

Department of Public Works Project Updates

Herndon Town Council Chambers

June 13, 2024

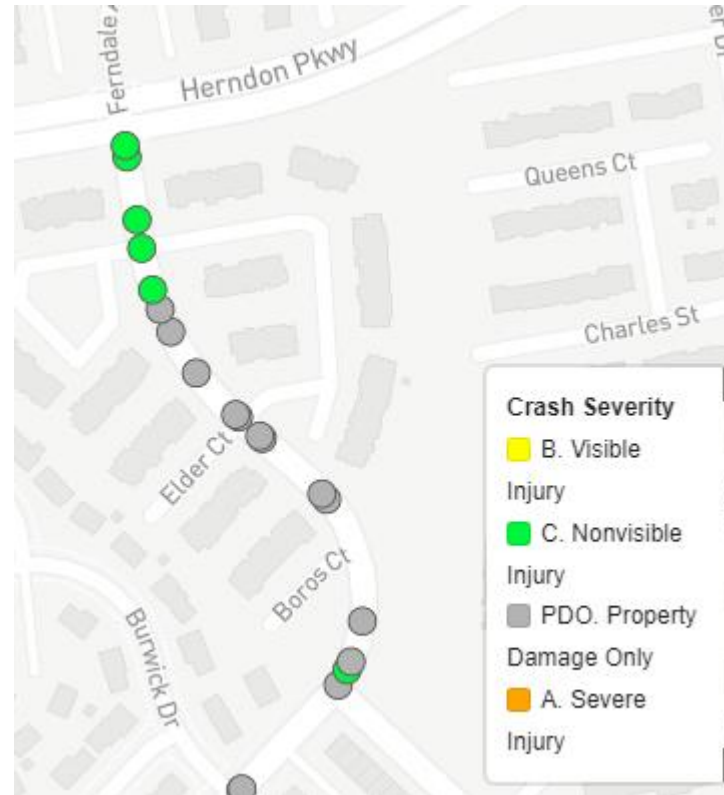
7:00 – 8:30 PM

Ferndale Avenue

Between Herndon Parkway and Park Avenue

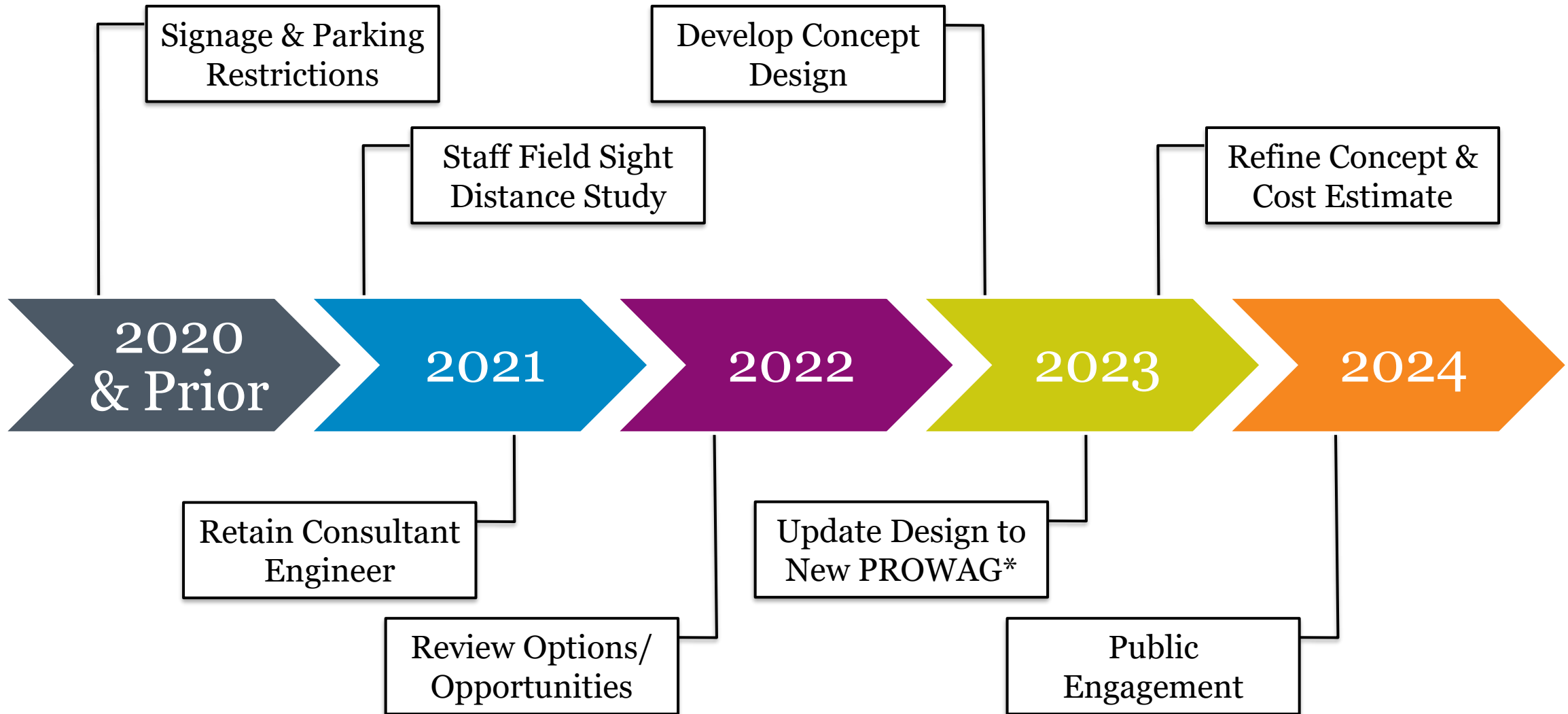
Location and Background

- Extends from Herndon Parkway in the north to Park Avenue in the south
- Subject of several complaints and signage installations prior to 2020
- Herndon Police crash records indicate repeated angle and side-swipe crashes occurring along this segment



Project Development Timeline

**Public Right-of-Way
Accessibility Guidelines*



Project Description

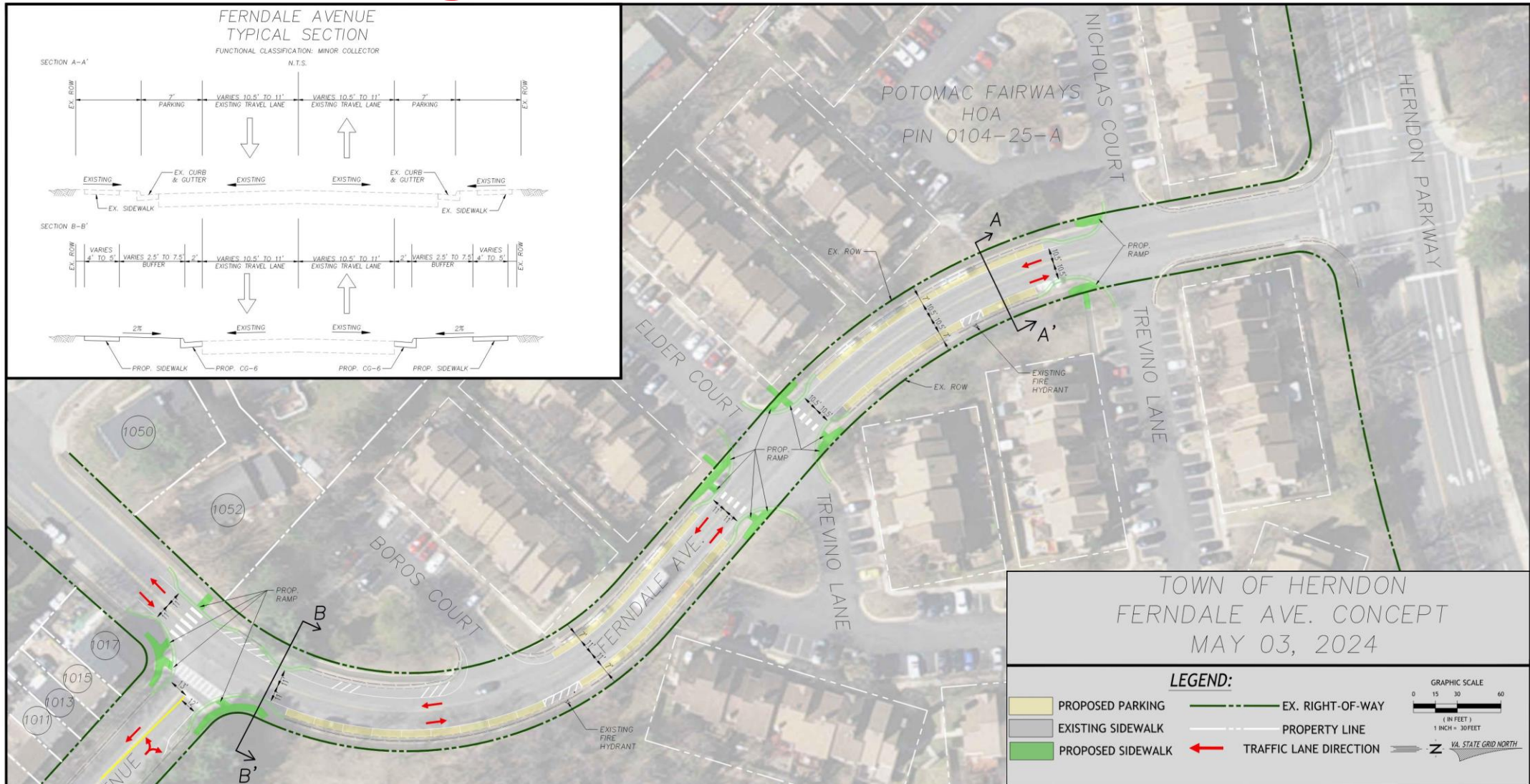
■ Project Elements

- Add bump outs:
 - Nicholas Court/Trevino Lane
 - Elder Court/Trevino Lane
 - Boros Court (paint only)
 - Park Avenue
- Add marked parking lane
- Add marked crosswalks
- No impact to existing drainage structures
- Minimal curb changes

■ Project Benefits

- Increases sight distance for cars and pedestrians
- Adds new, marked, shorter pedestrian crosswalks
- Clearly marks travel lane and center line
- Reduces impermeable surface area/adds green space

Conceptual Design Plan



Conceptual Design Before & After Westbound Park Avenue at Ferndale Street



Conceptual Design Before & After Northbound Ferndale Street at Park Avenue



Conceptual Design Before & After

Northbound Ferndale Street at Elder Court/Trevino Lane



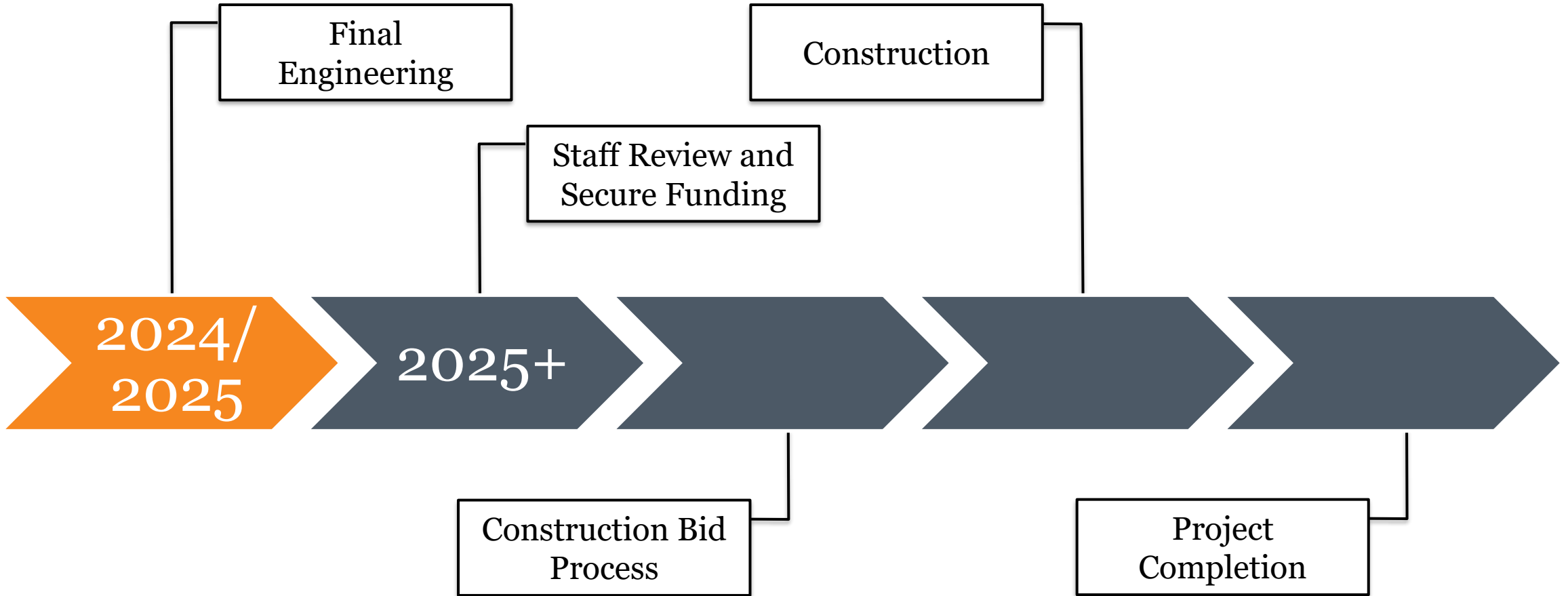
Preliminary Cost Estimate

Element	Cost Estimate ¹
Engineering Design	\$ 80,000
Right-of-way	\$ 30,000
Construction ²	\$540,000
Total	\$650,000

- 1. 2027 Year of Expenditure*
- 2. Including contingencies*

Next Steps*

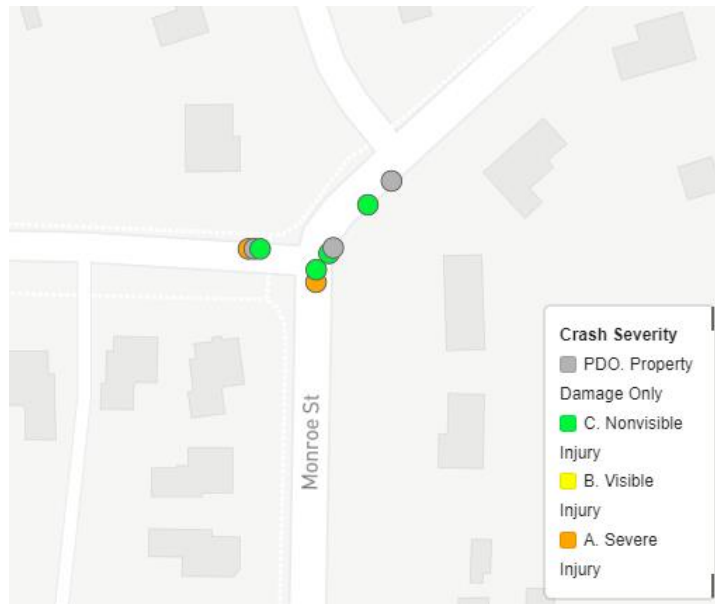
**Pending Approval in
Capital Improvement Plan*



Intersection of Monroe Street and Park Avenue

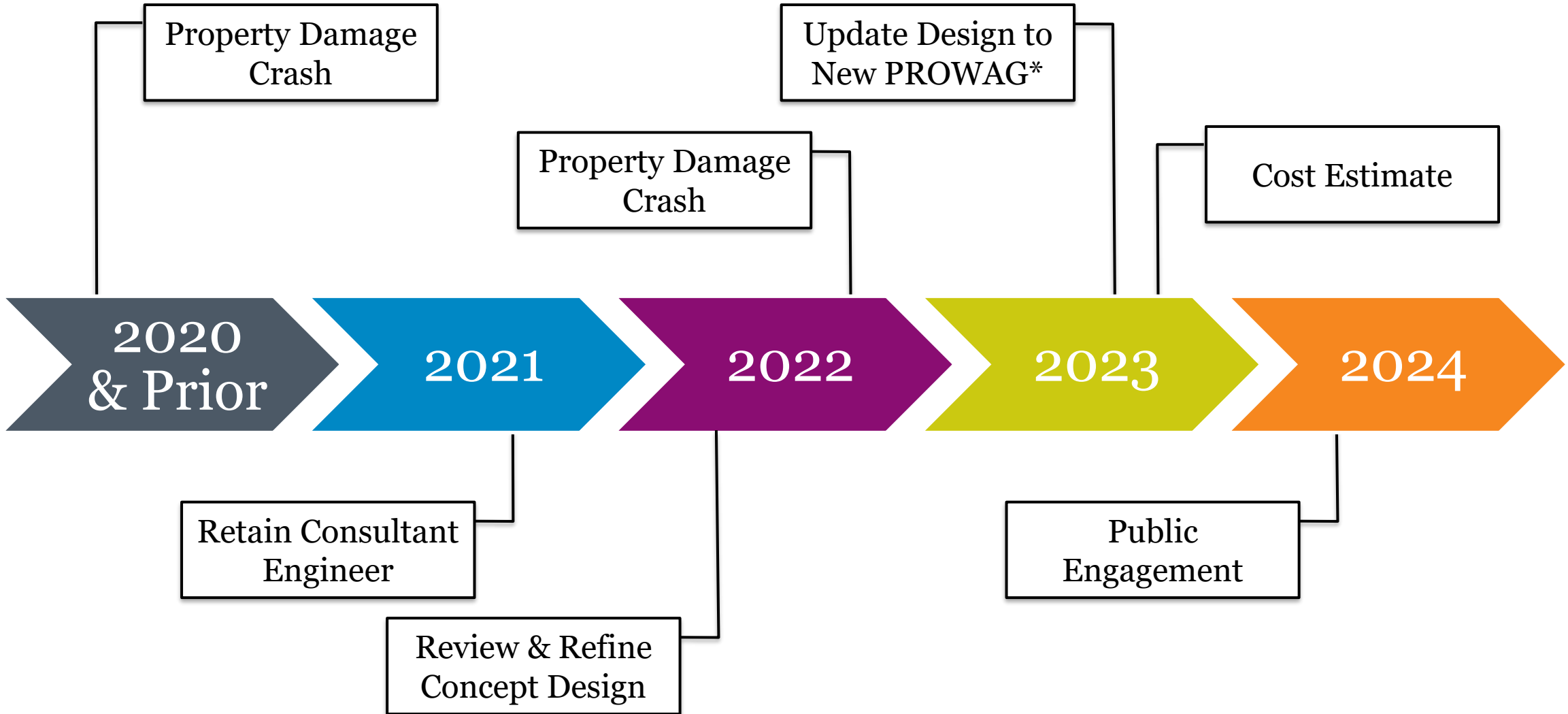
Location and Background

- 2013 Safe Routes to School
- Property damage crashes on southwest and northwest quadrants



Project Development Timeline

**Public Right-of-Way
Accessibility Guidelines*



Project Description

■ Project Elements

- Reconstruct Center Median
 - Refine curve radius
 - Add decorative grasses
 - Extend median to northeast
- Add chevron signs (both directions)
- Adjust radius along southbound Monroe Street curve
- Add lane edge guidance markings
- Adjust advance warning signs

■ Project Benefits






- Creates a more consistent curve radius
- Improves curve conspicuity and aids driver awareness
- Add visual traffic calming

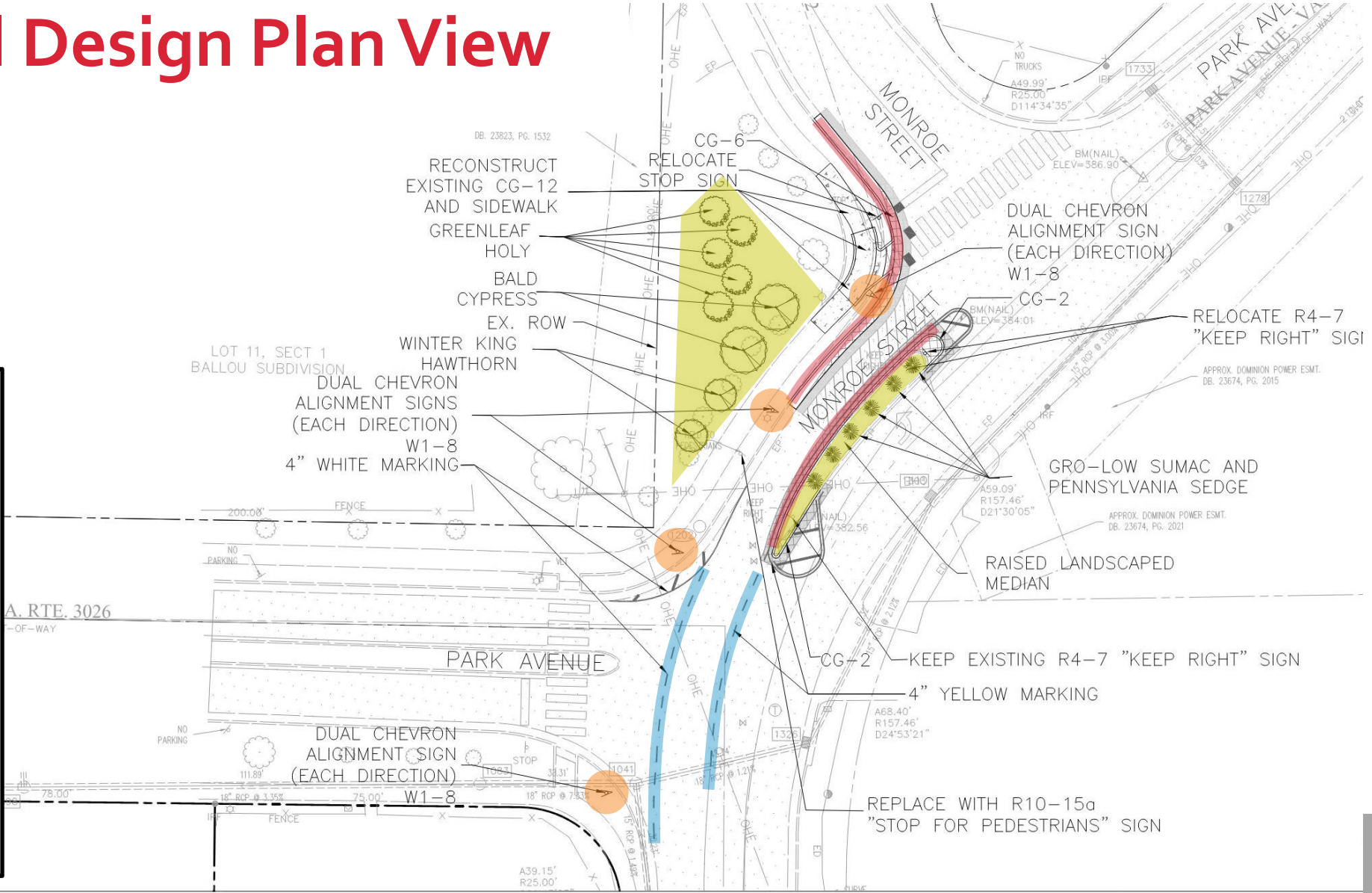
Conceptual Design Plan View

Primary Elements

- Curb Adjustment
- Chevron Signs
- Lane Markings
- Landscaping

PAVEMENT LEGEND

	FULL DEPTH PAVEMENT
	PROP. MILL AND OVERLAY
	PROP. SIDEWALK
	EXIST. PAVEMENT
	DEMO



Conceptual Design Before & After Westbound Park Avenue at Monroe Street



Preliminary Cost Estimate

Element	Cost Estimate ¹
Engineering Design	\$ 40,000
Right-of-way	\$ 5,000
Construction ²	\$150,000
Total	\$195,000

- 1. 2027 Year of Expenditure,*
- 2. Including contingencies*

Next Steps*

**Pending Approval in
Capital Improvement Plan*

