

Public Meeting | Wednesday, May 11, 2022

Eastmoor Blvd Safety & Mobility Improvements



THE CITY OF
COLUMBUS
ANDREW J. GINTHER, MAYOR

DEPARTMENT OF
PUBLIC SERVICE



Instructions

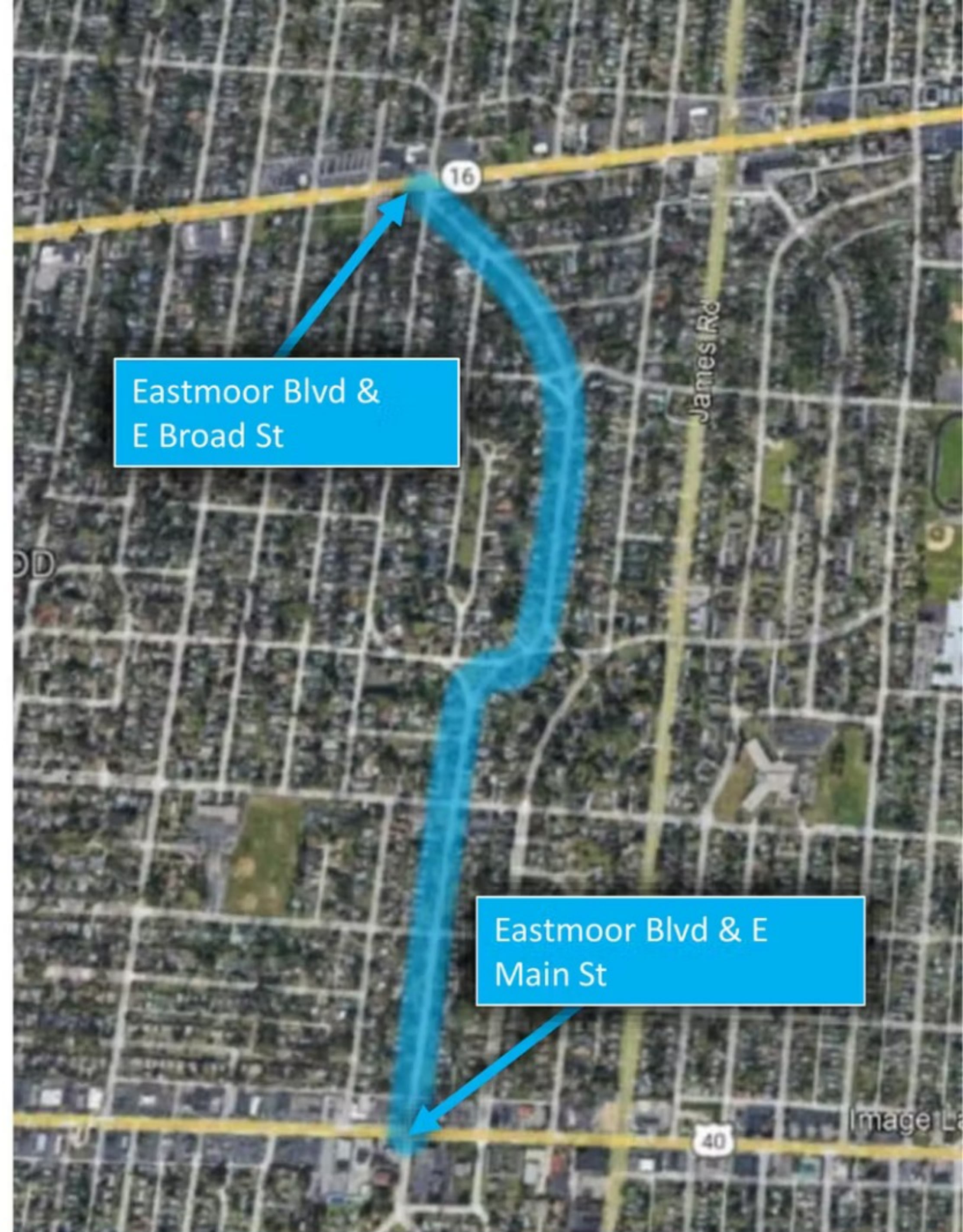
INTRODUCTION

THE CITY OF
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Study Area

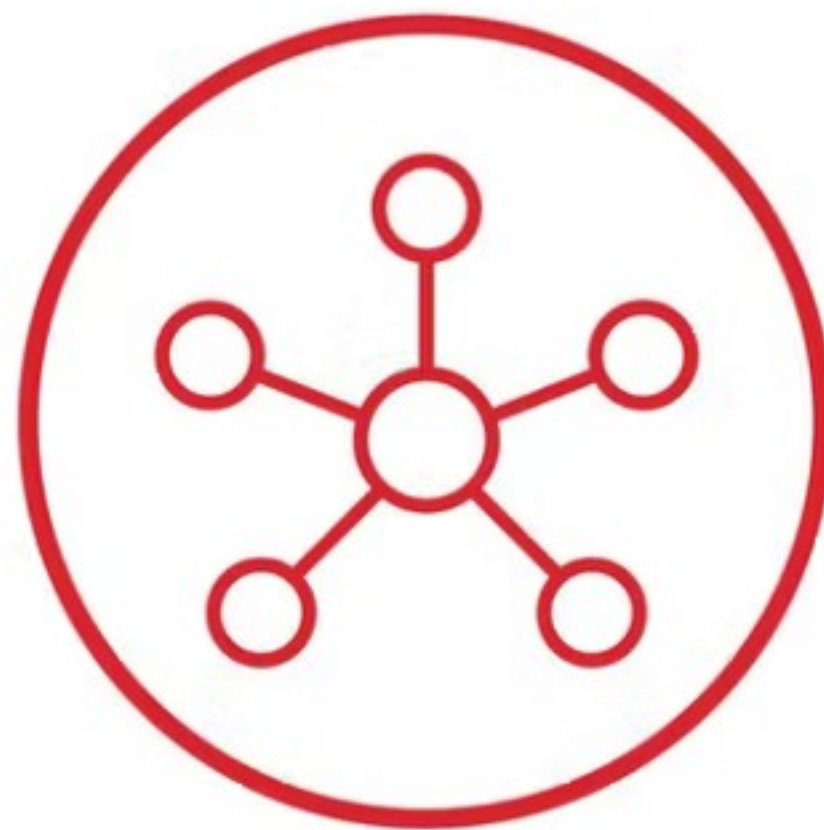
- Eastmoor Blvd between E. Broad St and E. Main St



Purpose of the Project



SAFETY

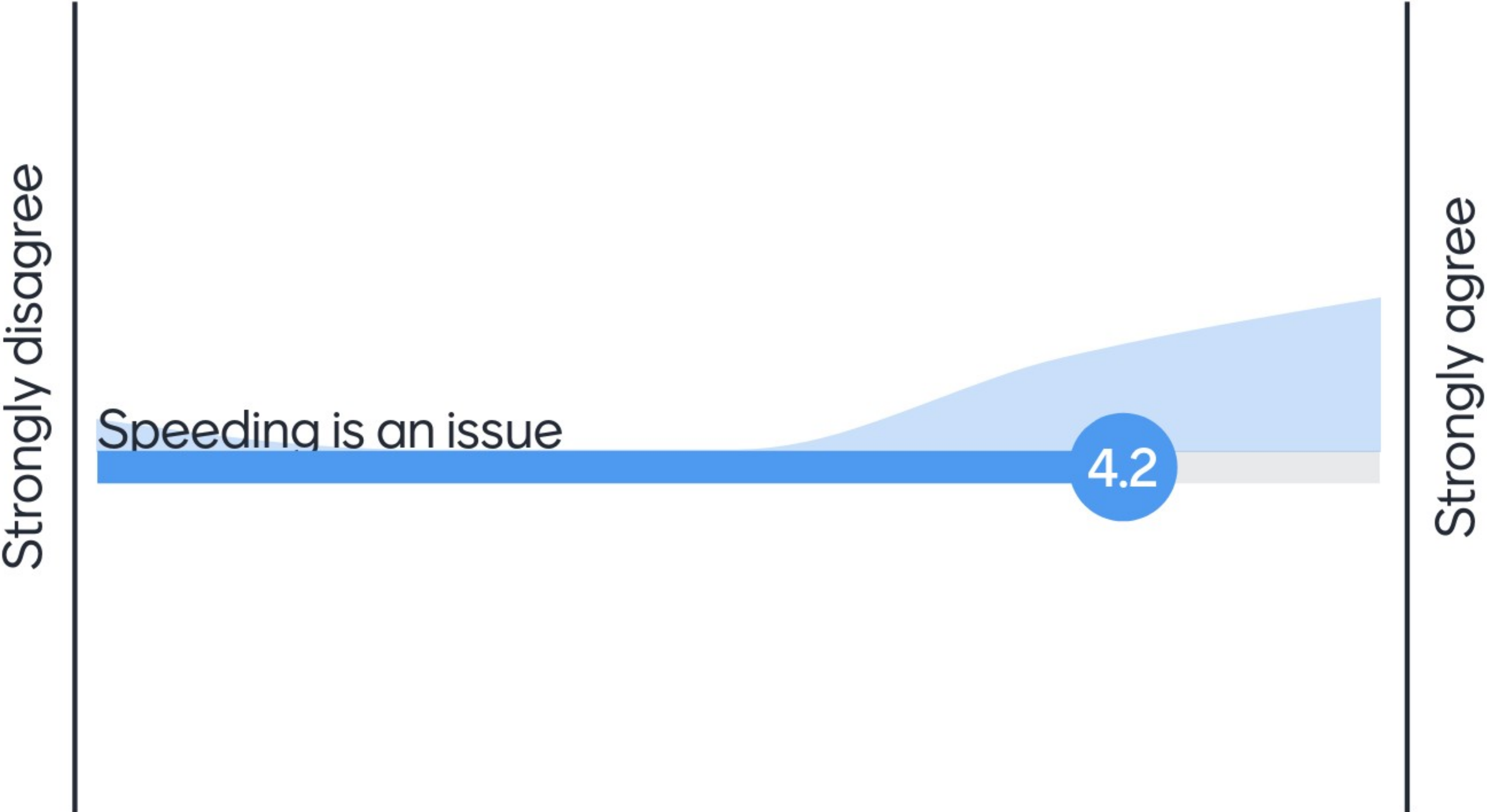


CONNECTIVITY



COMMUNITY

Do you believe speeding is an issue on Eastmoor Blvd?



What do you think leads to higher speeds along Eastmoor Blvd?

No stop signs

Only one stop sign

Lack of stops, wide lanes

It's a straight away with minimal stop signs

Wide street

Too wide

Wide road

Width of street

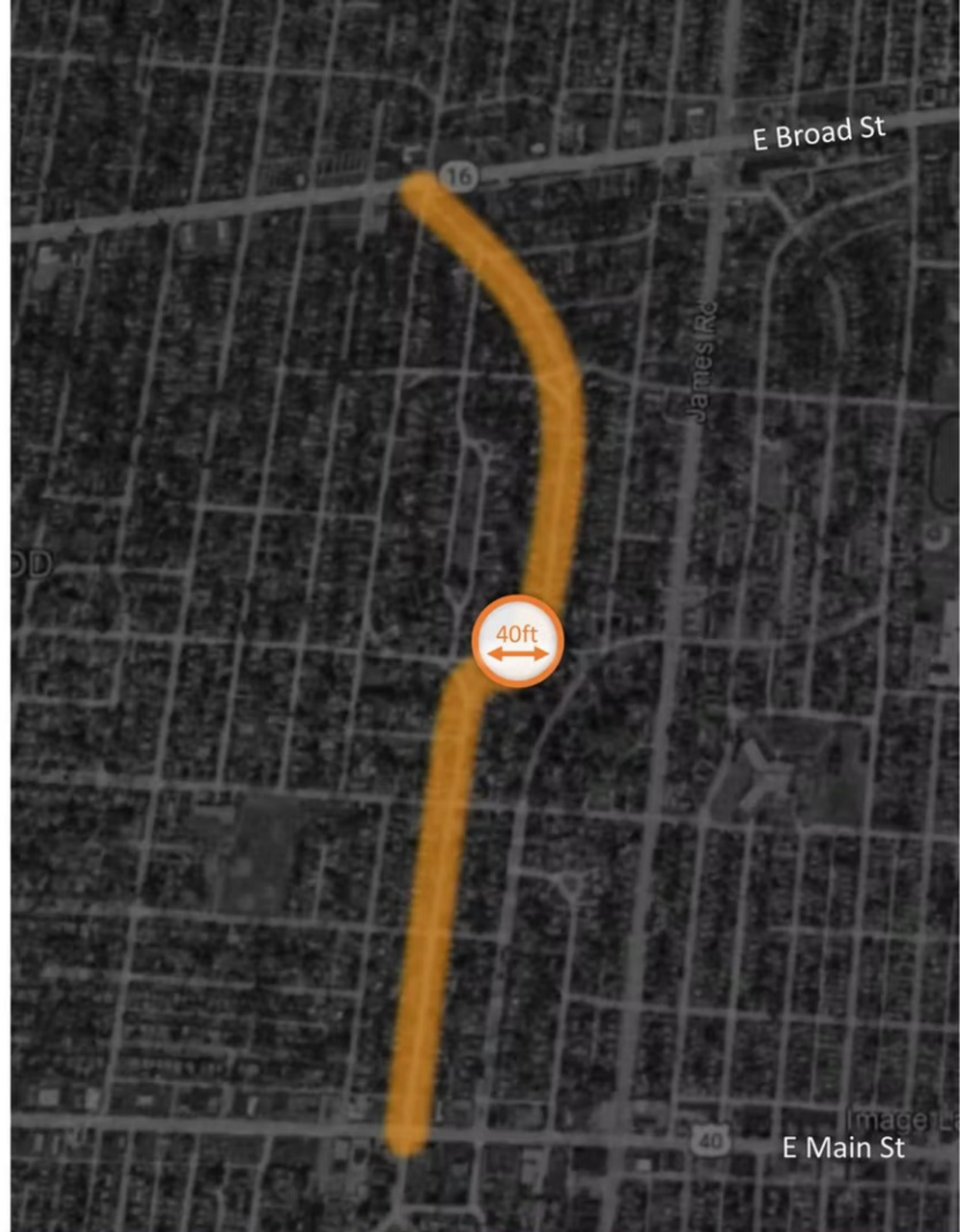
People aren't able to walk or kids can't ride their bikes

EXISTING CONDITIONS

Existing Conditions



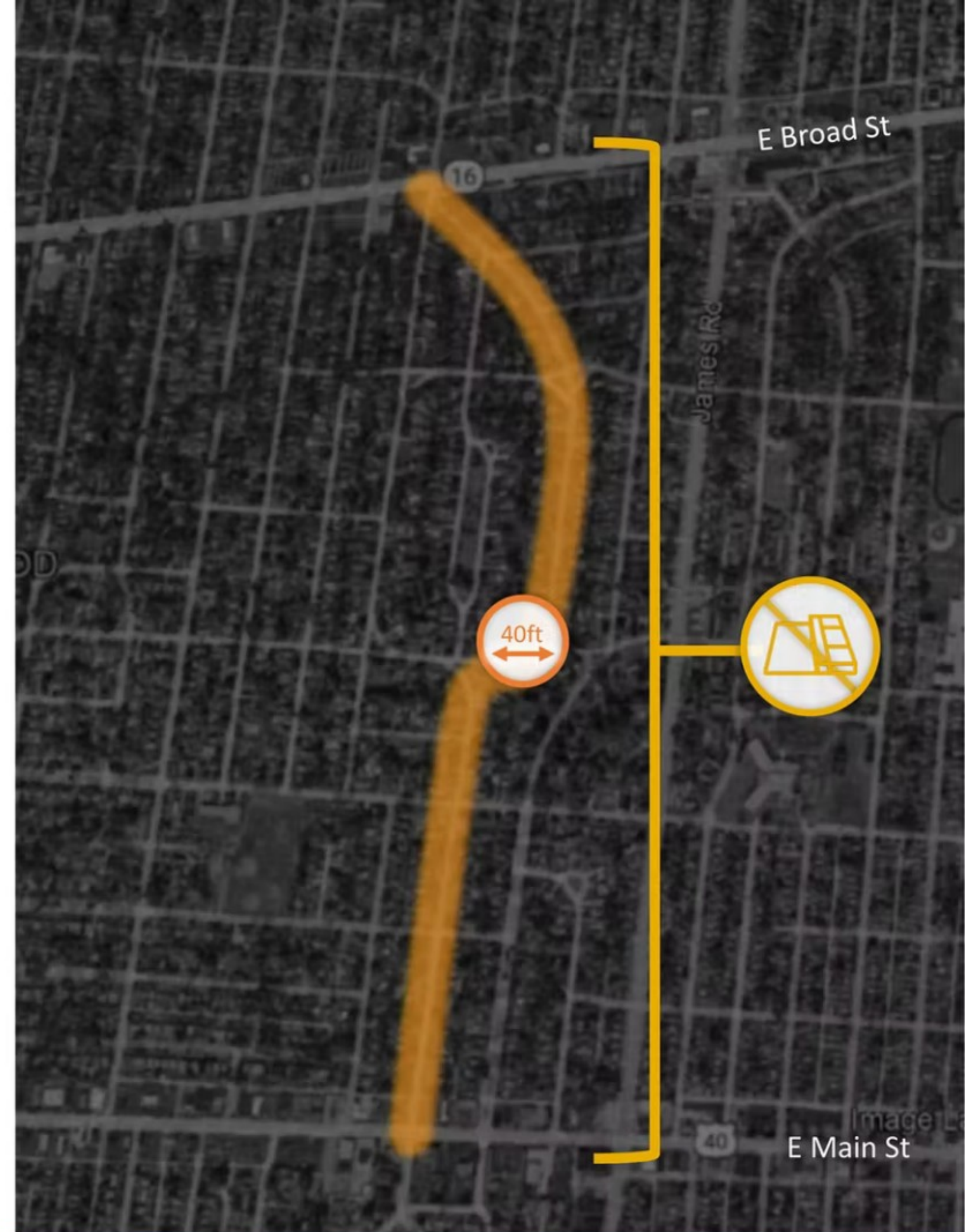
Approximate Road Width



Existing Conditions



Lack of Sidewalks



Existing Conditions

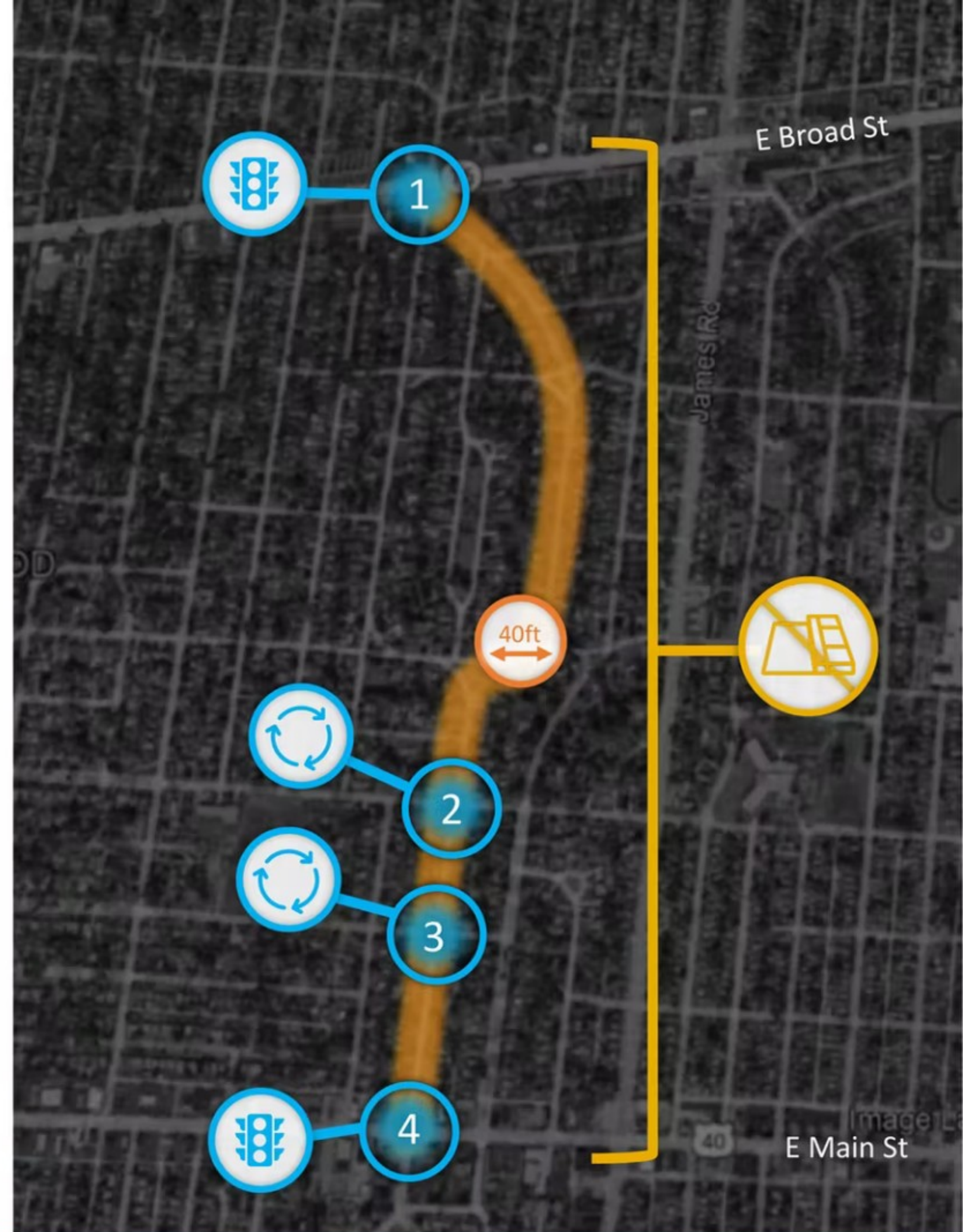


Traffic Circles

+



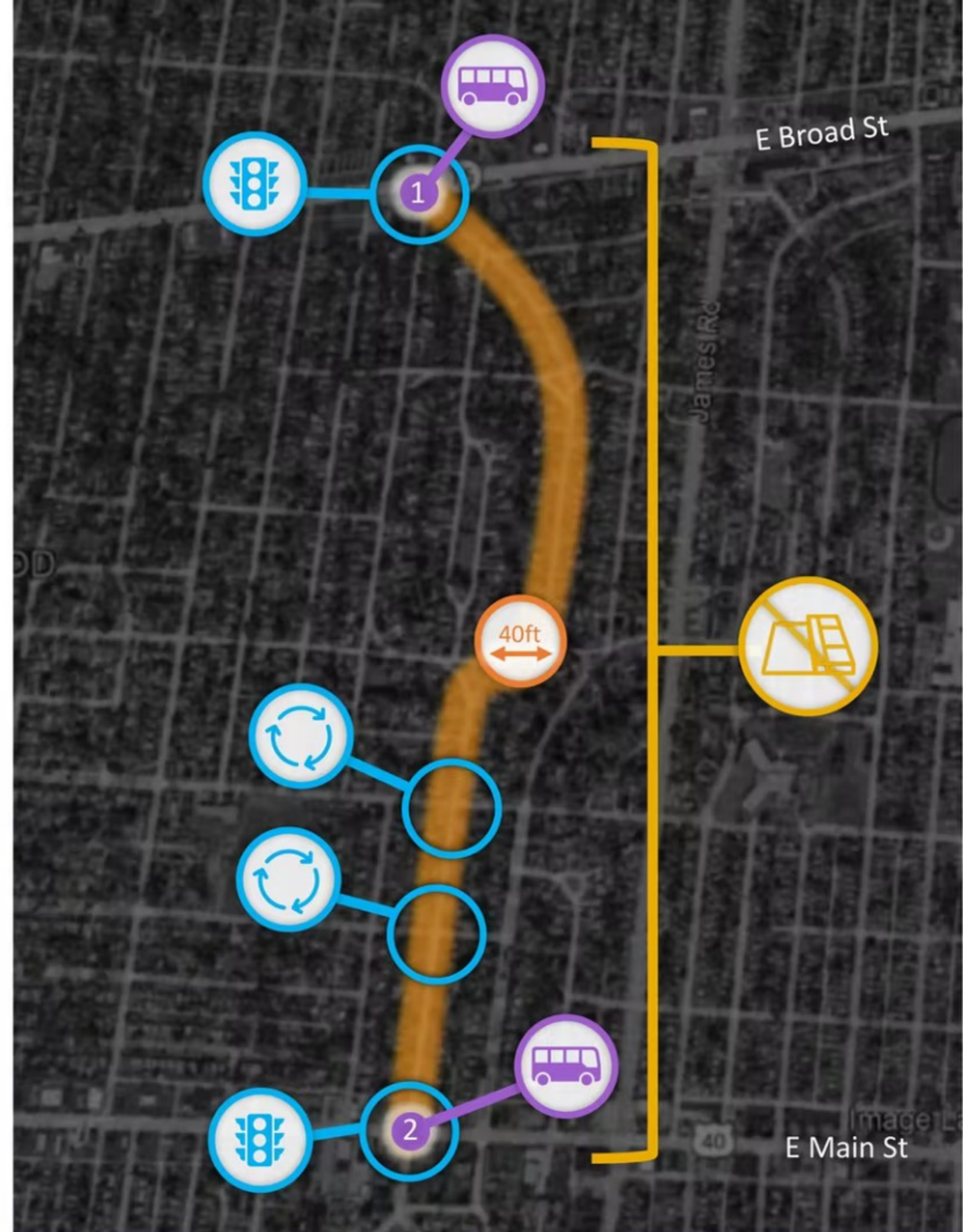
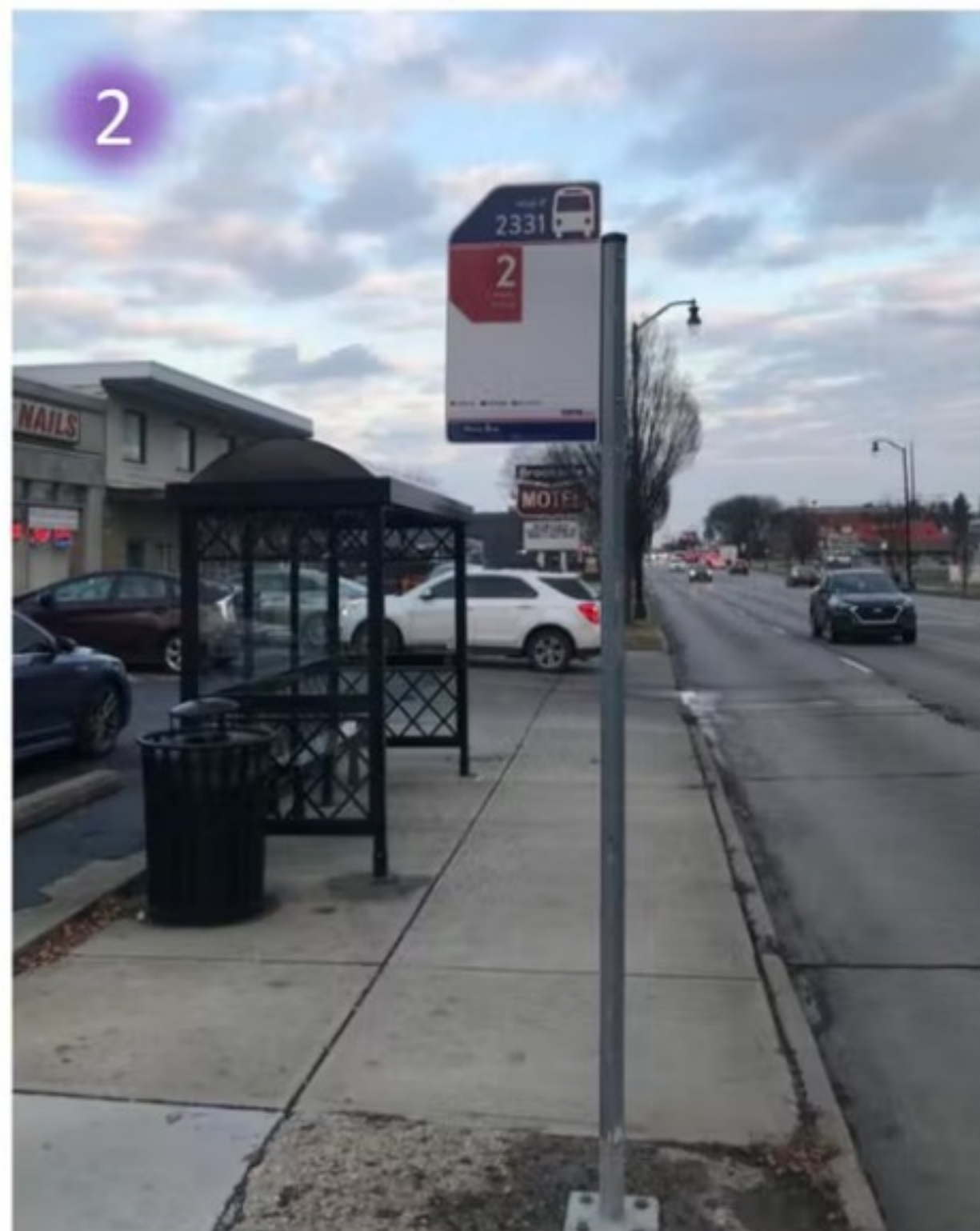
Traffic Signals



Existing Conditions



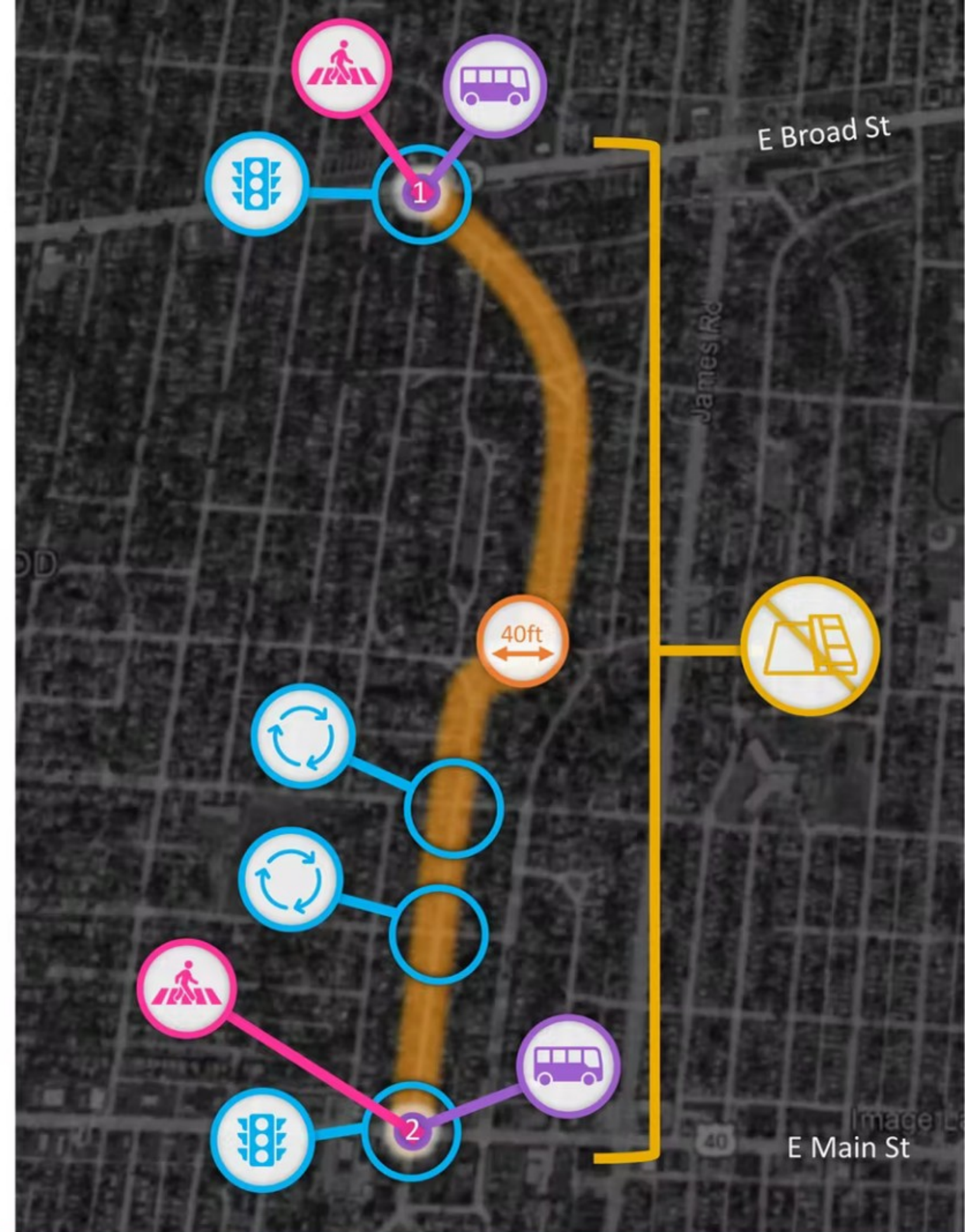
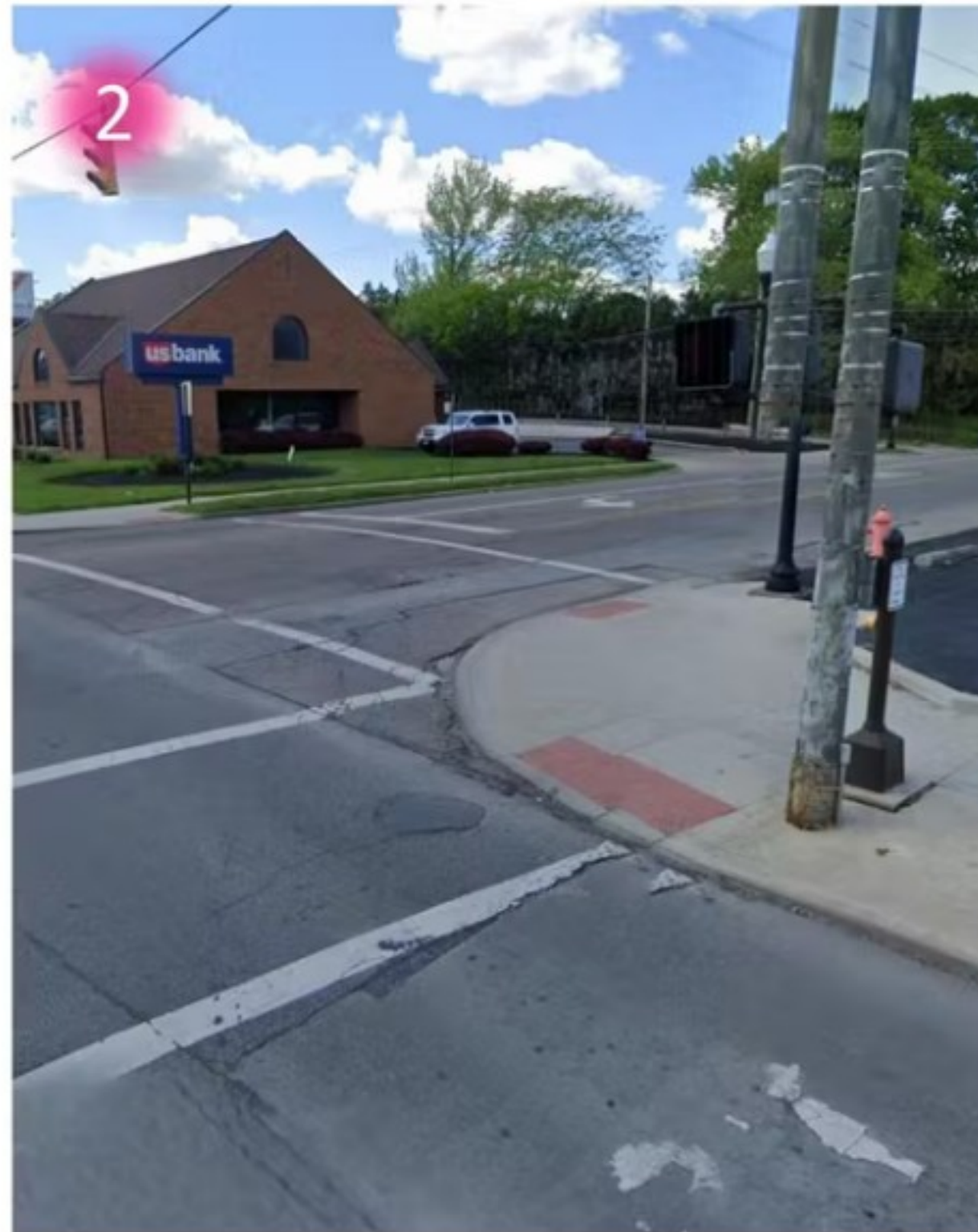
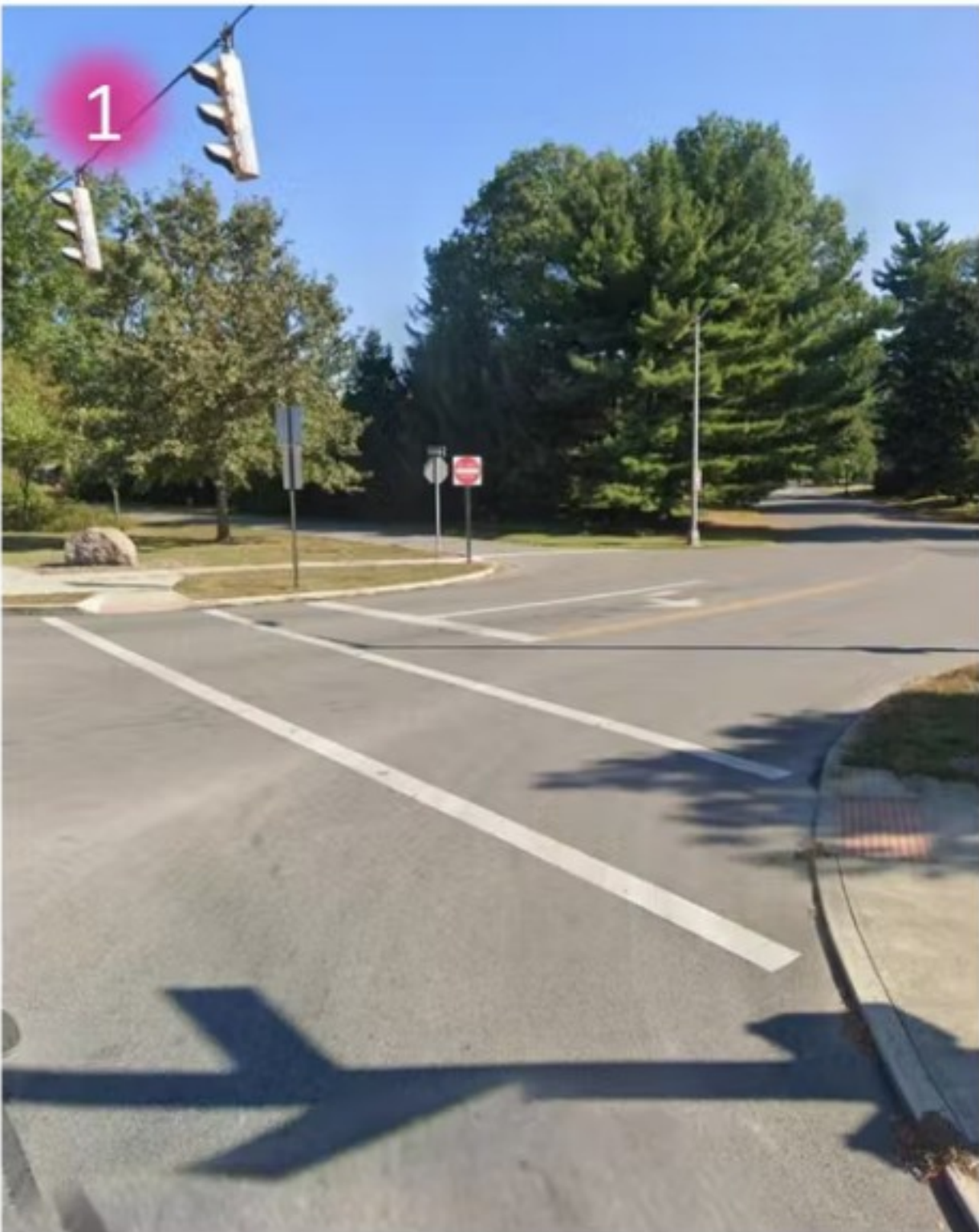
Bus Stops



Existing Conditions



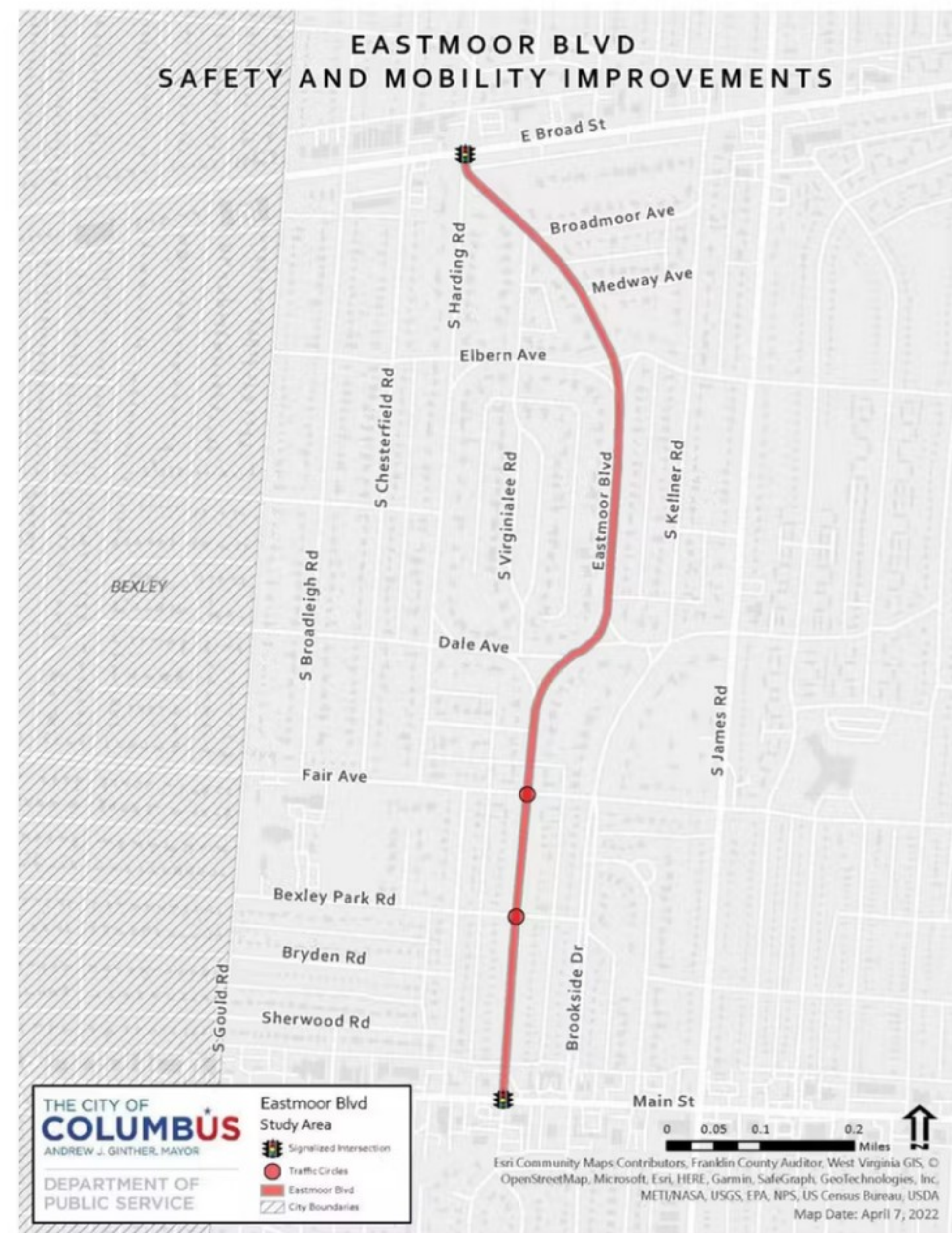
Crosswalks



ISSUES & OPPORTUNITIES

Issues/Opportunities

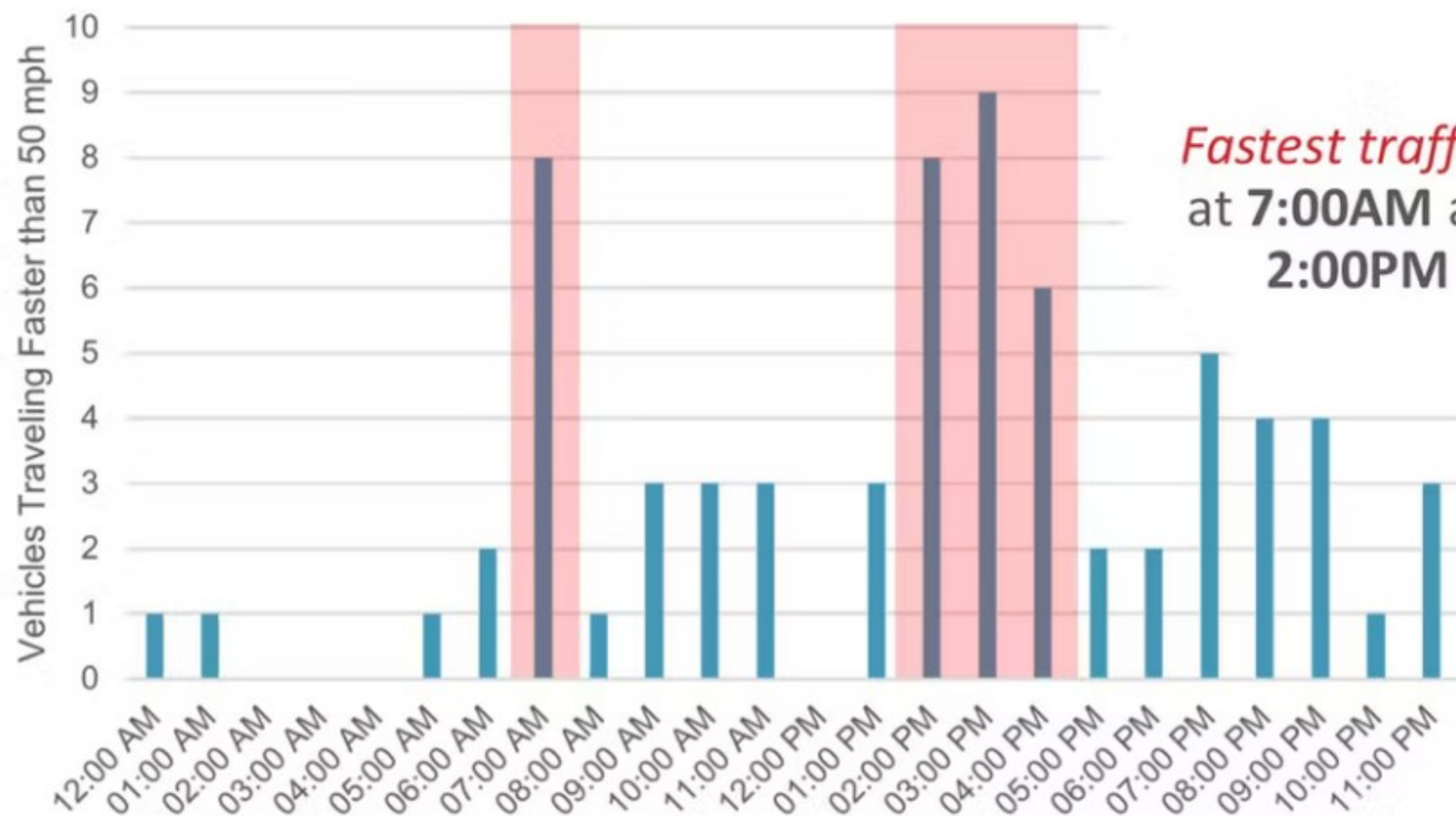
- Analysis of speed data, crash data, parking, 311 service requests, pedestrian and bicycle activity
- Speeding vehicles are a documented issue confirmed by data along Eastmoor Blvd



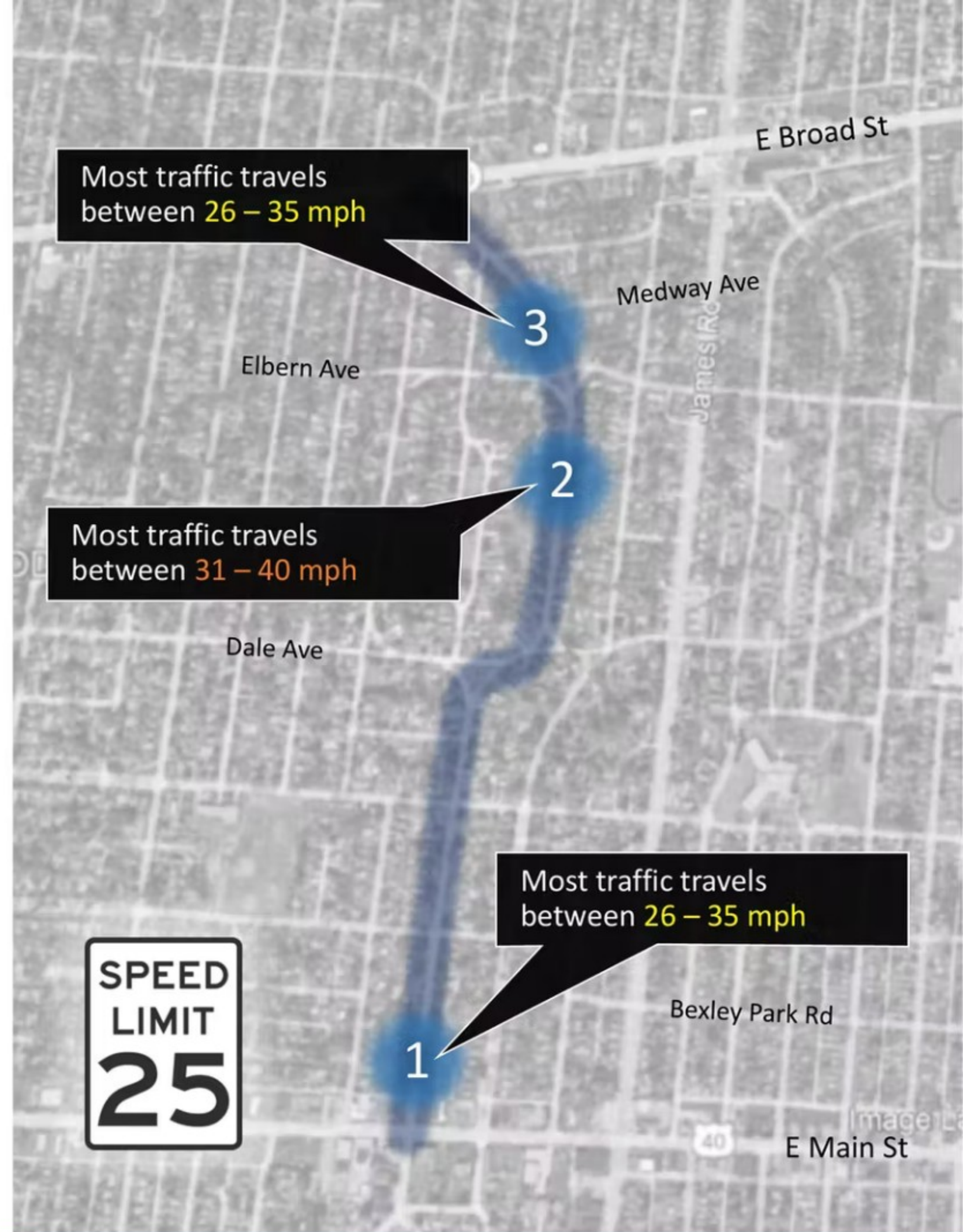
Issues/Opportunities

Speeding

- Potential contributors to speeding include:
 - *Wider roads*
 - *Relatively straight route*

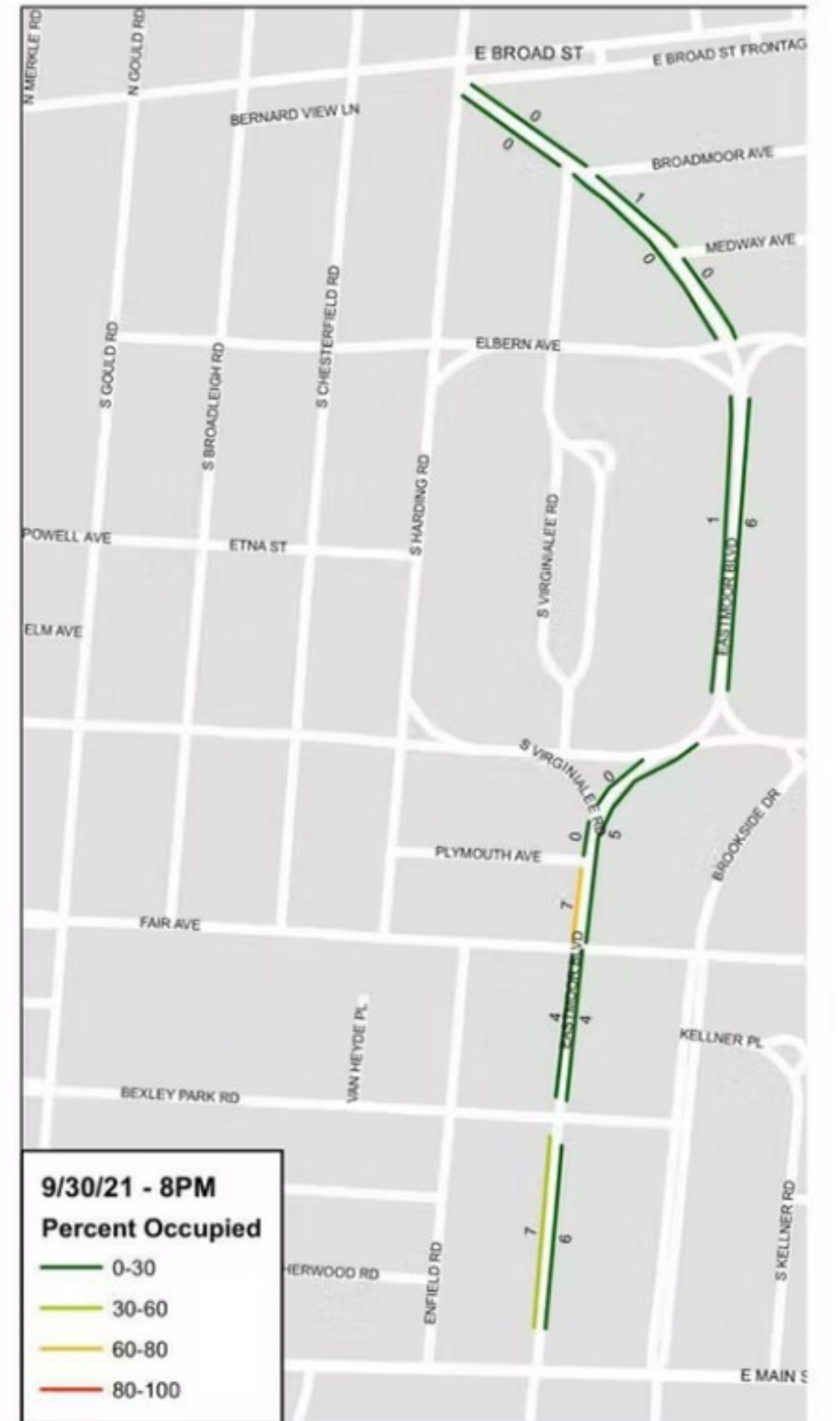
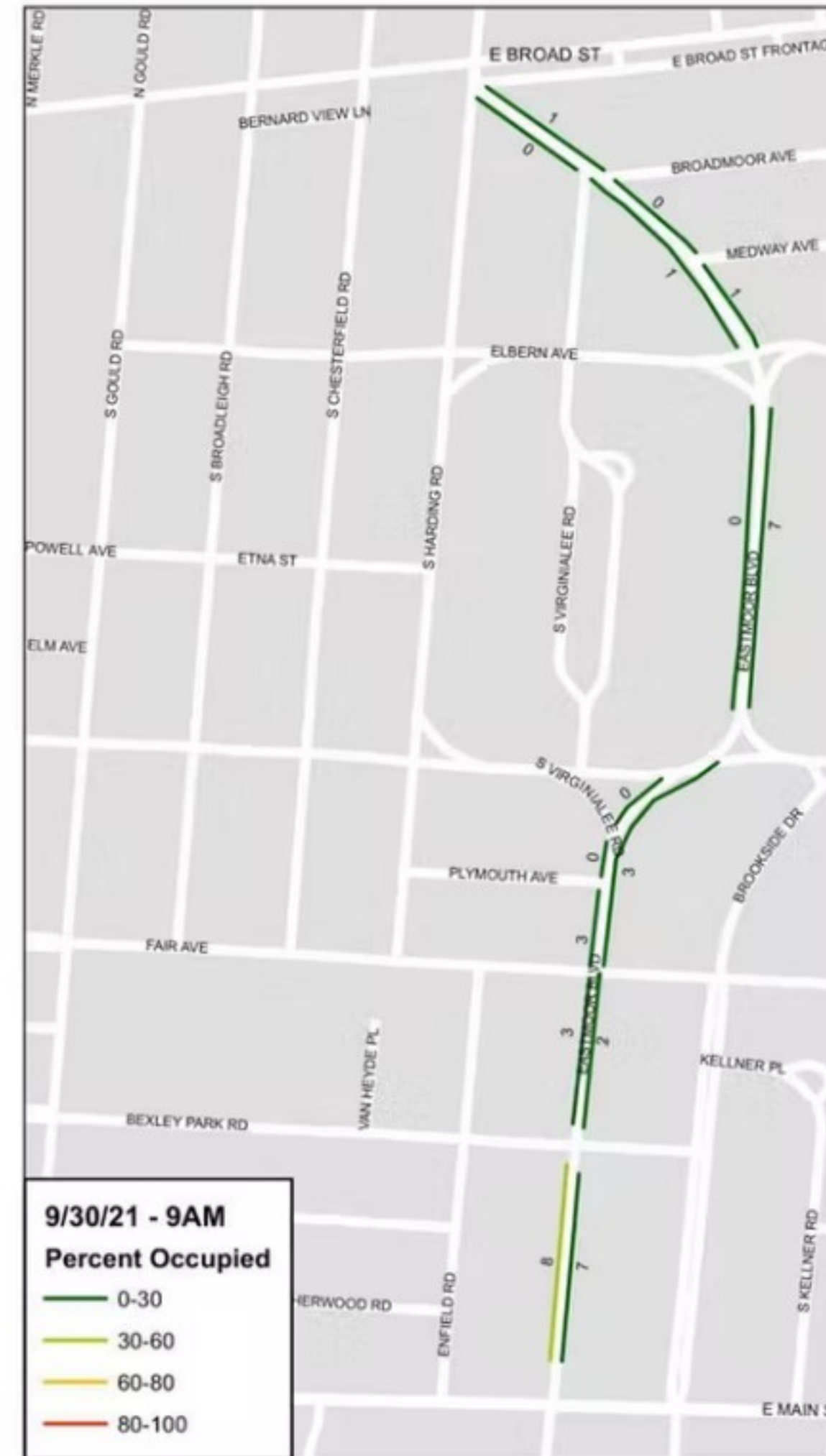
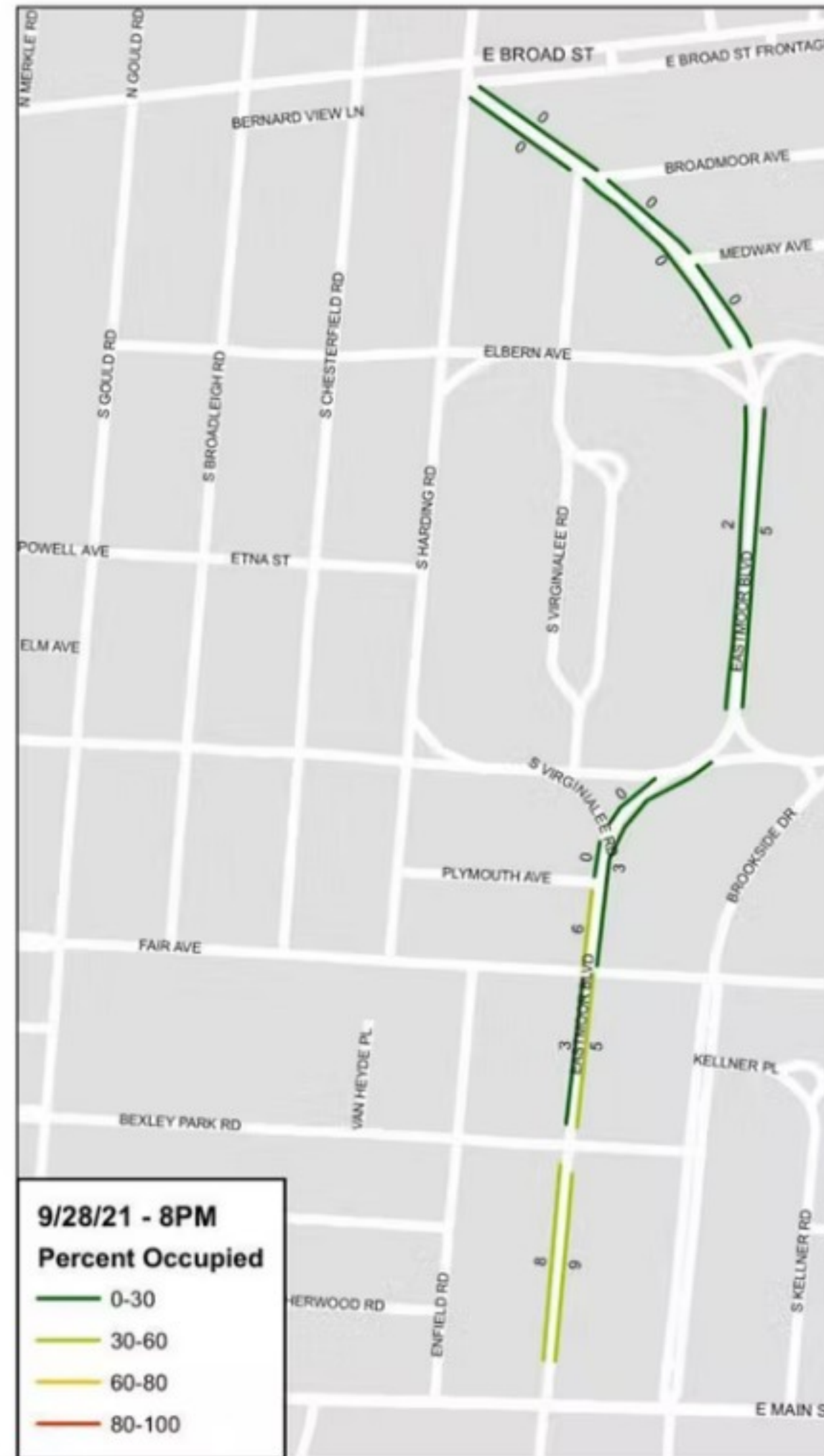
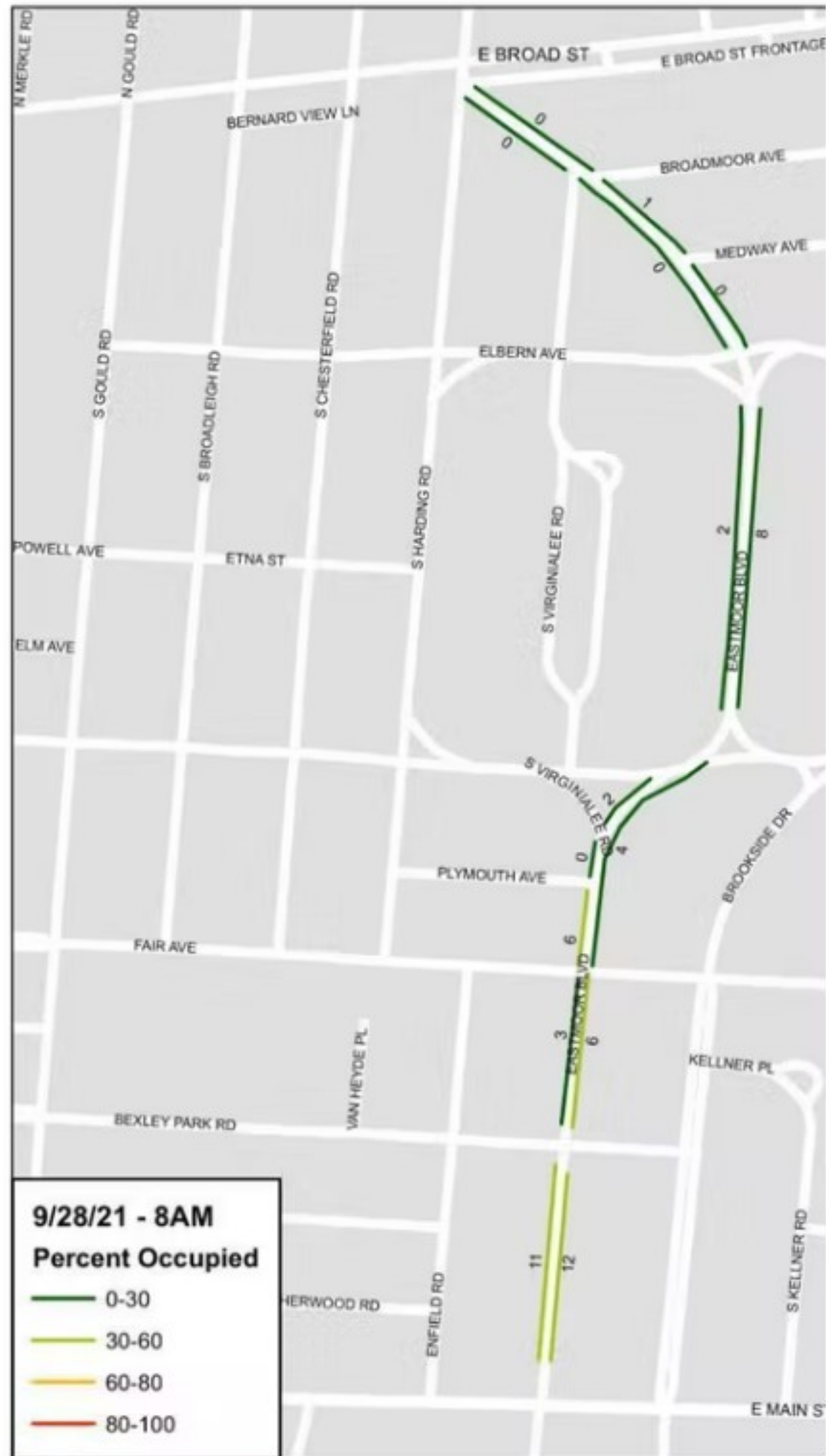


Fastest traffic is observed at **7:00AM** and between **2:00PM – 4:00PM**



Issues/Opportunities

Parking Utilization



POTENTIAL DESIGN SOLUTIONS

Potential Design Solutions

- Multiple options exist to slow down speeding vehicles
- Aim to choose an option that slows speeding and fits into the context of roadway characteristics and community needs

Potential Design Solutions



Median create a pinchpoint for traffic in the center of the roadway.



Chicanes slow drivers by alternating parking or curb extensions along the corridor.



Chokers restrict motorists from operating at high speeds on local streets.



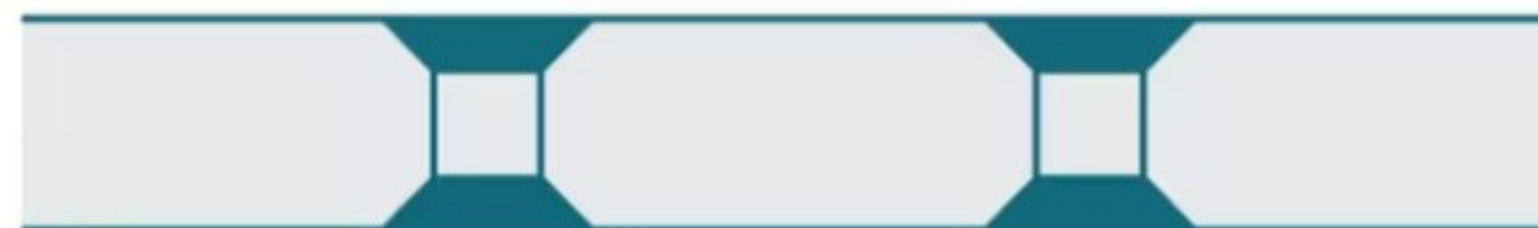
A **lane shift** horizontally deflects a vehicle and may be designed with striping, curb extensions, or parking.

Potential Design Solutions

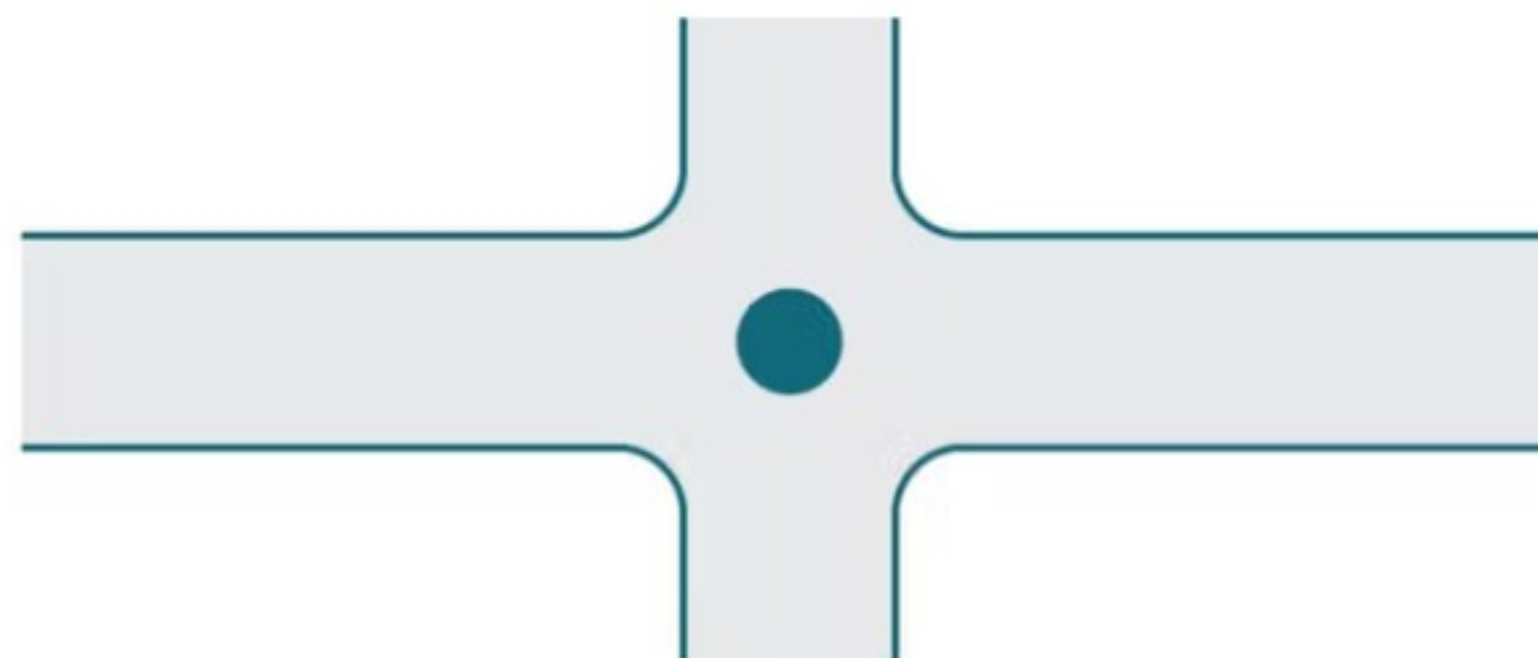
Many options cause vertical or horizontal shift in vehicular movement to create slower speeds



Diverter A traffic diverter breaks up the street grid while maintaining permeability for pedestrians and bicyclists.



Speed humps vertically deflect vehicles

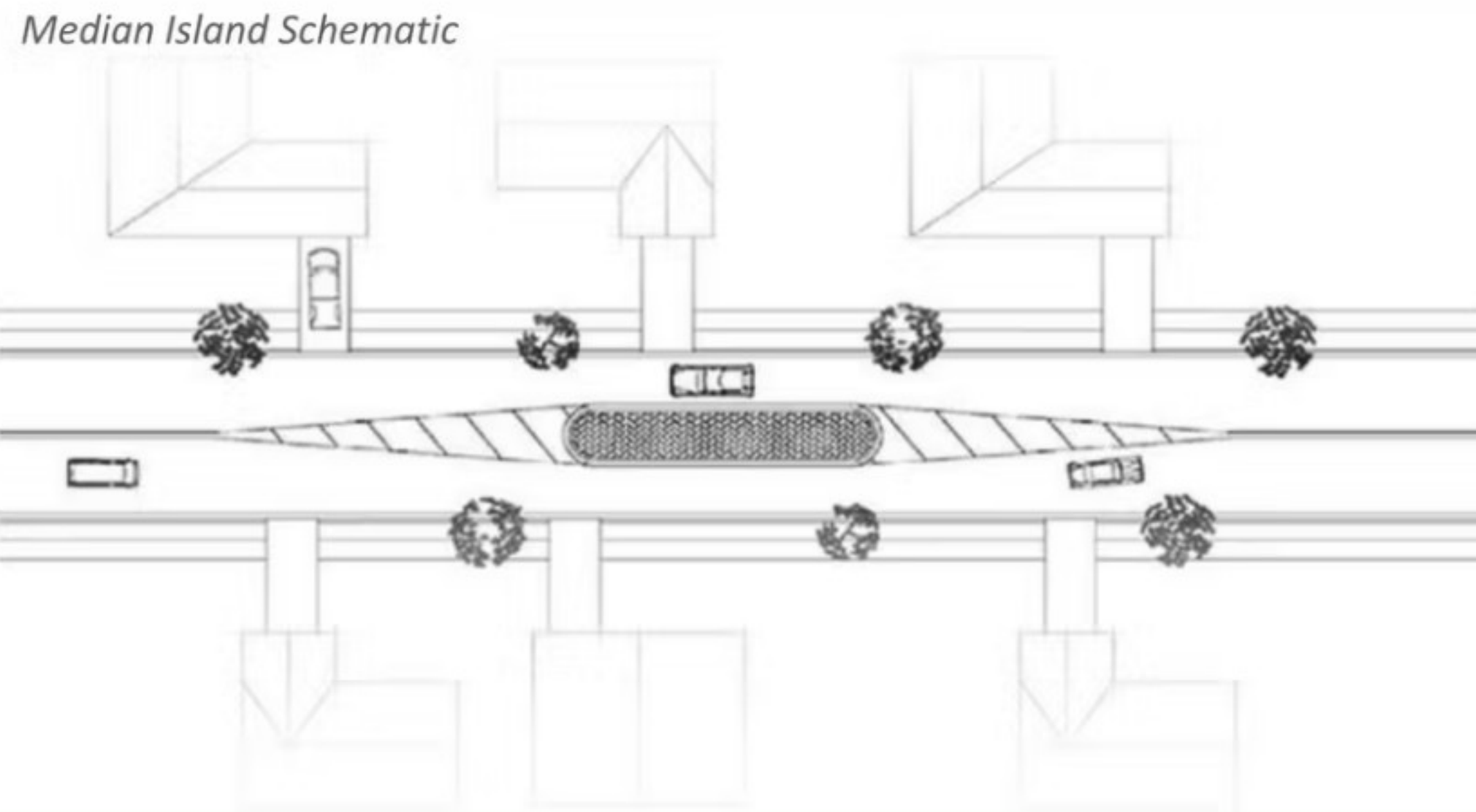


Traffic circles reduce traffic speeds at intersections by requiring motorists to move with caution through conflict points.

Potential Concept: Bike Boulevard with Median Traffic Calming



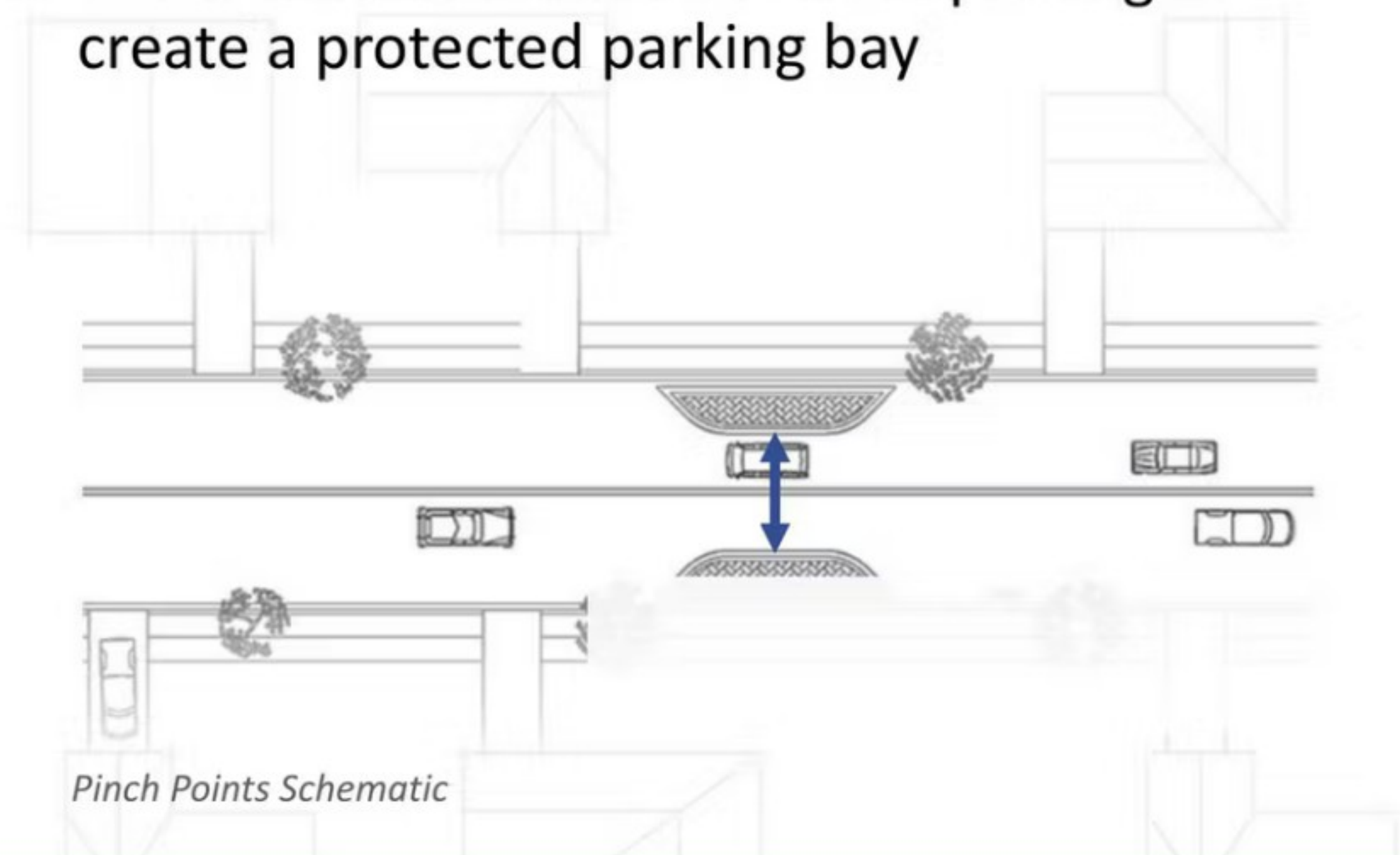
- Utilize medians to slow traffic to enhance safety for pedestrians and bicyclists
- Enhance bicycle connectivity



Potential Concept: Traffic Calming with Pinch Points



- When curb extensions are installed at mid-block locations
- Used to calm traffic by narrowing the roadway width
- Often combined with on-street parking to create a protected parking bay



Potential Concept: Narrow Roadway with Bike Lanes



- Reallocate travel lane space for other uses or modes of travel
- Enhance bikeway connectivity
- Make use of underutilized parking spaces
- Replace parking on one side of the roadway with dedicated bike lanes

- Design options can often be combined to create a comprehensive solution along a corridor
- Incorporate Public Input with Improvement Considerations



Implementation/Cost



Multimodal
Connectivity



Speeding Safety
Improvement



Crash Safety
Improvement



Public Feedback

QUESTIONS AND DISCUSSION



NEXT STEPS

Next Steps

- The Eastmoor Blvd Safety and Mobility Improvements study is expected to be complete by end of June 2022.
- www.tinyurl.com/Eastmoor
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