



Ephesus Church/Fordham Boulevard Renewal: Transportation Overview

**Council Business Meeting
February 10, 2014**



renewal



connections



choices



community

A Public Hearing for the possible rezoning of the area was held on January 22, 2014.



**Economic Development
Affordable Housing
Transportation
Stormwater**

Tonight's focus is transportation improvements.



Economic Development

Affordable Housing

Transportation

Stormwater

Implementation Team – Internal Town Staff

Manager's Office

- Roger Stancil, Town Manager
- Flo Miller, Deputy Town Manager
- Mary Jane Nirdlinger, Director of Policy and Strategic Initiatives
- Dwight Bassett, Economic Development Officer
- John Richardson, Sustainability Officer

Business Management Department

- Ken Pennoyer, Business Management Director

Planning Department

- JB Culpepper, Planning Director
- Loryn Clark, Interim Assistant Planning Director
- Gene Poveromo, Current Development Manager
- David Bonk, Long Range and Transportation Manager
- Eric Feld, Current Development Planner

Public Works Department

Engineering Division

- Jay Gibson, Town Engineer
- Mike Taylor, Engineer III

Traffic Engineering Division

- Kumar Neppalli, Traffic Engineer

Transit Department

- Brian Litchfield, Transit Director
- Mila Vega, Transit Service Planner

Transportation Team – Internal Town Staff

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- **Mike Taylor, Engineer III**

Traffic Engineering Division

- **Kumar Neppalli, Traffic Engineer**

Transit Department

- **Brian Litchfield, Transit Director**
- **Mila Vega, Transit Service Planner**

Implementation Team – External

Code Studio

- Lee Einsweiler, Principal

Kimley-Horn and Associates, Inc.

- Earl Lewellyn, Transportation
- Amy Massey, Transportation
- Todd St. John, Stormwater

Bond Counsel

- Bob Jessup, Sanford Holshouser, LLP

Financial Advisor

- Ted Cole, Davenport and Company, LLC

North Carolina Department of Transportation

- Division 7
- Congestion Management

Transportation Team – External

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North Carolina Department of Transportation

- Division 7
- Congestion Management

Agenda for Presentation

1 Overview

Presenter: David Bonk, Long Range and Transportation Manager

2 Background

3 Transportation
Overview

4 Next Steps

Overview

Background

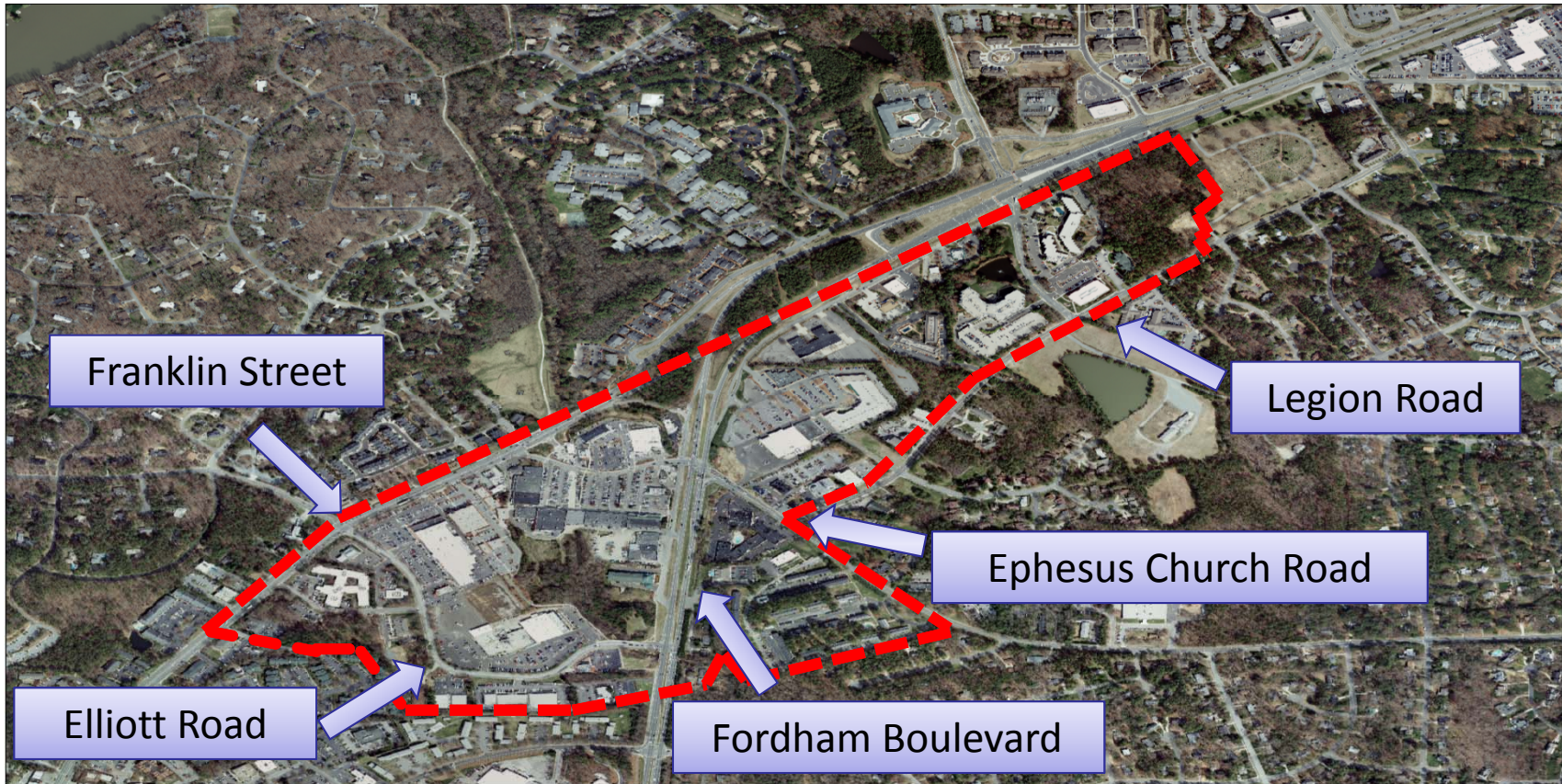
Transportation
Overview

Next steps

Tonight, we are providing an overview of the transportation considerations in the Ephesus Church/Fordham Boulevard area.



Ephesus Church/Fordham Boulevard Planning Area Boundaries



Upcoming Meetings

1	2	3
Public Information Meeting	Council Work Session	Council Business Meeting
February 20	March 3	March 24
4:30-6:30pm	6:00pm	7:00pm
Public Library	Public Library	Southern Human Services Center

Agenda for Presentation

1 Overview

2 **Background**

Presenter: David Bonk, Long Range and Transportation Manager

3 Transportation
Overview

4 Next Steps

Overview

Background

Transportation
Overview

Next steps

Town Council adopted the Ephesus Church/ Fordham Boulevard Small Area Plan in June of 2011.



Overview

Background

Transportation
Overview

Next steps

The area will contain multiple transportation components.



Bicycle Amenities



Pedestrian Amenities



Cars



Transit

Overview

Background

Transportation
Overview

Next steps

Intersection Analysis



Bicycle and Pedestrian Connections

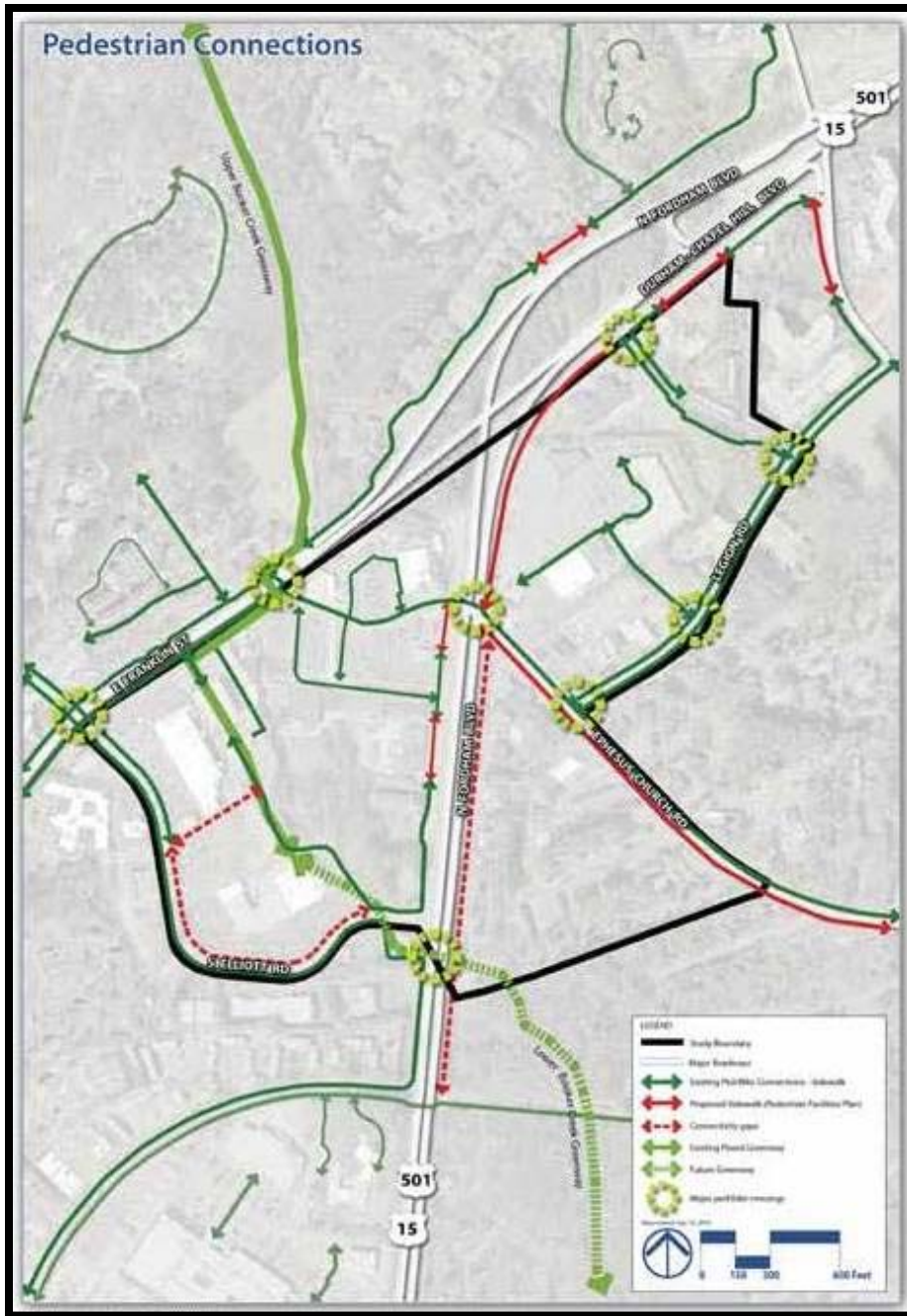


Image from the Ephesus Church/Fordham Boulevard Small Area Plan

Overview

Background

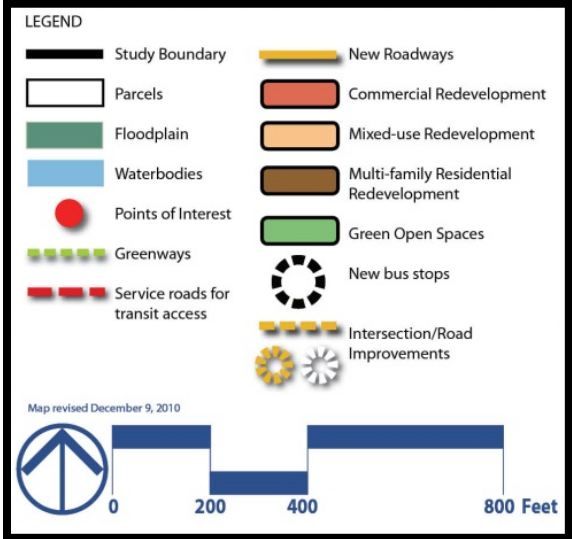
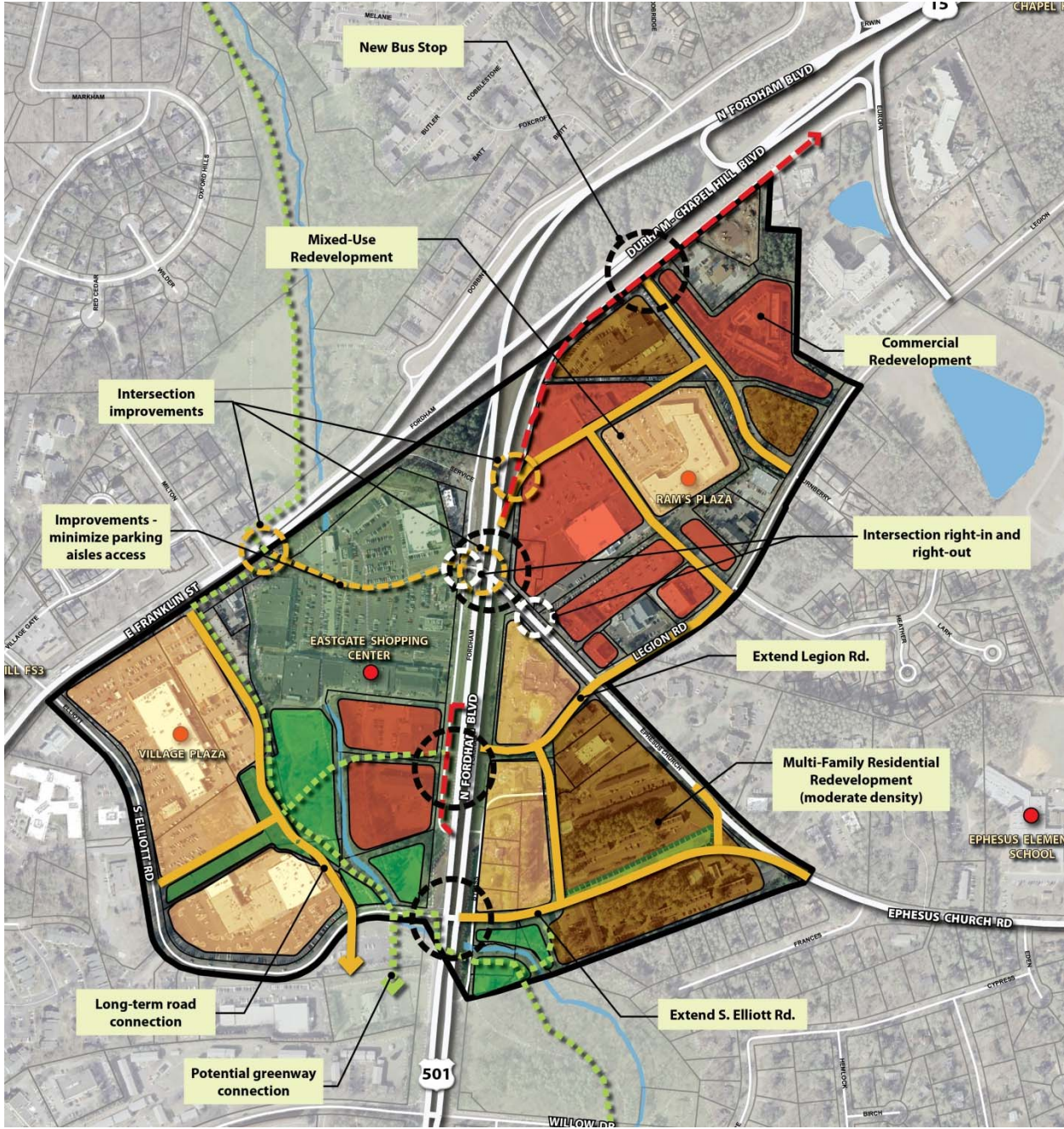
Transportation
Overview

Next steps

Follow-up began in 2011.



Proposed Framework Plan



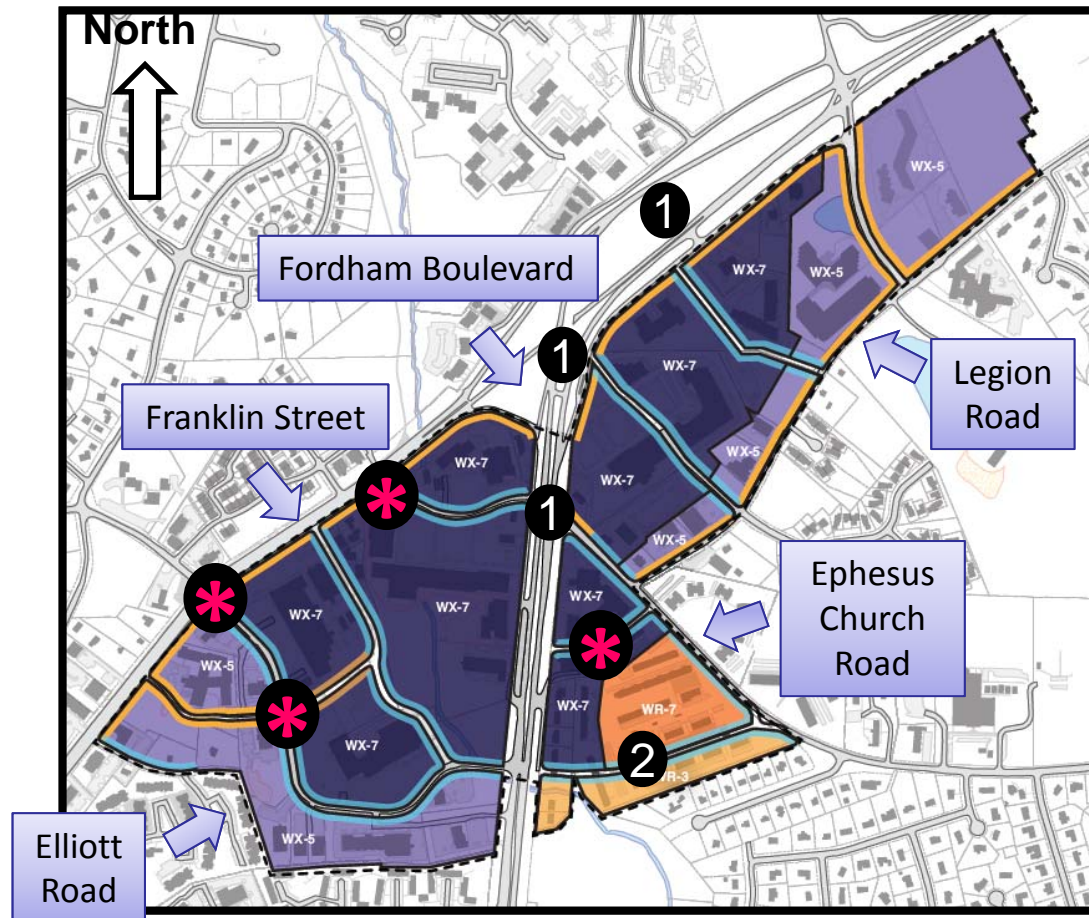
Overview

Background

Transportation
Overview

Next steps

\$8.8 Million in transportation improvements are expected to take place over multiple phases.



Agenda for Presentation

1 Overview

2 Background

3 **Transportation
Overview**

4 Next Steps

Presenters:

- *Earl Lewellyn, Transportation, Kimley-Horn and Associates, Inc.*
- *David Bonk, Long Range and Transportation Manager*

Transportation Overview

Roadway Improvements

Presenter: Earl Lewellyn, Transportation, Kimley-Horn and Associates, Inc.

Overview

Background

**Transportation
Overview**

Next steps

Transportation Goals in the Ephesus Church/Fordham Boulevard Small Area Plan

- Address current transportation deficiencies
- Address impacts of proposed redevelopment
- Improve access to facilitate redevelopment

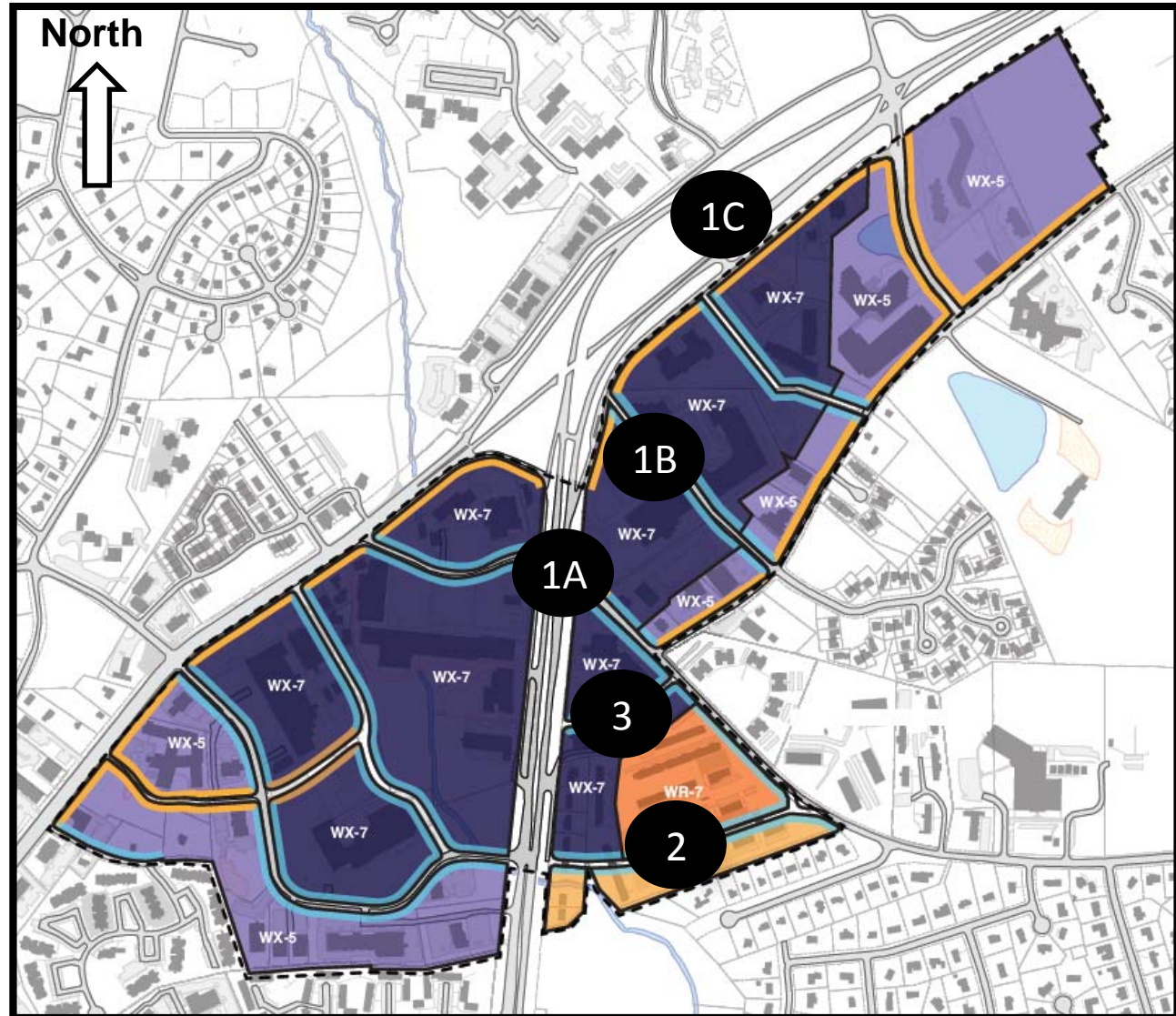
Overview

Background

Transportation
Overview

Next steps

Proposed Transportation Framework Plan



Overview

Background

Transportation
Overview

Next steps

Proposed Transportation Framework Plan



Overview

Background

Transportation
Overview

Next steps

Areas Receiving Proposed Improvements

- 1A** Intersection of Ephesus Church & Fordham Boulevard
- 1B** Fordham Boulevard at Rams Plaza
- 1C** Fordham Boulevard at Superstreet Intersection
- 2** Elliott Road Extension
- 3** Legion Road Extension

1A

Intersection of Ephesus Church & Fordham Boulevard



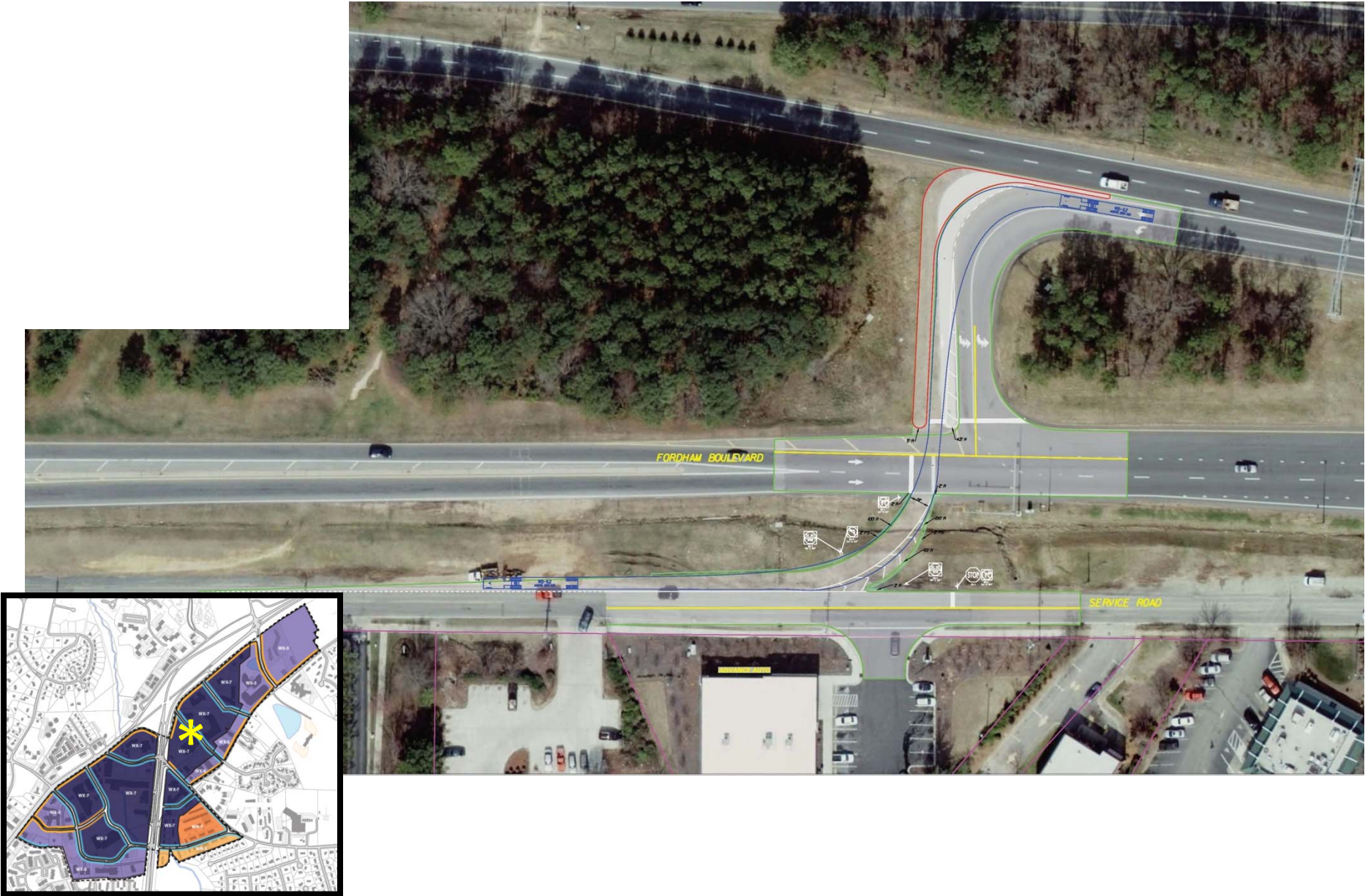
1B

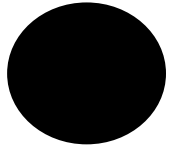
Fordham Boulevard at Rams Plaza



1C

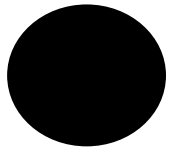
Fordham Boulevard at Superstreet Intersection





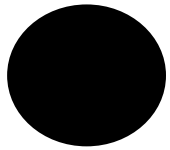
East-Bound Fordham Boulevard





East-Bound Fordham Boulevard





East-Bound Fordham Boulevard



MATCH TO FIGURE 1

MATCH TO FIGURE 3

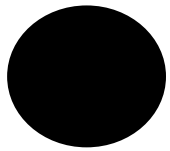


Kimley-Horn
and Associates, Inc.
101 Lenoir Street
Raleigh, NC 27601
Phone: 919.733.2100 Fax: 919.733.2000

FORDHAM BLVD. FUTURE LANEAGE
CONCEPTUAL LAYOUT EXHIBIT 2

DATE: 2014-2-19





East-Bound Fordham Boulevard

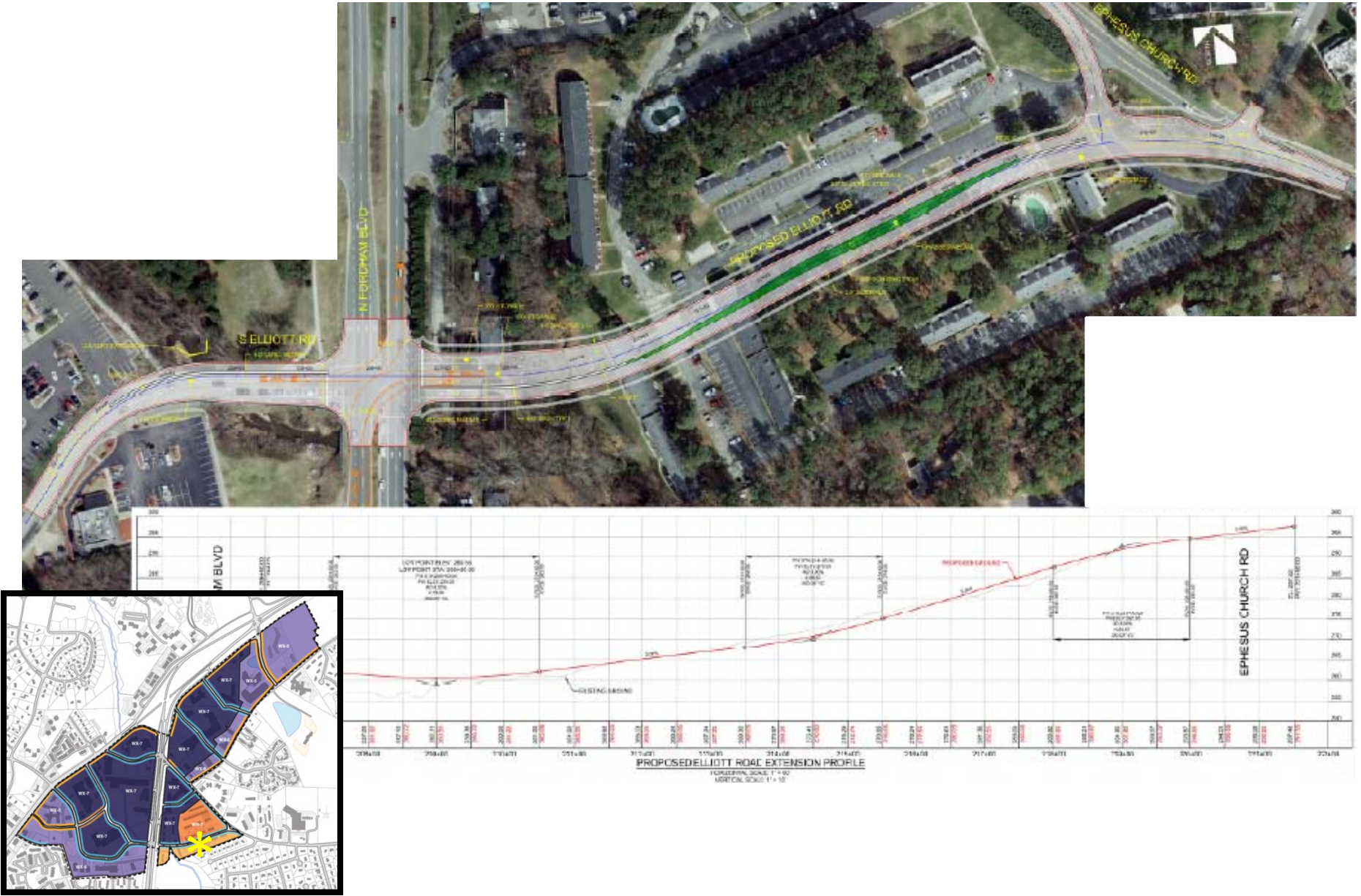


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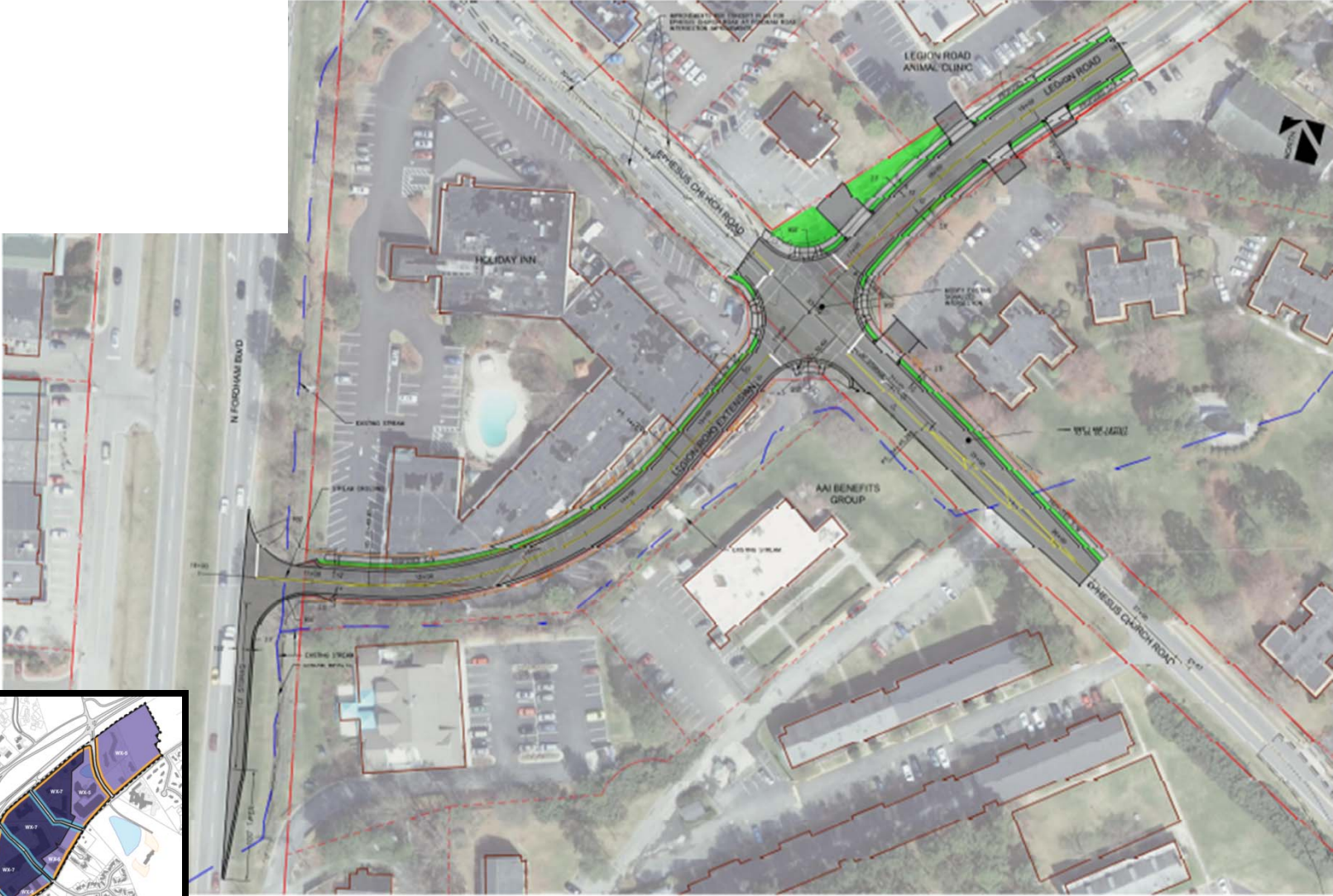
2

Elliott Road Extension



3

Legion Road Extension

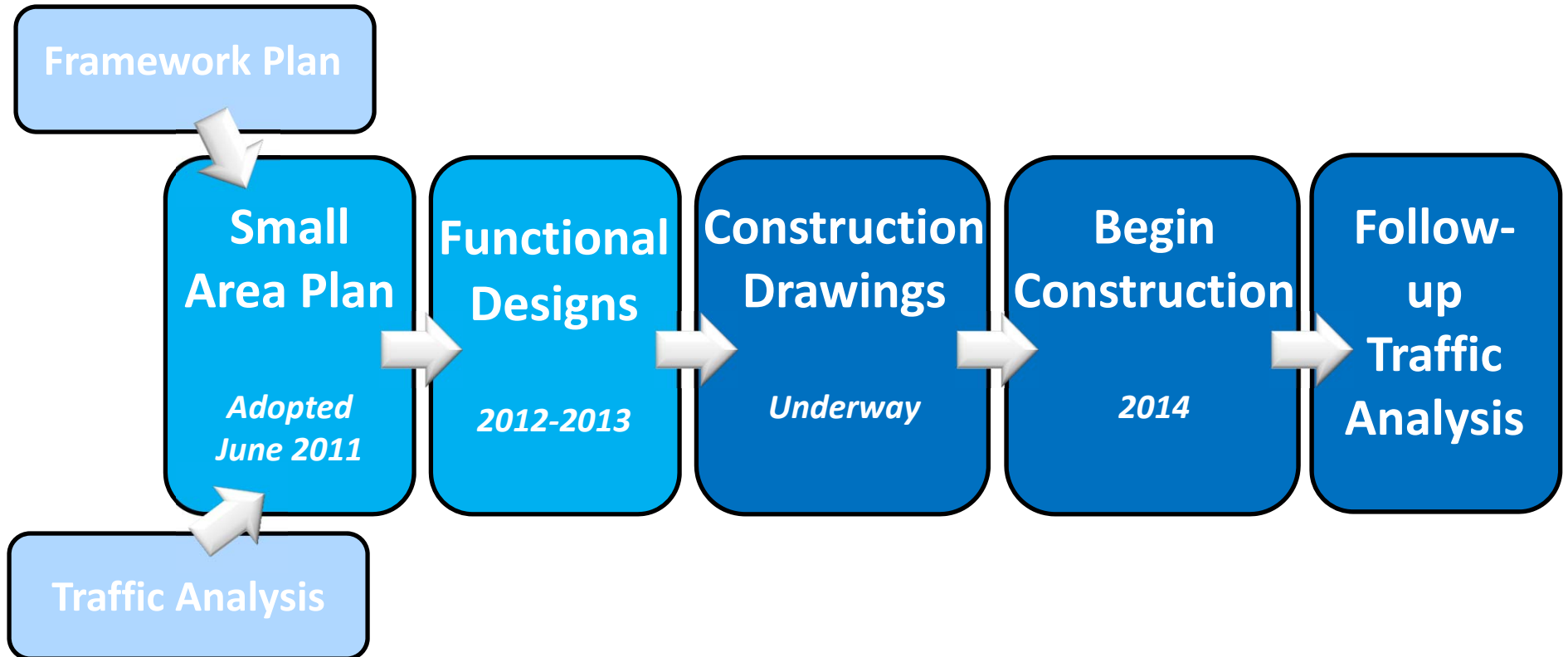


Transportation Overview

Where do we go from here? Next Steps.

Presenter: Earl Lewellyn, Transportation, Kimley-Horn and Associates, Inc.

Implementation of the Small Area Plan: Transportation



Transportation Overview

Transportation Components

Presenter: David Bonk, Long Range and Transportation Manager

Overview

Background

**Transportation
Overview**

Next steps

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Bicycle Amenities



Pedestrian Amenities



Cars



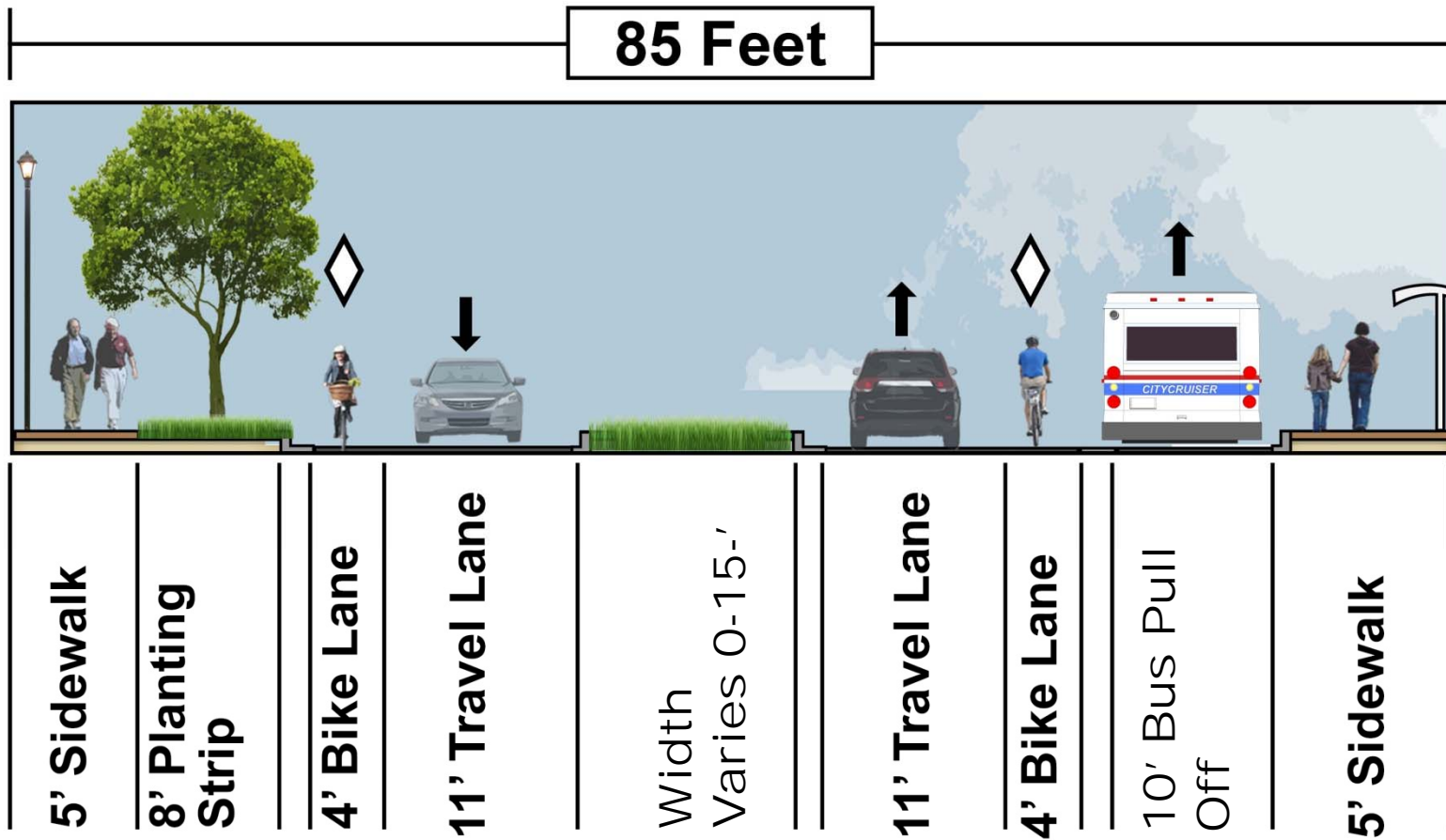
Transit

Transit Routes

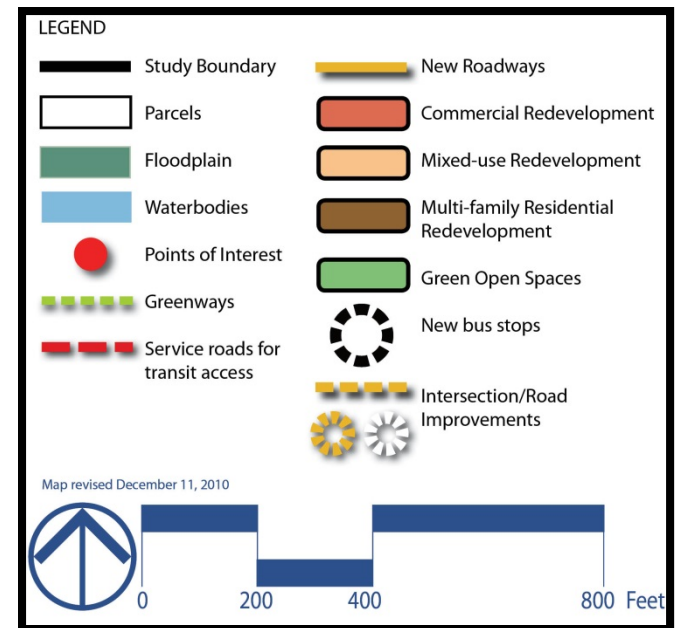


Elliott Road Extension – Cross Section – 85 Feet

85 Foot Proposed Right-of-Way
Design Speed = 40 MPH



Detailed Framework Plan



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Presenter: David Bonk, Long Range and Transportation Manager

Ephesus Church/Fordham Boulevard Planning Phases - 2014

February	March/April	May	June
Transportation Overview Council Meeting 2/10	Council Work Session 3/3	Adopt Municipal Service District Council Meeting 5/31	Budget Municipal Service District Council Meeting 6/30
Public Information Meeting 2/20	Zoning code decision Council Meeting 3/24	Issue Bonds 5/31	Award bids for road work 6/30
Presentation of stormwater district requirements By 2/28	Stormwater district regulations Council Meeting 3/31	Release bids for road work 5/31	
Draft of stormwater district requirements	Finance and budget decision Council Meeting 3/31		

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