



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

**AGENCY/ELECTED OFFICIALS
KICK-OFF MEETING**

December 7, 2018

Project Overview

Project purpose:

- Fix CSX Queues
- Improve operations at US 41 & SR 676 (Causeway Blvd) Intersection
- Improve safety for vehicles, pedestrians, and bicyclists

Need for re-evaluation:

- Time since last approved PD&E study
- Changes in land use and traffic volumes
- Address environmental and stakeholders concerns

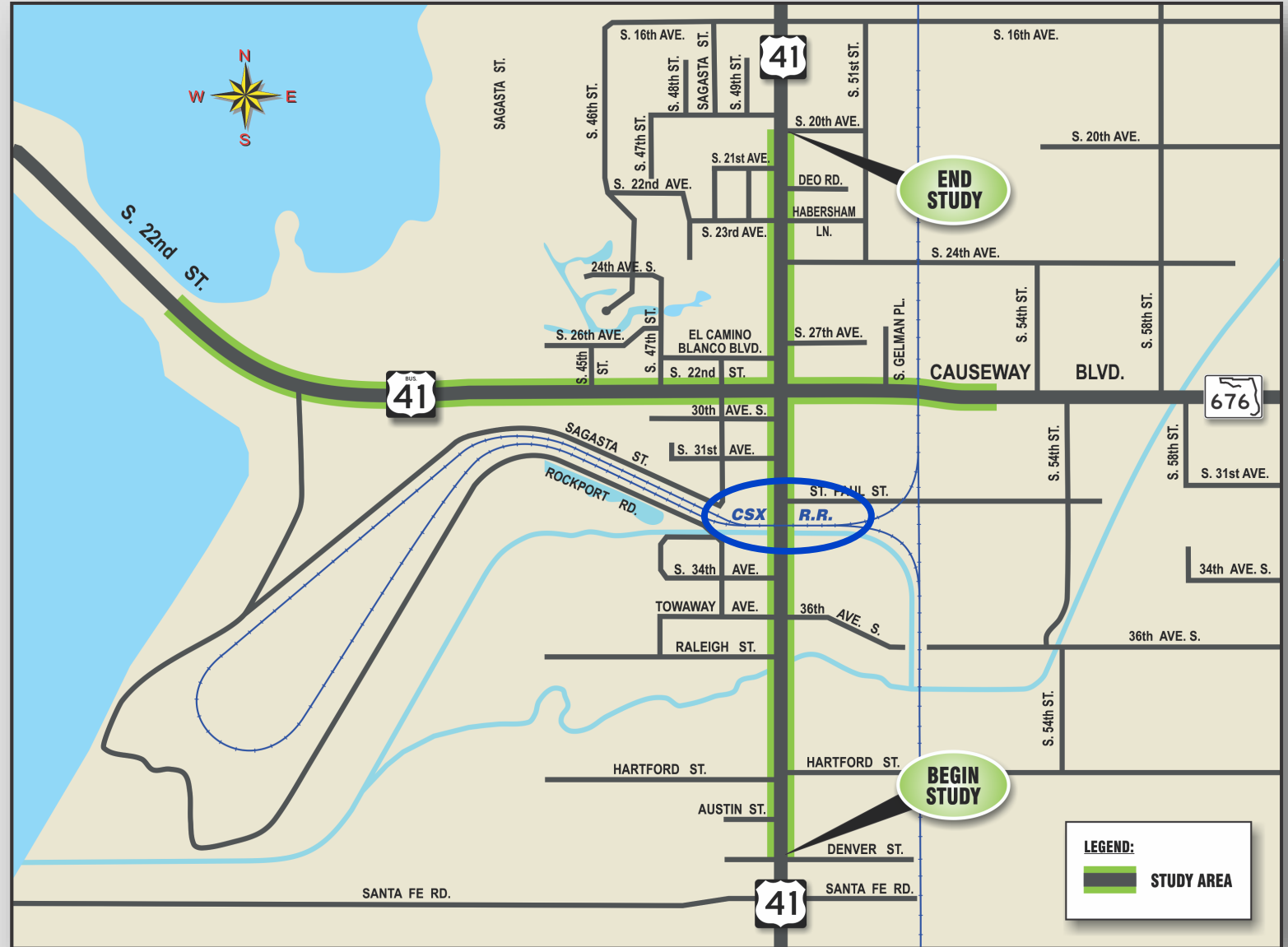
Project Location

Project Limits: South of US 41B/SR 45/SR 676/Causeway Boulevard to North of Causeway Boulevard

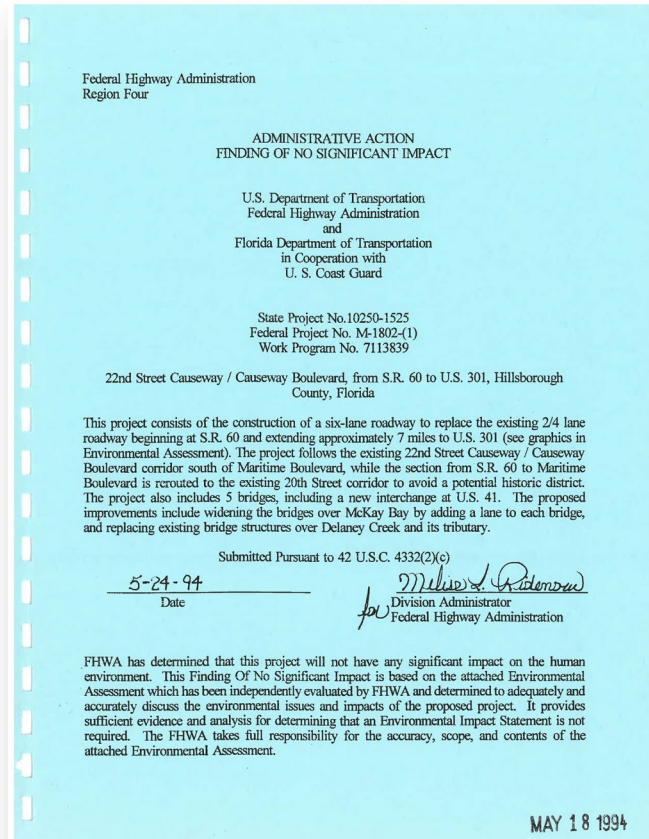
Approximately 1.5 miles

Includes the CSX railroad crossing south of St. Paul St

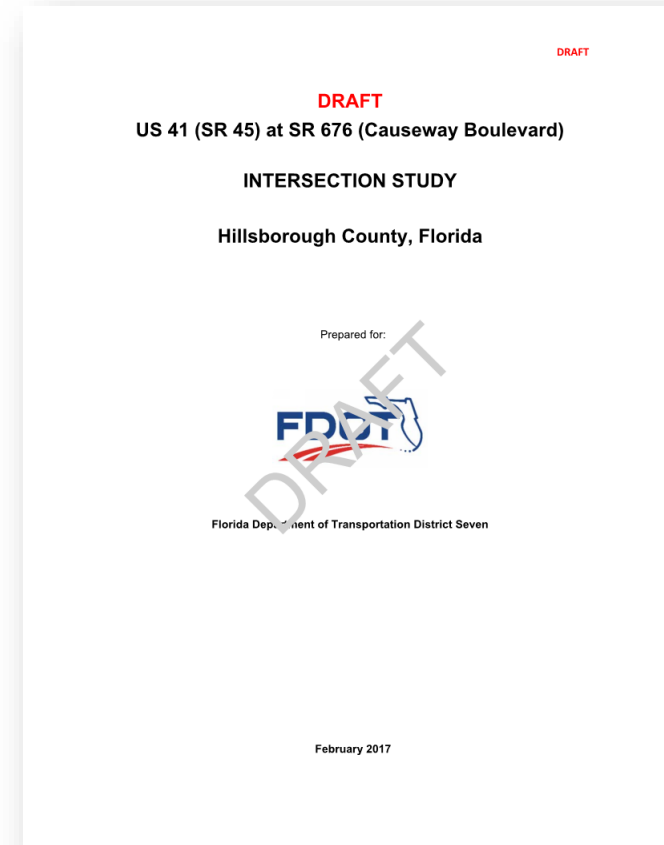
Studying intersection improvement alternatives including a grade separation at the CSX railroad crossing



Previous Efforts



Environmental Assessment with a Finding of No Significant Impact (FONSI) approved in 1994



Feasibility Study completed in 2017

Ongoing Efforts

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

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

Using the feasibility study (2017) to refine alternatives to be brought to the public

- Applying new FDOT design criteria
- Determine needs from updated traffic projections

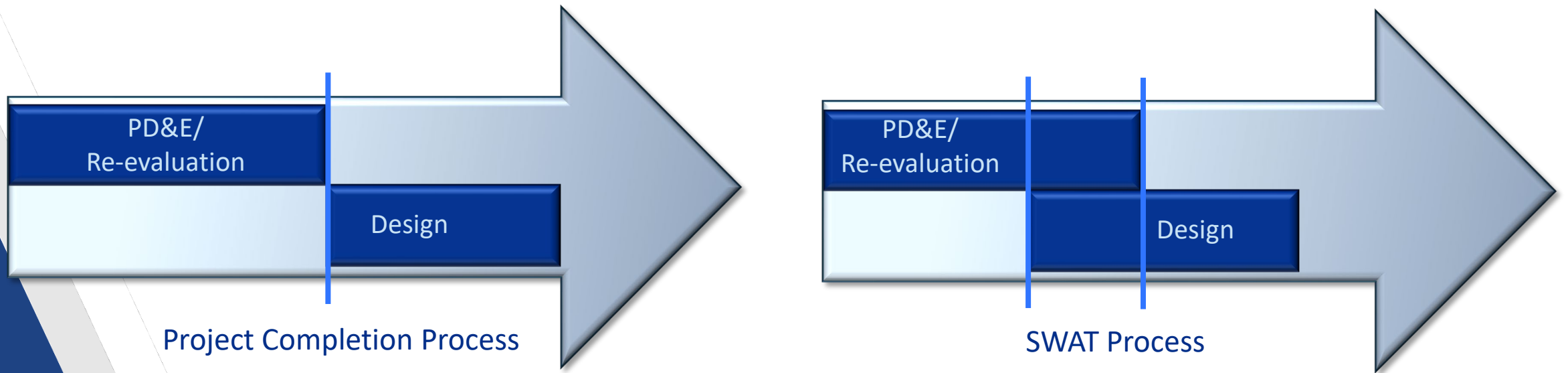
Preparing for both an alternatives public meeting to present refined alternatives and public hearing in 2019

Coordinating to begin preliminary design activities through the FDOT SWAT process

SWAT Process

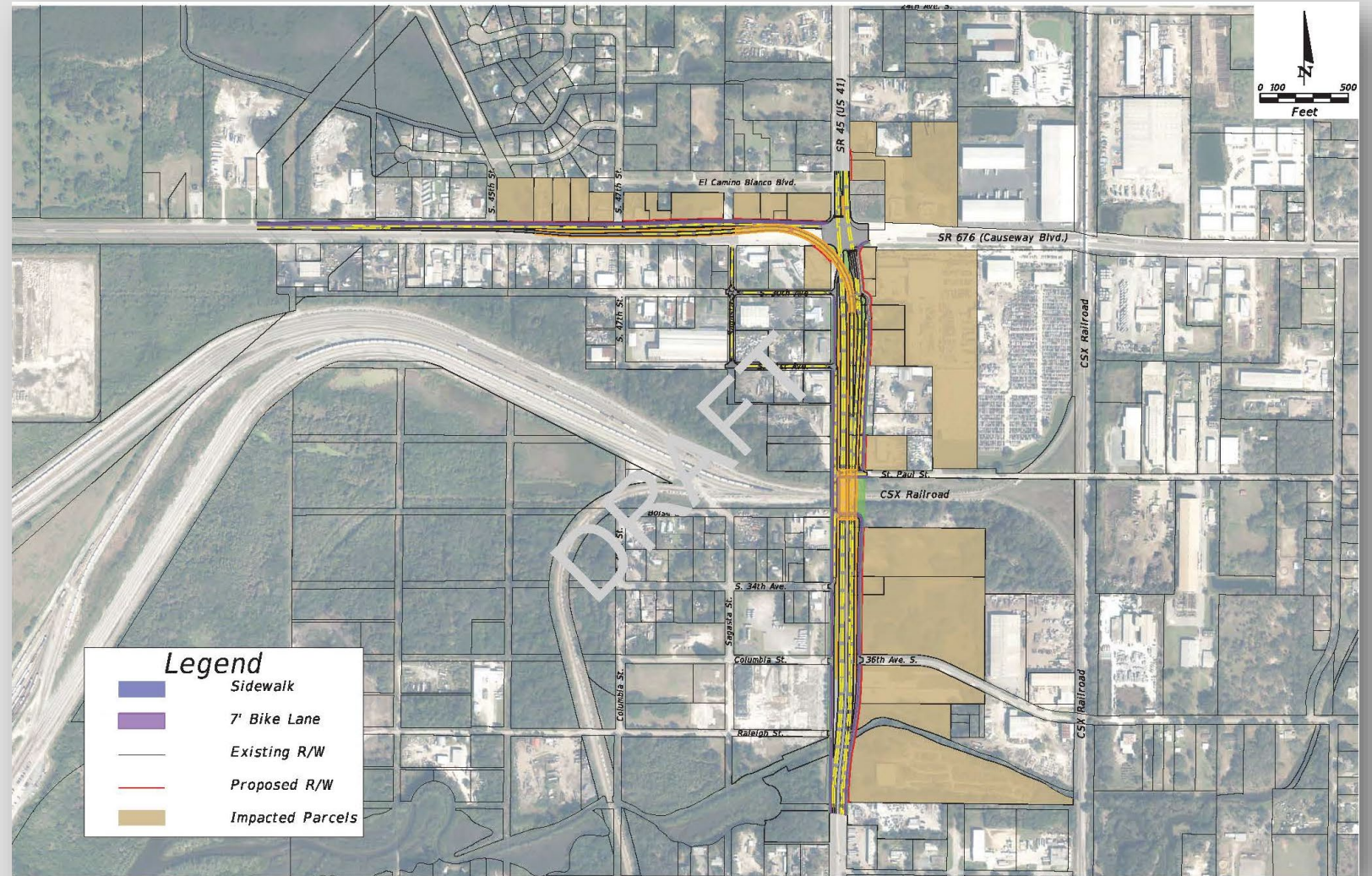
State **W**ide **A**cceleration **T**ransformation process

Purpose: to begin concurrent design activities within our re-evaluation process



Alternative 1

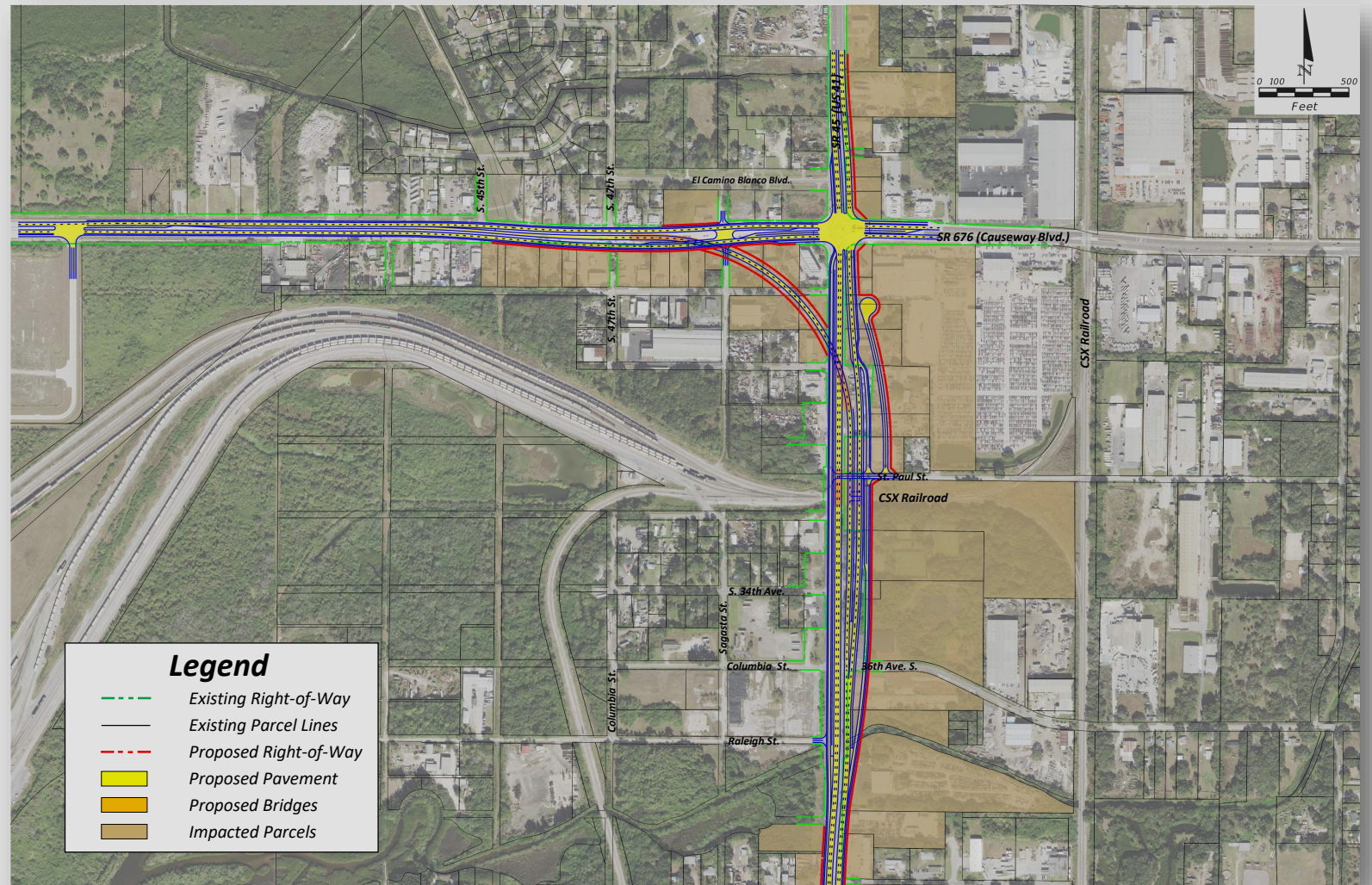
- Option 1B
 - US 41 Grade Separation at CSX
 - Flyover for Northbound to Westbound Movement
 - DS = 30 mph
- Causeway Blvd. Widening to the North



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Alternative 1 Revised

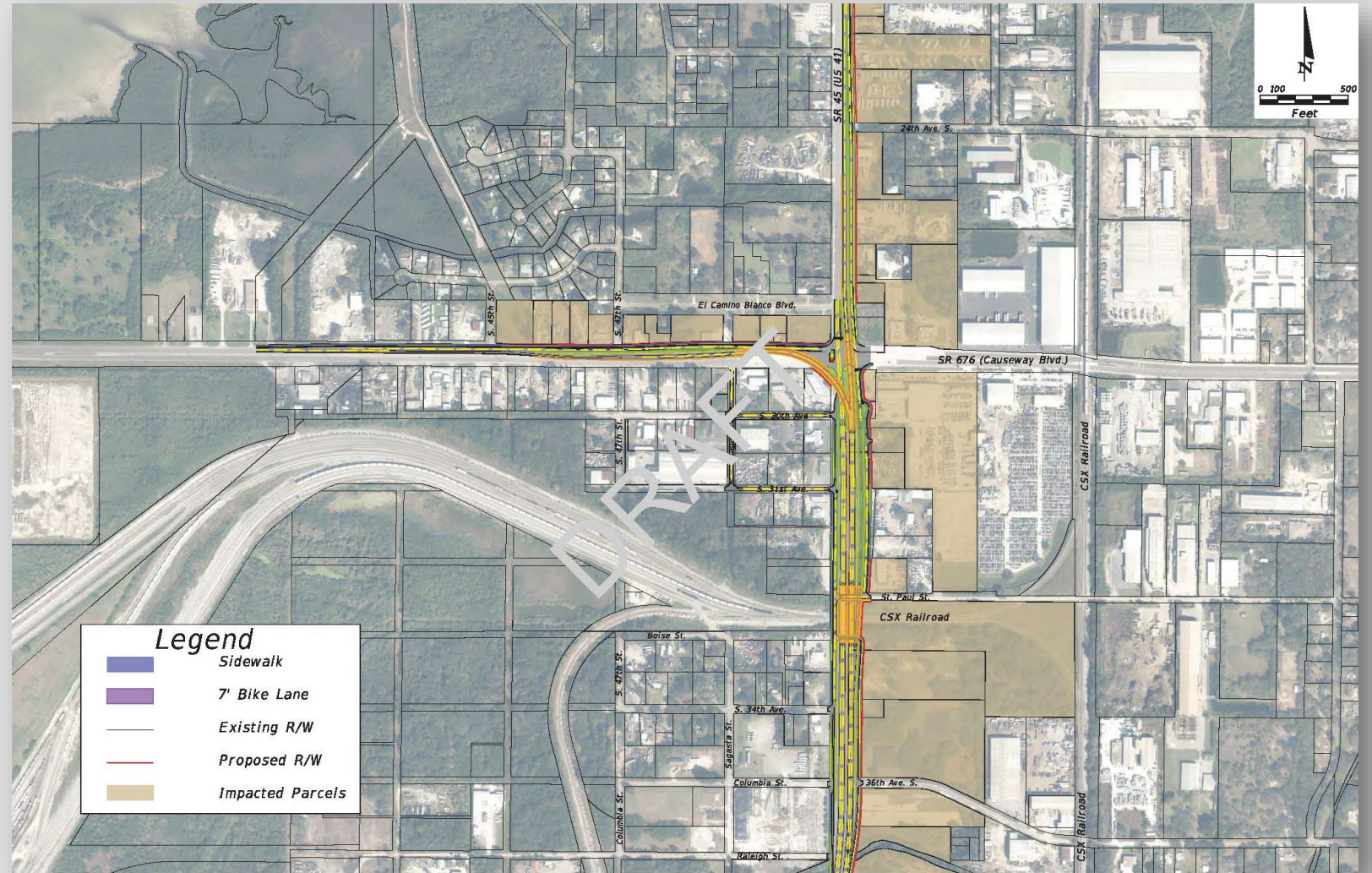
- Option 1B
 - US 41 Grade Separation at CSX
 - Flyover for Northbound to Westbound Movement
 - DS = 50 mph
- Causeway Blvd. Widening to the South
- Dead-End Frontage Road from St. Paul St.



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Alternative 2

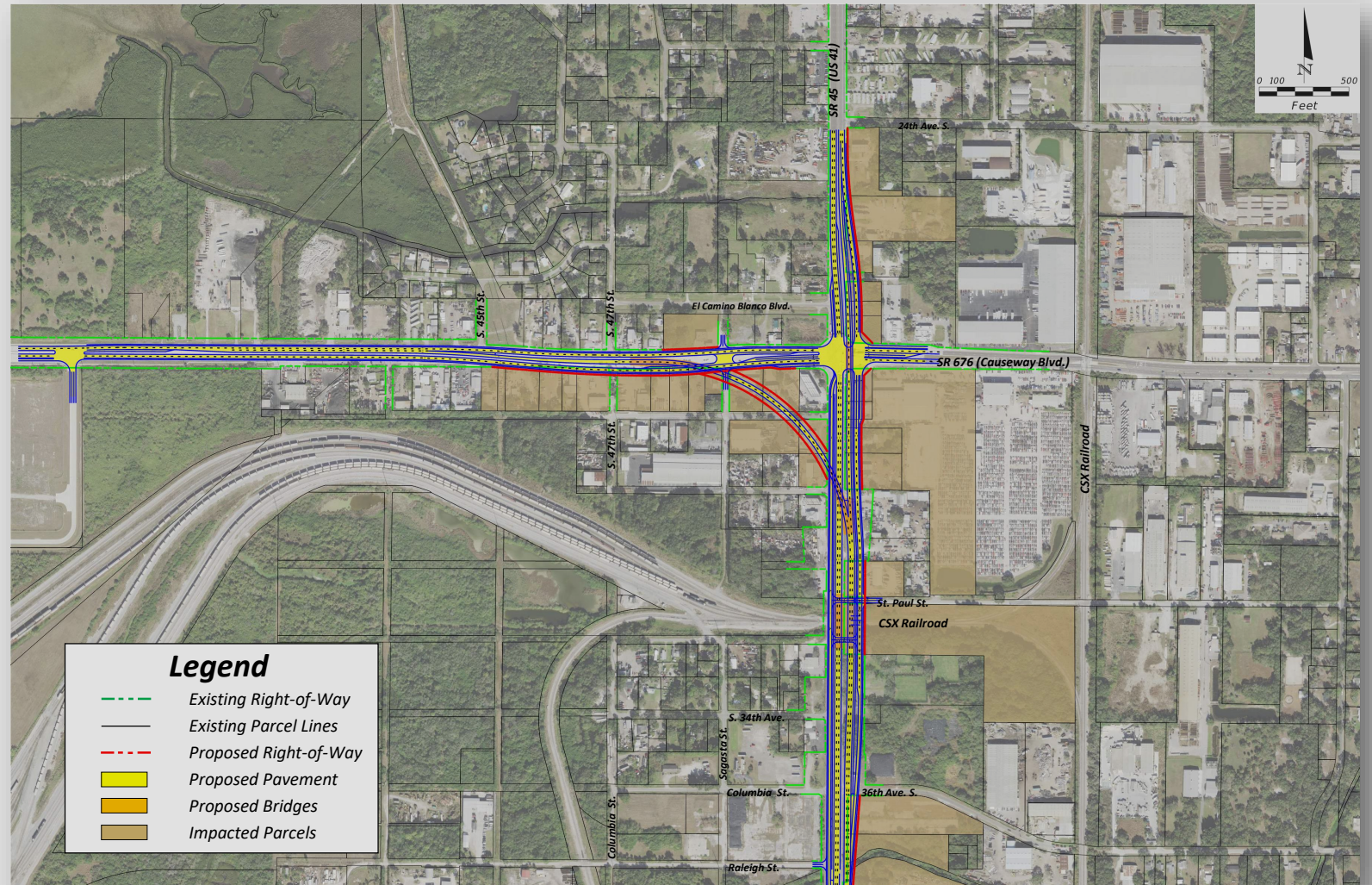
- Option 1C
 - US 41 Grade Separation at CSX
 - Flyover for Northbound to Westbound Movement
 - DS = 30 mph
 - Flyover for Thru Movement
- Causeway Blvd. Widening to the North



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Alternative 2 Revised

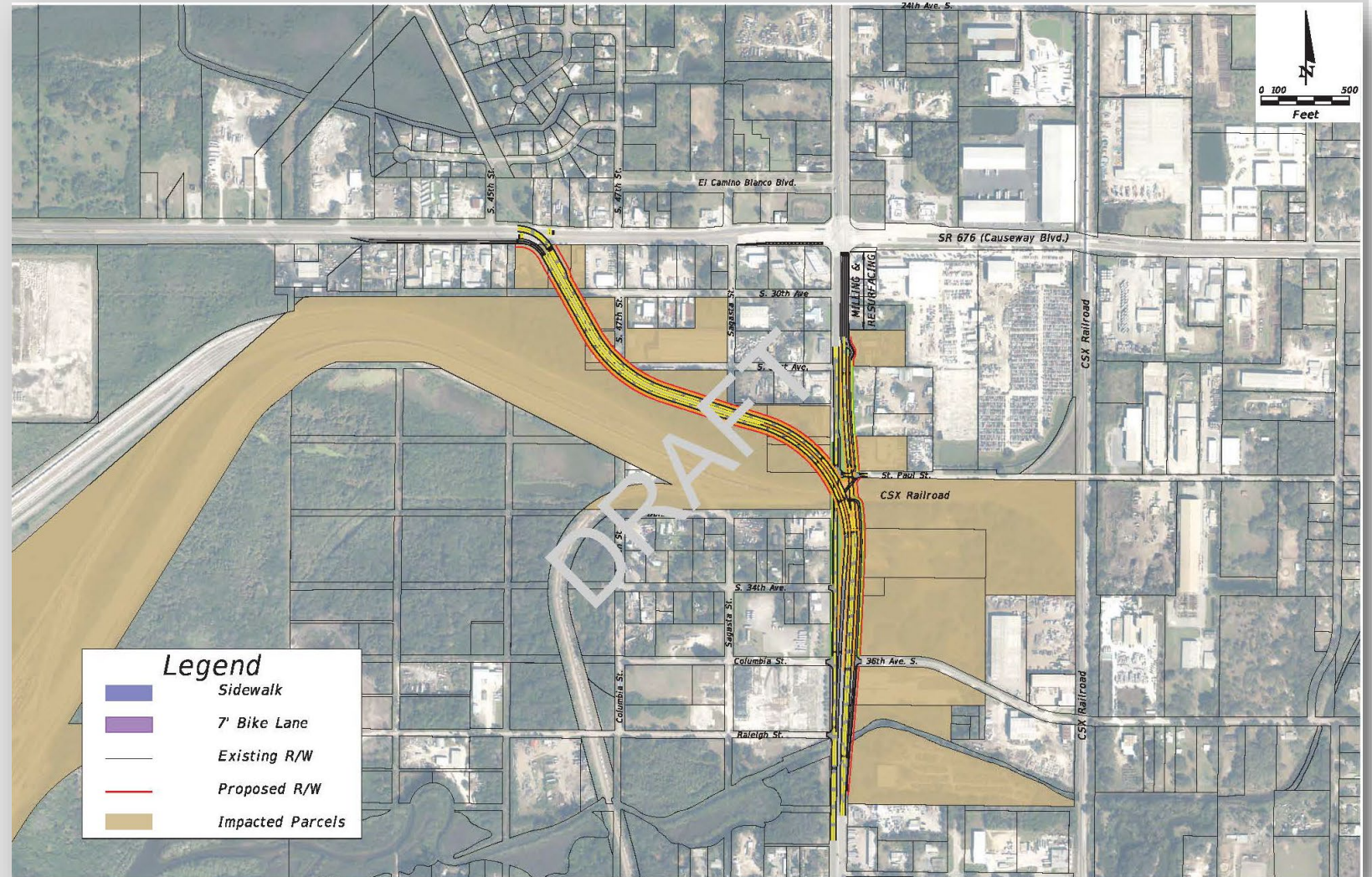
- Option 1C
 - US 41 Grade Separation at CSX
 - Flyover for Northbound to Westbound Movement
 - DS = 50 mph
 - Flyover for Thru Movement
- Causeway Blvd. Widening to the South
- Northbound to Eastbound Crosses CSX At-grade



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Alternative 3

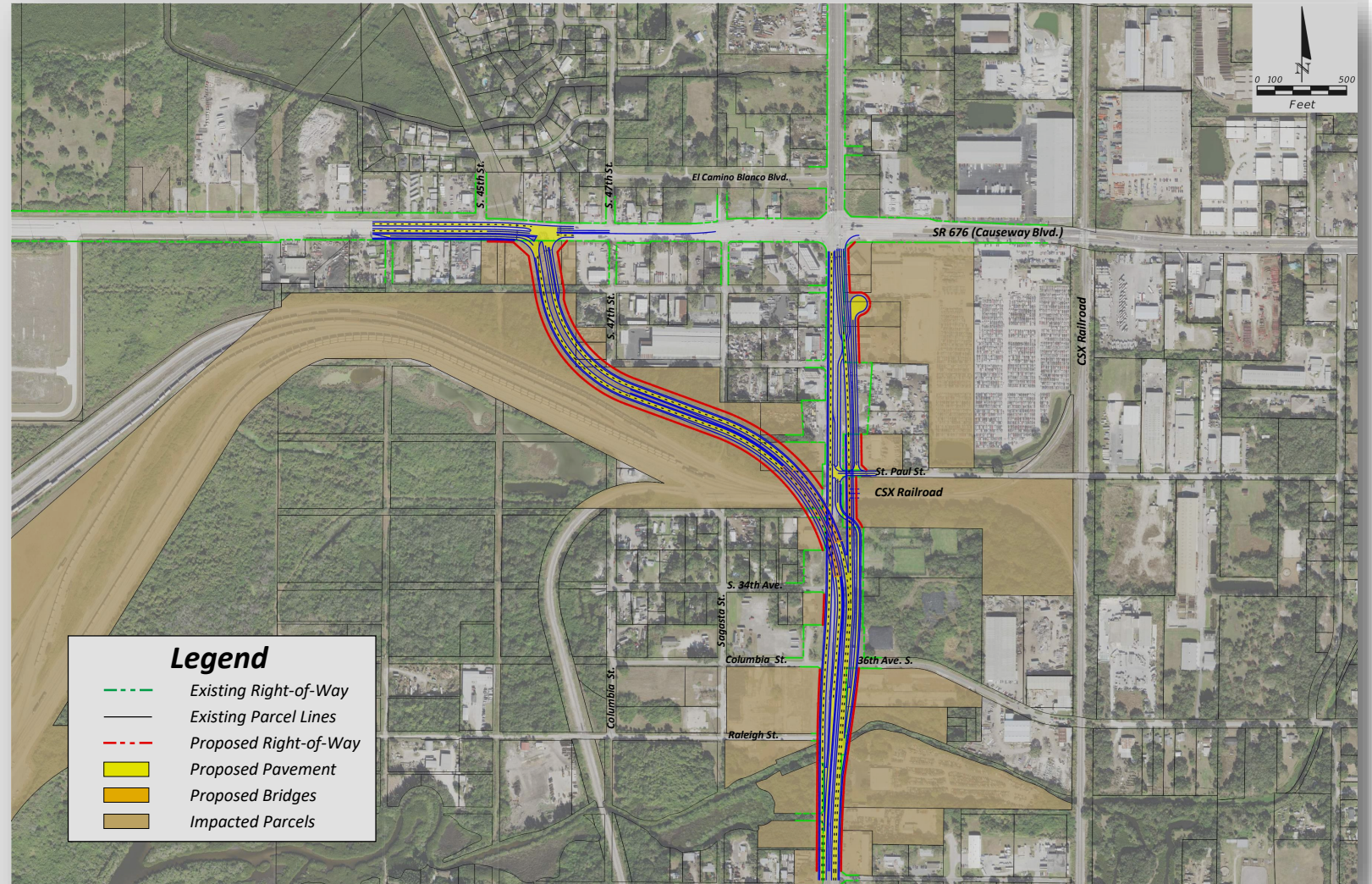
- Option 2B
 - US 41 Grade Separation at CSX
 - New alignment for removing high volume Northbound to Westbound and Eastbound to Southbound movements from intersection
 - Flyover for Northbound to Westbound and Eastbound to Southbound Movements
 - DS = 30 mph



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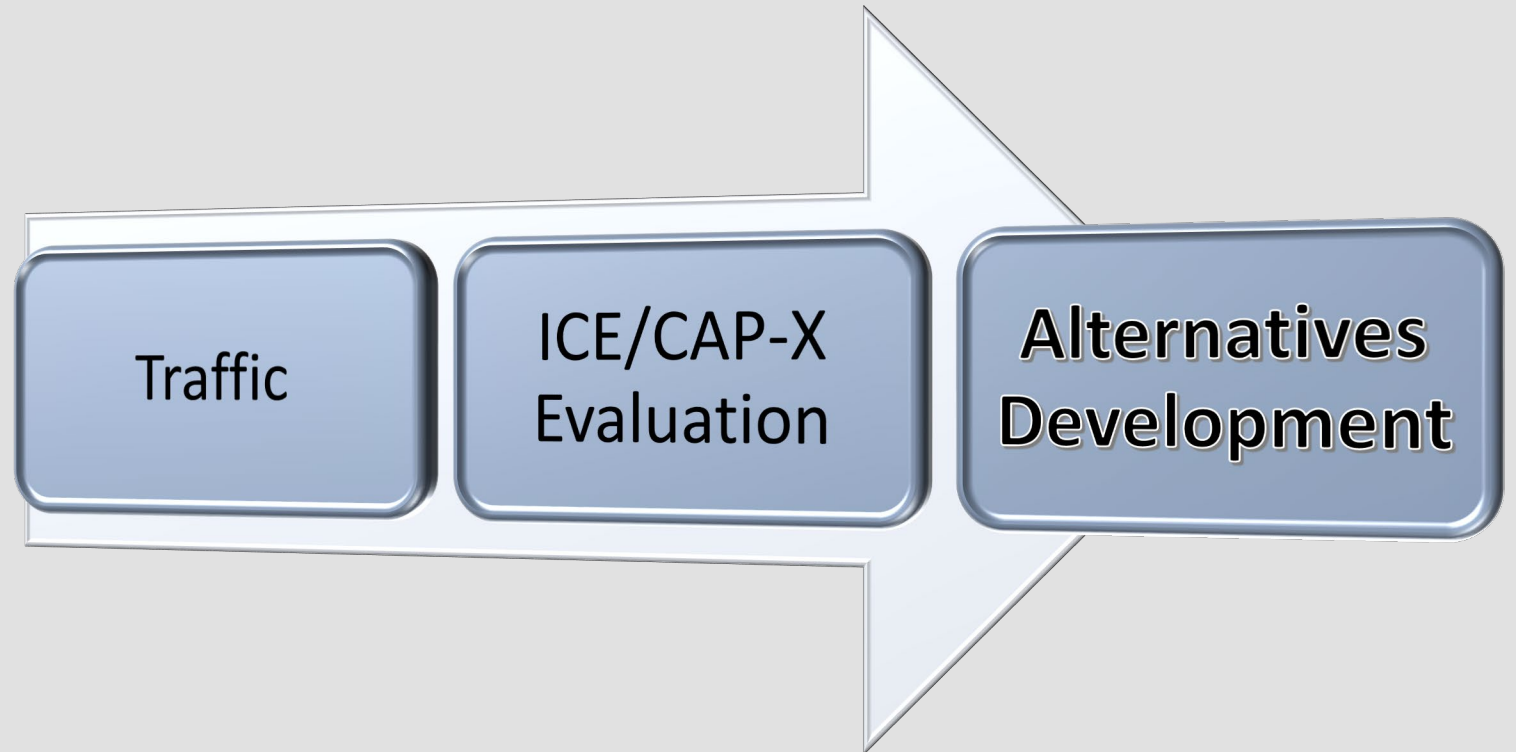
Alternative 3 Revised

- Option 2B
 - US 41 Grade Separation at CSX
 - New alignment for removing high volume Northbound to Westbound and Eastbound to Southbound movements from intersection
 - Flyover for Northbound to Westbound and Eastbound to Southbound Movements
 - DS = 50 mph
- Dead-End Frontage Road from St. Paul St.


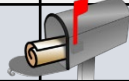
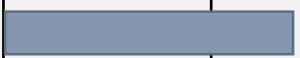

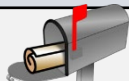

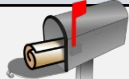

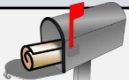




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Alternative 4



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									

Your input is
valued
throughout the
re-evaluation

Submit a comment (at any point in the study)

- In person/mail:

Lilliam Escalera
Florida Department of Transportation
11201 N. McKinley Drive, MS 7-500
Tampa, FL 33612

- Email: Lilliam.Escalera@dot.state.fl.us
- Project Website:
<http://active.fdotd7studies.com/us41/csx-tosr676>

(All comment submittal info is included in your handout)

Attend our public meetings

- Alternatives Public Meeting: Spring 2019
- Public Hearing: Winter 2019

*Check our project website if you ever need a reminder of the schedule or current activities...



DISCUSSION