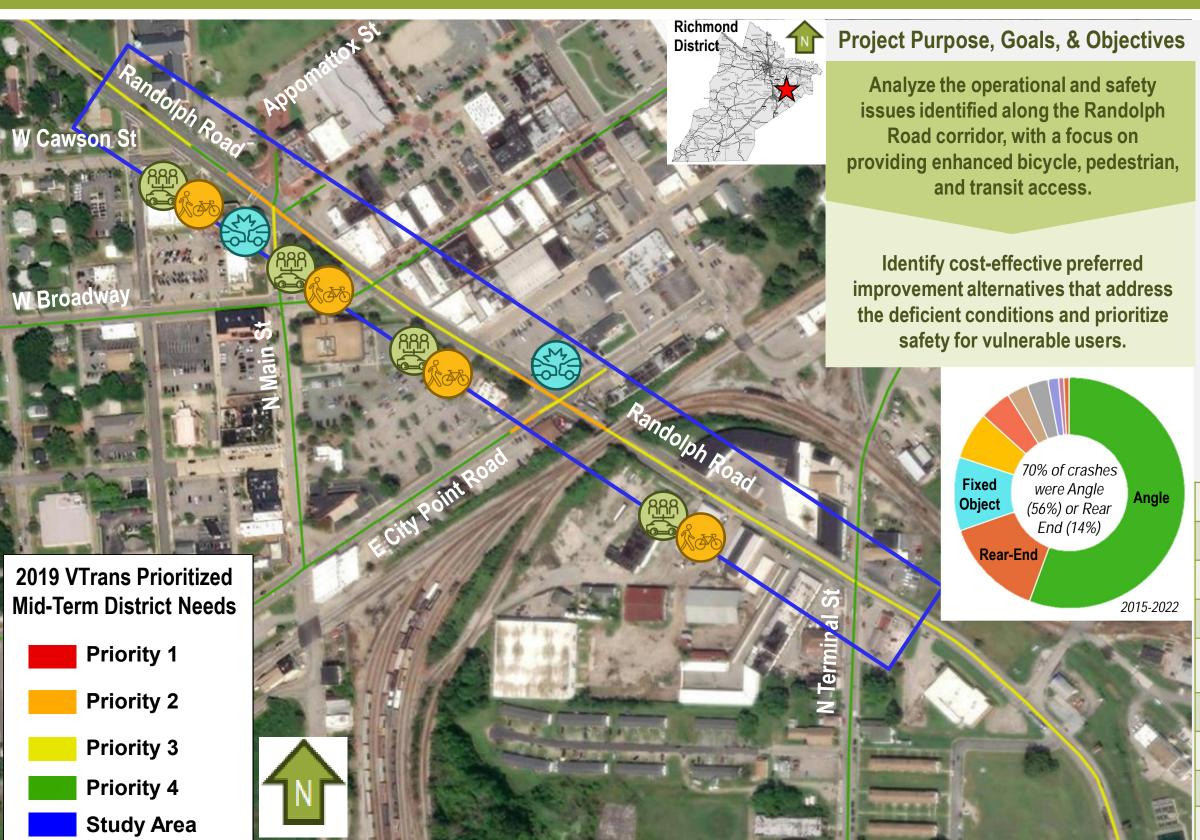
## **Project Overview | RI-23-10** VA-10 (Randolph Road) Corridor, 0.4 Mile

**PROJEC1** 

#### **Study Corridor Includes:**

• Randolph Road from W. Cawson Street to N. Terminal Street



## VA-10 | RANDOLPH ROAD CORRIDOR



#### Identified Issues in the Study Area



Significant angle crash trend related to intersections. 12% truck crashes, which is in line with truck volume percentage.



No bike lanes or shared-use paths exist along Randolph Road. Existing bike lanes are located along Appomattox Street. Existing sidewalks along the corridor are not ADA compliant and crosswalks are only present at two intersections.



**No identified VTRANS Congestion Mitigation** or Capacity Preservation Needs; however, VA-10 is a designated truck route.



There are no existing bus stops along the corridor, but two PAT bus stops are adjacently located nearby. There are no existing park and ride facilities in the area.

#### **Project Fact Sheet**

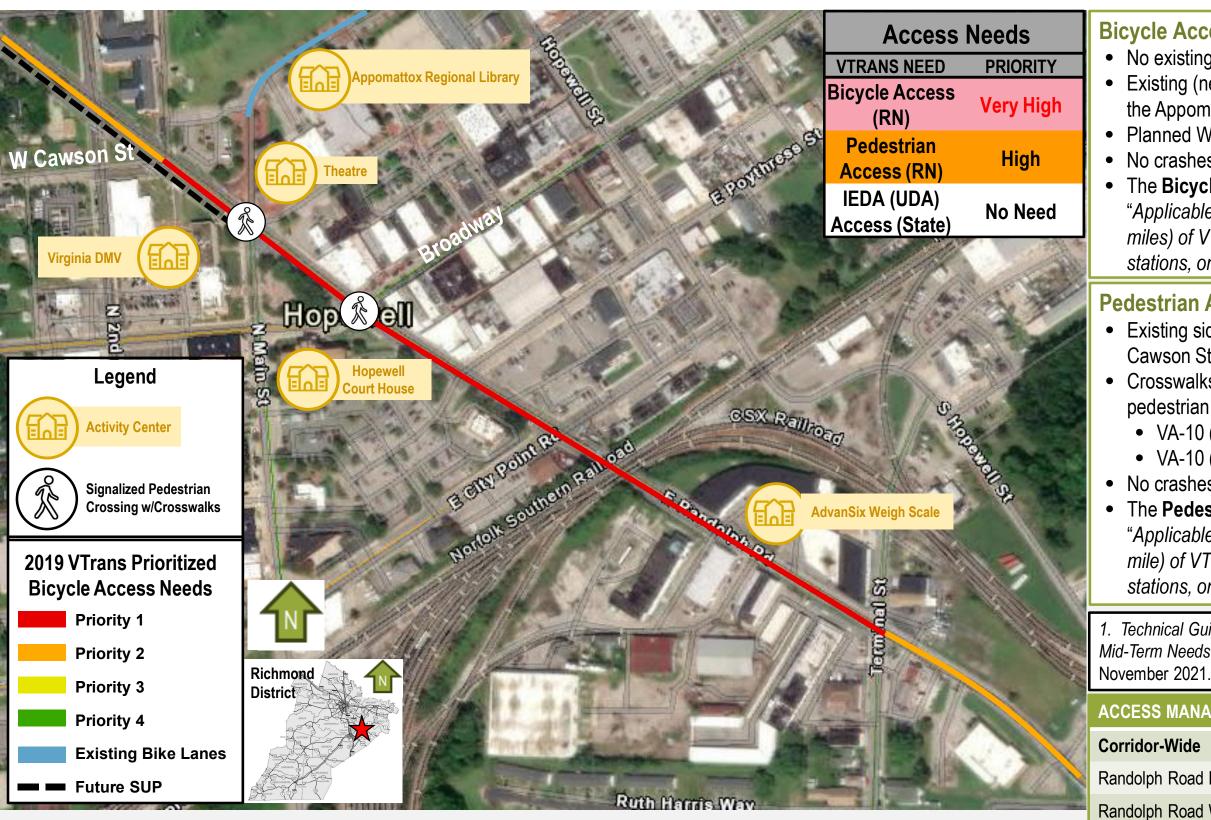
VDOT District	Richmond		
Locality	City of Hopewell		
# of Study Intersections	6		
<b>Transit Routes</b> Petersburg Area Transit (PAT)	PAT Hopewell Circulator		
Intermodal Connections	None		
Nearby Bikeways	Appomattox River Trail		
Functional Classification	Other Principal Arterial		
Speed Limit	35 mph		





## **Operations / Access Needs**

#### **Bicycle/Pedestrian Access Needs Identification Summary**



### VA-10 | RANDOLPH ROAD CORRIDOR

#### **Bicycle Accessibility Summary**

• No existing bike lanes or shared-use paths along VA-10, • Existing (new) bike lanes along Appomattox Street as part of the Appomattox River Trail,

• Planned West Randolph Road Shared Use Path (Funded), • No crashes involving a bicyclist between 2015-2022.

• The **Bicycle Access** VTrans Need is Very High based on "Applicable roadway segments within biking distance (seven miles) of VTrans Activity Centers, fixed-guideway transit stations. or BRT lines.<sup>1</sup>"

#### **Pedestrian Accessibility Summary**

 Existing sidewalks along both sides of Randolph Road from W. Cawson Street to just east of the Railroad Overpass. • Crosswalks only present at two intersections (signalized with pedestrian push buttons):

- VA-10 (Randolph Rd) & N. Main Street
- VA-10 (Randolph Rd) & Broadway

No crashes involving pedestrians between 2015-2022.

• The Pedestrian Access VTrans Need is High based on "Applicable roadway segments within walking distance (one mile) of VTrans Activity Centers, fixed-guideway transit stations, or BRT lines.<sup>1</sup>"

1. Technical Guide for the Identification and Prioritization of the VTRANS Mid-Term Needs, Office of Intermodal Planning and Investment (OIPI),

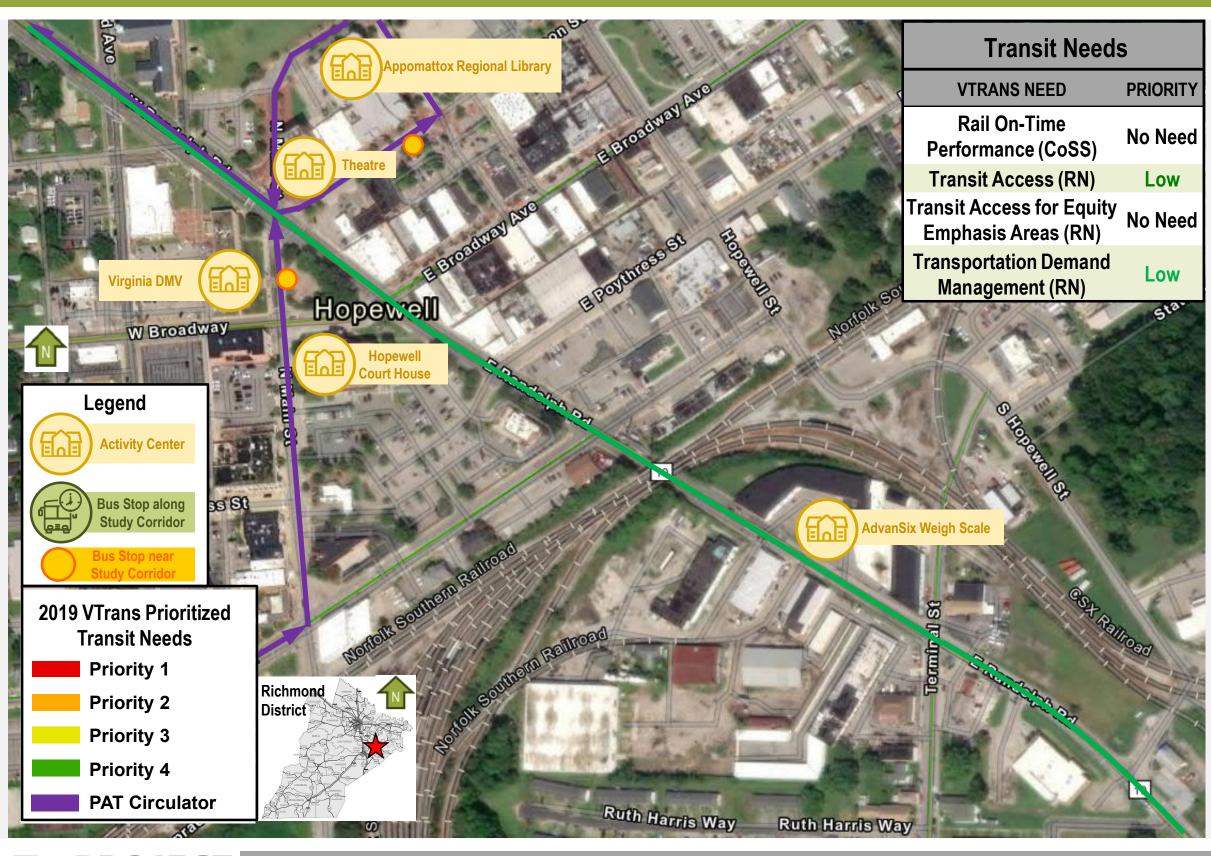
AGEMENT SUMMARY	ACCESS POINTS/MILE			
)	26.3			
d Eastbound	22.5			
d Westbound	30.0			





# **Operations / Access Needs**

### **Transit Access Needs Identification Summary**



# VA-10 | RANDOLPH ROAD CORRIDOR

#### **Transportation Demand Management** (TDM) Summary

- · No existing park and ride or other intermodal facilities exist along or near the study area.
- The **TDM** VTrans Need is Low based on "Roadway segments where TDM strategies such as new or expanded public transportation services/facilities, new or expanded bicycle and pedestrian facilities, or coordination of commuter assistance programs can be beneficial to reduce vehicle miles traveled.<sup>1</sup>"

#### **Transit Accessibility Summary**

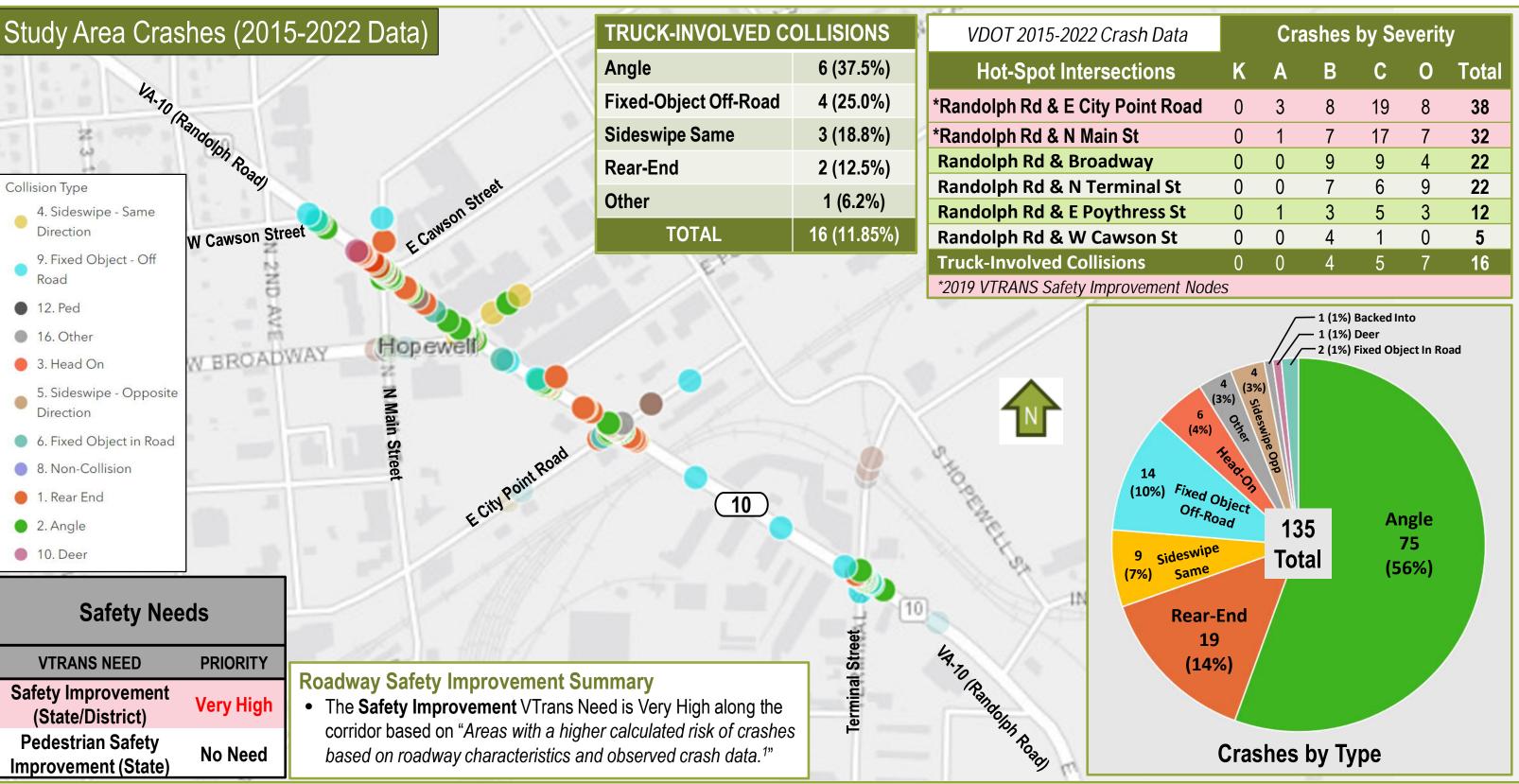
- Petersburg Area Transit (PAT) Hopewell Circulator runs in one direction along the north end of the Randolph Road corridor.
- No bus stops are located directly along the corridor; however, there are two stops nearby. Each stop has sidewalks, but no shelters.
  - 1 Stop along N Main Street (no benches).
  - 1 Stop along E Cawson Street with a bench. •
- The Transit Access VTrans Need is Low based on "The number of workers that can access a given VTrans Activity Center via public transit within 45 minutes versus a private automobile. Any transit deficit greater than zero constitutes a need.<sup>1</sup>"

1. Technical Guide for the Identification and Prioritization of the VTRANS Mid-Term Needs, Office of Intermodal Planning and Investment (OIPI), November 2021.



### **Safety Needs**

### **Safety Improvement Needs Identification Summary**



# VA-10 | RANDOLPH ROAD CORRIDOR

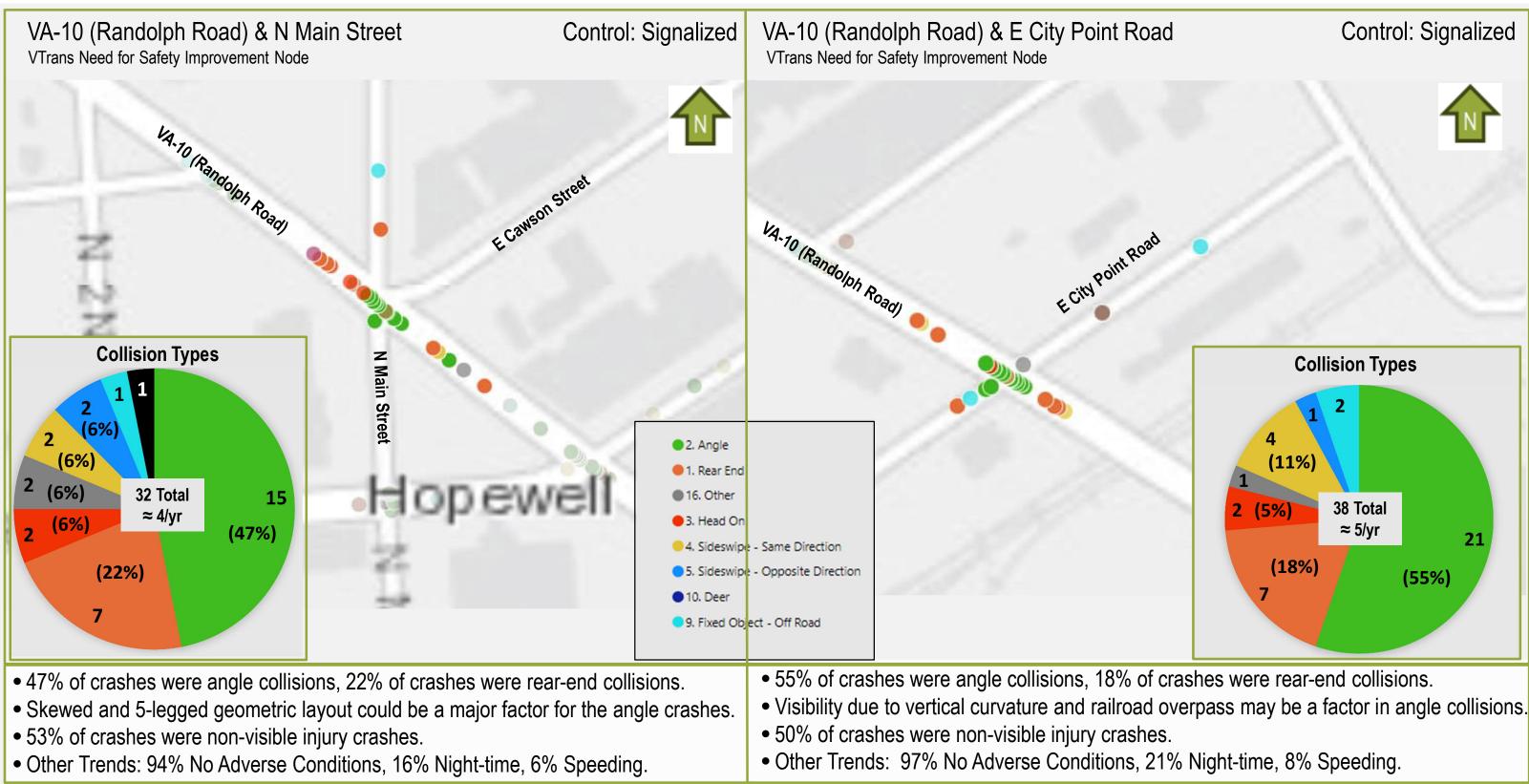
	C - 212 - 21		100				
rash Data	Crashes by Severity						
ections	K	Α	В	С	0	Total	
Point Road	0	3	8	19	8	38	
n St	0	1	7	17	7	32	
dway	0	0	9	9	4	22	
minal St	0	0	7	6	9	22	
thress St	0	1	3	5	3	12	
wson St	0	0	4	1	0	5	
ions	0	0	4	5	7	16	
provement Nodes							



INTERMODAL •**DRPT**• **N** 

### **Safety Needs**

### **Detailed Intersection Crash Analysis (2015 – 2022 Data)**

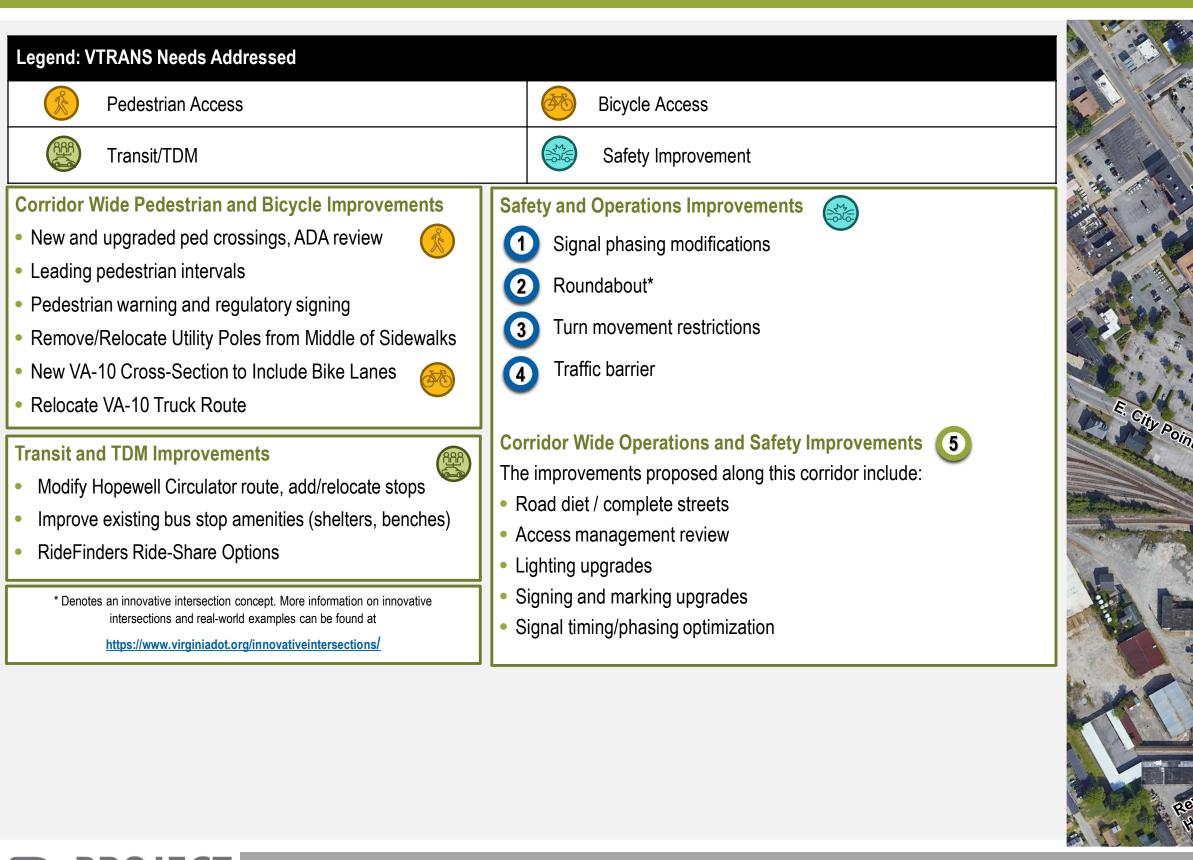


# VA-10 | RANDOLPH ROAD CORRIDOR



### **Phase 1 Scoping-Level Improvement Concepts**

VA-10 (Randolph Road) from W. Cawson Street to N. Terminal Street



VA-10 | RANDOLPH ROAD CORRIDOR





