Great Seneca Science Corridor Implementation Advisory Committee

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The Montgomery County Planning Department
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Topics

[1] What is a separated bike lane?
[2] What is secure bike parking?
[3] What are we proposing for the GSSC area?
[4] Why are we proposing this network?
[5] How will this help the GSSC area?
[1] What is a separated bike lane?
Separated Bike Lanes

• AKA “protected bike lane” or “cycle track”

• Characteristics
  – physically separated from motor vehicles & pedestrians
  – separation may be vertical, such as a curb; horizontal, such as a landscape panel or parking lane; or a combination
  – One-way or two-way
Woodglen Drive, White Flint
1st Street NE, Washington, DC
Hornby Street, Vancouver
Calgary, Alberta
[2] What is a secure bike parking?
Union Station Metro Station
District of Columbia

Holds 100+ bicycles. Full nearly every day.
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.
Kramer Station
Austin, Texas

Holds 24 bicycles.
[3] What are proposing for the GSSC area?
Separated Bike Lane Network
“Northway”
Separated Bike Lane
“Southway” Separated Bike Lane
“Lower Loop”
Separated Bike Lane
“Midway” Separated Bike Lane
Muddy Branch Rd
Separated Bike Lane
Secure Bicycle Parking
[4] Why are we proposing this network?
Four Types of Transportation Cyclists

- Strong and Fearless (~1%)
- Enthused and Confident (~10%)
- Interested but Concerned (~60%)
- No Way, No How (~30%)
“I’m comfortable riding on a 4-lane Road with a 30 mph speed limit”
New User Groups

- Commuting
- Running Errands
- Going to School
- Accessing Transit
- Entertainment
- Recreating
[5] How will this help the GSSC area?
Need for a High-Quality Bike Network

- People want walkable / bikeable
- Non-Auto Driver Mode Share (NADMS) goals
- A driver of economic activity
- Extend catchment area of the CCT
Questions?

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