

City of Bend
Neighborhood Street Safety Toolbox

Item	Description	Cost	Example
ADA Ramps	2 ADA ramps, no marked crossing	\$8,000	
Crosswalk Type 1 - Basic (Paint and Sign Only)	Mark and Sign existing ADA ramps (one side); existing light	\$1,000	
Crosswalk Type 1- Basic	Build 2 ADA ramps, 1 street light, mark and sign 1 crossing	\$25,000	
Crosswalk Type 2 - Curb Extension	Basic plus 2 curb extensions for 1 crosswalk	\$90,000	Broadway/ Delaware at Jacksons Corner
Crosswalk Type 3 - Median	Basic plus center median for 1 crosswalk	\$80,000	Neff/ Williamson
Crosswalk Type 5 - Median and RRFB	Basic with Median plus RRFB for 1 crosswalk	\$150,000	3rd/ Roosevelt
Directional islands: median island, turn movement control island, and cul-du-sac	Raised island to restrict turns	\$30,000 - \$85,000	median barrier - Olney at 5th, directional island - 8th at Kearney
Education - Safety Message	Create safety tip media brief for distribution and webpublishing	\$500	
Education - Newspaper Ad	Create safety tip media brief for paper x 7 days	\$2,500	
Education - Slow Down Signs	100 Temporary signs and wire stands (18 x 24)	\$600	
Enforcement Targeted	PD traffic patrol provided as coordinated with identified crash history and schedules allow	\$0	
Gateway - entry island or median island, landscaping/fence ADD Package	Varies - raised island or midblock median island on local street at arterial	\$30,000 - \$85,000	Braeburn(private) & Century Drive
Intersection - Traffic Circle	Center circle at 2 way stop	\$30,000	6th & Seward
Intersection Mini Roundabout	small, compact roundabout at 2 way or 4 way stop on collector	\$250,000	
Landscaping	entry corner or corridor treatment	\$2000 - \$5000	
Legends - bike symbol	each	\$800	
Legends - sharrow	each	\$800	
Legends - stop bar	each	\$800	
Narrow Roads: Curb extensions choker, chicaine, median Island, gateway island		\$50,000 - \$80,000	Morningwood to McClain (choker, alternating curb extensions), Alex Place (curb extensions), Spring Water Place (curb extensions)
Neighborhood Speed Radar - Moveable	sign up for rotating list	\$0	City existing fleet of 8 radar signs (\$6K each)

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Item	Description	Cost	Example
School Zone Crosswalk(Type 6) - Raised Concrete	Used at school crossing only	\$60,000	Silver Rail Elementary, Skyview Elementary
School Zone Flashing Beacons	on arterials or collectors	\$20,000	
Sidewalk Infill- half mile or less	5 ft sidewalk - 2680 feet	\$300,000	
Signs - Stop Sign Not included in Program	Stop signs are not used for speed control and are not part of this program; stop sign requests evaluated separately as part of CSR program	n/a	
Signs - Speed Limit	speed signs (2) - used only at main entrance to subdivision from street with speed over 25 mph;	\$700	
Signs - Various Set of 2	set of 2 standard signs	\$700	
Street Light	1 street light	\$8,000	
Striping Bike Lane, Bike Buffer, Parking lane	1 mile striping; set of 2 new lines; centerline on collectors or arterial	\$25,000	
Vegetation Trim or Removal	Trim or remove vegetation in the Right of Way to improve sight distance	\$500 - \$3000	
Vertical Device: Speed Humps Set of 4	Installed only on local street Neighborhood Greenways only and where 85%ile speeds are above	\$20,000	15th Street (Simpson to Galveston), or 6th Street Greenwood to Seward

Note: Applicability of tools for a specific street will be reviewed by traffic engineer as part of project evaluation and will consider site specific characteristics; maintenance; emergency response; and City, ODOT, and industry standards of design. Innovative tools not listed may be considered with engineering approval.