

TRYON ROAD WIDENING - PART C

From Lake Wheeler Road to Par Drive

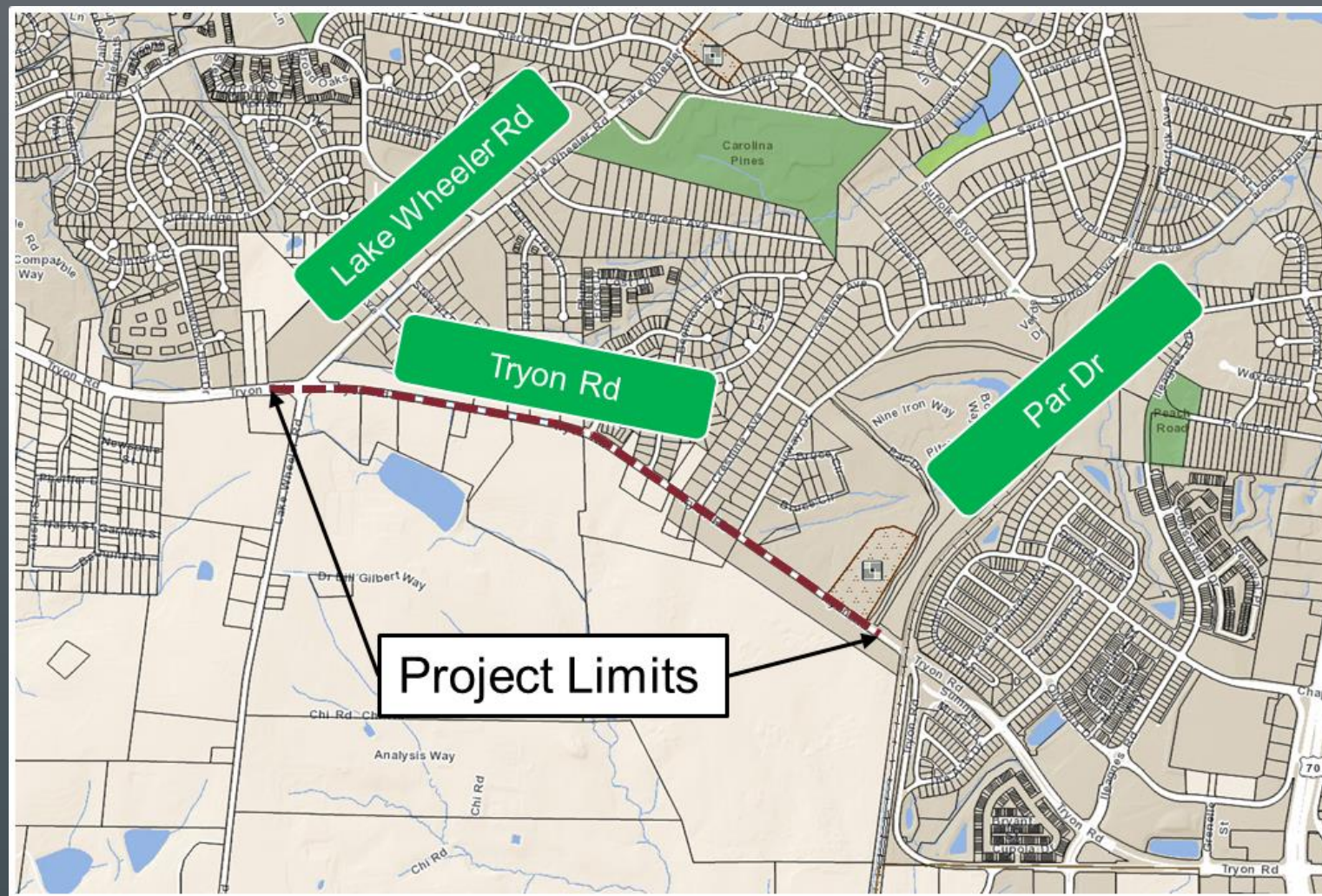


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Project Location



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Existing Conditions

- 2-lane rural section
- Moderate utilities
- Lacking bike/ped amenities



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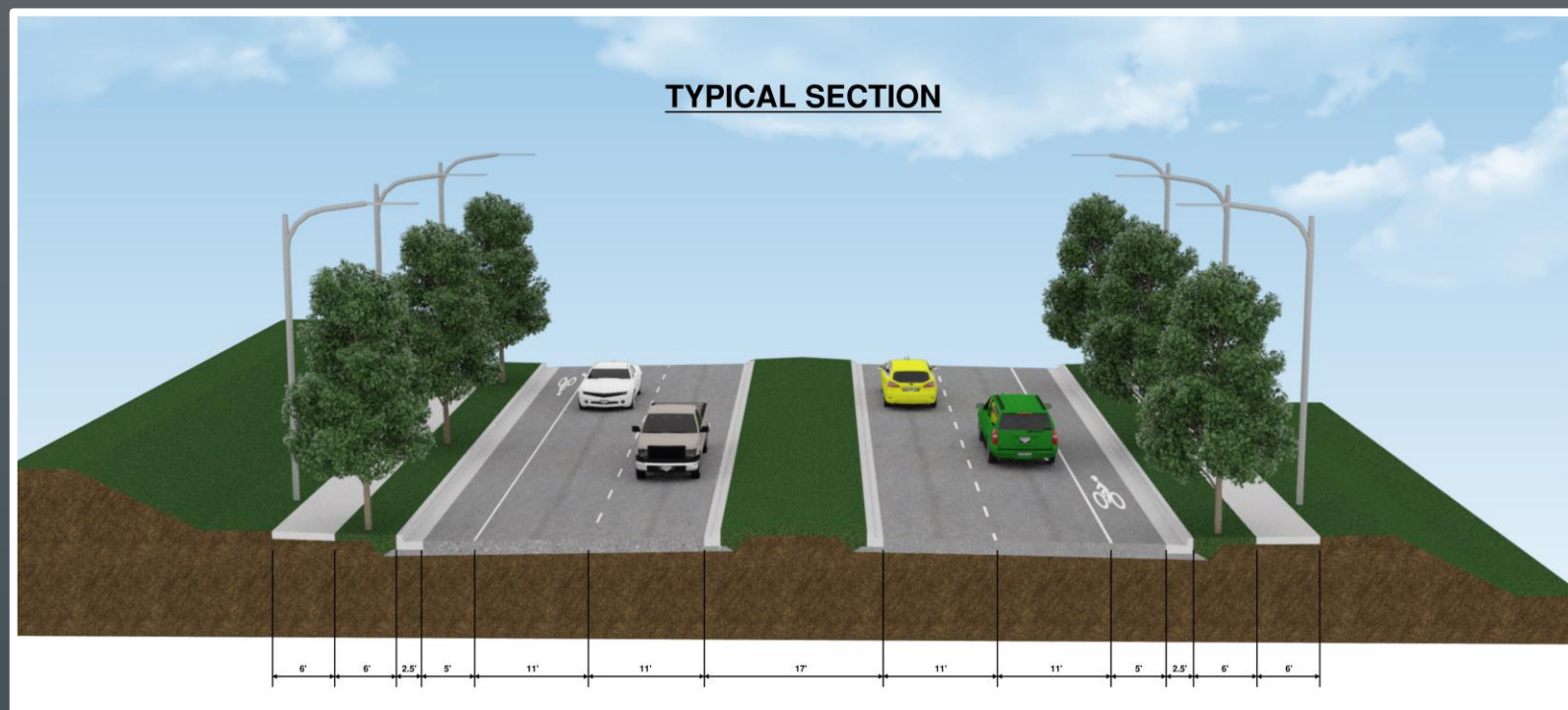
Purpose of Project

- Provide last multi-lane section to complete Tryon Road corridor improvements from US 64 in Cary to US 70/401 in Raleigh
- Improve traffic operations and relieve congestion
- Add bike/ped facilities



Typical Section

- 4-lane median divided
- 5-ft wide bike lane
- 6-ft wide sidewalk



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Project Challenges

- Subdivision entrances
- Intersections
- Raleigh Golf Association
- Historic Landmark
- Utilities



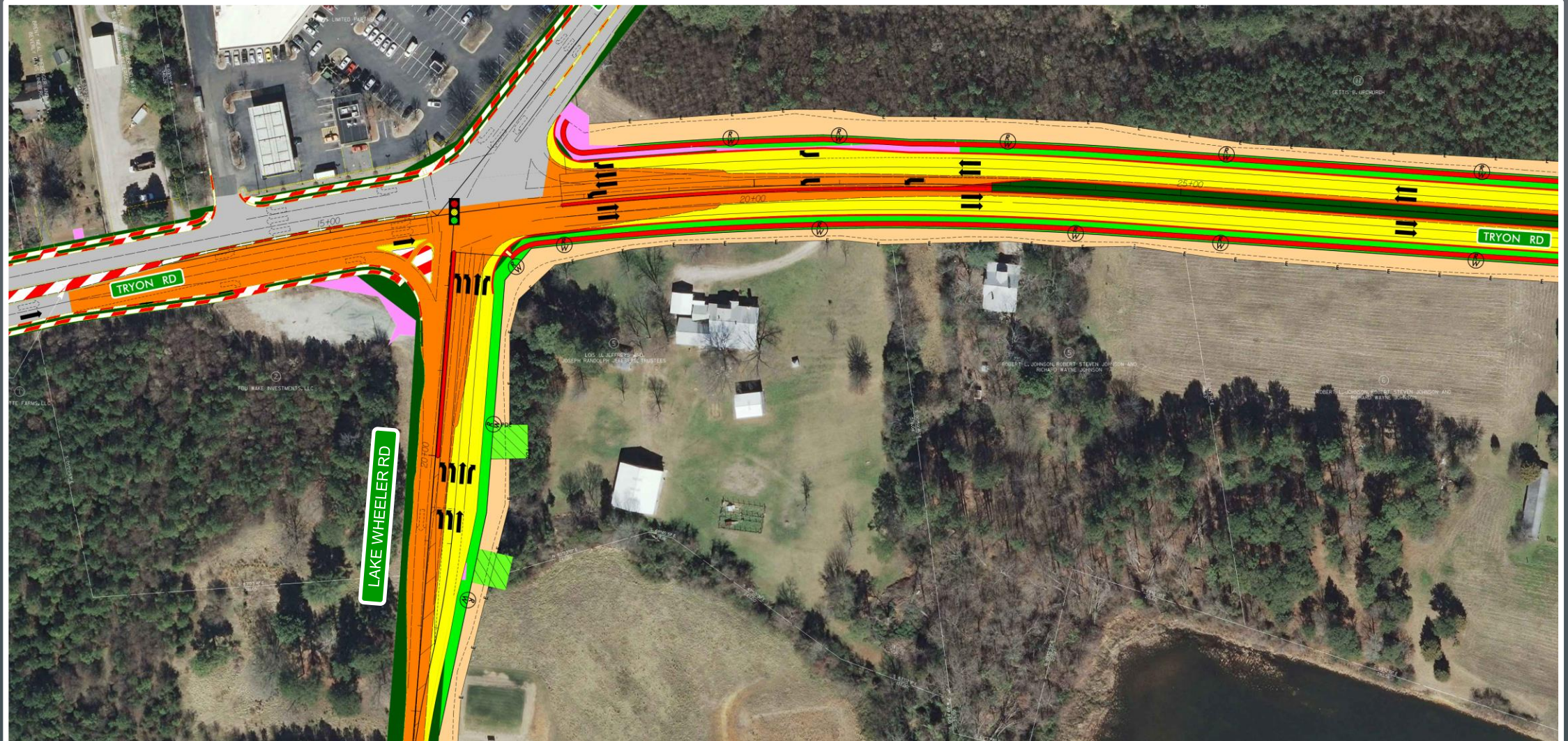
Stormwater Management

- 80% in Swift Creek Watershed
- 20% in Walnut Creek Watershed
- Utilize NCDOT Toolbox for Stormwater Management
- Preformed Scour Holes
- Rip Rap Energy Dissipaters



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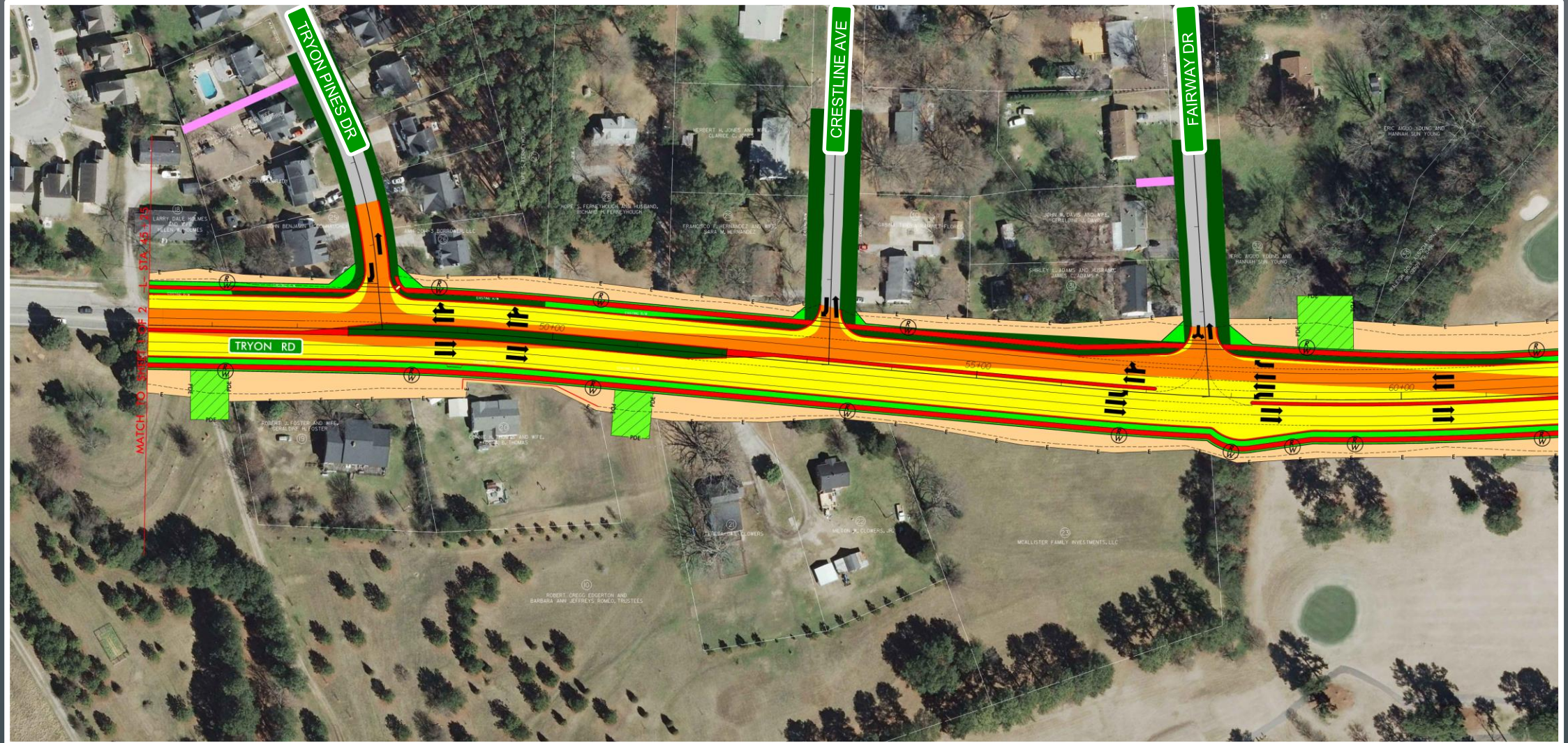


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Landscape Treatment

- Native and naturalized plants
- Low maintenance, drought tolerant
- Human scale
- Seasonal & sensory interest
- Wildlife habitat enhancement
- Bioretention areas
- Meet sight distance requirements
- Avoid utility conflicts
- CPTED principles
 - Personal safety
 - Pedestrian safety



Black Gum



Water Oak



Eastern Redbud



Prairie Dropseed



Dwarf Inkberry



Black-eyed Susan



Fringe Tree

Project Schedule

- First Public Meeting – December 2017
- Second Public Meeting – Spring 2018
- City Council Public Hearing – Spring 2018
- Right-of-Way Acquisition – Winter 2019
- 100% Complete Plans – Winter 2019
- Letting/Award Contract – Spring 2019
- Complete Construction – Winter 2020

Questions

- ???

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