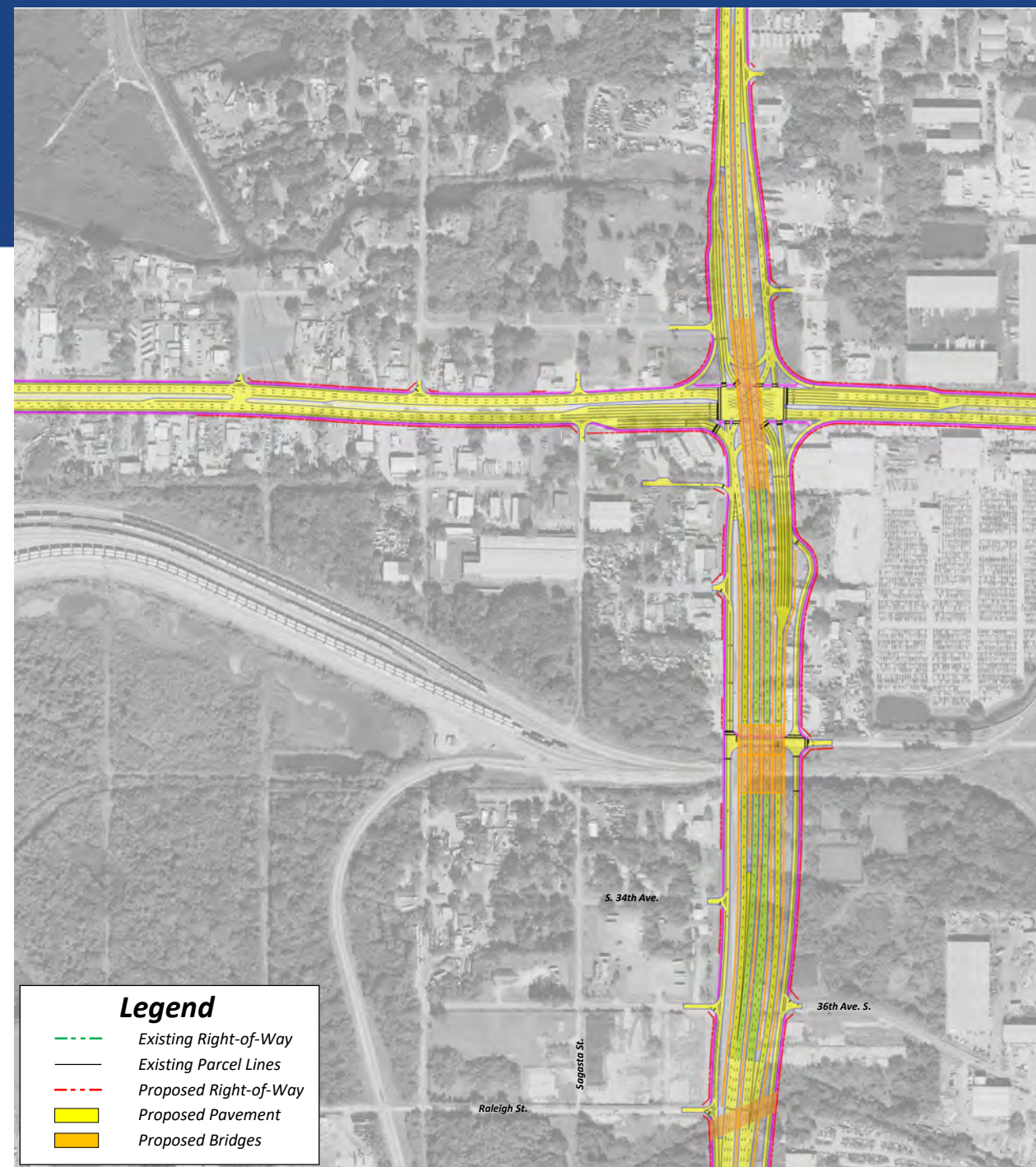
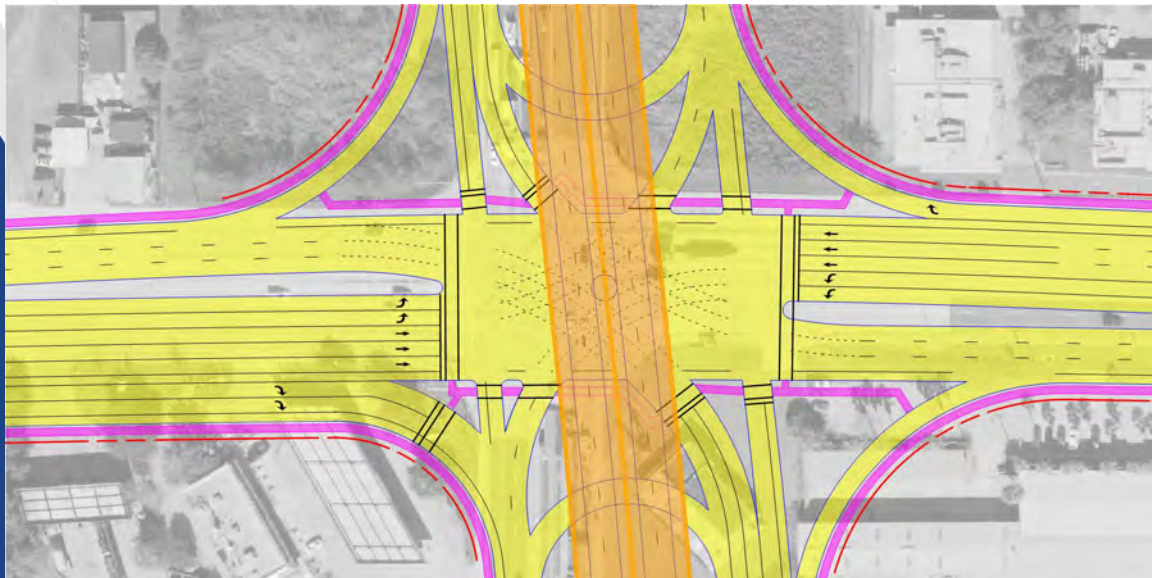
Alternative 3

- Diverging Diamond Interchange (DDI)
 - US 41 Grade Separation at CSX
 - Frontage Rd Crosses CSX At-grade
 - US 41 Grade Separation at Causeway Boulevard
 - Preliminary Right-of-Way Cost = \$68.8M
 - Preliminary Construction Cost = \$81.4M


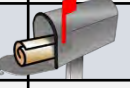
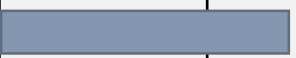

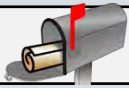

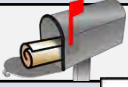

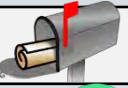




Alternative 4

- Single Point Urban Interchange (SPUI)
 - US 41 Grade Separation at CSX
 - Frontage Rd Crosses CSX At-grade
 - US 41 Grade Separation at Causeway Boulevard
 - Preliminary Right-of-Way Cost = \$57.7M
 - Preliminary Construction Cost = \$91.7M



Anticipated Public Involvement Schedule

	2018			2019			2020		
	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer
Study Begins									
Newsletter #1									
Data Collection									
Engineering & Environmental Analysis									
Newsletter #2									
Alternatives Public Workshop									
Newsletter #3									
Public Hearing									
Newsletter #4									
Study Complete									
Design Activities Begin									

Project Status & Schedule

- Re-evaluation began May 2018
- Small group meetings to be held with local community organizations
- Public workshop –November 2019
- Public hearing – Spring 2020
- PD&E study re-evaluation completion – Fall 2020

Re-evaluation	Ongoing
Design	2018 and 2020
Right of Way	2020, 2021 and 2022
Construction	2026

Comments/ Questions

Your input is valued
throughout the
re-evaluation
process

- **Lilliam Escalera**
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Preguntas en español
- **Project Website:** <http://active.fdotd7studies.com/us41/csx-tosr676>



US 41/SR 45/ South 50th Street at CSX Grade Separation Re-evaluation

From South of Causeway Boulevard to North of Causeway Boulevard | WPI Seg. No. 440749-1 | Hillsborough County, Florida

Home

What is a Re-evaluation?

Project Details

Public Involvement

Project Schedule

Contact Information

Links

Send Us Your Comments

Contact

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**Remember to be Alert Today, Alive Tomorrow.
Safety doesn't happen by accident.**

