

# N. Ohio Street Safety Improvements

Spring 2022 Virtual Community Meeting

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DES - Transportation

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March 22, 2022



# In Today's Presentation

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- Agenda and Overview
- Project Goals & Background
- Community Feedback
- Revised Concept
- Next Steps
- Question & Answer

# Ground Rules

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- Common understanding
  - This project is funded and advancing to address known safety issues
  - Engagement is one component of the factors informing the design
- Mutual respect
  - Focus on the project
  - Assume good intentions
  - Seek to understand
- Yield to others
  - The meeting will be moderated to ensure everyone has a chance to ask questions
  - We welcome your thoughts at any time by telephone or via email.

# How This Works

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- Submit questions during the presentation in the **Meeting Chat**
  - We'll start with the questions received once we reach the Q&A
- **Raise your hand** to be called upon
  - You can use the reactions to indicate support for statements or questions
- Allow everyone a chance to chime in

# Project Overview & Background

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# N. Ohio Street @ 12<sup>th</sup> Road N. Project Area





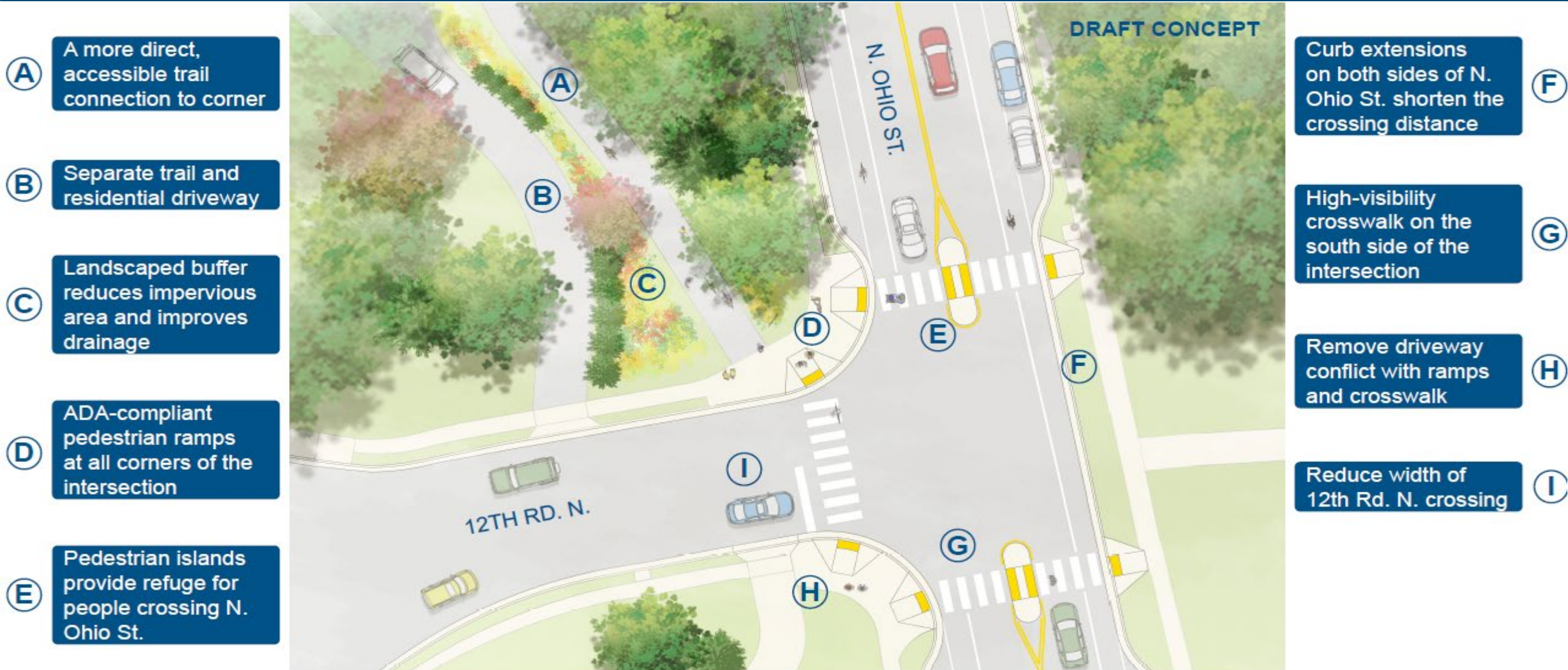
# Project Purpose & Goals

- Project Purpose:
  - Address safety concerns voiced by public
    - Speeding, limited visibility, lack of clear trail connection.
  - Build upon recent improvements along North McKinley Road/North Ohio Street
  
- Project Goals:
  - Provide shorter, safer crossings
  - Develop a more direct, accessible trail connection
  - Remove conflicts between driveways and people walking & biking
  - Minimize impervious area



Top: Existing crossing signage at 12<sup>th</sup> Rd N  
Above: Travel & Driveway conflict on NW Corner

# Original Design Concept – Spring 2021





# Community Feedback

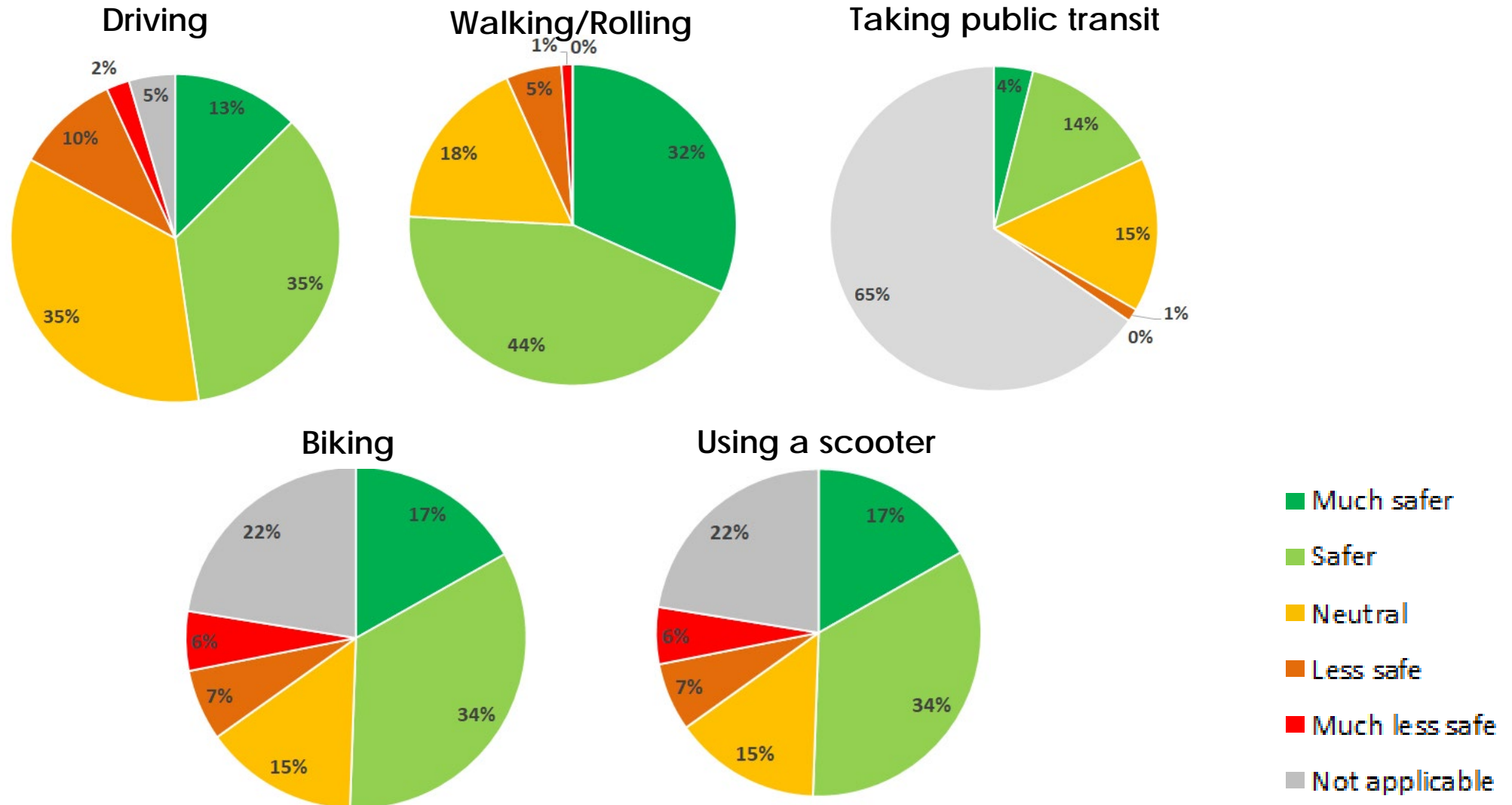
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Spring 2021 Engagement



# Conceptual Design Safety Feedback

## Perceived Safety of Conceptual Design Improvements



# Conceptual Design Comments



## Bicycle & Pedestrian Concerns

- Concept does not adequately address the east side of N. Ohio Street
- 90-degree turns require skilled maneuverability
- Lack of smooth transitions create conflicts between those walking and bike.



## Vehicle Traffic Concerns

- Sight distance issues currently exist
  - Southbound over I-66 Bridge
  - Northbound curve approaching bridge
- Request for traffic calming measures or additional signage.



## Surrounding Areas

- 11<sup>th</sup> Rd N at 12<sup>th</sup> Rd N intersection
  - Visibility & speeding of vehicles turning from 11<sup>th</sup> Rd N towards N. Ohio.
  - Increase scope to include 11<sup>th</sup> Rd N/12<sup>th</sup> Rd N. intersection.
- East Side Trail Connection
  - Steep grade and maneuverability concerns.



## Other Comments Received

- Reduce amount of impervious area.
- Reduce impacts to existing access road
- Reduce impacts to trees

# Conceptual Design Comments

Reduce amount of impervious area. Consider redesign to reduce impacts to access road and trees.

Sight distance issues and speeding concerns. Traffic calming measures requested.

DRAFT CONCEPT

90-degree turns would require skilled maneuverability. Additional trail improvements needed.

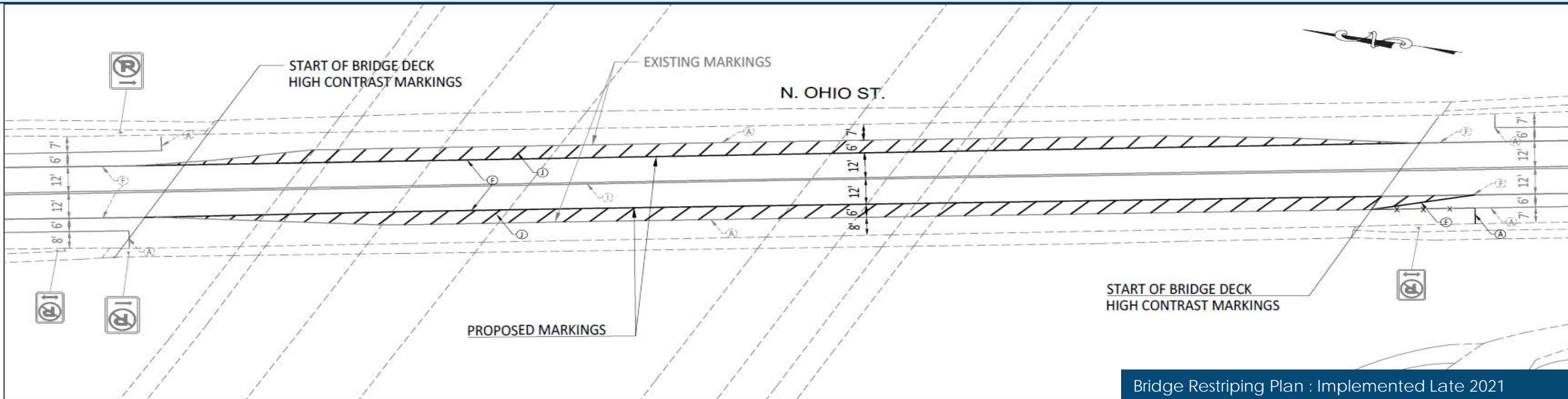
Include pedestrian safety improvements to 11<sup>th</sup> Rd N/12<sup>th</sup> Rd N intersection.

11<sup>th</sup> Rd N intersection has visibility issues and speeding concerns.





# Implemented Improvements



Bridge Restriping Plan : Implemented Late 2021

- Implemented Improvements:
  - Removal of extra bridge width
  - Created 12' travel lanes
  - Eliminated parking on bridge.
- Future Improvements:
  - Protected Bike Lanes
    - North side of bridge to 14<sup>th</sup> Street
  - Buffered Bike Lane
    - Bridge to 12<sup>th</sup> Street N

# Revised Concept

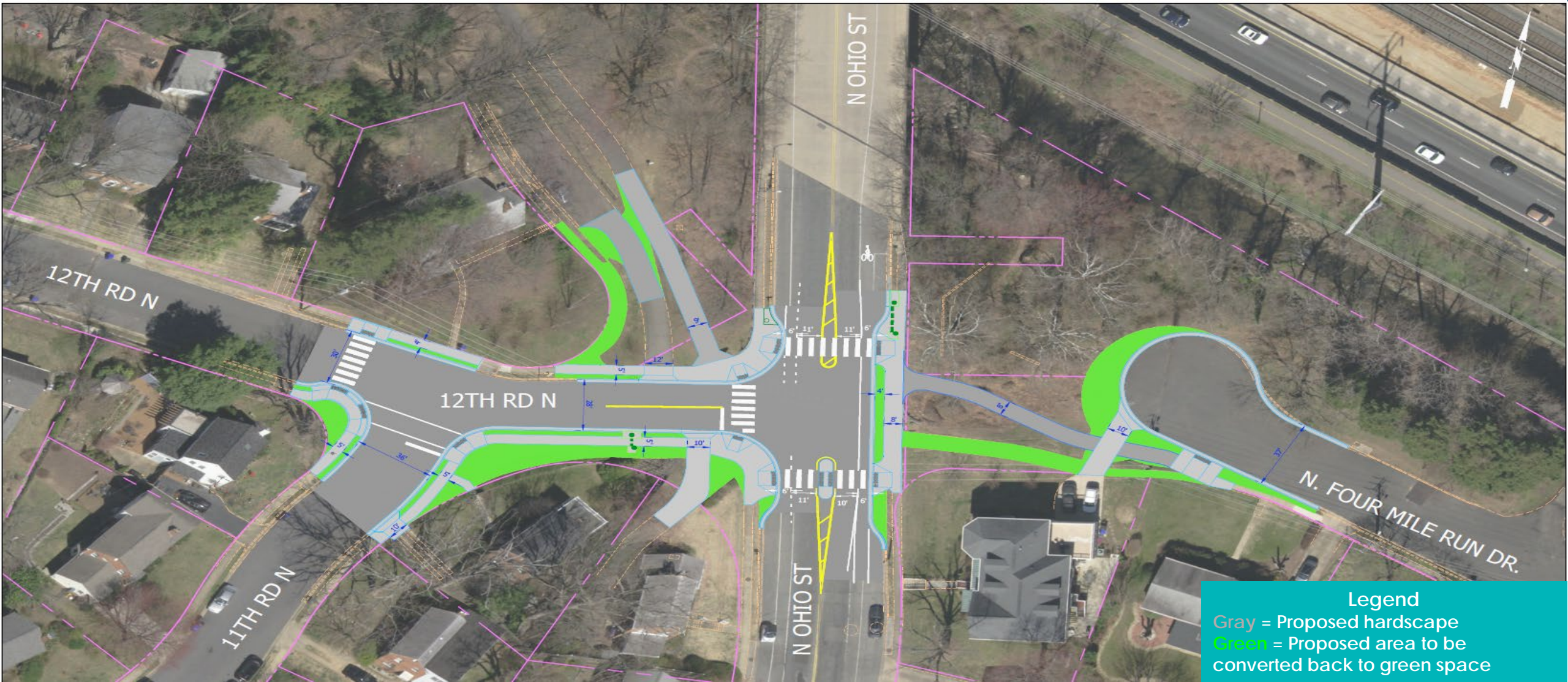
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Spring 2022



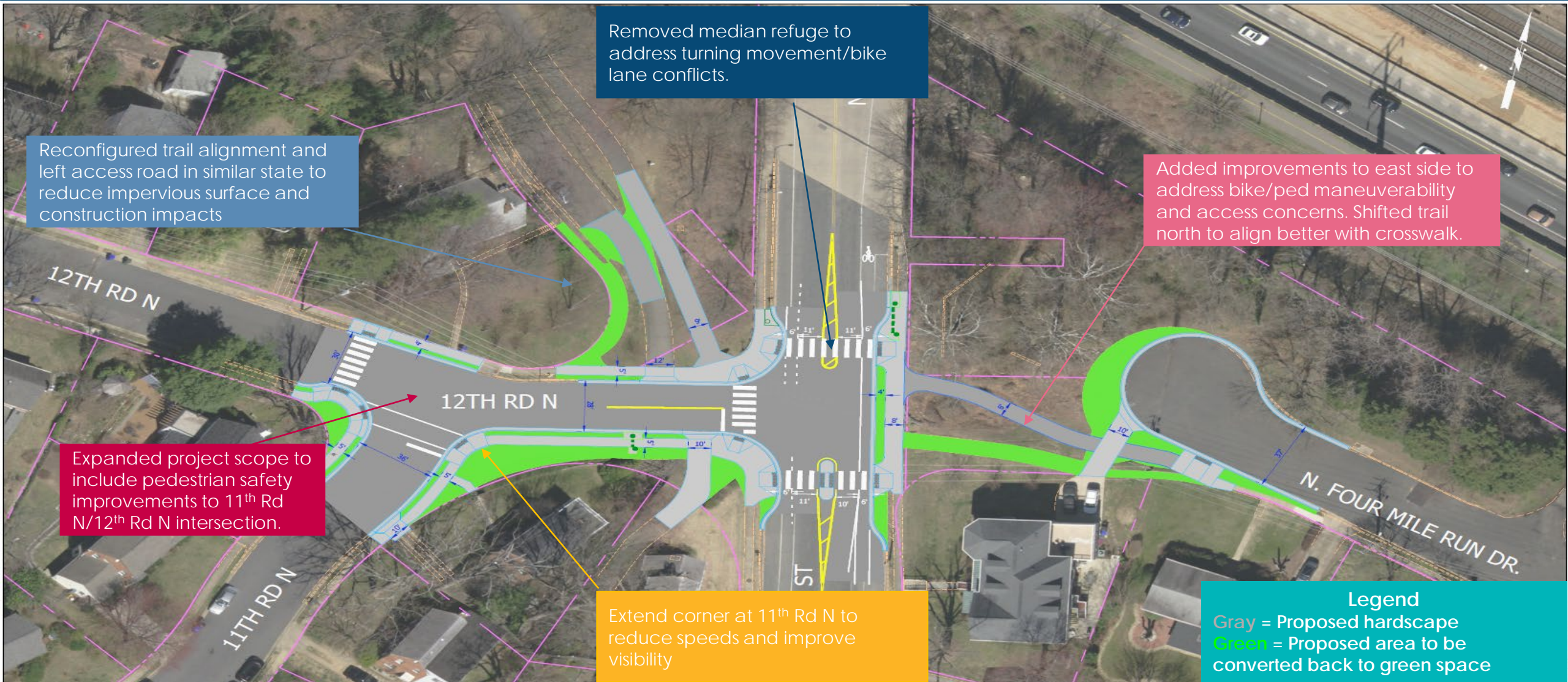


# Revised Design Concept – Spring 2022





# Revised Design Concept – Spring 2022



Removed median refuge to address turning movement/bike lane conflicts.

Reconfigured trail alignment and left access road in similar state to reduce impervious surface and construction impacts

Added improvements to east side to address bike/ped maneuverability and access concerns. Shifted trail north to align better with crosswalk.

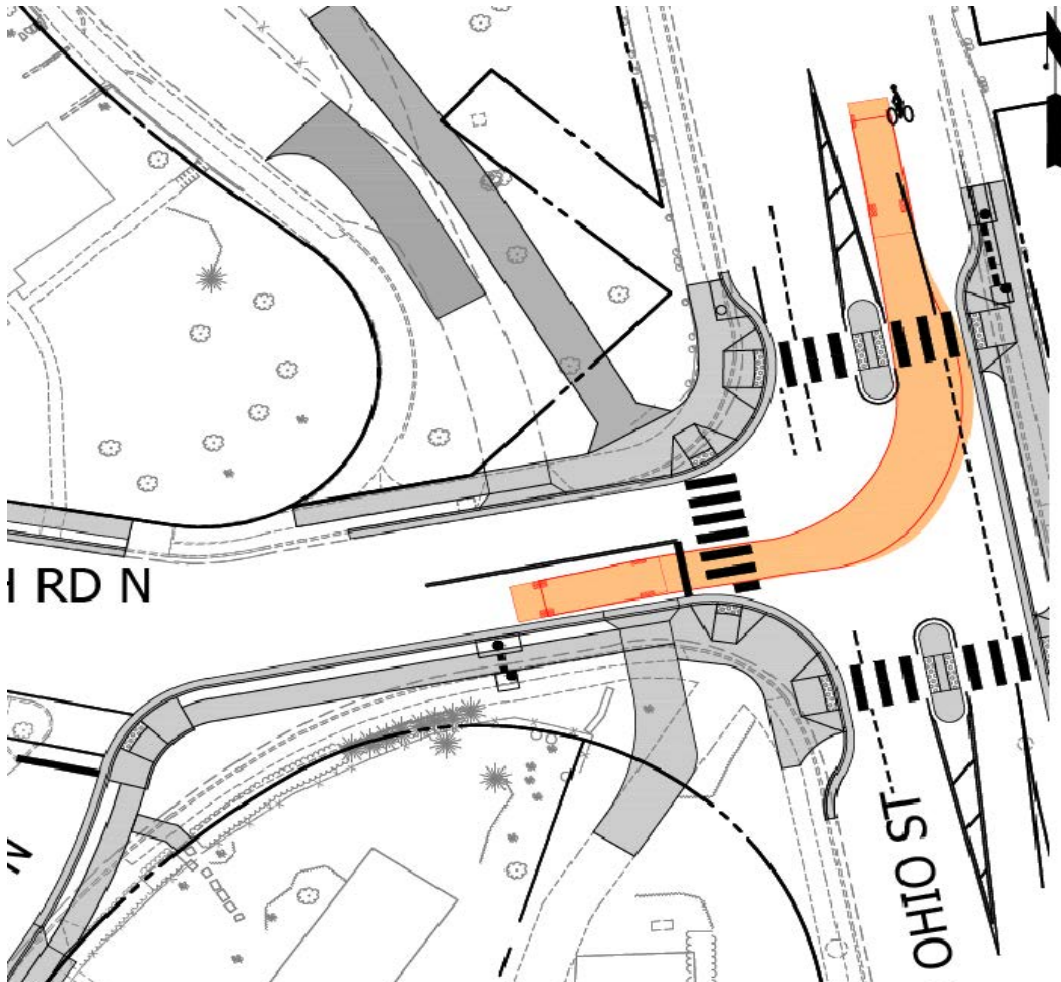
Expanded project scope to include pedestrian safety improvements to 11<sup>th</sup> Rd N/12<sup>th</sup> Rd N intersection.

Extend corner at 11<sup>th</sup> Rd N to reduce speeds and improve visibility

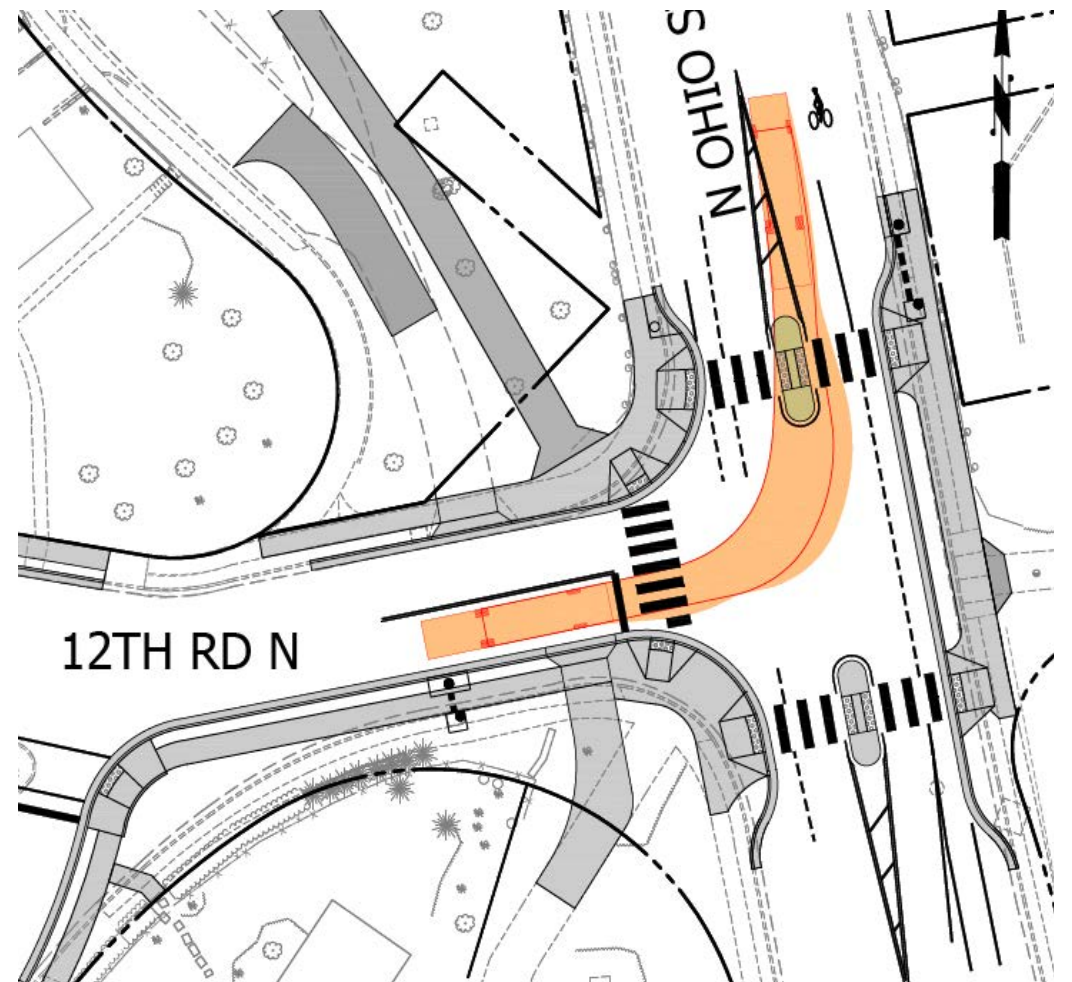
**Legend**  
Gray = Proposed hardscape  
Green = Proposed area to be converted back to green space



# Design Considerations – Turning Movement



30% Design: Conflicts with turning vehicles and bike lane.



30% Design: Conflicts with turning vehicles and concrete median.

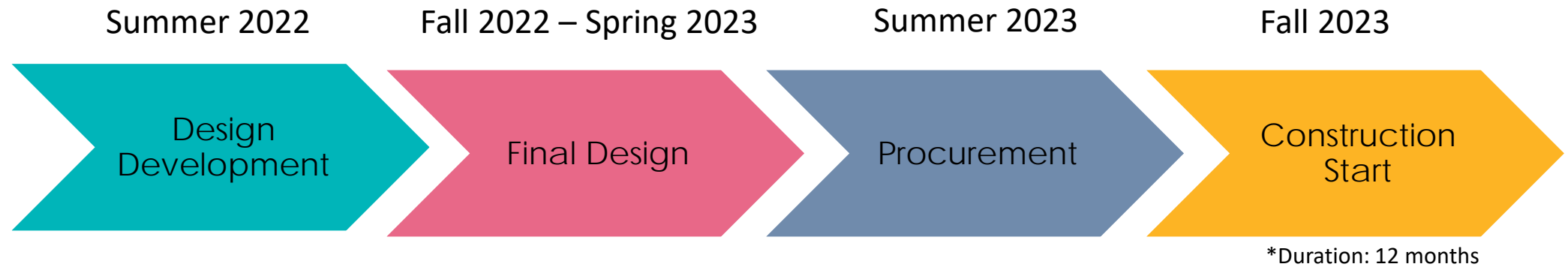
# Next Steps

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# Next Steps

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# Question & Answer

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Thank you!





# Share Your Feedback

Live Question & Answer Session

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Submit Written Comments to:

Kyle Kling  
Project Manager  
DES - Transportation  
[kkling@arlingtonva.us](mailto:kkling@arlingtonva.us)



# Appendix

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# Conceptual Design Safety Feedback

After reviewing the concept design, how would you feel if the changes shown in the concept were implemented while traveling through this intersection, using the following types of transportation?

