

# 55th Street Alternatives Considerations

	Existing Conditions	ALTERNATIVE: Speed Cushions	ALTERNATIVE: Chicanes
<b>Vision Zero</b>	Traffic crashes with higher speeds are more likely to result in serious injuries or fatalities and can also reduce the travel comfort and security of people walking and bicycling.	Motor vehicle speeds reduced. Reduced potential for serious injuries and fatalities from traffic crashes. Increases comfort and security of people walking and bicycling.	Motor vehicle speeds reduced. Reduced potential for serious injuries and fatalities from traffic crashes. Increases comfort and security of people walking and bicycling.
<b>Travel Mobility</b>	No impact	Motorists and cyclists required to navigate through five speed cushions. No impact to people walking.	Motorists and cyclists required to navigate through four pairs of chicanes. No impact to people walking.
<b>Speed Reduction Target Speed</b>	85th Percentile Speed: 35 mph	Speed reduction is dependent on the number and spacing of speed cushions. Target speed: 25 mph	Speed reduction is dependent on the horizontal curve design and number of chicanes. Target speed: 25 mph
<b>Transit Operations</b>	No impact	Minimal impact	Minimal impact
<b>Driveways, Alleys, Parking</b>	No impact	Reduced parking by two parking spaces on east side of 55th Street to accommodate buffered bike lane and improve driveway sight distance.	Reduced parking by two parking spaces on east side of 55th Street to accommodate buffered bike lane and improve driveway sight distance.
<b>Vehicular Sight Distance</b> <i>from Minor Street to Oncoming Vehicles on Major Street</i>	No impact	No impact	Potential impact if vegetation is incorporated into islands. Consider street lighting.
<b>Emergency Route Impact</b>	No impact	Least impact on response time.	Minimal impact on response time (maintains minimum 12' clear path).
<b>Floodplain</b>	No impact	No impact	Floodplain mitigation required with improvements.
<b>Noise</b>	No impact	Some noise from braking, acceleration, and traversing.	No impact
<b>Private Property</b>	No Impact	No impact	No impact
<b>Maintenance</b>	No impact	No impact	Some impact
<b>Visual Impact Street Character</b>	No impact	Some change to aesthetic character of street.	Significant changes to character of street (more so with vegetation). Shown to change driver's visual perception.
<b>Cost</b>	None	\$2,500 – \$6,000 (Each) \$12,500 – \$30,000 (Total)	\$10,000 – \$25,000 (Each) \$50,000 – \$125,000 (Total)