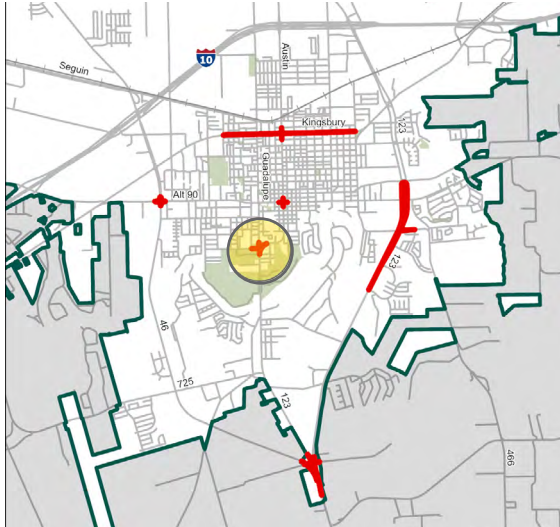


6 Intersection 6: Nelda St, Guadalupe St, and TX 123



➔ Observations

Intersection 6 is located between Nelda St, Guadalupe St, and TX 123. Located just south of Downtown Seguin and north of the Guadalupe River the intersection is surrounded by residential, recreational, and commercial land uses. This intersection is stop controlled with speed limits of 30 and 35 MPH. Nelda St and Guadalupe St are 2-lane undivided roads while TX 123 is a 4-lane road with a center turn lane. To enhance safety at this intersection it is recommended to add a roundabout.

➔ Crash History

Intersection 6 experienced a total of 22 crashes during the study period. From the 22 crashes, there were 3 KAB crashes: one fatal crash, one suspected serious injury, and one suspected minor injury crash. At this intersection the top contributing factor of crashes was 'Driver Inattention'; driver inattention contributed to 7 of the 22 crashes (32%).

➔ Recommendations

Recommendations for Intersection 6 are as follows:

- Install Roundabout
- Driveway Consolidation
- Install Sidewalks
- Upgrade Lighting
- High Contrast Lane Markings on All Approaches
- High Visibility Crosswalks

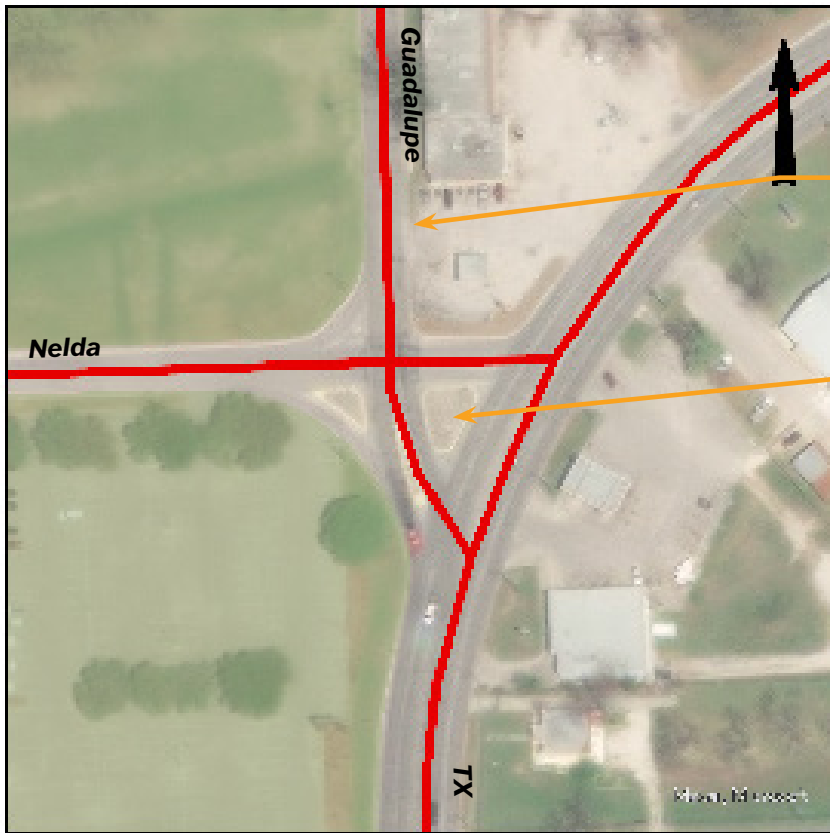


All recommendations are summarized in **Exhibit 21** and their CMFs are listed in **Table 19**.

TABLE 19: COUNTERMEASURE CRASH MODIFICATION FACTORS FOR INTERSECTION 5

ID	RECOMMENDATION	CMF ID	COUNTERMEASURE	CMF
6.1	Install Roundabout	11240	Conversion of Stop-Controlled Intersection to Mini Roundabout	0.8
6.2	Driveway Consolidation	9738	Presence of Driveway on an Intersection Approach Corner	0.79
6.3	Install Sidewalks	11246	Install Sidewalk	0.598
6.4	Upgrade Lighting	581	Illumination	0.73
6.5	High Contrast Lane Markings on All Approaches	11280	Install Contrast Pavement Markings	0.84
6.6	High Visibility Crosswalks	4123	Install High-Visibility Crosswalk	0.6

Intersection 6: TX 123, Nelda St, and Guadalupe



Driveway Consolidation



Install Roundabout



Install Sidewalks



High Visibility Crosswalks



High Contrast Lane Markings



Illumination



EXHIBIT 22: ROUNDABOUT SCHEMATIC DESIGN

