Who we are

- City Engineer
- 3 Senior Engineers
- 1 Engineering Technician
- 2 Site Inspectors
- Mid-level Engineer - vacant
- Stormwater Program Administrator
- Environmental Technician
2021 Overview

- **more than 1,000** Site Inspections in 2021
- **more than 100** Engineering Plan Reviews in 2021, Public & Private
- **19** Active CIP Projects, Management & Design

-Manassas
TORIC HEART. MODERN BEAT.
Before

- One travel lane in each direction with pocket turn lanes
- Roundabout at Byrd Dr. & Bartow St.
- Bus Shelters –Multiple locations
- Pedestrian facilities on both sides of roadway
- On-street and off-street bike facilities on east side
- Raised Landscape Median and Landscaped Buffers
- New Flashing Signal Pedestrian crossings
- Decorative streetlights
- Utility Improvements

Manassas
HISTORIC HEART. MODERN BEAT.
Grant Avenue Phase I Construction

Status
• Design complete
• Easements in negotiation
• Utility relocation started
• Construction anticipated Fall 2022
Dean Drive Extended (T-030)

- Provides Opportunity for Economic Development
- Extends Dean drive from existing cul-de-sac to the animal shelter
- Adds bike lane and curb-n-gutter
- Improves Drainage at Intersection of Dean Drive and Foster Drive
- Pedestrian Connectivity
- Water Transmission Replacement & Electric Undergrounding

Manassas
HISTORIC HEART. MODERN BEAT.
Dean Drive Extended (T-030)

- Electric Undergrounding and Utility Relocation Underway
- Construction Contract Awarded
- Anticipated Construction Notice to Proceed in March 2021
Sudley Road Third Lane (T-015)

**Goals**

- Establish 3\textsuperscript{rd} NB thru-lane from Grant Ave. to Godwin Dr.
- Construct continuous sidewalk and pedestrian safety improvements at intersections
  - New Crosswalks
  - Pedestrian Push-Buttons
  - Median Refuge Islands

**Status**

- Engineering ~ 95% Complete
- Awaiting authorization to acquire Right-of-Way from VDOT & FHWA
- Currently Coordinating Required Utility Relocations
- Construction estimated to begin Spring 2023
Centreville Rd./Liberia Ave. Intersection Improvements (T-074)

**Goals**
- Improve pedestrian safety at intersection
  - New Curb Ramps & Crosswalks
  - Pedestrian Signal Push-Buttons
  - Median Refuge Islands
  - Re-Striping Intersection

**Status**
- Engineering Complete
- Pending Acquisition of one Temporary Construction Easement
- Verifying Project Estimate and available funding
- Anticipated construction Spring 2023
Wellington Road Shared-Use Path (T-088)

Goals
• Complete 0.35-mile connection in trail system between Prince William St. and Nokesville Rd.
• Pedestrian & bike access across railroad tracks to Jennie Dean Elementary, Dean Park, Micron, and other local points of interest

Status
• Engineering 50% Complete
• Design coordination with VDOT and Norfolk Southern is on-going
• Construction estimated to begin Winter 2024/2025
Mathis Avenue (T-086)

**Goals**
- Improve pedestrian safety and connectivity between two historic districts
- Promote investment in Mathis Corridor
- Improve traffic safety and implement traffic calming

**Status**
- Engineering Design 30% Complete
- Public engagement meetings in February and March 2022
- Pursuing grant opportunities for full construction funding
Route 28 / Nokesville Rd Widening (T-042)

**Goals**
- Delays due to utility conflicts
- Utility relocation work is underway

**Status**
Estimated completion in Summer 2023
Route 28 / Nokesville Rd Widening (T-042) Construction
Dumfries Road Shared Use Path (T-058)
Dumfries Road Shared Use Path (T-058) Construction
Proposed Gateway Blvd Sidewalk/Trail Improvement Project

**Goals**

- New ADA compliant 2,332 linear feet, 10—foot wide shared-use trail along the north-side of Gateway Boulevard.
- New ADA compliant 2,332 linear feet, 5—foot wide sidewalk along the south-side of Gateway Boulevard.
- Increased pedestrian and bicycle safety.
- New walking and biking connections for residents and businesses in the Gateway/Airport area.

**Status**

- R/W Acquisition
- Eagle Nesting Season
- Estimated Construction Start: Summer 2022
Godwin Drive Shared Use Path (T-059)

Goals

Two-way bicycle and pedestrian shared use path (8’-10’ wide) from Wellington Rd. to Winters Branch Trail (approx. 1.5 miles)

Status

Right-of-way Acquisition: Winter 2022

Construction is anticipated to begin in Spring 2022
Quarry Street Streetscape Project (T-087)

Goals
• New ADA compliant 5-foot wide sidewalk along the southern portion of Quarry St.
• New roadway pavement, approximately 450 linear feet, between Main St. and the Messenger Place entrance.

Status
• R/W Acquisition
• Utility Undergrounding – April 2022
• Construction Start – Summer 2022
Stormwater
Euclid/Sills Warehouse SW Pond Retrofit (D-009)

Goals
Retrofit Existing Dry Pond to a Level 1 extended detention pond that will provide water quality & quantity controls.

Status
Design- 30%
Estimated completion in Fall 2023
Stormwater
Liberia Plantation Stream Restoration (D-027)

Goals
Repair eroded stream beds along Flat Branch Creek through the Liberia Plantation property to allow TMDL credits.

Status
Design
Estimated completion in Fall 2023
Goals
Retrofit existing dry pond to a Level 1 wet pond that provides water quantity & quality controls.

Status
Conceptual Design
Stormwater Cannon/Winters Branch Stream Restoration (Grant Ave to Wellington Rd)

**Goals**
Repair eroded stream banks of several segments along the Winters Branch tributary of Cannon Branch to gain TMDL program credits.

**Status**
Conceptual Design
Stormwater
Lucasville Regional SW Facility Retrofit (D-039)

Goals
Retrofit wet pond to a Level 2 wet pond that provides water quantity & quality controls.

Status
Design- 60%
Estimated completion in Fall 2023
Received grant funding for a portion of this project.
Addressing Drainage Complaints

Goals

• Research Ownership Responsibility and Design Cost Effective Solutions
• Construct Improvements to Address Concerns

Status

• Construction Complete at 8906 Stonewall Rd Project (Photo)
• Multiple Projects in Survey and Design Phase
Dean Park (C-017)

**Goals**
To add additional recreational fields to support the community.

**Status**
Phase 1 – 30% design
Construction starts Fall 2022
Site Plan Review Process

- Stormwater Review
- Erosion & Sediment Control Review
- Transportation Review
- General Engineering Review
- Utility Review
- Traffic Impact Analysis Review
- Confirm compliance with City Comprehensive Plan and Transportation Master Plan
WHAT’S IN OUR FUTURE:

- Van Metre Homes on Grant
- Kings Landing
- Centreville Rd./Liberia Ave. pedestrian
- Grant Ave. Streetscape
- Godwin Dr. Shared Use Path
- Quarry Rd. sidewalk
- Gateway Blvd. Pedestrian Improvements
- Lucasville Pond Retrofit
- Multiple Private Developer Lead Projects
- Completion of Route 32, Jefferson Square, Didlake, Harris II Building, The Learning Experience, Lockheed Martin Pavilion, Pierce Funeral Home Expansion, Osbourn High School Sidewalk
Questions?