

Traffic Calming Subcommittee – Budget/Program Information

1. Example Improvement Costs

Improvement	Average Cost
Rectangular Rapid Flash Beacon (RRFB)	\$20,000
Driver Speed Feedback Board	\$20,000
Continental Crosswalk & Ped Signs - 2 Lane Street	\$5,000
New Midblock Crosswalk - Simple	\$15,000
Speed limit Reduction –Signage	\$1,500
Green Marking for Bike Crossing	\$11,000 (\$25/sqft)
Pedestrian Island	\$8,000
Curb Extension	Varies depending on storm sewer inlets. \$5,000 to \$50,000
Traffic Circle	\$8,000
Speed Hump	\$7,000
Bus Pad	\$2,000
Sidewalk - Simple Street, Done with reconstruct	\$40 per linear foot
Sidewalk - Simple Street, Infill	\$75 per linear foot
Sidewalk - Complicated Grades/Stormwater, Infill	\$275 per linear foot
Painted Bike Lane – One Block, Both Sides	600' of two lines = \$2,400 (\$2/ft)

2. Draft 2021 Capital Budget –Engineering and Traffic Engineering (Links at bottom for additional information)

Engineering Capital Budget Programs

1. Neighborhood Traffic Management & Pedestrian Improvement Program - \$350,000
 - Improvements for traffic and pedestrian safety on local streets to reduce traffic speeds and improve pedestrian safety.
2. Pedestrian Bicycle Enhancements - \$243,000
 - Improvements to improve safety and convenience for people walking and biking and increase mode share of non-motorized transportation.
3. Safe Routes to School - \$100,000
 - Improvements in school area to increase safety and convenience for children walking and biking and decrease conflict between all modes.
4. Bikeways Program - \$650,000
 - Resurfacing paths
 - Bicycle-related improvements such as small gaps in network, path lighting, funding to start larger Capital path projects
5. Sidewalk Program - \$3,200,000
 - Repair defective sidewalks and provide consistent maintenance to ensure safe conditions and reduce chance of injury. Each year 2-3 aldermanic districts are the focus for repairs.

- Small stand-alone sidewalk infill projects where there are gaps in the sidewalk network
 - Concrete bus pad additions
 - Repair and replacement of tree grates.
6. Safe Routes Grants - \$100,000
 - Grant program for property owners to provide 50% of an owner's sidewalk assessment for new installations to assist residents. Includes projects that install sidewalk adjacent to an existing street where the right of way was annexed prior to 1981 or where the properties were developed prior to be annexed to the City. The project must also be allocated in an area where the frontage is at least 70% single family or two family dwelling units.
 7. Bridge Repair - \$250,000
 - Repair, replacement and painting of bridges to maintain a safe condition.
 8. Pavement Management - \$26,381,000
 - Program for street resurfacing and repair, crack sealing and chip sealing on existing streets to extend the life of existing streets.
 9. Reconstruction Streets - \$17,730,000
 - Program to replace deteriorated streets to maintain neighborhood roadways.

Traffic Engineering Capital Budget Programs

1. Traffic Safety Infrastructure - \$50,000
 - Equipment to test new traffic patterns before permanent installation and support emergency response.
2. Vision Zero - \$500,000
 - Countermeasures that reduce the severity and frequency of crashes to reach zero deaths or serious injuries by 2030.
3. Street Light Installation - \$610,000
 - Improvements to outdated street lighting systems
 - Refurbish/repaint old poles, fixtures and other equipment
 - Installation of new street lights
4. Traffic Safety Infrastructure - \$50,000
 - Traffic control devices used in the design for the local share of the State Highway Hazard Elimination Program, signs and traffic safety studies
5. Traffic Signal Installation - \$825,000
 - Replacing and modernizing the traffic signal network.

Full Details at:

- [Engineering – Bike and Pedestrian](#),
- [Engineering – Major Streets](#) and
- [Traffic Engineering](#).