RESPONSIBILITIES OF THE BICYCLE ADVISORY GROUP:

(A) ADVISE AND INFORM THE OFFICE ON TRANSPORTATION MATTERS;

(B) PROVIDE ADDITIONAL SUBJECT MATTER EXPERTISE TO THE OFFICE; AND

(C) PROVIDE FEEDBACK AND TECHNICAL ASSISTANCE ON THE IMPLEMENTATION OF MASTER PLANS AND OTHER INITIATIVES AND POLICY ISSUES.
Upcoming Events

• **November 19**\textsuperscript{th}  
  Robert Fulton Drive Public Meeting

• **December 2**\textsuperscript{nd}  
  County Executive Ball’s Transportation Forum

• **January 14**\textsuperscript{th}  
  next Bicycle Advisory Group Meeting

• **January 15**\textsuperscript{th}  
  Hickory Ridge Bike Corridor Public Meeting

• **January 28**\textsuperscript{th}  
  BikeHoward Open House
Upcoming Events

- **November 19th**: Robert Fulton Drive Public Meeting
- **December 2nd**: County Executive Ball's Transportation Forum
- **January 14th**: next Bicycle Advisory Group Meeting
- **January 15th**: Hickory Ridge Bike Corridor Public Meeting
- **January 28th**: BikeHoward Open House

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Howard County Office of Transportation
transportations@howardcountymd.gov
(410) 313-4312

How can we make it easier to walk or bike into Gateway?
We have some ideas, but we need to hear from you!
Therefore, we’ve scheduled a public meeting for November 19th at Guilford E.S.

**Project Goals:**
- Access to Columbia Gateway from surrounding communities
- Access from Columbia Gateway to nearby “lunch hour” restaurants/retail
- Connections to nearby projects on Oakland Mills Road, McGaw Road, and Snowden River Parkway, as well as the Columbia pathway network

**Key Questions:**
- Should access be from Oakland Mills Road or McGaw Road?
- How can we best meet the needs of Snowden Ridge, Riderwood, Gateway Condominium, and Stonehaven Apartment residents?
- How can we best meet the needs of workers in Columbia Gateway?

**When and Where:**
- Tuesday, November 19, 2019
  No formal presentation; please drop in any time from 6:00 PM to 7:30PM
- Guilford Elementary School Cafeteria
  7335 Oakland Mills Rd, Columbia, MD 21046
- Meeting materials to be posted on the project website after the meeting:
  [howardcountymd.gov/Robert-Fulton-Drive](http://howardcountymd.gov/Robert-Fulton-Drive)
Upcoming Events

TRANSPORTATION FORUM

Hosted by Calvin Ball, Howard County Executive

Joining Dr. Ball for this event will be:
Howard County Office of Transportation: Bruce Gartner, Administrator
Howard County Police Department: Captain Chris Neubauer
Howard County Department of Public Works: James M. Irvin, P.E., Director

Monday, December 2, 2019
7:00 - 8:30 P.M.
Elkridge Fire Station
5700 Rowanberry Drive
Elkridge, MD 21075
[Transit: RTA Route 409]

Topics Include:
Transportation Safety, Complete Streets Implementation,
Bike and Pedestrian Master Plans, Highway Traffic and Maintenance,
RTA Service Improvements, Long Range Transportation Plans,
Transportation Priority Requests to MDOT

Registration begins at 6:30 p.m. Presentations and question and answer session begin at 7:00 p.m. Follow live on Facebook @HoCoGovExec
for more information contact the Howard County Office of Transportation at 410-313-4312 or transportation@howardcountymd.gov
Complete Streets Implementation Update

COUNTY COUNCIL OF HOWARD COUNTY, MARYLAND
RESOLUTION NO. 22-2019

Adopting the Howard County Complete Streets Policy and requiring the development of a Complete Streets Design Manual.

WHEREAS, the Complete Streets Implementation Team has prepared the Howard County Complete Streets Policy based on national best practices, substantially in the form attached as Exhibit A; and

WHEREAS, the Complete Streets Policy establishes a data-driven project selection process, prioritizes projects in communities with vulnerable populations, requires transparent decision making and reporting and emphasizes safety as the top priority for our streets; and

WHEREAS, the Complete Streets Policy has been reviewed and endorsed by the Howard County Multimodal Transportation Board, presented at stakeholder meetings, and posted on the Howard County Office of Transportation’s website in the form of Exhibit A since July 5, 2019; and

WHEREAS, the County Executive wishes to adopt the Complete Streets Policy, substantially in the form attached as Exhibit A, and has further directed the Complete Streets Implementation Team to continue its work on the development of a Complete Streets Design Manual, to be submitted to Council within 24 months of Council’s vote to approve the Complete Streets Policy.

NOW, THEREFORE, BE IT RESOLVED by the County Council of Howard County, Maryland, this ___ day of ___ 2019, that it hereby adopts the Howard County Complete Streets Policy, substantially in the form attached as Exhibit A.

AND BE IT FURTHER RESOLVED, that the Complete Streets Implementation Team shall provide regular updates semiannual reports to the Council on the implementation of the various elements of the policy and develop a Complete Streets Design Manual to be submitted to Council within 24 months of Council’s vote to approve the Complete Streets Policy.
NOW, THEREFORE, BE IT RESOLVED by the County Council of Howard County, Maryland, this 7th day of October, 2019, that it hereby adopts the Howard County Complete Streets Policy, substantially in the form attached as Exhibit A.

AND BE IT FURTHER RESOLVED, that the Complete Streets Implementation Team shall provide regular updates semiannual reports to the Council on the implementation of the various elements of the policy and develop a Complete Streets Design Manual to be submitted to Council within 24 months of County Council’s vote to approve the Complete Streets Policy.
Howard County Charter, Section 914

c. The word “resolution” shall mean a measure adopted by the Council having the force and effect of law but of a temporary or administrative character.

d. The word “law” shall be construed as including all acts, public local laws, resolutions and other legislative acts of the Council...
Robert Fulton Drive Pathway Concepts

- Oakland Mills Rd Complete Streets Study
- Snowden River Pkwy Sidewalk
- Dobbin Road/McGaw Rd Bicycle & Pedestrian Improvements
## Preliminary Impacts Analysis

<table>
<thead>
<tr>
<th>Item</th>
<th>Option 1A</th>
<th>Option 1B</th>
<th>Option 1C</th>
<th>Option 1D</th>
<th>Option 2A</th>
<th>Option 2B</th>
<th>Option 2C</th>
<th>Option 3</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cost Estimate</strong>¹</td>
<td>$2.8 Million</td>
<td>$2.6 Million</td>
<td>$2.8 Million</td>
<td>$2.1 Million</td>
<td>$1.5 Million</td>
<td>$1.4 Million</td>
<td>$1.1 Million</td>
<td>$2.5 Million</td>
</tr>
<tr>
<td><strong>Right-of-Way</strong>²</td>
<td>1.19 Acre</td>
<td>2.25 Acre</td>
<td>0.97 Acre</td>
<td>2.51 Acre</td>
<td>2.02 Acre</td>
<td>0.55 Acre</td>
<td>2.12 Acre</td>
<td>1.46 Acre</td>
</tr>
<tr>
<td><strong>Number of Parcels Impacted</strong>²</td>
<td>8</td>
<td>6</td>
<td>8</td>
<td>8</td>
<td>5</td>
<td>3</td>
<td>3</td>
<td>8</td>
</tr>
<tr>
<td><strong>Forest</strong>³</td>
<td>0.9 Acre</td>
<td>1.0 Acre</td>
<td>0.8 Acre</td>
<td>0.3 Acre</td>
<td>0.9 Acre</td>
<td>0.9 Acre</td>
<td>0.3 Acre</td>
<td>0.4 Acre</td>
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<tr>
<td><strong>Forest Conservation Easement</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>0.65 Acre</td>
<td>0.49 Acre</td>
<td>0.10 Acre</td>
<td>-</td>
</tr>
<tr>
<td><strong>Potential Waters and Wetlands</strong>⁴</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Utility / Light Poles</strong></td>
<td>8</td>
<td>12</td>
<td>8</td>
<td>6</td>
<td>6</td>
<td>4</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td><strong>Driveways / Entrances</strong></td>
<td>6</td>
<td>4</td>
<td>6</td>
<td>6</td>
<td>1</td>
<td>1</td>
<td>-</td>
<td>4</td>
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<tr>
<td><strong>Fire Hydrant Locations</strong></td>
<td>3</td>
<td>4</td>
<td>4</td>
<td>3</td>
<td>-</td>
<td>3</td>
<td>-</td>
<td>1</td>
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<tr>
<td><strong>Business Signages</strong></td>
<td>2</td>
<td>3</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>-</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td>**Traffic Signal Upgrades (per leg)**⁵</td>
<td>2</td>
<td>1</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>

**Total Project Cost and Impacts will be either a combination of one of the Option 1 and one of the Option 2 concepts or one of the Option 1 and the Option 3 concept.**

1) Does not include right-of-way costs.

2) Right-of-Way Impacts include both permanent and temporary construction easements.

3) Based on aerial imagery.

4) Potential Wetlands based on NWI Mapping, no delineation has been done at this time.

5) The existing traffic signal at the intersection of Oakland Mills Road and Snowden River Parkways is anticipated to be upgraded as part of a separate project and is not included in the impacts analysis / cost estimate.
Road Patching

Kris Jagarapu, PE
---
Chief, Bureau of Highways
Department of Public Works
FY2021 Capital Budget Discussion

SEE HANDOUT
Countywide Bike Wayfinding

JMT
HOWARD COUNTY WAYFINDING PLAN
Project Update
Project Timeline

1st BAG Meeting
Sept 17

Origin/Destination Analysis & Bikeways Identification
Sept - Nov

2nd BAG Meeting

Online Crowdsourcing WikiMap
Sept - Oct

Field Review
Nov 20 - 26

Sign Concept Design
Dec

Logo Concept Design
Nov - Dec

2019

2020
# Wiki Mapping Results

## 2019 WikiMapping Survey Results

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Individual Users*</td>
<td>255</td>
</tr>
<tr>
<td>Survey’s Completed</td>
<td>208</td>
</tr>
<tr>
<td><strong>Total Number of Points</strong></td>
<td><strong>1,322</strong></td>
</tr>
<tr>
<td>Destinations I Bike To</td>
<td>863</td>
</tr>
<tr>
<td>Destinations I want to Bike To</td>
<td>290</td>
</tr>
<tr>
<td>Places I Bike From</td>
<td>169</td>
</tr>
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</table>

*Note: Data was collected from a publicly available online survey. Sources: MD IMAP & Howard County
Wiki Mapping Results

**2019 WikiMapping Survey Results**

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Wiki Mapping Results

Cyclist Categories

- Enthused and Confident: 54%
- Interested but Concerned: 28%
- Strong and Fearless: 16%
- No Way No How: 2%

How Often do you Ride?

- At Least once a Week: 46%
- At Least once a Month: 19%
- At Least once a Year: 6%
- Never: 12%
- Daily: 12%
- No Response: 5%
Trip Purposes

- Work/School
- Shopping/Dining
- Personal Business
- Recreation

Interested but Concerned

Enthused and Confident

Strong and Fearless
Polling Instructions

Send text to: 22333
Message: bag

• Provider text messaging rates and data usage charges may apply
• For multiple choice questions, type your letter choice for the corresponding answer
• For word cloud answers, only a 1-word response is allowed
• Text “leave” once the poll is finished. If you forget, you will be automatically signed out after 24 hours
Bicycle Routes Branding Options

A: 

B: 

C: 

D:
Pick your Favorite

Red Route

1

Red Route

1

Red Route

1

Red Route

5
QUESTIONS?

Allysha Lorber
Johnson, Mirmiran and Thompson, Inc.
alorber@jmt.com
410-316-2364