

Project Overview | NV-23-07

Eisenhower Avenue from Van Dorn Street (Route 401) to Holland Lane



Project Purpose, Goals, & Objectives

Analyze the operational and safety issues identified along Eisenhower Ave, with a focus on providing enhanced pedestrian & bicycle access and transportation demand management.

Identify cost-effective preferred improvement alternatives that address the deficient conditions and prioritize safety and accessibility.

TDM



Existing Shared-Use Path on the south side of Eisenhower Ave, from the Holmes Run Trail to Stovall St. Bicycle connection at Eisenhower Ave Connector. Capital Bikeshare at Van Dorn Metro, Eisenhower Ave & Ike Dr, and Eisenhower Ave & Mill Race Ln.



Sidewalks are inconsistent along Eisenhower Ave. There is demand for safe pedestrian crossings.



Park & Ride lots at Van Dorn & Eisenhower Ave Metro.



Existing bus stops along Eisenhower Ave serving DASH, Fairfax Connector, and WMATA routes. WMATA Metro Yellow & Blue Line stops located along the corridor.

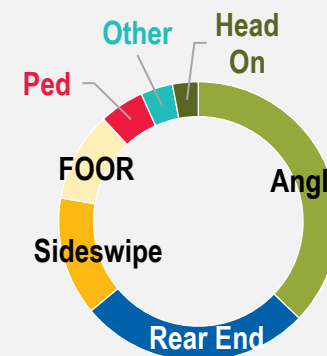


Van Dorn St & Eisenhower Ave intersection has major delays due to high volumes on Van Dorn St.



31 rear end incidents (2015-2022) at Van Dorn St & Eisenhower Ave. 1 fatal Fixed Object – Off Road (FOOR) incident along WB Eisenhower Ave near the Van Dorn Metro. Most of the pedestrian collisions near metro stations.

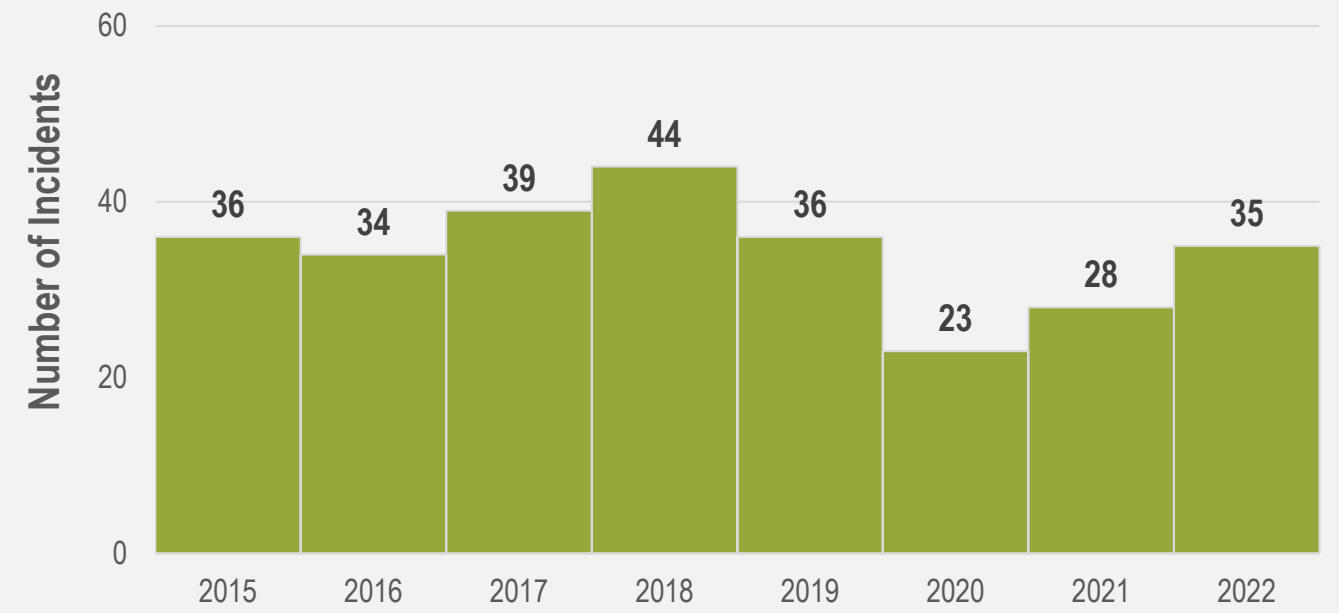
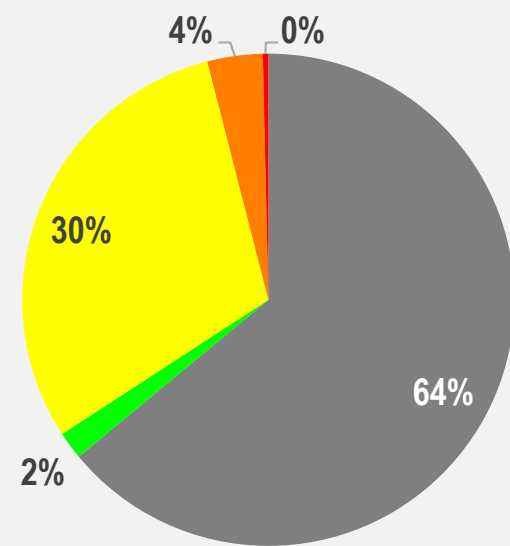
Issues in the Study Area



Project Fact Sheet	
VDOT District	Northern Virginia
Locality	City of Alexandria
# of Study Intersections	18 signalized; 11 unsignalized
Transit Routes	DASH Transit Bus Routes (30, 32, & 35); Fairfax Connector Routes (109, 231, 232, & 321); WMATA Bus Routes (7A, NH2, & REX); WMATA Metro Stops (Van Dorn St – Blue Line & Eisenhower Ave – Yellow Line)
Bikeways	Shared-Use-Path on the south side of Eisenhower Avenue that connects to Holmes Run Trail
Functional Classification	Minor Arterial
Speed Limit	35 mph (west of E Mill Rd); 25 mph (east of E Mill Rd)

Safety Needs

Needs Identification Summary



Bicycle and Pedestrian Safety and Accessibility Needs

Bicycle and Pedestrian Safety and Accessibility Needs Identification Summary



Bicycle and Pedestrian Safety & Accessibility Summary

- VTrans identifies this corridor as 'Very High' for Bicycle Access and Pedestrian Access.
- 13 pedestrian and 10 bicycle crashes occurred along Eisenhower Ave.
- The Eisenhower Trail/shared-use-path runs parallel to Eisenhower Ave from east of Clermont Ave to Stovall.
- There is a sidewalk gap on Eisenhower Ave from Pepperell St to Warburton St due to the land development. This closure is lacking crosswalk closure rerouting or signs.
- The sidewalk is very narrow on Eisenhower Ave from Ike Drive to Bluestone Road.

Bicycle and Pedestrian Improvements

- Improve bicycle facilities by including a cycle track on the north side of Eisenhower Ave, a shared-use path on the south side of Eisenhower Ave, and/or bike lanes along eastbound and westbound Eisenhower Ave.
- Improve pedestrian crossings throughout the corridor.
 - Pedestrian crossing improvements at Stovall Street, potentially by decreasing the turn lanes at the intersection.

