



# EAST ELKTON

## Traffic Circulation and Safety Plan

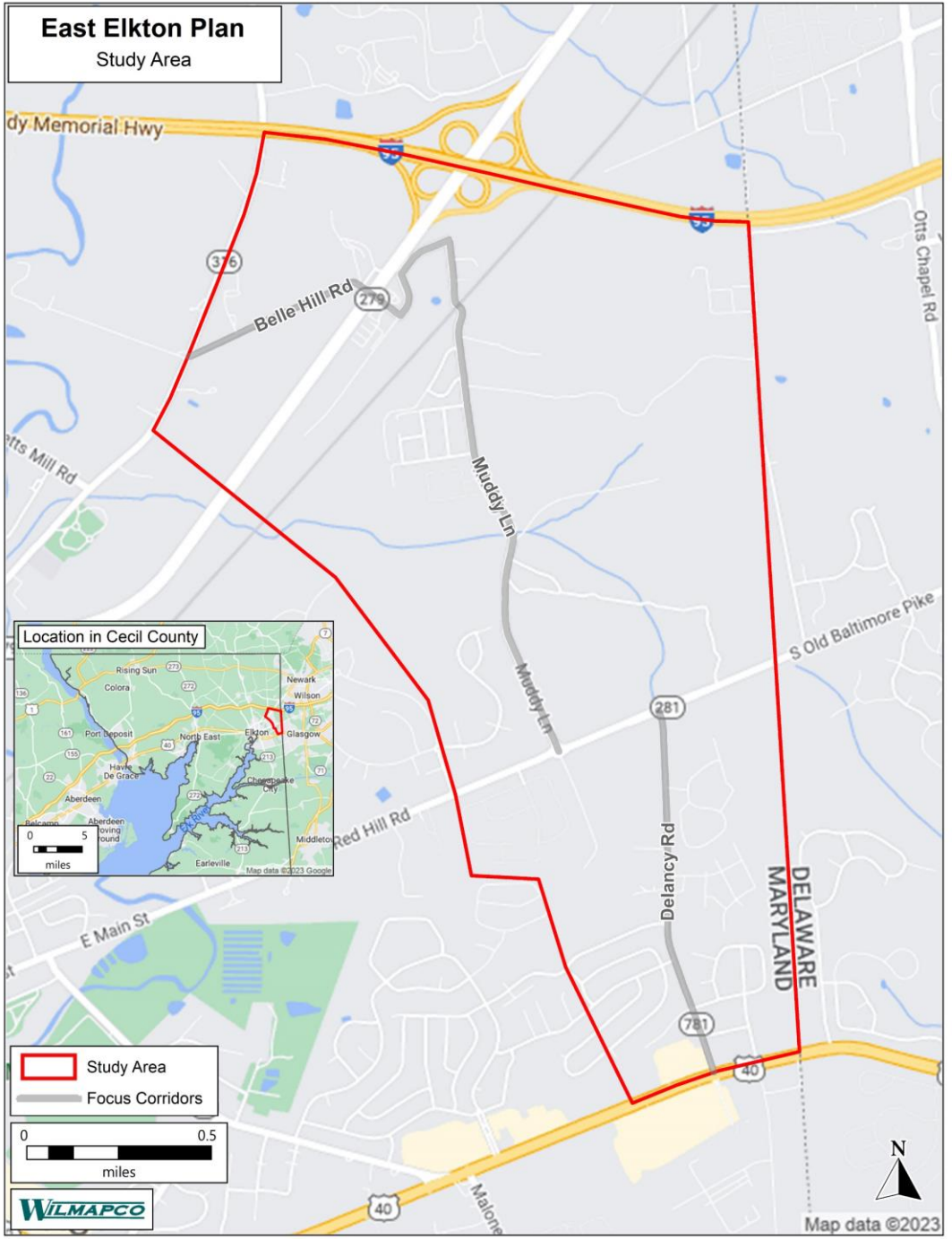
WILMAPCO PAC  
August 2024



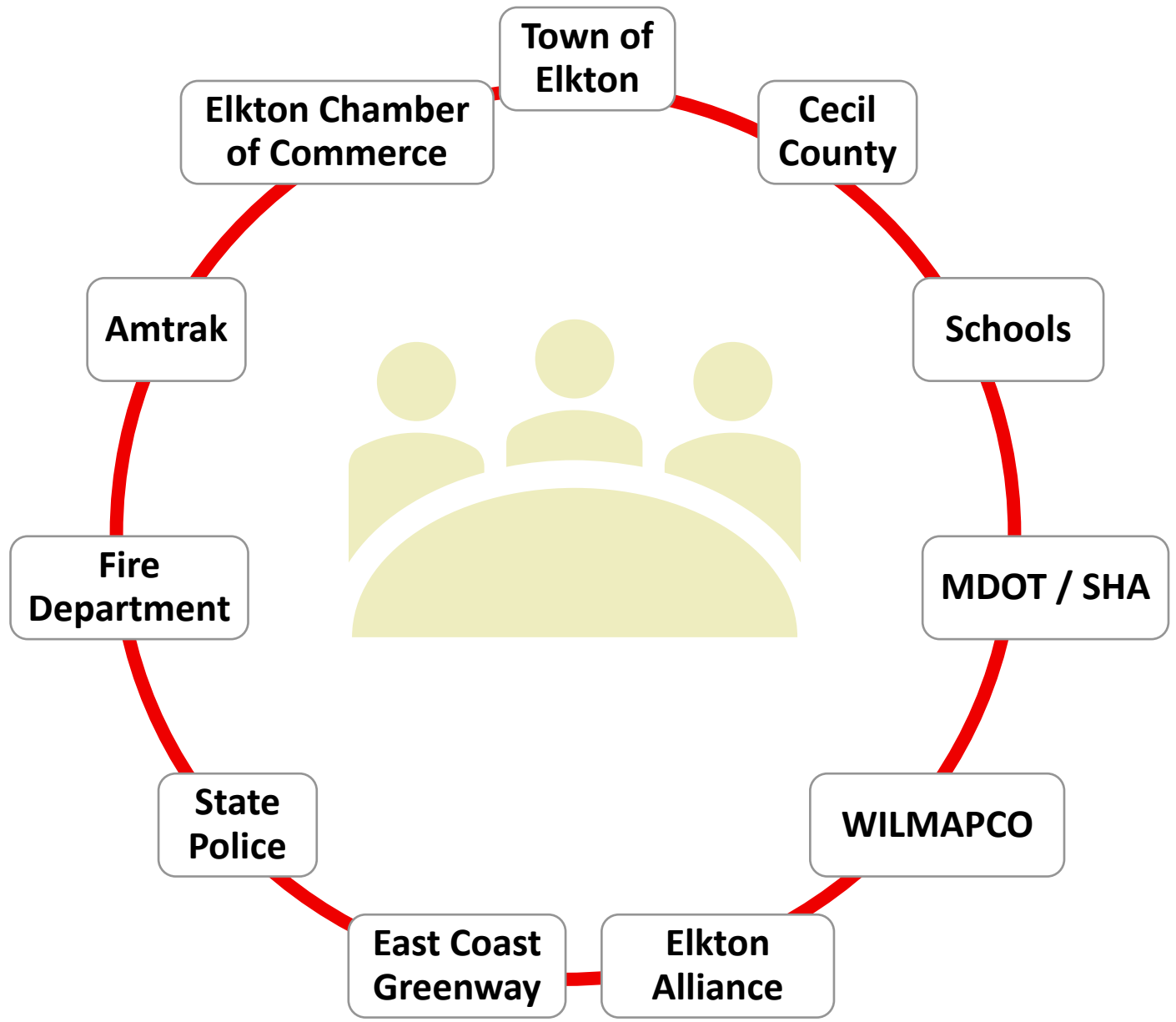


# EAST ELKTON

Traffic Circulation and Safety Plan



# Steering Committee



# Planning Process

## Existing Conditions

- Traffic
- Land Use



## Visioning

- Survey 1
- Workshop 1



## Draft Recommendations

- Workshop 2
- Survey 2



## Select Recommendations

- Workshop 3
- Comments through July 29
- WILMAPCO Council endorsement in September

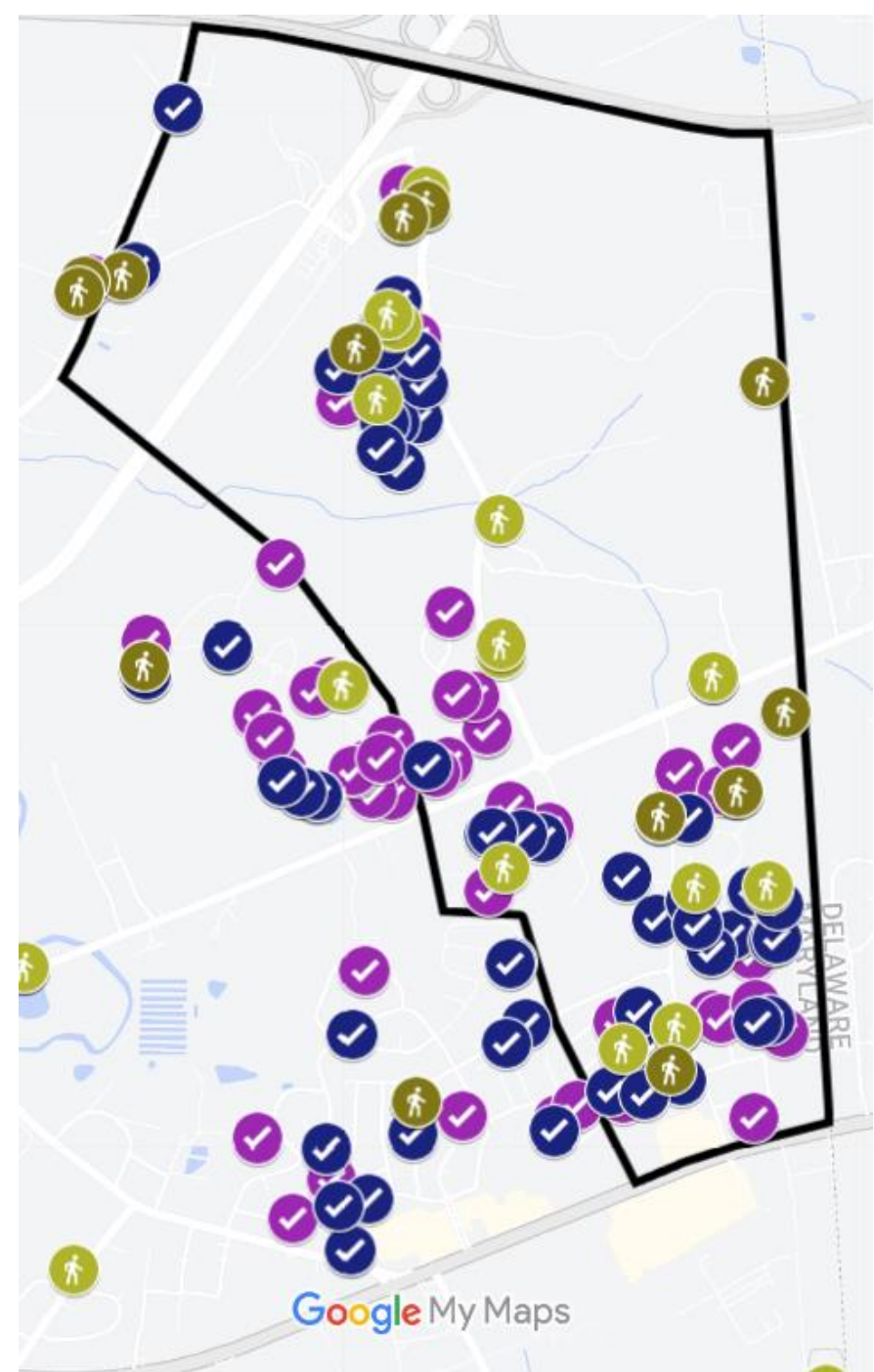
# Engagement Highlights

- Two general surveys
- Three public workshops
- Parallel youth engagement
- Transportation Justice outreach
- Project webpage



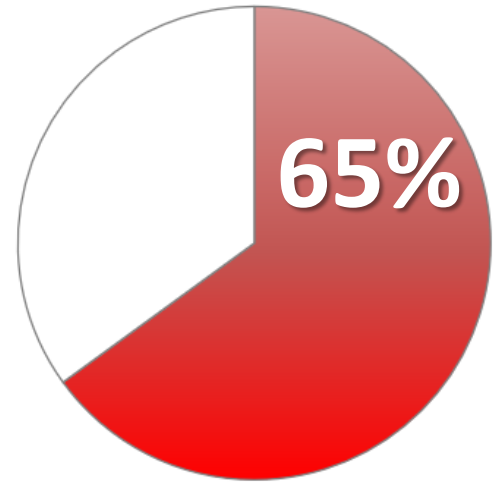
# General Outreach

- ✓ Survey 1 – 121 responses
- ✓ Survey 2 – 188 responses
- 🚶 Workshop 1 – 22 attendees
- 🚶 Workshop 2 – 38 attendees

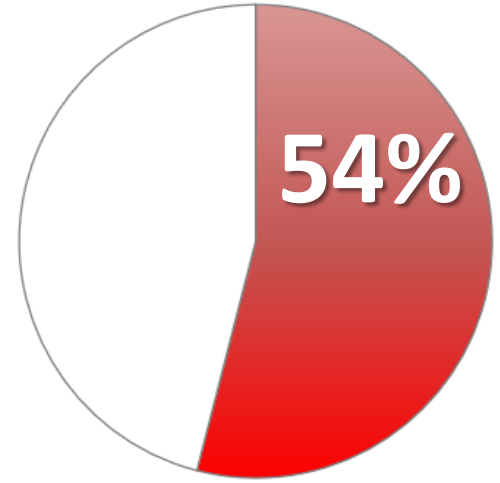


# “Very Concerned” about Traffic Safety

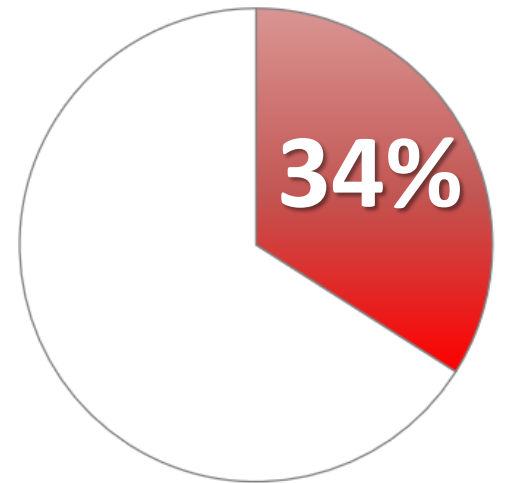
Delancy Road



Muddy Lane

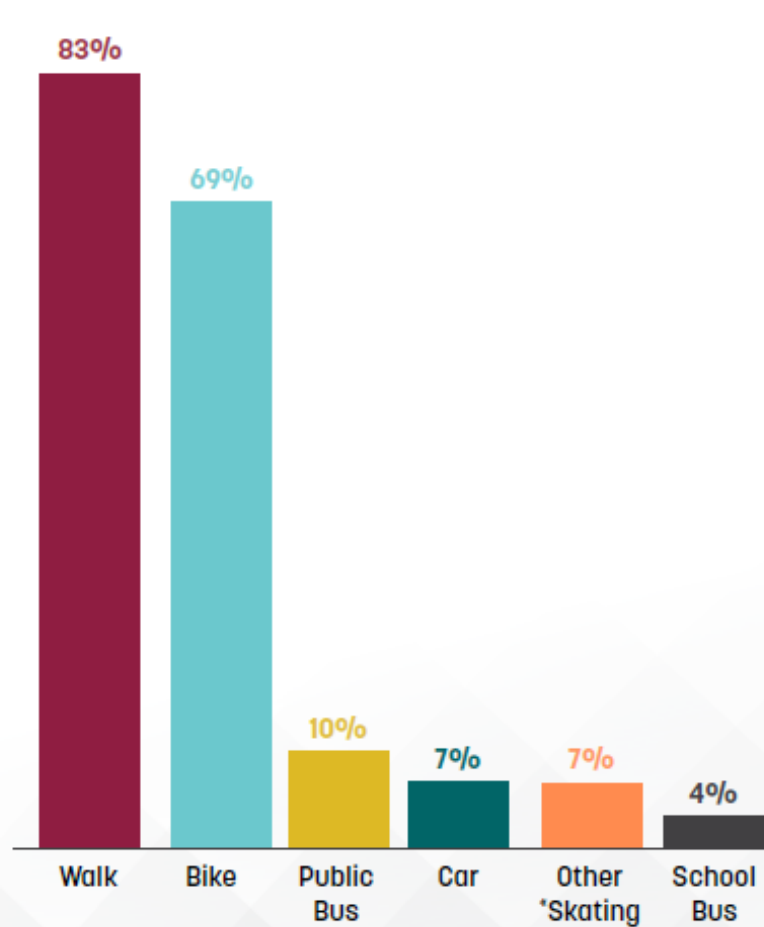


Belle Hill Road



# Youth Survey 1

## WISH YOU HAD MORE WAYS TO GET AROUND?



would love to ..  
.skate [from school  
to home] .. without  
being scared of cars

More sidewalks or  
bike lanes connecting  
big neighborhoods to  
main parts of elkton

Add a path from  
delancy village to  
the neighborhoods  
behind it....

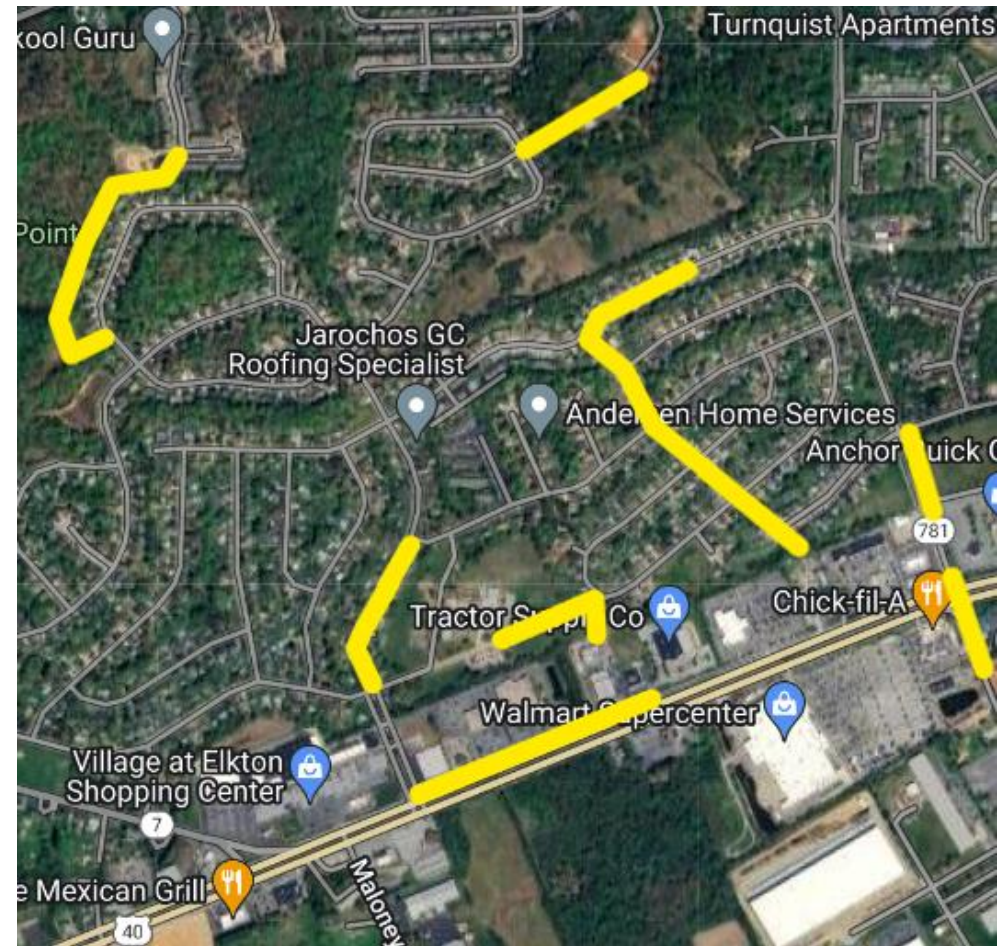
The Youth Survey was completed in partnership with Elkton Middle School and Elkton High School.



# Youth Survey 2



## Potential New Pathways



# The Plan Addresses My Concerns

**78%** 

**If no, why not?**

US 40 @ Delancy Road

Speed enforcement

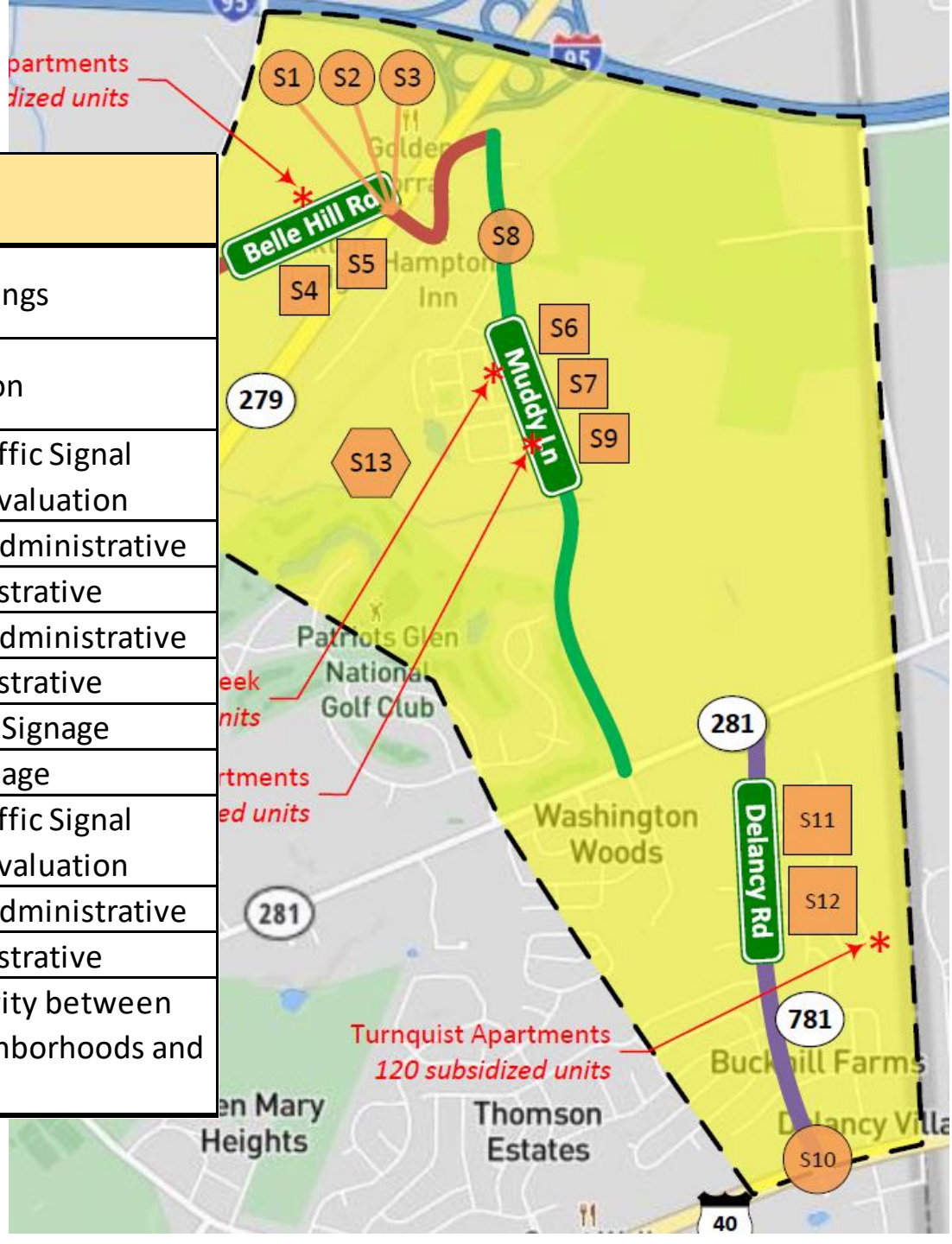
Effectiveness of concepts



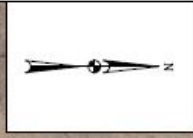


# Short Term (2 years)

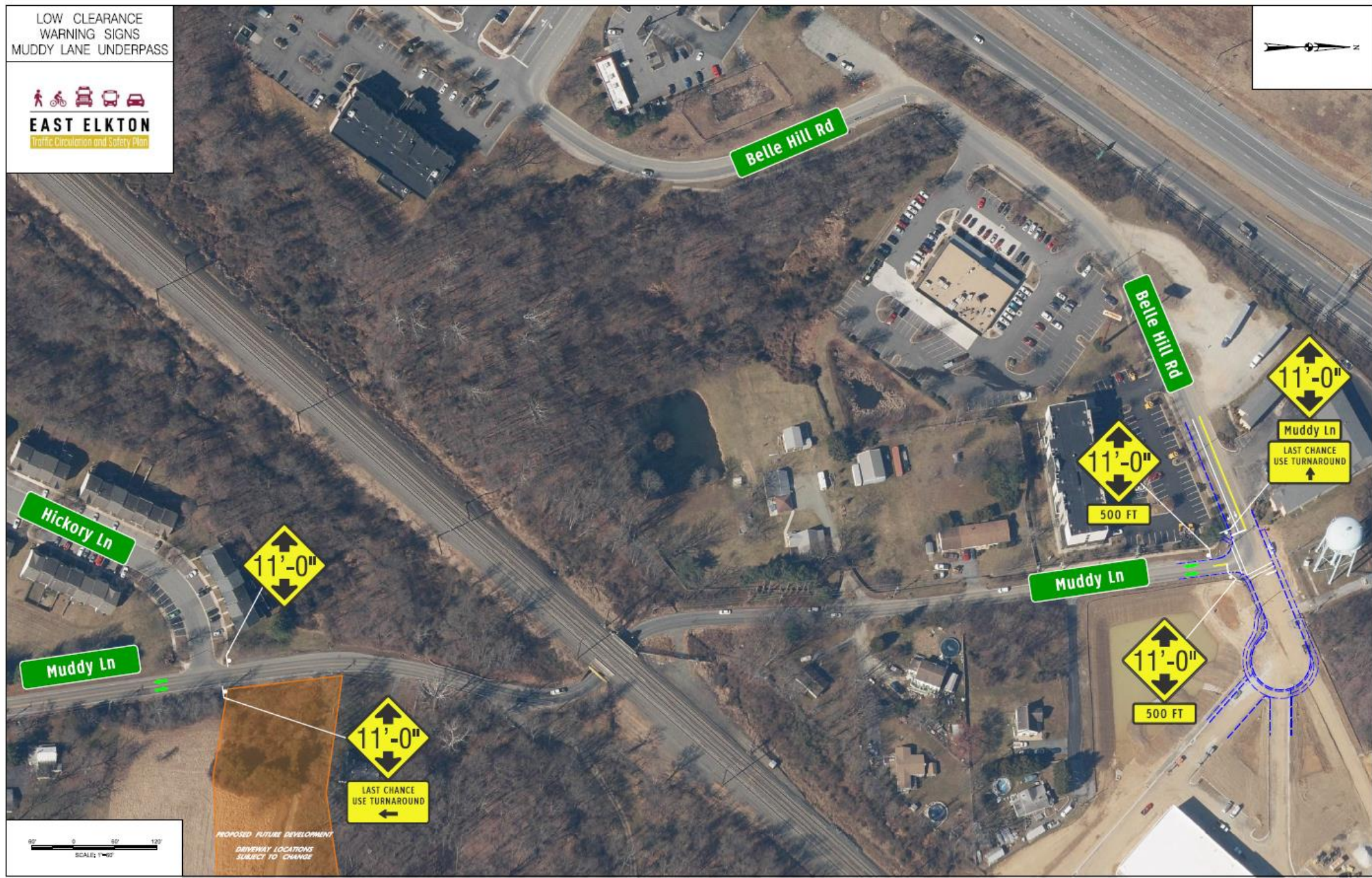
ID Number	Location	Description
S1	Intersection of Belle Hill Road and Elkton Road	Pavement Markings
S2	Intersection of Belle Hill Road and Elkton Road	Trim Vegetation
S3	Intersection of Belle Hill Road and Elkton Road	Crash Analysis and Traffic Signal Timing/Intersection Evaluation
S4	Belle Hill Road	Roadway Classification - Administrative
S5	Belle Hill Road	Bicycle LTS - Administrative
S6	Muddy Lane	Roadway Classification - Administrative
S7	Muddy Lane	Bicycle LTS - Administrative
S8	Muddy Lane	Overhead Clearance Signage
S9	Muddy Lane	Speed Limit Signage
S10	Intersection of Delancy Road and US-40	Crash Analysis and Traffic Signal Timing/Intersection Evaluation
S11	Delancy Road	Roadway Classification - Administrative
S12	Delancy Road	Bicycle LTS - Administrative
S13	Project Area and Nearby Neighborhoods	Study pathway connectivity between neighborhoods/other neighborhoods and destinations



LOW CLEARANCE  
 WARNING SIGNS  
 MUDDY LANE UNDERPASS



# Short Term (2 years)



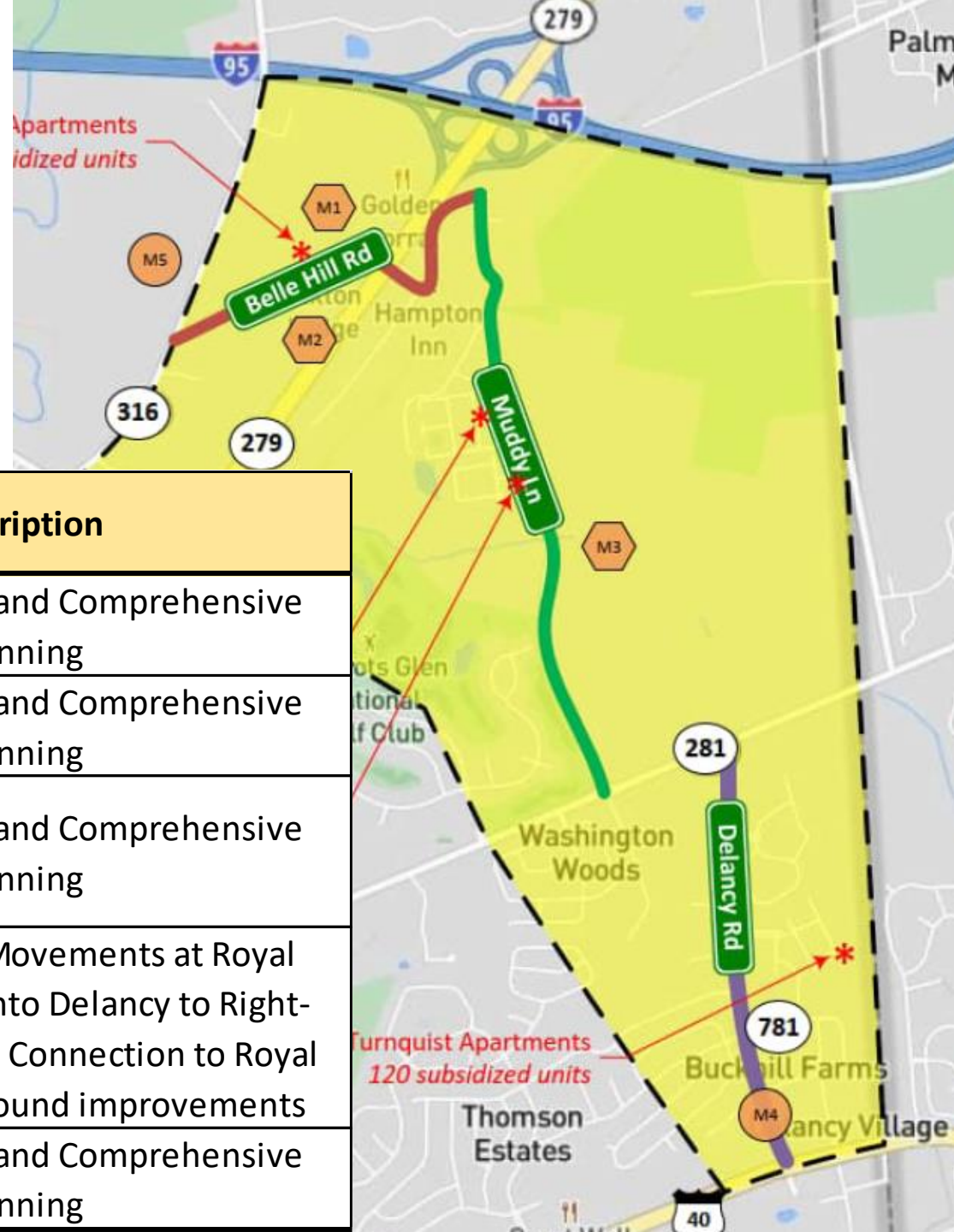


**EAST ELKTON**

Traffic Circulation and Safety Plan

**Mid Term (<5 years)**

ID Number	Location	Description
M1	North of Belle Hill Road	Land Use, Zoning and Comprehensive Planning
M2	South of Belle Hill Road	Land Use, Zoning and Comprehensive Planning
M3	Wetland and forested area on the eastern side of Muddy Lane	Land Use, Zoning and Comprehensive Planning
M4	Intersection of Delancy Road and Royal Farms Driveway	Restrict Turning Movements at Royal Farms Driveway onto Delancy to Right-In/Right-Out. New Connection to Royal Farms, and Playground improvements
M5	Designated Growth Areas	Land Use, Zoning and Comprehensive Planning

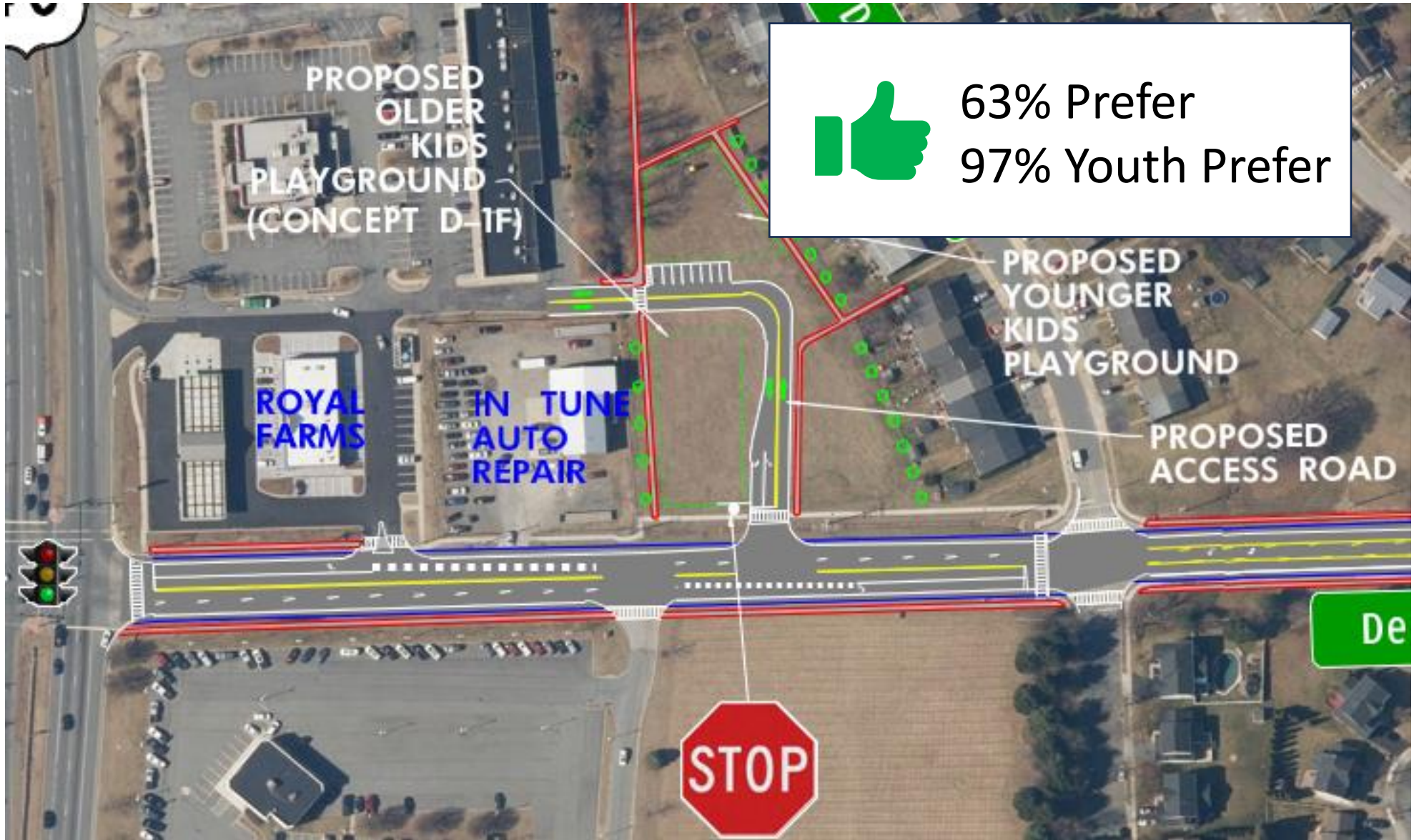





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Traffic Circulation and Safety Plan

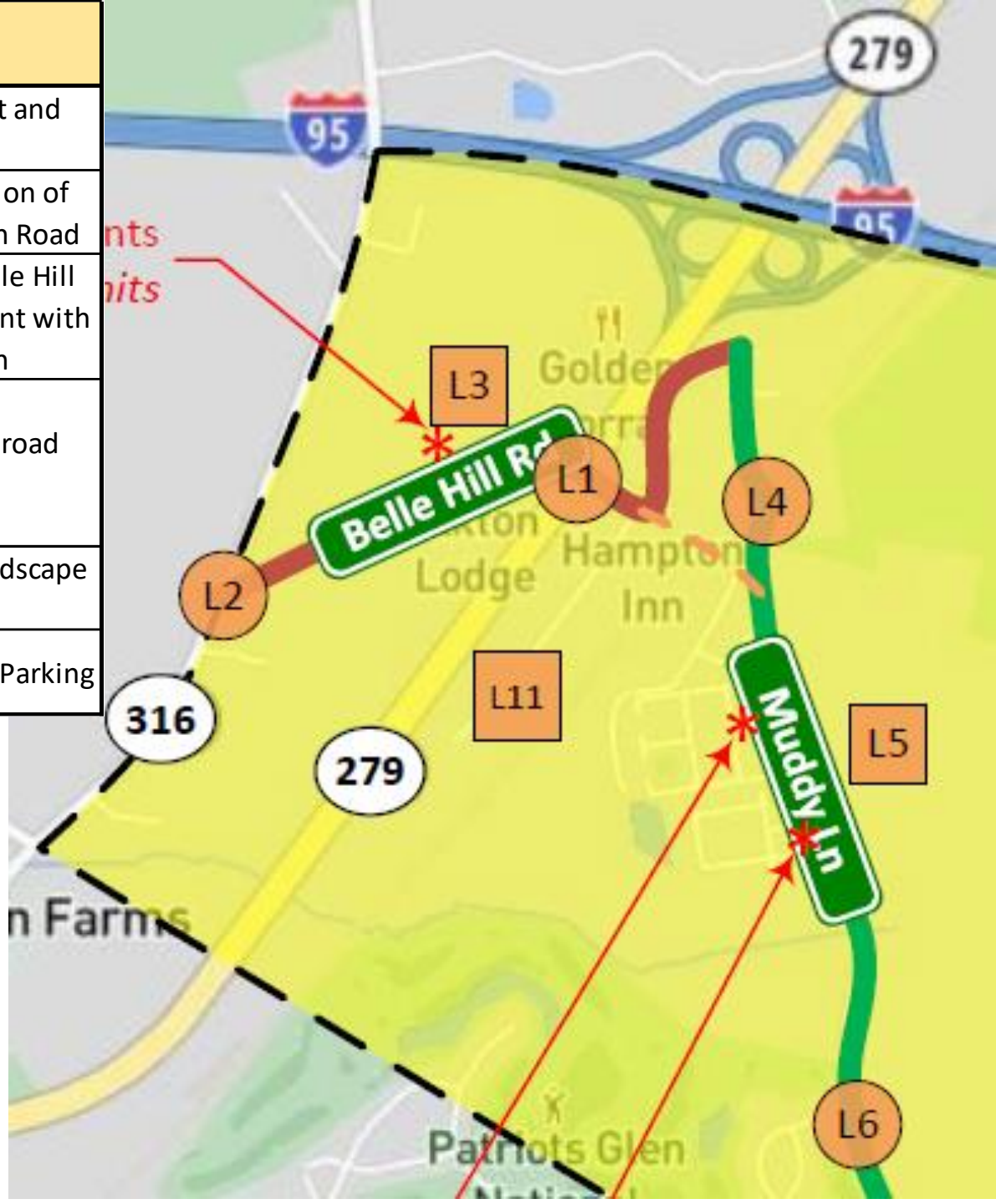
# Mid Term (<5 years)



 63% Prefer  
97% Youth Prefer

# Long Term (5+ years)

ID Number	Location	Description
L1	Intersection of Belle Hill Road and Elkton Road	Intersection Realignment and Median Extension
L2	Intersection of Belle Hill Road and Appleton Road	Realignment of intersection of Belle Hill Road at Appleton Road
L3	Belle Hill Road	Shared Use Path along Belle Hill Road with Median Treatment with Horizontal Deflection
L4	Bridge: Muddy Lane over Railroad or Underpass: Muddy Lane under Railroad	Replace Muddy Lane Railroad Crossing
L5	Muddy Lane	Shared Use Path with a Landscape Bioretention Area
L6	Muddy Lane at Powerline Easement	Truck Turnaround and Trail Parking





# EAST ELKTON

Traffic Circulation and Safety Plan

# Muddy Lane



Microsoft Bing, Vexcel Imaging, 2023 TomTom







# EAST ELKTON

Traffic Circulation and Safety Plan

# Muddy Lane



**MUDDY LANE REALIGNMENT (OVERPASS)  
(CONCEPT M-2B)**



**MUDDY LANE UNDERPASS  
(CONCEPT M-1B)**

**14 FT CLEARANCE**



# EAST ELKTON

Traffic Circulation and Safety Plan

# Belle Hill Road

Microsoft Bing, Vexcel Imaging, 2023 TomTom



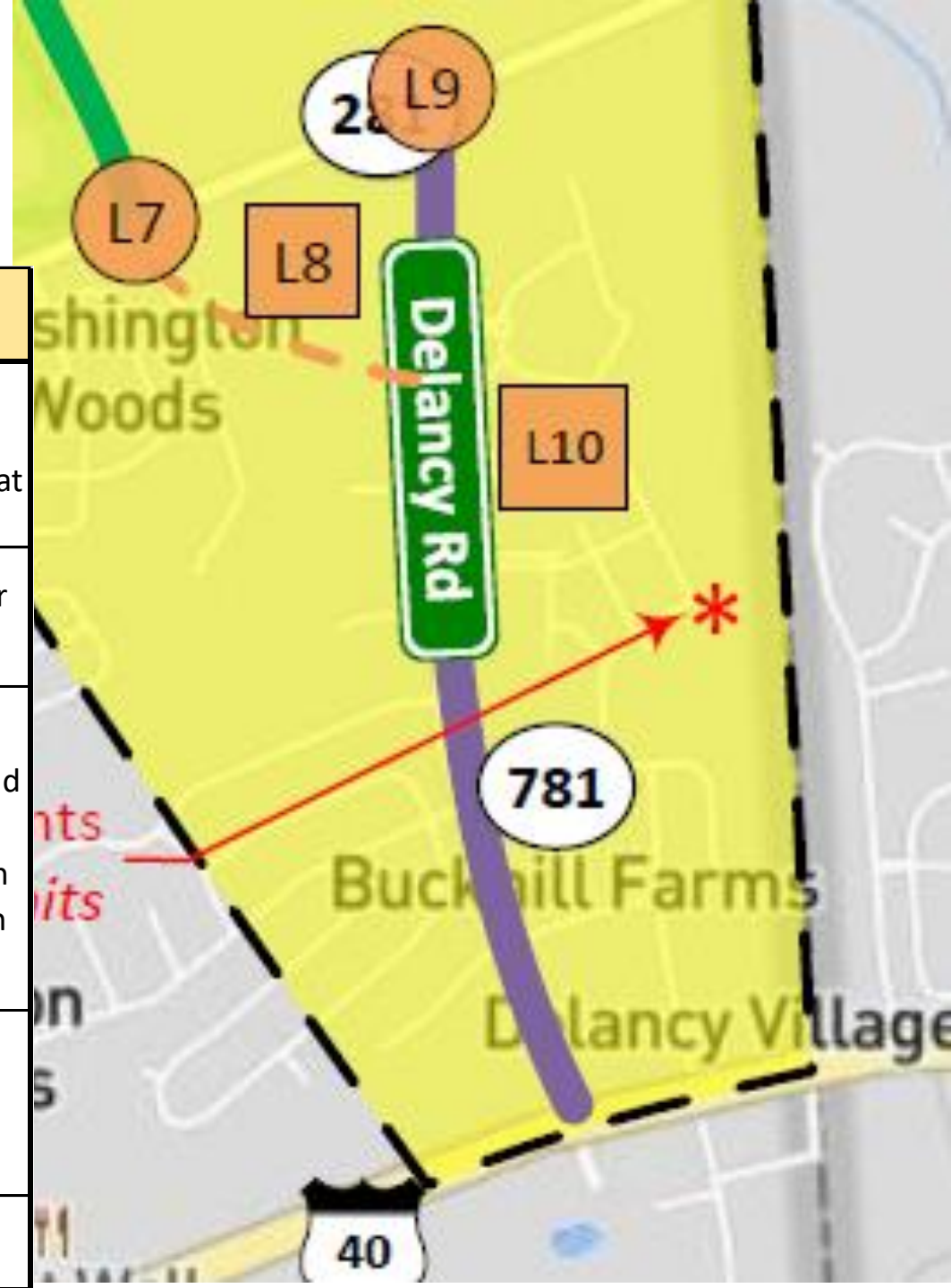


# EAST ELKTON

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# Long Term (5+ years)

ID Number	Location	Description
L7	Red Hill Road and Intersection of Muddy Lane and Red Hill Road	Shared use path along Red Hill Road between Muddy Lane and Delancy and Pedestrian Crossing at Muddy Lane and Red Hill Road
L8	From Intersection of Muddy Lane and Red Hill Road and Delancy Road	Proposed 10' Shared Use Path or Road along Kemp Lane
L9	Intersection of Delancy Road and Red Hill Road	Perform Intersection Control Evaluation to determine preferred alternative - roundabout vs. improved signalized Intersection (dedicated Right Turn Lane) with pedestrian improvements
L10	Delancy Road	Reconfigure Delancy Road with Shared Use Paths on both sides, Two-Way left turn lane and pedestrian refuge islands
L11	MD-279	East Coast Greenway Path Extension along MD-279

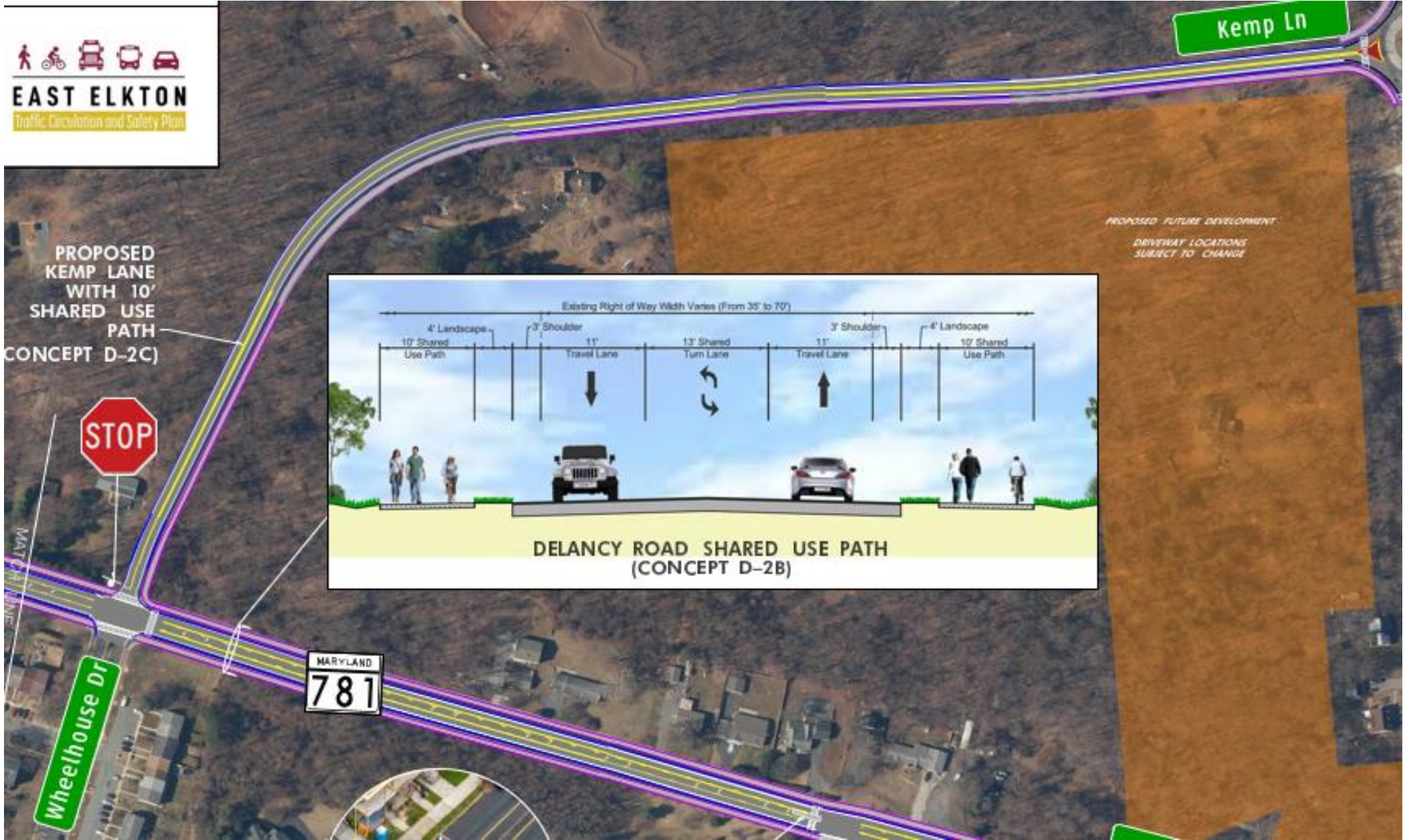




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# Long Term (5+ years)



PROPOSED KEMP LANE WITH 10' SHARED USE PATH (CONCEPT D-2C)



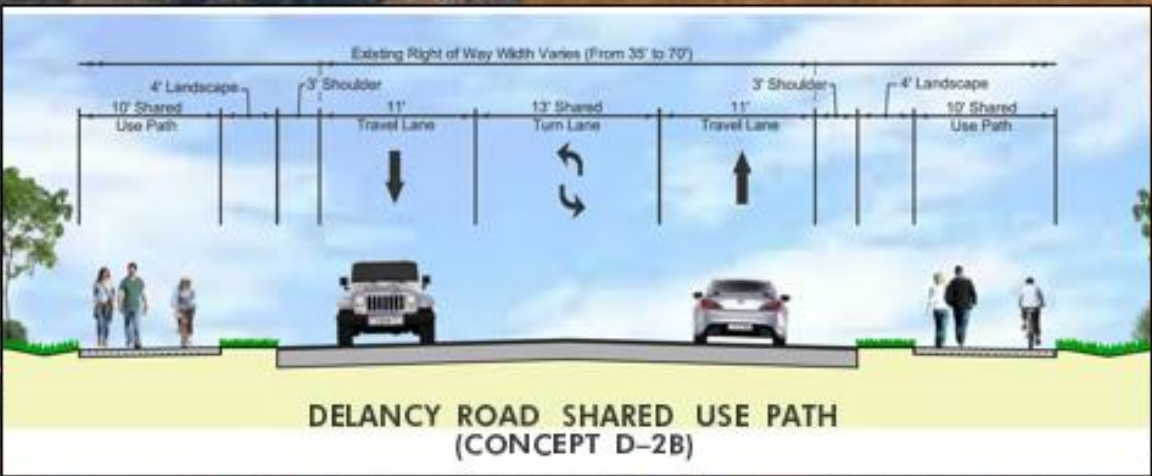
MAT CHURCH LANE

Wheelhouse Dr

MARYLAND 781

Kemp Ln

PROPOSED FUTURE DEVELOPMENT  
DEWEYWAY LOCATIONS  
SUBJECT TO CHANGE



# Planning Process

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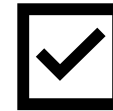
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- Survey 1
- Workshop 1



## Draft Recommendations

- Workshop 2
- Survey 2



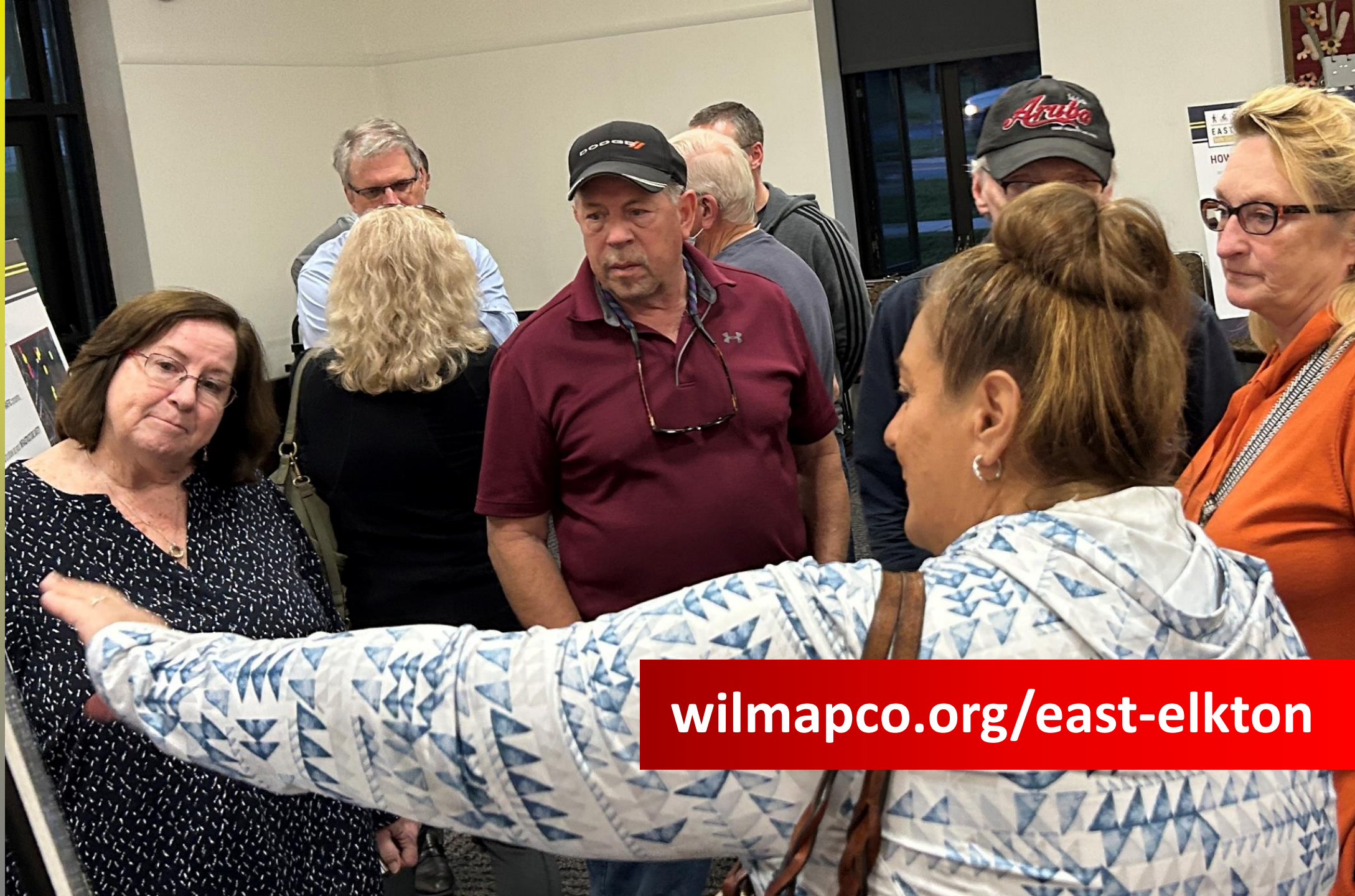
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[wilmington.org/east-elkton](http://wilmington.org/east-elkton)