

Pedestrian Improvement Options

N Main St. at Hillcrest Place
“Brown Truck” Crossing

Kimley»Horn



Existing Treatments

- High visibility crosswalk striping
- Rectangular Rapid Flash Beacon (RRFB) + Pedestrian advance warning sign (W11-2) at the crossing
- In-median YIELD to pedestrian sign (R1-6)
- Detectable warning surfaces on curb ramps
- Enhanced surfacing (colored and stamped surface treatments for crosswalks)
- Overhead flashers – push-button activated (flash yellow)
- Advance YIELD markings on N Main Street







← Heading northbound on N Main Street

Heading southbound on N Main Street →



Interim Improvements

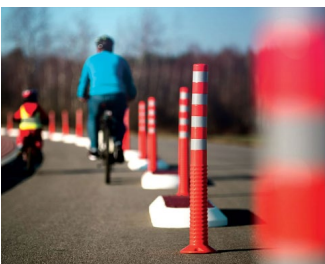
Note – costs provided here are for planning-level purposes based on information available at the time are not intended as a guarantee of actual construction costs



Enhance roadway lighting at the crosswalk location
~\$5,000 **Staff Recommends**



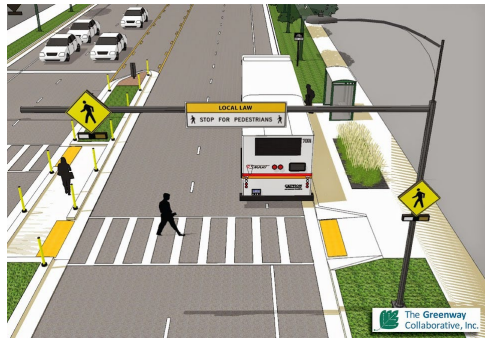
Enhance existing RRFB with double posted signs and flashers
~\$10,000 - \$25,000 **Staff Recommends**



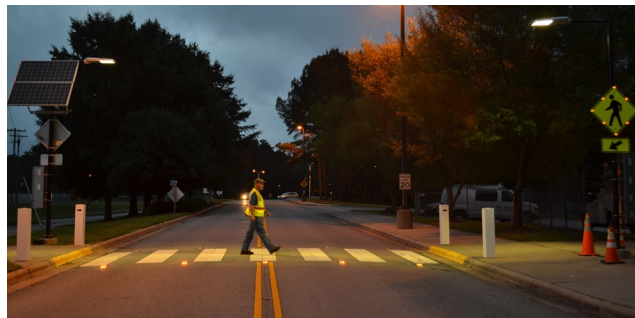
Flexible bollards within median
~\$2,500 **Not Recommended**



Concrete median refuge island with detectable warning surfaces **Staff Recommends**
~\$15,000



Replace existing overhead flashers with push-button activated overhead RRFB **Not Recommended at this time**
~\$ 20,000 - \$50,000, but mast arm could increase costs



In-pavement lighting – push-button activation
~\$10,000 **Not Recommended at this time**

Potential Future Considerations

Option 1: Z-crossing with RRFB System or in-pavement lighting to allow for a larger refuge and to position pedestrians to face conflicting traffic within the median

~\$35,000 - \$65,000



Option 2: Full traffic signal with stop bars (if warranted) with an exclusive pedestrian phase

~\$250,000 - \$350,000 (plus cost of utility relocations)



Summary

- Enhanced Lighting - \$5,000
 - Enhance existing RRFB - \$25,000
 - Refuge Island - \$15,000
 - Estimated total - \$45,000
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- Evaluate feasibility and additional alternatives as part of greater Main Street Corridor Study.

