

Project Overview | CU-23-09

Route 250 (Ivy Road) from Ednam Drive to US 29 Business



Project Fact Sheet	
VDOT District	Culpeper
Locality	City of Charlottesville/ Albemarle County
Corridor Length	1.86 miles
Nearby Bikeways	Shared Use Path (SUP) along Ivy Rd
Number of Crossover	9
Functional Classification	Other Principal Arterial
Speed Limit	35 mph

Issues in the Study Area

Project Purpose, Goals, & Objectives

Analyze the operational and safety issues identified along Ivy Road to provide enhanced safety and transportation demand management.

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



247 crashes (2018-2022) within 150 feet of an intersection. 11, 21, 12, 10, 10 and 12 crashes associated with Ednam Dr, Canterbury Rd, US 29 SB Ramp, US 29 NB Ramp, Old Ivy Rd, and Alderman Rd intersections, respectively.



Shared Use Path (SUP) along Ivy Rd Rd, from Ednam Dr to Old Ivy Rd intersection.



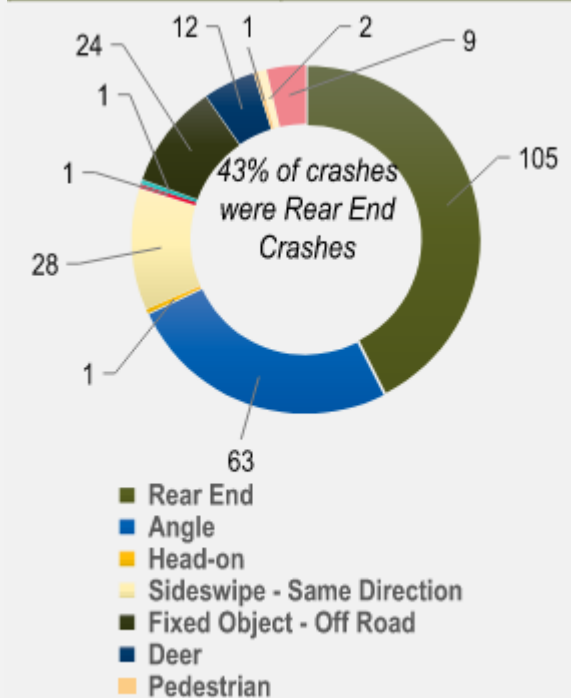
There aren't bus stops along Ivy Road, but the nearest one is on Emmet St N.



Congestion is one of the public concern in the study area. Queueing was observed at Farmington Dr, Canterbury Rd, and US 29 Ramps intersections.

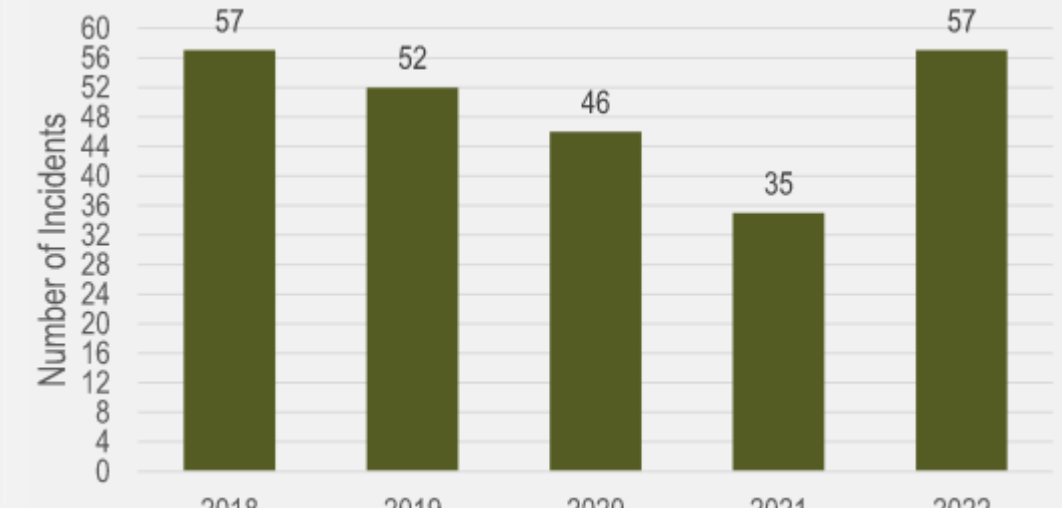
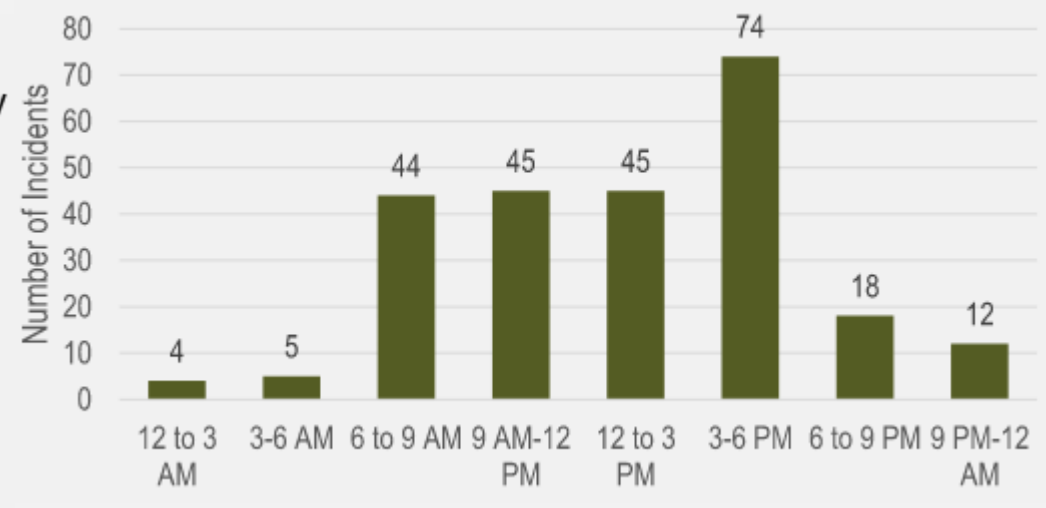
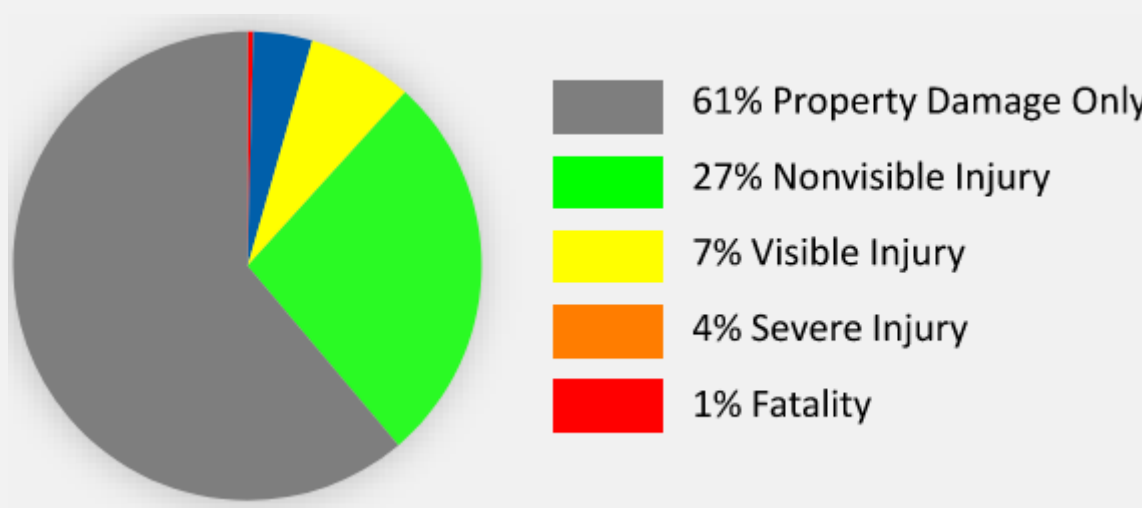


Sidewalks are continuous only on both side from Old Ivy Rd to Alderman Rd intersection. Only curb ramps are ADA compliant at Old Ivy Rd, and Alderman Rd. Ped signals - with buttons and countdown heads and , only at old Ivy Rd and Alderman Rd intersections.



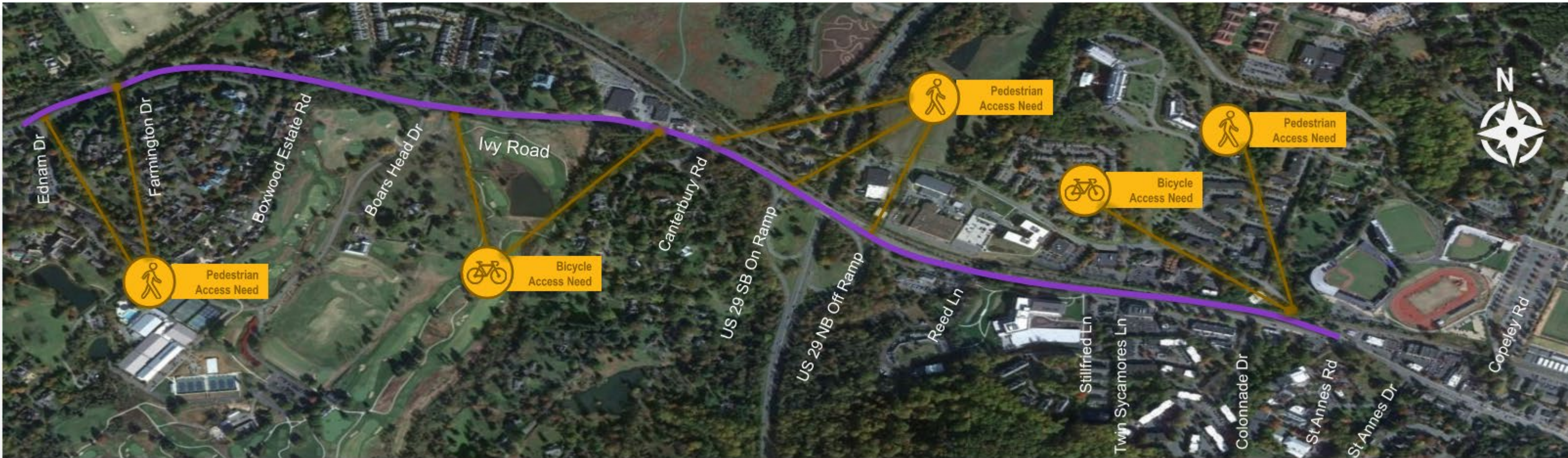
Safety Needs

Needs Identification Summary



Bicycle and Pedestrian Safety and Accessibility Needs

Bicycle and Pedestrian Safety and Accessibility Needs Identification Summary

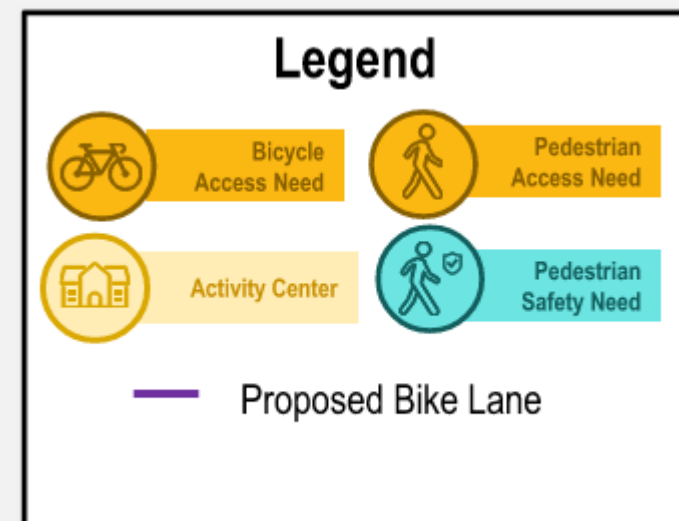


Bicycle and Pedestrian Safety & Accessibility Summary

- VTrans identifies this corridor as VERY HIGH NEED for Transit Access, Transit Access for (EEA), TDM and HIGH NEED for Congestion Mitigation
- 1 pedestrian crashes at old Ivy Rd / Ivy Rd intersection
- Sidewalks
 - Continuous Sidewalk on both sides a long Ivy Rd from Old Ivy Rd to Alderman Rd intersection.
 - Crosswalks – markings are present and many curb ramps are ADA compliant only at Old Ivy Rd and Alderman Rd. Ped signals - with buttons and countdown heads at intersections, of od Ivy Rd and Alderman Rd.
- Bikes
 - Existing Shared Use Path present along Ivy Rd (SUP).

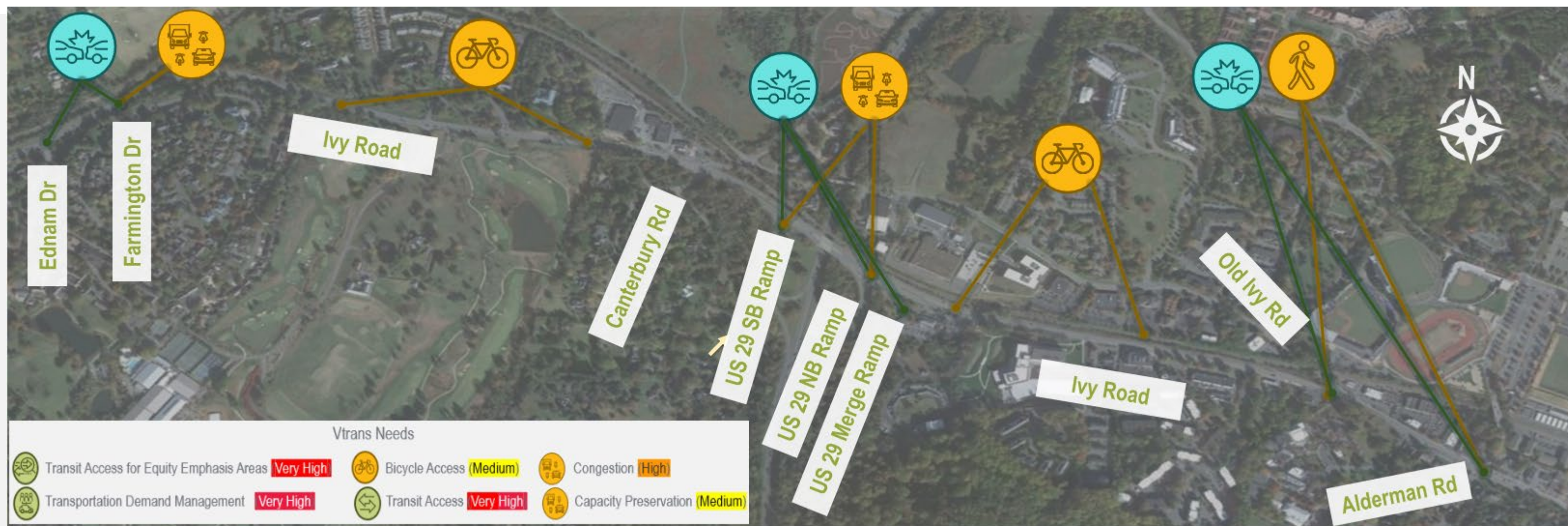
Bicycle and Pedestrian Improvements

- Add ped/heads, buttons and crosswalks
 - US 29 SB on -Ramp intersection
 - US 29 NB on -Ramp intersection
 - Ednam Dr and Alderman Rd
- One Community planning efforts, City of Charlottesville, Albemarle MPO Bicycle & Pedestrian Mobility Plan calls for bike lanes along Ivy Rd.
- Thomas Jefferson PDC bike & Pedestrian Plan – Urban Bike Lane Corridor.
- Bicycle and Pedestrian Plan – Bicycle Vision Network – Ivy Rd as Arterial On-Road Corridor -> Recommended Bicycle Lane
- Future Land Use Plan – Urban Mixed Us Corridor & Education.



VTrans Needs

VTrans Needs Summary



247 incidents (2018-2022) within 150 feet of an intersection. 11, 21, 12, 10, 10 and 12 incidents associated with Ednam Dr, Canterbury Rd, US 29 SB Ramp, US 29 NB Ramp, Old Ivy Rd, and Alderman Rd intersections, respectively.

Shared Use Path (SUP) present along Ivy Rd, from Ednam Dr to Old Ivy Rd intersection. Dedicated bike lane is present from Old ivy Rd to Alderman Rd.

There aren't bus stops along Ivy Rd, only the nearest bus stop is on Emmet St N.

Congestion is one of the public concern in the study area. Queueing was observed at Farmington Dr, Canterbury Rd, and US 29 Ramps intersections.

Sidewalks are continuous only on both sides at Old Ivy Rd to Alderman Rd intersection. Only curb ramps are ADA compliant at Old Ivy Rd, and Alderman Rd. Ped signals - with buttons and countdown heads, only at old Ivy Rd and Alderman Rd intersections.

The closest park & ride lot is at Tee Lane Park Post (3.3 miles to the south of US 29).