



# Braddock Heights Improvements Project



**Community Meeting  
Middletown Primary School  
December 10, 2024, 7:00 p.m.**

**Frederick County Division of Public Works  
Dept. of Engineering and Construction Management  
Office of Transportation Engineering**

# Project Team

**Ivey Brown- Project Manager**

**John Barrett – Assistant Chief of Office of Project Management**

**Amanda Radcliffe – Chief of Office of Project Management**

**GPI – Engineering Consultants**



# Project History

- **Prior Project Manager** - Madeleine Dolan
- **December 2021** – 1<sup>st</sup> community meeting to introduce the project and receive public input
- **April 2023** – 2<sup>nd</sup> community meeting had concepts plans for review and received public feedback
- **December 2024** – 3<sup>rd</sup> community meeting is a progress update to the concepts plans incorporating comments

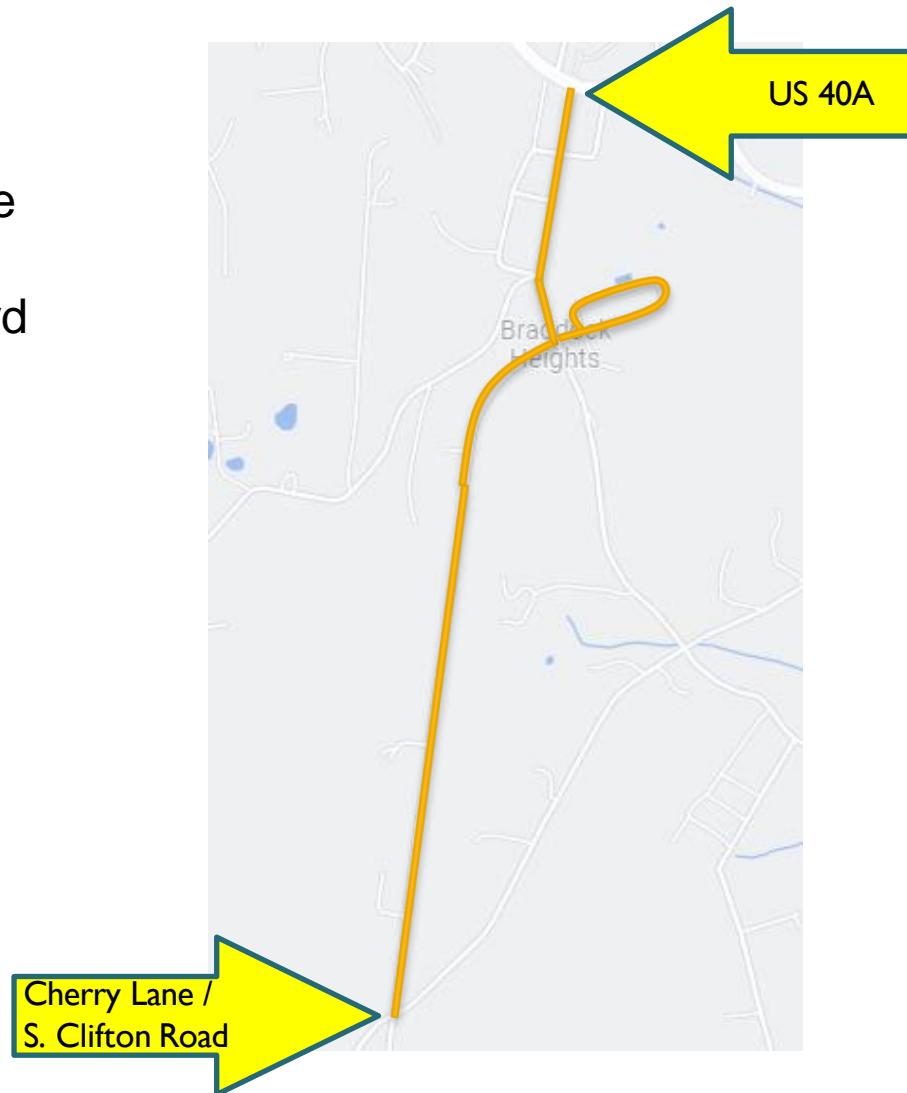
# Project Overview

- Improvements will address:
  - Pedestrian Accessibility and Connectivity
  - Traffic Calming and Safety
  - Roadway Drainage Issues
- The project is funded 100% by Frederick County Government. *No community match.*

# Project Location Map

Roads:

- Maryland Ave
- Schley Ave
- Jefferson Blvd

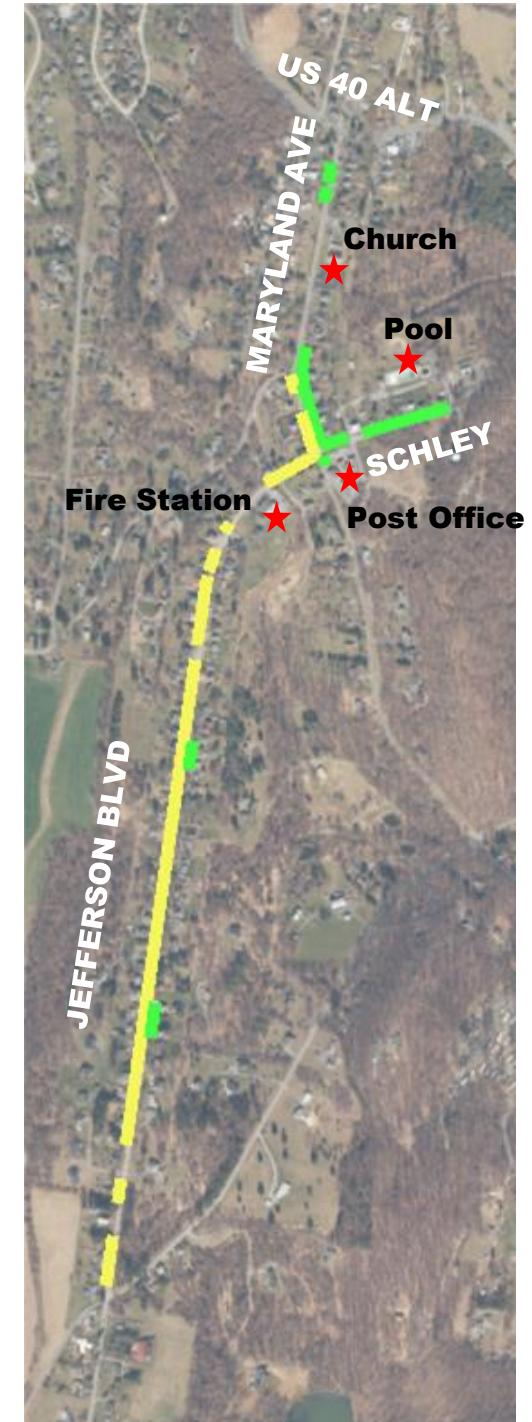


# *Existing Pedestrian Connectivity*

 Accessible Sidewalk

 Sidewalk Doubling  
as Parking Area

 Place of Interest



# Proposed Pedestrian Connectivity

 Accessible Sidewalk

 Designated Areas for  
Roadside Parking

 Place of Interest



# *Americans with Disabilities Act (ADA)*

- The County is required by Maryland State Highway Administration (SHA) to bring pedestrian facilities in the County into compliance.



- This includes:
  - Sidewalks
  - Ramps
  - Pedestrian Crossings

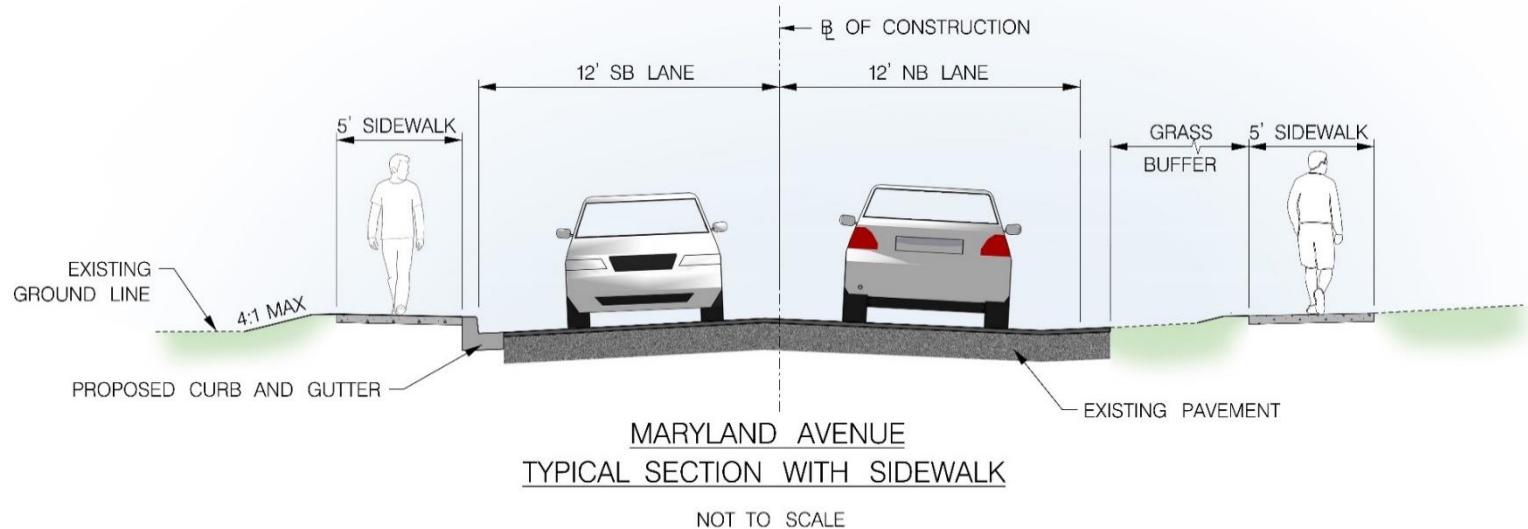
# Accessible Sidewalk Design

- 5 feet wide is federally recommended
  - Pinch points of 3 feet wide at constraints
- Grass buffer or curb and gutter adjacent
- Ramps provided at intersections

- Striped and signed crosswalks
- Driveway aprons and ramps
- Note: Frederick County codes require *all* residents to maintain sidewalk adjacent to their property.



# Typical Sidewalk Application





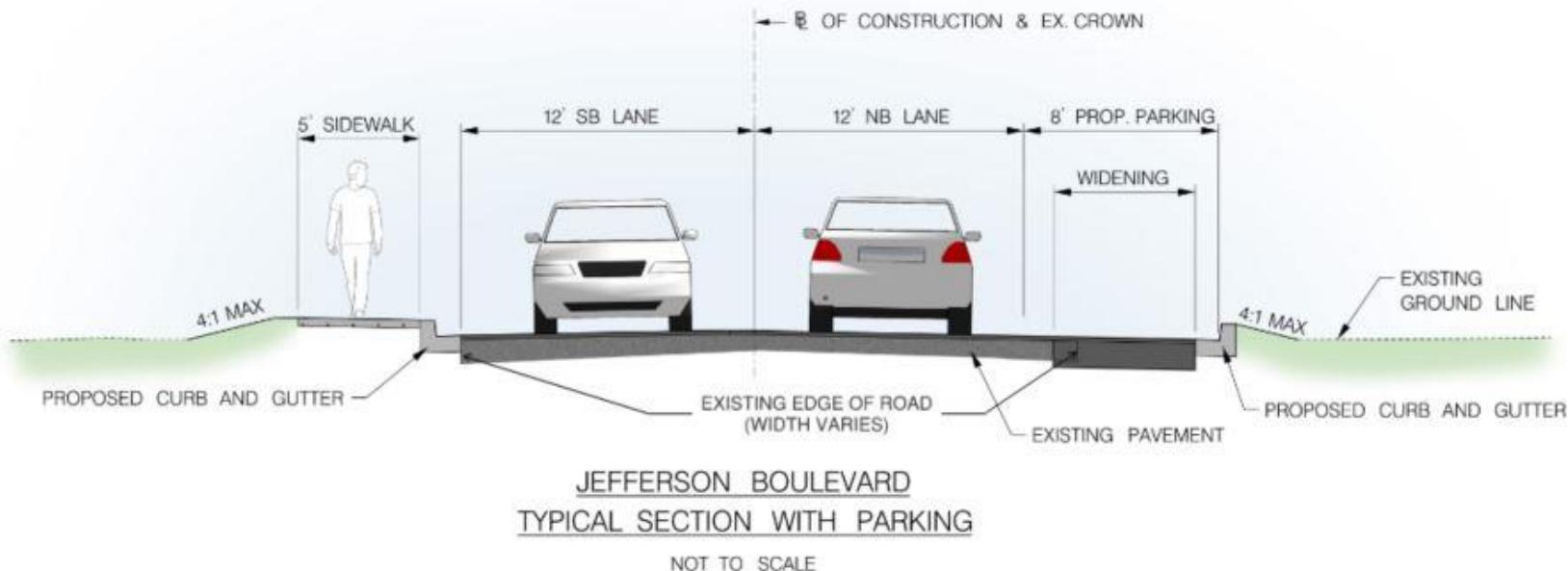
*Maryland Ave looking towards US 40*

# Street Parking

- 8 feet wide shoulder parking areas from 6613 Jefferson Blvd. to Maryland Ave.
- Most other residents have dedicated driveways



# Typical Sidewalk and Parking Application

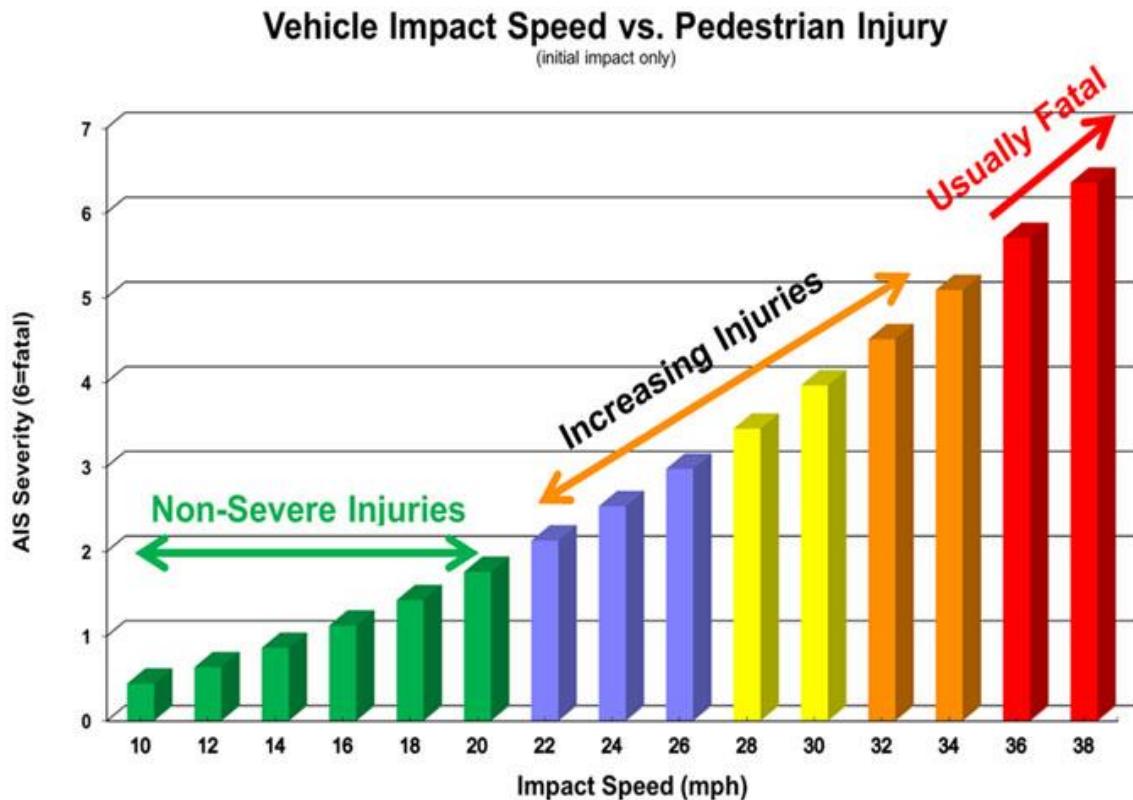




*Jefferson Blvd looking towards Maryland Ave*

# Traffic Calming Goals

- To reduce vehicle speeds in residential areas.
- Improve safety for pedestrians and cyclists
- Give pedestrians and bicyclists time to detect and avoid vehicles.
- Reduce the severity of injury on impact to pedestrians, which is much greater at higher speeds.



# *Typical Traffic Calming Techniques*

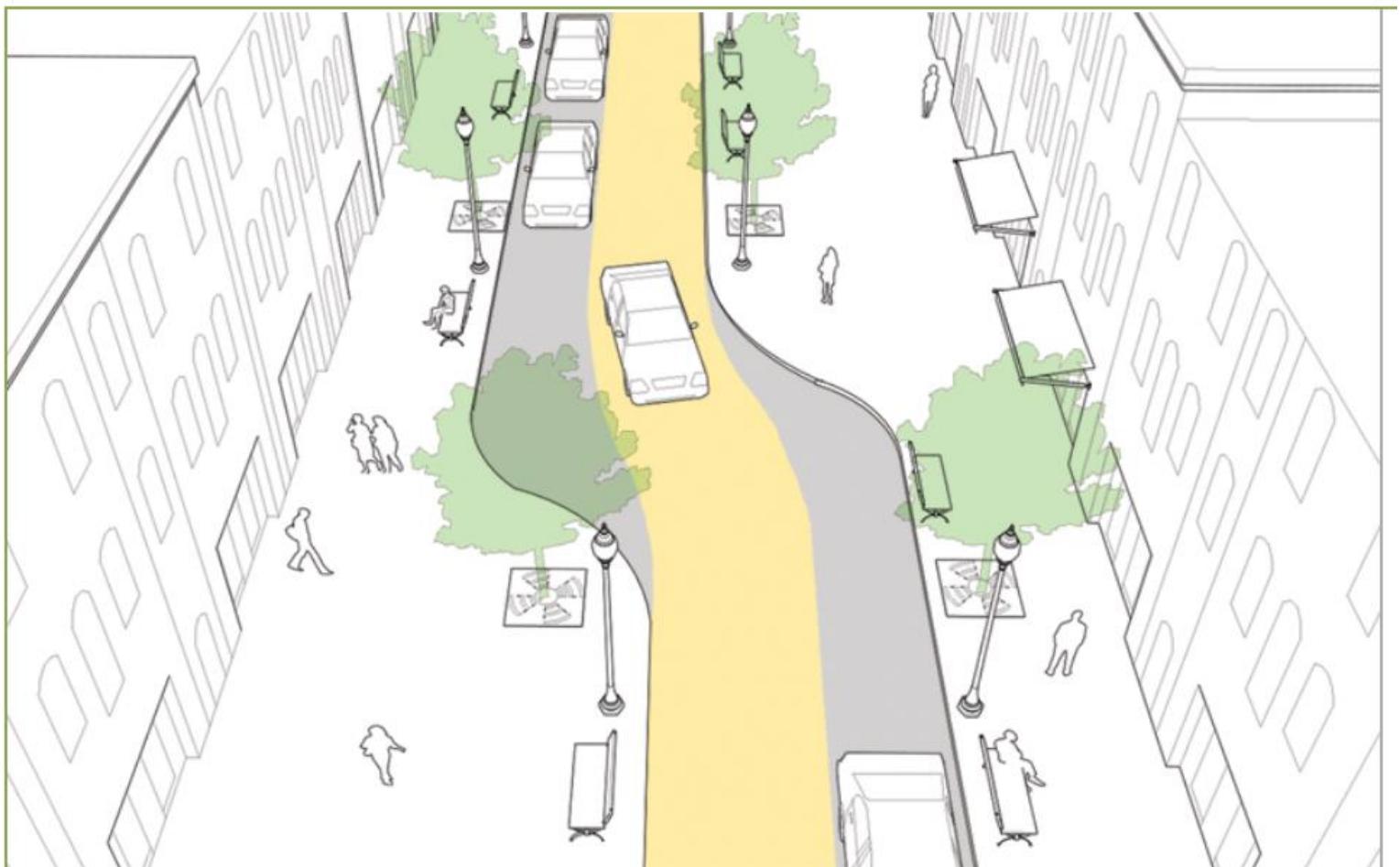
- Vertical deflections (speed humps, bumps, tables, and cushions)
- Horizontal shifts (chicanes, roundabouts)
- Roadway narrowing (curb bump outs)

# *Speed Cushion*



*Image from the NAACTO Urban Street Design Guide*

# Chicane



*Image from the NAACTO Urban Street Design Guide*

# Roadway Drainage

- Upgrade and repair existing infrastructure impacted by the project
- Install new drainage structures along proposed closed sections of roadway.





# *Project Schedule*

## **Study Phase**

- July 2021 – January 2023

## **Design Phase**

- 2024-2025

## **Construction Phase**

- Anticipated start in 2026 as currently proposed in the Fiscal 2025 Adopted Capital Improvement Program Budget FY2025-2030



# Questions

- We will now open the meeting for questions.
- Meeting minutes from this meeting, including comments and responses, will be uploaded to our website.

*Thank you!*