

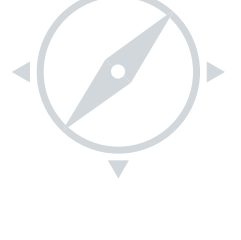
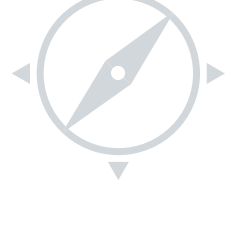
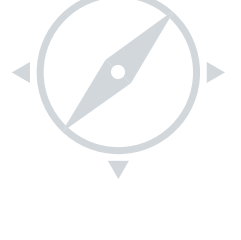





### TRANSPORTATION GUIDING PRINCIPLES

We believe in...

-  Improving transportation safety for **all users**. (Goal 3)
-  Providing a high-quality transportation network that provides **equitable access to opportunities** for all users. (Goals 1 and 3)
-  Supporting great street design that **respects neighborhood identities** and **promotes community investment**. (Goals 2 and 4)
-  Improving network resiliency through **increased connectivity, green infrastructure, and enhanced multimodal connections**. (Goals 3 and 4)
-  Exploring innovative ways to meet the city's current and future needs, including **transportation technology, shared mobility, and alternative funding mechanisms**. (Goals 1 and 5)
-  Creating a connected multimodal network that **improves travel choice** and **increases the share of Columbians who choose to bike, walk, or use transit for their daily travel**. (Goals 2 and 3)

### ENVISION COLUMBIA GOALS

- #1** Grow opportunities for entrepreneurship, business development and a skilled workforce to achieve a healthy economy.
- #2** Connect the City's neighborhoods and business districts through cohesive land use, infrastructure development, and transportation planning.
- #3** Foster a healthy quality of life focusing on safety, culture, and recreation.
- #4** Collaborate and partner with entities within the Midlands region to become the state's prime destination for residents, visitors, and businesses.
- #5** Provide high quality municipal services, effectively, efficiently, and responsively.





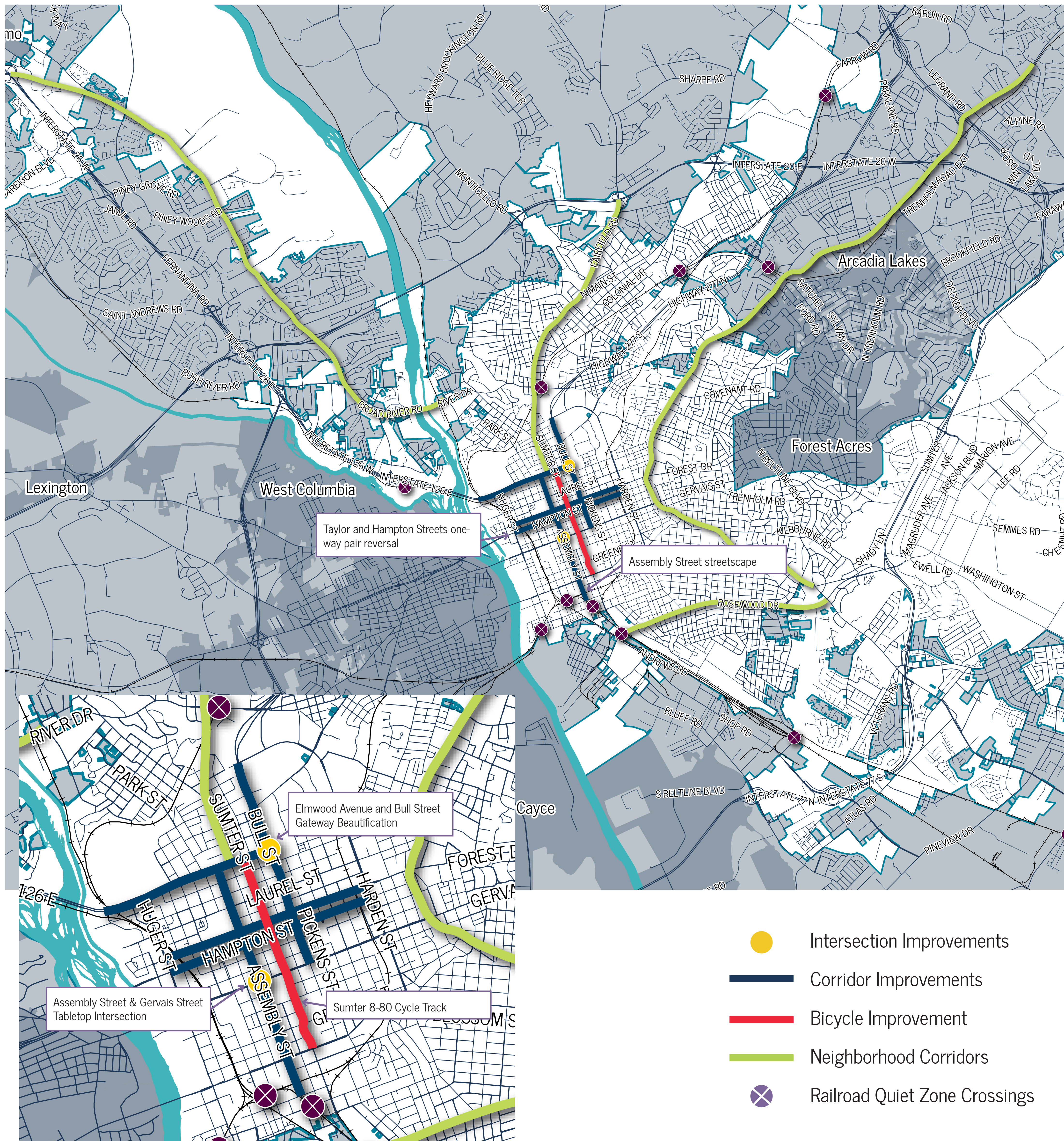
# Columbia COMPASS

Envision 2036

# TRANSPORTATION

## KEY IMPROVEMENT LOCATIONS

### CURRENT AND PROPOSED IMPROVEMENTS





## WHAT IS TRAFFIC CALMING?

Traffic Calming is a method of physical street design intended to slow traffic speed, discourage unnecessary cut-through traffic, and overall alter driver behavior to encourage safer travel. The intent is to improve safety for all users, preserve neighborhood character, and enhance overall street design and aesthetics.

## WHAT ARE THE BENEFITS?

Pedestrians, bicyclists, children, people with disabilities and senior citizens are some of the most vulnerable roadway users. By slowing speeds, we make our roadways less dangerous for these groups, and make walking and bicycling more comfortable for all. Slower travel speeds also improve quality of life in our neighborhoods, and many design treatments include landscaping and greenery to improve street aesthetics.

Traffic Calming has proven **MORE EFFECTIVE** in preventing child pedestrian injuries than road safety education.

-American Journal of Public Health

## DID YOU KNOW...

# 1/3

Speeding contributes to 1/3 of all fatal crashes

# 50%

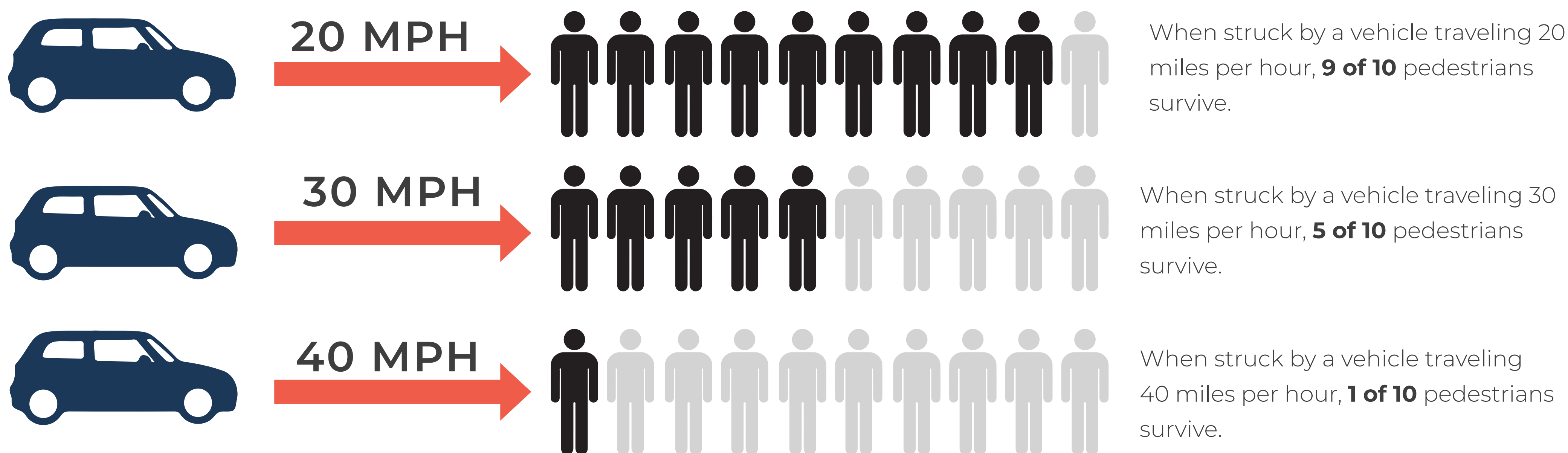
Half of all people who die on roads are pedestrians, cyclists or motorcyclists

# ↓30%

A 5% drop in average speed can result in a 30% reduction in the number of fatal crashes

## A LITTLE EXTRA SPEED MAKES A BIG DIFFERENCE

Travel speed has a major impact on pedestrian safety. Reducing average speed by just a few miles per hour can save lives every year.



## WHAT DOES IT LOOK LIKE?

Traffic calming can be accomplished in a variety of ways. See our Traffic Calming Techniques board for example design strategies, and tell us which ones you would like to see implemented in Columbia!





# Columbia COMPASS

Envision 2036

# TRANSPORTATION

## BIKE AND PEDESTRIAN ELEMENTS

### What is your favorite way to get around?

Below are a number of options for safe bicycle and pedestrian accommodations. Use your three dots to select the facilities that you would most like to see in Columbia. Use a post-it note to provide us with additional comments if necessary.

Buffered Bike Lane



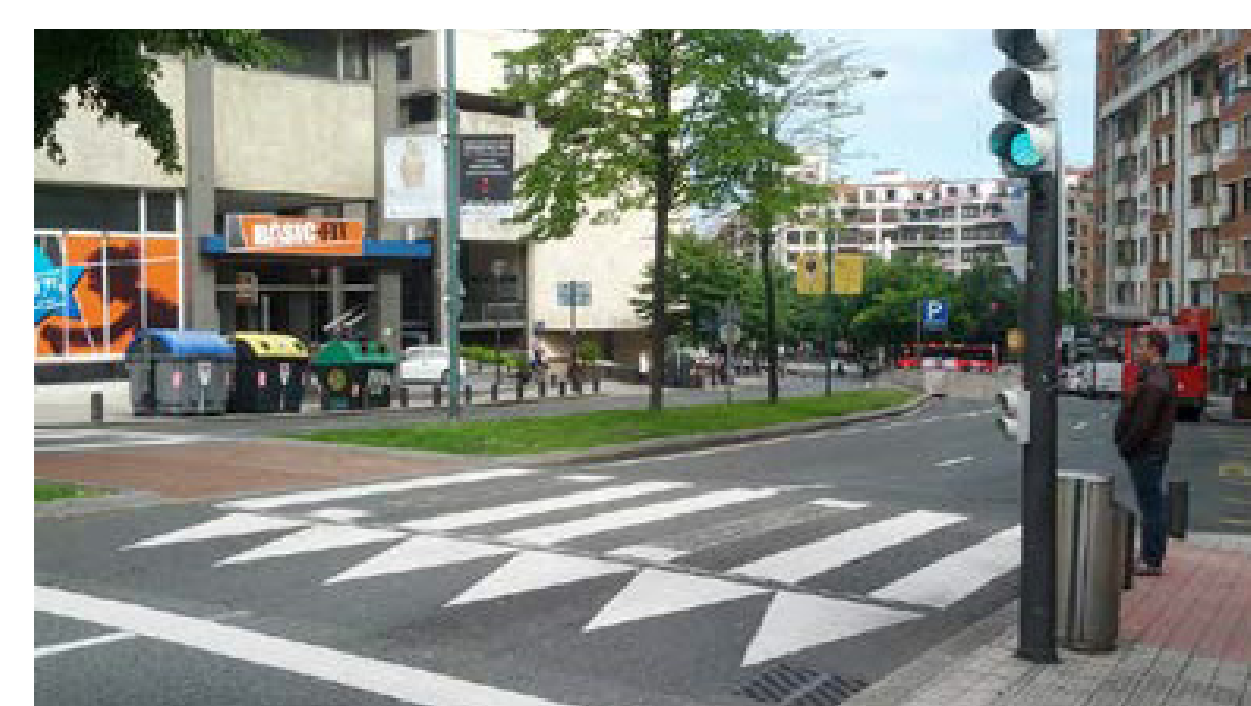
Striped Bike Lane



Side Path



Raised Crosswalk



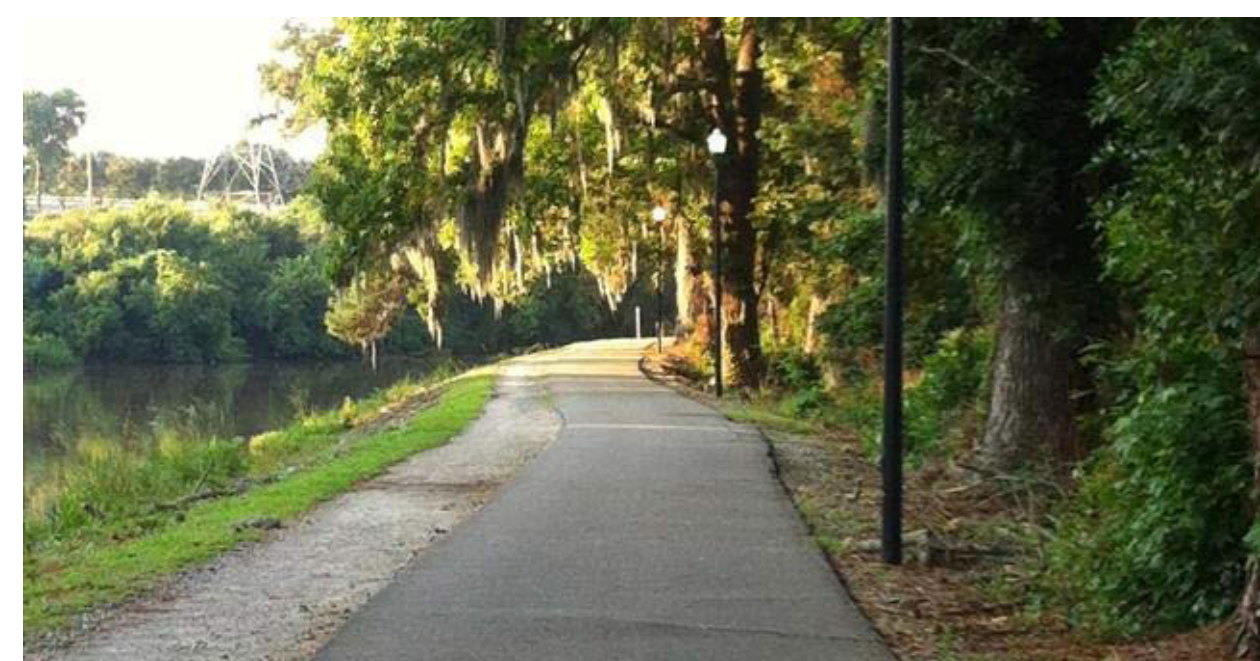
Two-Way Cycle Track



Shared Roadway



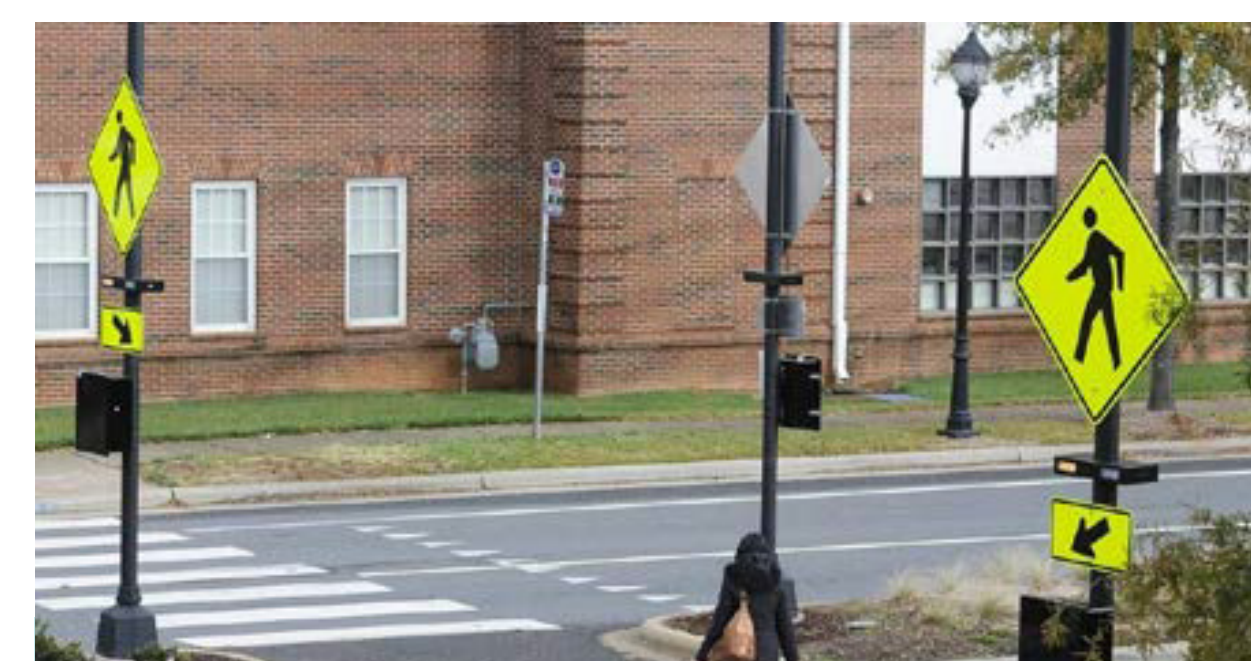
Greenway



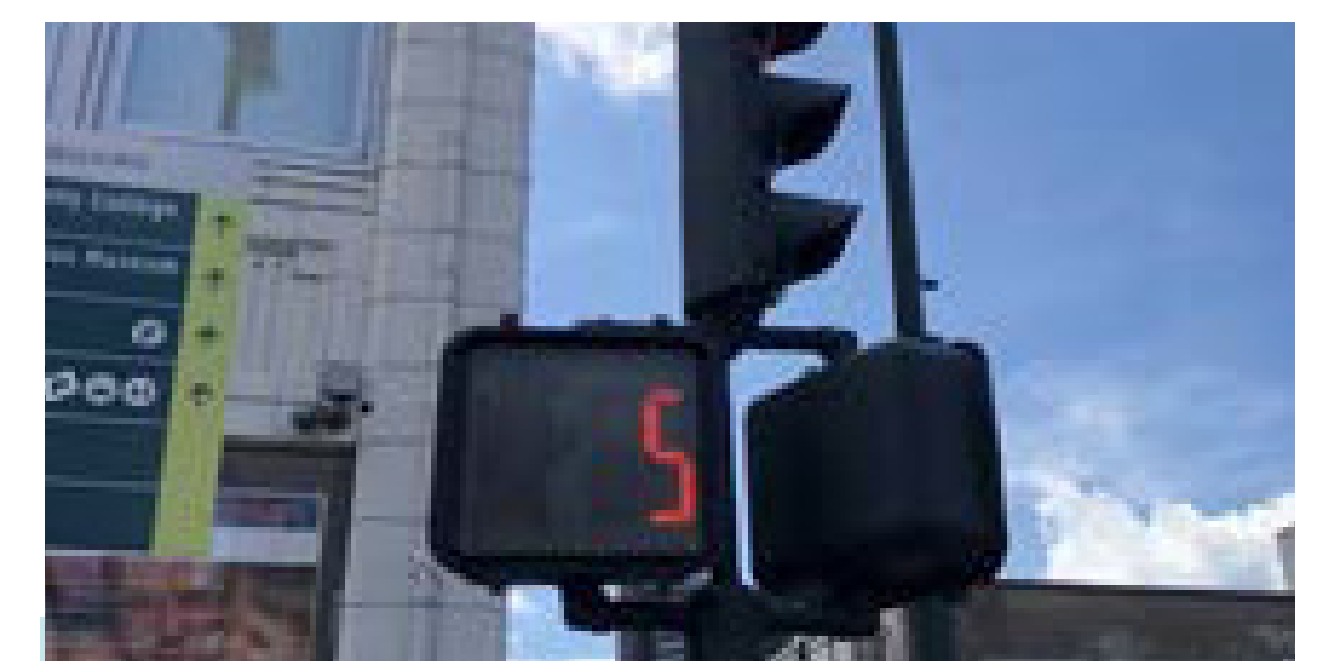
HAWK Beacon



Protected Crosswalk



Pedestrian Signal





# Columbia COMPASS

Envision 2036

# TRANSPORTATION

## INTERSECTION & STREET CONFIGURATIONS

### Which street designs do you prefer?

Below are a number of options for intersection configurations and street safety improvements. Use your three dots to select the facilities that you would most like to see in Columbia. Use a post-it note to provide us with additional comments if necessary.

Green T or Thru T



Roundabout



Peanutabout



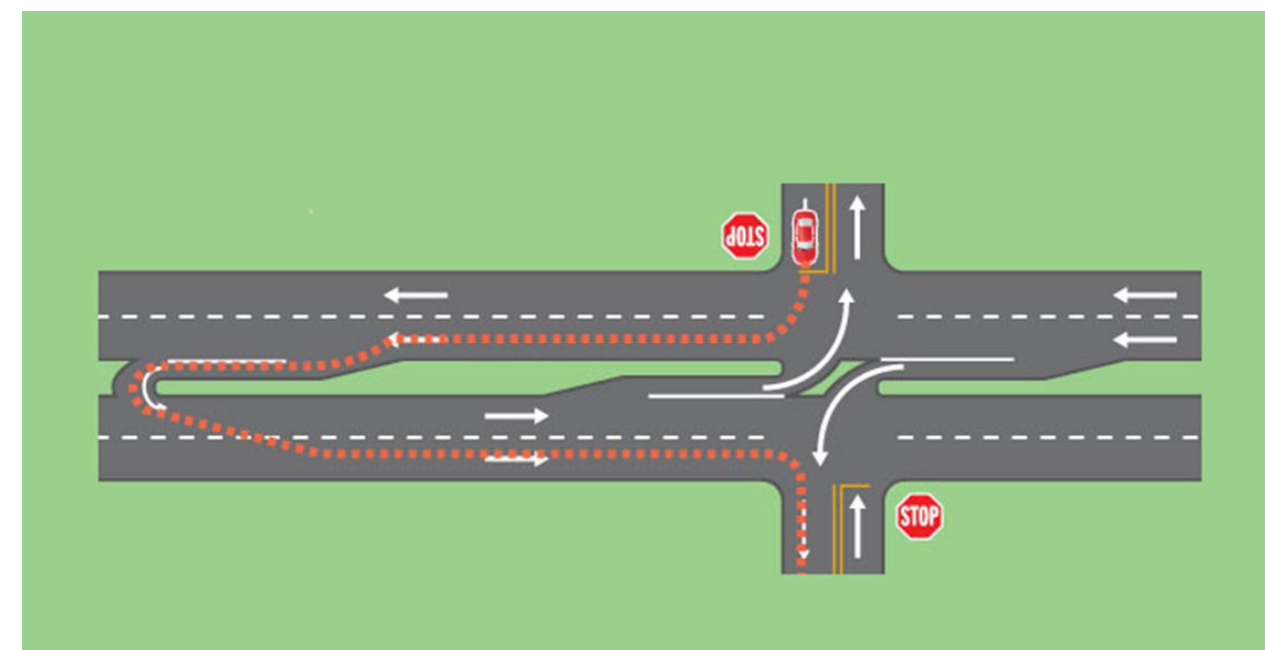
Raised Intersection



Diverging Intersection



Restricted Crossing U-Turn



Town Center Intersection



Complete Street



Multi-modal Street





**Columbia**  
COMPASS

Envision 2036

# TRANSPORTATION

## TRAFFIC CALMING

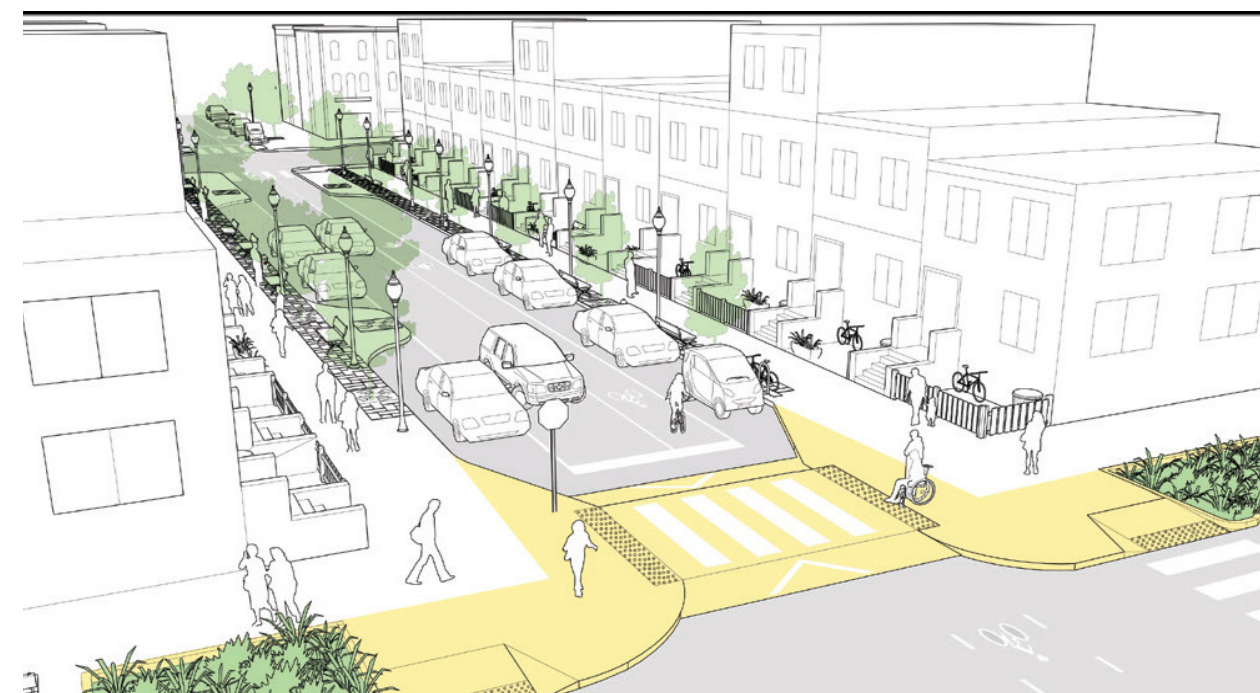
### Which traffic calming techniques do you prefer?

Below are a number of options for street treatments that help slow traffic speed and discourage neighborhood cut-throughs. Use three dots to select the facilities that you would most like to see in Columbia. Use a post-it note to provide us with additional comments.

Speed Hump



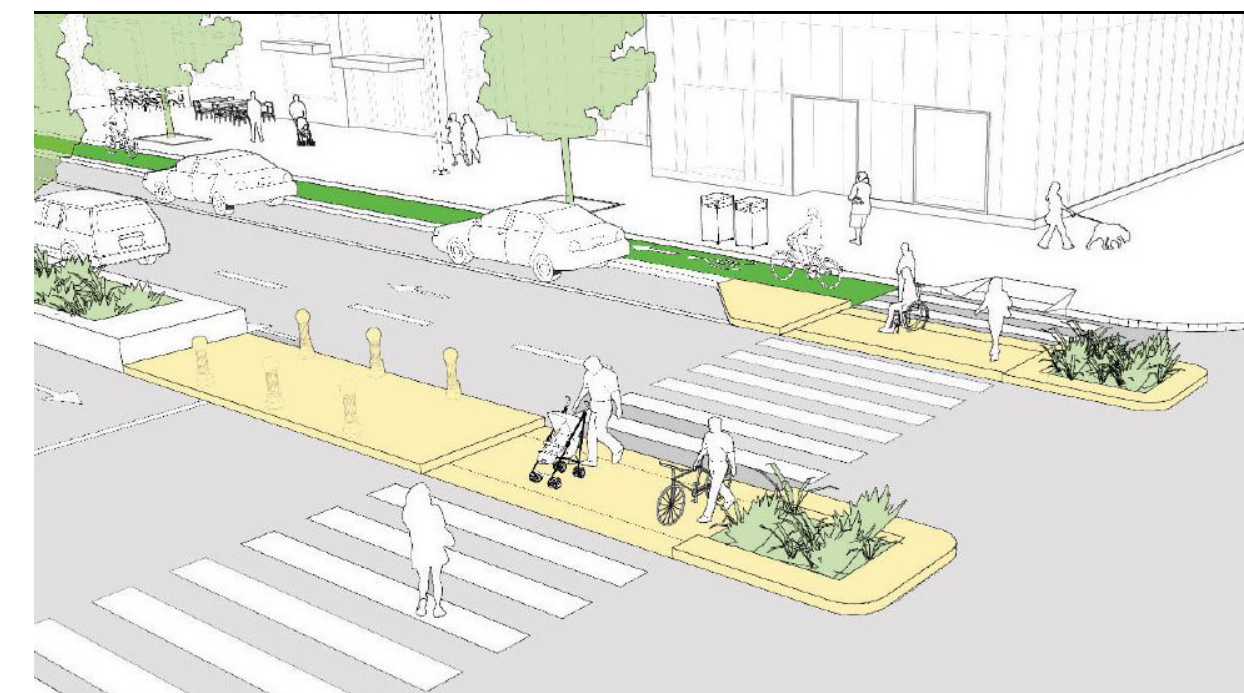
Bulb-outs/Curb Extensions



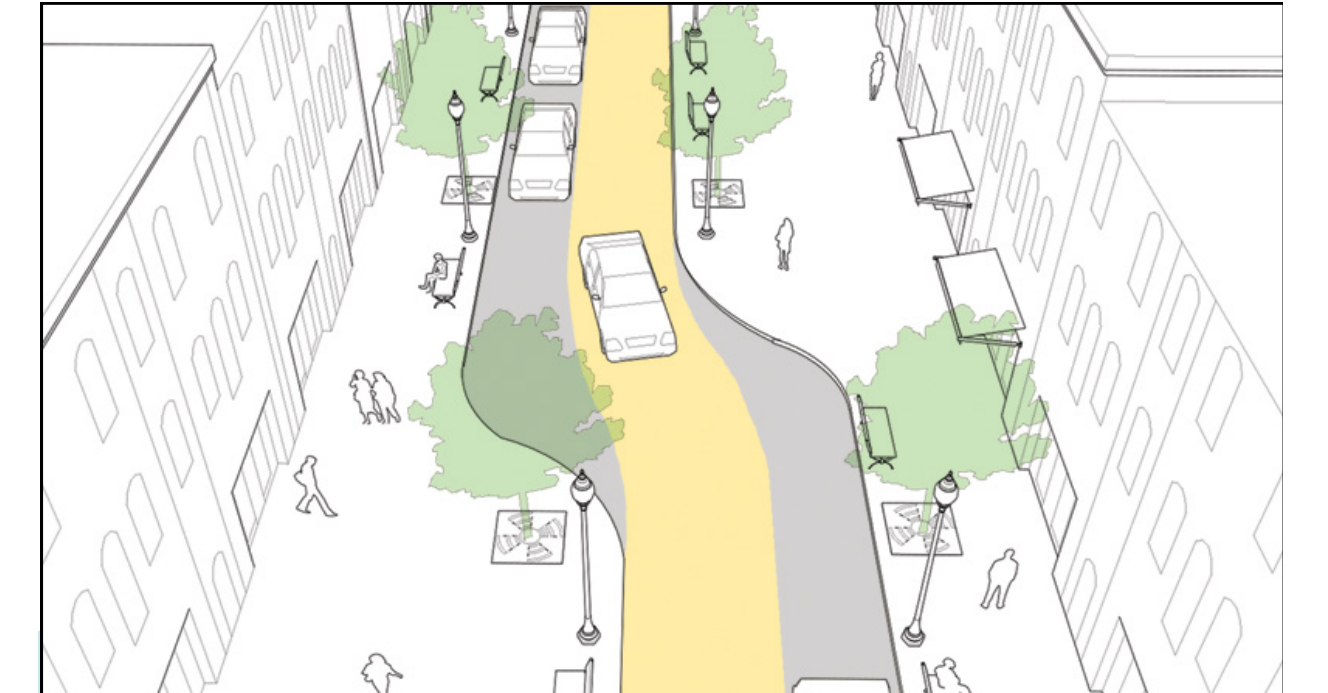
Raised Intersection



Medians



Chicanes



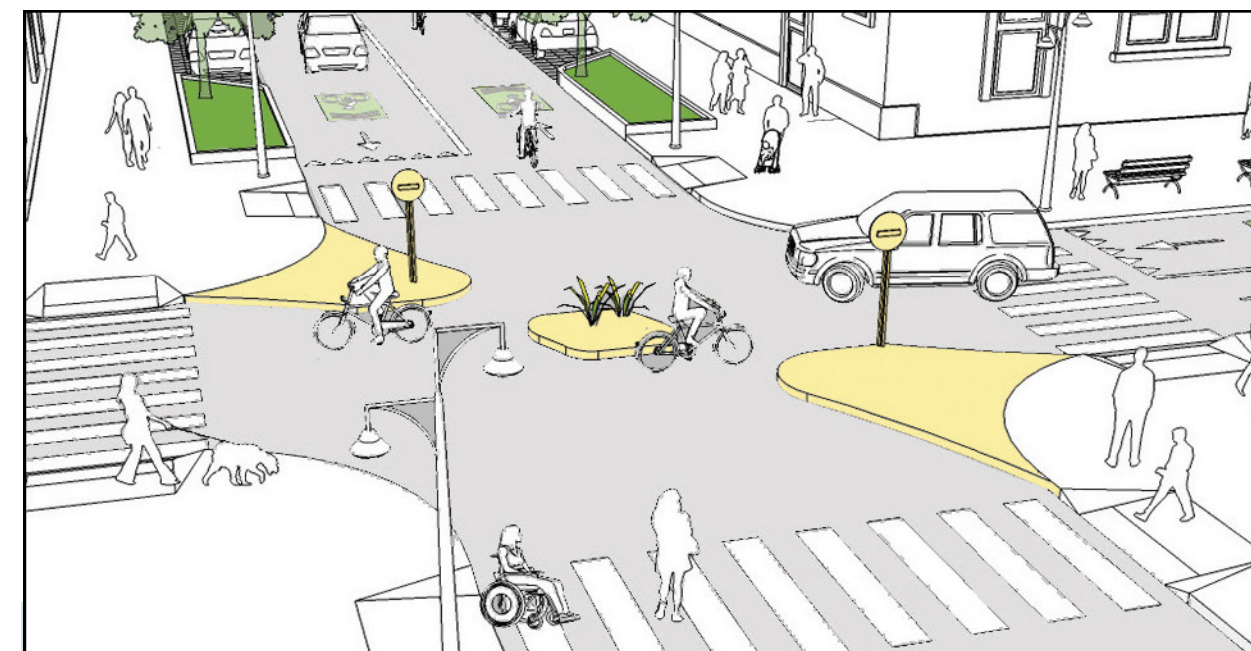
Street Narrowing



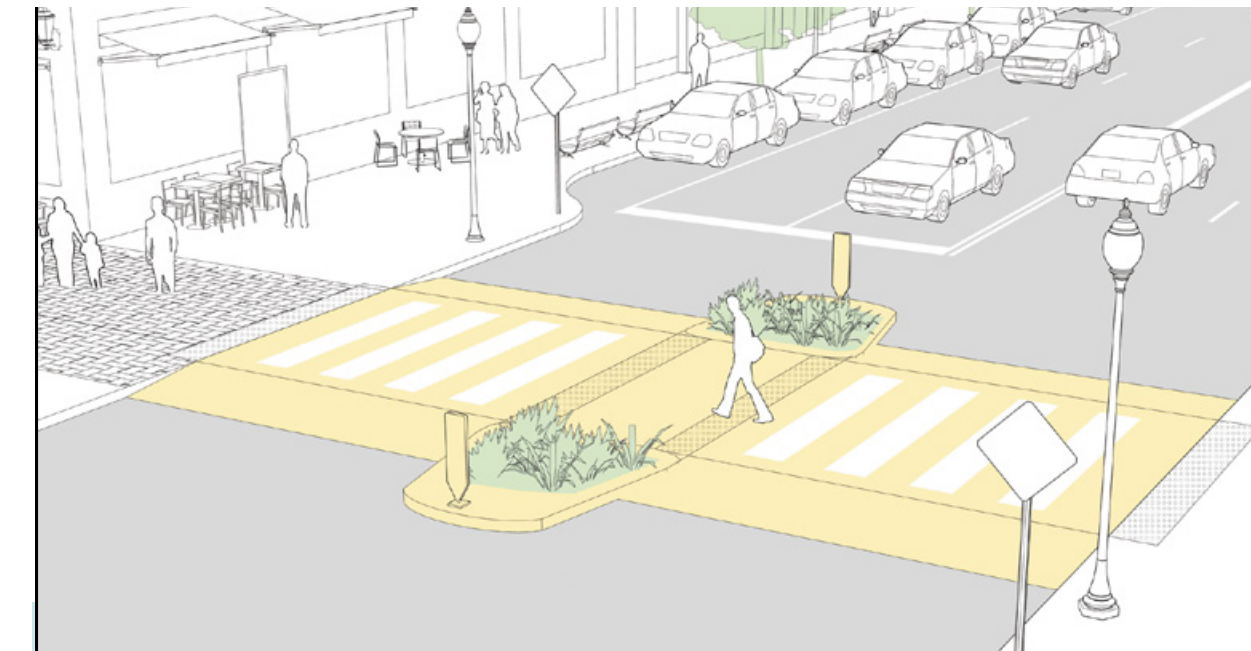
Pinch Points



Diverters



Raised Crosswalk

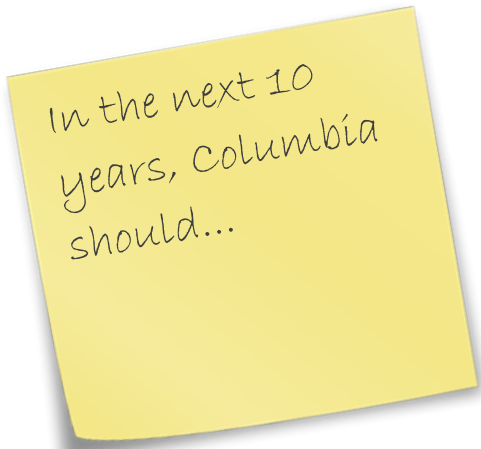




# TRANSPORTATION

## IMPLEMENTATION STRATEGIES

Which three of the below are the most important (●) for Columbia to accomplish in the next 10 years? Let us know by placing your dots.	Pick 3! most important (●)
<b>TARGET ZERO</b> Partner with SCDOT and commit to a goal of zero traffic deaths and severe injuries.	
<b>SAFER STREET DESIGN</b> Emphasize design guidelines that support traffic calming, lower design speeds and safer streets.	
<b>ALL AGES &amp; ABILITIES</b> Design and construct Complete Streets that provide safe facilities for users of all ages and abilities.	
<b>MODERNIZE INTERSECTIONS</b> Work with SCDOT to modernize the design of intersections at high crash locations throughout the city.	
<b>NEIGHBORHOOD PILOT PROJECTS</b> Streamline the neighborhood traffic control program to allow for pilot projects and innovative designs to be implemented quickly.	
<b>IMPROVE RAILROAD CROSSINGS</b> Work with railroad companies to improve railroad crossings within the city, and support the separation of existing rail facilities to create a more connected street grid.	
<b>IMPROVE CITYWIDE TRANSIT SERVICE</b> Support efforts to improve citywide transit service, including special events circulators, technology investments, high-quality bus shelters and reduced fare for low-income and young transit users.	
<b>IMPROVED ACCESS TO OPPORTUNITY</b> Prioritize transportation projects that improve connectivity to employment, education, community services and health care for vulnerable populations	
<b>CONSOLIDATE TRANSIT SERVICES</b> Study the feasibility of consolidating the Comet and USC transit network to provide a single, connected transit network throughout the entire city.	
<b>GREENWAY EXPANSION</b> Expand the existing greenway system, and construct neighborhood connections to regional greenways to improve connectivity.	
<b>SIDEWALK MAINTENANCE PLAN</b> Develop a sidewalk maintenance plan for the existing sidewalk, greenway, and bicycle facilities.	
<b>TRANSITION STREET OWNERSHIP</b> Work with SCDOT to transition key neighborhood streets to local control.	
<b>GREEN STREETS</b> Develop a green infrastructure strategy and include green elements in all new street design projects as applicable.	

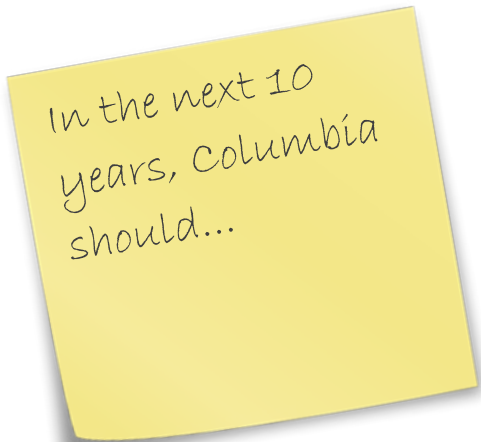




# TRANSPORTATION

## IMPLEMENTATION STRATEGIES

Which three of the below are the most important (●) for Columbia to accomplish in the next 10 years? Let us know by placing your dots.	Pick 3! most important (●)
<b>CONNECTED SIGNALS</b> Invest in a connected signal system to allow for emergency vehicle preemption and transit signal priority.	
<b>INCREASE MULTIMODAL INVESTMENT</b> Explore possible ways to increase investment in multimodal and streetscape projects, including increase the annual budget allocation for investment in multimodal projects across the city.	
<b>SHARED MOBILITY</b> Leverage shared mobility options (such as bike share, rideshare, and e-mobility) to fill crucial mobility gaps and expand transportation options.	
<b>PREPARE FOR FUTURE TECHNOLOGY</b> Proactively plan for the impacts of new technology, such as alternative fuels, advances in freight delivery logistics, and alternative mobility modes, and autonomous/self driving vehicles.	
<b>MODERNIZE THE PROCESS</b> Modernize the city's prioritization process to ensure that street improvements are being completed in a systematic way.	
<b>EXPAND AVIATION</b> Support opportunities to expand aviation facilities and connectivity to the City.	
<b>INVEST IN KEY CORRIDORS</b> Identify priority corridors to invest in multimodal improvements.	
<b>CONSTRUCT BICYCLE FACILITIES</b> Prioritize the construction of new bicycle facilities to create an enhanced network.	
<b>ALTERNATIVE COMMUTE</b> Partner with the city's largest employers to offer alternative commute incentives through a Travel Demand Management program	
<b>SEPARATED FACILITIES</b> Prioritize high-quality separated bicycle and pedestrian facilities to improve bicycle and pedestrian safety.	
<b>PEDESTRIAN INTERSECTION IMPROVEMENTS</b> Implement intersection improvements that enhance pedestrian safety, such as high visibility crosswalks, leading pedestrian intervals and pedestrian signals.	
<b>SUPPORTIVE LAND USE</b> Develop a future land use plan that supports walkable activity center, a connected street grid, and strategic increases of density around transportation corridors.	
<b>SIDEWALK INFILL</b> Construct additional sidewalk to fill in critical network gaps.	





## INVESTMENT PRIORITIES

Use your three dots to select which of the guiding principles below you feel the City should prioritize. You may place all three dots in one category to emphasize its importance, or place all three in separate categories. The distribution of all participants' votes will help us craft an investment and implementation strategy for the coming decades.

Safety	Equity of Access	Great Street Design	Resiliency	Innovation & Technology	Multimodal Choices
Improving transportation safety for all users.	Providing a high-quality transportation network that provides equitable access to opportunities.	Supporting design that respects neighborhood identities and promotes community investment.	Improving resiliency through increased connectivity, green infrastructure and enhanced multimodal connections.	Meeting the city's current and future needs through transportation technology, shared mobility and alternative funding mechanisms	Improving travel choice and increasing the share of Columbians who choose to bike, walk, or use transit for their daily travel