

# WELCOME!

*The Grandview Drive Meeting #1 Will Begin Soon.*

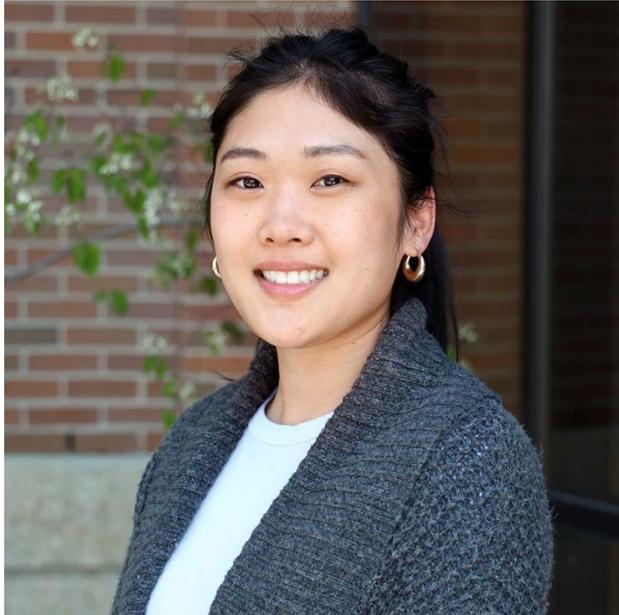


Please use this time to complete an optional, anonymous demographic questionnaire

## Technology Overview – Things to Know

- Attendee video cameras are disabled (we can't see you)
- Attendee screen share is disabled
- All attendees are muted (instructions to unmute will be covered)
- You can leave and rejoin the meeting at any time (unless the meeting is at capacity, or you are removed for inappropriate behavior)
- Multiple opportunities for questions will be provided throughout the presentation
- Presentation and additional materials are available at [a2gov.org/TCGrandview](https://a2gov.org/TCGrandview)

# Project Team



**Kristy Thullen, EIT (she/her)**  
Wade Trim  
Consultant Engagement  
Coordinator  
EIT: Engineer-in-Training



**Lori Pawlik, PE, PTOE (she/her)**  
Wade Trim  
Consultant Traffic Engineer  
PE: Professional Engineer  
PTOE: Professional Traffic Operations  
Engineer



**Chris Wall, PE, PTOE (he/him)**  
Wade Trim  
Consultant Client Manager  
PE: Professional Engineer  
PTOE: Professional Traffic Operations  
Engineer

# Ann Arbor Support Staff



**Andrea Wright** (she/her)  
City of Ann Arbor  
Engineering Analyst  
Program Facilitator



**Cynthia Redinger, PE, PTOE, RSP** (she/her)  
City of Ann Arbor  
Transportation Engineer  
PE: Professional Engineer  
PTOE: Professional Traffic Operations Engineer  
RSP: Road Safety Professional

# Meeting Agenda

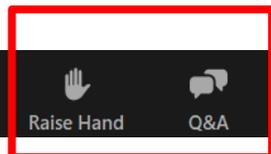
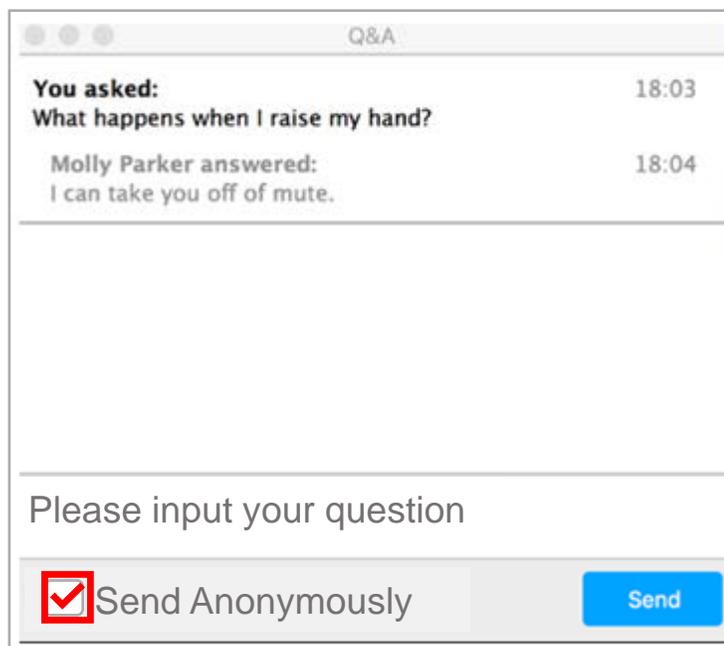
- I. Zoom Technology Overview
- II. Meeting Norms
- III. Traffic Calming Process
  - Resident-Initiated Petition
  - Initial Questionnaire
  - Meeting #1
    - Device Toolbox
    - Starter Idea
    - Feedback Exercise
  - Meeting #2
  - Final Polling
- IV. Next Steps

# Technology Overview – Ask a question/share a comment

**Note:** When you raise your hand, the host will enable your microphone. The host will disable your microphone after your question.

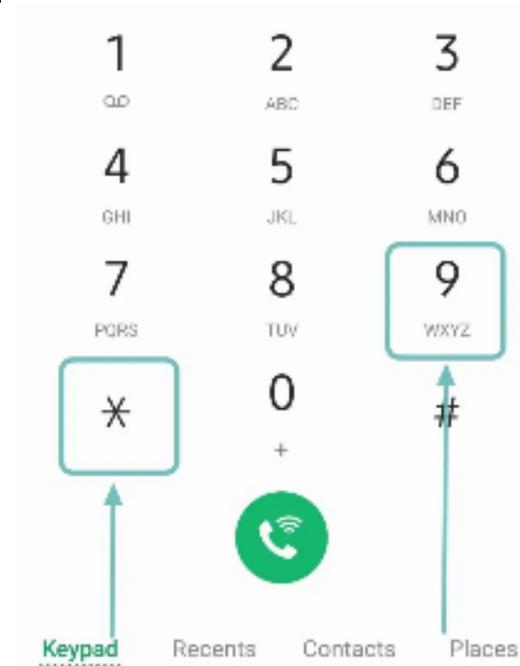
## Computer

- Select **Raise Hand** 
  - You will be identified by the name provided when you entered the meeting
  - Select **Lower Hand**  if needed
- **Q&A:**
  - Type your question
  - Check **Send Anonymously** if you do not want your name to be publicly visible with your Question
  - Click **Send**



## Phone

- Select \*9 to raise your hand
- You will be identified by the last 3 digits of your phone number

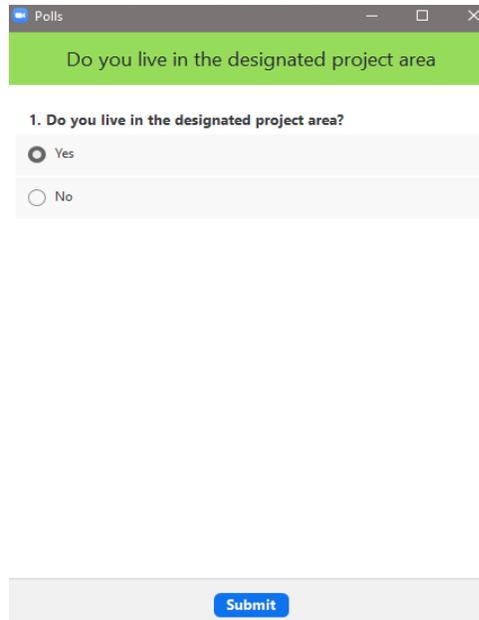


# Technology Overview – Polling

**Note:** When you raise your hand, the host will enable your microphone. The host will disable your microphone after your question.

## Computer

- During an active poll
  - Click your answer
  - Press submit



The screenshot shows a browser window titled "Polls" with a green header bar containing the question "Do you live in the designated project area?". Below the header, the question is repeated: "1. Do you live in the designated project area?". There are two radio button options: "Yes" (which is selected) and "No". At the bottom of the form is a blue "Submit" button.

- When the poll closes
  - View results
  - Press close



The screenshot shows the same browser window titled "Polls" with a green header bar containing the text "Host is sharing poll results". Below the header, the question is repeated: "1. Do you live in the designated project area?". There are two horizontal progress bars: "Yes" with a blue bar at 100% and "No" with a grey bar at 0%. At the bottom of the form is a blue "Close" button.

## Phone

- Raise your hand (\*9)
- The host will unmute you
- Say your answer to the poll

**Note:** Phone polling is not anonymous. Everyone in the meeting will be able to hear your response.

**Note:** Computer polling is anonymous. Your name will not be viewable with your response

# Polling

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# Zoom Meeting Norms

- Start on time . . . end on time.
- Raise your hand to be recognized to talk; there will be one speaker at a time
- Move to a quiet area and silence any background sounds when speaking
- Speak loud and clear so everyone can hear
- Everyone will be provided a chance to speak before a repeat speaker
- Be respectful of other ideas and perspectives – no finger pointing!
- Try to differentiate between I know (facts), and I think (opinions).
- Inappropriate written and/or verbal comment or language, including personal attacks and accusations, will result in the attendee being removed from the meeting.

Have we missed anything?

# **Traffic Calming**

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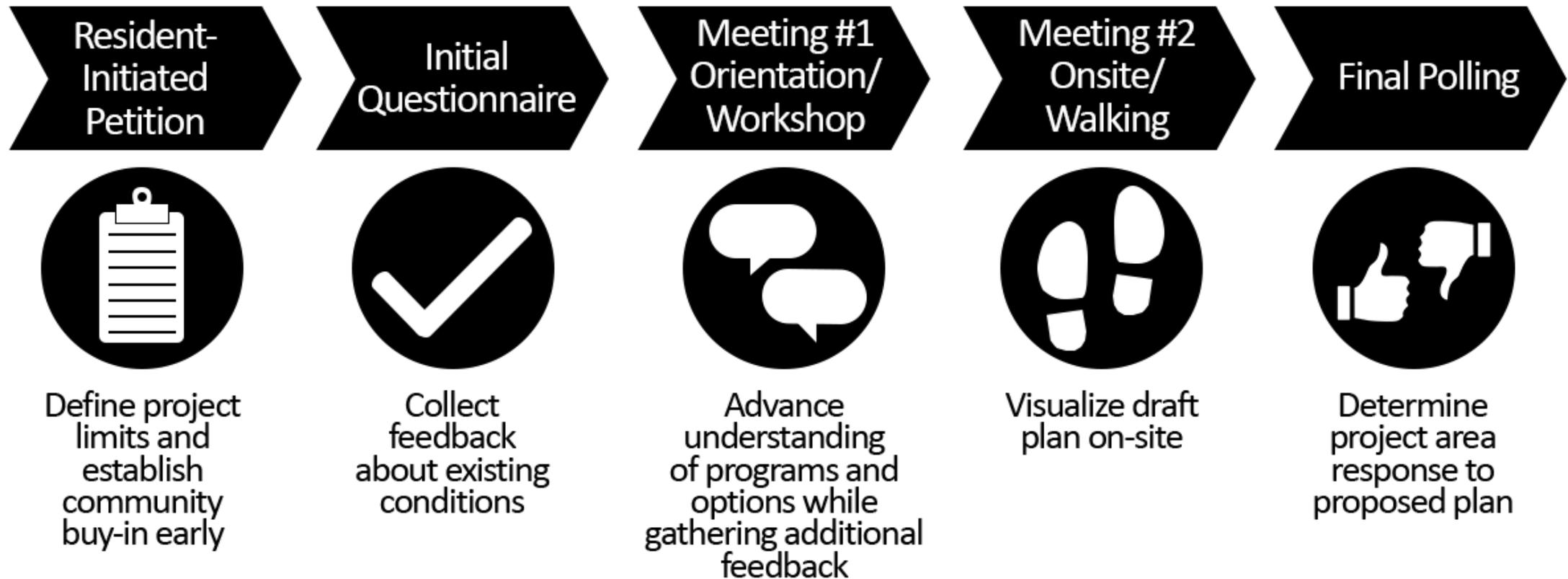
# **Process**

# What is Traffic Calming?

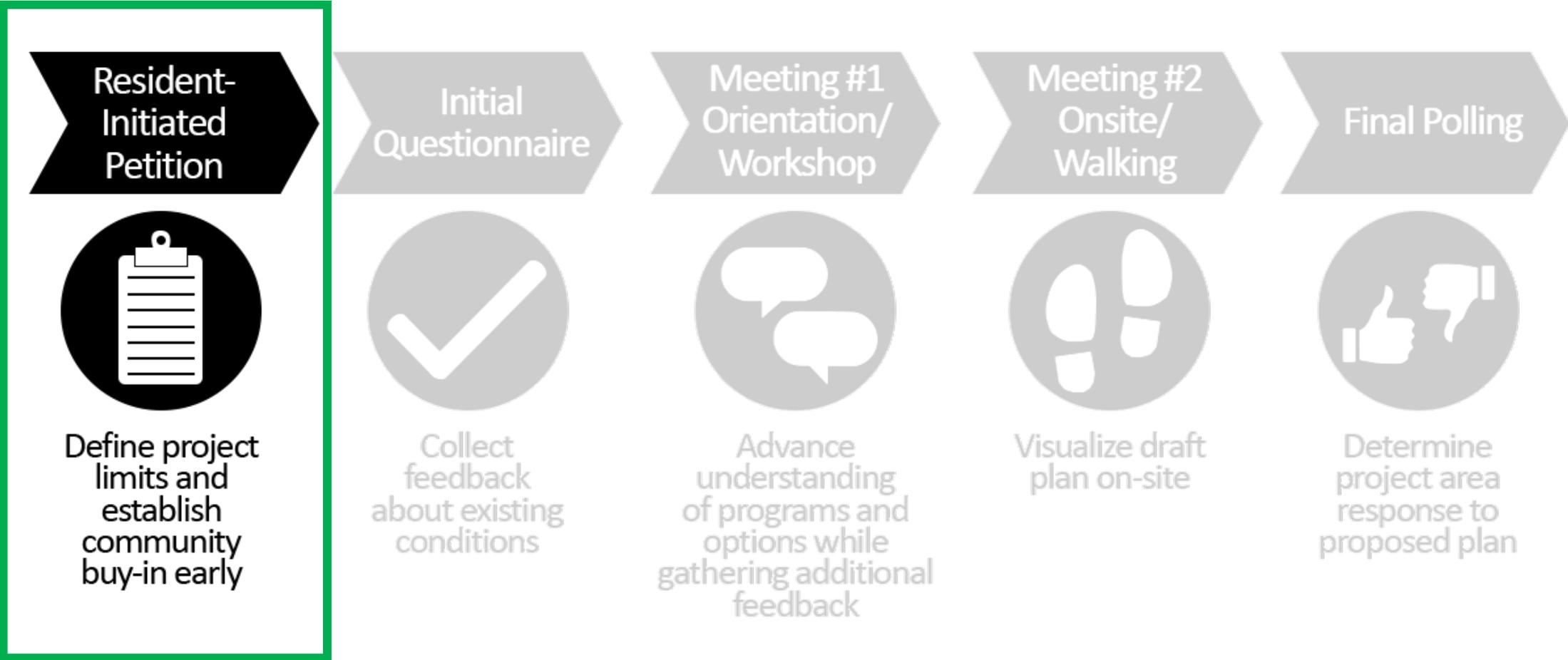
“Traffic Calming is the combination of mainly physical measures that reduce the negative effects of motor vehicle use, alter driver behavior, and improve conditions for non-motorized street users.”

Lockwood, Ian. *Institute of Transportation Engineers (ITE) Traffic Calming Definition*. ITE Journal, July 1997, pg. 22.

# Traffic Calming in Ann Arbor



# Step 1: Resident-Initiated Petition



# Resident-Initiated Petition Results



resident-initiated petition



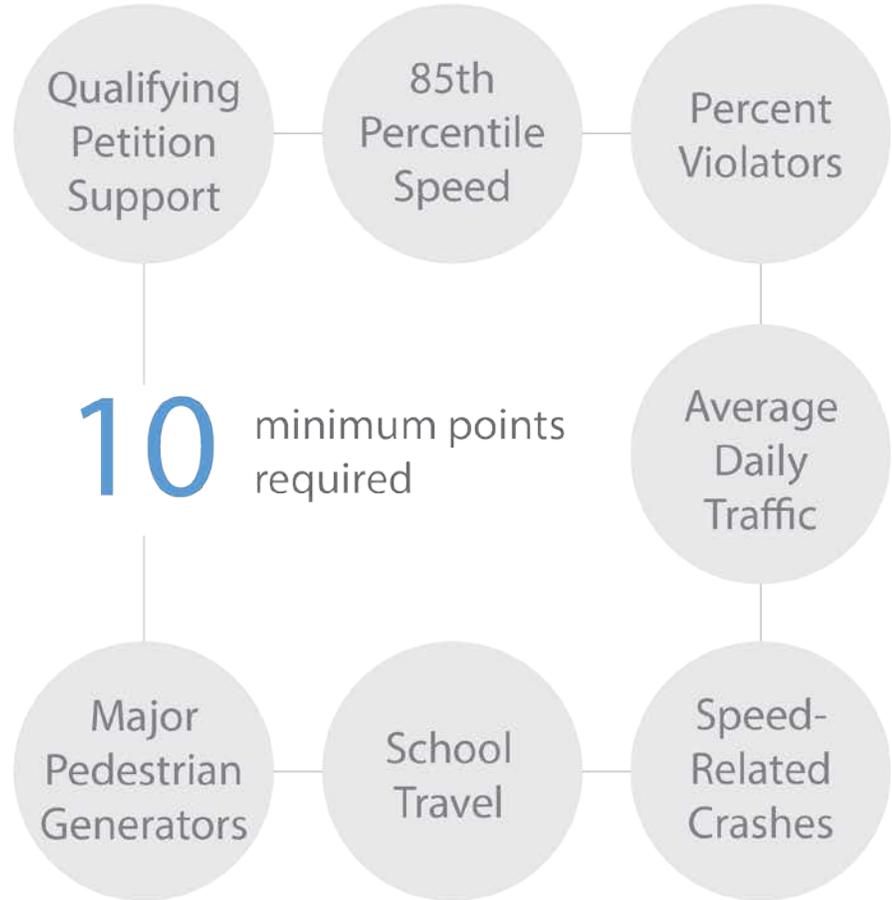
50%



minimum addresses properly represented within area of interest



100% representation achieved

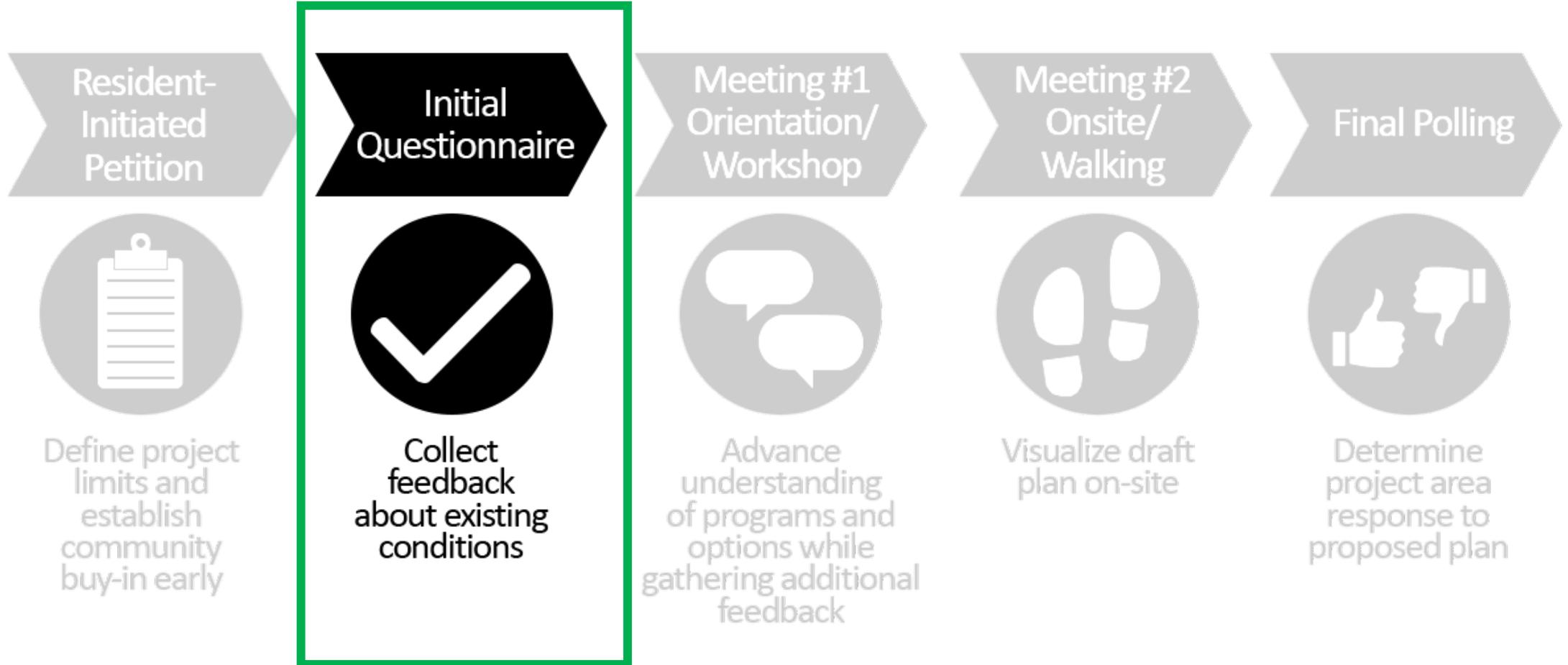


10 minimum points required

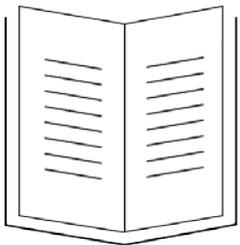


11 pts earned

# Step 2: Initial Questionnaire



# Initial Questionnaire Results



Initial Questionnaire Package



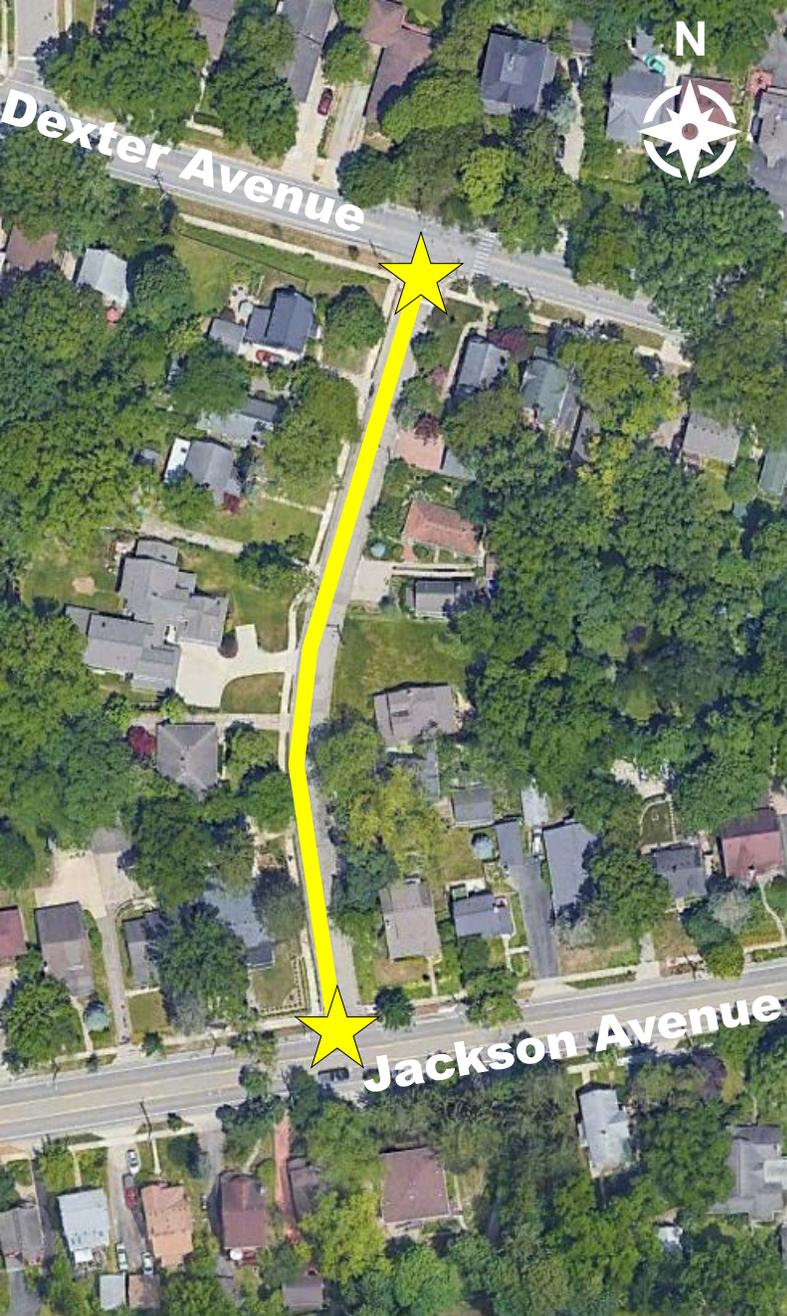
50%

minimum response support required



89%

response support received



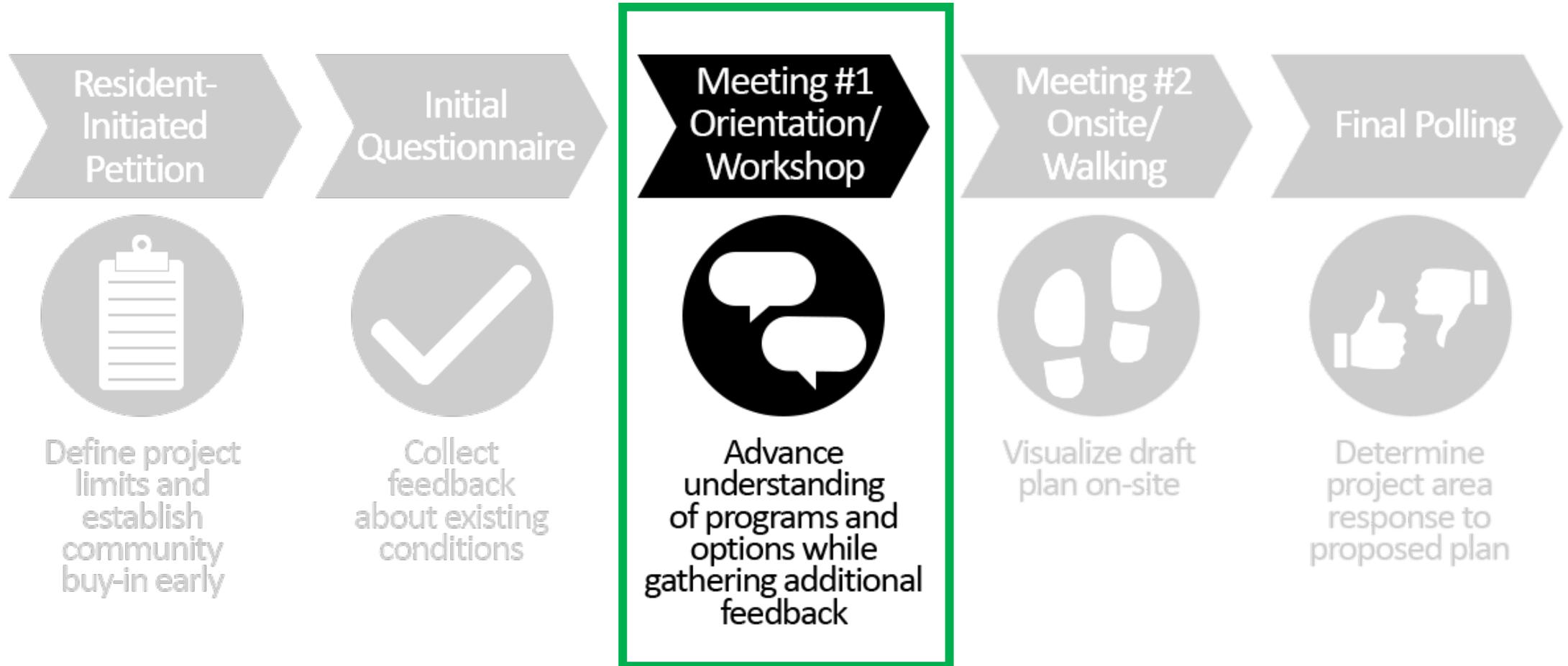
# Initial Questionnaire Summary

Detailed summary at [a2gov.org/TCGrandview](https://a2gov.org/TCGrandview)

- Speeding
- Noncompliance to No Thru Trucks sign
- Vulnerable pedestrians live here
- Traffic Calming efforts on neighboring streets push traffic to Grandview
- Important pedestrian crossings ★
- Midblock crossings
- Driveways being used for turnaround traffic

Do you have any additional concerns or clarifications related to the project area?

# Step 3: Meeting #1 Orientation/Workshop



# Polling

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# Orientation: Device Toolbox

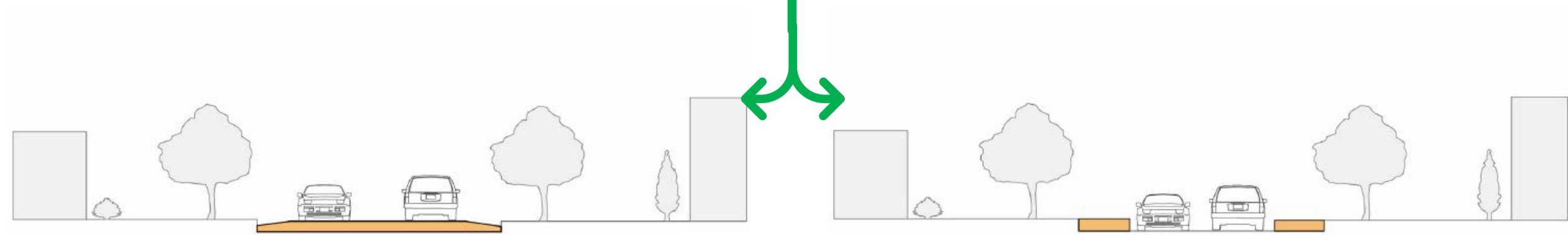
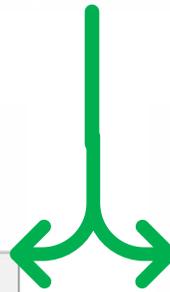
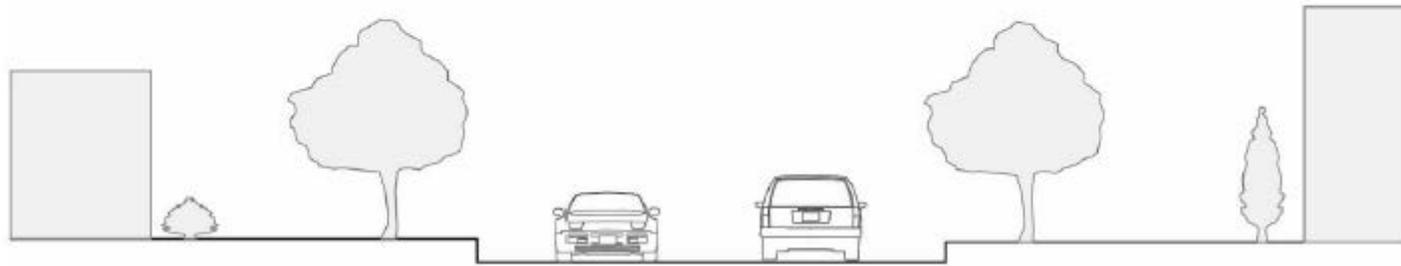
## NOT Included

- Stop Signs
- Cul-de-Sac/Street Closure
- Police Enforcement
- New Sidewalk Installation
- Removal of Existing Devices

Additional information and resources can be found in the guidebook or on the a2gov website



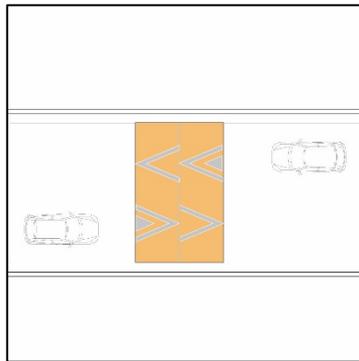
# Orientation: Device Toolbox



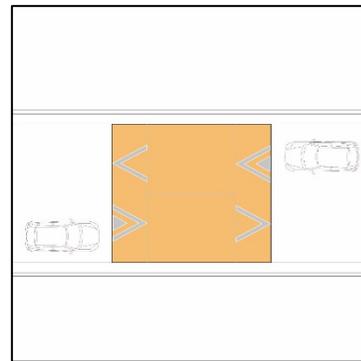
things you drive over

things you drive around

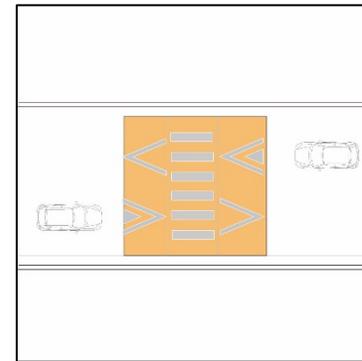
# Orientation: Device Toolbox



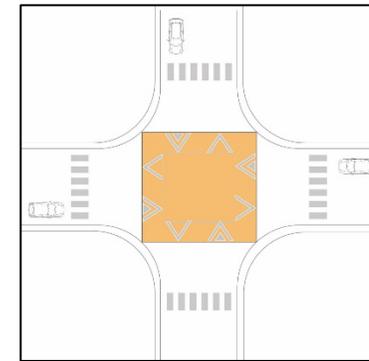
Speed Hump



Speed Table

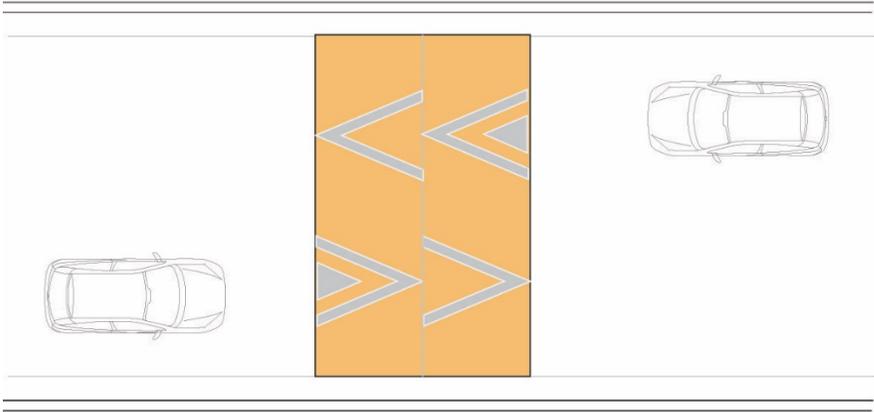


Raised Crosswalk



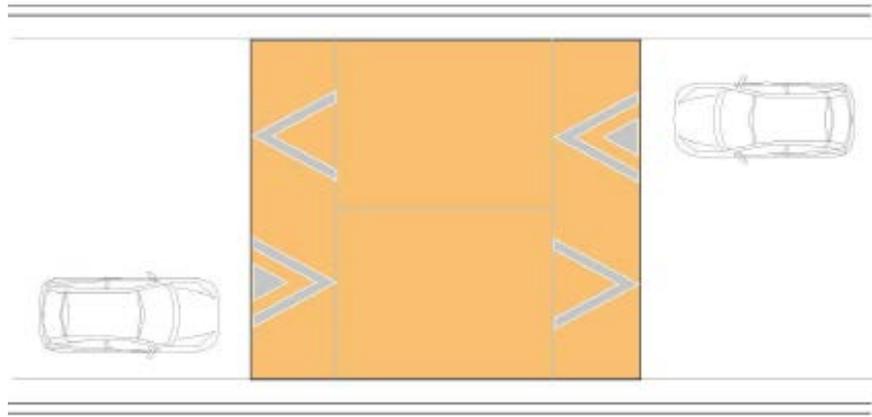
Raised Intersection

# Things You Drive Over: Speed Humps



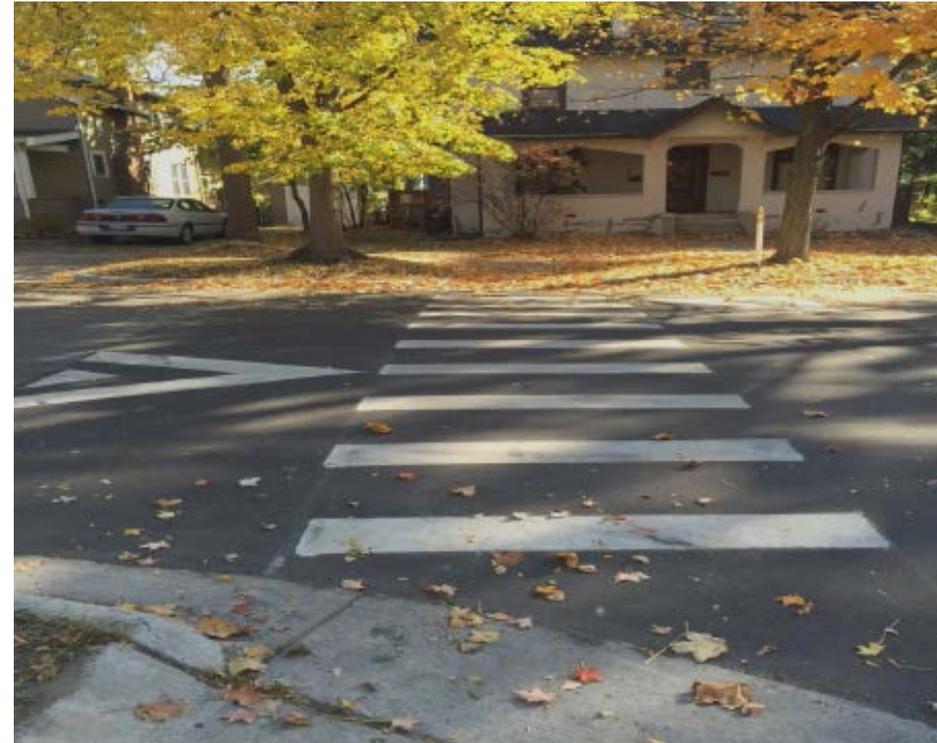
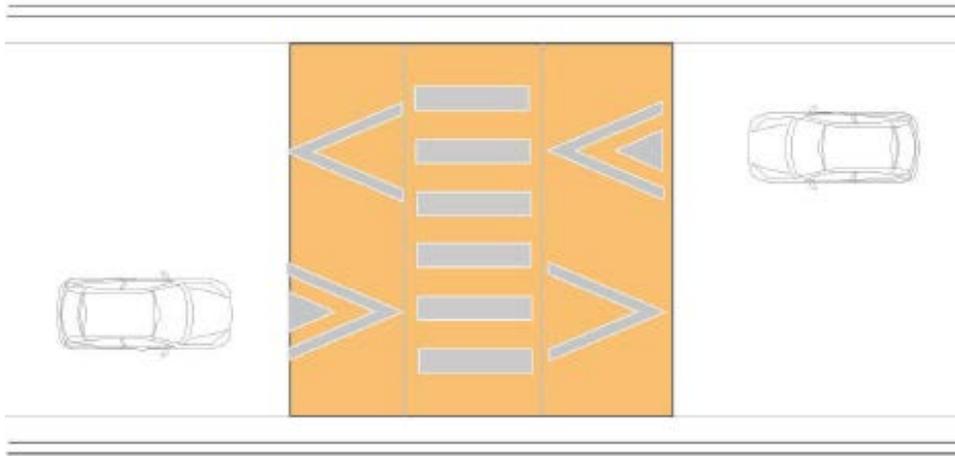
Example: Wells Street

# Things You Drive Over: Speed Tables



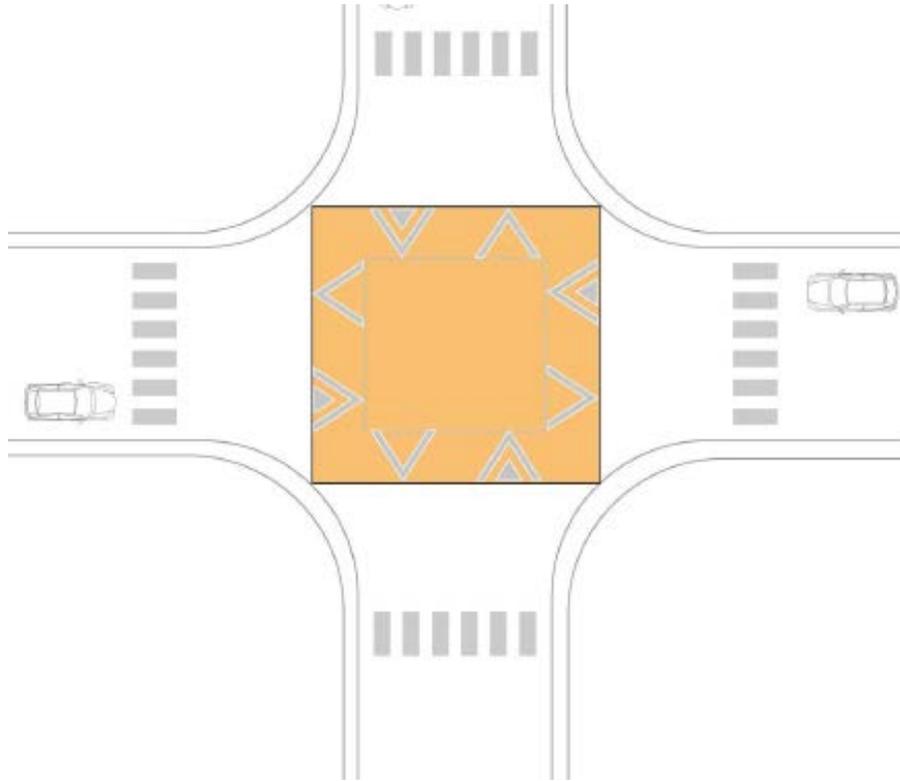
Example: Glenwood Road

# Things You Drive Over: Raised Crosswalk



Example: S. Forest Avenue

# Things You Drive Over: Raised Intersection

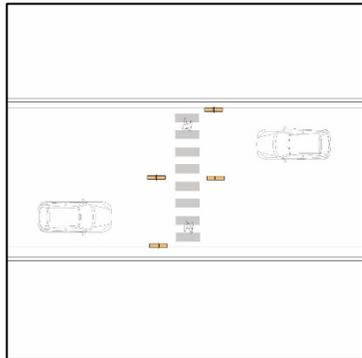
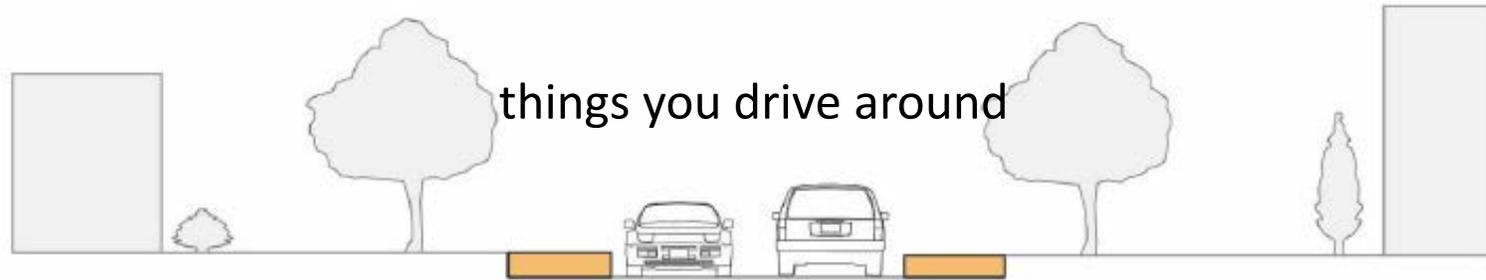


Example: Maplewood Avenue

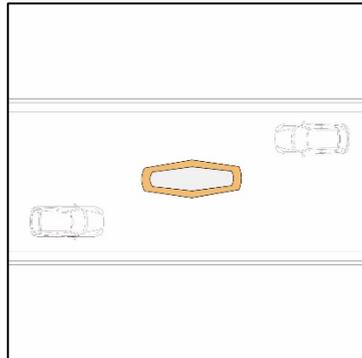
# Questions?

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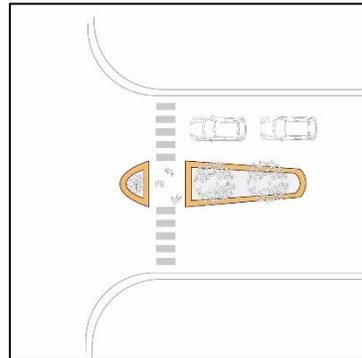
# Orientation: Device Toolbox



Pedestrian Gateway



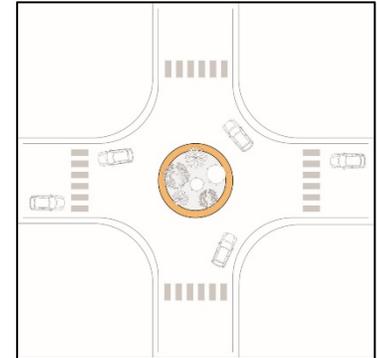
Median Island



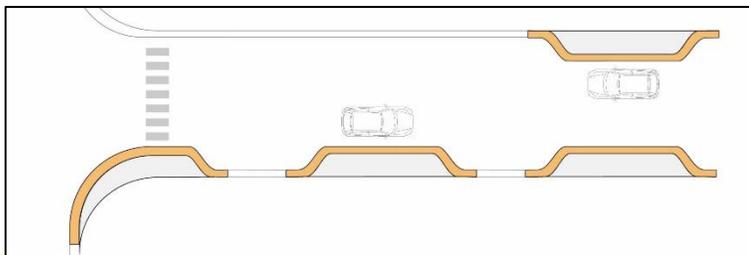
Pedestrian Island



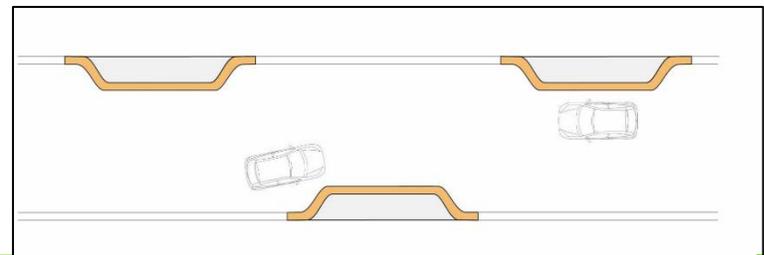
Residential  
Traffic Circle



Mini Roundabout

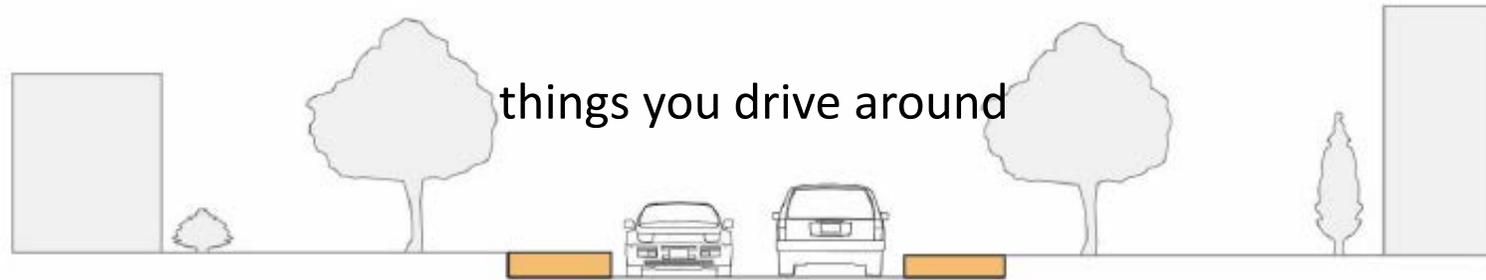


Curb Extensions



Chicanes

# Orientation: Device Toolbox



street not wide enough for emergency vehicle clearance!

Pedestrian Gateway

street not wide enough for emergency vehicle clearance!

Median Island

street not wide enough for emergency vehicle clearance!

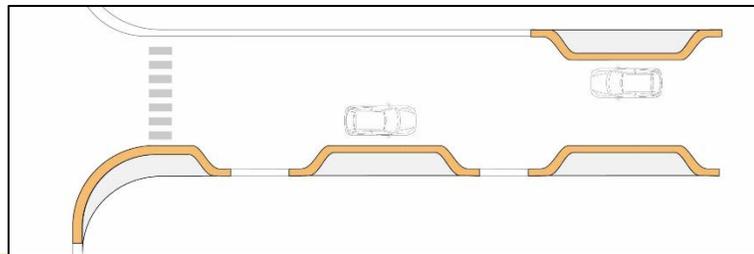
Pedestrian Island

street not wide enough for emergency vehicle clearance!

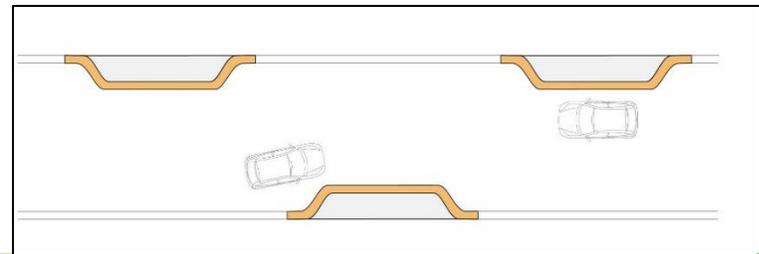
Residential Traffic Circle

street not wide enough for emergency vehicle clearance!

Mini Roundabout

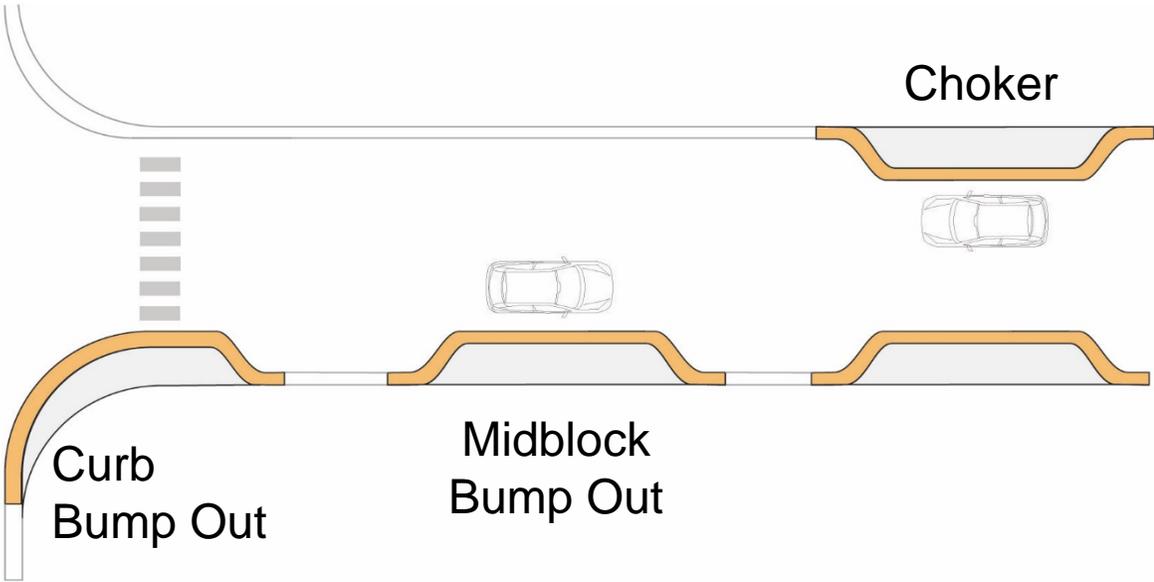


Curb Extensions



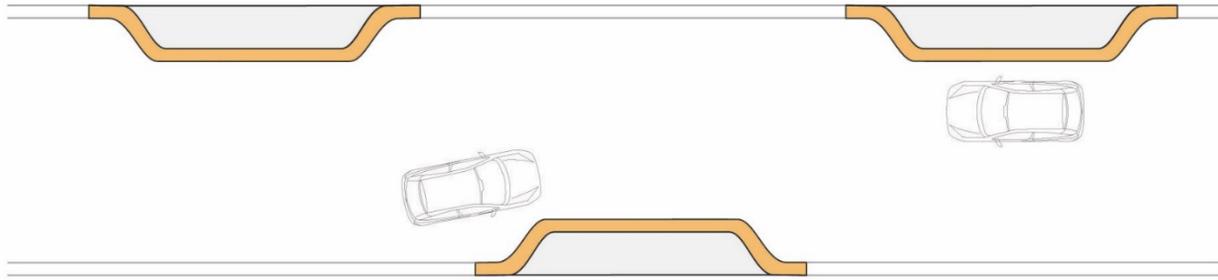
Chicanes

# Things You Drive Around: Curb Extensions



Example: Granger Avenue Bump Out

# Things You Drive Around: Chicanes



Example: Virginia Department of Transportation

# Other Devices: Neighborhood Gateway Treatment

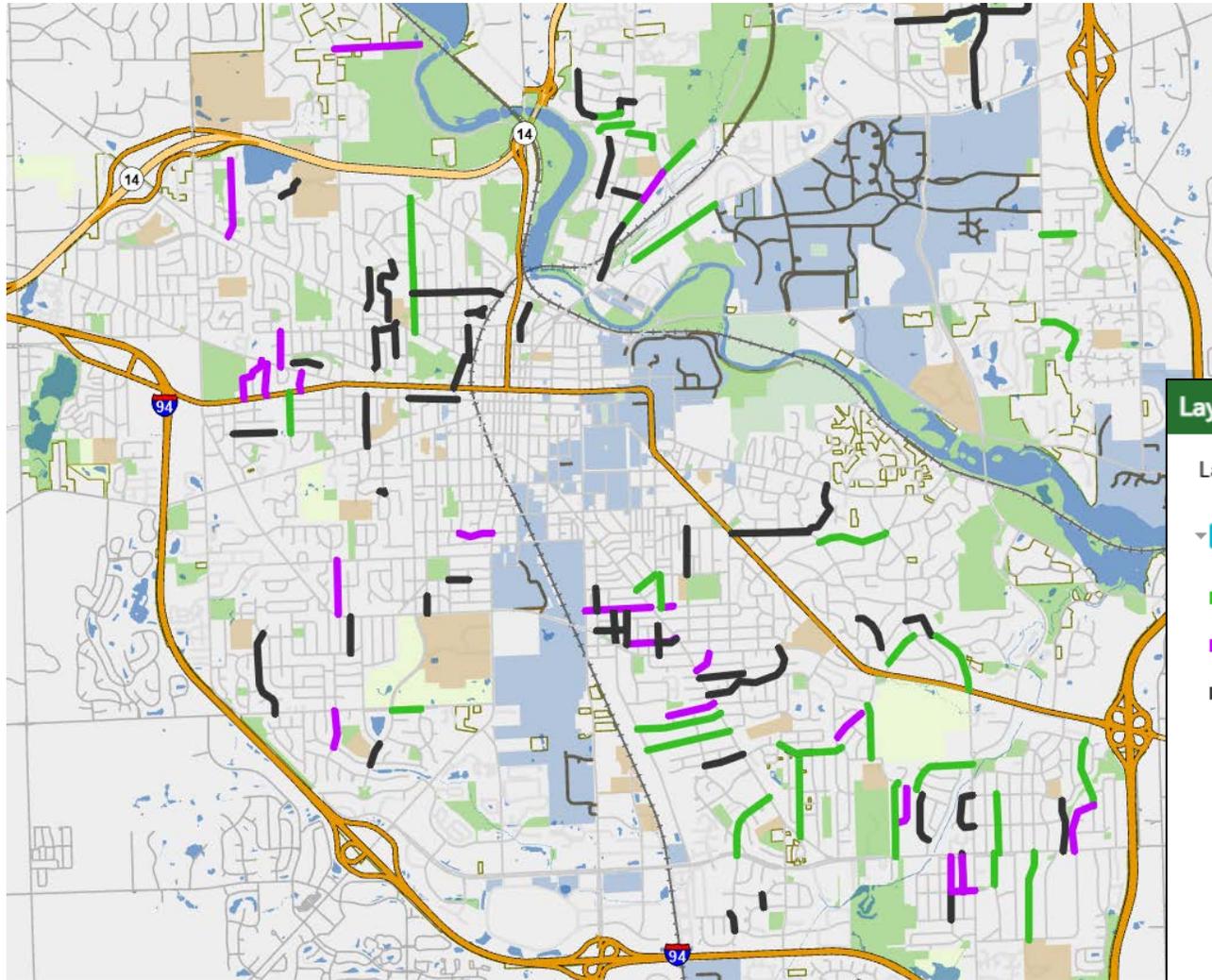


# Questions?

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# Ann Arbor Traffic Calming Projects

Interactive map online: [a2gov.org/TrafficCalming](https://a2gov.org/TrafficCalming)



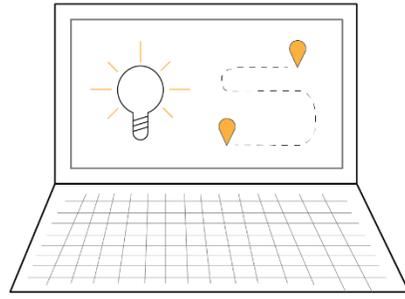
**Layer List** [X]

Layers [Search] [Layers Icon]

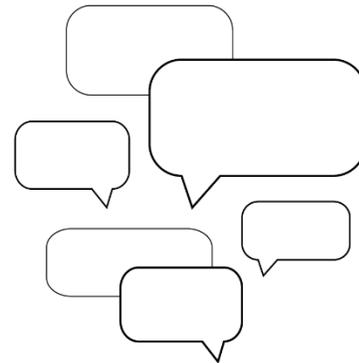
- Traffic Calming Efforts [More Icon]
- Constructed
- In Progress
- Not Qualified

# Feedback Exercise

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Present Starter Idea



Discussion and feedback about  
each device type and location

# City of Ann Arbor Traffic Calming Program - May 2, 2023

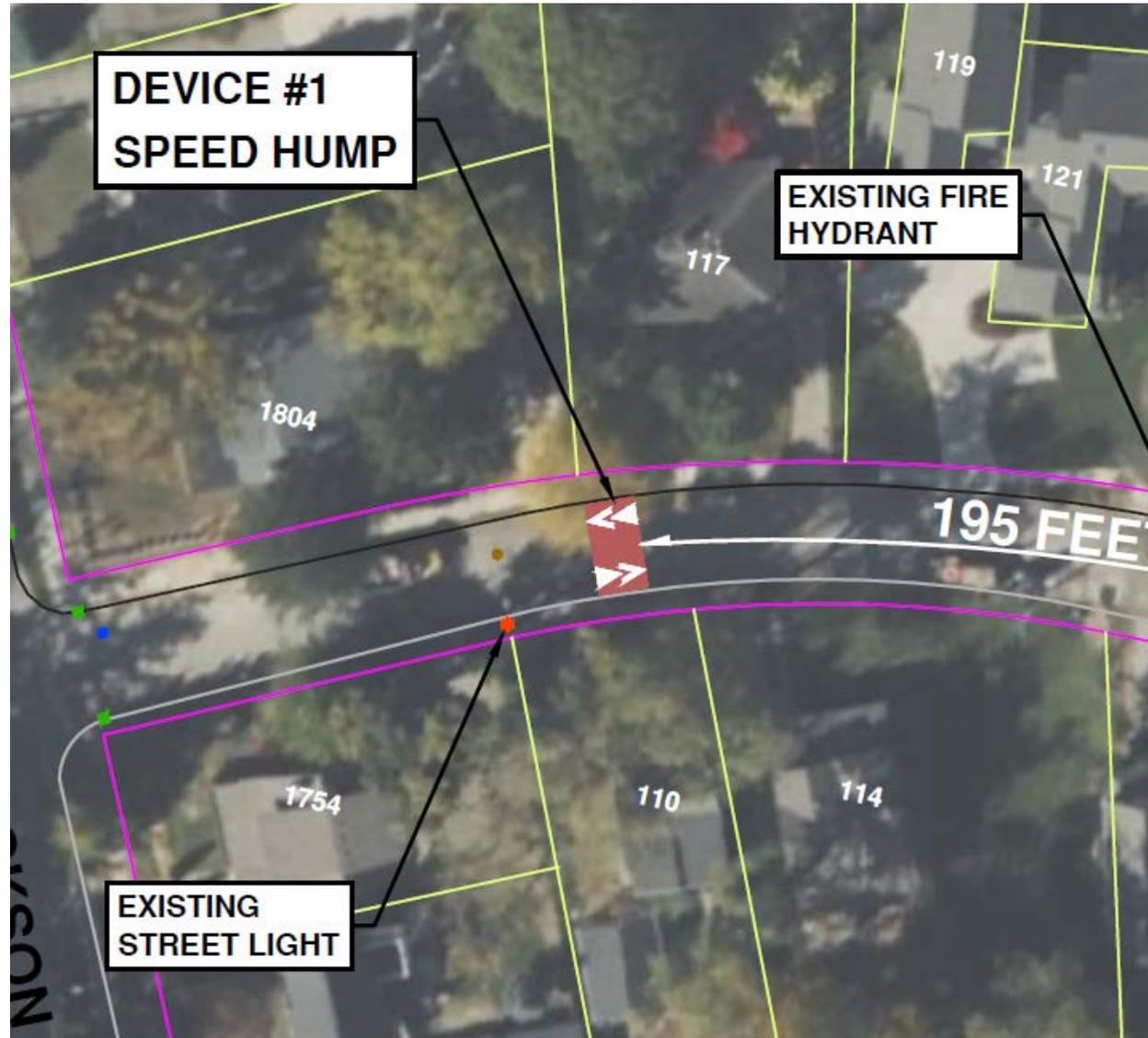
## Starter Idea - Grandview Dr (Jackson Rd to Dexter Rd)



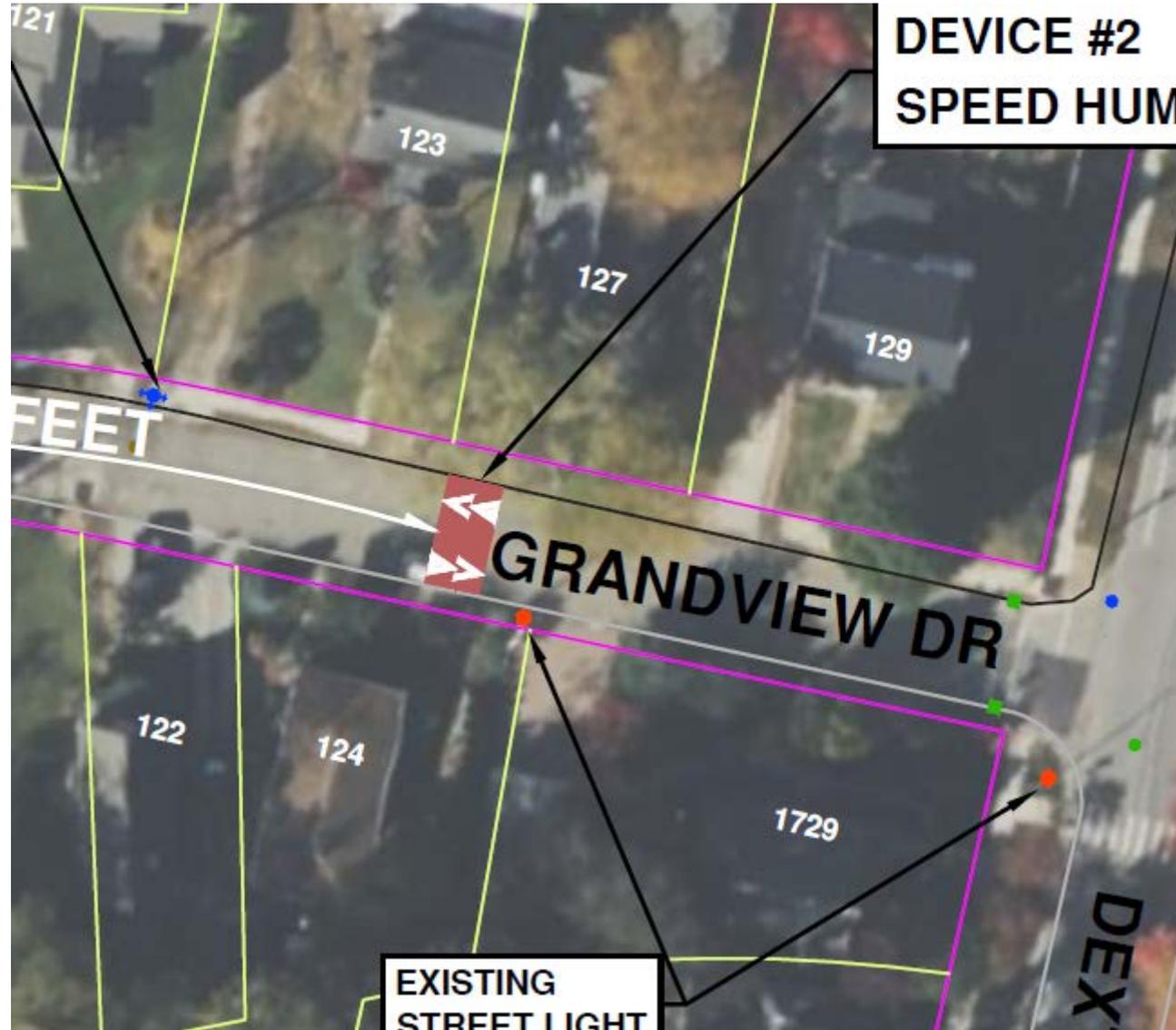
**LEGEND**

- FIRE HYDRANT
- WATER MAIN GATE VALVE
- STORM SEWER CATCH BASIN
- STORM SEWER MANHOLE
- SANITARY SEWER MANHOLE
- STREET LIGHT
- PROPERTY LINE
- RIGHT-OF-WAY LINE

# Device #1: Speed Hump



# Device #2: Speed Hump



# Polling

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# City of Ann Arbor Traffic Calming Program - May 2, 2023

## Starter Idea - Grandview Dr (Jackson Rd to Dexter Rd)



DEVICE #1  
SPEED HUMP

EXISTING FIRE  
HYDRANT

DEVICE #2  
SPEED HUMP

EXISTING  
STREET LIGHT

EXISTING  
STREET LIGHT

EXISTING  
STREET LIGHT

### LEGEND

- FIRE HYDRANT
- WATER MAIN GATE VALVE
- STORM SEWER CATCH BASIN
- STORM SEWER MANHOLE
- SANITARY SEWER MANHOLE
- STREET LIGHT
- PROPERTY LINE
- RIGHT-OF-WAY LINE

195 FEET

GRANDVIEW DR

JACKSON AVE

DEXTER AVE

115

119

121

123

127

129

104

175

110

114

122

124

1729

# City of Ann Arbor Traffic Calming Program - May 2, 2023

## Starter Idea - Grandview Dr (Jackson Rd to Dexter Rd)



DEVICE #1  
SPEED HUMP

EXISTING FIRE  
HYDRANT

DEVICE #2  
SPEED HUMP

EXISTING  
STREET LIGHT

EXISTING  
STREET LIGHT

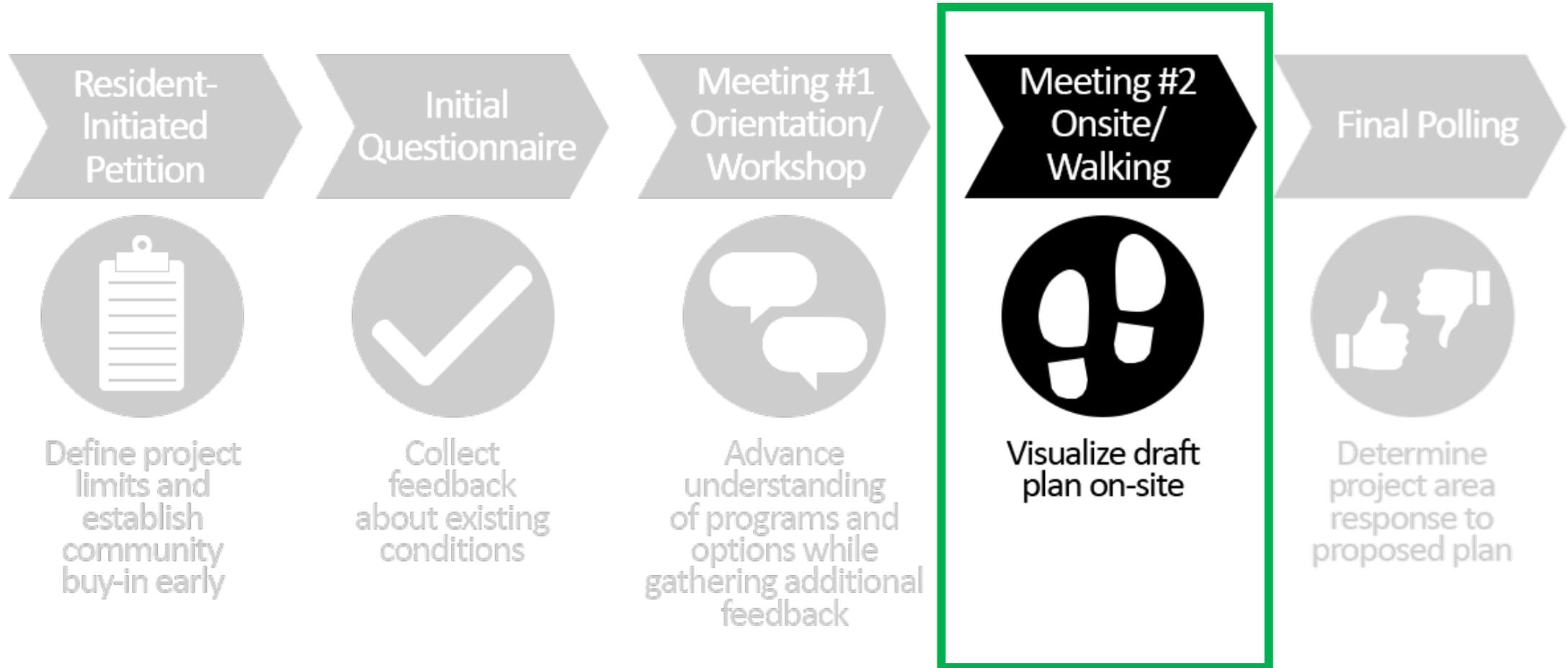
EXISTING  
STREET LIGHT

**LEGEND**

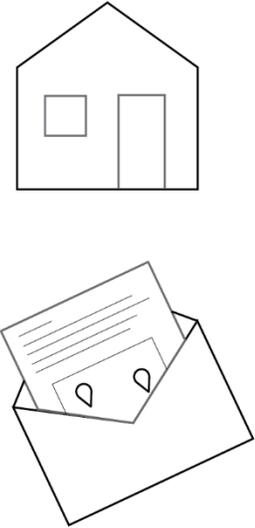
- FIRE HYDRANT
- WATER MAIN GATE VALVE
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- SANITARY SEWER MANHOLE
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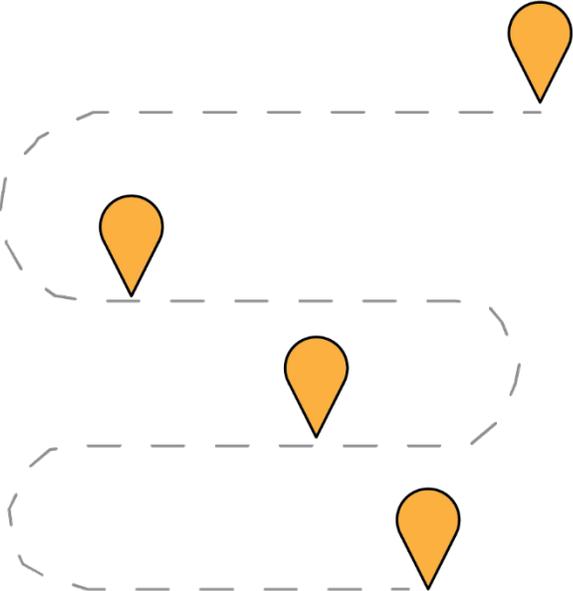
# Step 4: Self-Guided Tour/Meeting #2



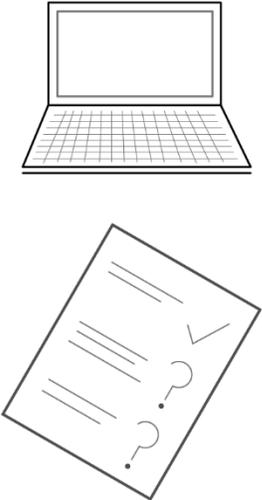
# Self-Guided Tour



Review mailing packet

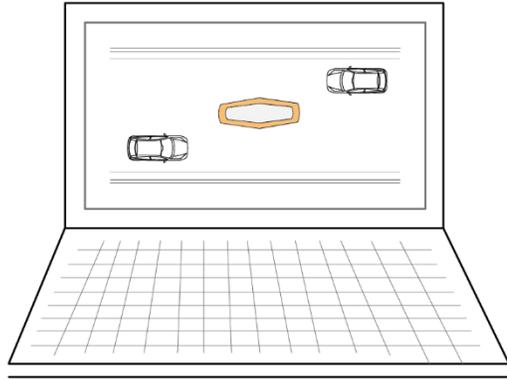


Visit locations

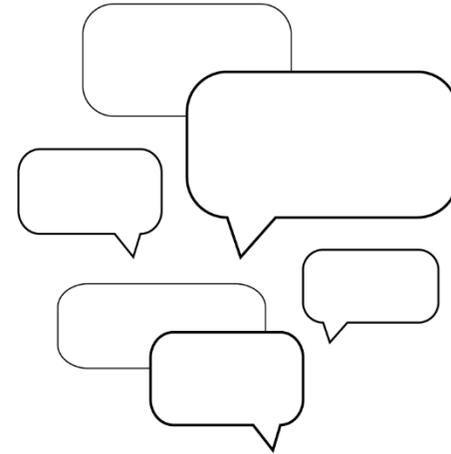


Bring questions to electronic meeting

# Meeting #2



Present preliminary  
draft plan



Discussion and feedback about each  
device type and location

# Step 5: Final Polling



# Final Polling

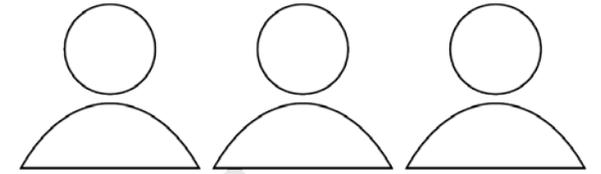


homeowners, renters +  
landlords polled

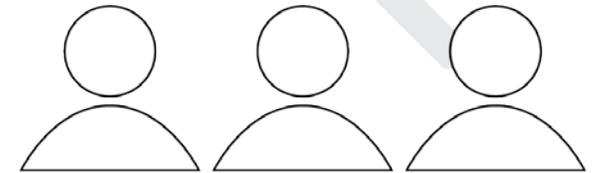


> 50%

minimum response  
support required



Transportation Commission  
recommendation



City Council final  
approval

# Next Steps

## Date

July 6	Meeting #2 from 6:00 pm – 7:30 pm
August 22	Final Polling Card will be mailed to project area addresses
September 11	Deadline to electronically complete or postmark final polls
September	Transportation Commission meeting requesting support
October	City Council meeting for final approval

# Thank you!



**Phone: 313-831-7606**



**Email: [kthullen@wadetrim.com](mailto:kthullen@wadetrim.com)**



**Project Website: [a2gov.org/TCGrandview](http://a2gov.org/TCGrandview)**