



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

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

September 18, 2019

# Project Overview

## Project Limits

### US 41:

- Begins at Austin Street ends at S. 21<sup>st</sup> 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

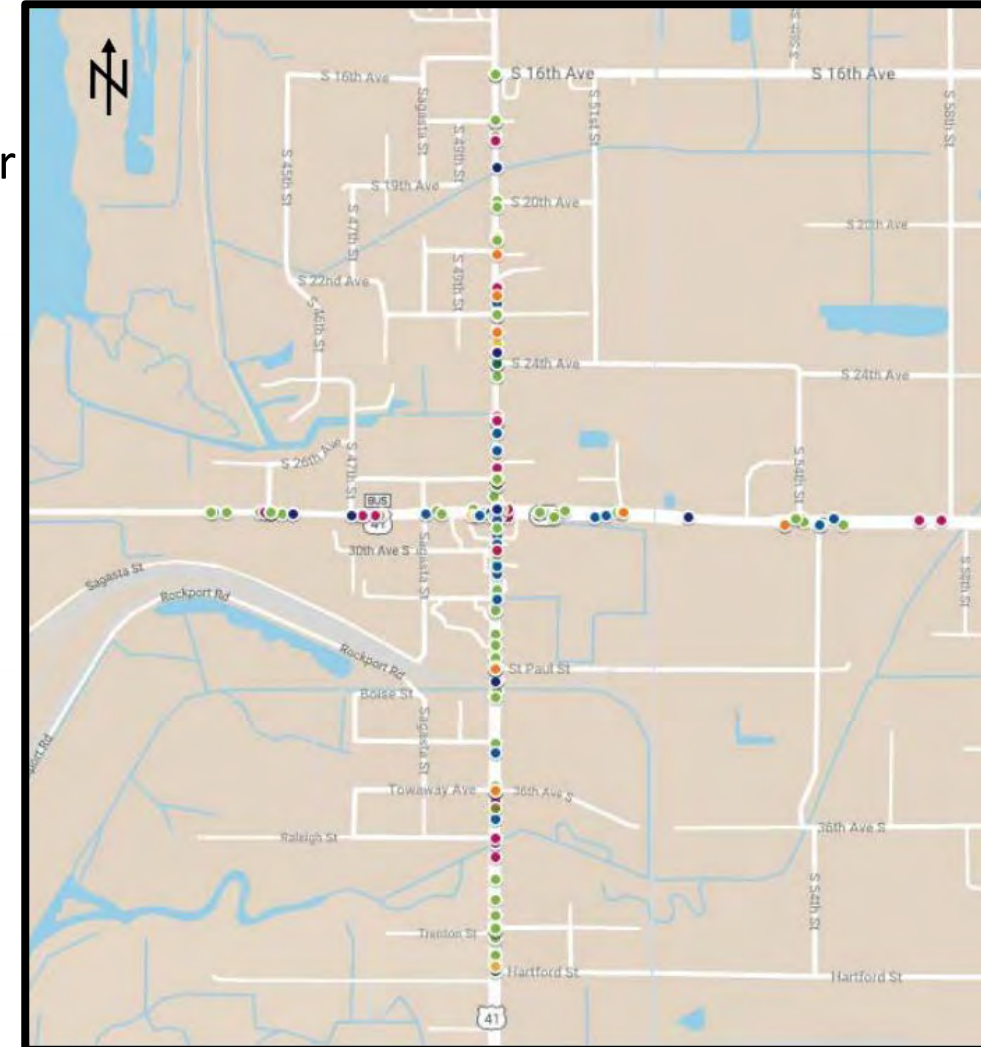
### Re-evaluation:

- 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

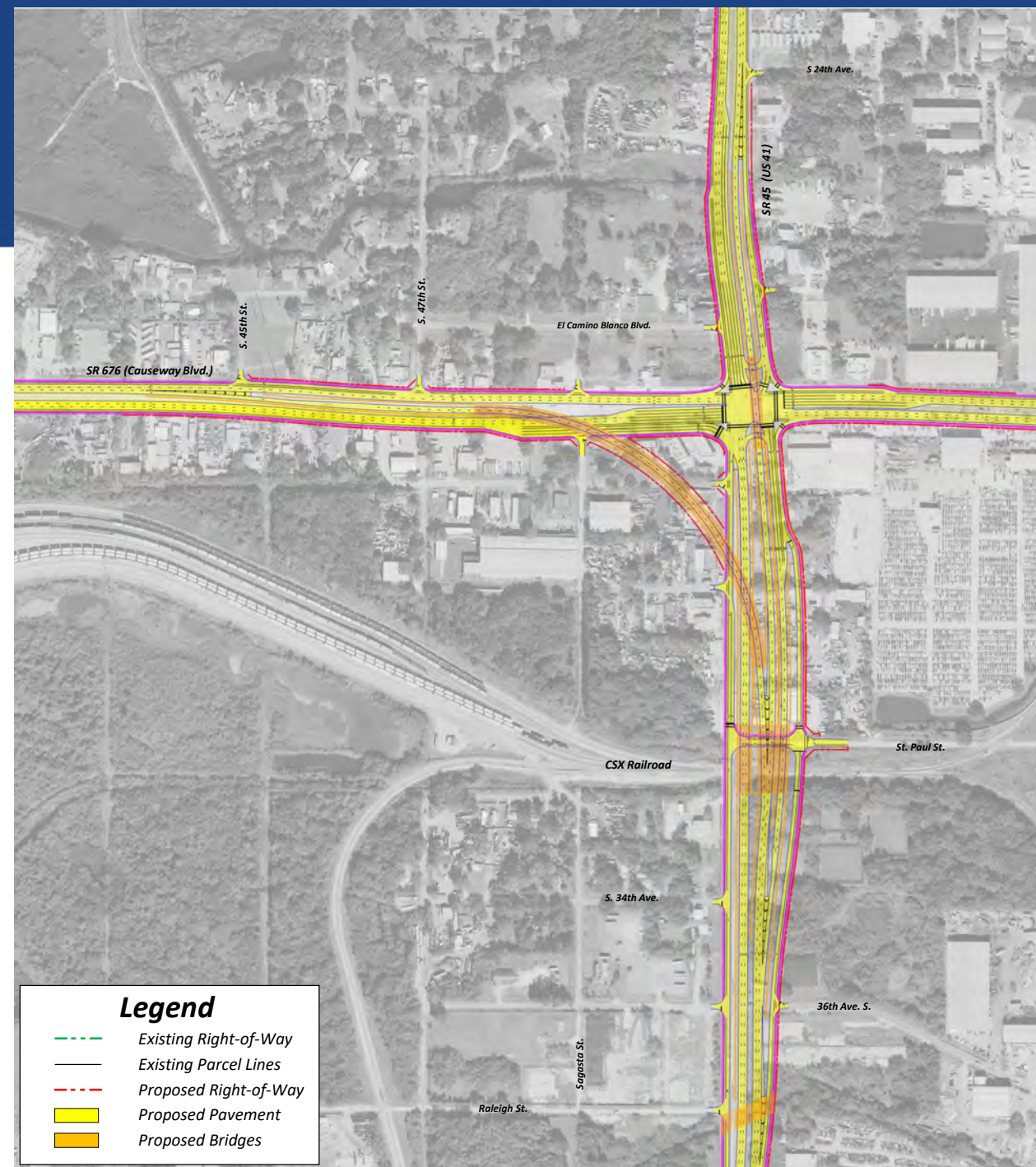
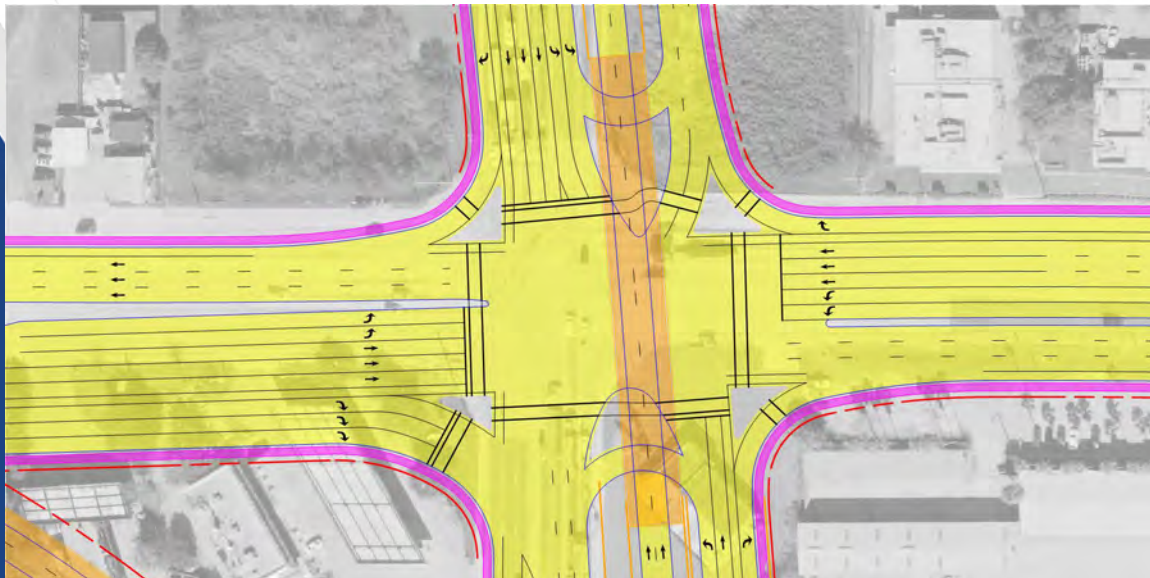
1. Flyover
2. Quadrant
3. Diverging Diamond Interchange (DDI)
4. Single Point Urban Interchange (SPUI)

## Safety features considered with this re-evaluation

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

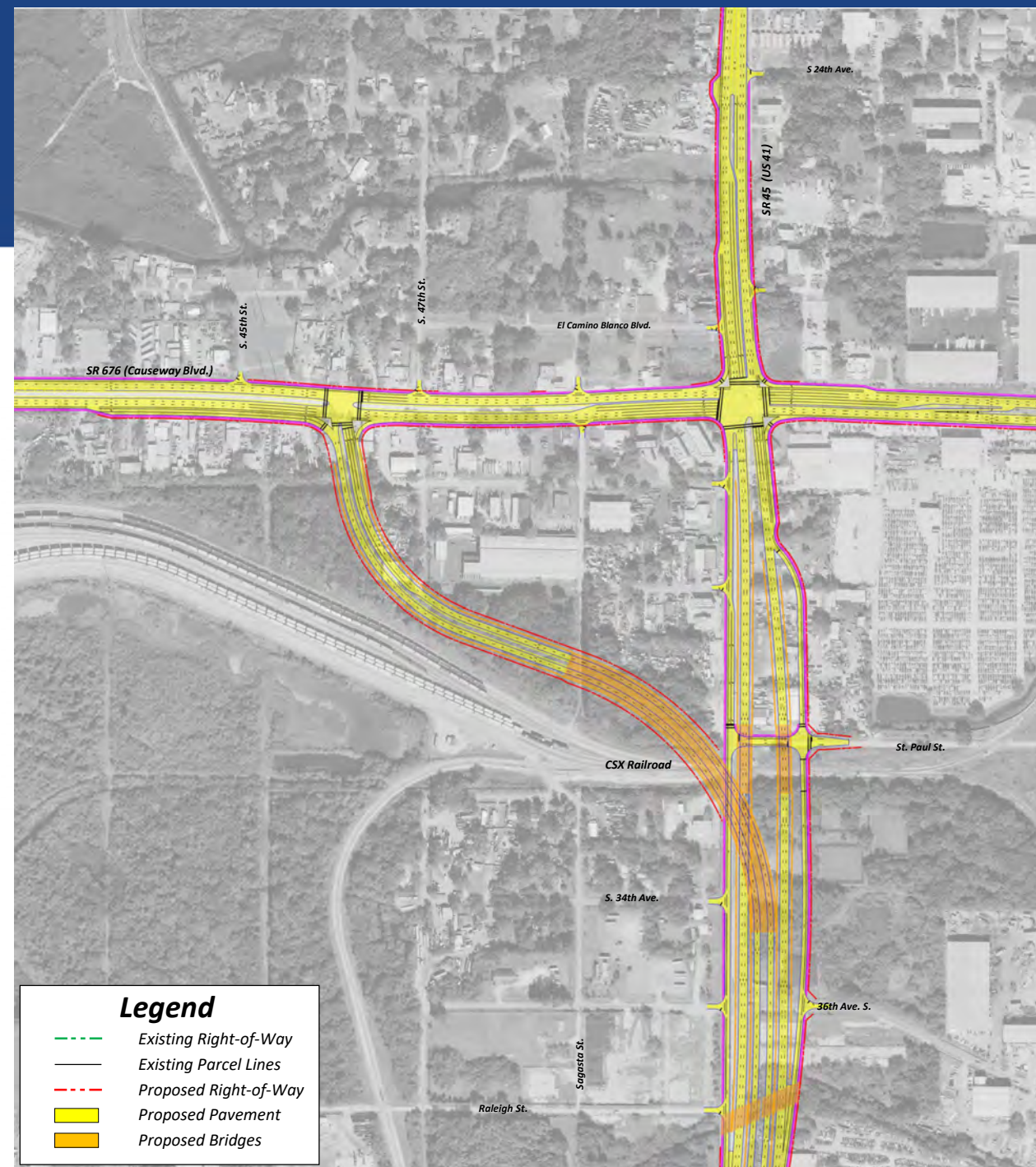
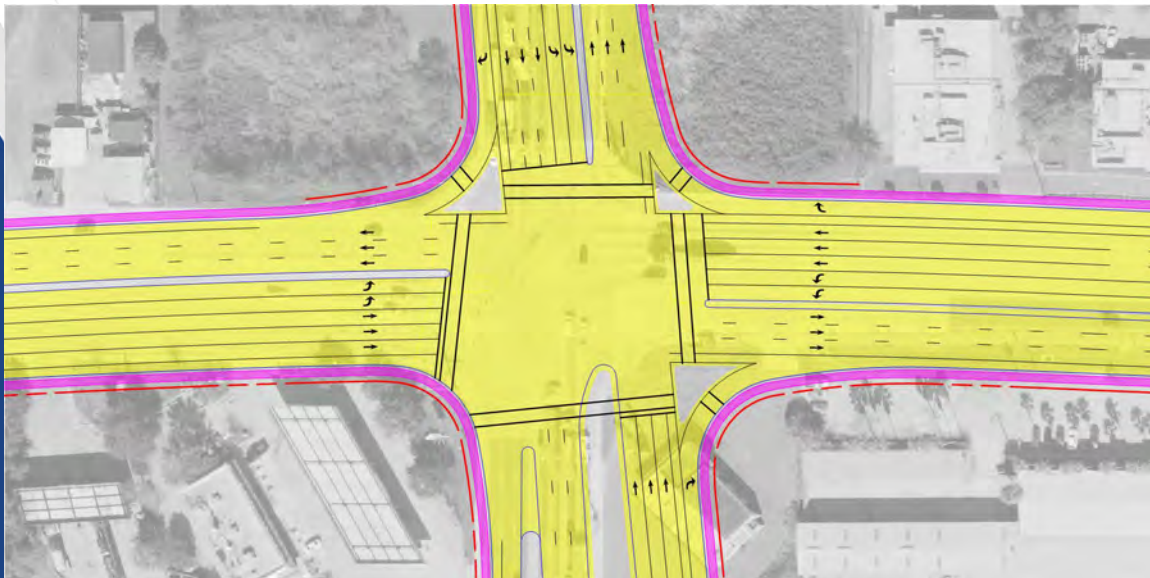
# Alternative 1

- 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



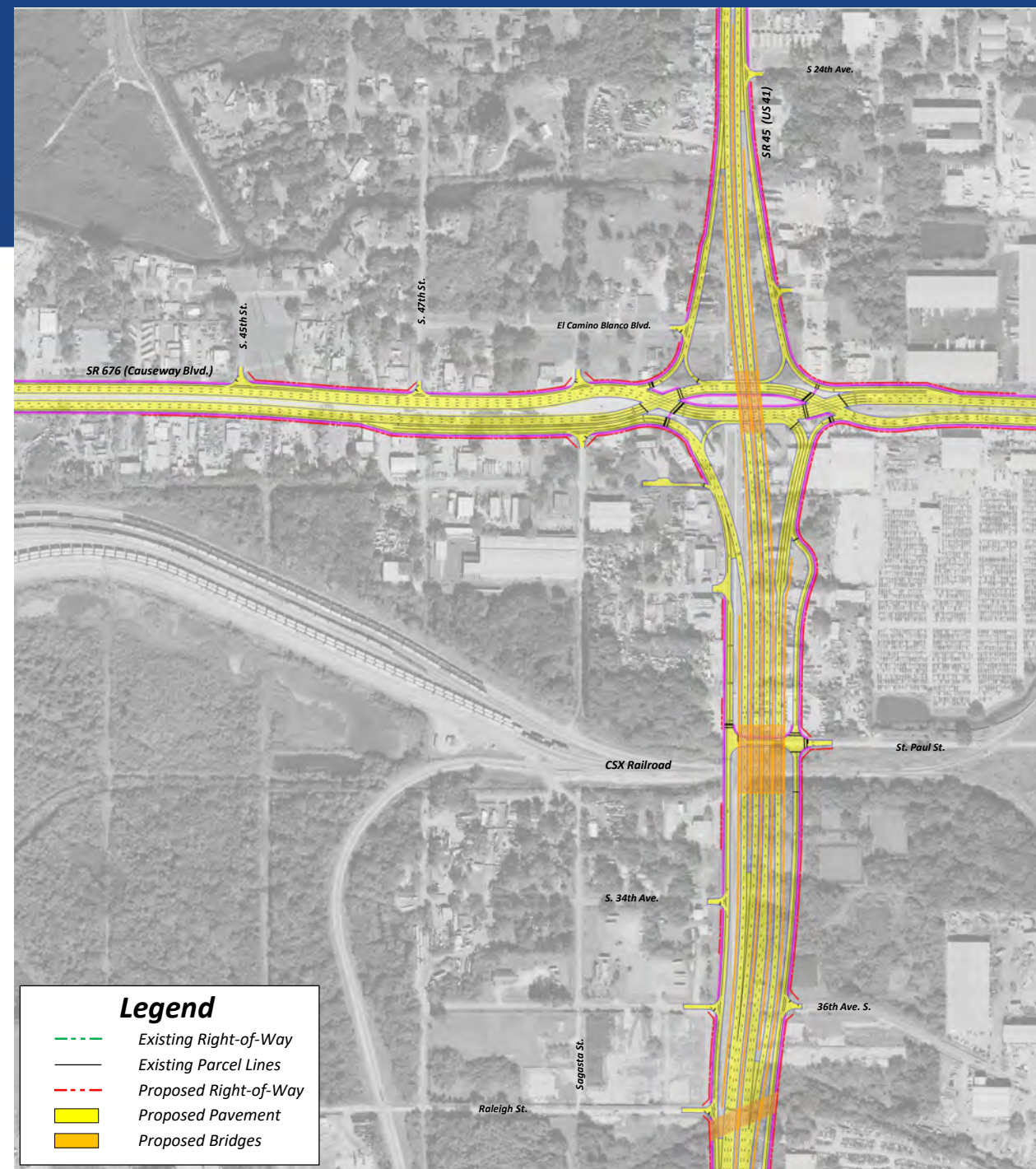
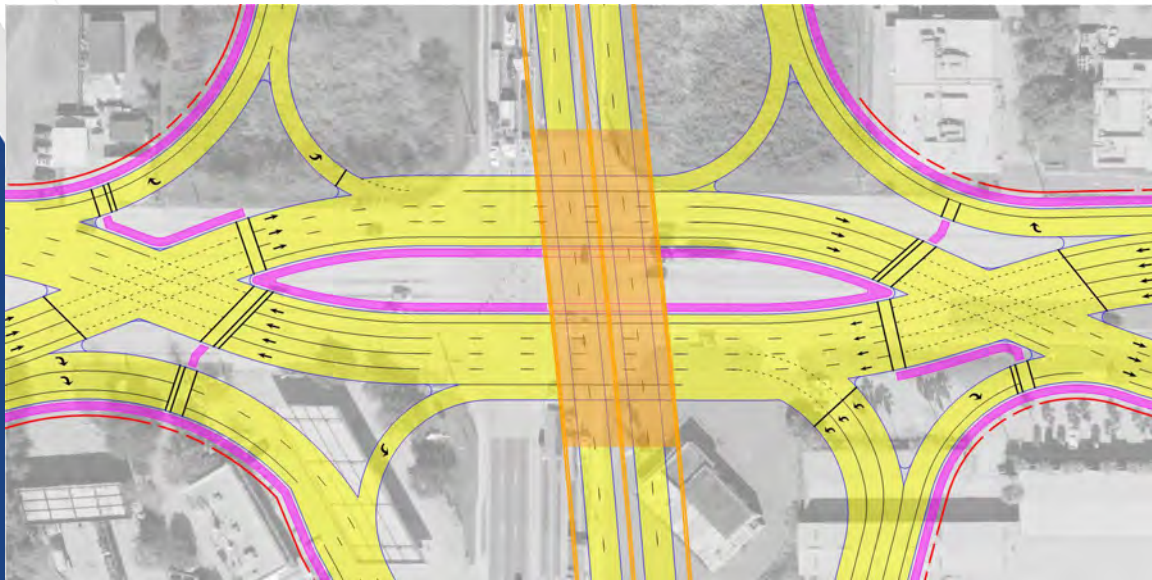
# Alternative 2

- 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

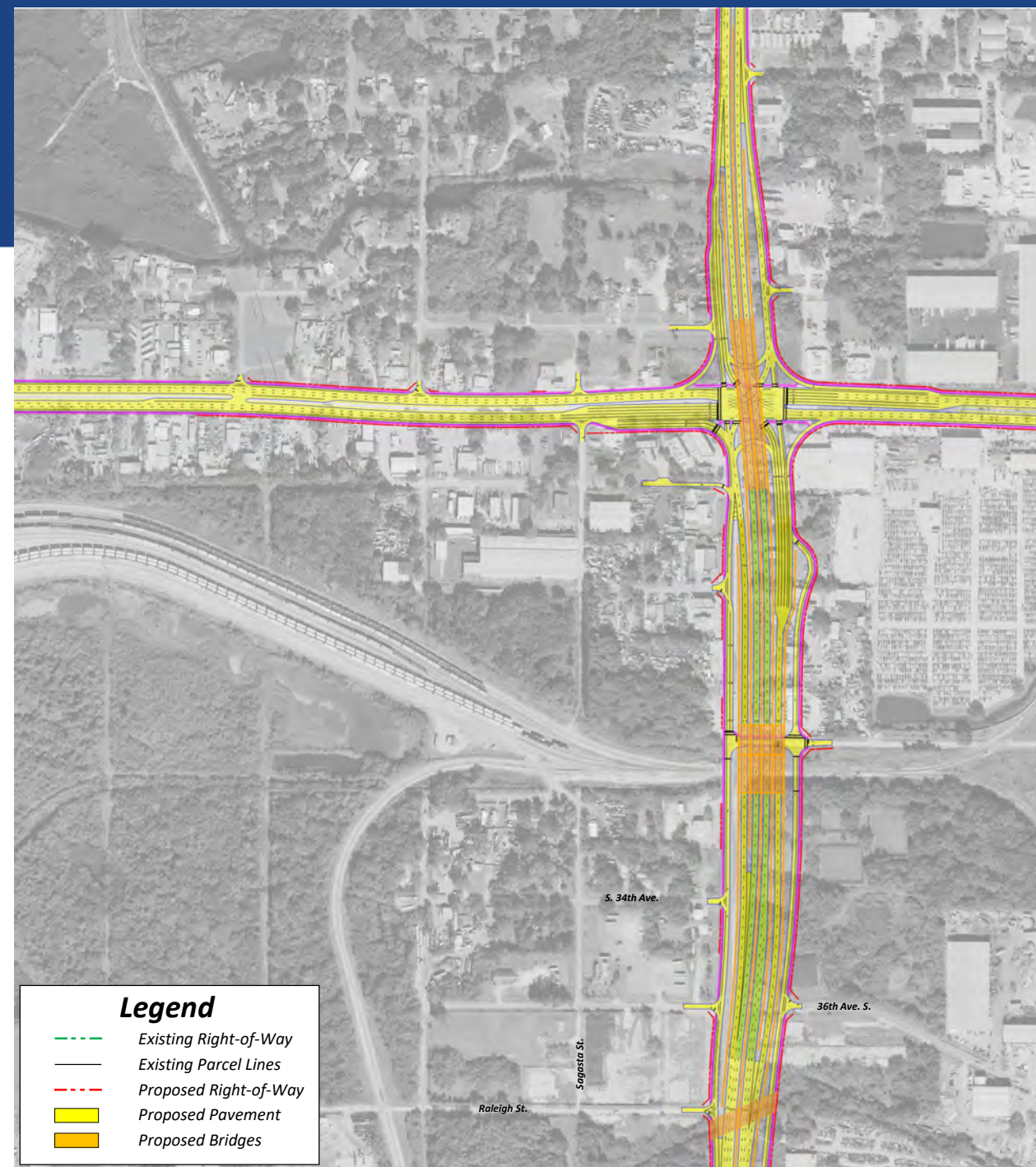
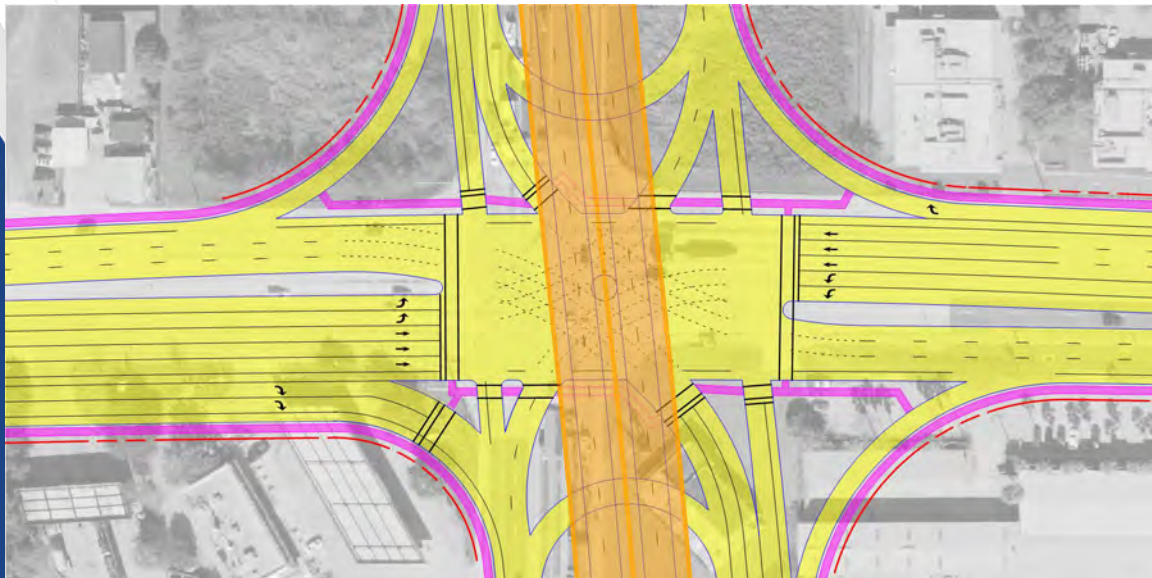
- Diverging Diamond Interchange (DDI)
  - US 41 Grade Separation at CSX
  - Frontage Rd Crosses CSX At-grade
  - US 41 Grade Separation at Causeway Boulevard
  - Preliminary Right-of-Way Cost = \$68.8M
  - Preliminary Construction Cost = \$81.4M




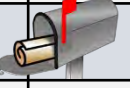
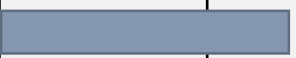

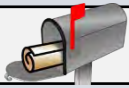

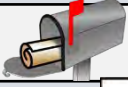

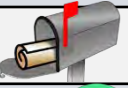




# Alternative 4

- 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

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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

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# Contact

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

