

# Riverdale Park Purple Line Stations Community-Led Walk & Ride: Virtual Work Session

National Center for Smart Growth, UMD College Park  
Purple Line Corridor Coalition  
July 31st, 2024



# Thank you for your assistance and feedback!



STATE HIGHWAY  
ADMINISTRATION



MARYLAND TRANSIT  
ADMINISTRATION



Prince George's County, MD



**Sources:**

*State:*

MDOT/SHA: FY 23/24 CTP (Joe Moges)

MDOT/MTA/PLTP: Engineering drawings (John Farley)

*County:*

Purple Line Cast Study (2011)



Angela D. Alsobrooks, County Executive

# Agenda

1. Purpose of PLCC Community Led-Walk & Ride at Riverdale Park Station
2. Current conditions and proposed improvements
3. Potential issues and gaps
4. Discussion
5. Wrap-up and next steps



MDOT/MTA Rendering of Riverdale Park Station

# Purpose of this Technical Session



**Help us frame the community-led walk & ride**, to achieve its stated purpose:

1. **for policy makers and technical staff** of public agencies **to be informed** by the affected constituencies
2. for area residents, visitors, workers, shoppers and businesses to **benefit from the technical expertise and political dynamics so they can better affect change.**

The community-led walk will also provide a unique opportunity to **affirm the progress being made, explain the work under construction, and share what is already committed to be built.**

We are confident that participants of the walks will come away with increased understanding of **how the Purple Line will be the vibrant, efficient, and welcoming community building infrastructure project it is designed to be.**

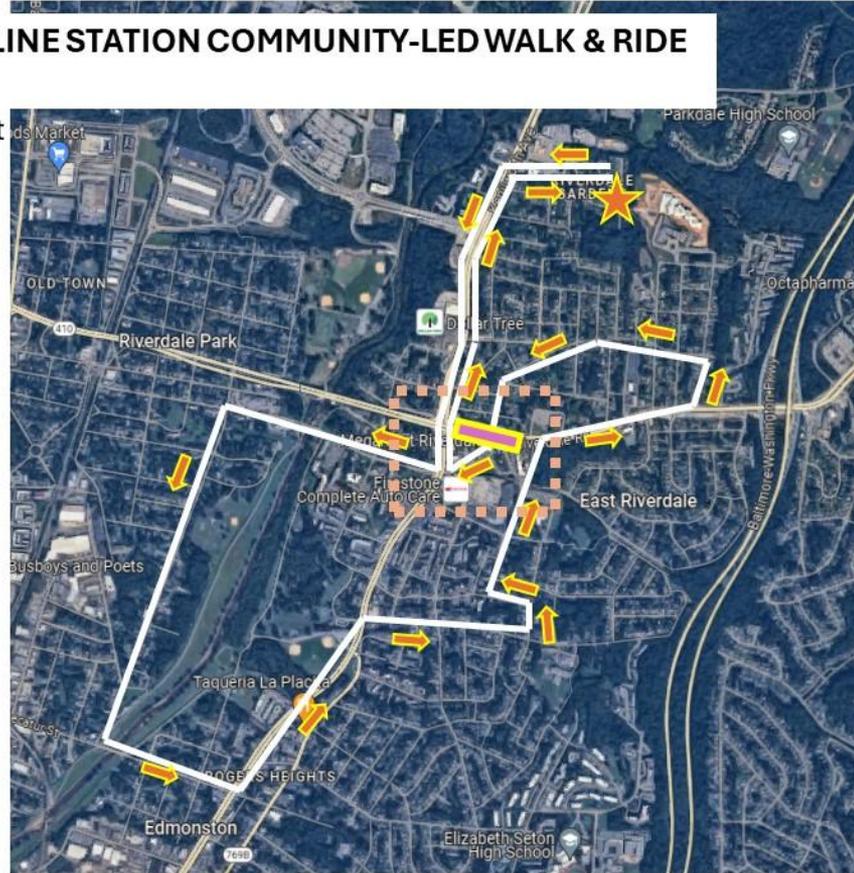
# Community-Led Walk and Ride - Route Map



## RIVERDALE PURPLE LINE STATION COMMUNITY-LED WALK & RIDE

### Conceptual Route

-  Sarvis Restaurant (start / end)
-  Bus route and direction
-  direction
-  Purple Line Station
-  See next slide for walk route



## RIVERDALE PURPLE LINE STATION COMMUNITY-LED WALK & RIDE Conceptual Route

 Walk stop & talk

 Bus drop off  
(start / end)

 Walk route and  
direction

 Purple Line  
Station

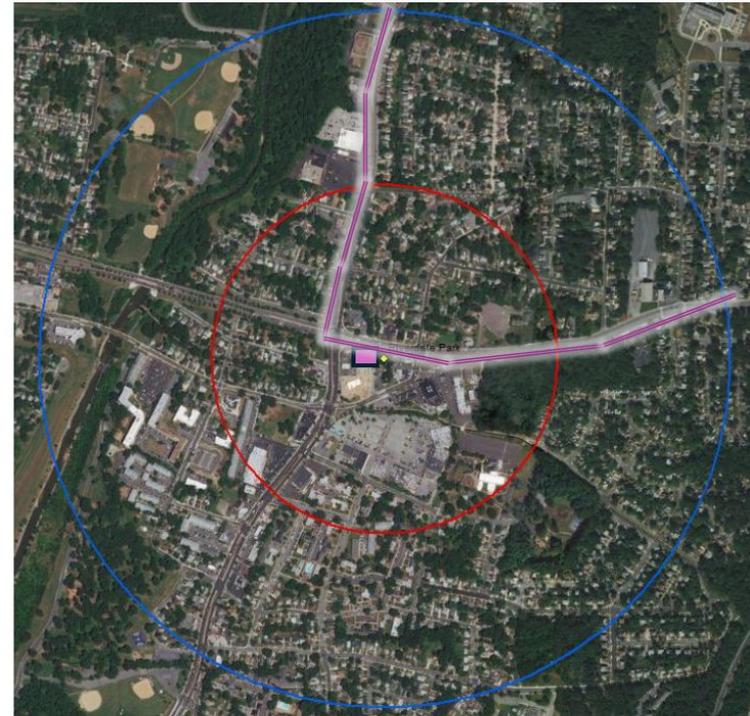
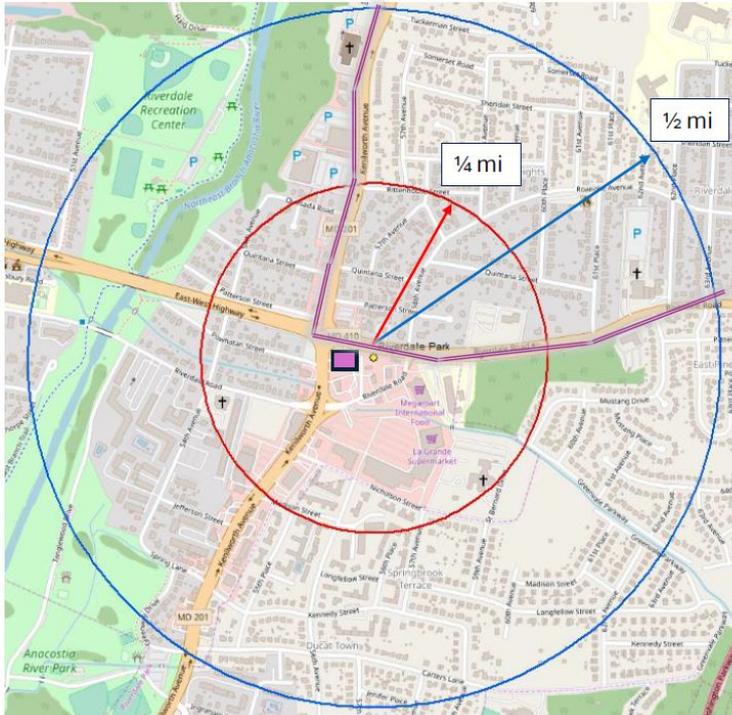
See previous  
slide for  
bus route



# Current Conditions for the area covered by the Community-Led Walk



## Riverdale Park: ½ mile station area

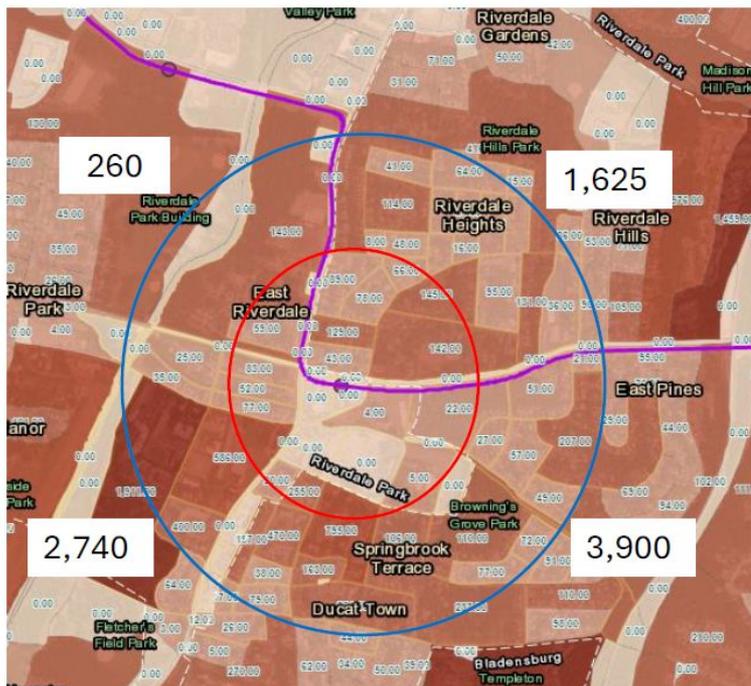


# Current Conditions for the area covered by the Community-Led Walk

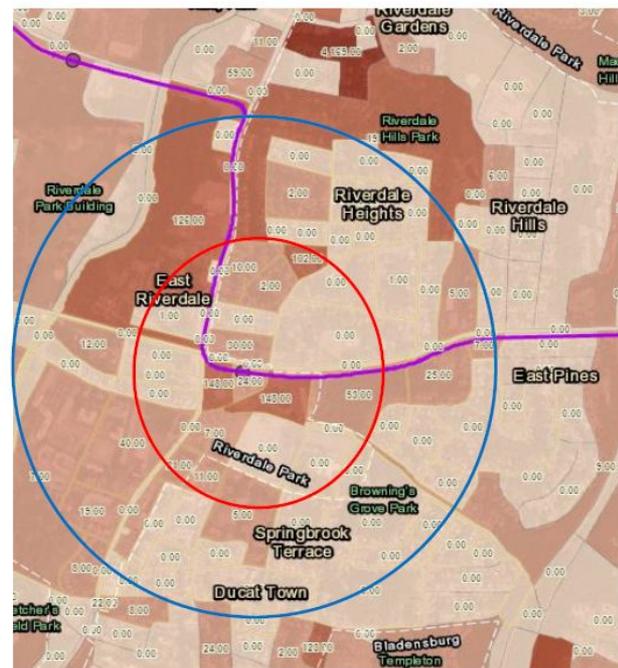


## Population and Jobs

Population: 8,561



Jobs: 878



# Current Conditions for the area covered by the Community-Led Walk



## Map of the Population Density Surrounding the Riverdale Park Purple Line Station



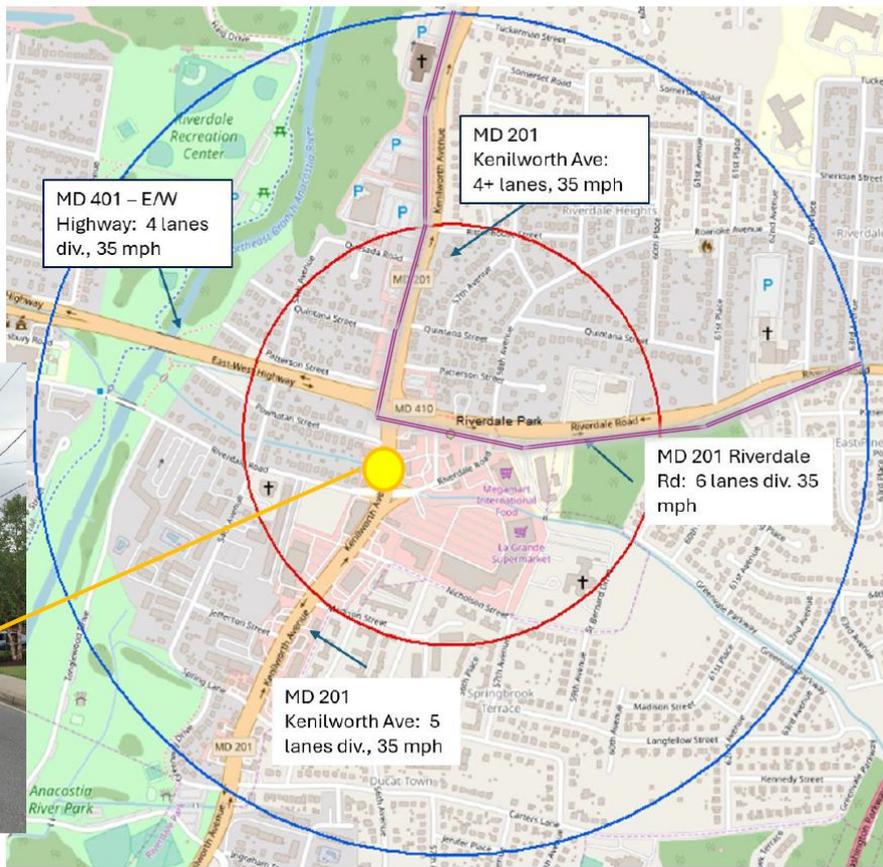
**Caption:** The map on the left is the population density of each census block group in Prince George's County, MD. The data was received from the American Community Survey (2021) and ranked using a quantile distribution. Darker green signifies **higher** population density, while lighter green signifies **lower** population density. The map on the right is zoomed in, focusing on the block groups surrounding **Riverdale Park Purple Line Station**, as shown by the symbol.



# Current Conditions for the area covered by the Community-Led Walk



## Riverdale Park: Major Road Facilities



# Current Conditions for the area covered by the Community-Led Walk

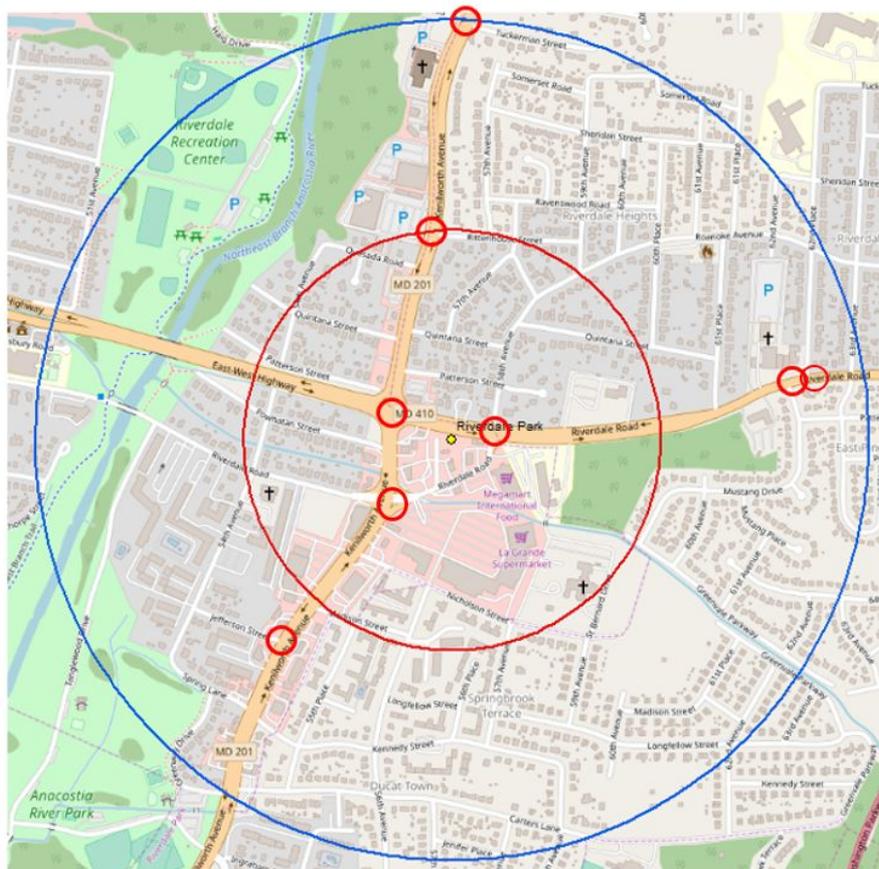


## Riverdale Park: Signalized Intersections

### 7 signalized intersections:

- MD 410 & MD 201
- MD 410 & 58<sup>th</sup> Ave
- MD 410 & 62<sup>nd</sup> PI\*
- MD 410 & Mustang Dr \*
- MD 201 & Riverdale Rd
- MD 201 & River Rd
- MD 201 & Rittenhouse \*
- MD 201 & Jefferson \*

\* 3-way T-intersections



# Current Conditions for the area covered by the Community-Led Walk



## Riverdale Park: Crosswalks

Note: "Condition" of crosswalk is not shown; many appear to need maintenance, upgrade to high visibility.



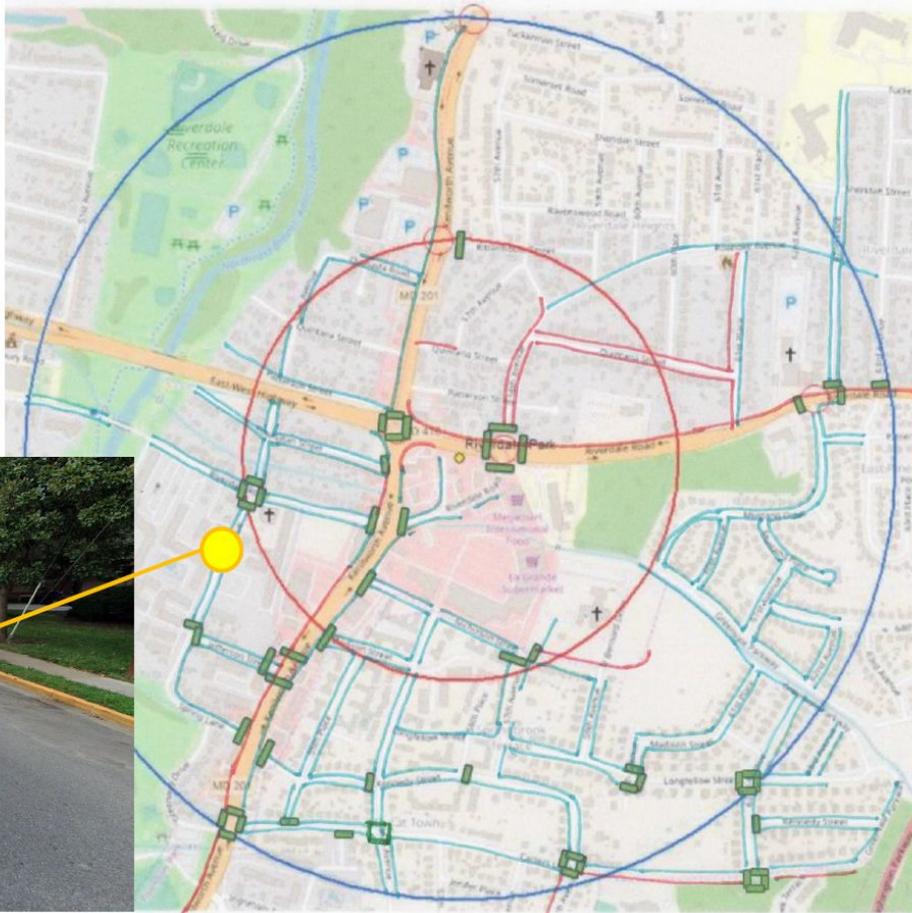
# Current Conditions for the area covered by the Community-Led Walk



## Riverdale Park: Sidewalk Network

- Adequate
- Inadequate
- None

*There may have been upgrades in SE quadrant: Google Street Map out of date (2019/2020)?*

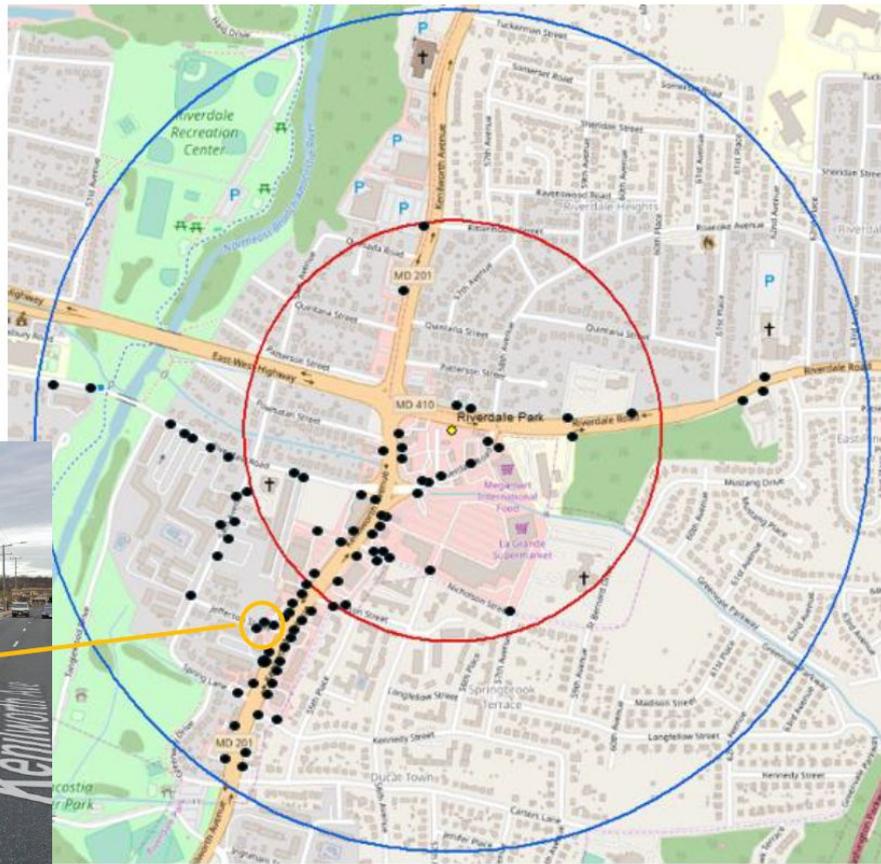
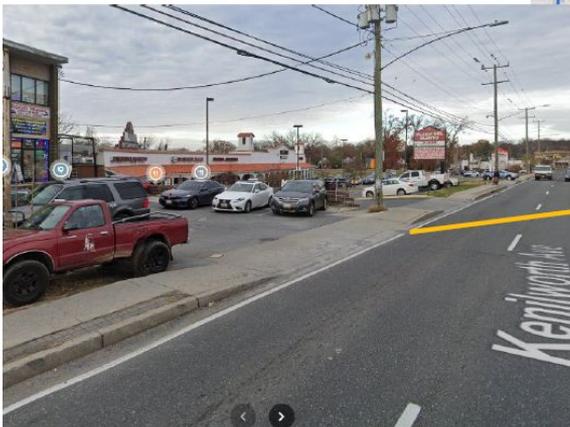


# Current Conditions for the area covered by the Community-Led Walk



## Riverdale Park: Curb Cuts & Commercial Driveways

*Without pedestrian safeguards*



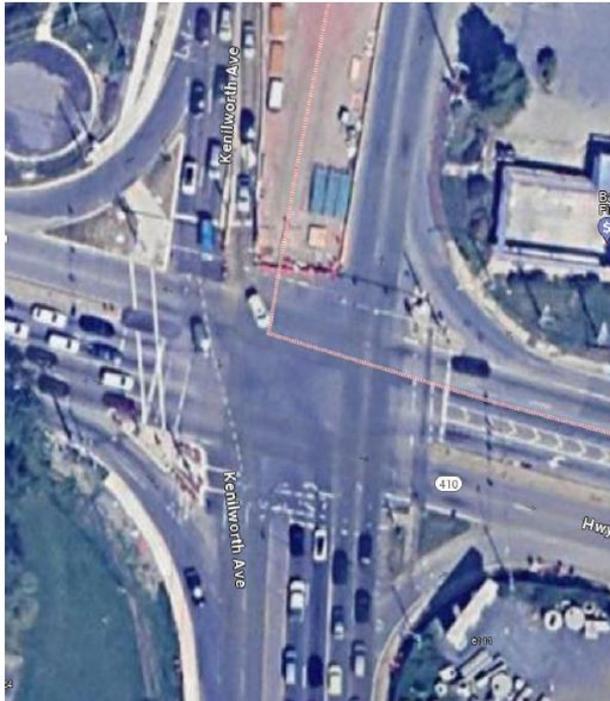
# Current Conditions for the area covered by the Community-Led Walk



## Riverdale Park: Channelized Turns

East-West and Kenilworth

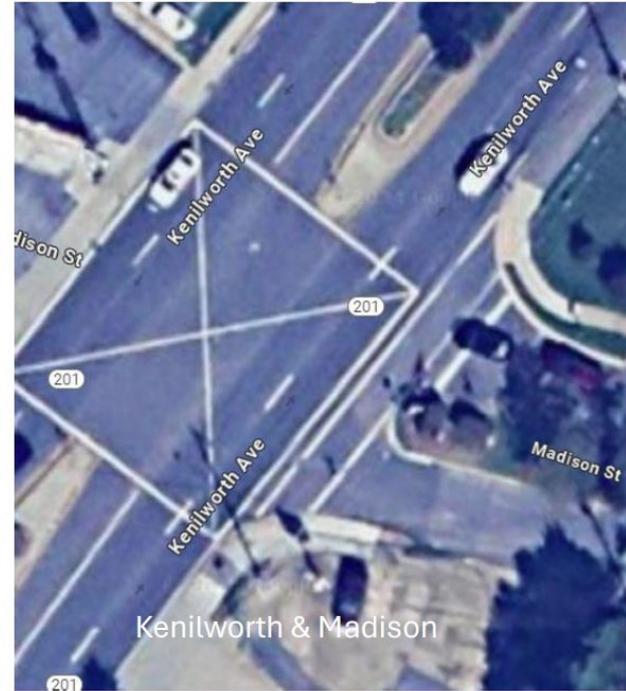
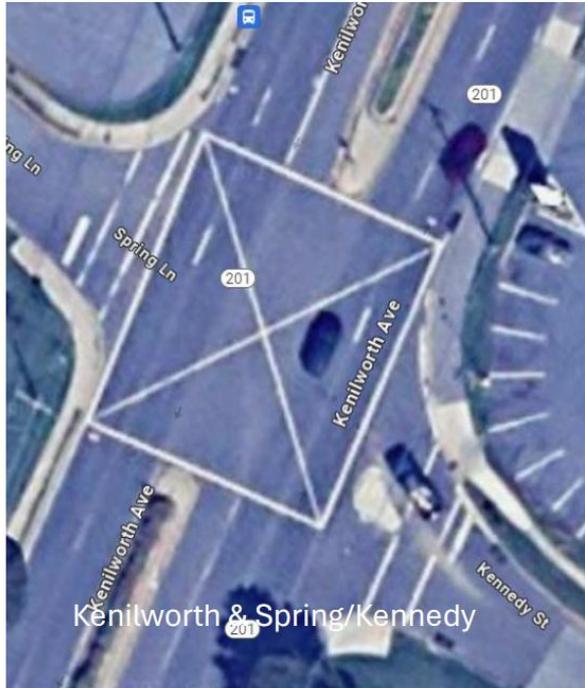
Riverdale and Kenilworth



# Current Conditions for the area covered by the Community-Led Walk



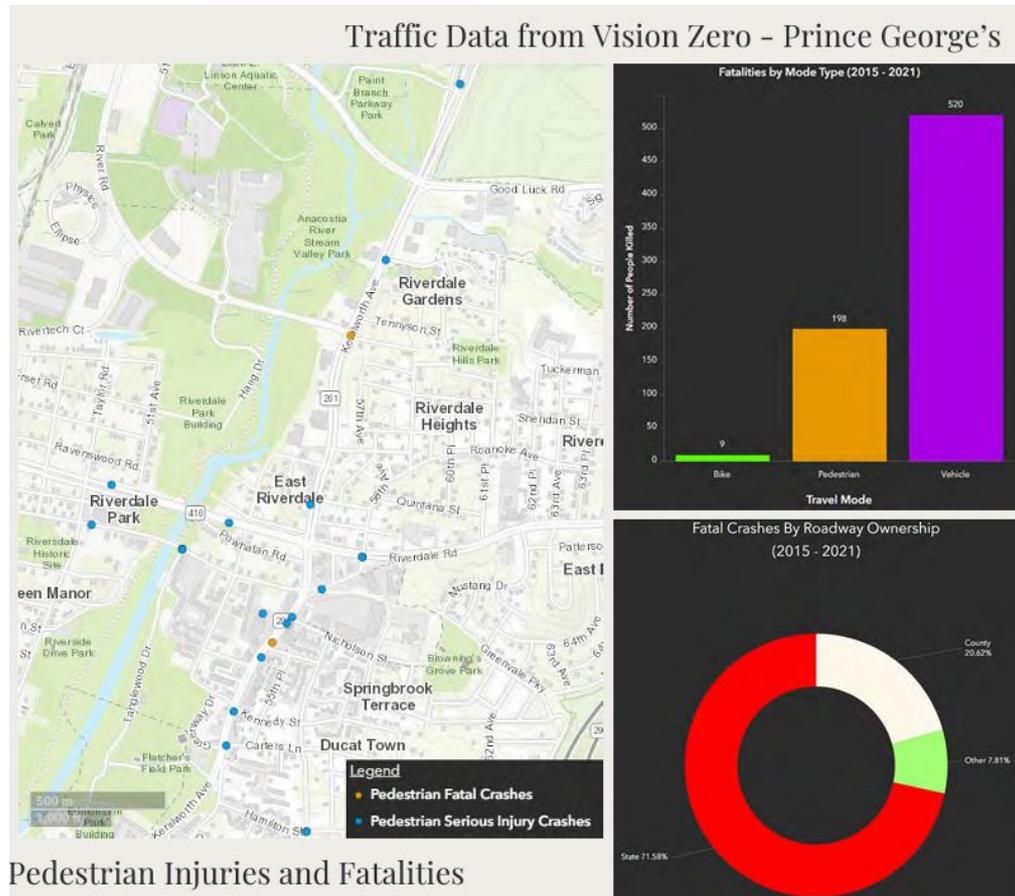
## Riverdale Park: Wide Radius Corners



# Current Conditions for the area covered by the Community-Led Walk



From UMD Landscape Architecture PALS Class (Spring 2024, Jack Sullivan)

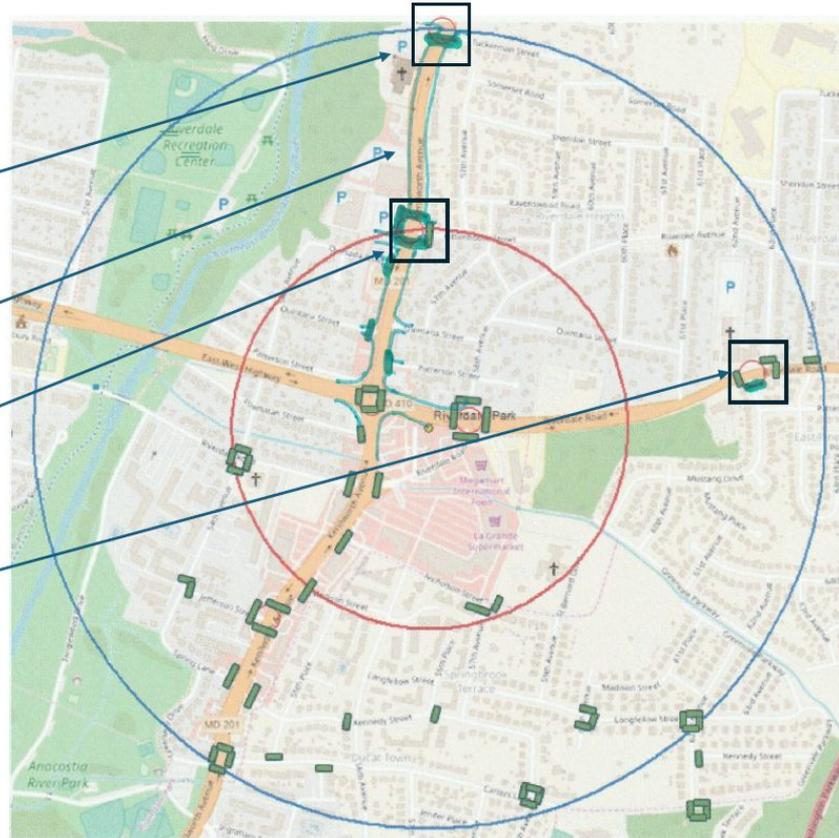


# Proposed improvements



## Proposed Improvements: MDOT/SHA/MTA

- Full 4-way intersection at MD 201 and River Rd/Tuckerman, but only 1 crosswalk
- New sidewalks along both sides of MD 201 between River Rd and MD 410
- Full 4-way crosswalks at Kenilworth and Rittenhouse (already signalized)
- Consolidation of staggered intersection at Riverdale Rd (MD 410) and 63<sup>rd</sup> Ave with 4-way crosswalks.



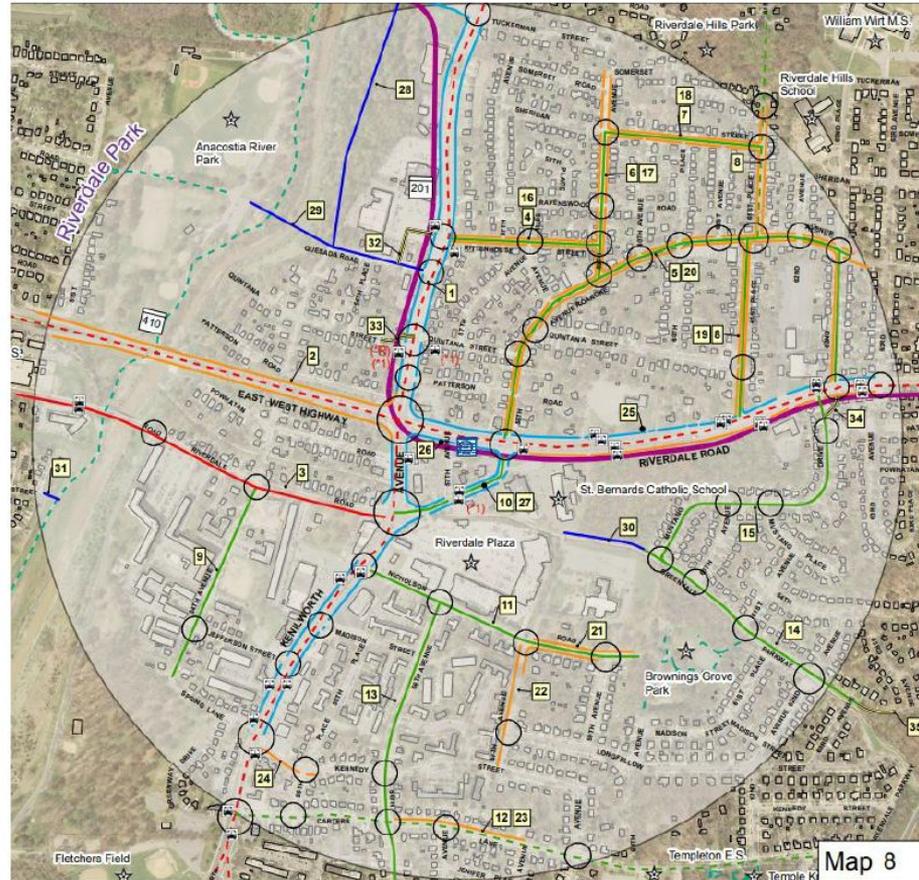
## Key Outstanding Gaps/Uncertainties: State *Focus on MD 410 and MD 201*

- Sidewalk treatment along parts of 410 and 201 **NOT** carrying the Purple Line
- Sidewalk width, proximity to curb lane traffic (esp 410 eastbound)
- Signal spacing (1/4 mile), timing and pedestrian cycles
- Speed limits and enforcement plans
- Management of channelized turns, wide radius corners
- Design and management of critical intersections at Kenilworth and MD 410, Kenilworth and Riverdale Rd
- Curb cuts – number and marking/management (state or county?)

# Proposed Improvements: Prince George's County

## 2011 Corridor Access (CAST) Study

- Intersection Improvement
- Bike Lane- Recommended
- Cycle Track- Recommended
- Roadway- Recommended
- Sidepath- Recommended
- Sidewalk- Recommended
- Shared Use Path- Recommended
- Shared Use Roadway- Recommended
- Bike Lanes- Planned
- Shared Use Roadways- Planned
- Hard Surface Trails- Planned/Existing
- Natural Surface Trails- Planned
- Side Paths- Planned
- County Boundary
- Purple Line LPA Alignment



## Key Outstanding Gaps/Uncertainties: County

### Status of 2011 Cast Study recommendations:

- Correlation/coordination between county and state plans RE state highways (sidewalks, crosswalks, signalization)
- Connectivity between population “quadrants” to PL station (esp Riverdale Rd, Megamart parking lots)
- Sidewalk and intersection recommendations in neighborhoods (esp northeast)
- Development plans for immediate station area
- Dealing with curb cuts, parking consolidation
- Integration of new & existing transit services

## Wrap-up

- Thank you again!
- Any final comments or questions?
- Can you (or your designee) join us on the walk?
  - **Saturday October 5th (morning)**