



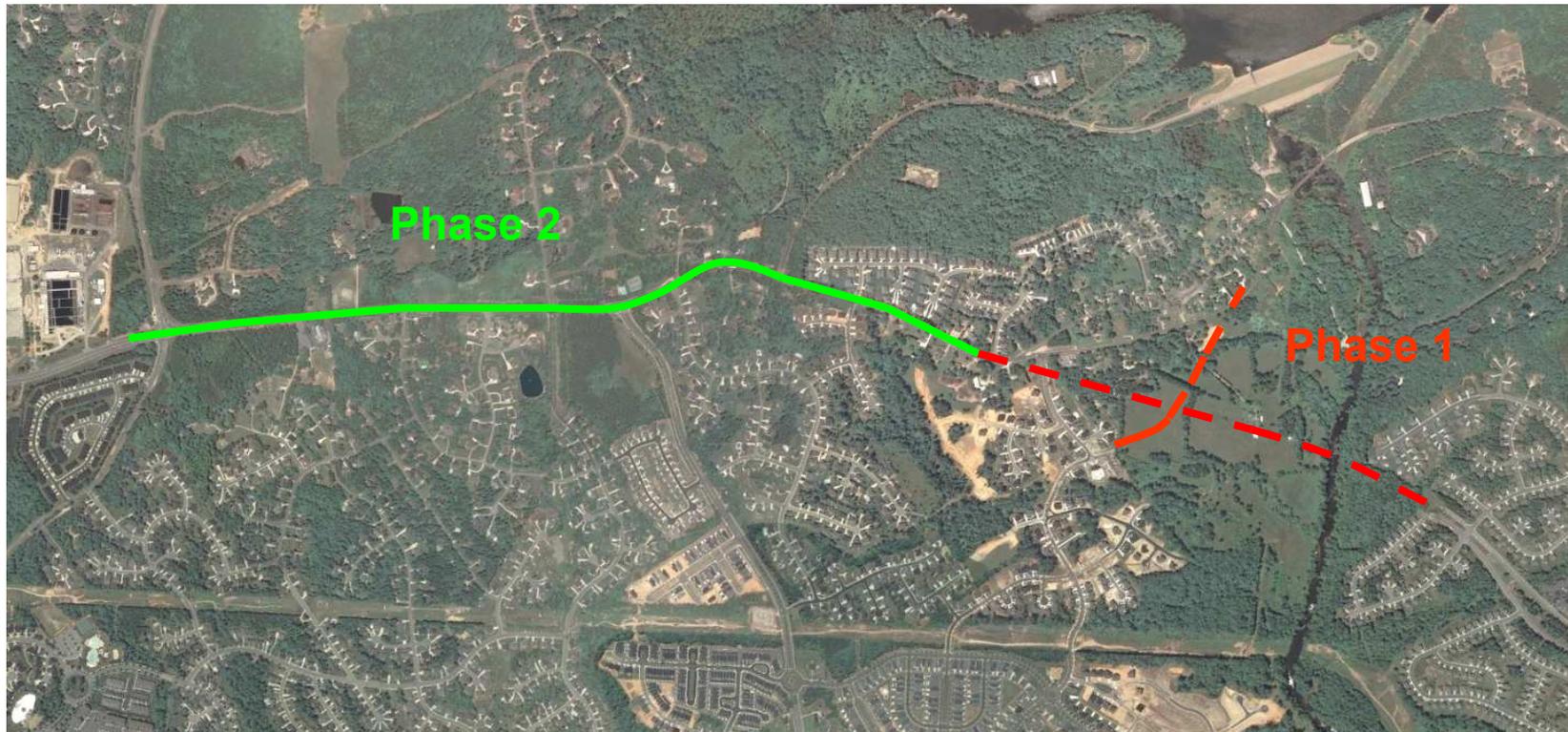
# City of Raleigh

## ***Falls of Neuse Road Realignment and Widening Project Phase II***

65% Design Public Meeting  
December 3, 2009



# PROJECT PHASES



December 3, 2009



# WHERE HAVE WE BEEN?

- ▶ BEGAN WORK ON THE PROJECT IN 2007
- ▶ HELD AN EXTENSIVE SERIES OF PUBLIC INVOLVEMENT MEETINGS
- ▶ COMPLETED OF THE ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT IN JUNE 2009
- ▶ HELD NUMEROUS ADDITIONAL SMALL COMMUNITY FOCUS MEETINGS
- ▶ PRESENTED THE PROJECT AT 25% DESIGN STAGE BEFORE CITY COUNCIL IN JULY OF 2009
- ▶ RECEIVED CITY COUNCIL'S APPROVAL TO PROCEED WITH THE PROJECT IN AUGUST OF 2009



# WHERE ARE WE AT NOW?

- **PHASE I** SECTION - PROJECT DESIGN IS COMPLETE
- PROJECT DESIGN OF **PHASE II** SECTION IS 65% COMPLETE

## WHAT DOES 65% DESIGN MEAN?

- DESIGN OF THE ROADWAY IS ESSENTIALLY 65% COMPLETE
- ALL OF THE COMPONENTS OF THE DESIGN ARE DEVELOPED IN ENOUGH DETAIL TO ESTIMATE IMPACTS

- ✓ DRAINAGE DESIGN
- ✓ TRAFFIC CONTROL
- ✓ EROSION CONTROL
- ✓ LANDSCAPE DESIGN

- ✓ TRAFFIC SIGNAL DESIGN
- ✓ UTILITY RELOCATION
- ✓ GEOTECHNICAL DESIGN



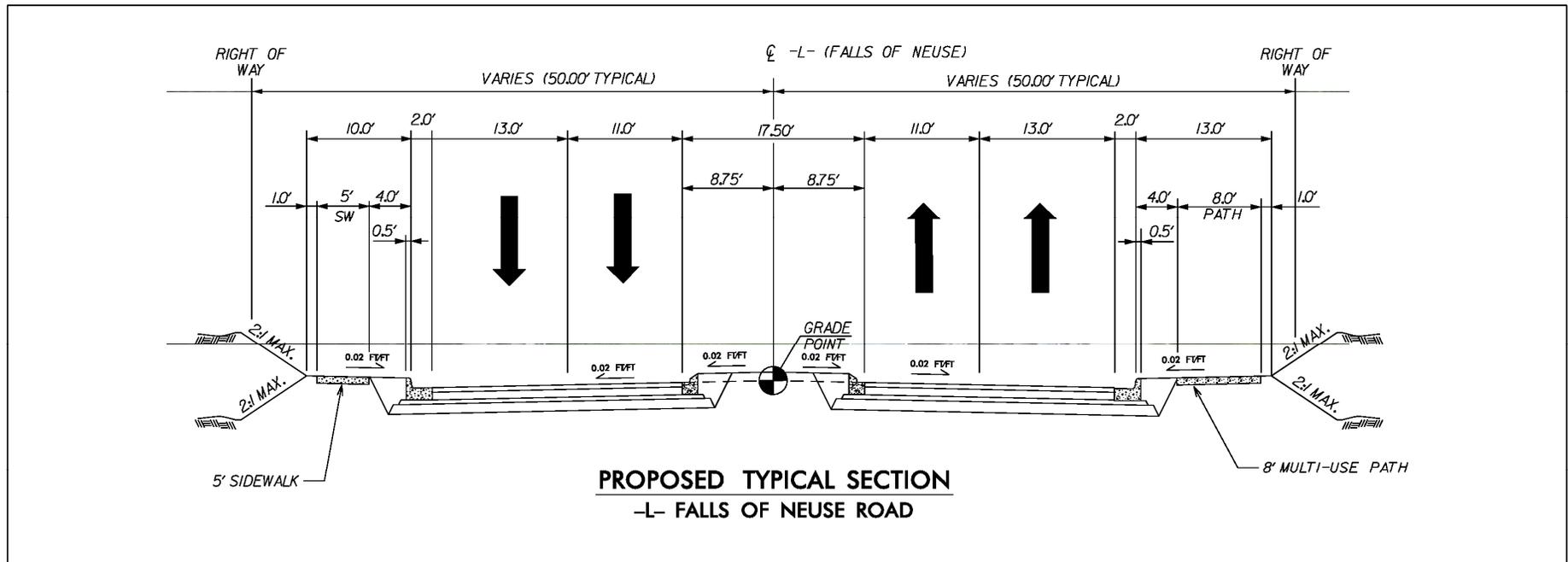
# EXISTING TYPICAL SECTION PROPOSED TYPICAL SECTION



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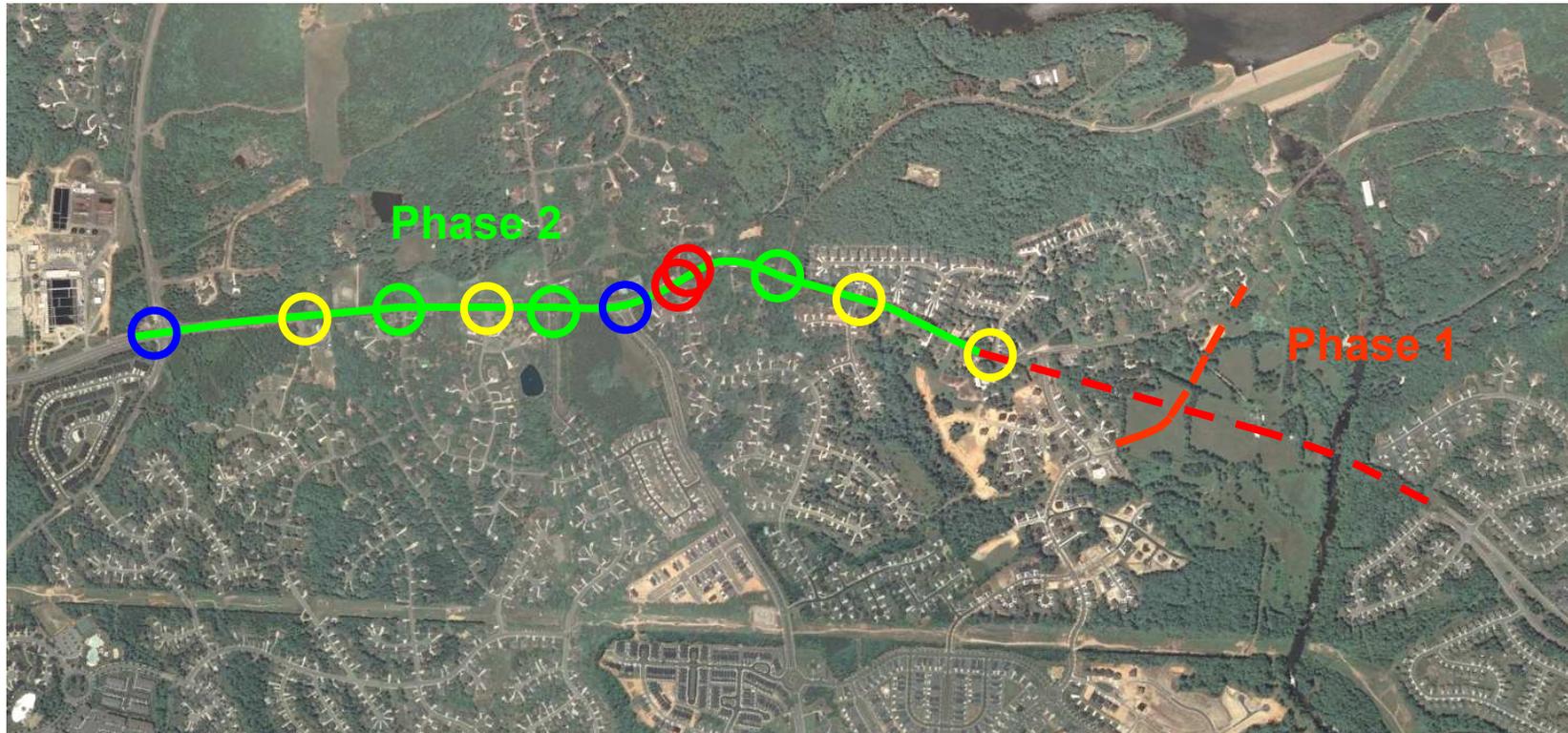
# EXISTING TYPICAL SECTION PROPOSED TYPICAL SECTION



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# SIGNIFICANT INTERSECTIONS



## SIGNALIZED

- RAVEN RIDGE RD.
- DUNN RD.

## UN-SIGNALIZED

- DEHIJUSTON CT.
- COOLMORE DR.
- TABRIZ/LAKE VILLA
- WATERWOOD CT.

## DIRECTIONAL LEFT-OVER

- OCTOBER RD.
- KINGS GRANT/  
WHITTINGTON
- FALLS DAM

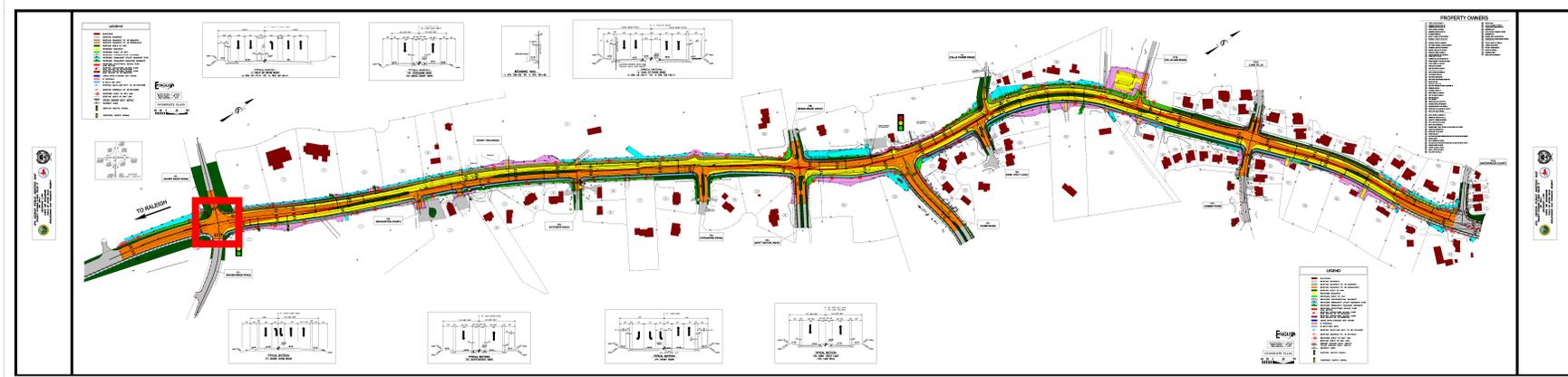
## RIGHT IN /RIGHT OUT

- HIGH HOLLY LN.
- FALLS TOWER DR.

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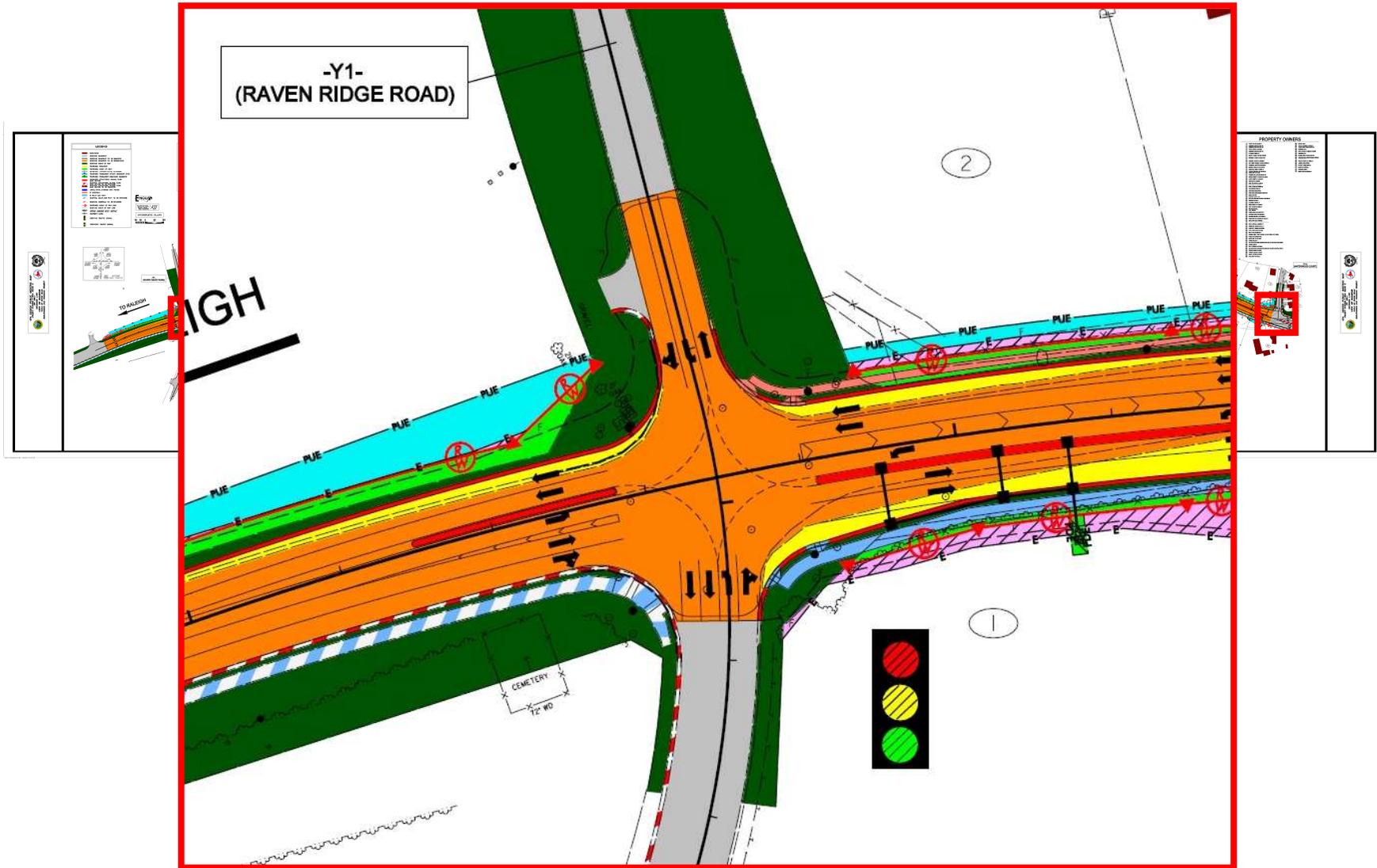
# PHASE II – PROJECT MAP



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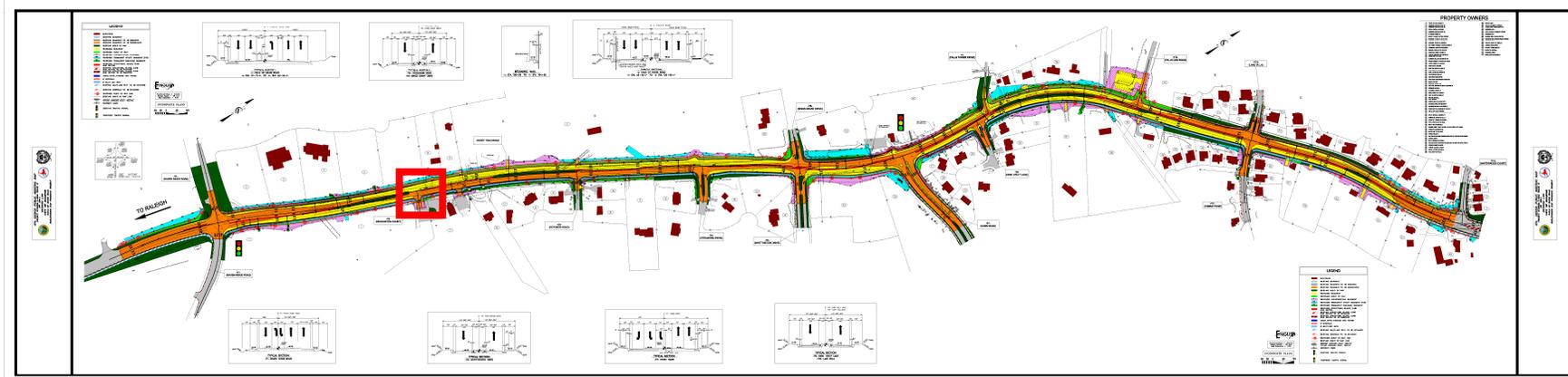
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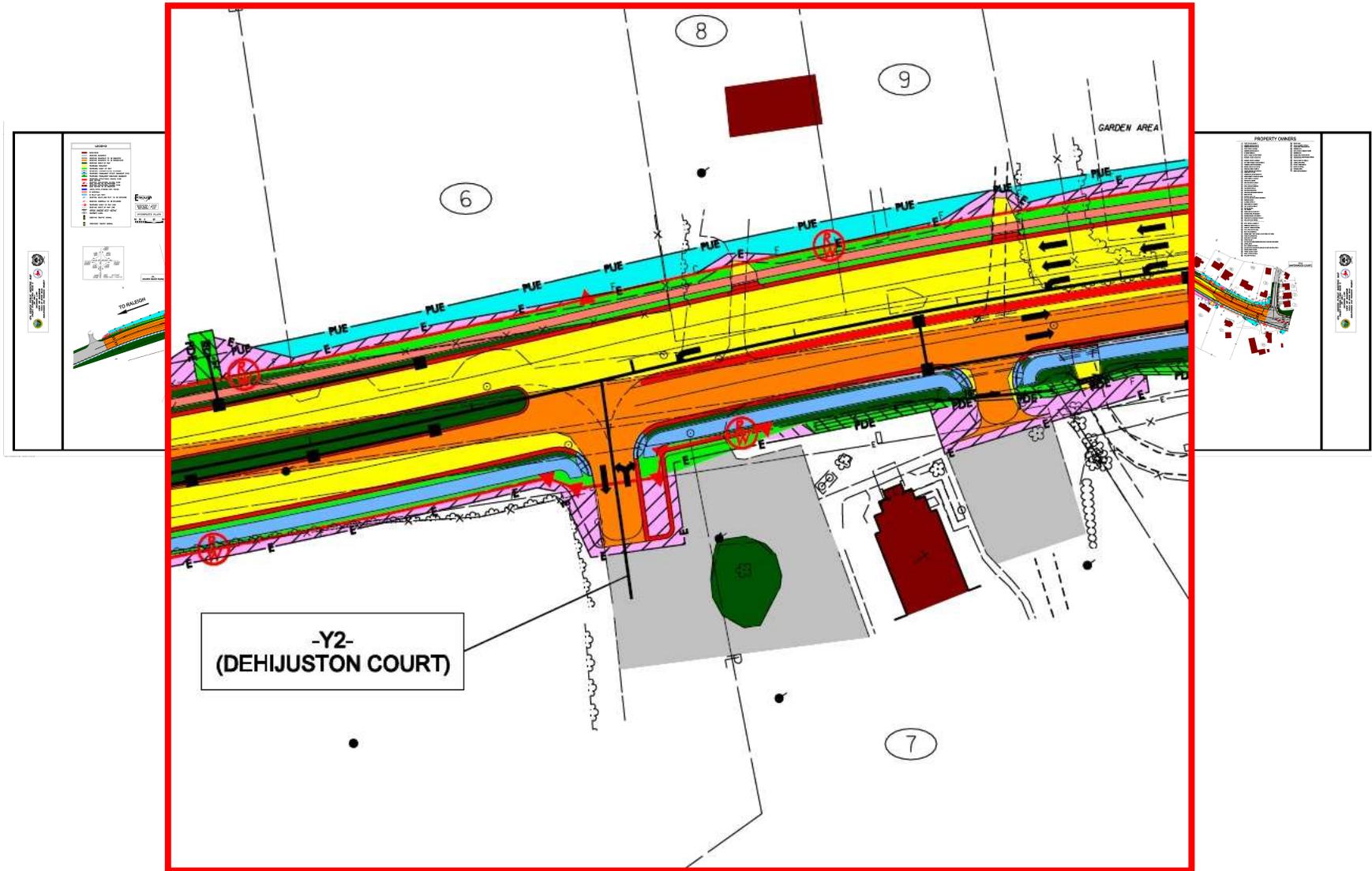
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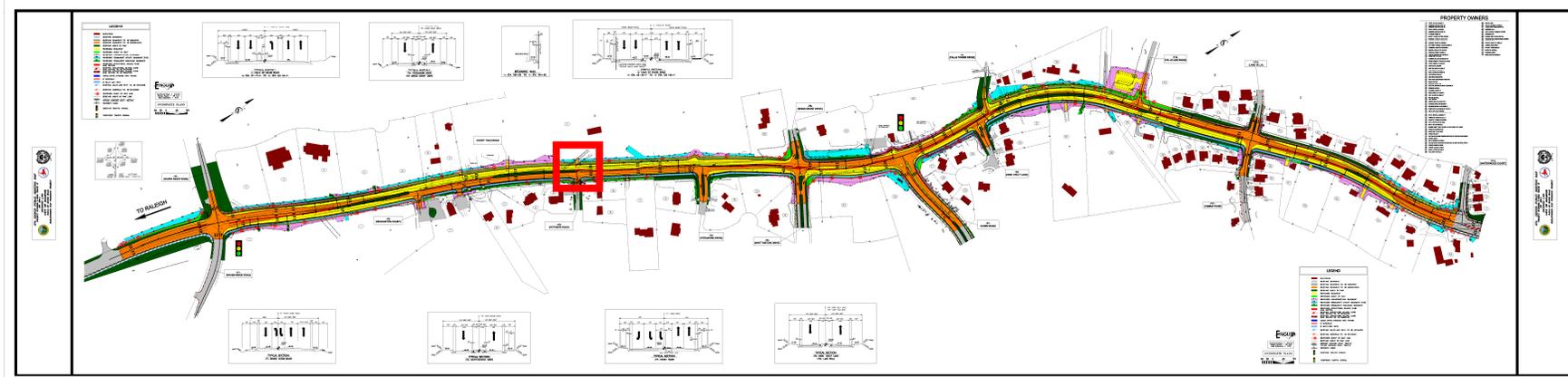
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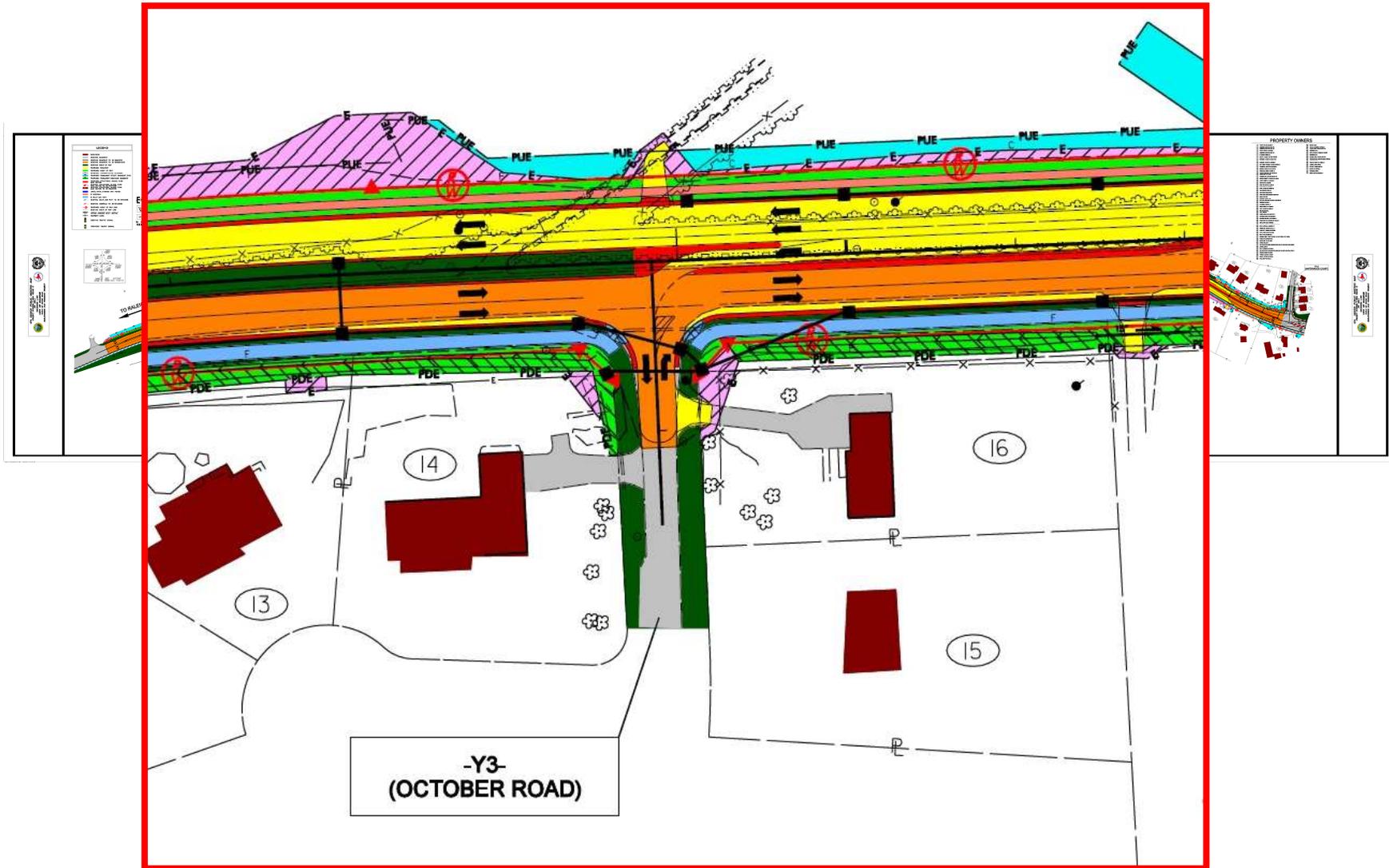
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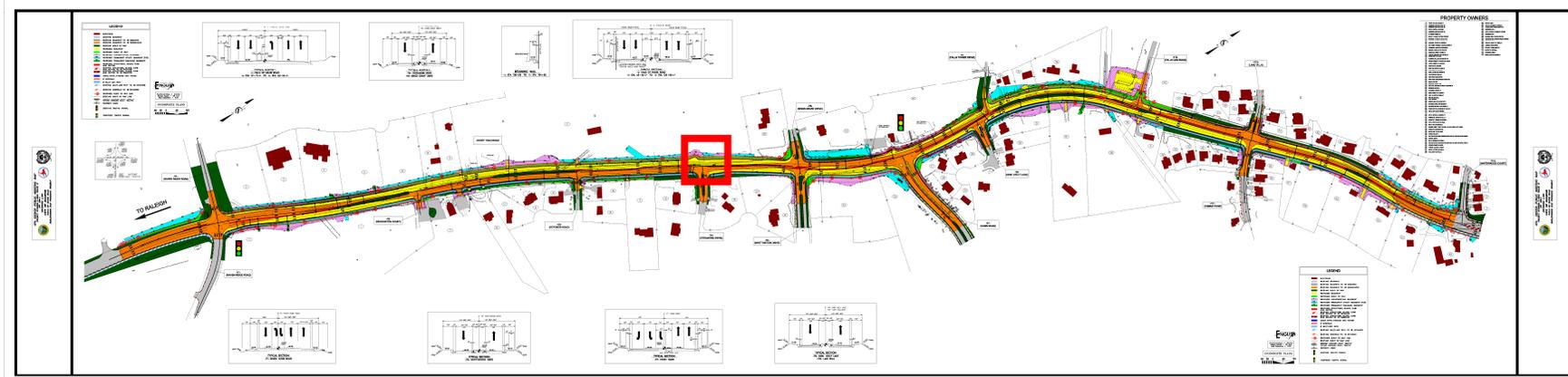
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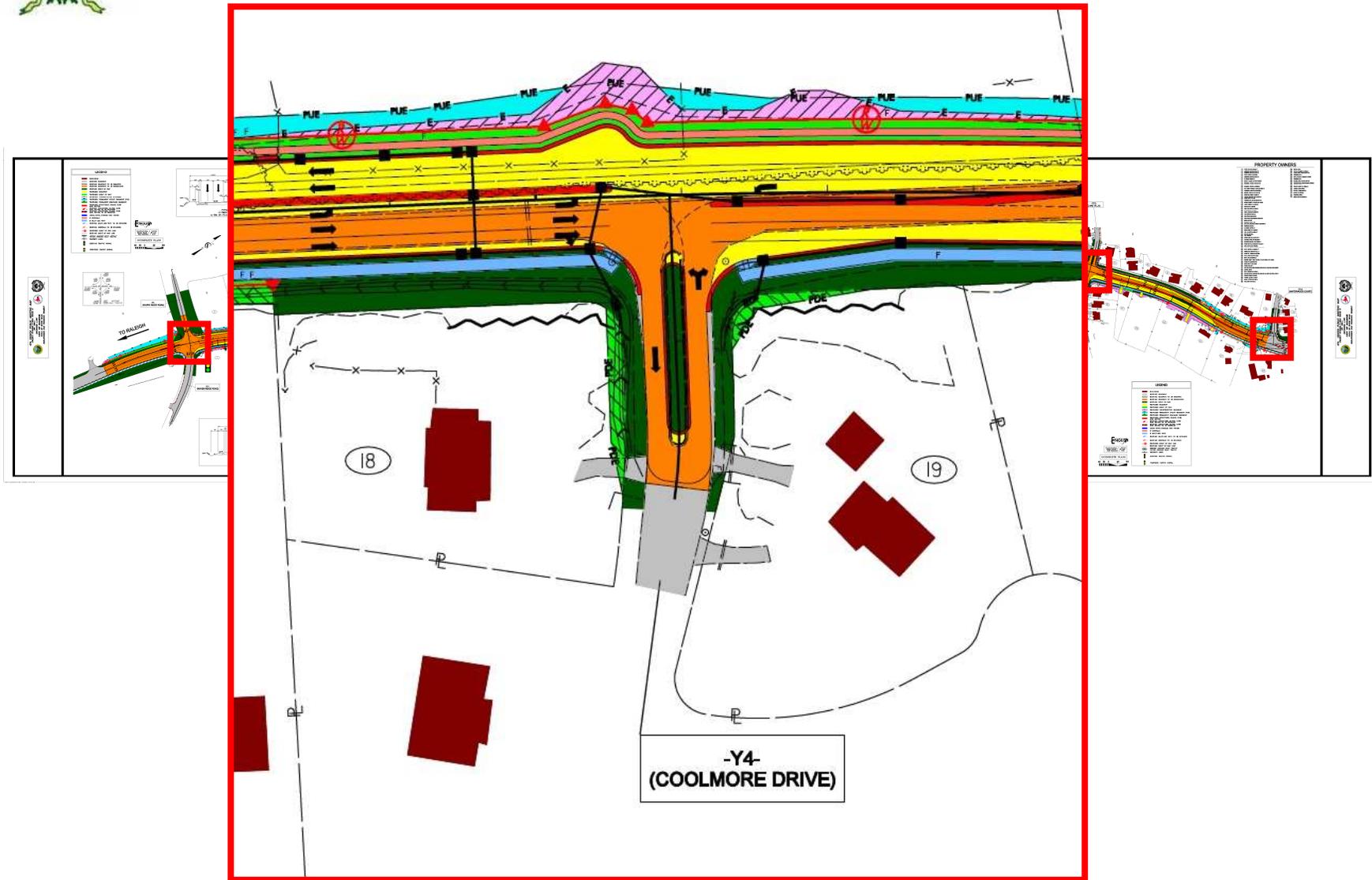
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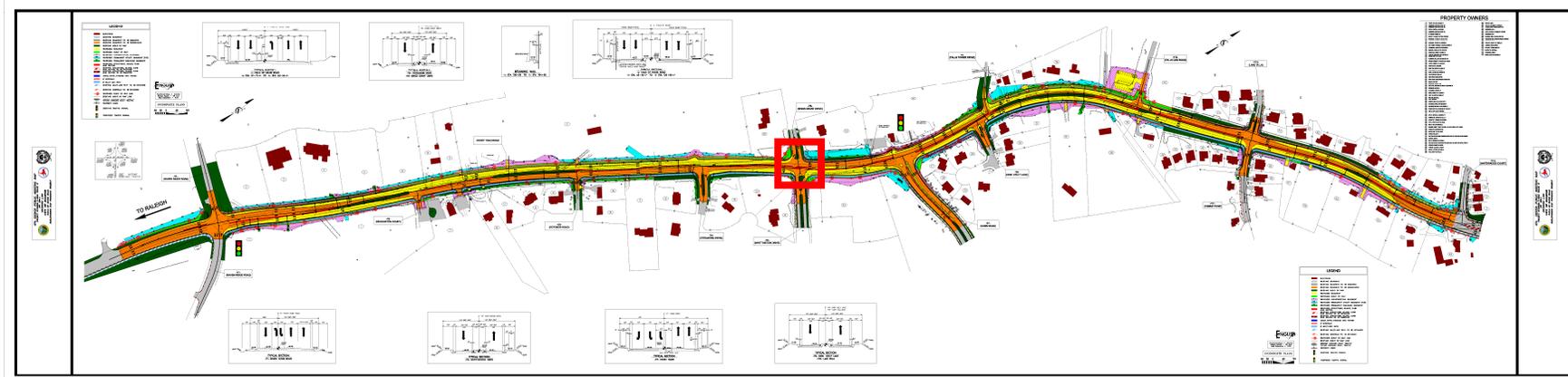
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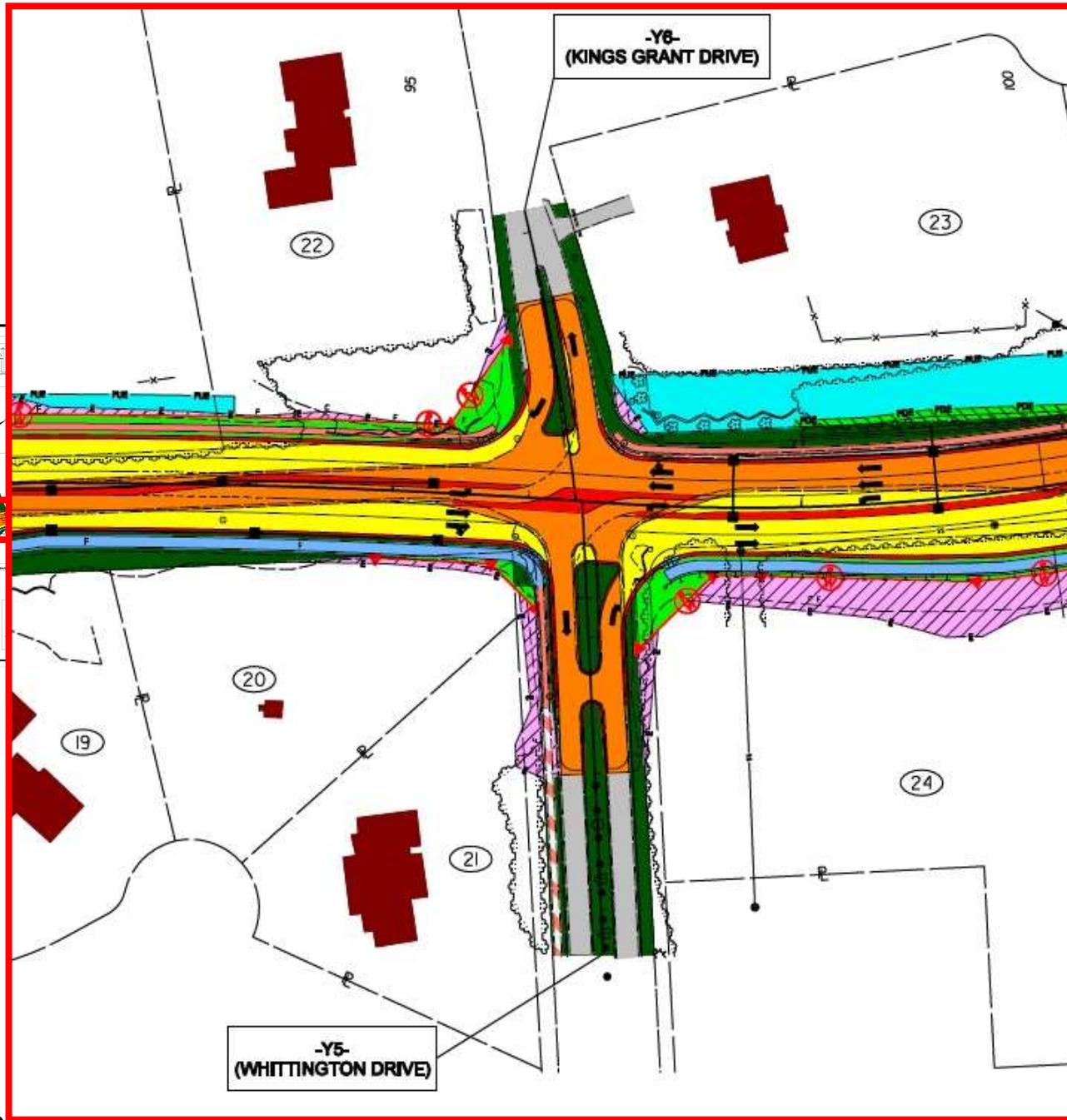
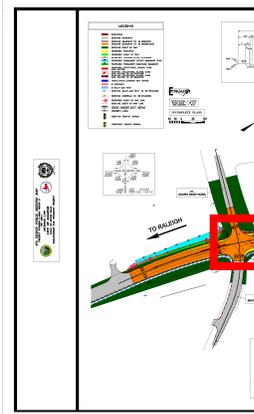
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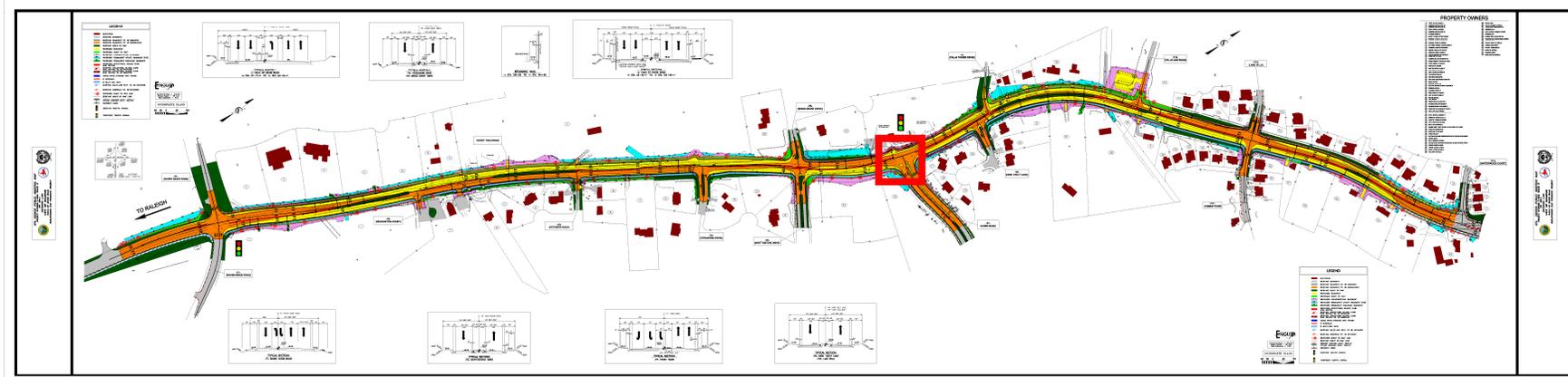
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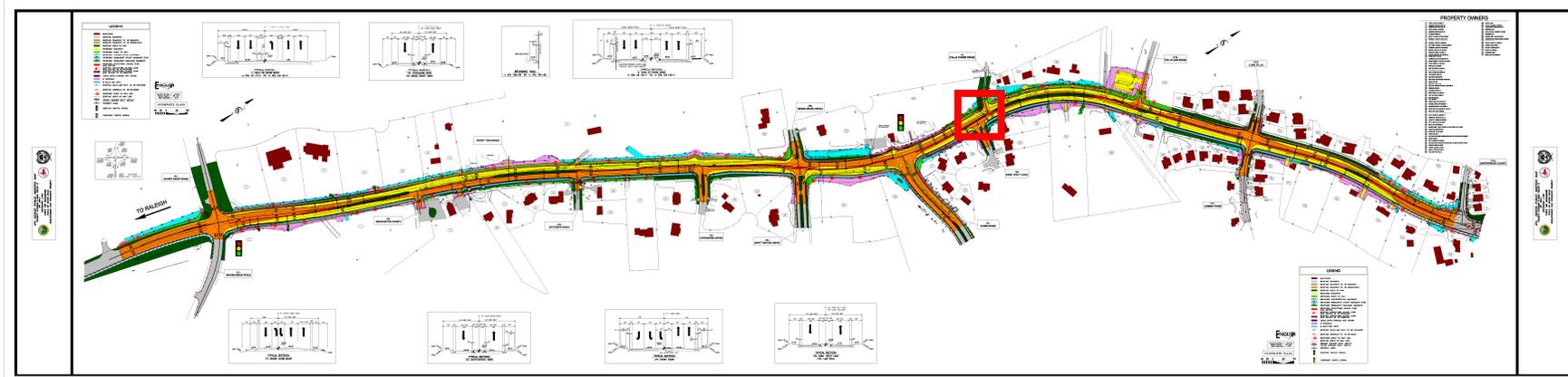


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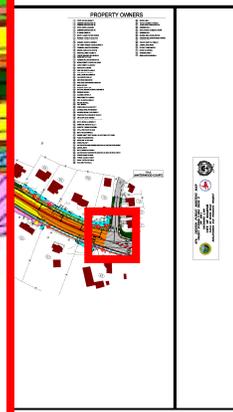
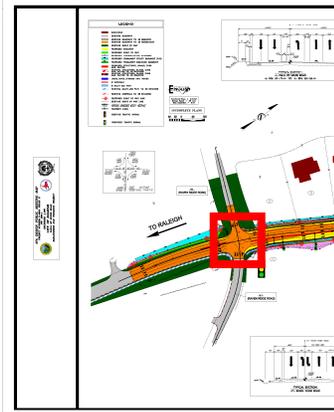




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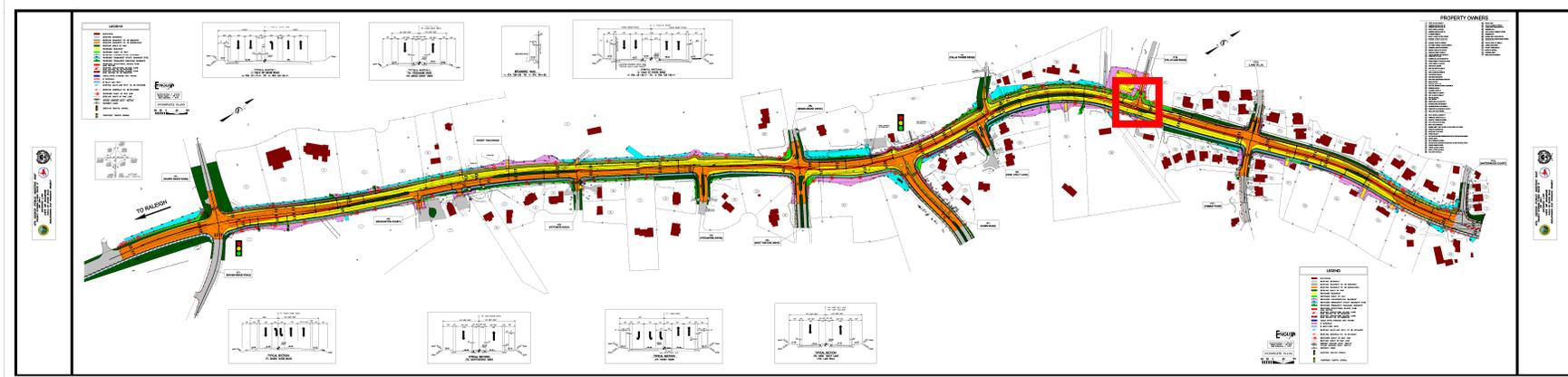
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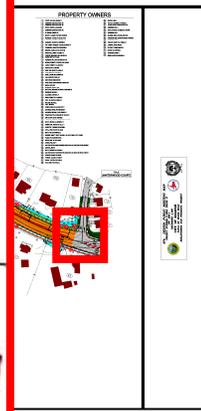
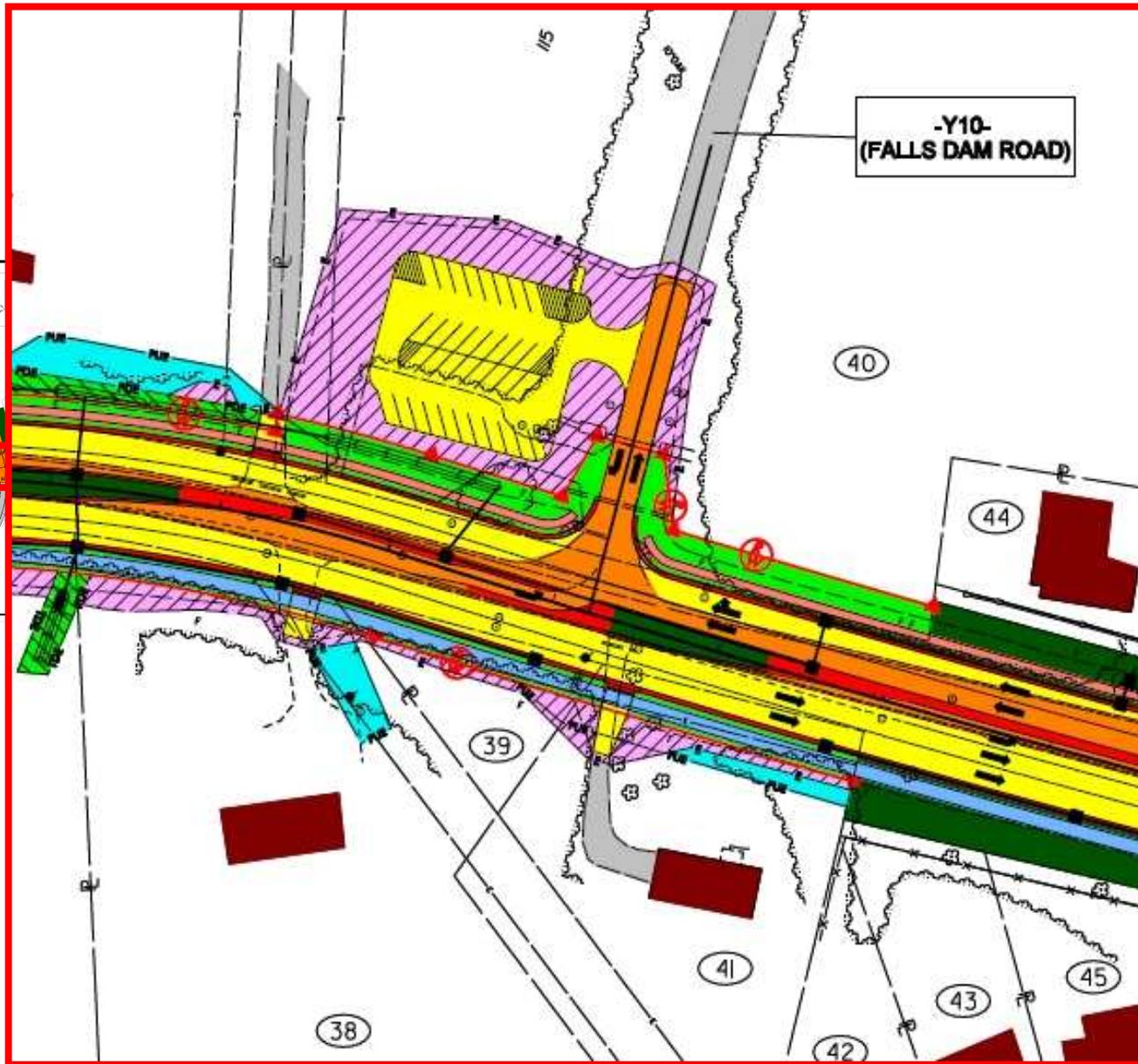
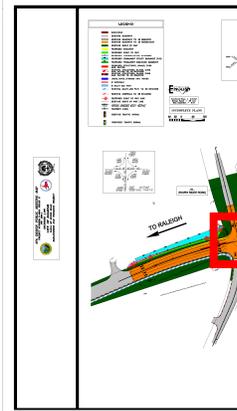
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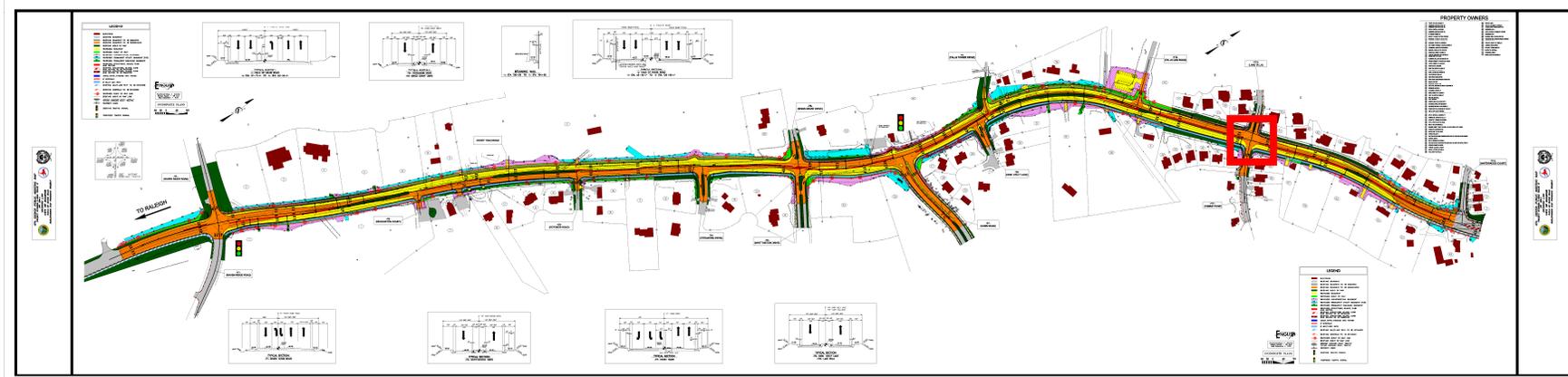
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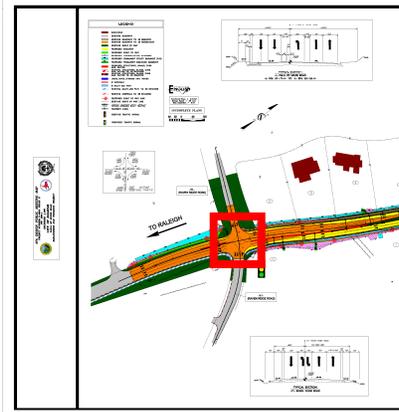
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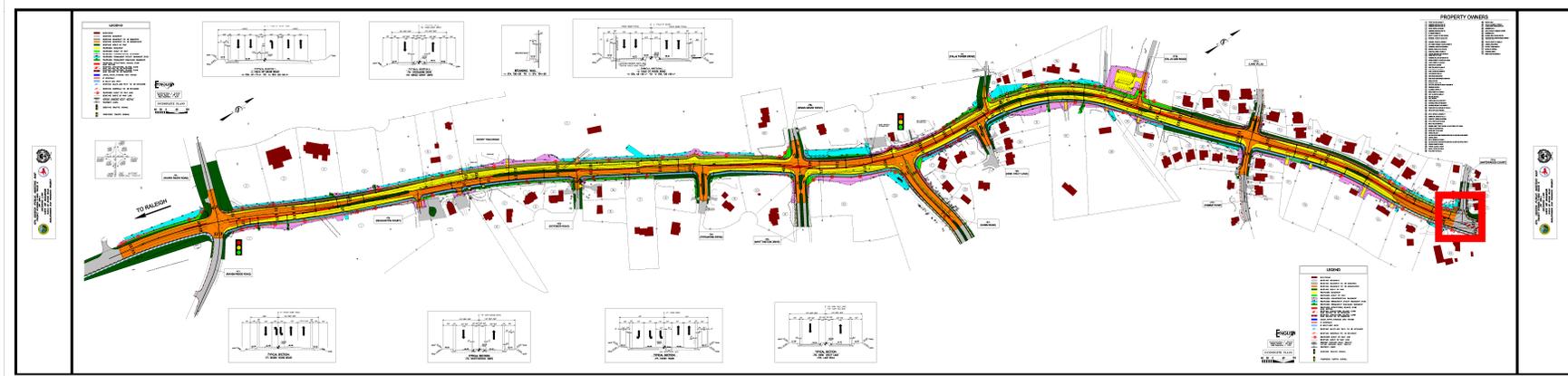
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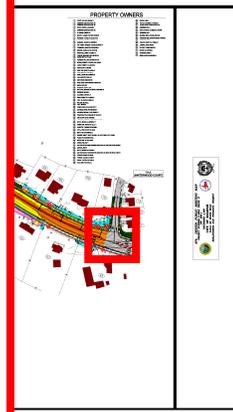
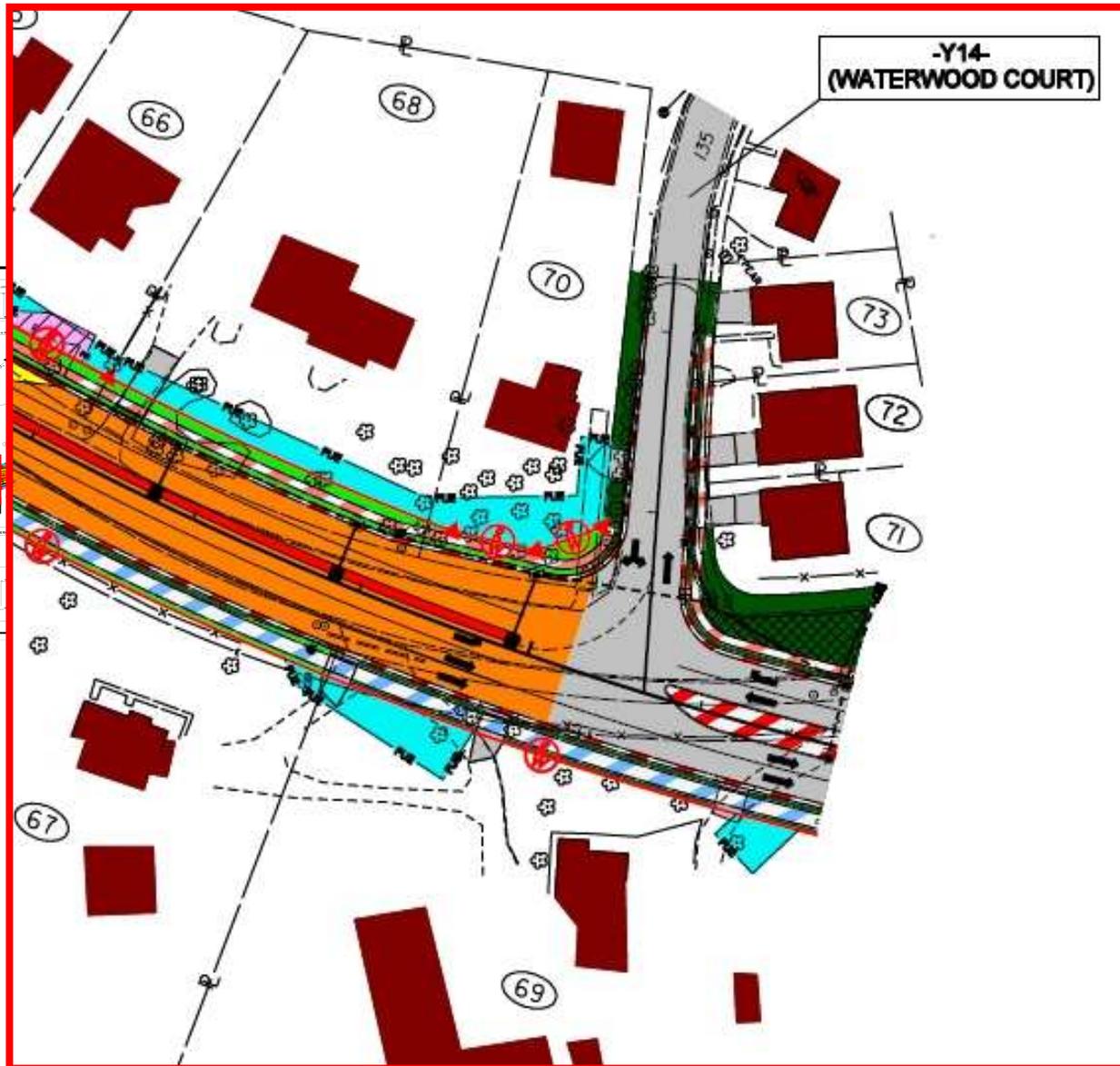
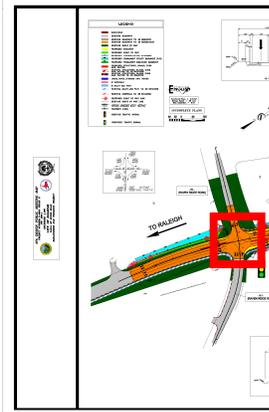
December 3, 2009



# PHASE II – PROJECT MAP



December 3, 2009



December 3, 2009



# PROJECT CHALLENGES

- INCREASE NUMBER OF FULL MOVEMENT ACCESS POINTS
- SHIFT THE ALIGNMENT OF THE ROADWAY
- ELIMINATION/REDUCTION OF MEDIANS
- ELIMINATION OF SIDEWALK ON THE WEST SIDE OF ROAD
- ADD ADDITIONAL TRAFFIC AND PEDESTRIAN SIGNALS
- IMPACTS TO COMMUNITY ENTRANCE FEATURES
- MAINTAIN/RE-ESTABLISH THE RURAL CHARACTER OF THE CORRIDOR
- IMPACTS AND REPLACEMENT OF EXISTING VEGETATION



# ADDING ADDITIONAL TRAFFIC SIGNALS

- ▶ PROJECT TEAM HAS EXTENSIVELY EVALUATED THE ENGINEERING FEASIBILITY AND MUTCD WARRANT CRITERIA FOR PROPOSING ADDITIONAL SIGNALS
- ▶ CITY REMAINS COMMITTED TO THE CURRENT SIGNALIZATION PLAN FOR THE CORRIDOR
- ▶ CITY WILL EVALUATE SIGNAL NEEDS ONCE THE PROJECT IS OPEN AND TRAFFIC PATTERNS HAVE ADJUSTED



# IMPACTS TO COMMUNITY ENTRANCE FEATURES

- ▶ CITY HAS HAD SIGNIFICANT INTERNAL DISCUSSIONS FOCUSED ON REDUCING IMPACTS WHERE POSSIBLE AND HANDLING UNAVOIDABLE IMPACTS
- ▶ CITY IS COMMITTED TO ADDRESS THE IMPACTS AS PART OF THIS PROJECT
- ▶ EITHER BY MONETARY COMPENSATION FOR IMPACTS AS PART OF THE REAL ESTATE SETTLEMENT FOR THE PROJECT, OR
- ▶ BY CONSTRUCTING IN-KIND REPLACEMENT OF IMPACTED VEGETATION AND PHYSICAL FEATURES SUCH AS IRRIGATION AND LIGHTING AS PART OF THE PROJECT



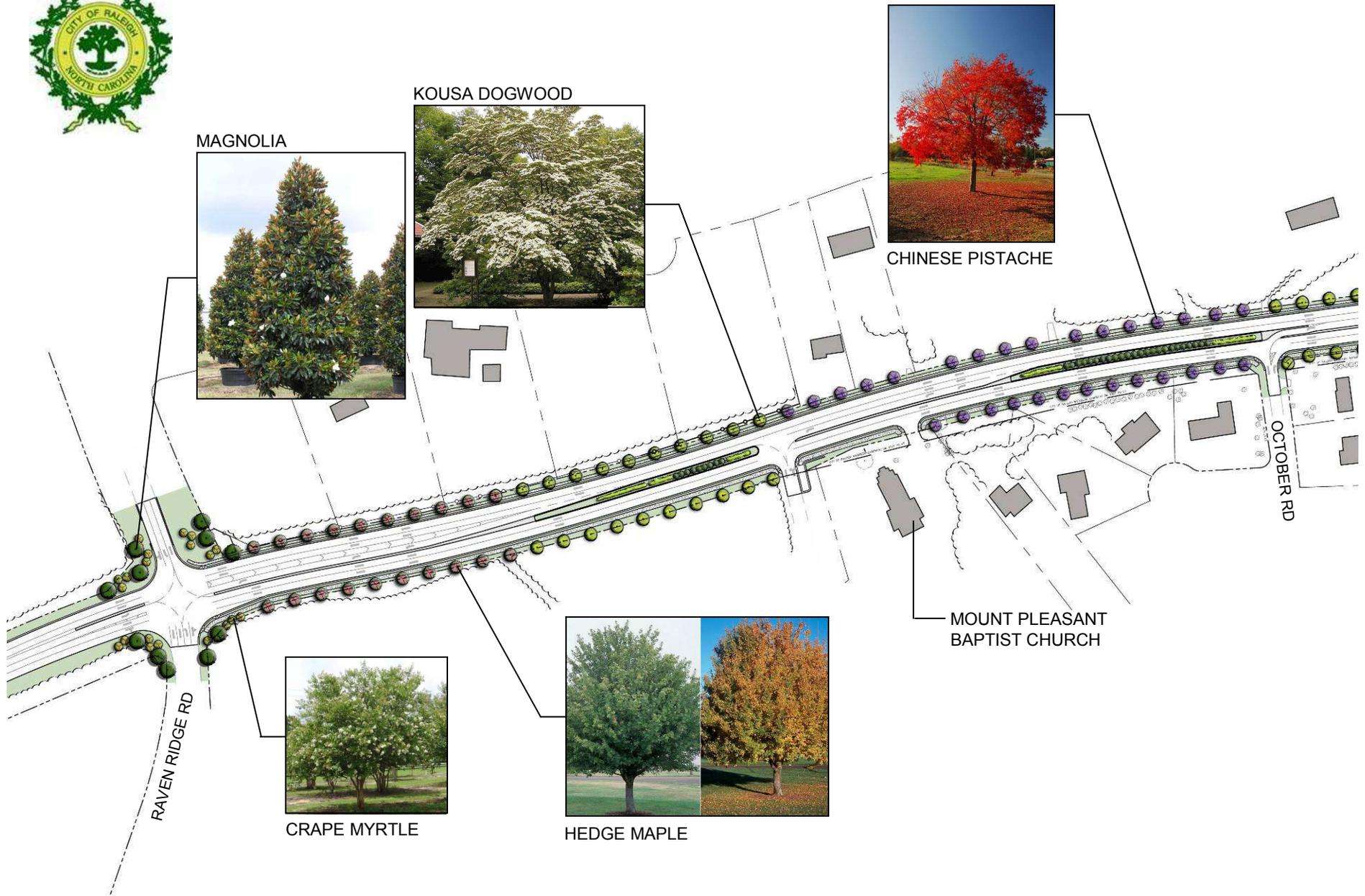
# **MAINTAIN THE RURAL CHARACTER OF THE CORRIDOR**

# **IMPACTS TO EXISTING VEGETATION**



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Overall | Falls of Neuse Road Streetscape Concept



MAGNOLIA



KOUSA DOGWOOD



CHINESE PISTACHE

MOUNT PLEASANT BAPTIST CHURCH



GRAPE MYRTLE



HEDGE MAPLE



HEDGE MAPLE



CHINESE PISTACHE



KOUSA DOGWOOD



SCARLET OAK

October Rd to Whittington Dr / Kings Grant Dr

Falls of Neuse Road Streetscape Concept

December 3, 2009



CAROLINA SILVERBELL



SCARLET OAK

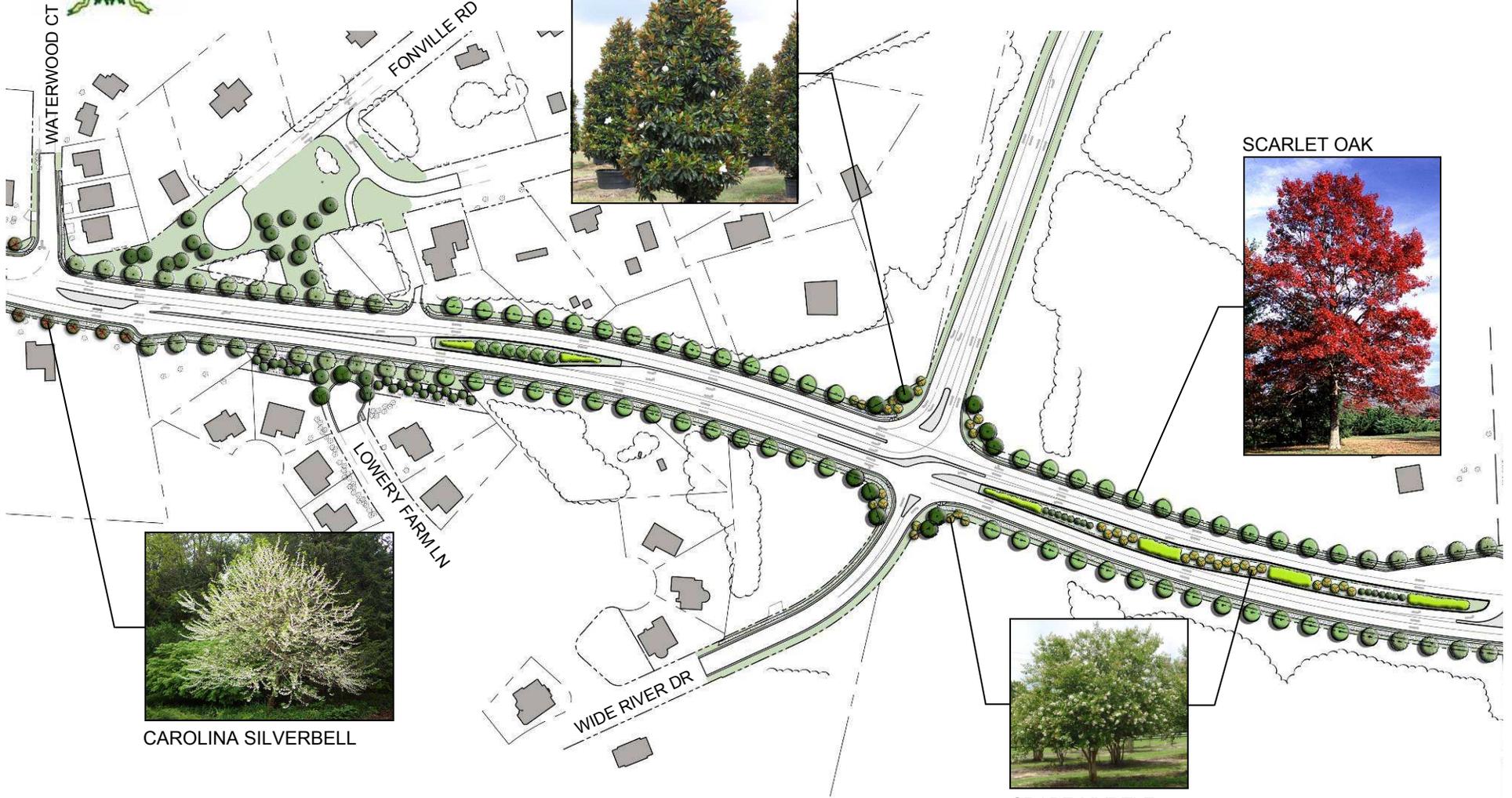
Kings Grant Dr / Whittington Dr to Falls Dam Rd

Falls of Neuse Road Streetscape Concept

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CAROLINA SILVERBELL



MAGNOLIA



SCARLET OAK



CAROLINA SILVERBELL

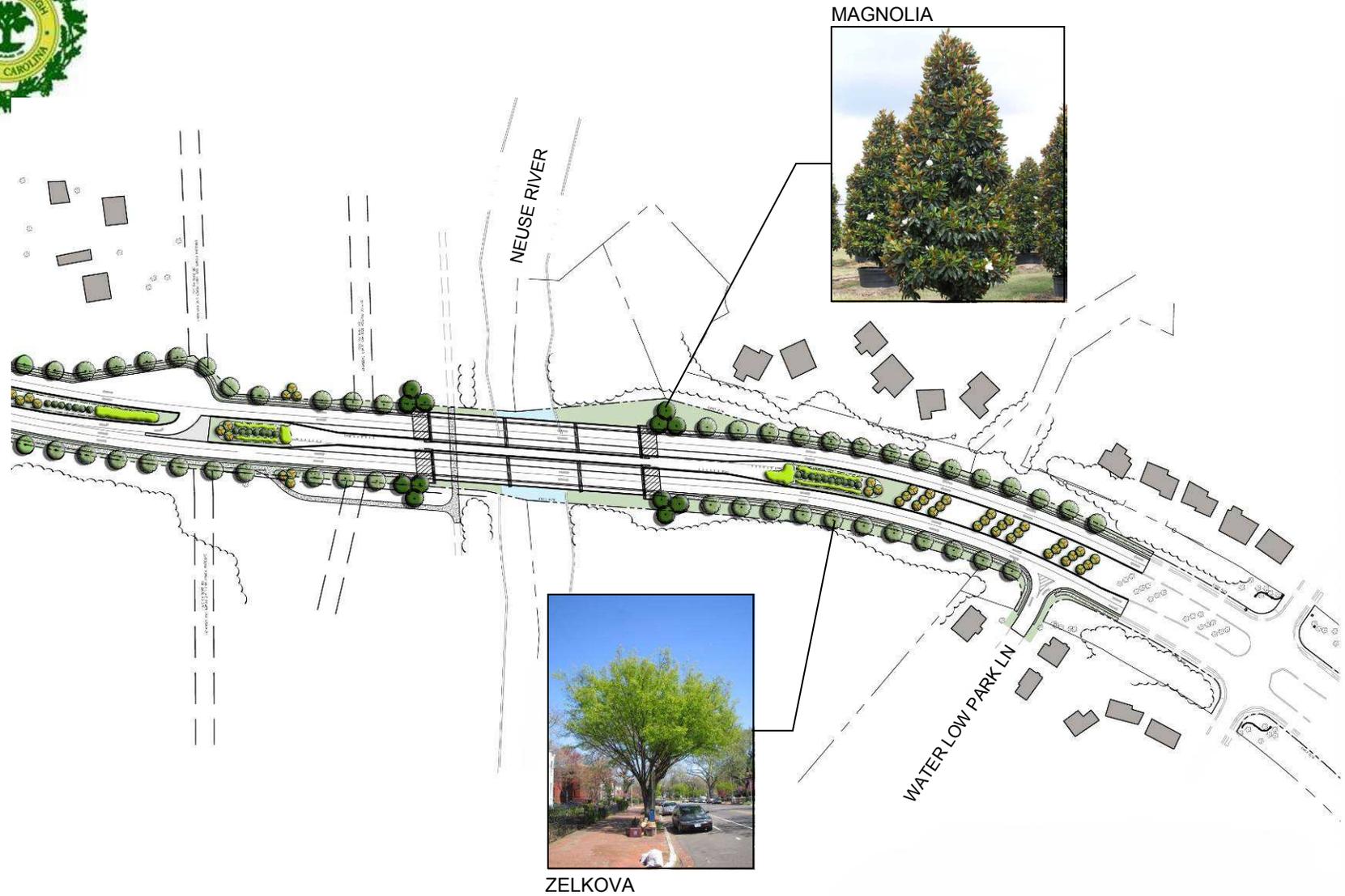


CRAPE MYRTLE

Waterwood Ct to Before Bridge

Falls of Neuse Road Streetscape Concept

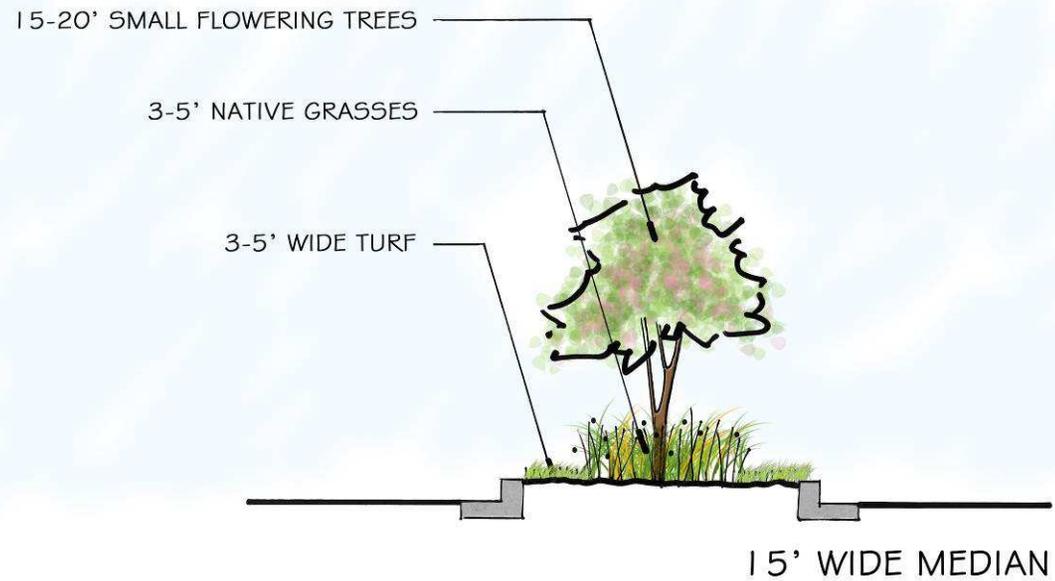
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Before Bridge to Water Low Park Ln

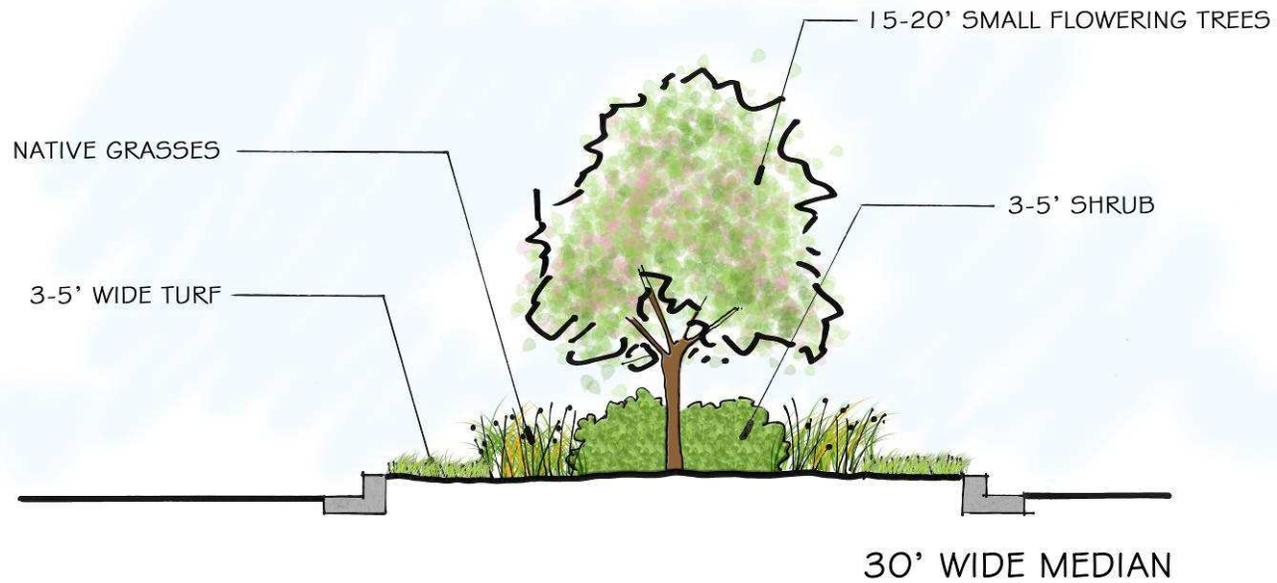
Falls of Neuse Road Streetscape Concept

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Proposed Median Plantings | Falls of Neuse Road Streetscape Concept

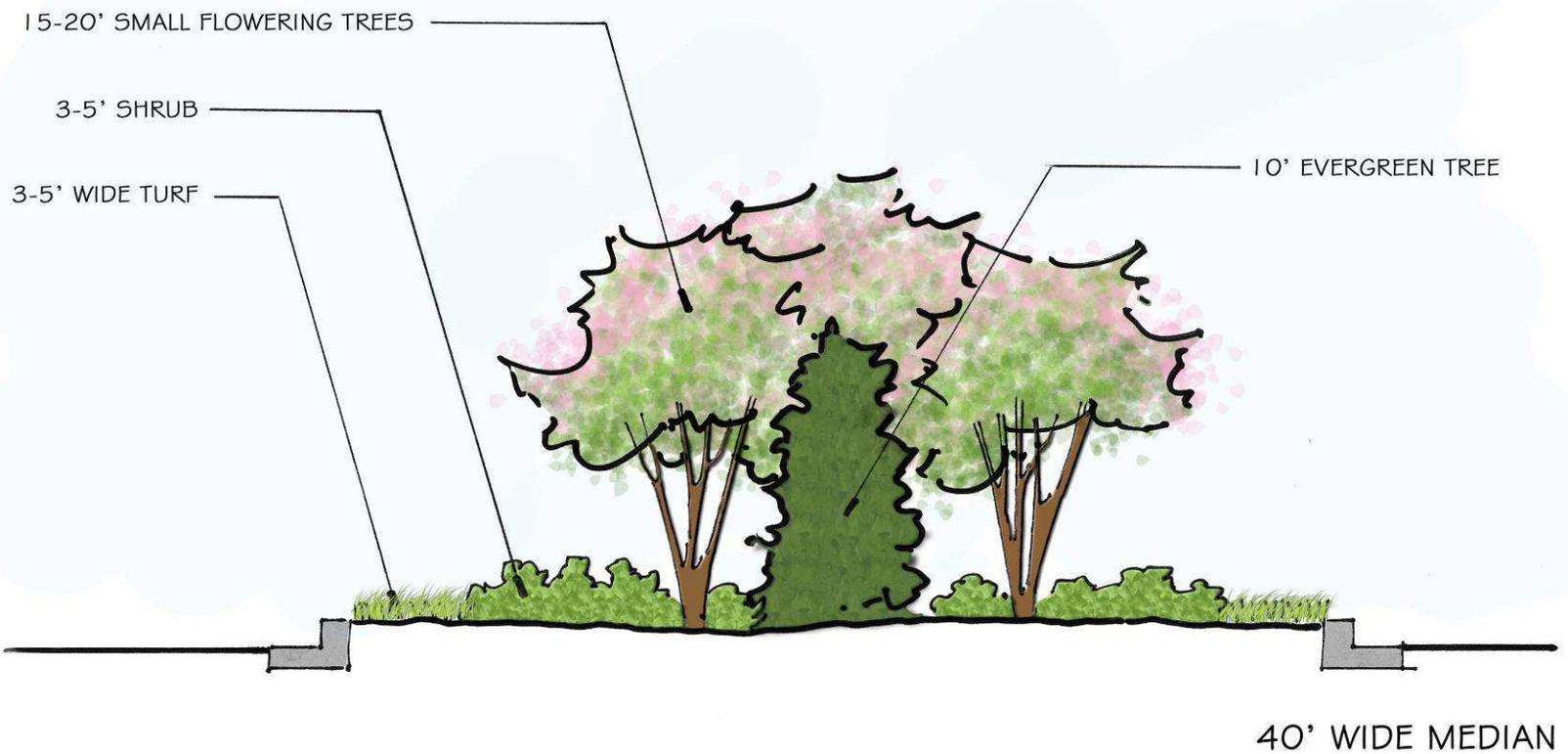
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Proposed Median Plantings

Falls of Neuse Road Streetscape Concept

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Proposed Median Plantings | Falls of Neuse Road Streetscape Concept

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**QUESTIONS?**

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