



Regional Bicycle and Pedestrian Counts

BPAG

July 20, 2022



Regional Bicycle and Pedestrian Count Program

- **Weeklong counts conducted throughout the region on a project specific basis**
 - Project specific counts: before/after counts, potential permanent counter locations, safety assessments
- **Development of program**
 - Create list of project specific count locations
 - Detailed description of count need, timing, and goals/purpose
 - Latitude/Longitude
 - And more
 - Continue to assess achievable program goals
 - Create data management and sharing plan
 - Explore resources required for data analysis and use

Recommended Goals

Inform prioritization of bike/ped improvements

Track before/after volumes in locations with improvements

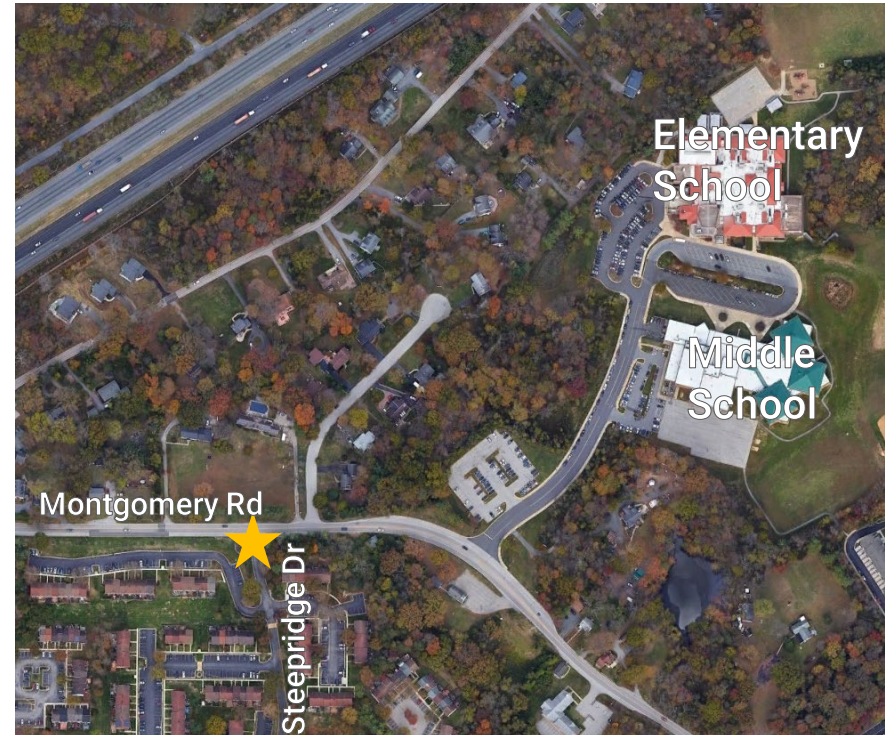
Determine user type (commuter, recreational, mix)

Assist in the selection of continuous count locations

Contribute to statewide bike/ped count database

Howard County: Montgomery Road at Steepridge Drive

- **Project specific count**
 - June 1 – 7, 2022
 - While school was in session
- **Description**
 - New sidewalk is being installed on both sides of Montgomery Rd between Rowanberry Dr and Timberlee Rd
 - New pedestrian crossing across Montgomery Rd with refuge island just west of Steepridge Dr
- **Purpose**
 - Quantify change in bicycle and pedestrian volumes after implementation of new sidewalks and pedestrian crossing



Example Count Spreadsheets

- Crosswalk Count

HOUR ENDING	South Crosswalk				East Crosswalk				West Crosswalk			
	EB		WB		NB		SB		NB		SB	
	Ped	Bike	Ped	Bike	Ped	Bike	Ped	Bike	Ped	Bike	Ped	Bike
06:15												
06:30												
06:45												
07:00												
07:15												
07:30												
07:45												
08:00												
08:15												

- Screenline Count

DATE(m/d/y):									Daily	Wkday	Wkend
End Time	Sun	Mon	Tue	Wed	Thu	Fri	Sat		Avg.	Avg.	Avg.
6:15											
6:30											
6:45											
7:00											
7:15											
7:30											
7:45											
8:00											
8:15											

Example Count Spreadsheets

- Turning Movement Count

Street Name-->															
HOUR	From South					From East					From West				
ENDING	U turn	Left	Through	Right	Total	U turn	Left	Through	Right	Total	U turn	Left	Through	Right	Total
06:15					0					0					0
06:30					0					0					0
06:45					0					0					0
07:00					0					0					0
07:15					0					0					0
07:30					0					0					0
07:45					0					0					0
08:00					0					0					0
08:15					0					0					0

Howard County: Montgomery Road at Steepridge Drive

NB Montgomery Road



Howard County: Montgomery Road at Steepridge Drive

WB Montgomery Road

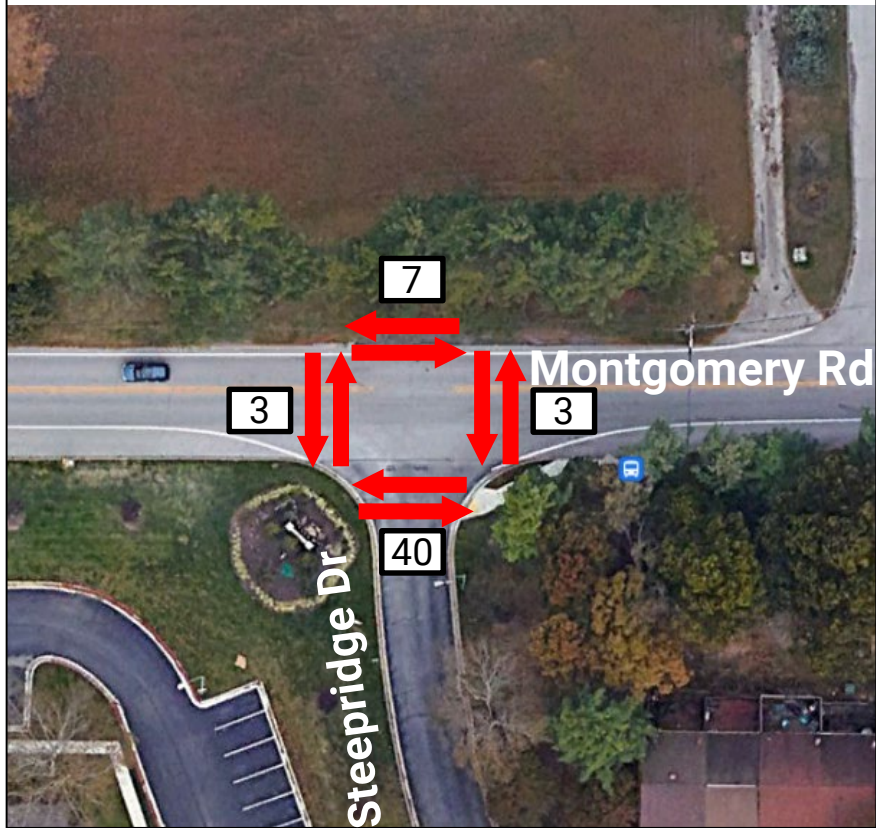


EB Montgomery Road

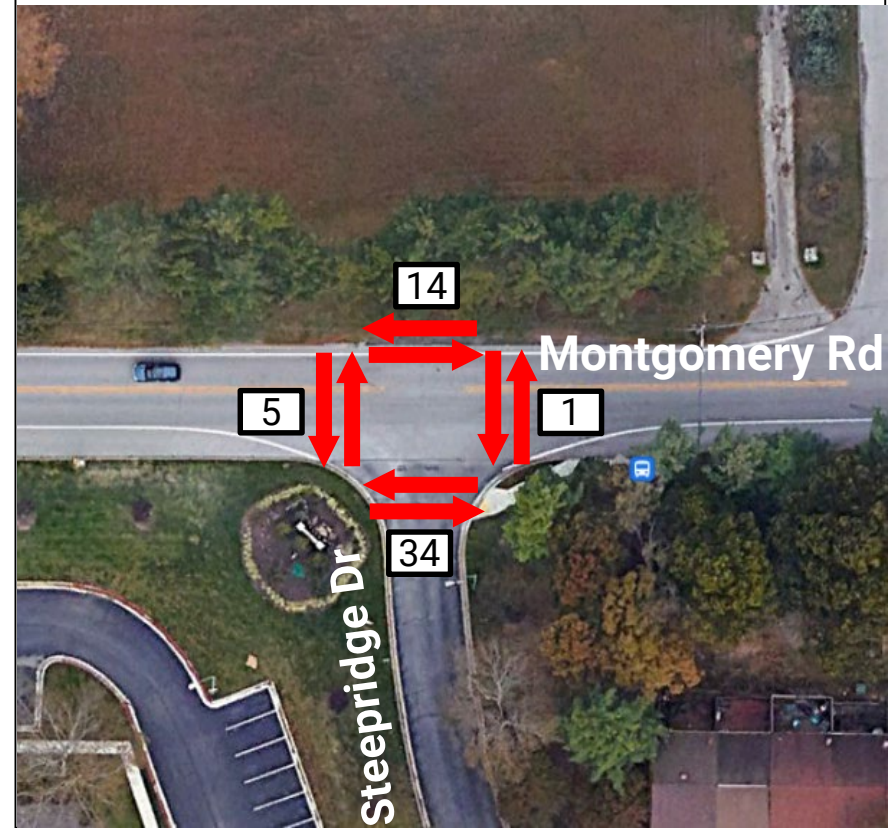


Montgomery Road at Steepridge Drive

**WEEKDAY AVERAGE
Ped/Bicycle Crosswalk Count**

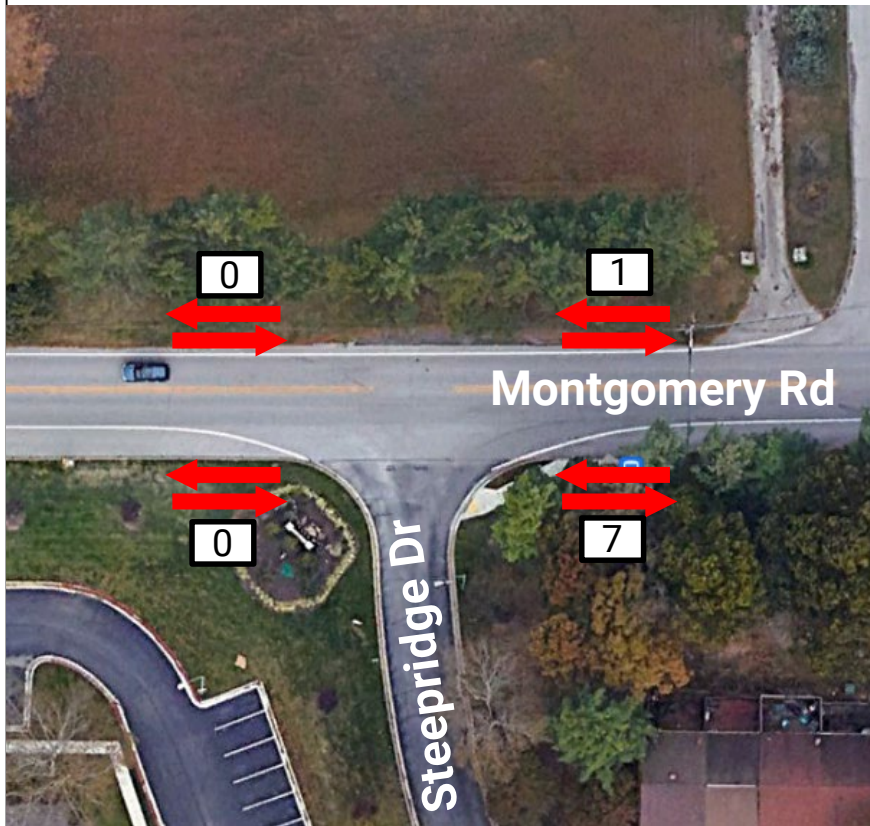


**WEEKEND AVERAGE
Ped/Bicycle Crosswalk Count**

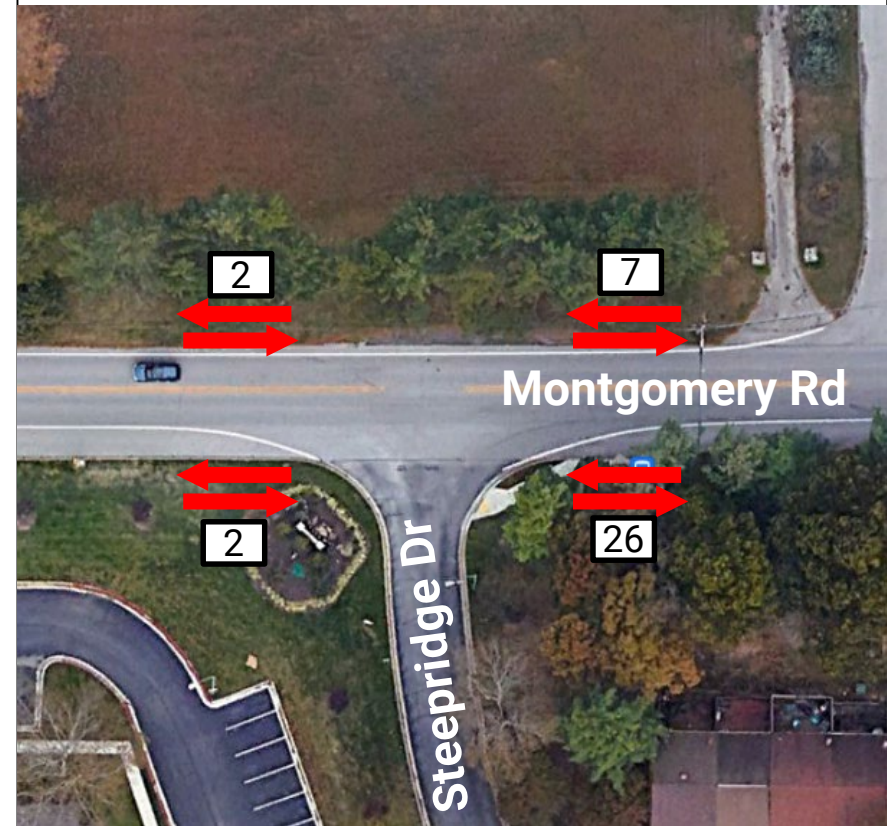


Montgomery Road at Steepridge Drive

**WEEKDAY AVERAGE
Pedestrian Screenline Counts**

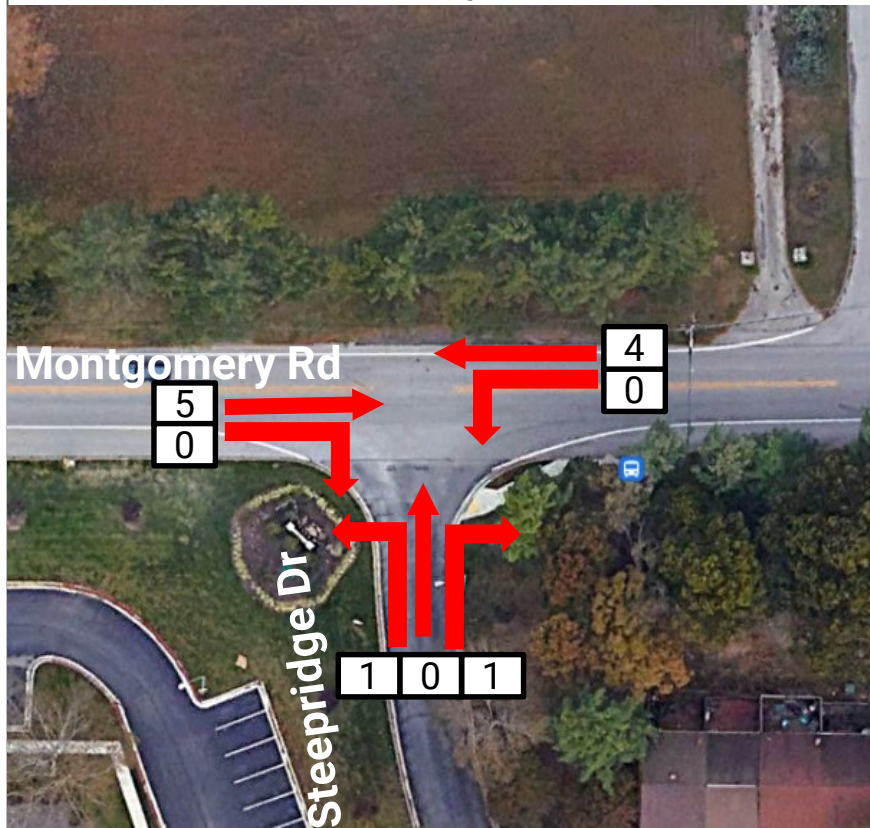


**WEEKEND AVERAGE
Pedestrian Screenline Counts**

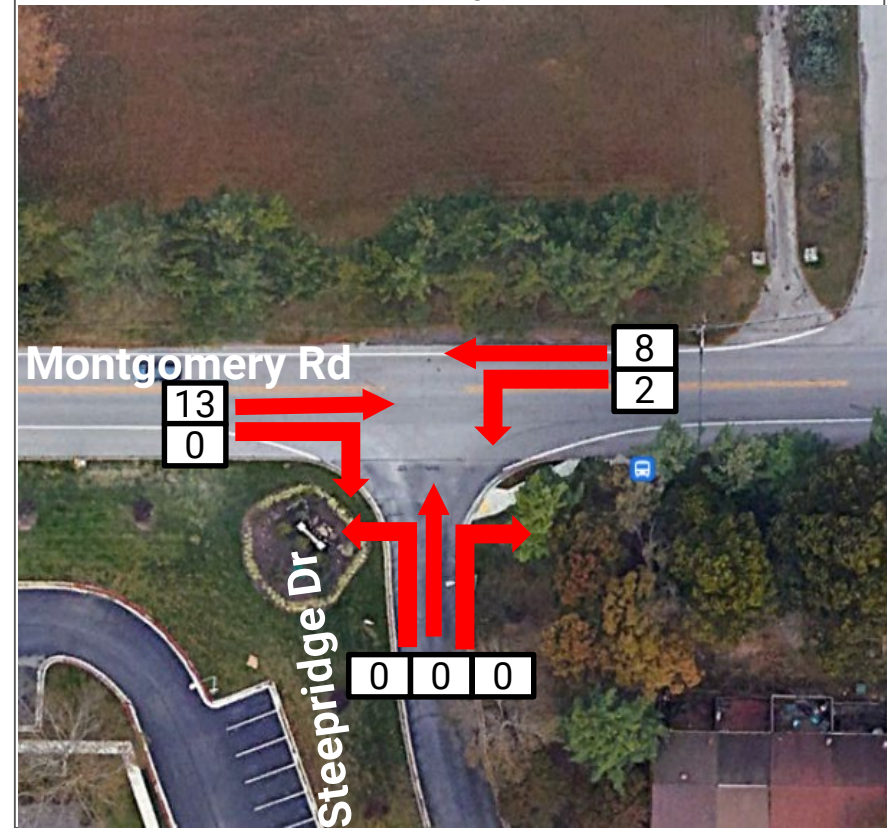


Montgomery Road at Steepridge Drive

WEEKDAY AVERAGE
On Road Bicycle Count



WEEKEND AVERAGE
On Road Bicycle Count



Next Steps

July 20	BMC staff present count data to BPAG
July/August	Fall count locations are updated/submitted and selected
September/ October	Potential months for fall counts

For More Information

Charlene Mingus | Active Transportation Planner

410.732.0500 x1008 | cmingus@baltometro.org | www.baltometro.org



@BALTOMETROCOUNCIL



@BALTIMORE METROPOLITAN COUNCIL



@BALTIMORE METROPOLITAN COUNCIL

