

City of Manassas Department of Public Works

Virtual Presentation for Public Information and Comments
Sudley Road Third Lane Project (City Project T-015)
May 18, 2021

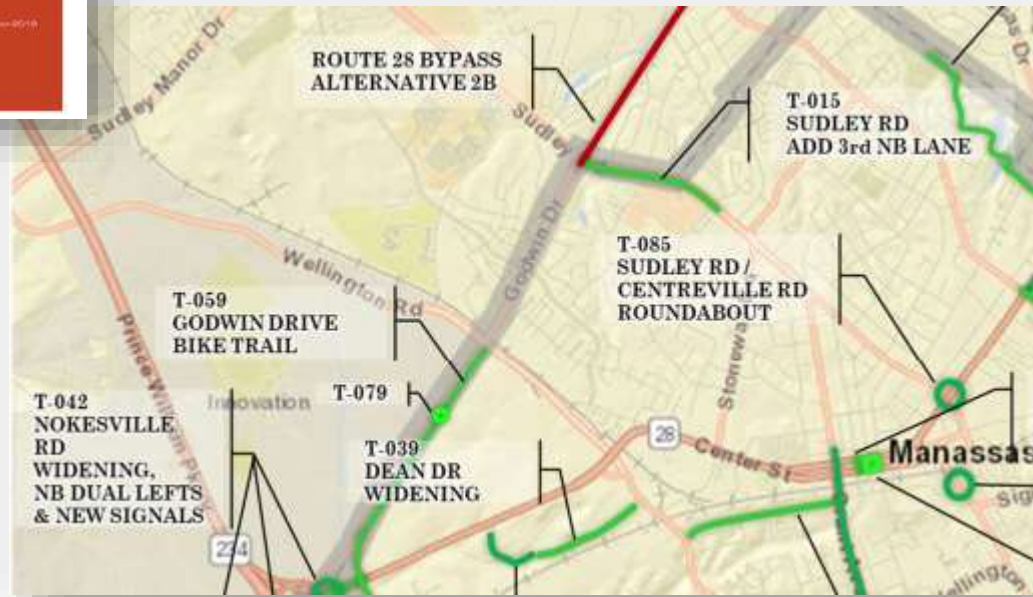
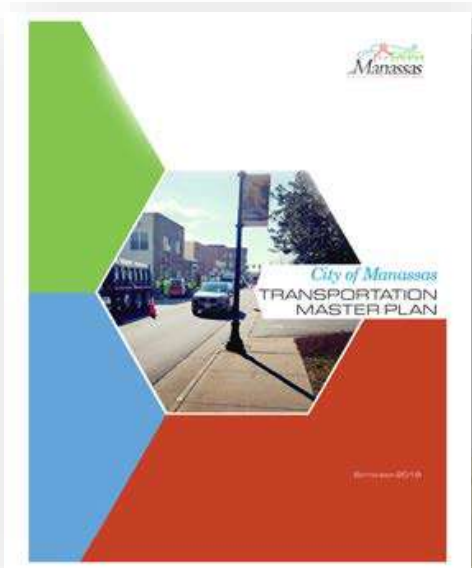


Project Goals



- Reduce Traffic Congestion
- Tie-Into 3-Lane Section of Sudley Road in Prince William County
- Provide New Pedestrian Route on North Side of Road
- Build Connection to Future Rt. 28 Bypass at Godwin Drive

Project History & Development



- Initially Introduced in 2000
- Engineering Design Began in 2017
- Incorporated into the first COM Transportation Master Plan in 2019

Project History & Development

T-015 Sudley Road Third Lane

Year Introduced: 2000
 Change: Timeline
 Associated Proj: N/A
 Program Area: Transportation
 Managing Dept: Engineering
 Manager: B. Foster
 Plan Conformance: Comprehensive Plan 6.3
 Est. Start: 7/1/2017
 Est. Complete: 12/30/2022



Description:

Install a northbound third lane on Sudley Road with curb, gutter, sidewalk, and drainage from Grant Avenue to Godwin Drive. The new lane and sidewalk will tie to the existing third lane and sidewalk in Prince William County past Godwin Drive and improve traffic flow and pedestrian access.

Status: Design

Estimated Construction Start: Fall 2021

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	6,960	-	-	-	-	-	-	6,960
Total Cost	6,960	-	-	-	-	-	-	6,960


*From City of Manassas 2021 Transportation Capital Improvement Program

**RSTP = Regional Surface Transportation Program, Allocated by Northern Virginia Transportation Authority

- SmartScale Funding in 2017
- Additional Funding through RSTP**

Project Funding

- Total Budget: \$8.43M



Virginia Department of Transportation

Six-Year Improvement Program

Home

User's Guide

About

All Projects

Major Projects

MPO

Fund

Reports

Line Item Details

Project Summary

UPC

109293

Project

#HB2 FY17 SUDLEY ROAD NB WIDENING

Scope of Work

Reconstruction w/ Added Capacity

Description

FROM: GRANT AVENUE TO: GODWIN DRIVE

Report Note

Balance to be addressed at CN award. Locally Administered

Fund Source

Project Location

District

Northern Virginia

Jurisdiction

Manassas

Road System

Urban

Length

1.1500 MI

Route

0234

Street

SUDLEY ROAD

MPO Area

Northern Virginia

Estimates & Schedule

Estimated Cost (Thousands)

Schedule

Prelim. Eng. (PE)

\$800

Underway

Right of Way (RW)

\$1,500

FY2022

Construction (CN)

\$6,130

FY2023

Total Estimate

\$8,430

Required Allocations

Fund Sources

Previous Allocations

FY2022

FY2023

FY2024

FY2025

FY2026

FY2027

Required After FY2027

Values in Thousands of Dollars

District Grant Program: State

\$7,400

\$0

\$0

\$0

\$0

\$0

\$0

Specialized State and Federal: MPO RSTP

\$1,030

\$0

\$0

\$0

\$0

\$0

Total Funding

\$8,430

\$0

\$0

\$0

\$0

\$0

\$0

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VDOT Six-Year Improvement Program v1.0

*From VDOT Six-Year Improvement Plan

**RSTP = Regional Surface Transportation Program, Allocated by Northern Virginia Transportation Authority



Project Description

Project Description

This project proposes to utilize a combination of physical widening and the repurposing of existing right turn lanes along northbound Sudley Road to provide a third through lane between Grant Avenue and Godwin Drive. This new third lane will connect directly to the third lane already in place just north of Godwin Drive in Prince William County.

This project also includes the installation of curb, gutter and sidewalk to provide a continuous pedestrian walkway within the project corridor. In addition, the intersections of Sudley Road and Grant Avenue, Sudley Road and Stonewall Road, Sudley Road and Rolling Road and Sudley Road and Godwin Drive will also be improved to provide new and safer signal-controlled crosswalks at each of these intersections.



Project Purpose, Budget & Timeline

Project Purpose:

Congestion Reduction– Project will improve the capacity of northbound Sudley Road to accommodate vehicular traffic needs

Pedestrian Mobility– Project will provide continuous sidewalk within the project corridor

Pedestrian Safety – Project will add new signalized pedestrian crossings at several intersections within the project corridor

Funding:

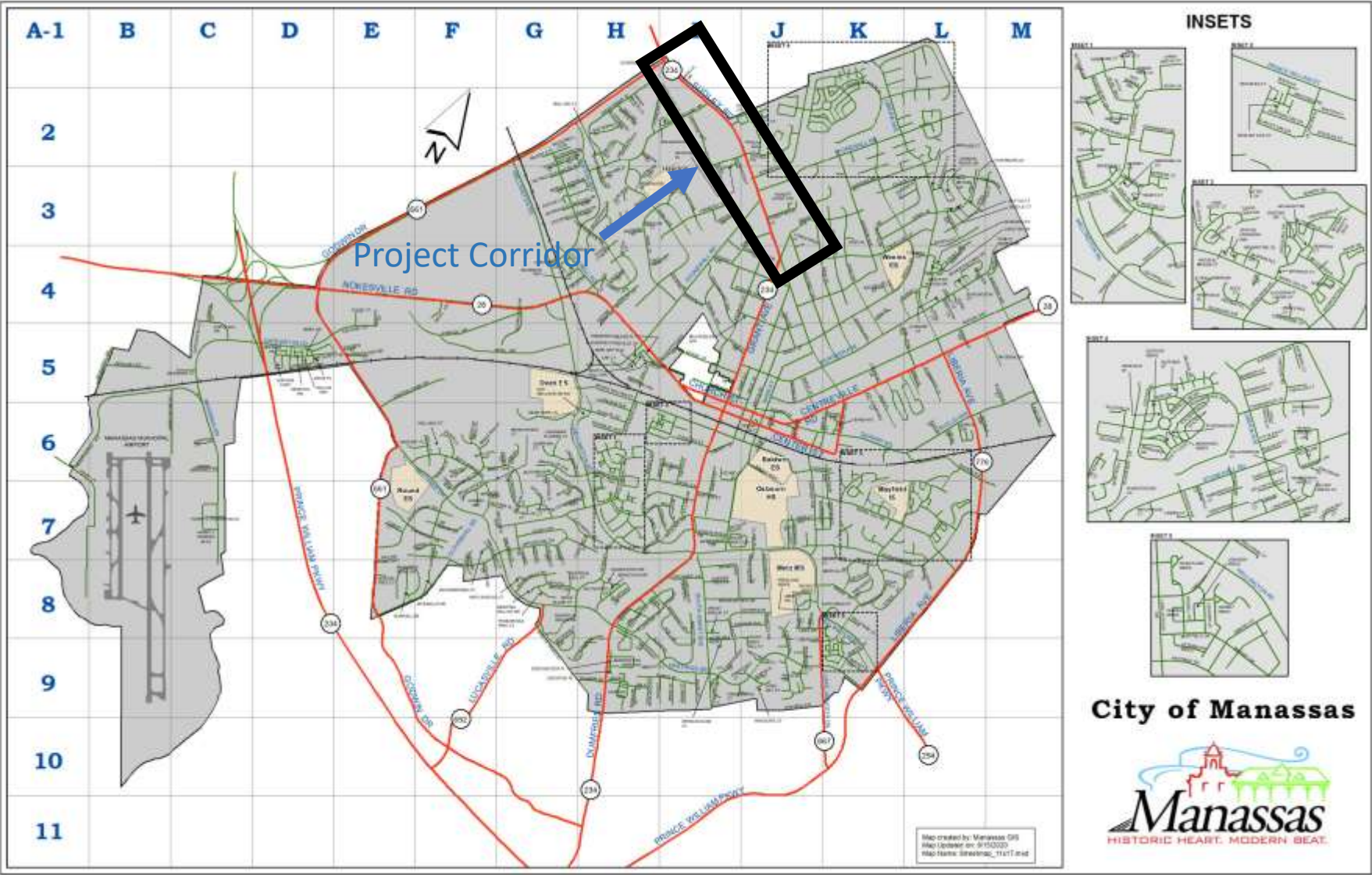
Commonwealth of Virginia SMARTScale Funding:	\$7.0 Million
Additional NVTAFunding (non-CIP)	<u>\$1.0 Million</u> (Prince William County
Total	\$8.0 Million

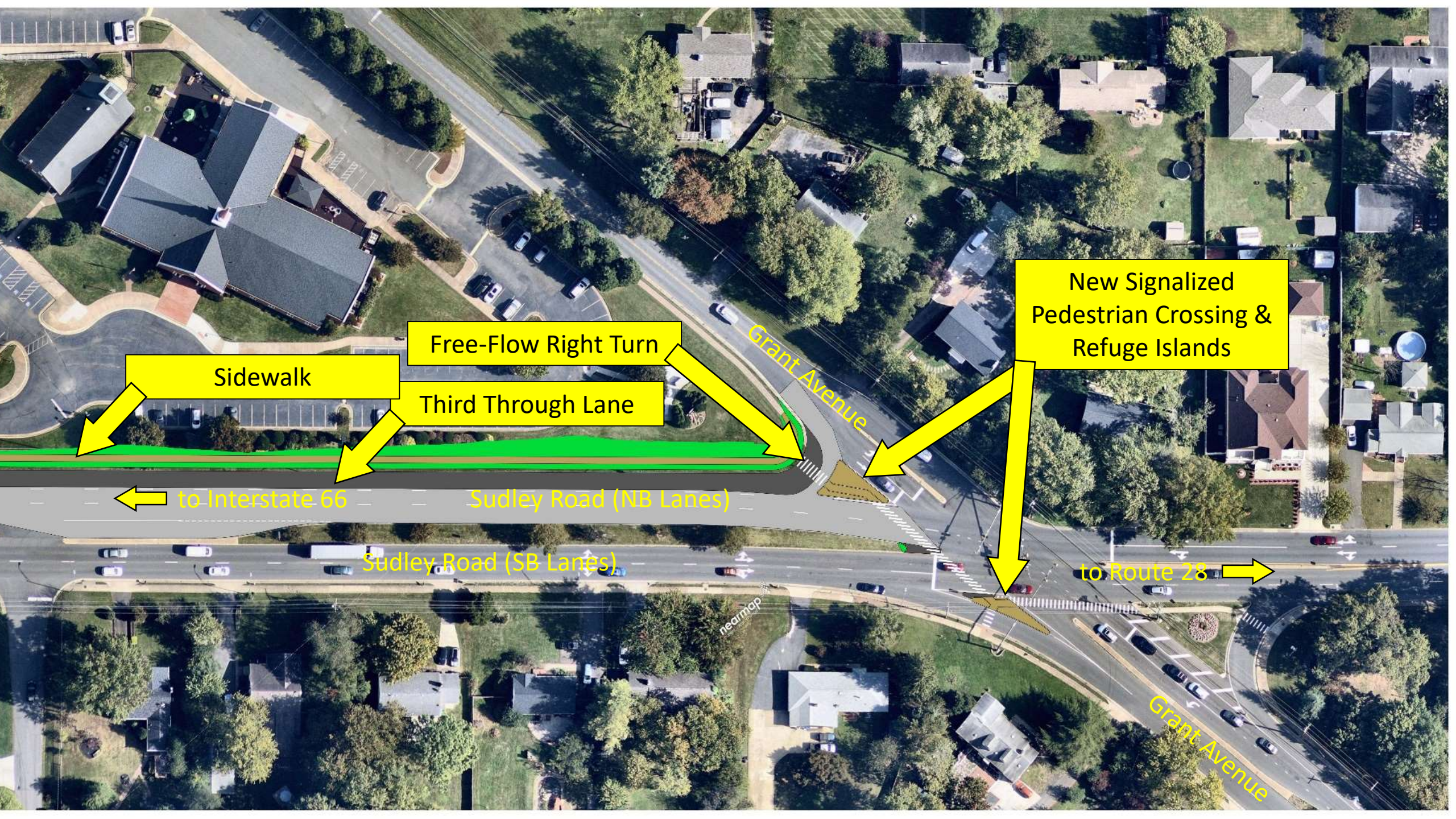
Timeline (to date):

January 2019:	Design contract awarded
June 2019:	30% plans completed
January 2020:	60% plans completed
October 2020:	90% plans completed



Project Location





Sidewalk

Free-Flow Right Turn

Third Through Lane

New Signalized
Pedestrian Crossing &
Refuge Islands

to Interstate 66

Sudley Road (NB Lanes)

Sudley Road (SB Lanes)

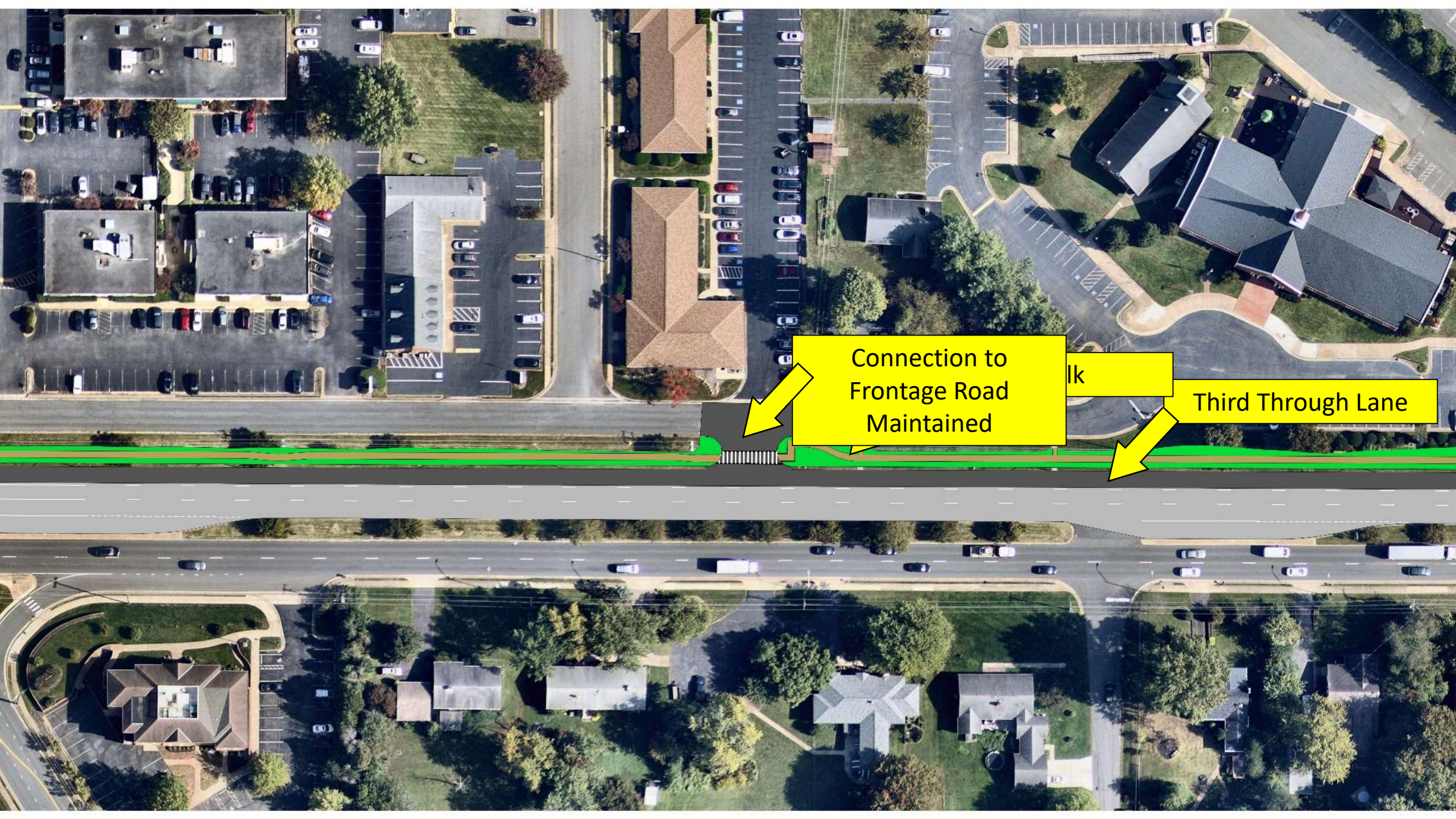
to Route 28

Grant Avenue

nearmap

Existing Conditions

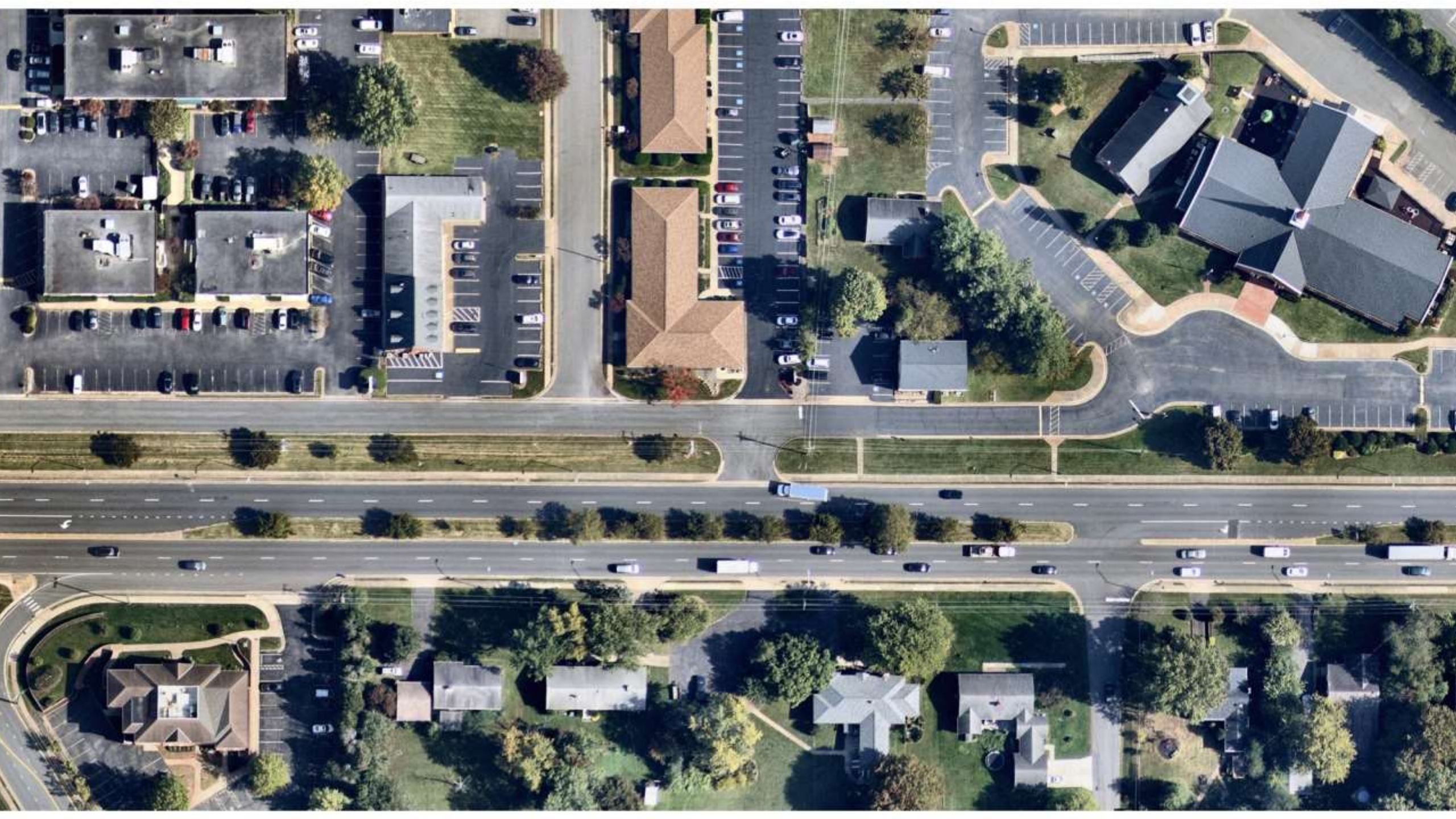


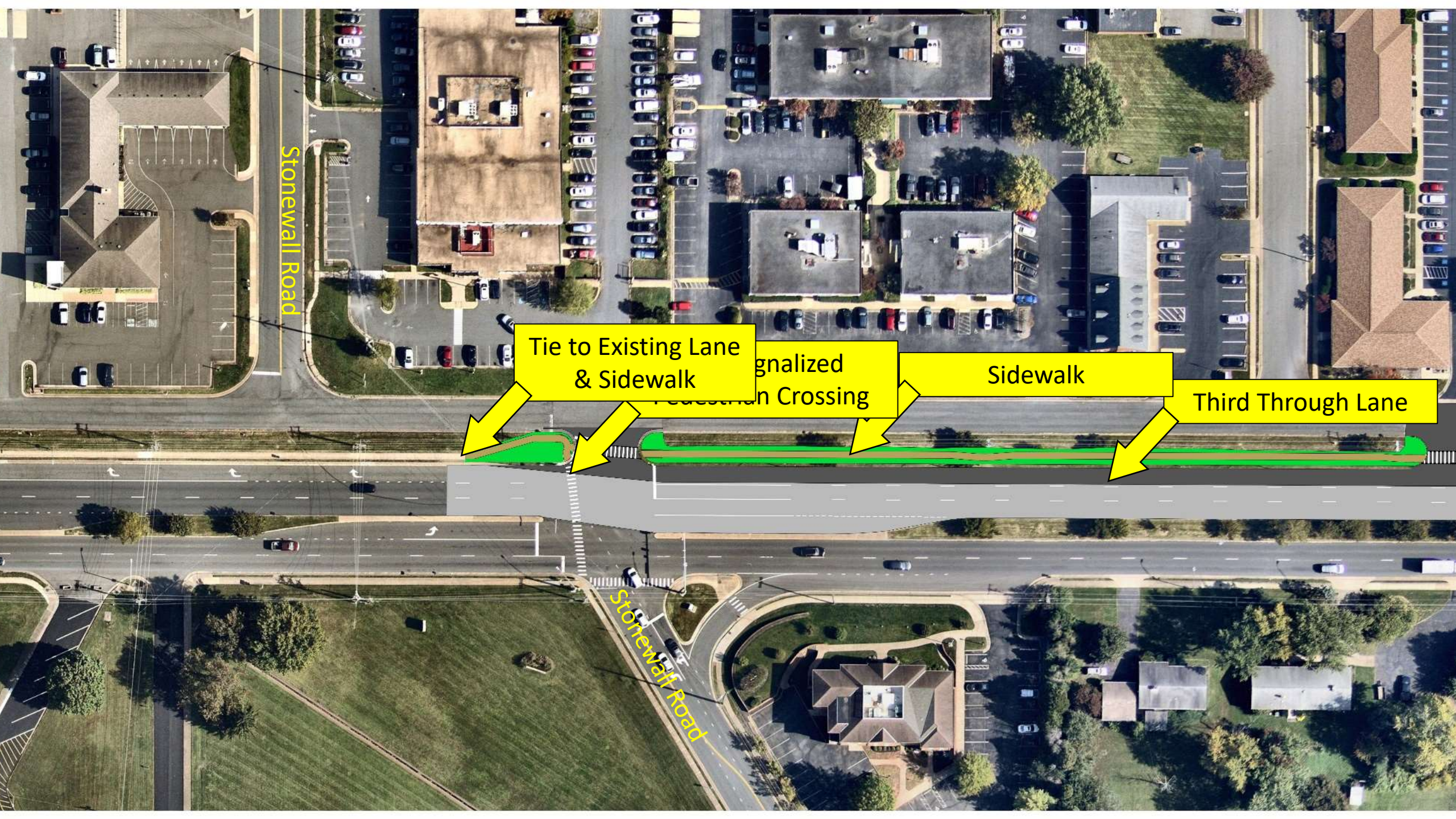


Connection to
Frontage Road
Maintained

Walk

Third Through Lane





Stonewall Road

Tie to Existing Lane
& Sidewalk

Signalized
Pedestrian Crossing

Sidewalk

Third Through Lane

Stonewall Road

Plantation Lane

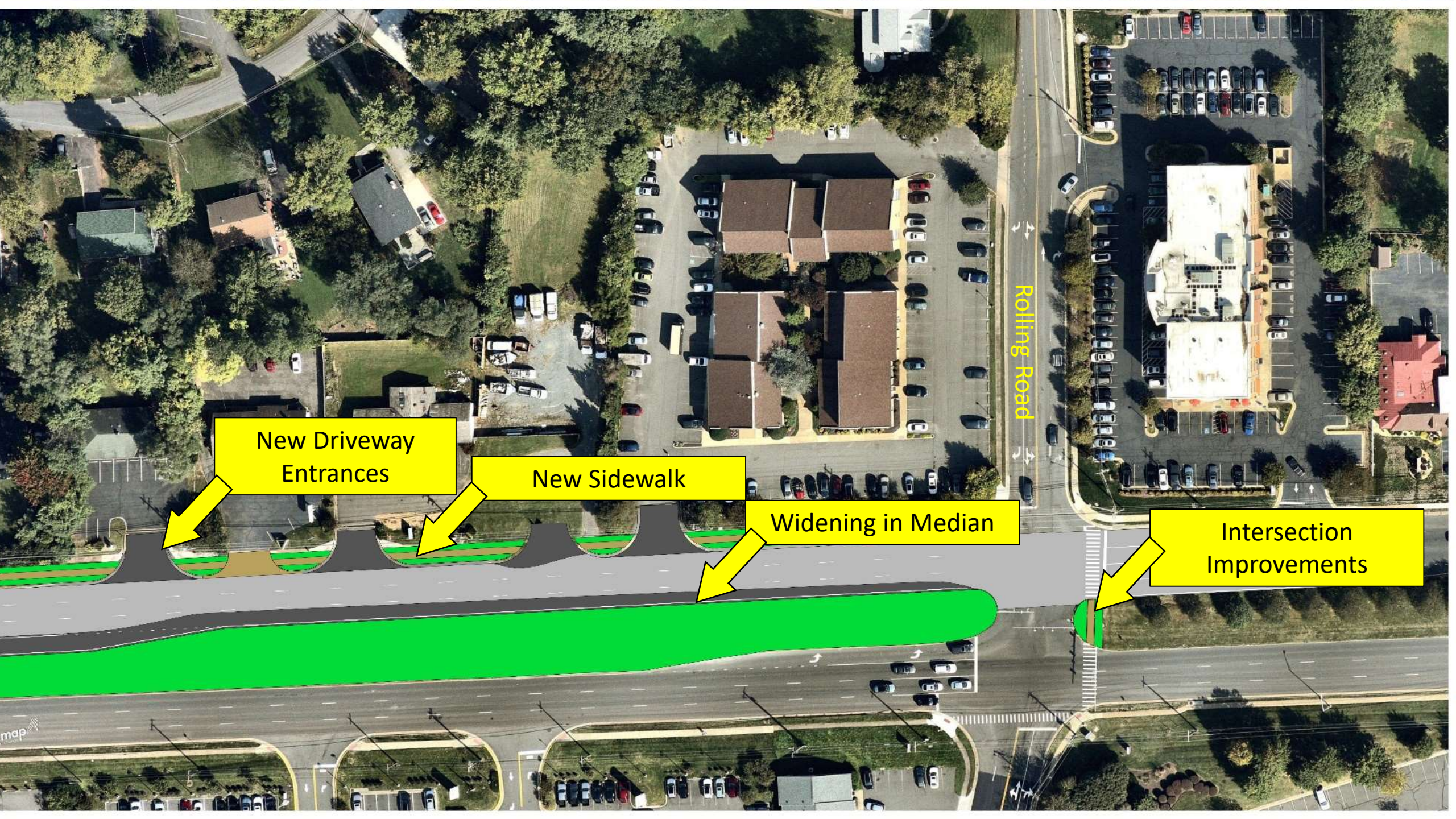
Prince William
Hospital Entrance

Rolling Road



Digges Road





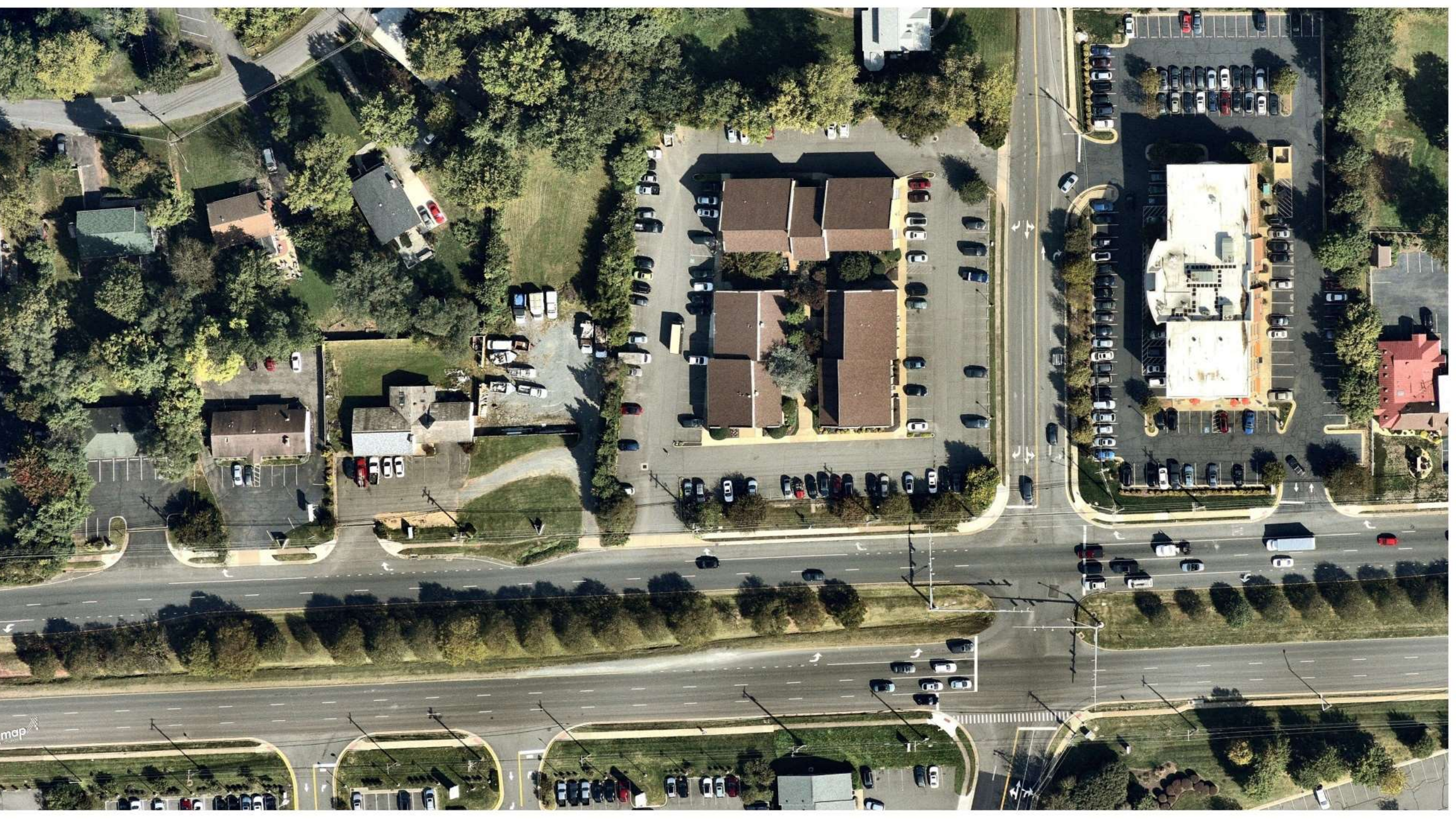
New Driveway
Entrances

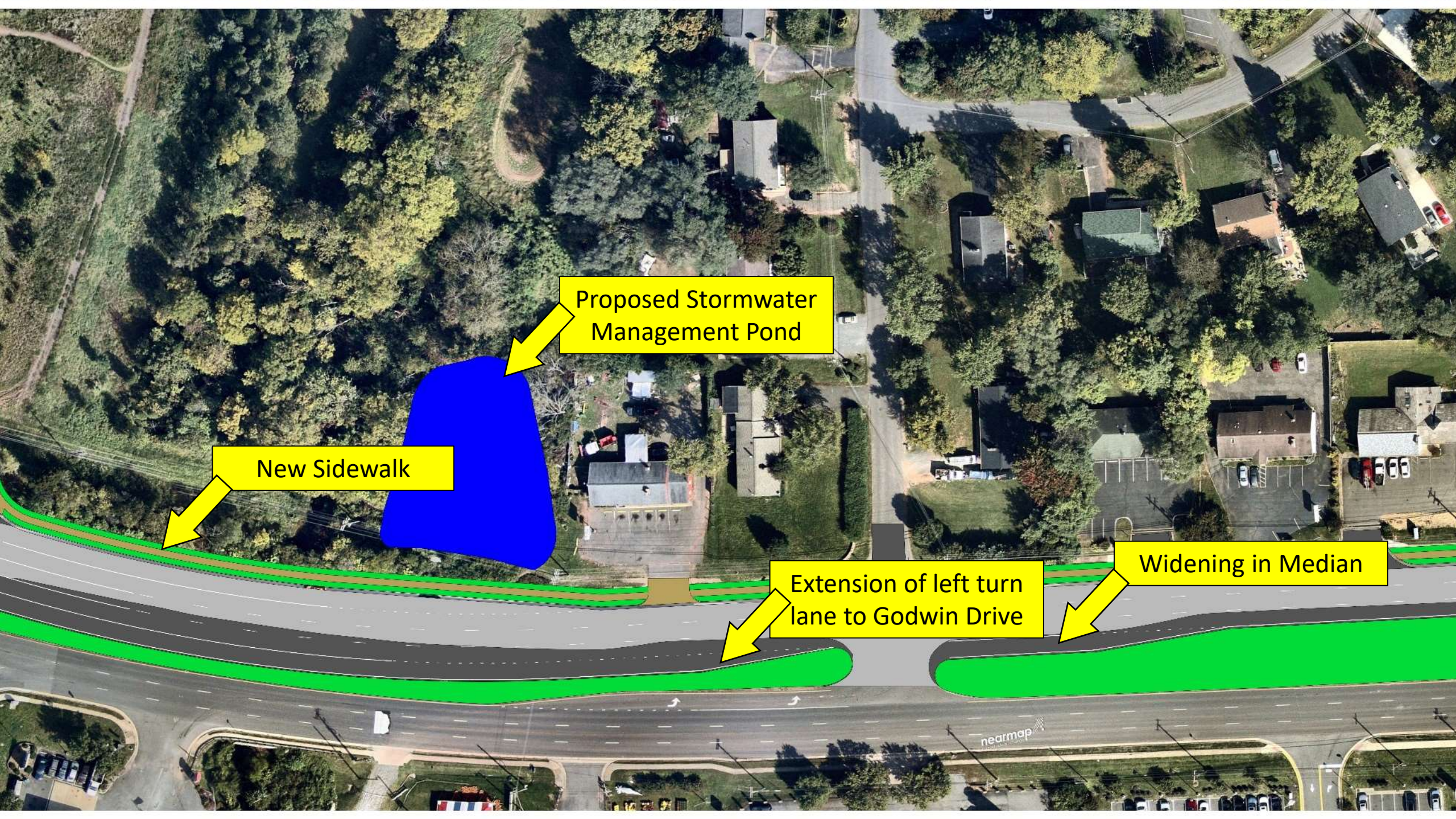
New Sidewalk

Widening in Median

Intersection
Improvements

Rolling Road



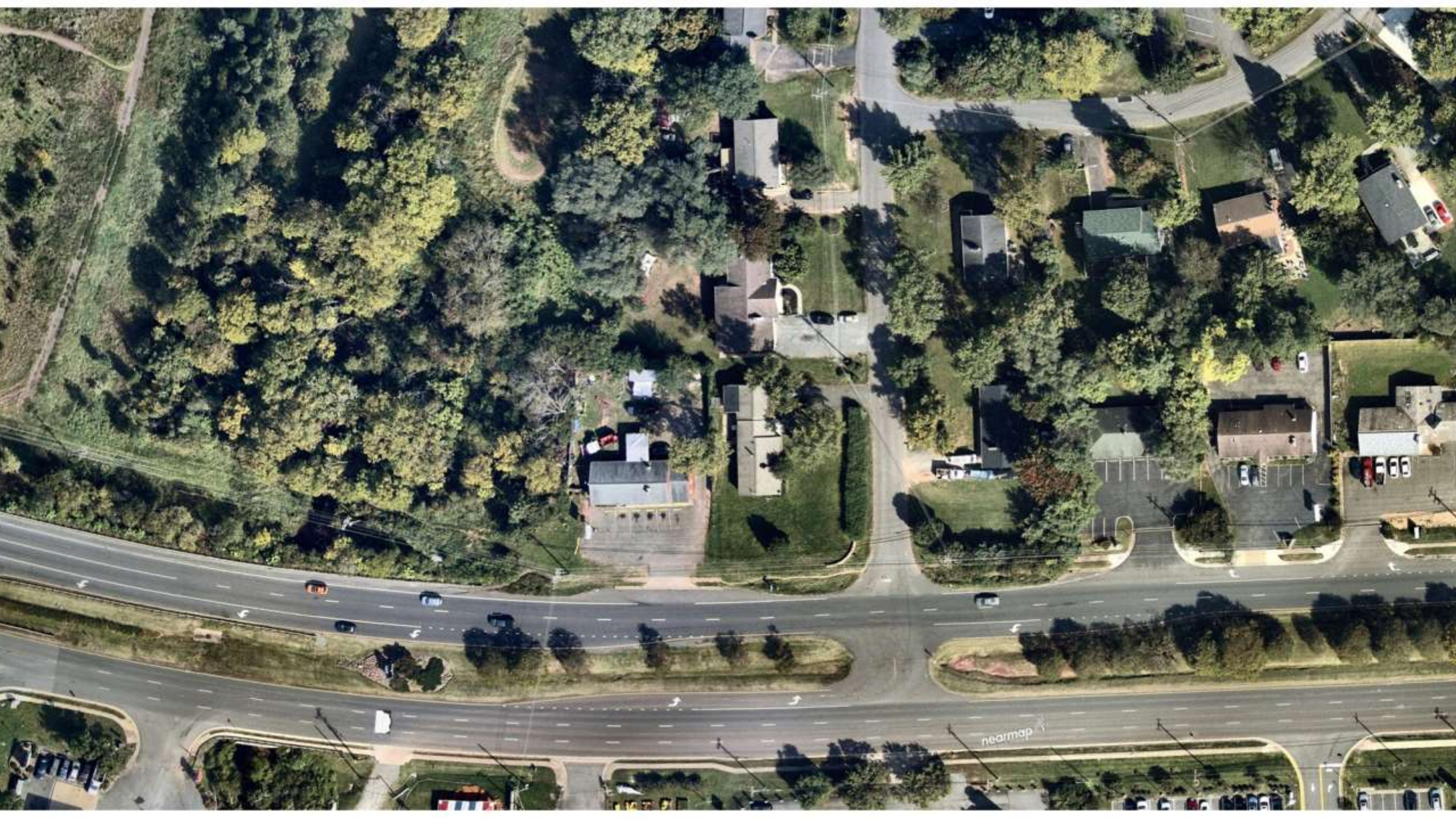


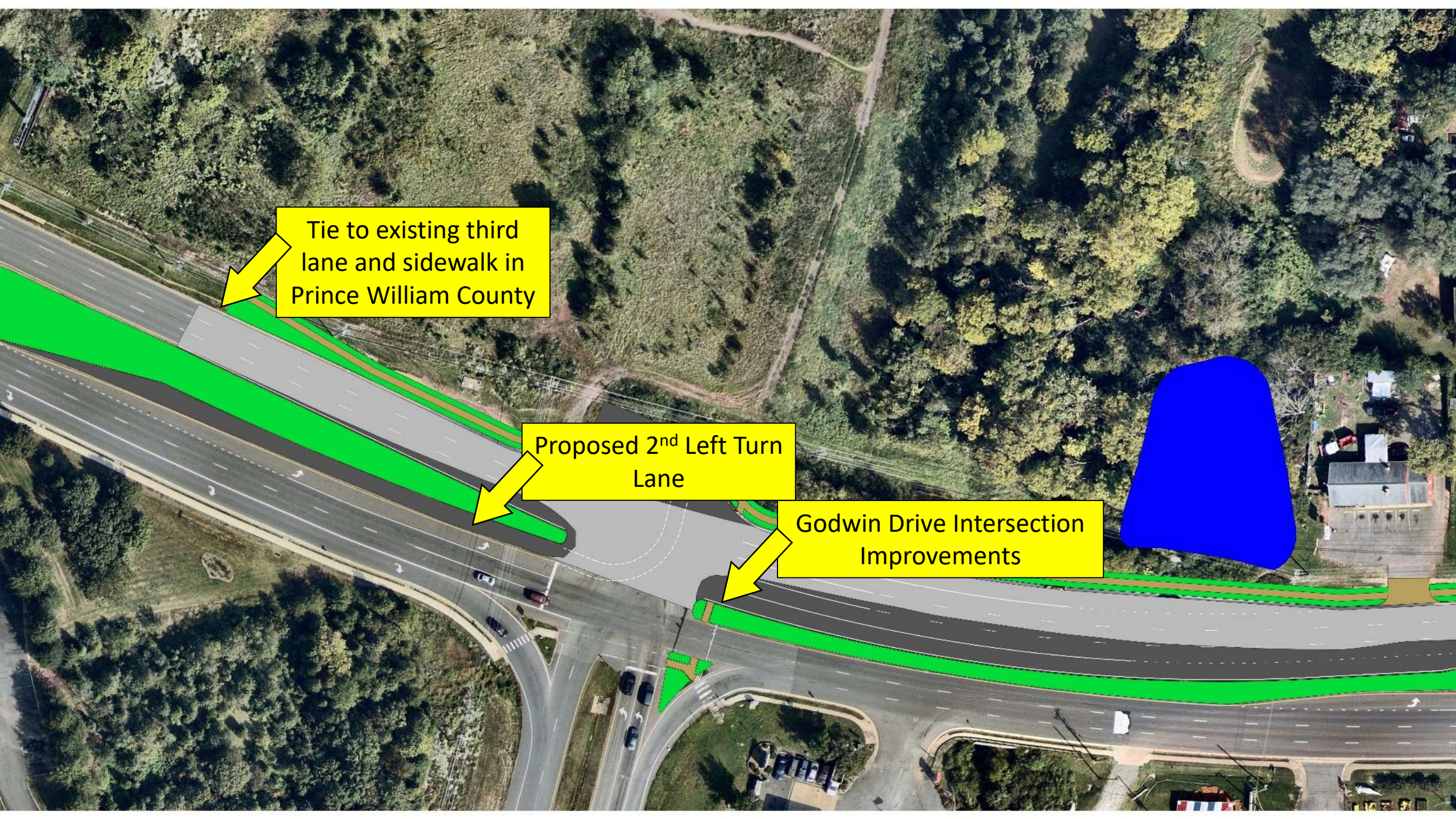
Proposed Stormwater
Management Pond

New Sidewalk

Extension of left turn
lane to Godwin Drive

Widening in Median





Tie to existing third
lane and sidewalk in
Prince William County

Proposed 2nd Left Turn
Lane

Godwin Drive Intersection
Improvements

Project Schedule

Anticipated Milestone Dates:

July 2021:	100% plans complete
June 2022:	Land acquisition complete
November 2022:	Utility relocations complete
December 2022:	Advertise for construction
June 2023:	Road construction commences
July 2024:	Road construction complete



Questions, Comments, Concerns?



Questions and Comments are Welcome

Please contact the following individuals:

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**Questions and Comments will be accepted
through June 1, 2021.**



National Environmental Policy Act (NEPA)

Sudley Road Qualifies for a Categorical Exclusion (CE)

October 2019:	Draft Noise Study Completed
February 2020:	Wetlands and Waters of the U.S. Survey Completed
March 2020:	Draft Cultural Resource Survey Completed
March 2020:	Draft Air Quality Analysis Completed
April 2020:	Joint Permit Application for Wetland Impacts Submitted to Army Corps of Engineers
June 2020:	Draft Hazardous Materials Evaluation Completed
June 2020:	Draft Threatened and Endangered Species Evaluation Completed
August 2020:	Wetland Impacts Permit Issued

