

UPTON DRIVE NEIGHBORHOOD GREENWAY

PUBLIC MEETING

NOVEMBER 3, 2022



MC DOT



Outline

- Project Overview
- Design Considerations
- Community Survey Results
- Concept Design
- Next Step
- Q&A



Project Overview

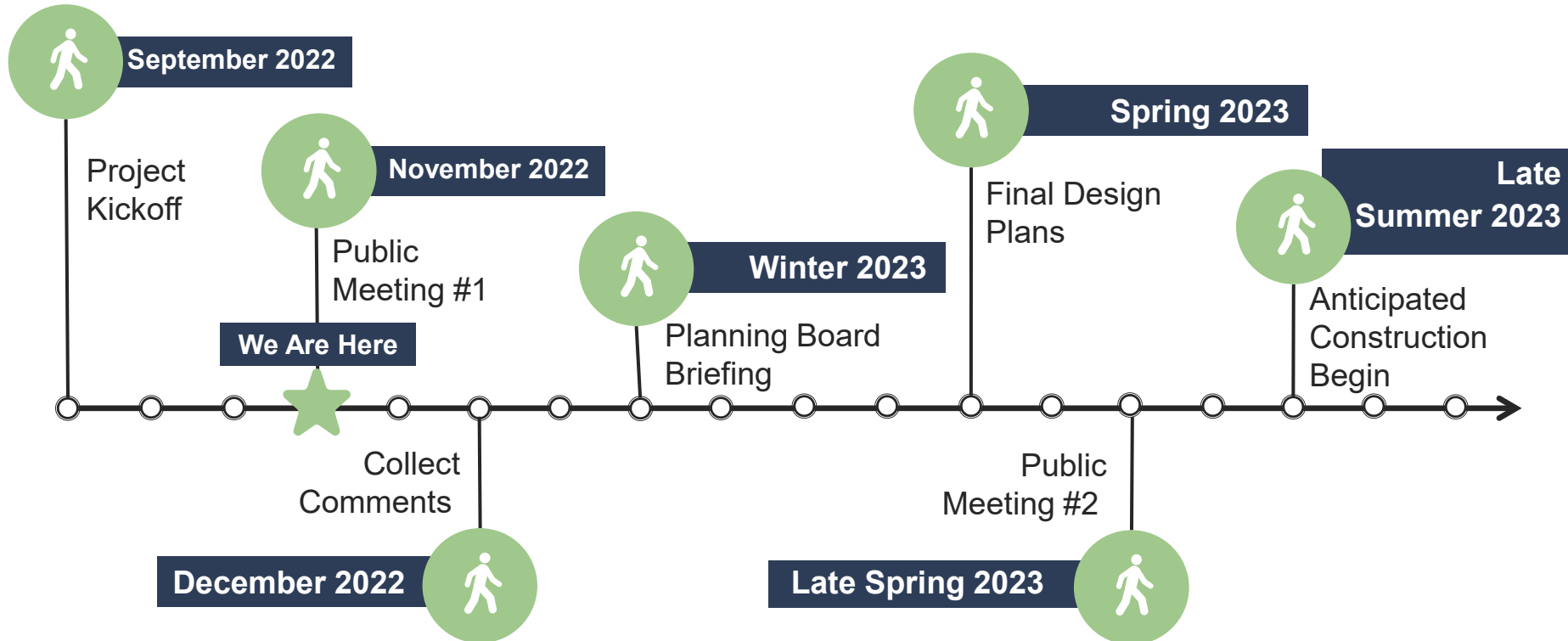
Neighborhood Greenway on Upton Drive

From East Avenue to Entrance to Crossway Montessori School



Project Overview

Current Project Milestone Schedule



What is a Neighborhood Greenway?

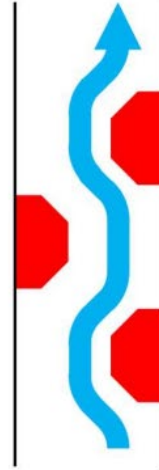
- A neighborhood greenway is a street designed to give walking and biking priority and to reduce vehicle speed and volume.
- Tools to create a neighborhood greenway include signs, pavement markings, speed countermeasures, and volume management measures to discourage cut-through trips by vehicles and to create safe, convenient crossings of arterial streets for bicyclists and pedestrians.



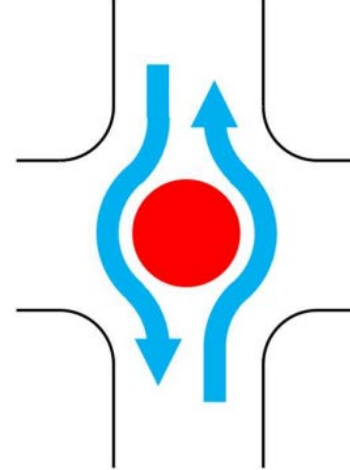
Traffic Calming Strategies



splitter



chicane

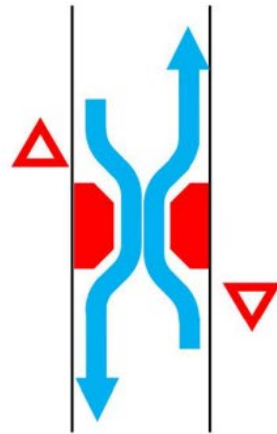


mini-roundabout

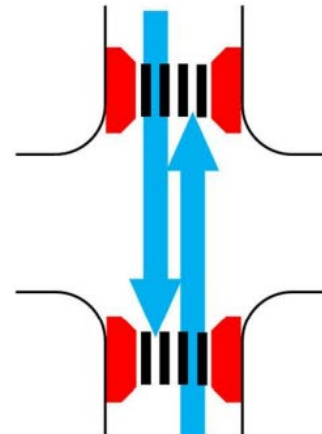


Horizontal Deflection

Traffic Calming Strategies



choker



bump-out



Narrowing



Design Considerations

- Provide a safe crossings for pedestrians and cyclists
- Connectivity to existing sidewalks and nearby destinations
- Minimize impacts
 - Residential frontage
 - Environmental resources
 - Utilities
- Maintain existing neighborhood aesthetics
- Consider existing bus/school bus stop locations

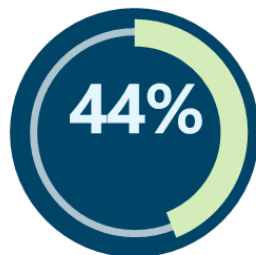


Design Considerations

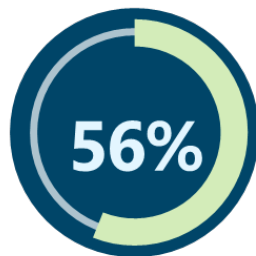
- Traffic Speed & Volume Analysis
 - June 9, 2022 thru June 12, 2022
- Upton Drive
 - Posted Speed – 25 mph
 - Eastbound 85th Percentile – 29 mph
 - Westbound 85th Percentile – 28 mph
- Hillsdale Drive
 - Posted Speed – 25 mph
 - Northbound 85th Percentile – 19 mph
 - Southbound 85th Percentile – 19 mph

Community Survey Results

Upton Drive Residents



Live directly on
Upton Drive



Do not live
directly on
Upton Drive



Community Survey Results

How often are you walking / biking?

Residents that currently bike/ walk along Upton Dr.

- 50% Everyday
- 16% Several times a week
- 16% Once a week
- 16% Never

Residents that will bike/ walk along Upton Dr. with improvements.

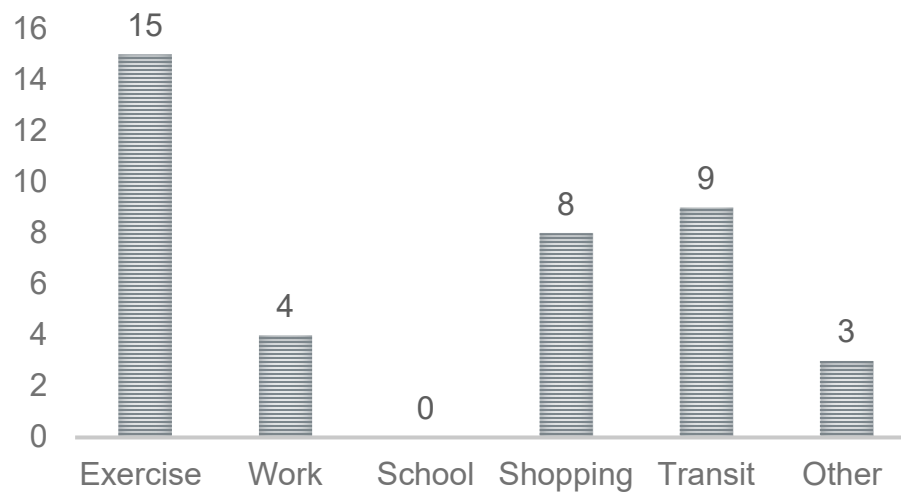
- 61% Everyday
- 28% Several times a week
- 11% Never

Resident support for bike/ped improvements (scale 1-5)

- Average 4.33

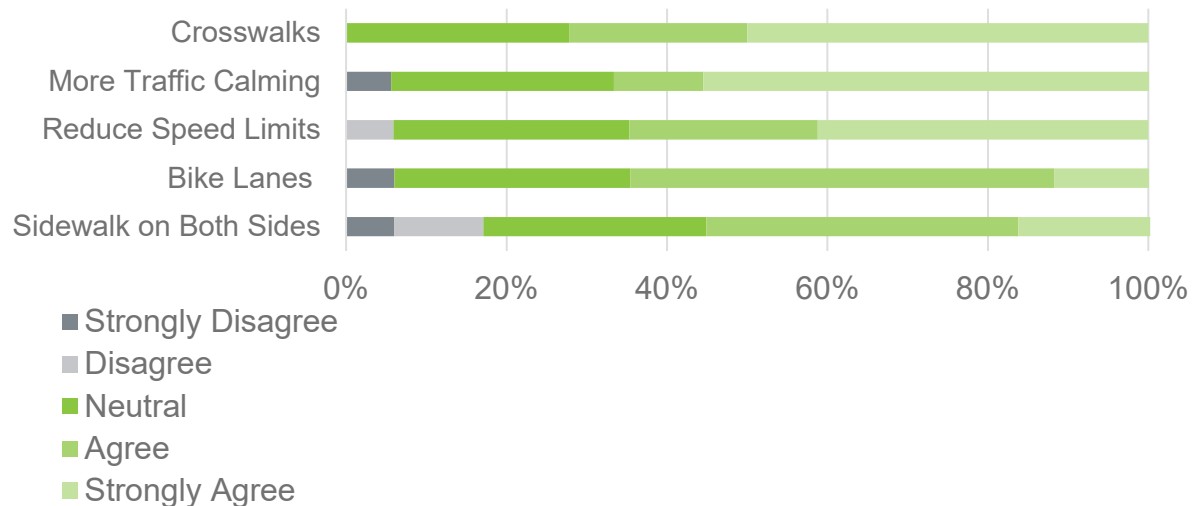
Community Survey Results

WHERE ARE YOU
WALKING/BIKING TO?



Community Survey Results

Potential Improvements Ranking





Community Survey Results

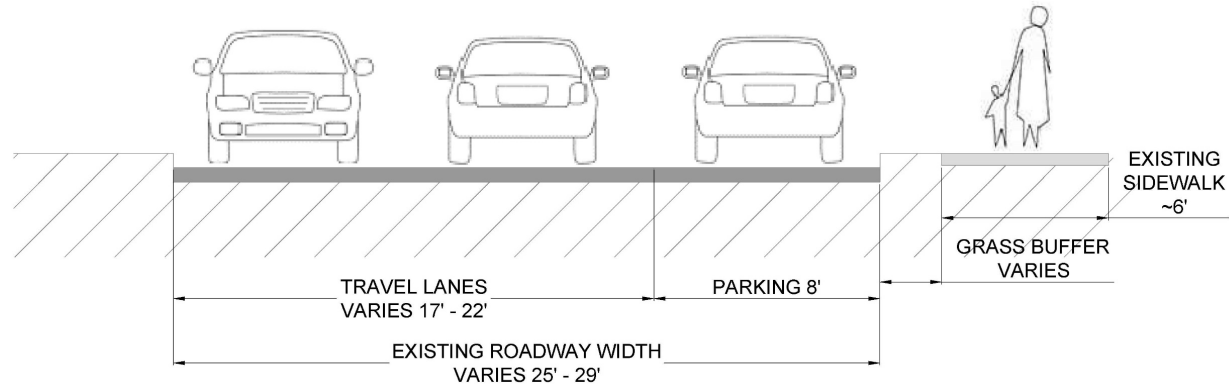
- “Cars come out of Crossway Montessori way too fast...”
- “One of the children on the block was hit by a car speeding down street. Lowered speed limit and traffic calming essential...”
- “...Upton Drive currently has sidewalks, but the AEHS students still walk in the middle of the road to/from Einstein/Crossways to McDonalds...”
- “The stop sign [at Upton Dr. & East Ave.] is not effective, it's not aligned with the McDonalds exit, and it is largely ignored and hidden by a tree 3 of 4 seasons of the year...”

Concept Design

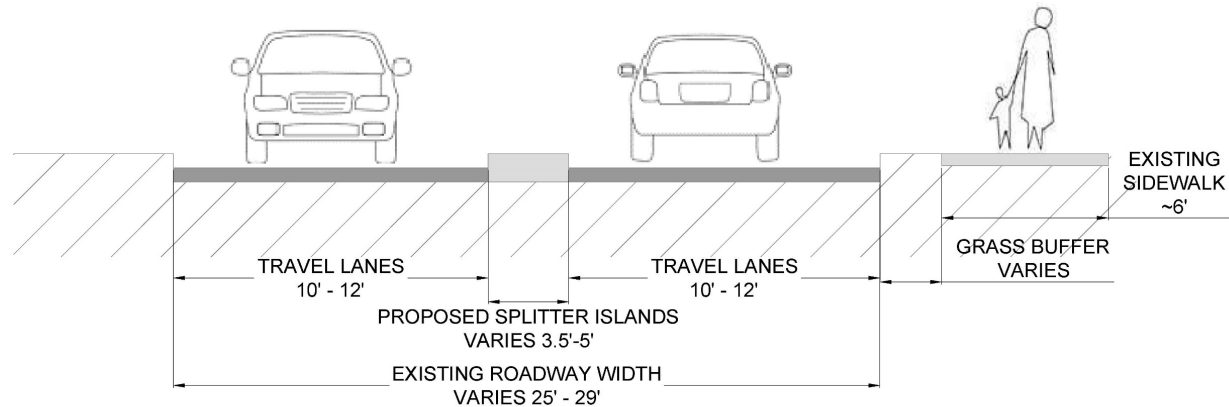


Overall Concept Plan On Upton Drive

Concept Design



UPTON DRIVE TYPICAL STREET CROSS SECTION WITH PARKING

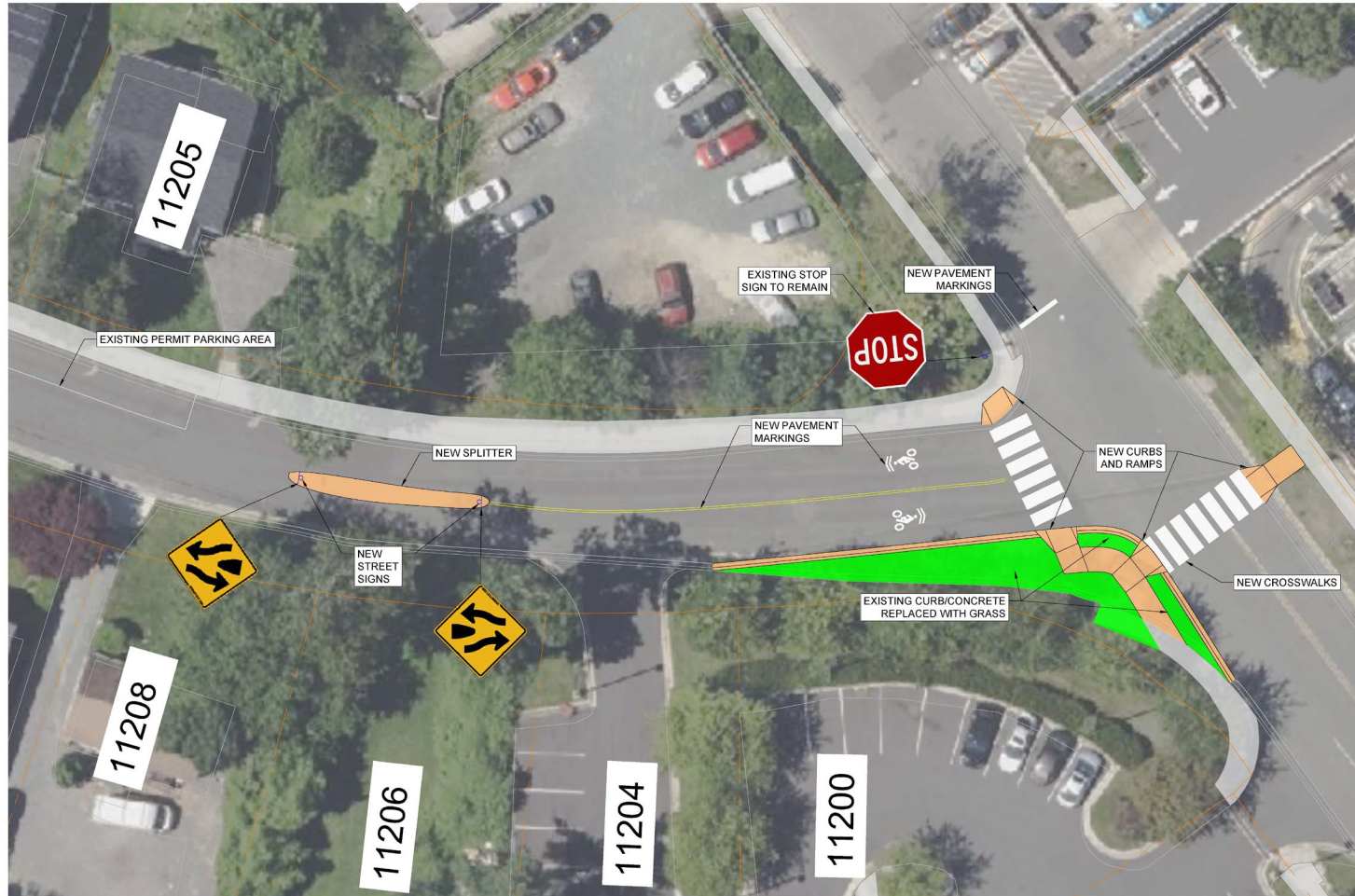


UPTON DRIVE TYPICAL STREET CROSS SECTION WITH SPLITTER ISLAND

Typical Sections On Upton Drive



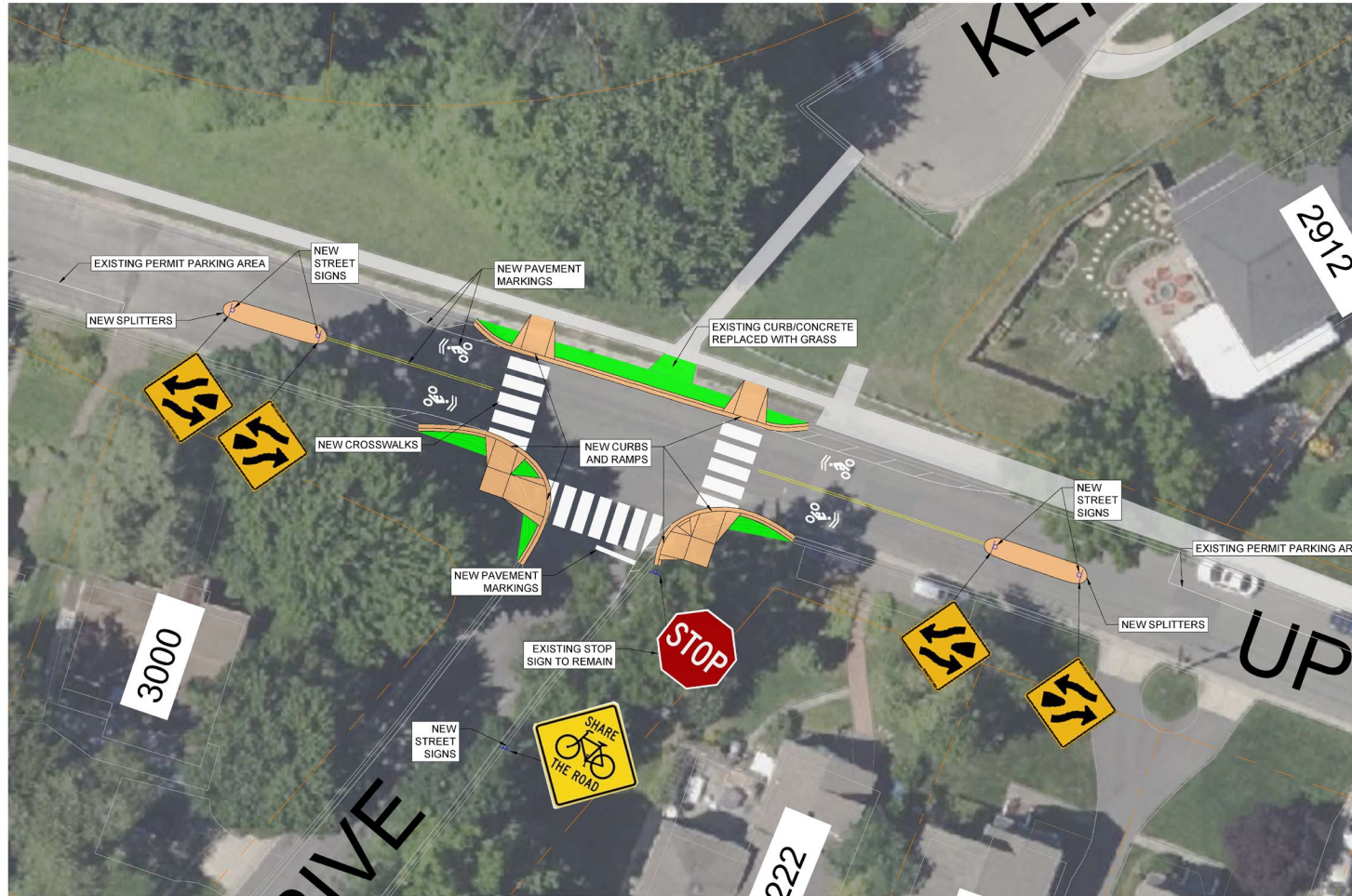
Concept Design



Concept Design At Upton Drive & East Avenue



Concept Design



Concept Design At Upton Drive & Hillsdale Drive



Next Steps

- Collecting input from community - thru December 4, 2022
- Planning Board Briefing – winter 2023
- Final design plan – spring 2023
- Public Meeting #2 – late spring 2023
- Anticipated construction start – late summer 2023



Contact



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<https://montgomerycountymd.gov/dot-dte/projects/UptonDr/>





Questions / Comments

Submit your comments online - <https://tinyurl.com/Upton-Comments>

Project Website - <https://montgomerycountymd.gov/dot-dte/projects/UptonDr/>

