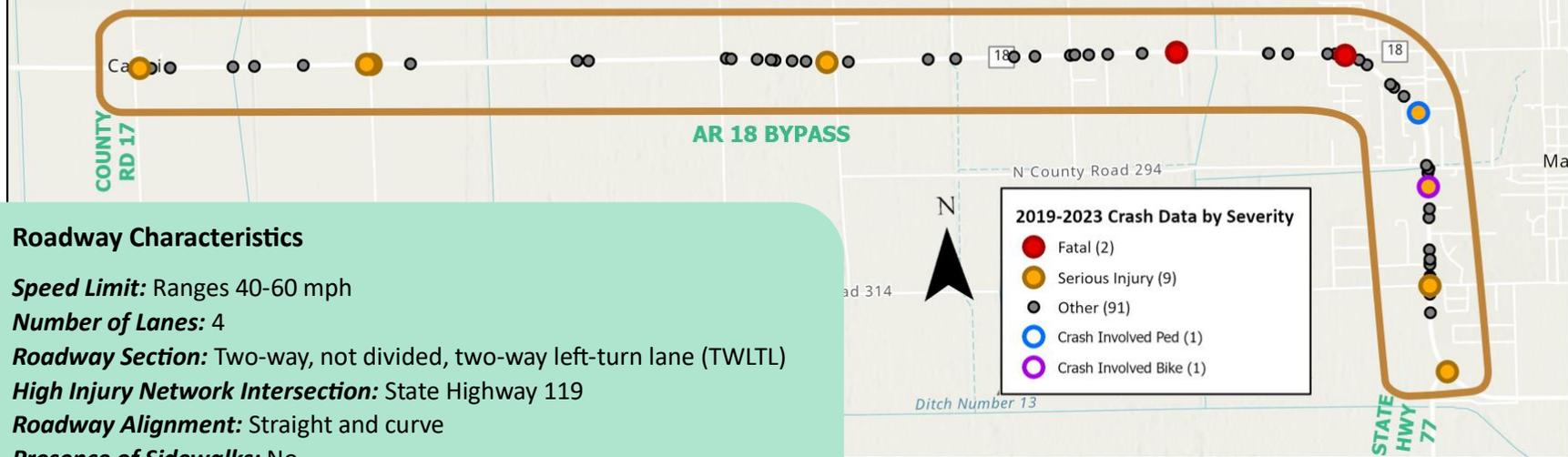


3.AR 18 BYPASS – STATE HIGHWAY 77 TO N COUNTY ROAD 17



Roadway Characteristics

Speed Limit: Ranges 40-60 mph

Number of Lanes: 4

Roadway Section: Two-way, not divided, two-way left-turn lane (TWLTL)

High Injury Network Intersection: State Highway 119

Roadway Alignment: Straight and curve

Presence of Sidewalks: No

Average Daily Traffic: Approximately 9,500 vehicles

Existing Conditions

This 6.7-mile segment of the AR 18 Bypass includes one of the top five High Injury Network (HIN) road segments in the West Region, and one HIN intersection. The segment begins in a rural area and then continues through the City of Manila. The portion of the segment within the City of Manila has numerous access points to businesses and intersecting minor streets. More than 50 percent of the crashes along this corridor were related to intersections. One serious injury pedestrian crash and one serious injury bicycle crash were reported on the corridor, likely due to the absence of sidewalks and crosswalks. All crashes involving a pedestrian or bicyclist occurred between dusk and dawn. Additionally, over 30 percent of all crashes happened between dusk and dawn.

Countermeasure Summary

The countermeasures identified for AR 18 Bypass between N County Road 17 and State Highway 77 are recommended to address intersection crashes, crashes involving pedestrians and bicyclists, and crashes that occur between dusk and dawn.

Countermeasure
Vulnerable Road User Countermeasures
Sidewalk Crosswalk Visibility Enhancements Pedestrian Refuge Median/Islands
Vehicular Countermeasures
Corridor Access Management Dedicated Turn Lanes Enhanced Curve Delineation General Pavement Markings Roundabout/Traffic Signal Warrants Safety Lighting T-Intersection Treatment Transverse Rumble Strips Wider Edge Lines
Other Countermeasures
Road Safety Audit