

7. MAIN STREET – S 17TH STREET TO S 11TH STREET



Roadway Characteristics

Speed Limit: 35 mph

Number of Lanes: 4

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

Roadway Alignment: Straight with S-curve

Presence of Sidewalks: Varies

Average Daily Traffic: Approximately 11,000 vehicles

Existing Conditions

This 0.47-mile segment of Main Street includes one of the top five High Injury Network (HIN) road segments in the East Region. This segment of Main Street includes an S-curve with clusters of crashes occurring along each curve and at intersections positioned immediately after the curve and within the curve. The corridor has a TWLTL running throughout, with numerous driveways and intersections along the entire length. Over 65 percent of crashes were reported as occurring at an intersection. Furthermore, over 25 percent of crashes in this corridor happened between dusk and dawn.

The sidewalk along this segment of Main Street is inconsistent, with sections missing, narrow, or overgrown with grass. Public comments have highlighted the need to replace these sidewalks with new ADA-compliant sidewalks.

Countermeasure Summary

The countermeasures identified for Main Street between S 17th Street and S 11th Street are recommended to address intersection crashes, crashes that occur along an S-curve, and crashes that occur between dusk and dawn.

Countermeasure
Vulnerable Road User Countermeasures
Crosswalk Visibility Enhancements Sidewalks
Vehicular Countermeasures
Convert TWLTL to Dedicated Left Turn Lanes Corridor Access Management Curve Design Improvements Dedicated Turn Lanes Enhanced Curve Delineation General Pavement Markings Raised Medians Retroreflective Backplates Roundabouts Safety Lighting Speed Reduction Pavement Markings at Curves