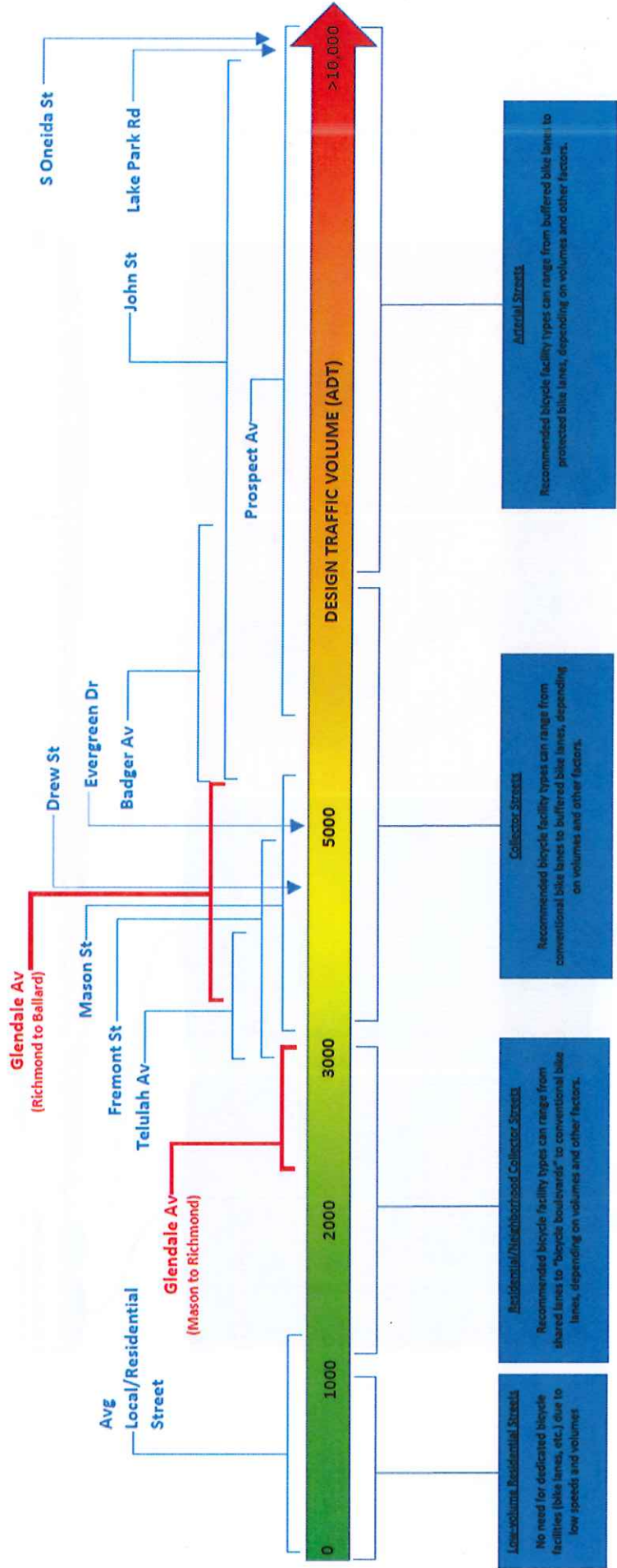
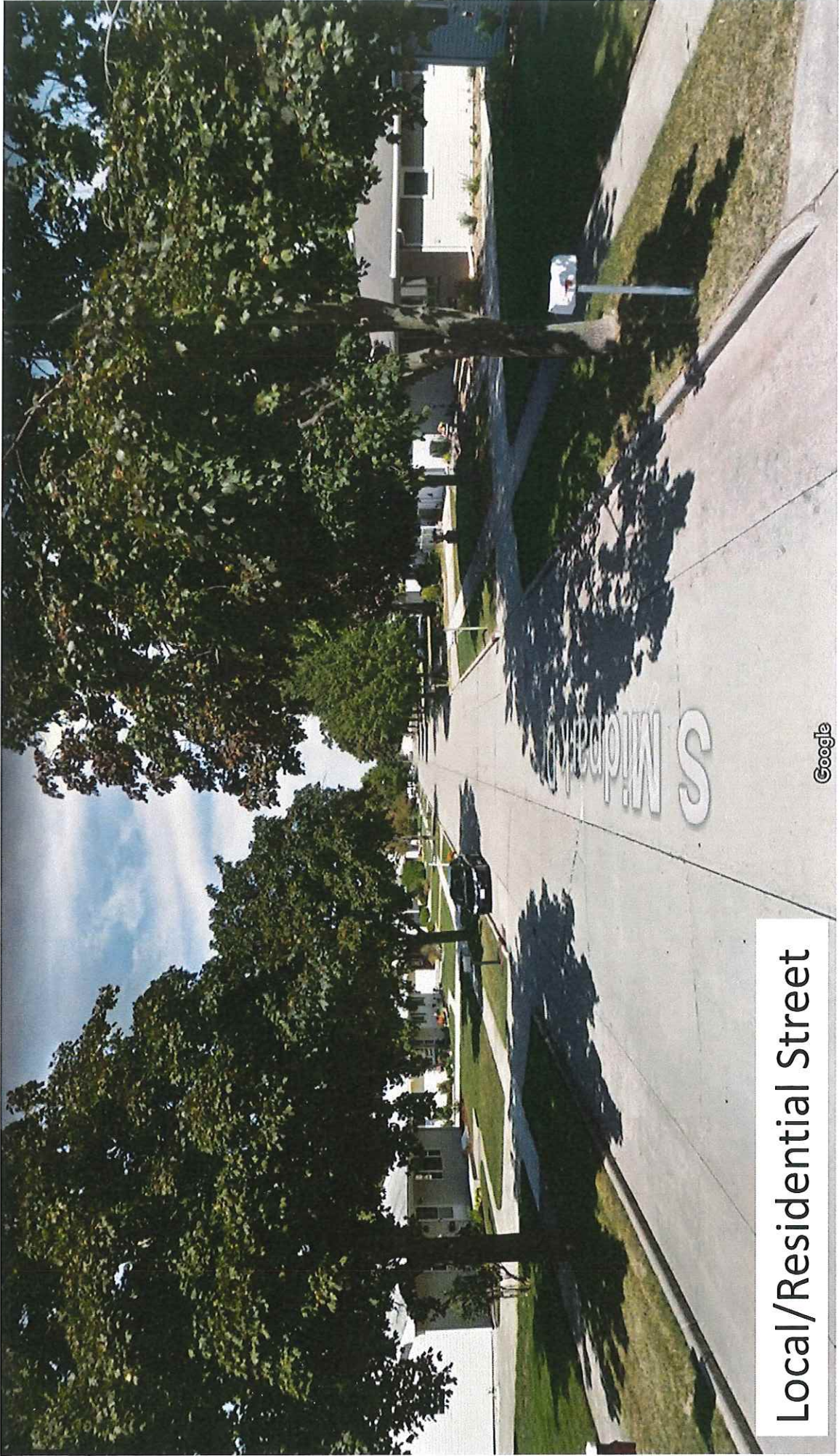


0 PERCENT OF BIKE RIDERS
 SOURCE: JENNIFFER DILL, "FOUR TYPES OF ENJOYERS," AUGUST 11, 2015

Recommended Bicycle Facility Types by Traffic Volume

25/30 mph Posted Limit

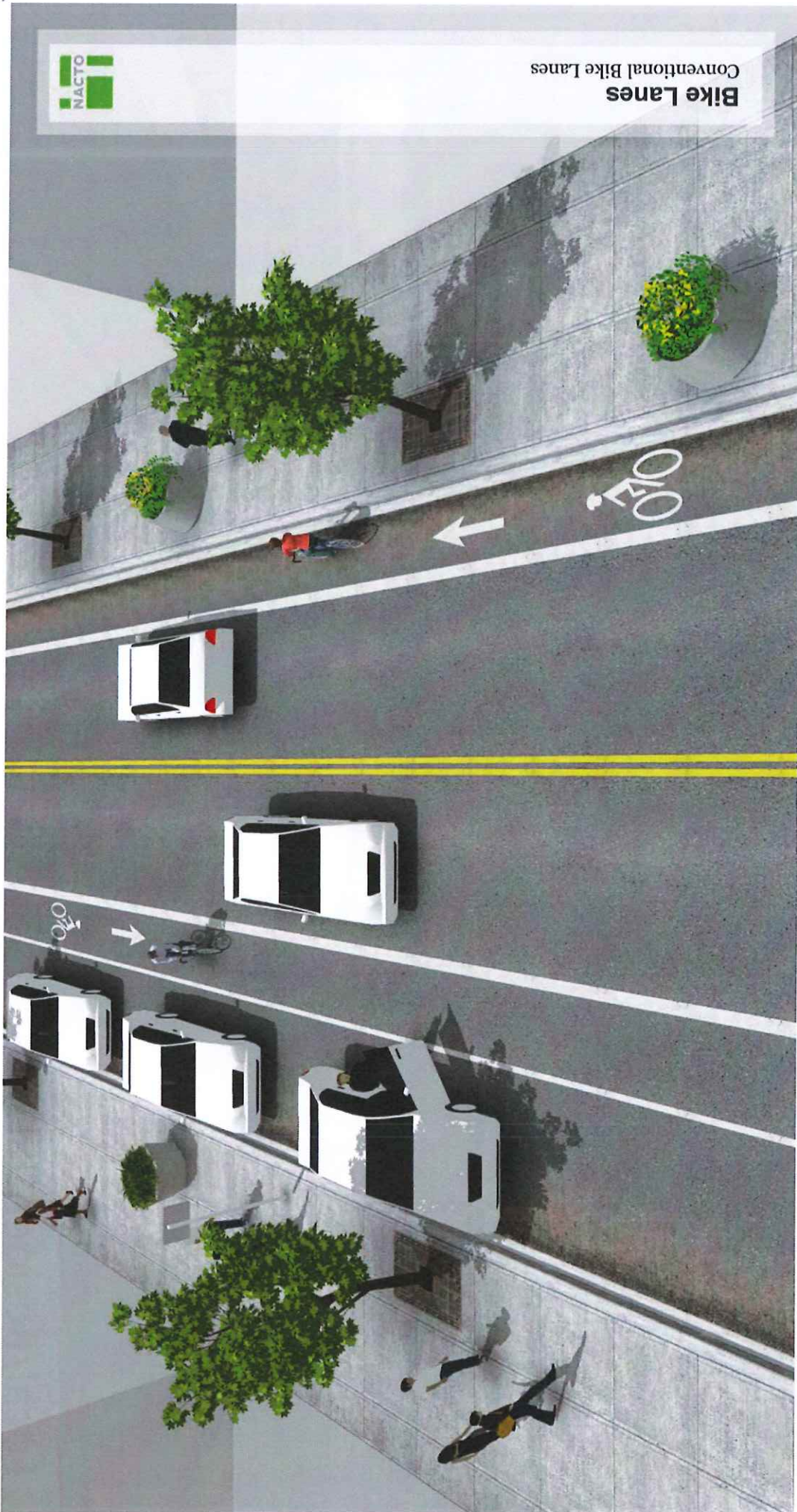


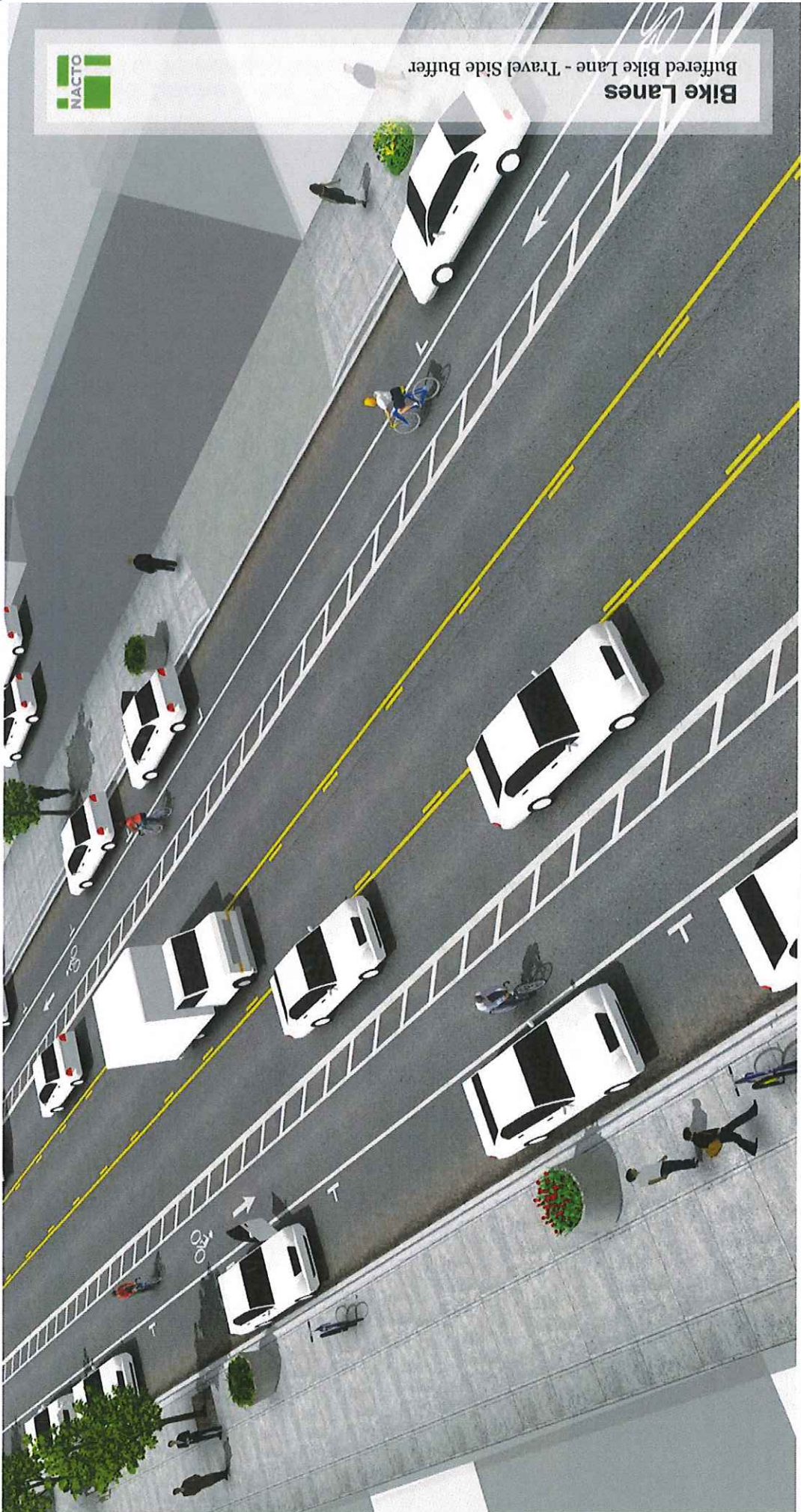


Local/Residential Street

Bike Lanes

Conventional Bike Lanes





Bike Lanes

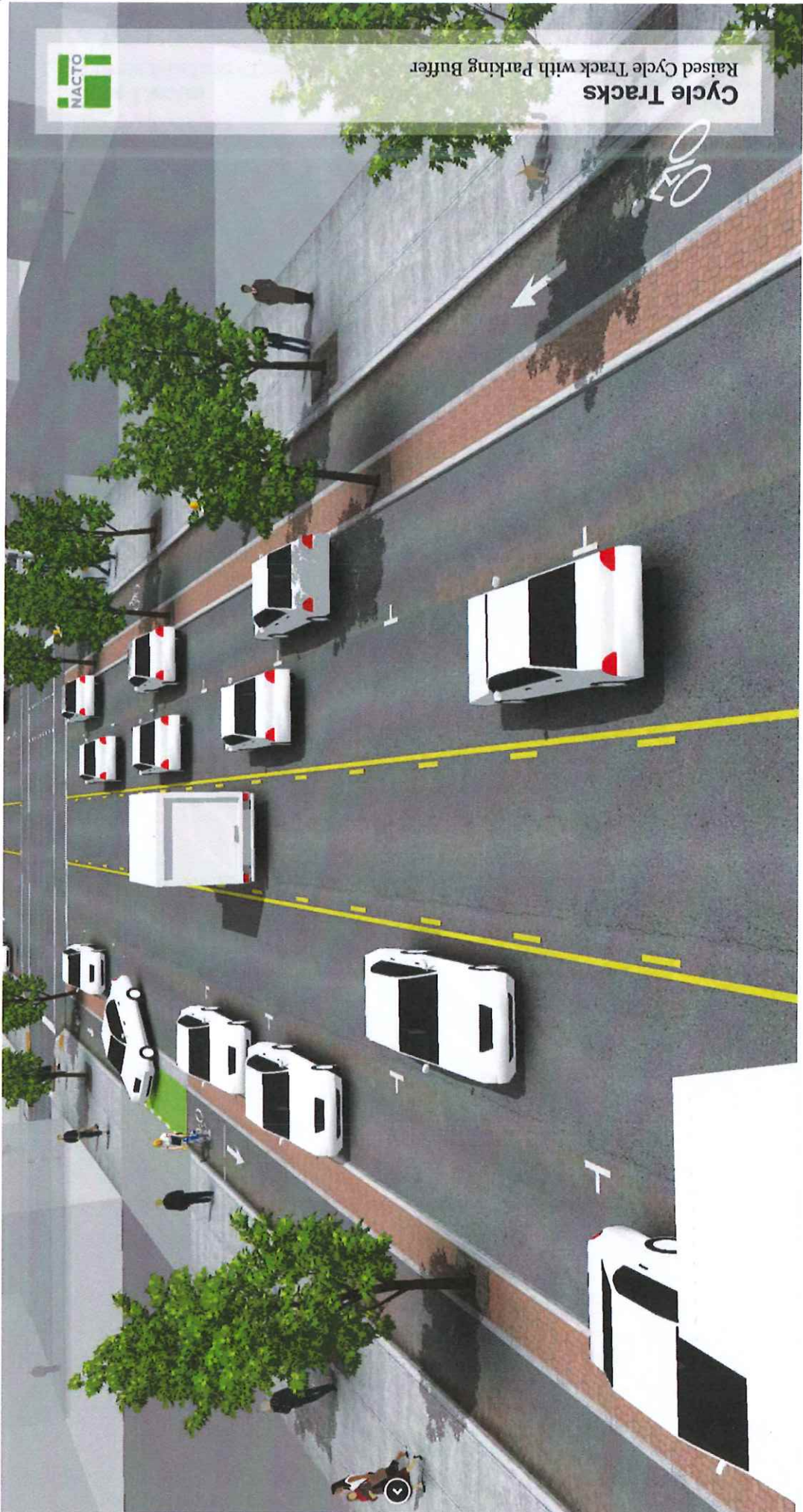
Buffered Bike Lane - Travel Side Buffer





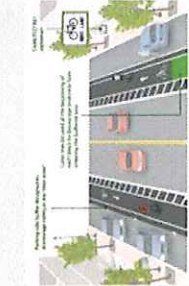
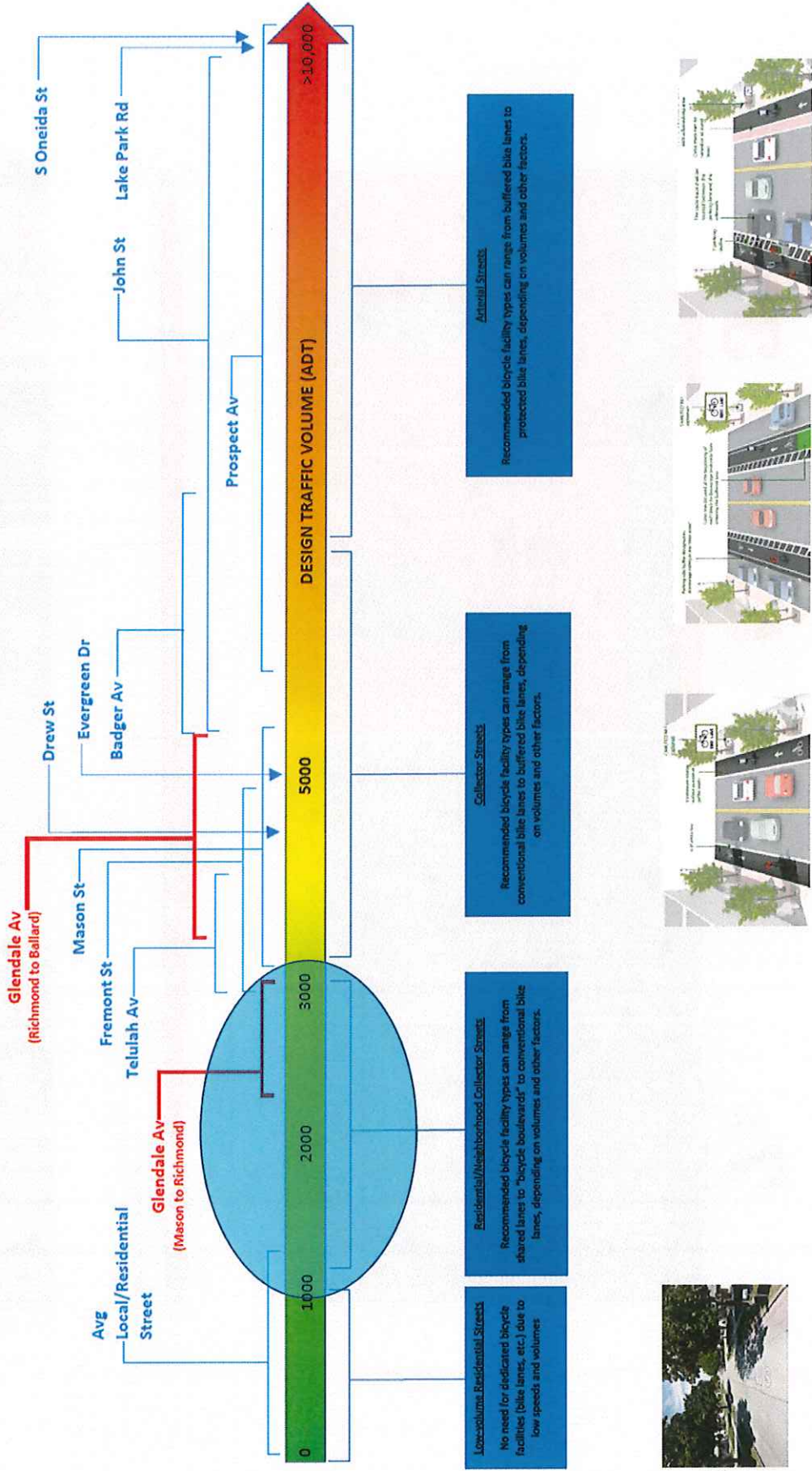
Cycle Tracks

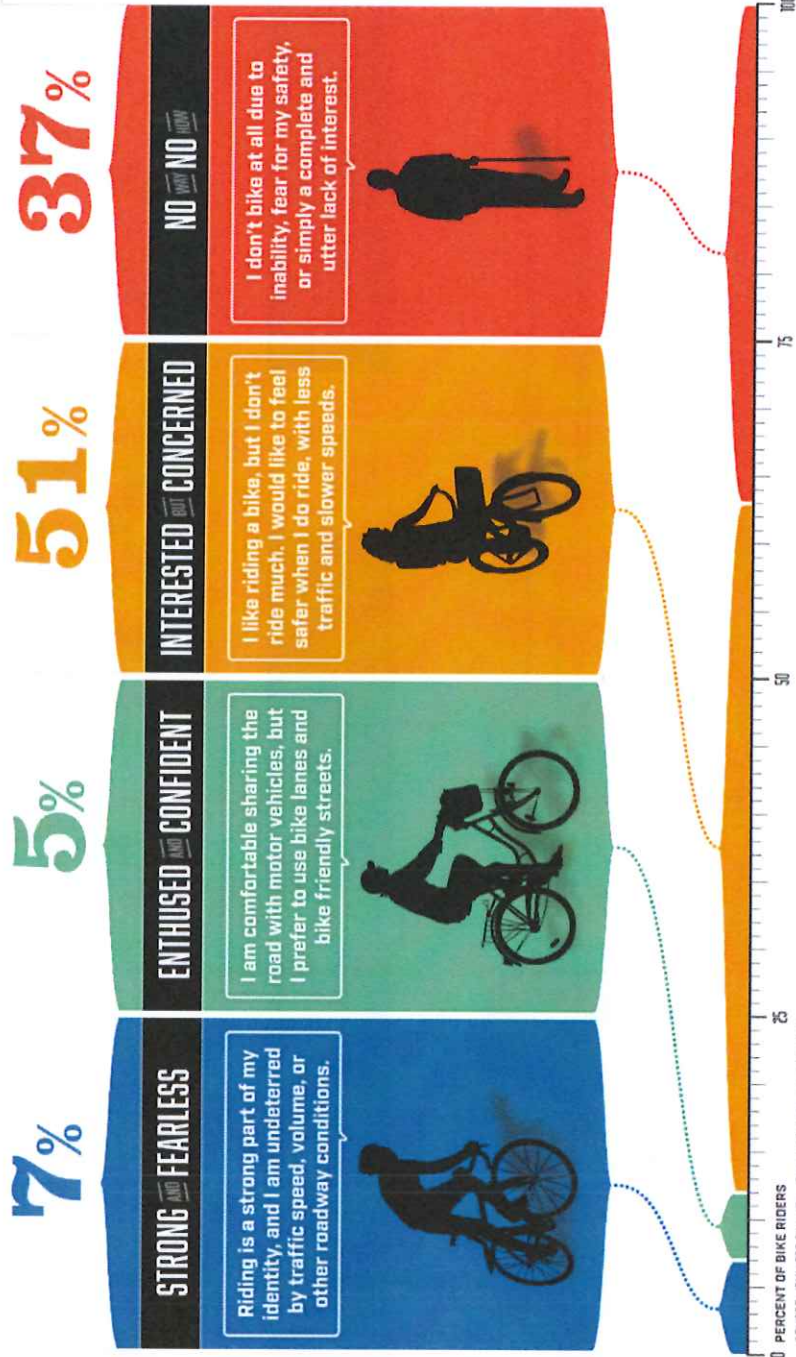
Raised Cycle Track with Parking Buffer



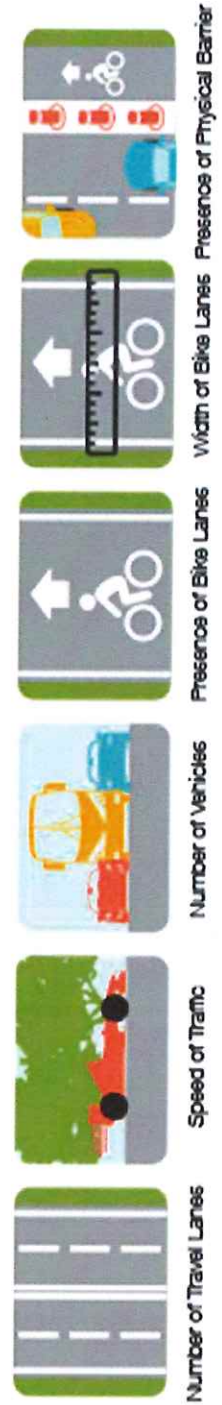
Recommended Bicycle Facility Types by Traffic Volume

25/30 mph Posted Limit



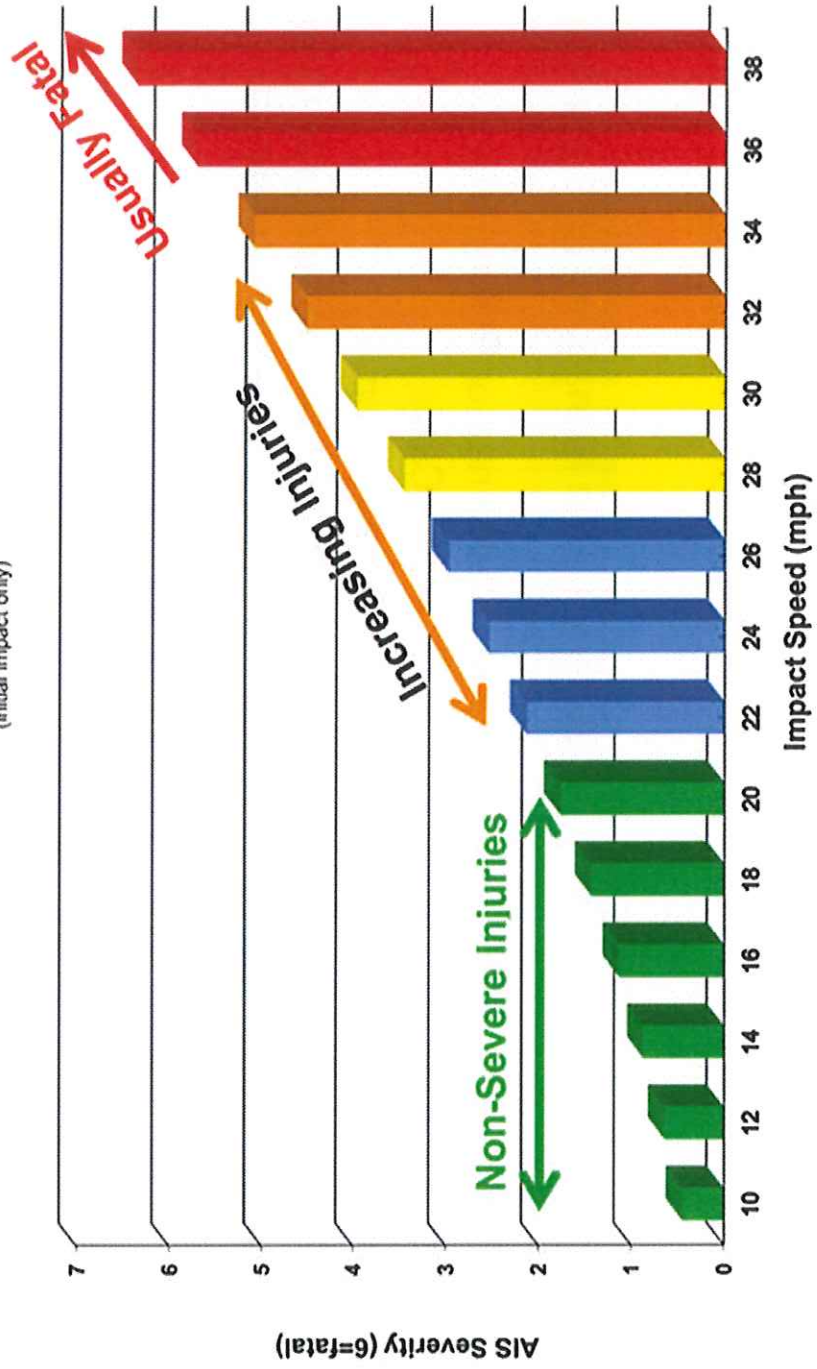


PERCENT OF BIKE RIDERS
SOURCE: BETWEEN 2011-2014, YOUR TRIP BY CYCLE, AUGUST 11, 2015



Vehicle Impact Speed vs. Pedestrian Injury

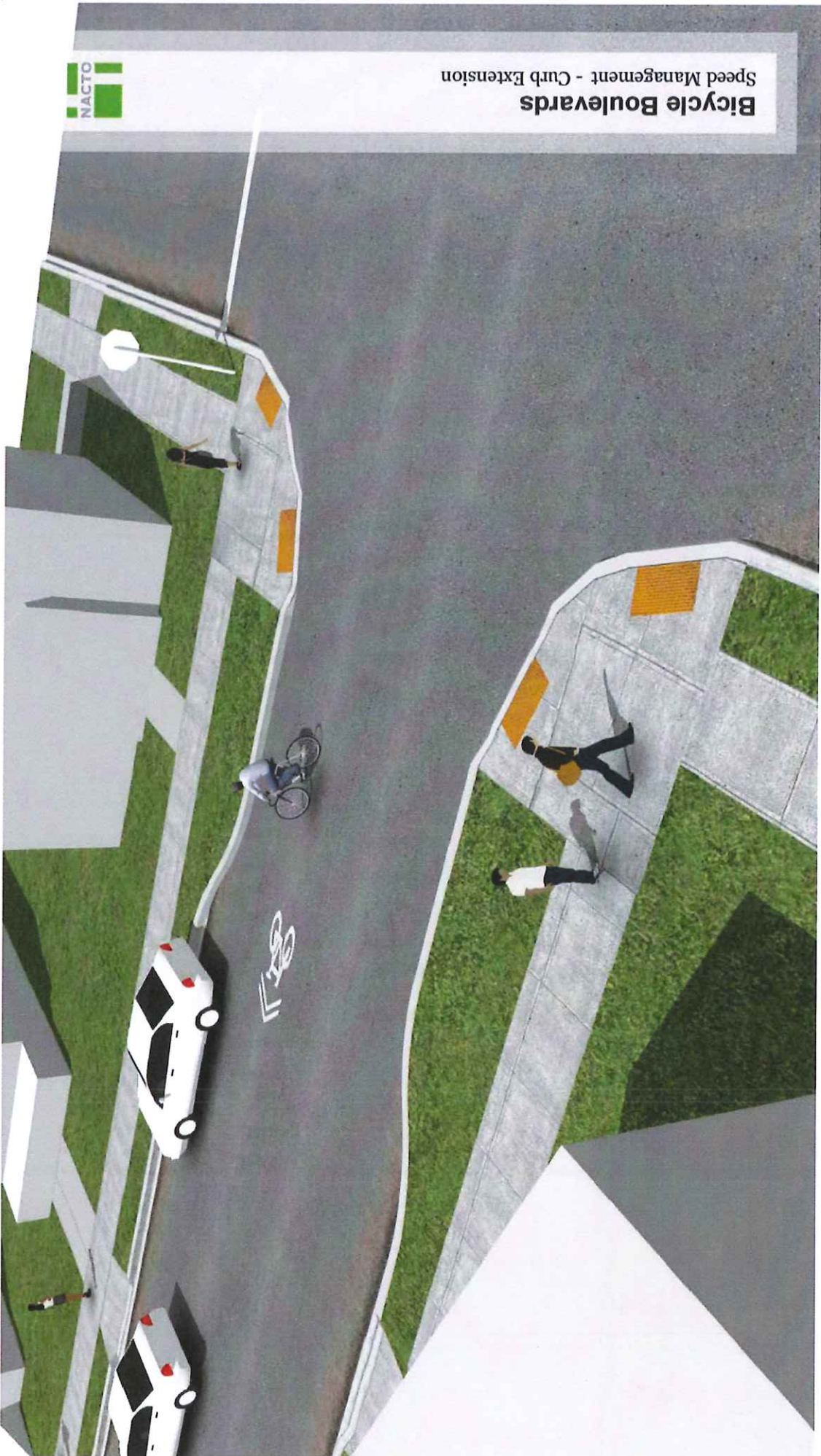
(initial impact only)



Passive Traffic Control Devices	Active Traffic Management Techniques
<ol style="list-style-type: none">1. Stop Sign2. Speed Limit Sign3. School Sign4. Yield Sign5. Crosswalk	<ol style="list-style-type: none">1. Pedestrian or Refuge Island2. Traffic Circle3. Speed Hump4. Full or partial road closures (Semi-diverters/Diverter/Cul-de-sac)5. Chicanes.

**Horizontal
Deflection**
(Drive around things)

Bicycle Boulevards Speed Management - Curb Extension

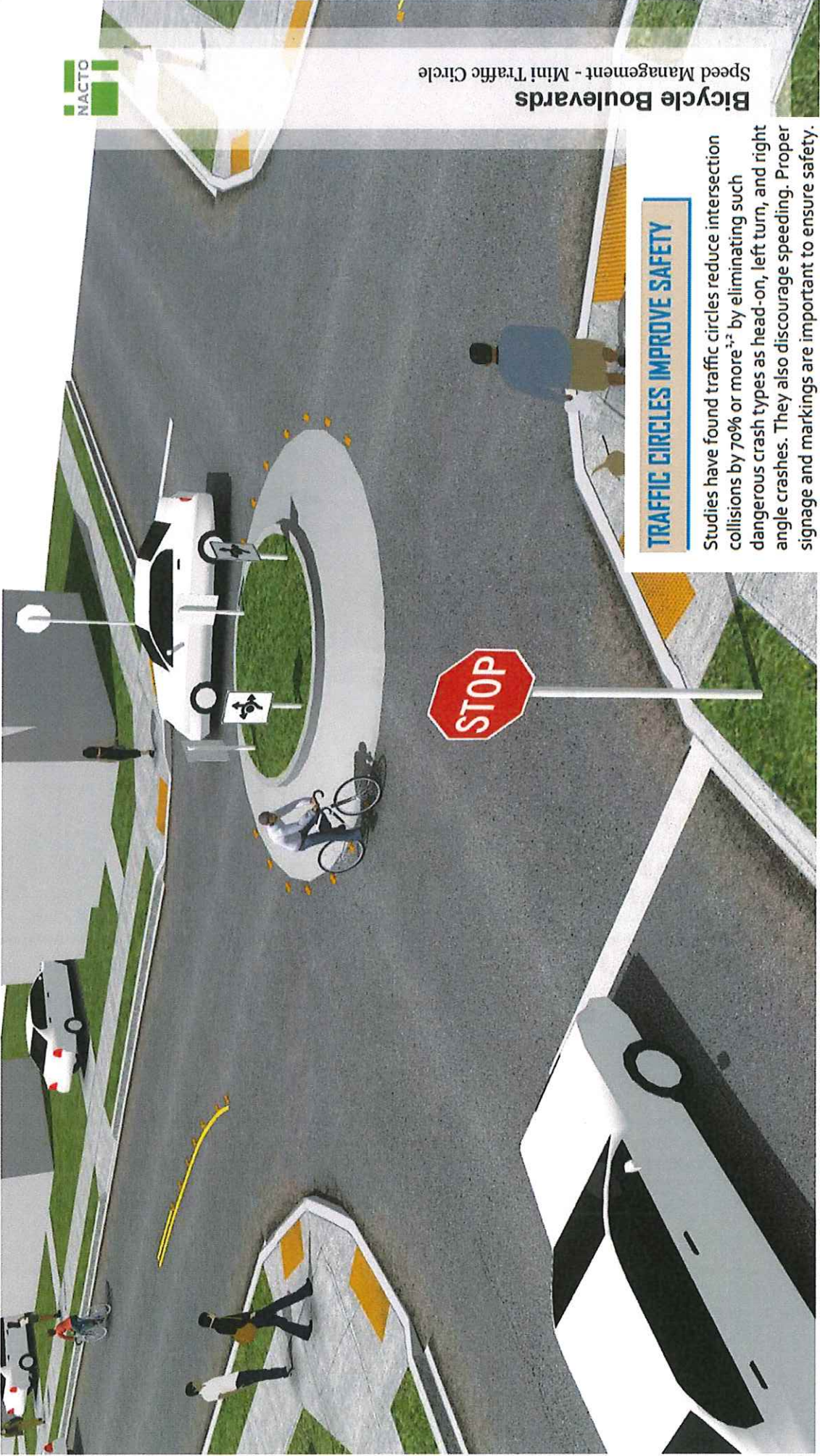




Raised Median Island
John St at Emmers St

Bicycle Boulevards Speed Management - Pinchpoint





TRAFFIC CIRCLES IMPROVE SAFETY

Studies have found traffic circles reduce intersection collisions by 70% or more³² by eliminating such dangerous crash types as head-on, left turn, and right angle crashes. They also discourage speeding. Proper signage and markings are important to ensure safety.

Bicycle Boulevards

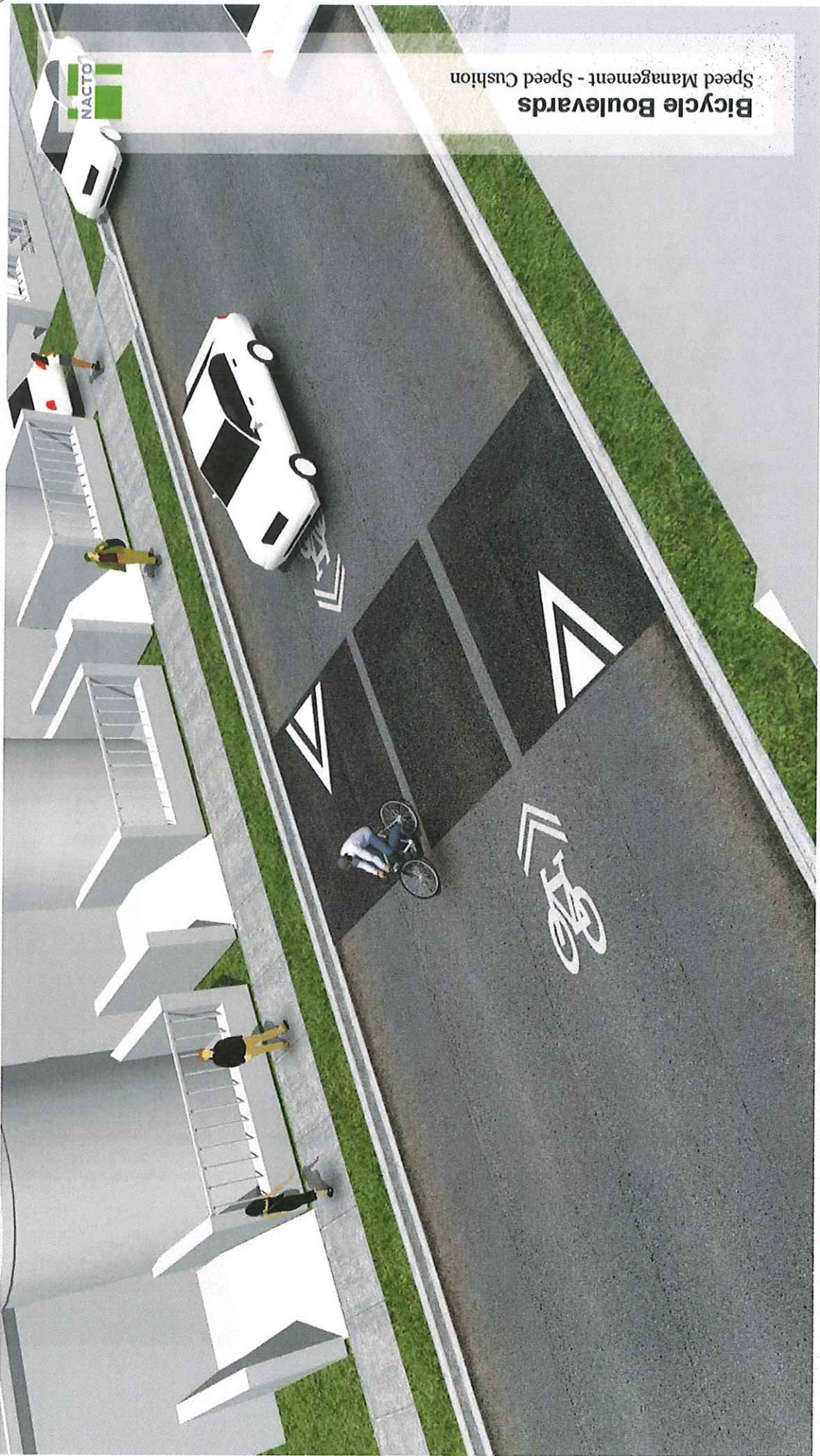
Speed Management - Mini Traffic Circle

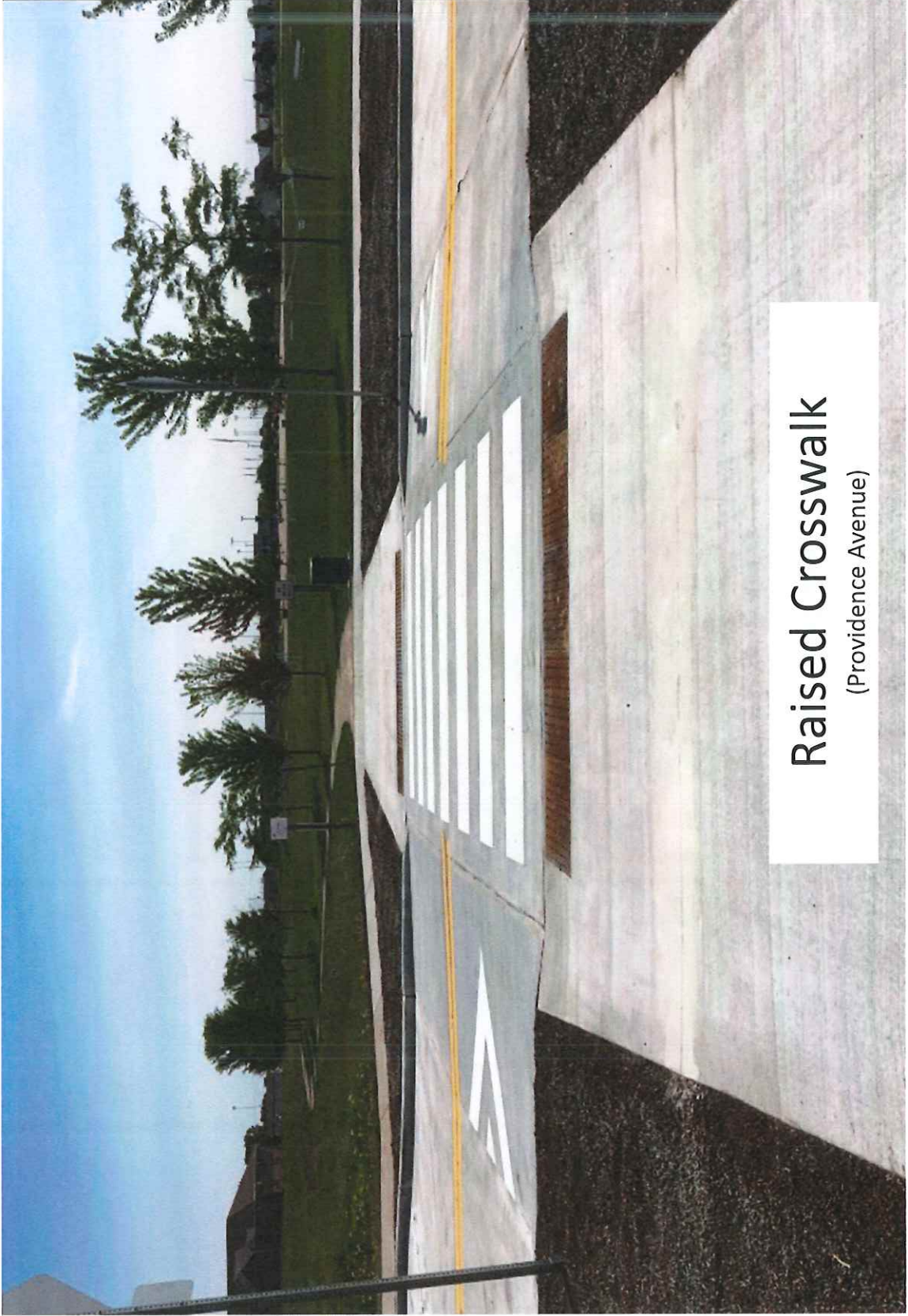


Vertical Deflection

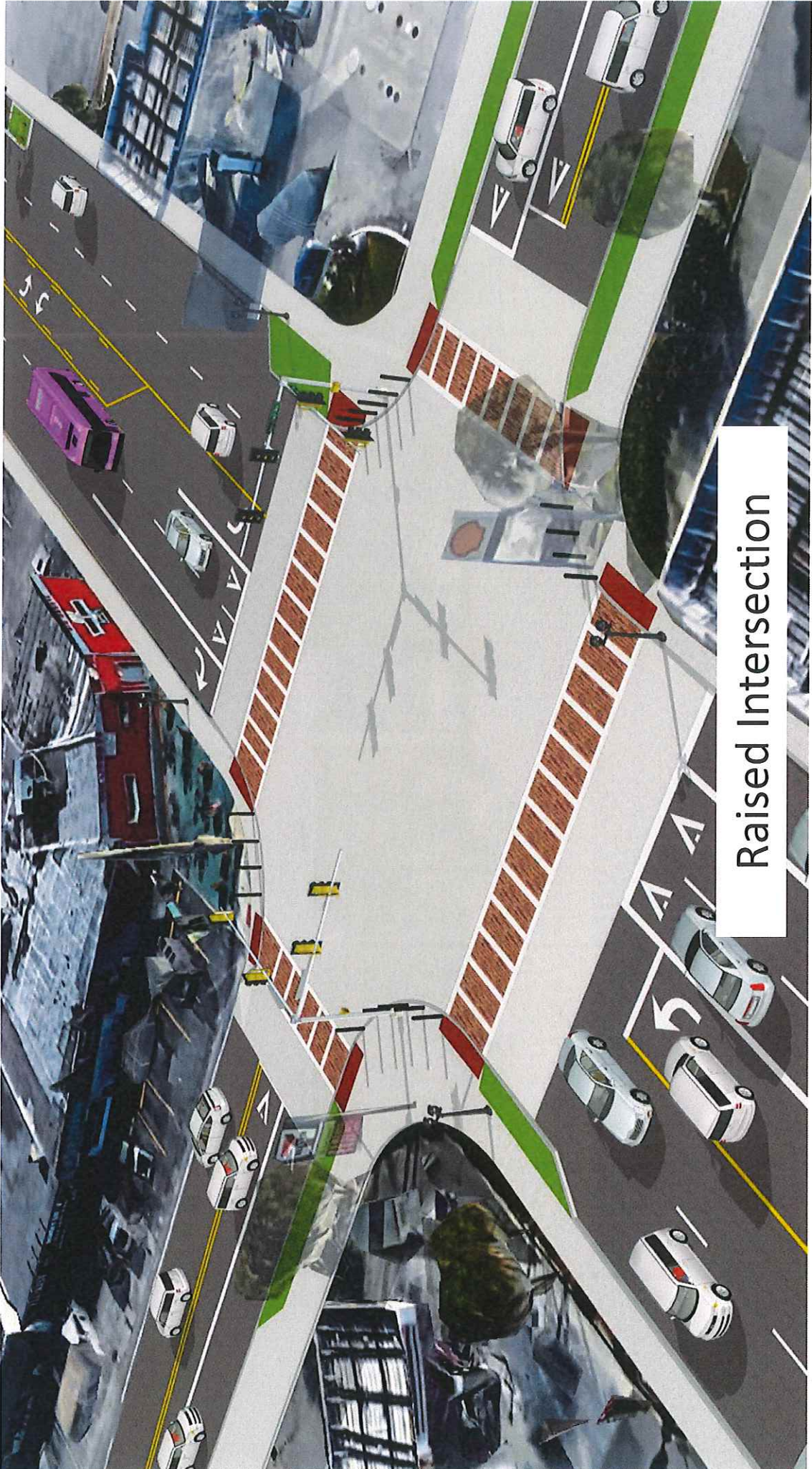
(Drive over things)

Bicycle Boulevards Speed Management - Speed Cushion

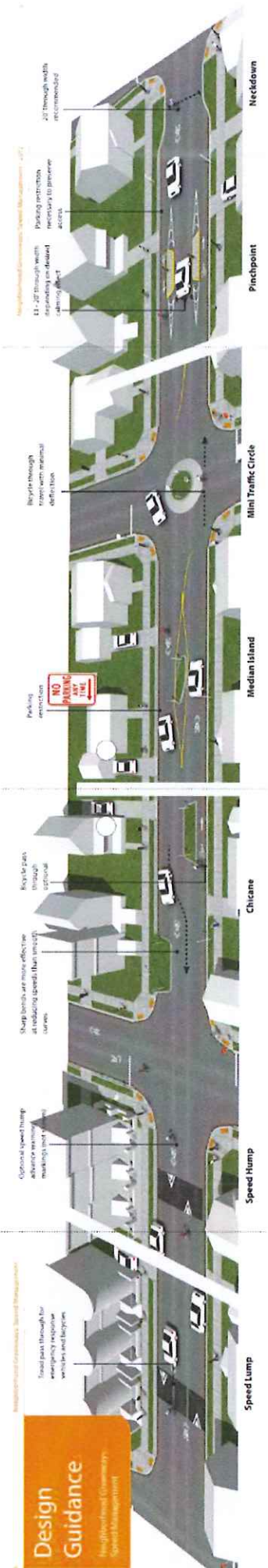




Raised Crosswalk
(Providence Avenue)

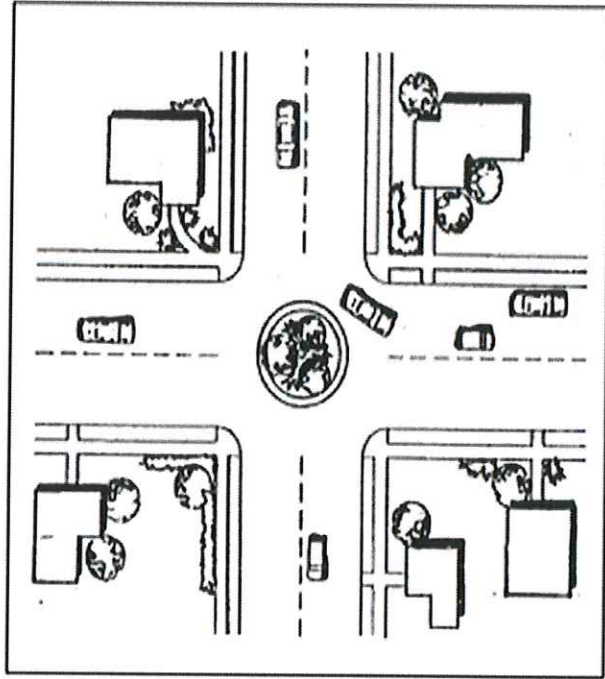


Raised Intersection



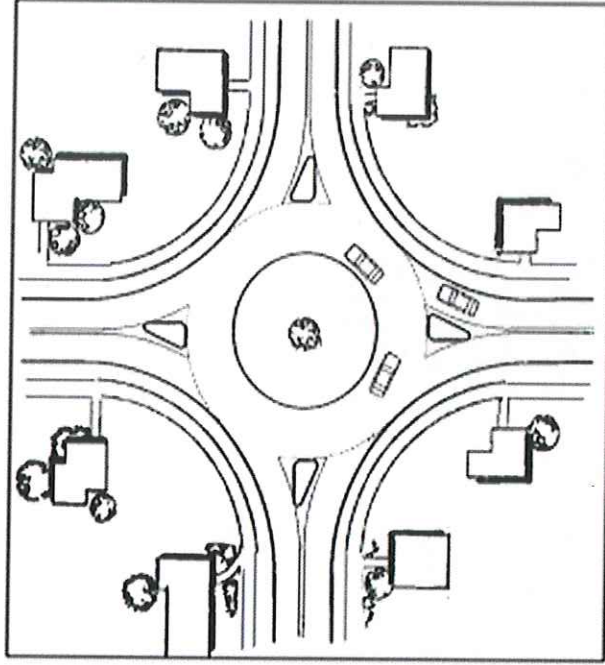
Neighborhood Community Speed Management

Traffic Circle

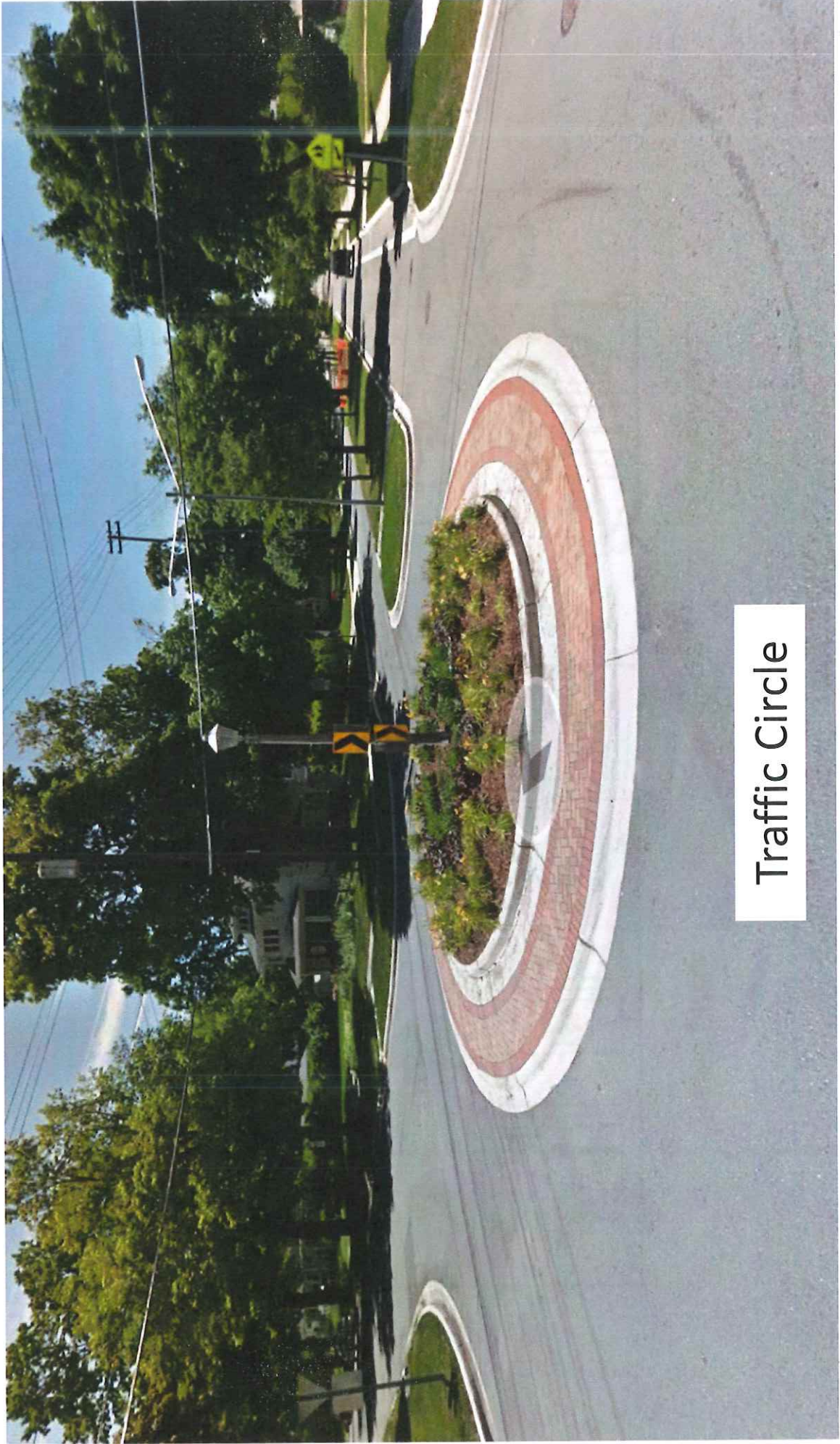


Source: Institute of Transportation Engineers' Traffic Calming – State of the Practice

Roundabout



Source: Institute of Transportation Engineers' Traffic Calming – State of the Practice



Traffic Circle



Traffic Circle

Traffic Circle



Traffic Circle Demonstration Project