Bicycle Master Plan
Focus on the Corridor Cities Transitway

May 20, 2015

Agenda

1. The Bicycle Master Plan Update
   - Overall Update
   - Focus on Corridor Cities Transitway area
2. Network Connectivity
3. Bicycle Storage
4. Early Recommendations

Overall Update to the Bicycle Master Plan

Purpose

THE BICYCLE MASTER PLAN

- Enable great places
- Bring recommendations in line with current best practices
- Improve bicycle access and mobility
- Consolidate bikeway recommendations

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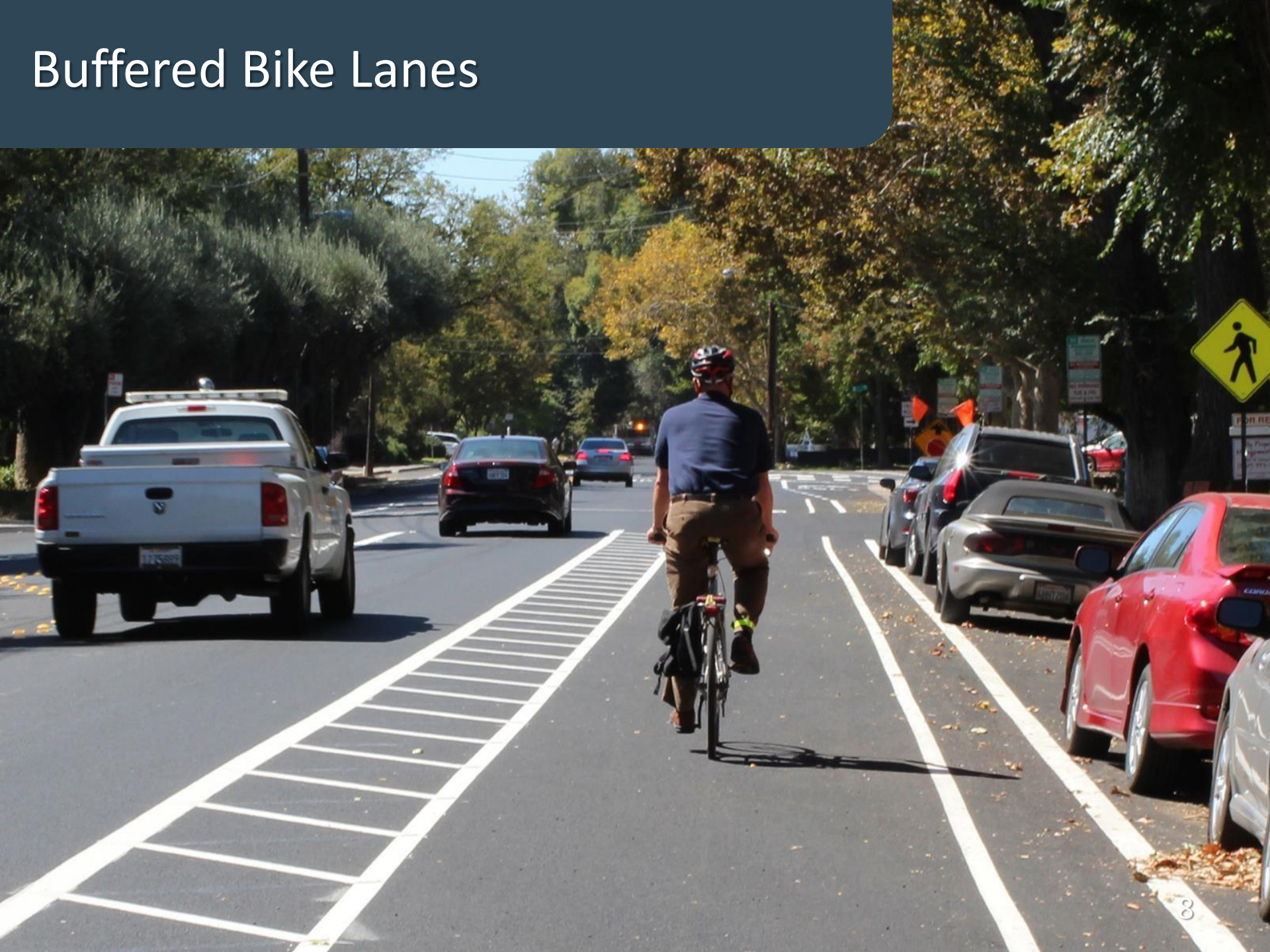
New User Groups

Capital Bikeshare

Buffered Bike Lanes



Bicycle Boulevards

Two-Way Cycle Track
Calgary, Canada

15th Street Cycle Track
District of Columbia

First Street Cycle Track
District of Columbia

First Street Cycle Track
District of Columbia

Purpose

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Bicycle Storage Facilities

Purpose

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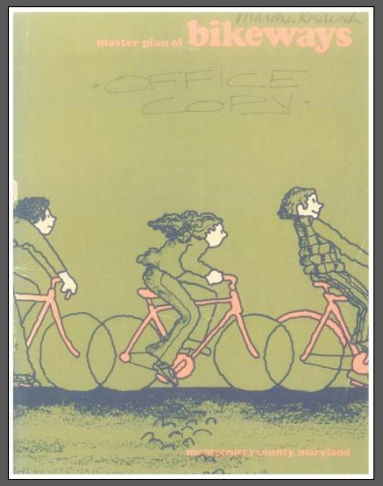
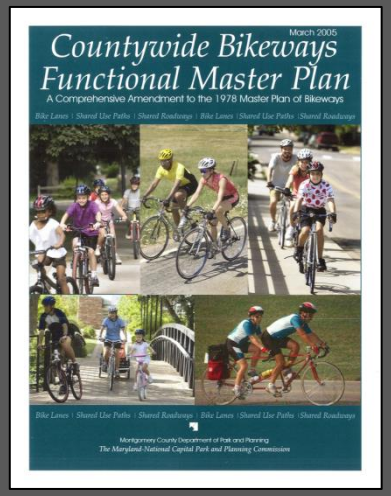
Functional Plans



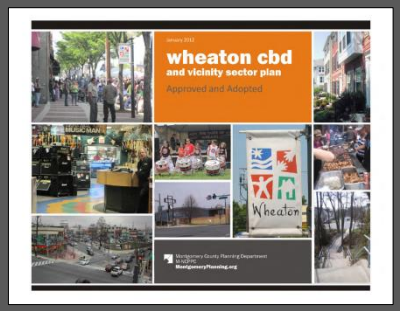
1978 Master Plan of Bikeways



2005 Countywide Bikeways Functional Master Plan

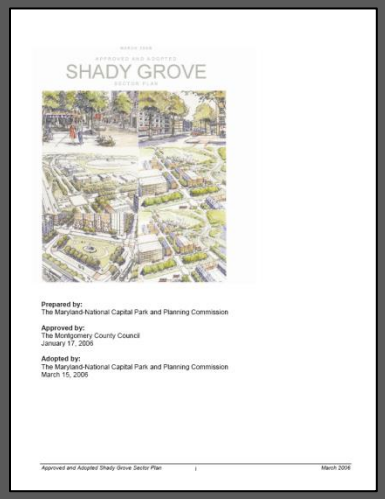
Area Master Plans

GSSC (2010)

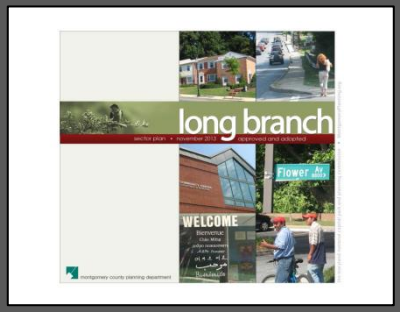


Wheaton CBD (2012)

White Flint (2010)



Shady Grove (2006)



Long Branch (2013)

#mcbikeplan

Schedule

THE BICYCLE MASTER PLAN

Focus on Corridor Cities Transitway	
April 1, 2015	Start
April 20, 2015	Public Kickoff Meeting
June 2015	Public Meeting to Review Draft
July 2015	Draft to Planning Board
Overall Update	
July 1, 2015	Start Work
Sept 2015	Planning Board Approves Scope of Work
March 2016	Methodology Report to Planning Board
Nov 2016	Staff Draft
February 2017	Planning Board Worksessions
April 2017	Planning Board Draft
Sept 2017	Council Approval of Overall Update

Focus on the Corridor Cities Transitway Area

Great Seneca Science Corridor Implementation Advisory Committee

THE BICYCLE MASTER PLAN

- Established by Planning Board in 2011
- Recommendation:

  "develop a regional bikeway network plan to maximize the coordination, connectivity, and effectiveness of the regional bikeway systems in providing access to Phase 1 of the CCT stations and the communities they serve."

Objectives

THE BICYCLE MASTER PLAN

Facilitate coordination with:

- Corridor Cities Transitway
- LSC Loop
- Development applications

Preserve the ability to:

- Create a high-quality bicycle network that connects CCT stations to the surrounding community, while the master plan is under development.

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Frederick Rd

Washington Grove

270

370

Great Seneca Hwy

Gaithersburg

Redland Rd

Darnestown Rd

Key West Ave

Gude Dr

LSC Loop

Frederick Rd

Shady Grove Rd

Rockville

270

0 0.5 1 Miles

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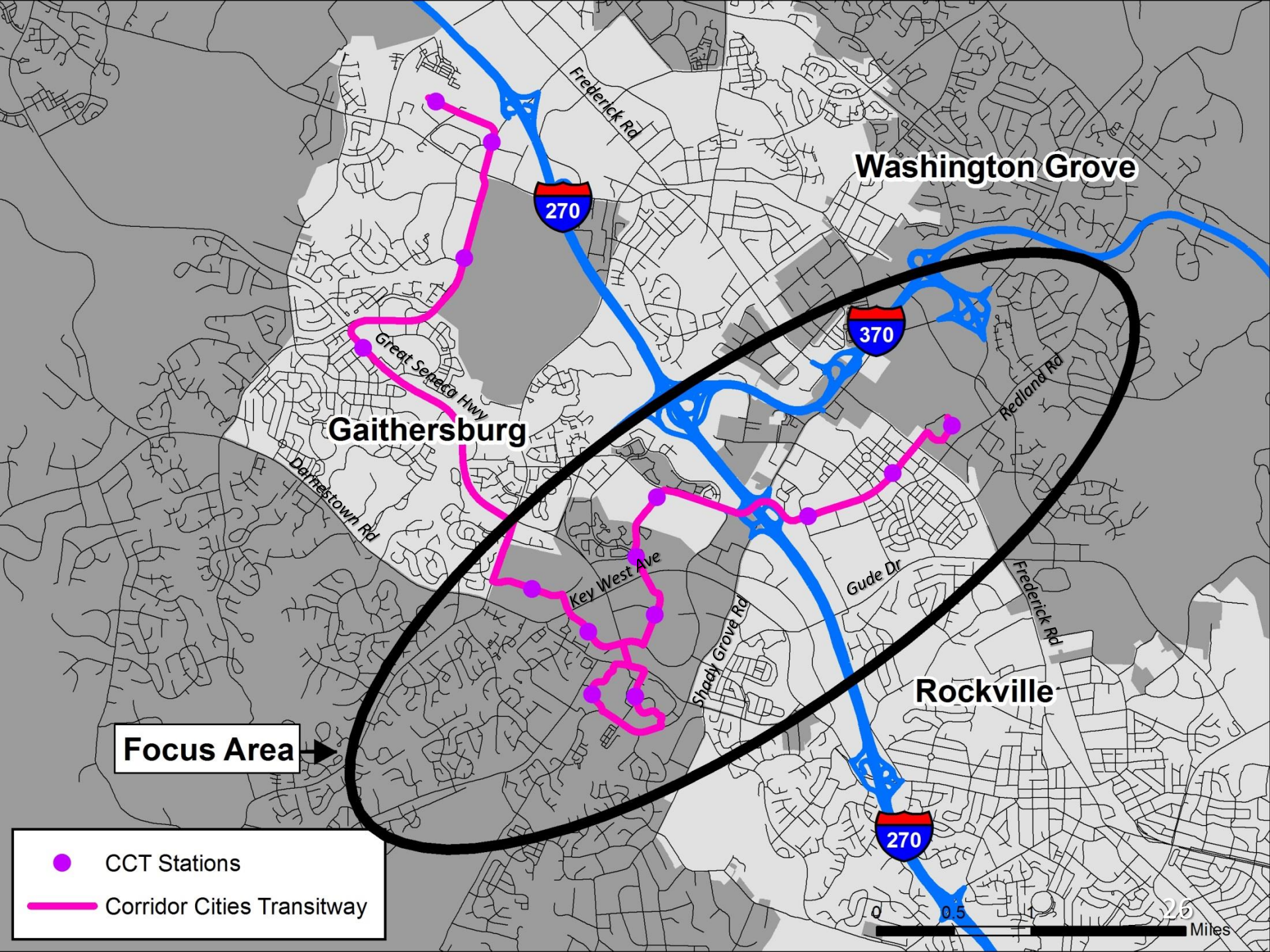

Washington Grove
Gaithersburg
Rockville
Frederick Rd
Great Seneca Hwy
Darnestown Rd
Key West Ave
Shady Grove Rd
Gude Dr
Redland Rd
Frederick Rd
270
370
270
Focus Area
CCT Stations
Corridor Cities Transitway
0
0.5
1
2
Miles

Network Connectivity

Four Types of Transportation Cyclists

High Stress | Strong & Fearless (~1%)

Moderate Stress | Enthused & Confident (~10%)

Low Stress | Interested but Concerned (~60%)

No Way, No How (~30%)

Network for Cyclists Tolerating High Stress

Network for Cyclists Tolerating Moderate Stress

THE BICYCLE MASTER PLAN

Bicycling Network
CCT Stations
CCT Bike Shed

0 0.5 1 30 Miles

Network for Cyclists Tolerating Low Stress

Bicycling Network
CCT Stations
CCT Bike Shed

0 0.5 1 Miles

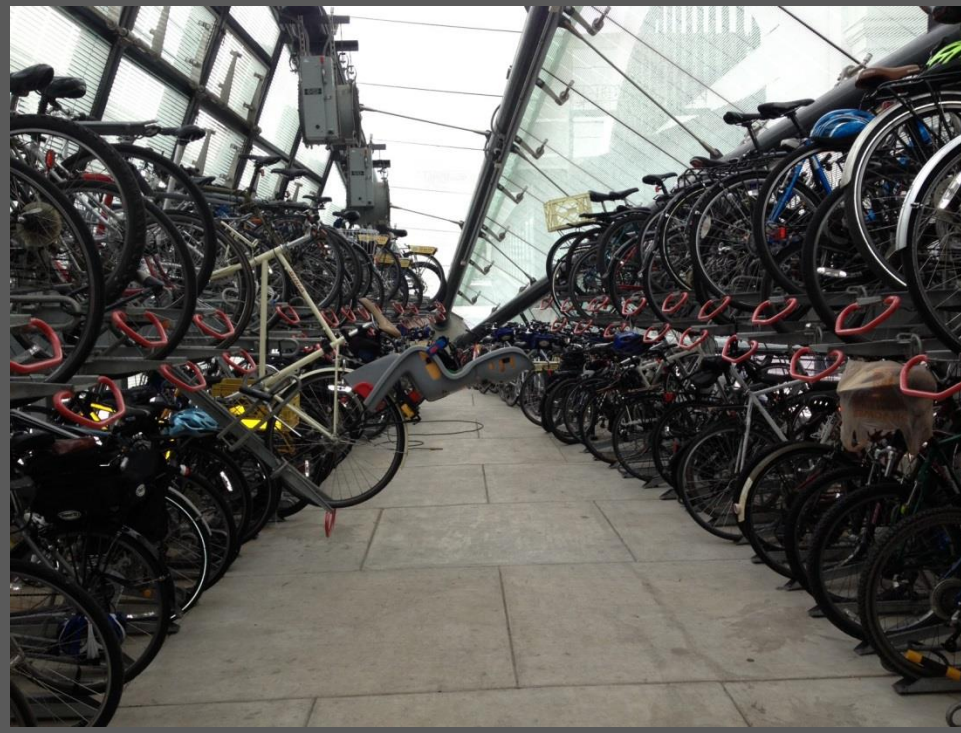
Bicycle Storage Facilities

What do we mean by bicycle storage?

Traditional Bicycle Storage

Traditional Bicycle Storage

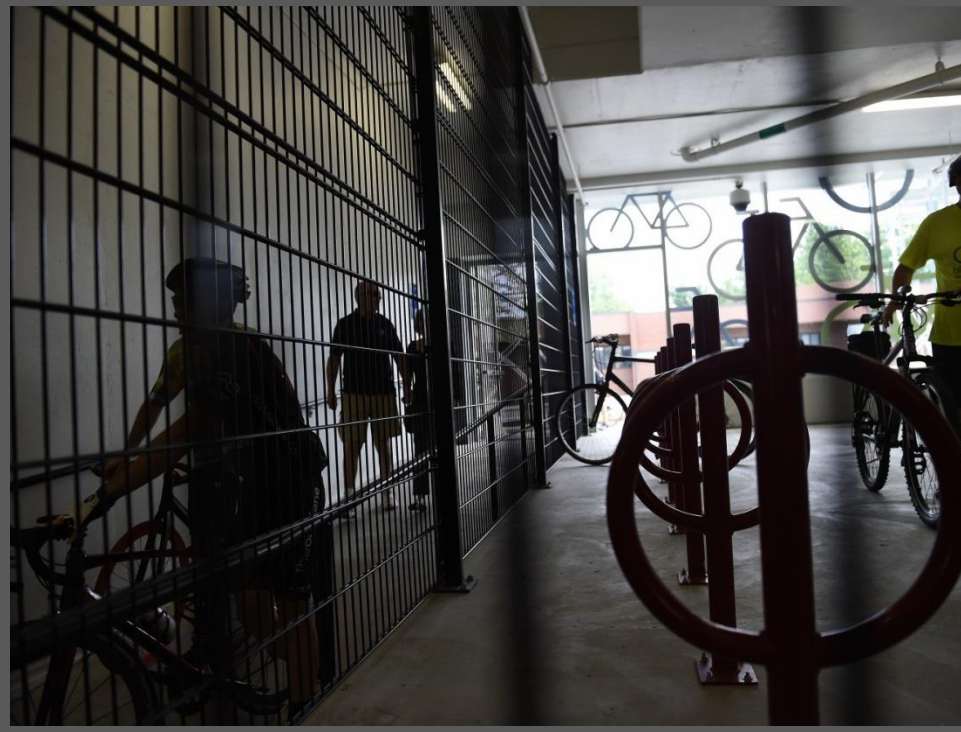
Union Station Metro Station
District of Columbia



Holds 100+ bicycles. Full nearly every day.

Wiehle Reston East Metro Station
Fairfax County, Virginia

THE BICYCLE MASTER PLAN



Holds 200+ bicycles. 2.5% of boardings!

College Park Metro Station
Prince George's County, Maryland

Holds 150+ bicycles. Use is growing.

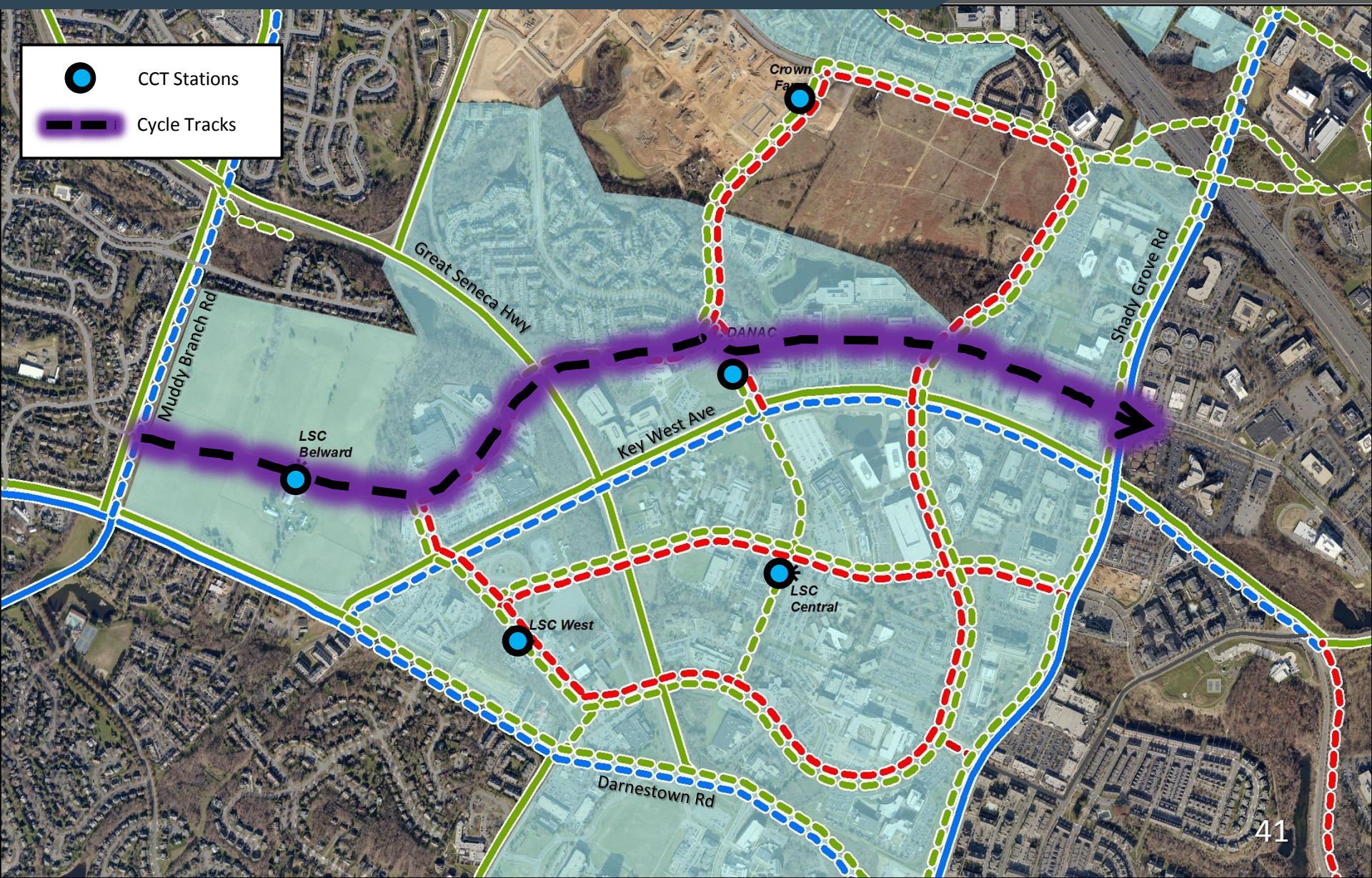
Berkeley BART Station
Berkeley, California

Holds 268 bicycles. Full nearly every day.

Early Recommendations

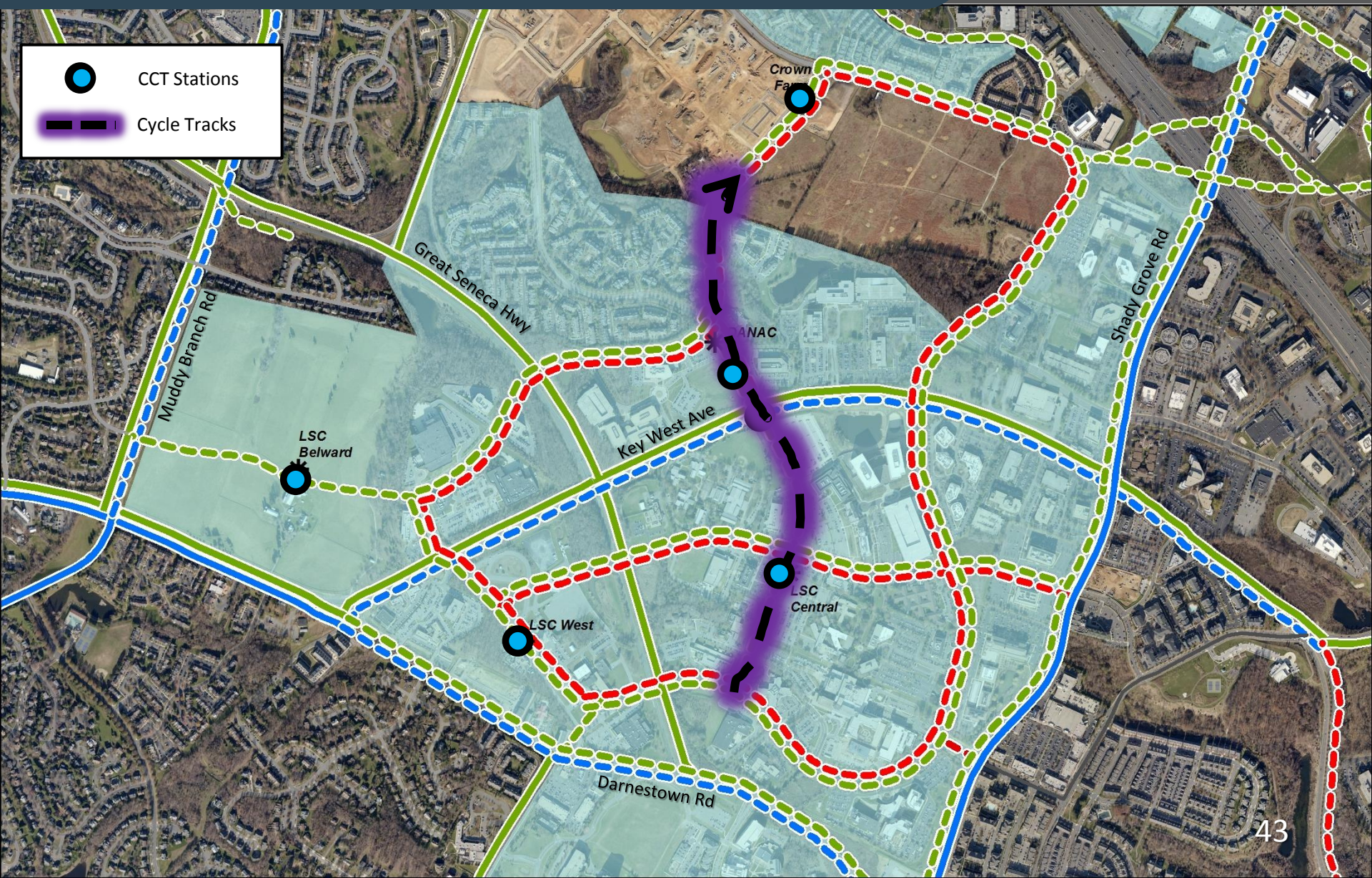
LSC Cycle Track Network

“Northway” Cycle Track



“Southway” Cycle Track

“Midway” Cycle Track



“Lower Loop” Cycle Track

LSC Cycle Track Network

THE BICYCLE MASTER PLAN

Questions?

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www.montgomeryplanning.org/bikeplan