



FREDERICKSBURG DISTRICT MULTIMODAL STUDY:

ROUTE 3: ANDORA DRIVE TO CARL D. SILVER BOULEVARD

ROUTE 1: IDLEWILD BOULEVARD TO LASSEN LANE

Stakeholder Kickoff Meeting

Spotsylvania County and City of Fredericksburg

Linda LaSut (VDOT)

Stephen Haynes (VDOT)

Chris Daily, PE (VHB)

August 4, 2021

Meeting Agenda



Project Pipeline Program



Spotsylvania-Fredericksburg Study Areas



Project Outline



Overall Schedule and Major Milestones



Next Steps



Discussion Points Throughout

PROJECT PIPELINE PROGRAM

Fredericksburg District Project Pipeline

Project Pipeline Program

- **Initiate studies on VTrans Priority 1 locations**
- **Identify and assess performance-based solutions**
- **Develop projects to be competitive for multiple funding sources**
- **Accelerated and reduced STARS study**



Strategically Targeted Affordable
Roadway Solutions



Project Pipeline Program

- **Three working groups**

**Group 1 –
Congestion/Capacity
Preservation & Access**

Congestion Mitigation
Capacity Preservation
Ped Access
Bike Access
Access to IED

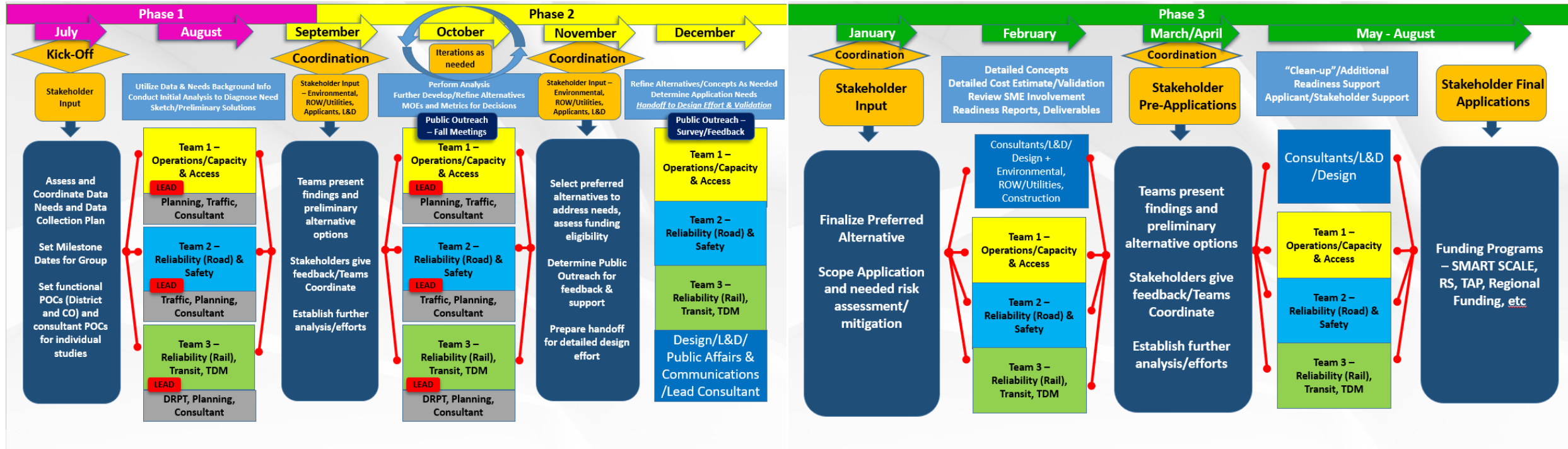
**Group 2 –
Safety & Reliability**

Reliability (Road)
Road Safety
Pedestrian Safety

**Group 3 –
TDM & Transit/Rail**

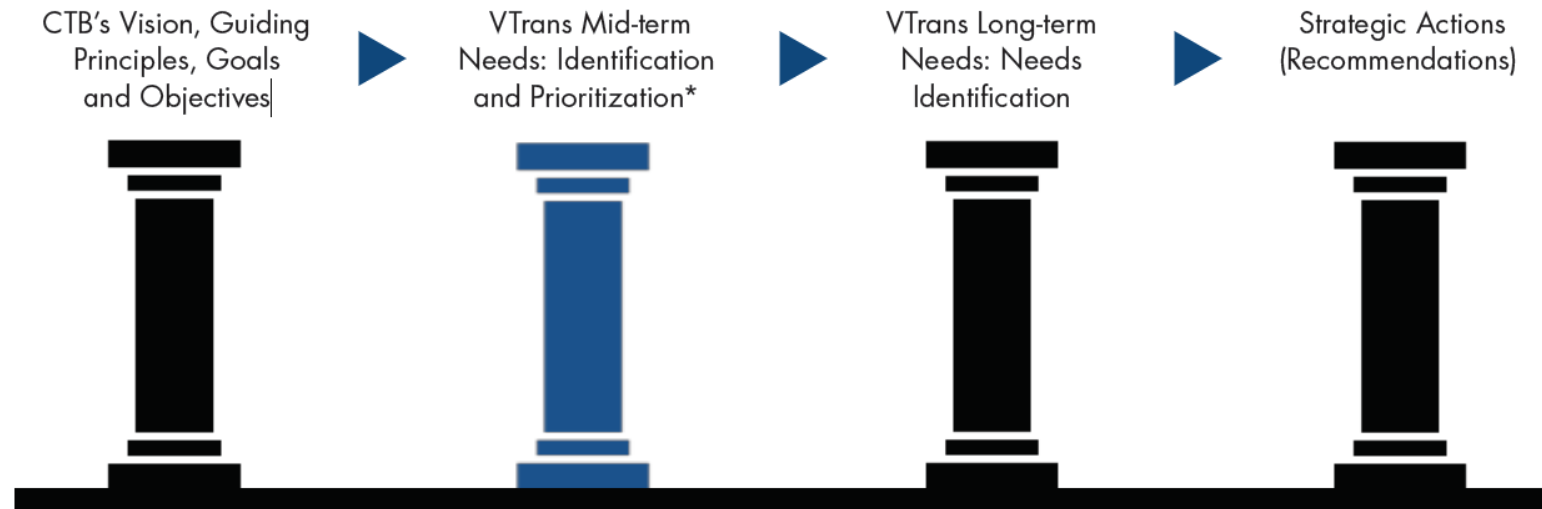
Reliability (Rail)
TDM
Transit EEA Access
Transit Access AC

Project Pipeline Program



What is VTrans?

- **Statewide multimodal transportation plan**
- **Transportation needs addressed through projects, strategies, and policies**



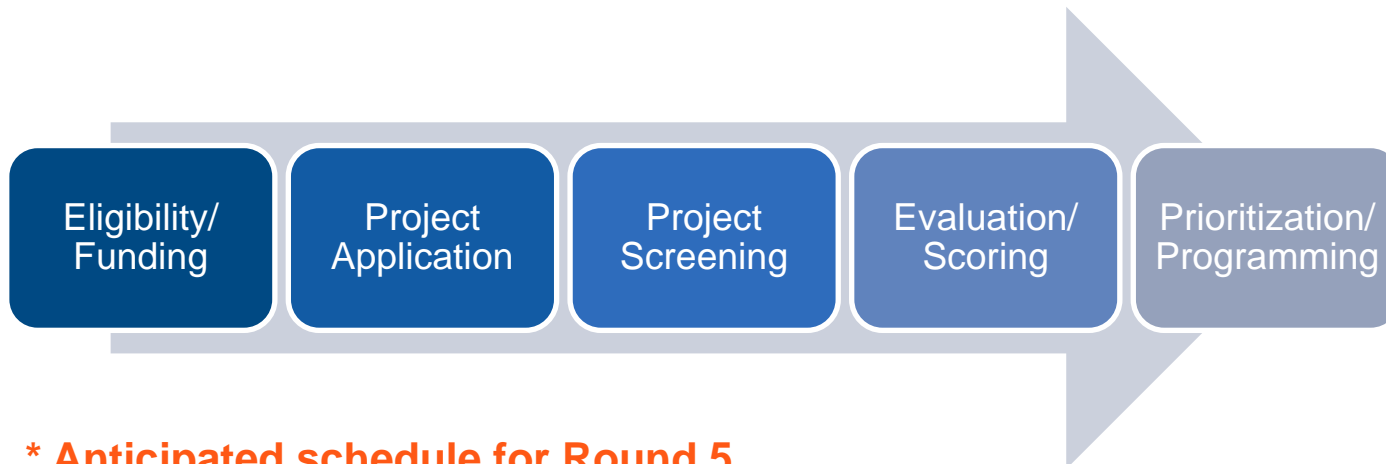
* Focus of these projects

VTrans Goals and Needs

-  **Goal A: Economic Competitiveness and Prosperity**
-  **Goal B: Accessible and Connected Places**
-  **Goal C: Safety for All Users**
-  **Goal D: Proactive System Management**
-  **Goal E: Healthy Communities and Sustainable Transportation Communities**

What is SMART SCALE?

- **State Funding Program**
- **Based on maximizing the use of limited tax dollars**
- **Biennial Schedule***
 - **Pre-applications Due April 2022**
 - **Full Applications Due August 2022**
 - **January 2023 – Release of Project Prioritization**



*** Anticipated schedule for Round 5**

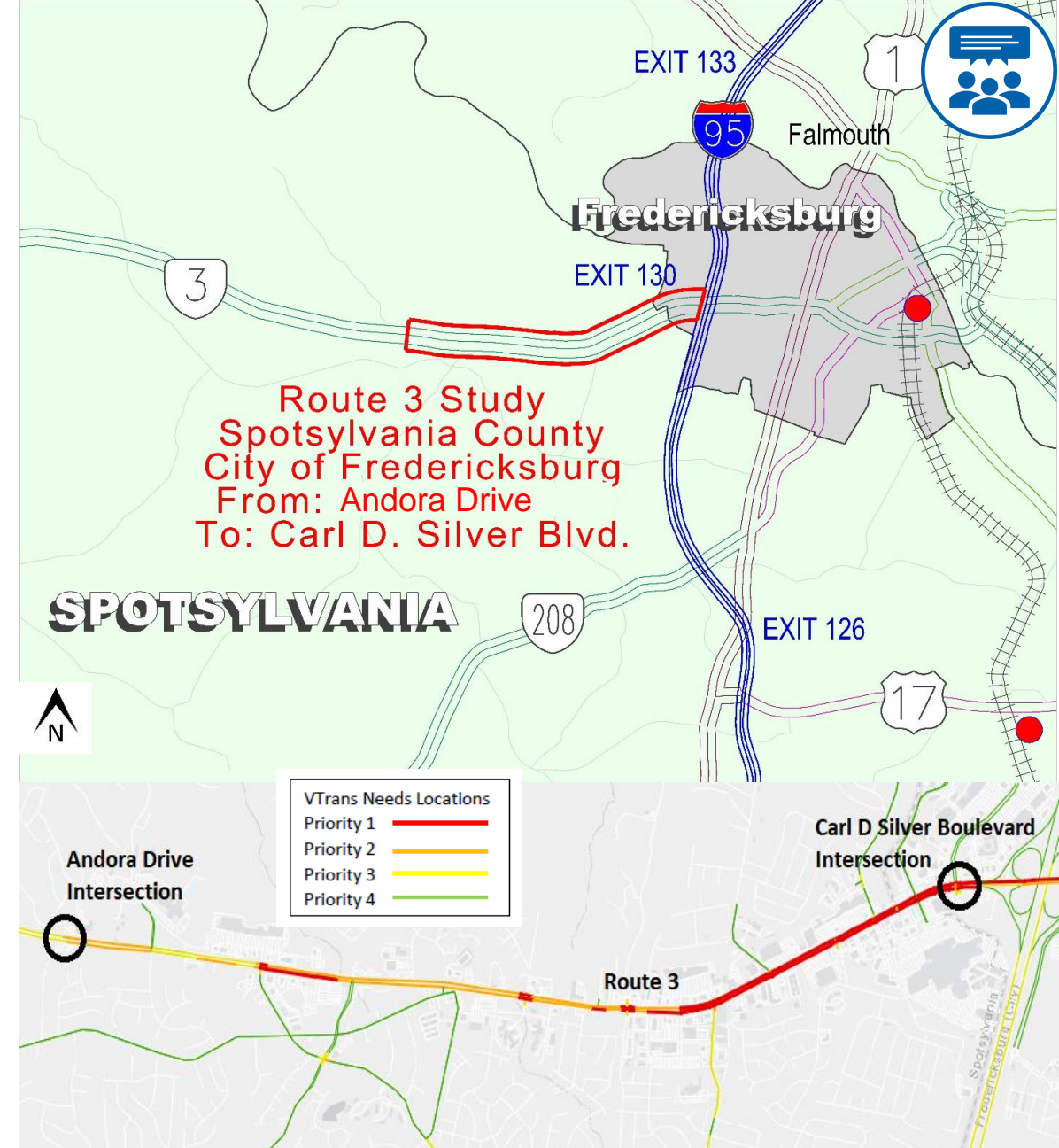


SPOTSYLVANIA-FREDERICKSBURG STUDY AREAS OVERVIEW

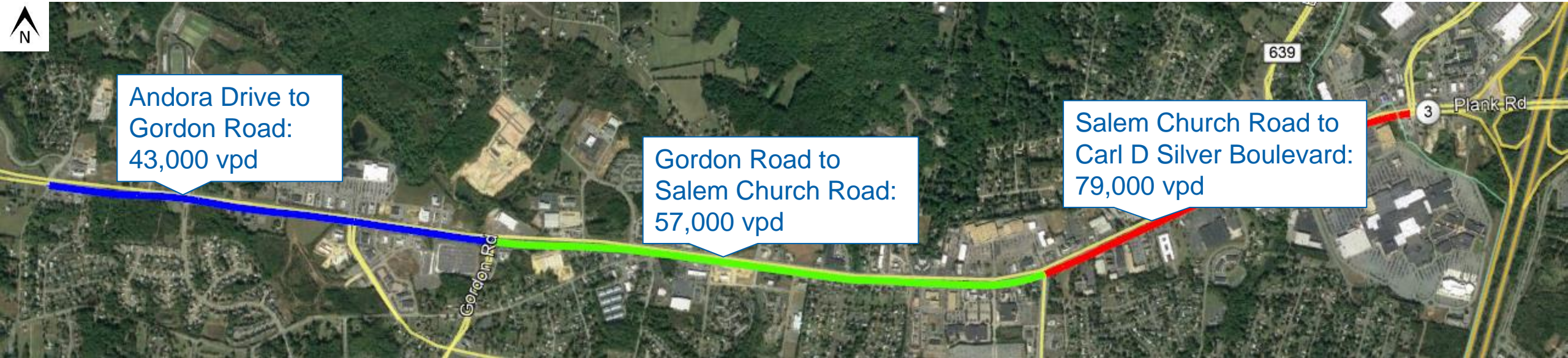
 Fredericksburg District Project Pipeline

Route 3 Study Area

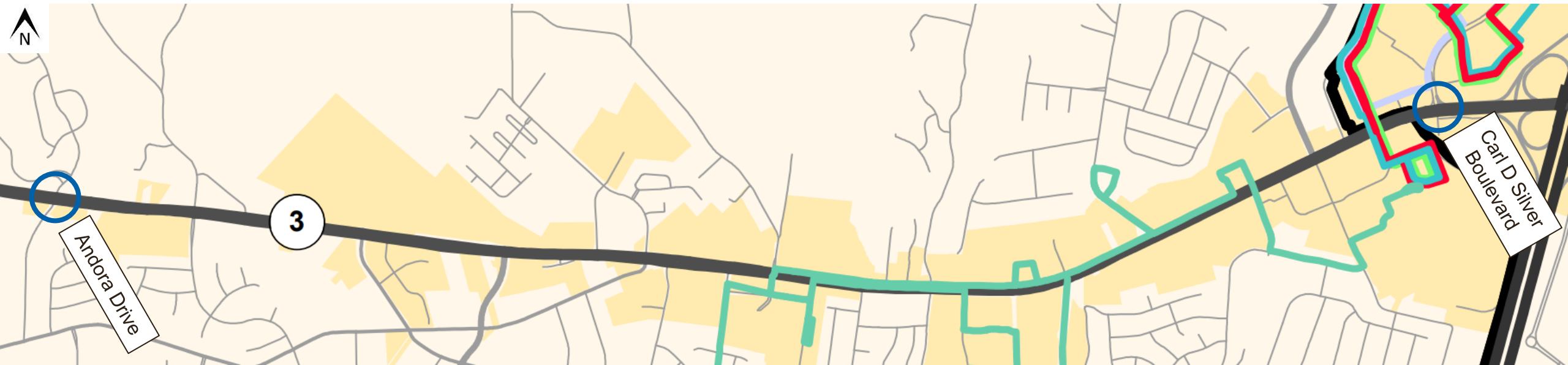
- **From Andora Drive to Carl D. Silver Boulevard**
 - 4-8 lanes, divided roadway
 - Principal arterial
- **4-mile corridor**
- **14 signalized intersections**
- **Top VTrans Needs**
 - Congestion Mitigation
 - Capacity Preservation
 - Transportation Demand Management
 - Bicycle, Pedestrian, and Transit Access
 - Access to Industrial and Economic Development Areas
 - Pedestrian Safety Improvement



2019 Average Annual Daily Trips (AADT)



Fredericksburg Regional Transit Routes

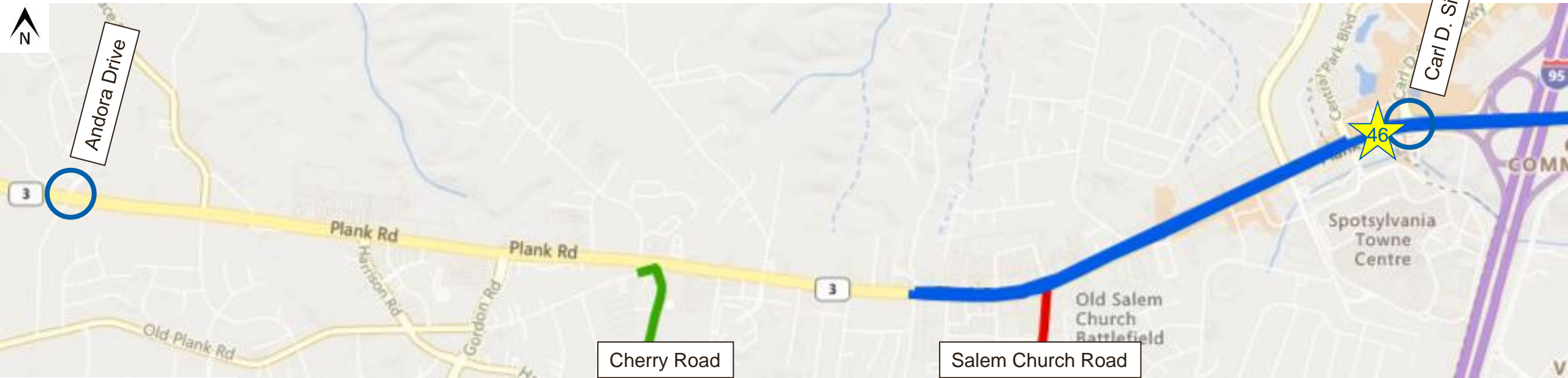


- F1
- E1
- E2
- E2LN
- S1

Potential for Safety Improvements (PSI)



Pedestrian Safety Action Plan



PSAP 2.0 - Top Crash Clusters



PSAP 2.0 - Priority Corridors

- Priority 1 - Top 0.1%
- Priority 2 - Top 1%
- Priority 3 - Top 5%



Known Studies, Improvements, and Plans

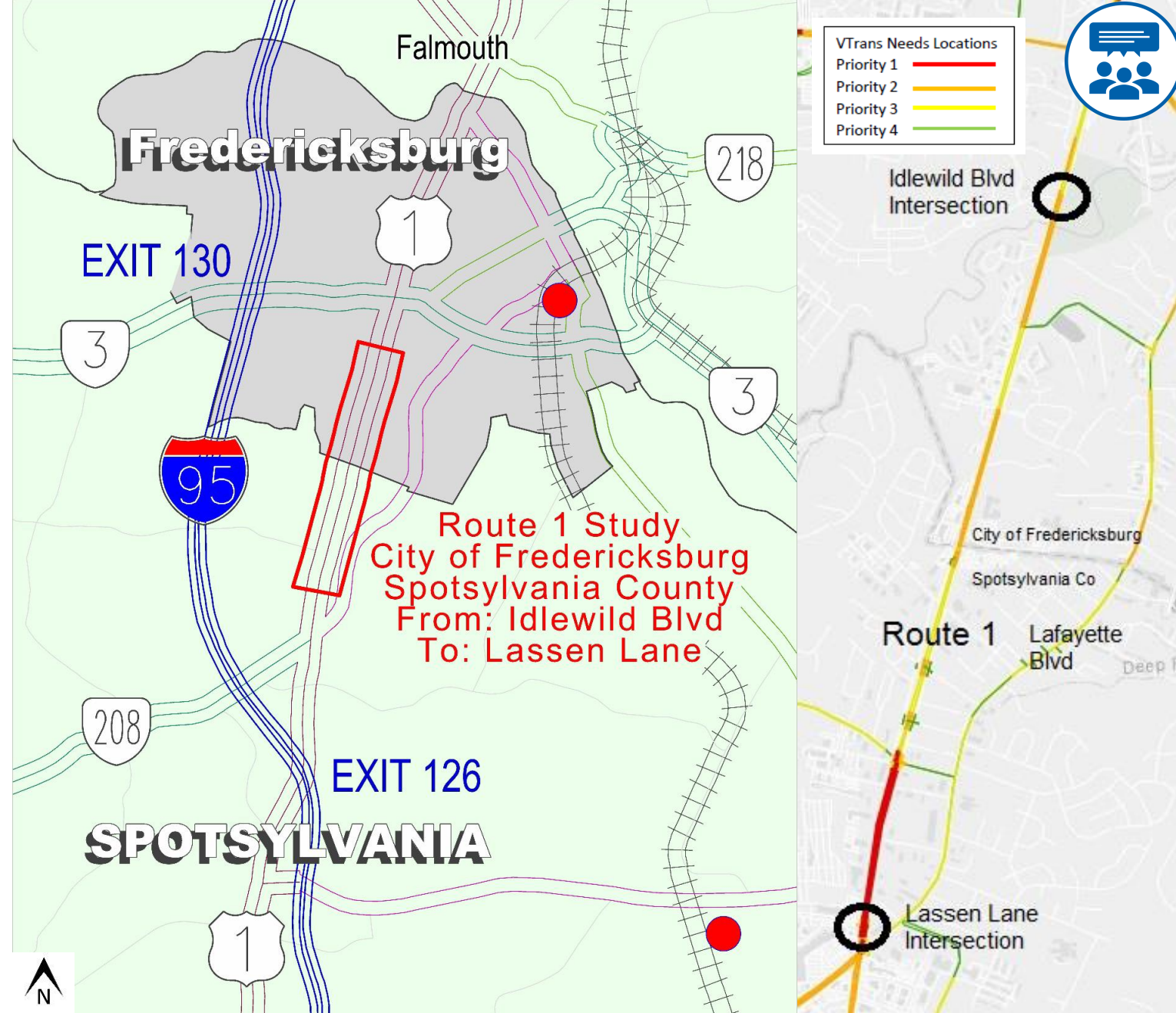
- **Route 3 Widening & Signal Improvements**
 - From Salem Church Road to Mall Drive
- **PSAP Corridor Study**
 - From Andora Drive to Mall Drive
- **FAMPO Long Range Transportation Plan**
 - Route 3 Widening and Sidewalk Improvements
- **FAMPO Intraregional Multimodal East-West Mobility Study**
- **VDOT I-95 Planning Study**

Discussion

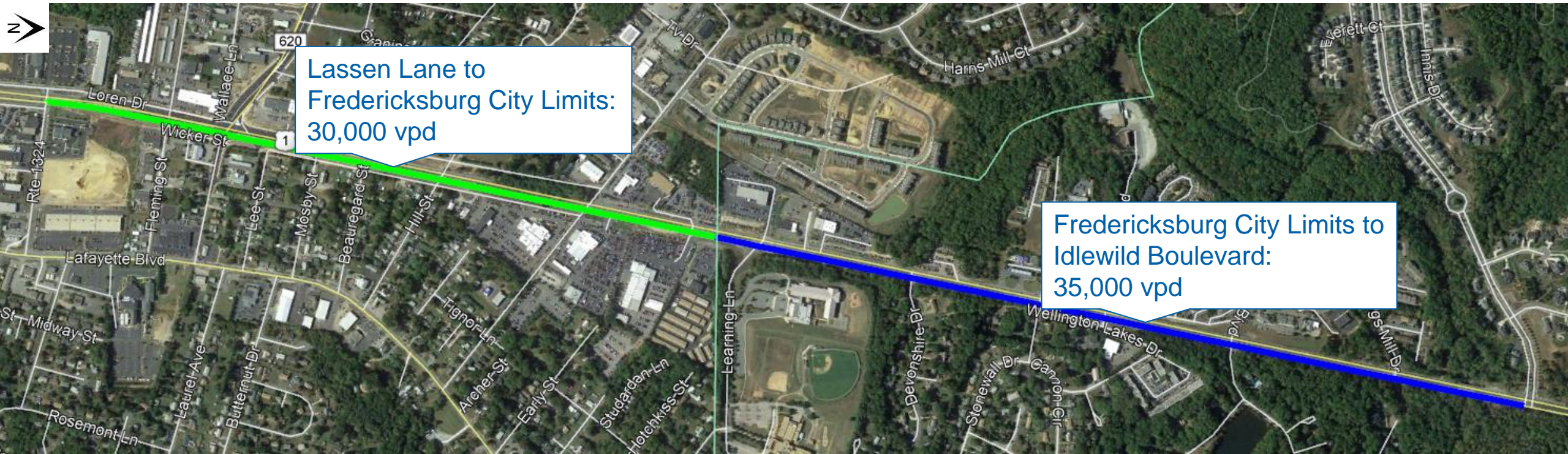


Route 1 Study Area

- **From Idlewild Boulevard to Lassen Lane**
 - 4 lanes, divided roadway
 - Principal arterial
- **2-mile corridor**
- **7 signalized intersections**
- **Top VTrans Needs**
 - Transportation Demand Management
 - Capacity Preservation
 - Bicycle and Transit Access



2019 Average Annual Daily Trips (AADT)

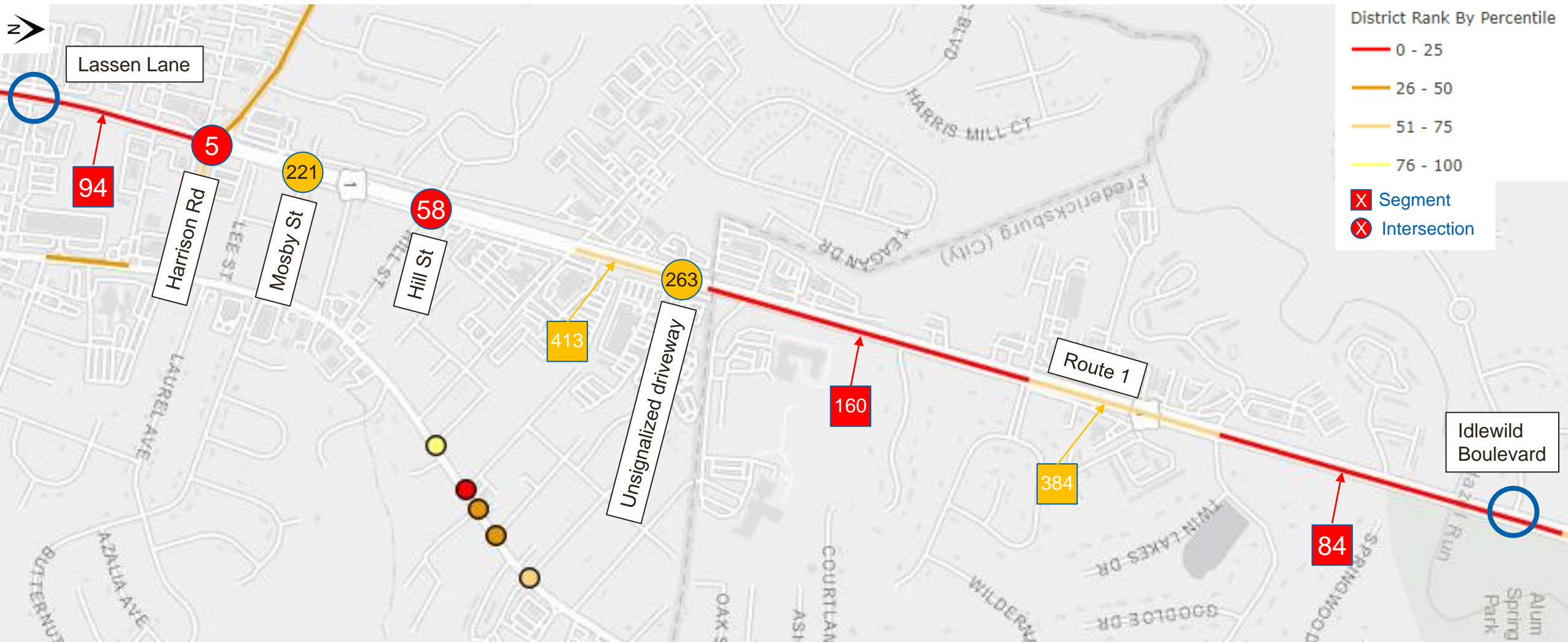


Fredericksburg Regional Transit Routes

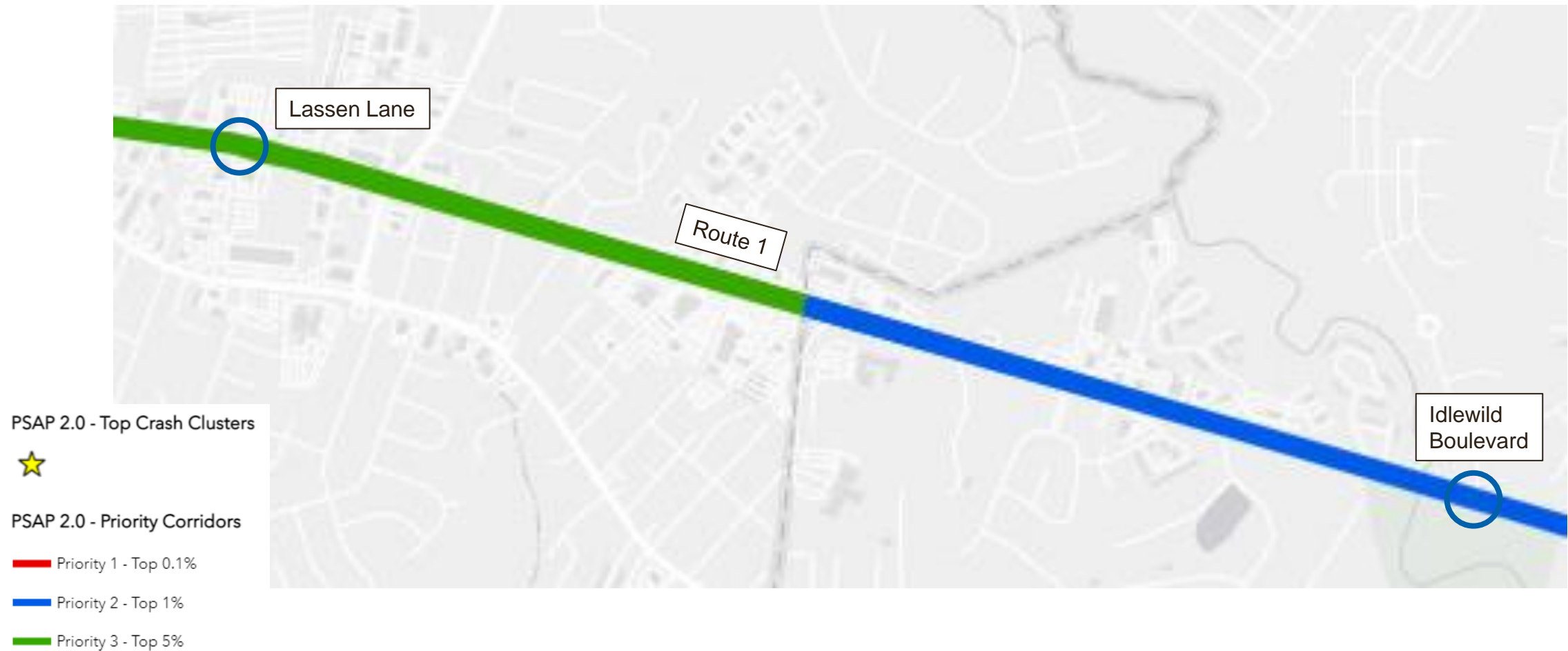
— F2



Potential for Safety Improvements (PSI)



Pedestrian Safety Action Plan





Known Studies, Improvements, and Plans

- **PSAP Corridor Study**
 - From Route 1 Business to Learning Lane
 - Pedestrian Modification Design underway at Hudgins Road
- **FAMPO Long Range Transportation Plan**
 - Route 1 Widening and Sidewalk Improvements






Discussion



PROJECT OUTLINE

 Fredericksburg District Project Pipeline

Phase 1 Scope

-  **Kickoff and Framework**
-  **Work Group Coordination**
-  **Existing Conditions, Initial Analysis, & Assessment**
-  **Stakeholders Meeting & Phase 2 Scoping**
-  **Data Collection**



Proposed Data Sources

- **Traffic Volume Data (TMC, Heavy Vehicles, Pedestrians)**
- **Field Observations**
- **TTI and INRIX**
- **TDM Measures**
- **Crash/FR-300 Reports**
- **Transit Data**

Overall Schedule and Major Milestones

Phase 1

Working
Group
Meetings

Preliminary
Alternatives
Screening



Existing
Conditions
Analysis

Stakeholders
Meeting #2

August
2021

August
2021

September
2021

September
2021

Phase 2

Future
Conditions
Analysis

Stakeholders
Meeting #3



Refine
Alternatives
Selection

Finalize
Preferred
Alternatives

October
2021

November
2021

December
2021

January
2022

Phase 3: SMART SCALE Pre-Applications Due April 2022
SMART SCALE Applications Due August 2022

Next Steps



Begin Data Collection



Prepare Framework Document



Analyze Existing Conditions



Develop Preliminary Alternatives

Questions and Additional Feedback



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