

WALK BIKE COLUMBIA

PEDESTRIAN & BICYCLE MASTER PLAN | EXECUTIVE SUMMARY



Introduction

The Walk Bike Columbia plan is a result of an extensive process that takes into account local public and stakeholders, existing conditions and visions, as well as nationally recognized performance standards. The Plan is comprised of the following sections, which provide a long-term vision for walking, bicycling and transit in Columbia, as well as a plan of action to guide Columbia towards achieving this vision:

Walk Bike Columbia Introduction

- Project vision, goals and objectives

Existing Conditions Analysis

- Plans, policies and design analysis
- User needs analyses
- Pedestrian, bicycle and transit network analysis

Recommendations

- Program and policy recommendations
- Pedestrian and bicycle network
- Prioritization and capital improvements plan

Appendices of Detailed Analyses and Guidelines

Project Partners

abacus
planning group
smart financial decisions



PALMETTO HEALTH



Vision, Goals & Objectives

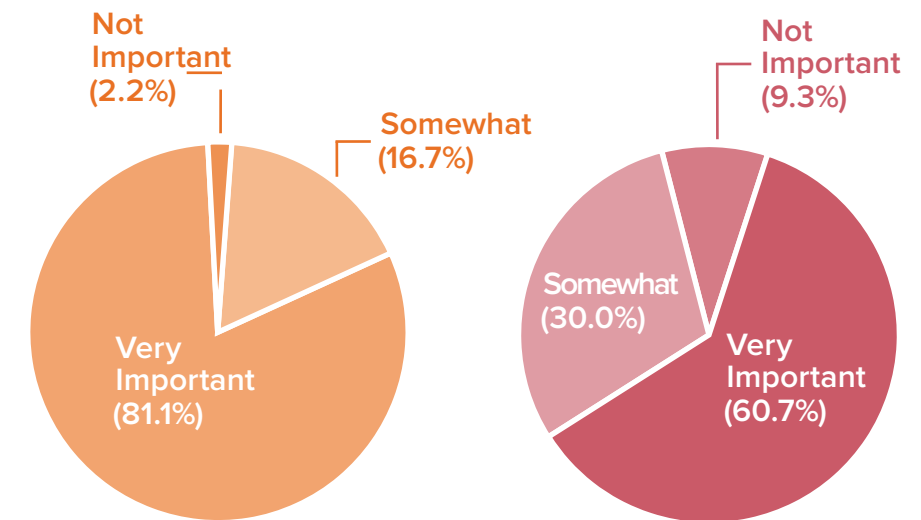
Walk Bike Columbia envisions an expanded and ADA-accessible network of transit, sidewalks, greenways, trails, and on-street bicycle connections linking people to jobs, schools, destinations, adjacent communities, and one another. The network serves residents, commuters, students, and visitors alike. Walking, biking and transit are an integral part of City projects, policies, and programs and are perceived as routine, efficient, safe, and comfortable options for both transportation and recreation. People of all ages and abilities enjoy walking and biking and benefit from enhanced quality of life, public health, and economic opportunity.

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| <p>GOAL 01 Choice - Provide a range of transportation options to advance Columbia's multimodal linkages and transportation culture.</p> | <p>GOAL 05 Awareness - Increase education, encouragement, and enforcement related to biking and walking to build confidence for residents.</p> |
| <p>GOAL 02 Accessibility – Institutionalize universal design principals to meet the needs of all modes and all users.</p> | <p>GOAL 06 Usage – The transit-, walking-, and biking-environment will help inspire movement in everyday life.</p> |
| <p>GOAL 03 Connectivity and Convenience – Biking, walking, and using transit for transportation will be easy, efficient, and routine activities.</p> | <p>GOAL 07 Implementation – Local leadership, coordination, and funding will allow the continued growth of the network.</p> |
| <p>GOAL 04 Safety and Comfort – Improve safety while designing attractive and comfortable streets, trails, and greenways for all users.</p> | <p>GOAL 08 Evaluation – The City will measure progress towards advancing the vision and goals of Walk Bike Columbia.</p> |

Public Input Summary

- 4 Steering Committee meetings: 25 committee members
- 4 interactive open-house public meetings: over 120 attendees
- 8 stakeholder focus groups: 90 invited stakeholders
- 825 respondents to online and physical citizen input surveys

PUBLIC INPUT ON PEDESTRIAN, BICYCLE AND TRANSIT PRIORITIES



HOW IMPORTANT IS IT TO IMPROVE THE PEDESTRIAN AND BICYCLE ENVIRONMENT?

HOW IMPORTANT IS IT TO YOU TO IMPROVE THE TRANSIT ENVIRONMENT?



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Proposed Bicycle Infrastructure

- Proposed Bikeways**
- Sidepath or Greenway
 - Cycle Track(s)
 - Buffered Bike Lanes
 - Bike Lanes/ Paved Shoulders
 - Bike Boulevard/ Bike Route/ Shared Lane Markings
 - Primary All Ages and Abilities Routes
- Existing Bikeways**
- Palmetto Trail
 - Palmetto Trail Gap Options
 - Commuter Rail Line (Proposed)
 - Other Rail Line
 - Park
 - College
 - City of Columbia Limits
 - Potential Future Annexation Areas
 - Other Jurisdiction
 - Water Body

Other Proposed Improvements

- Bicycle/Pedestrian Cut-through
- Intersection Improvements
- Infill Street
- Proposed On-Road Bikeway (Other Jurisdiction)
- Proposed Sidepath or Greenway (Other Jurisdiction)

Legend

- Existing Palmetto Trail
- Palmetto Trail Gap Options
- Commuter Rail Line (Proposed)
- Other Rail Line
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0 1 2 Miles



Data obtained from the City of Columbia and Central Midlands Council of Governments. Map created November, 2014.

In addition to long-term bikeway recommendations shown in the map on this page, this plan also makes recommendations on sidewalk infrastructure and crossing improvements; pedestrian, bike and transit support facilities such as bike parking; policies to support walk, bike and transit-friendly development; and education, encouragement and enforcement programs.

Existing Facilities

Pedestrian Facilities

Type	Quantity
Sidewalks	391 mi
Natural Surface Path	30 mi
Singletrack Trail	25 mi

Bicycle Facilities

Type	Quantity
Paved Shared-use Path/Greenway	20 mi
Bike Lanes	19 mi
Shared Lane Markings	0.5 mi
Bike Routes	20 mi

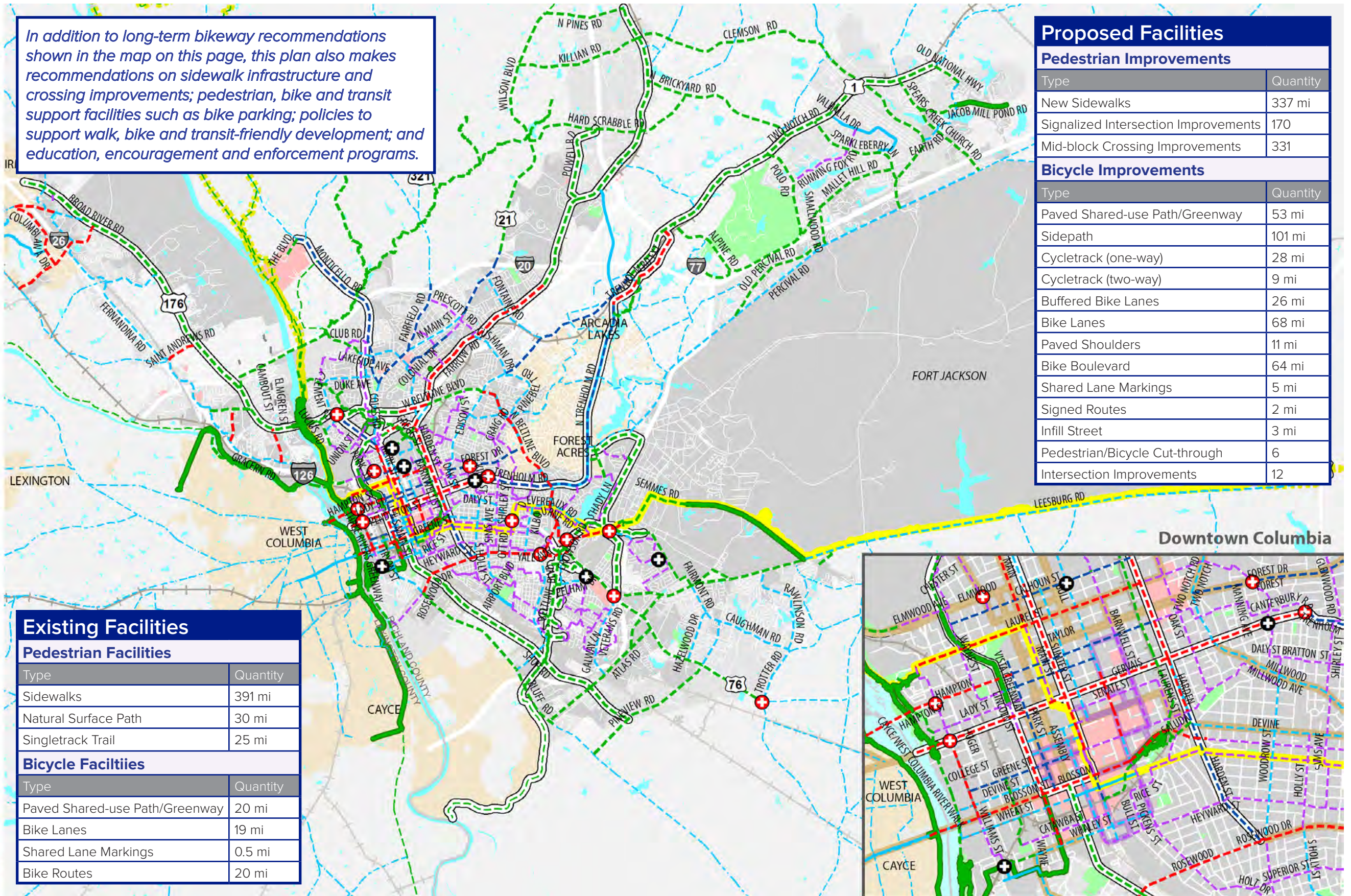
Proposed Facilities

Pedestrian Improvements

Type	Quantity
New Sidewalks	337 mi
Signalized Intersection Improvements	170
Mid-block Crossing Improvements	331

Bicycle Improvements

Type	Quantity
Paved Shared-use Path/Greenway	53 mi
Sidepath	101 mi
Cycletrack (one-way)	28 mi
Cycletrack (two-way)	9 mi
Buffered Bike Lanes	26 mi
Bike Lanes	68 mi
Paved Shoulders	11 mi
Bike Boulevard	64 mi
Shared Lane Markings	5 mi
Signed Routes	2 mi
Infill Street	3 mi
Pedestrian/Bicycle Cut-through	6
Intersection Improvements	12



Downtown Columbia

