

WELCOME!

The Arella Boulevard 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/TCArellaSP

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



Chris Cespedes (he/him)
City of Ann Arbor
Management Assistant



Luke Liu, PE (he/him)
City of Ann Arbor
Transportation Engineer
PE: Professional Engineer



Meeting Agenda

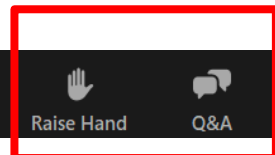
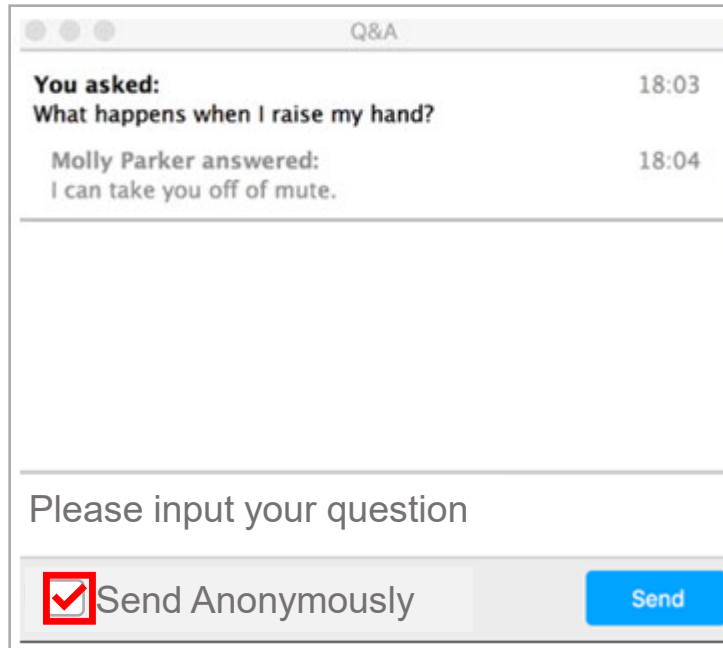
- I. Zoom Technology Overview
- II. Meeting Norms
- III. Traffic Calming Process
 - Resident-Initiated Petition
 - Initial Questionnaire
 - Meeting #1
 - Device Toolbox
 - Starter Idea
 - Feedback Exercise
 - Meeting #2
 - Final Polling
- IV. Next Steps

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.

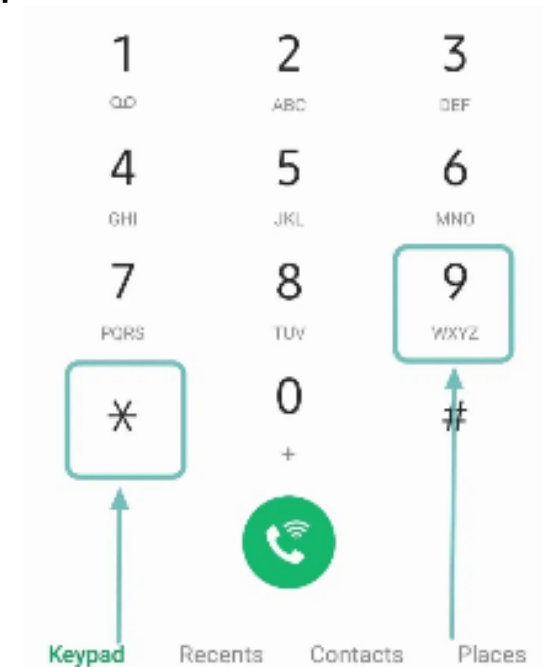
Computer

- 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

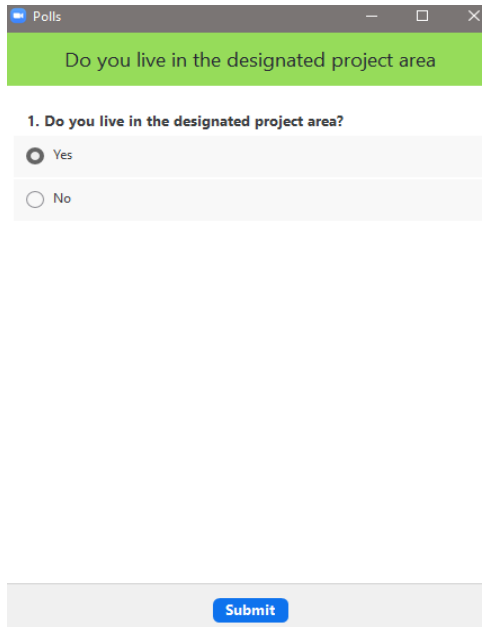


Technology Overview – Polling

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

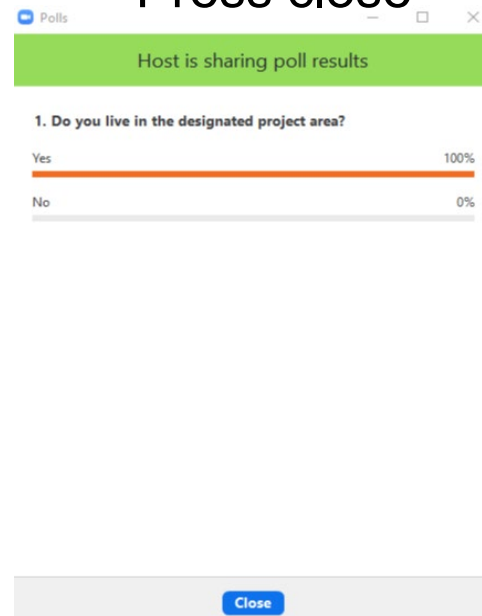
Computer

- 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 progress bars: "Yes" with a 100% bar and "No" with a 0% bar. 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

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

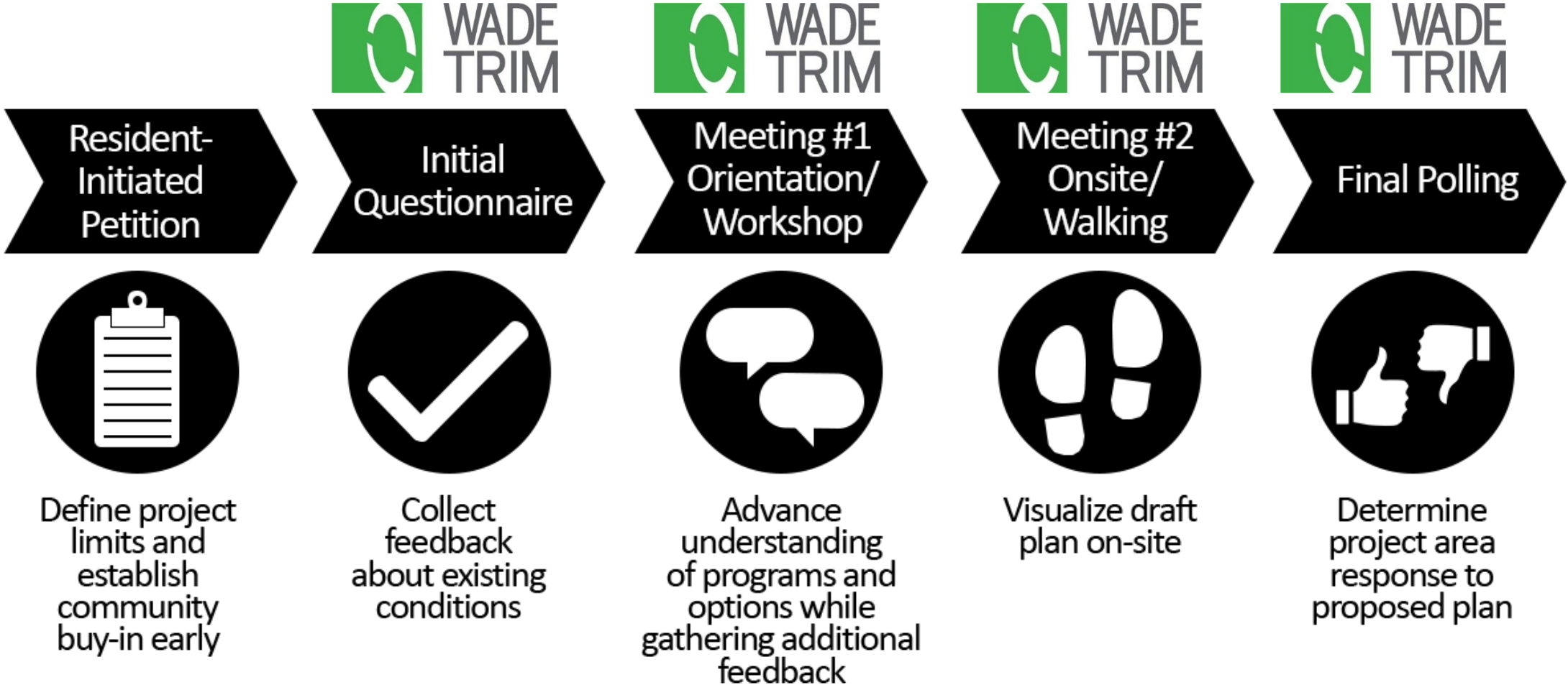
Process

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



Define project limits and establish community buy-in early



WADE TRIM

Initial Questionnaire



Collect feedback about existing conditions



WADE TRIM

Meeting #1 Orientation/ Workshop



Advance understanding of programs and options while gathering additional feedback



WADE TRIM

Meeting #2 Onsite/ Walking



Visualize draft plan on-site



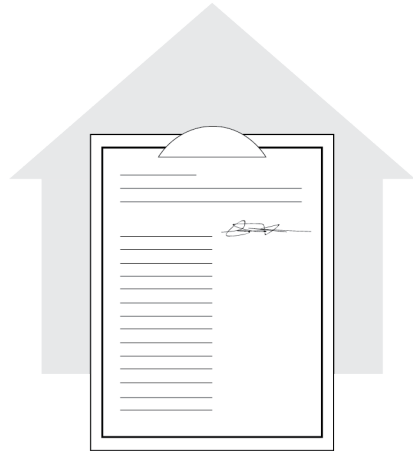
WADE TRIM

Final Polling



Determine project area response to proposed plan

Resident-Initiated Petition Results



resident-initiated
petition



50%



minimum addresses
properly represented
within area of interest



51%

representation
achieved

Qualifying
Petition
Support

85th
Percentile
Speed

Percent
Violators

10

minimum points
required

Average
Daily
Traffic

Major
Pedestrian
Generators

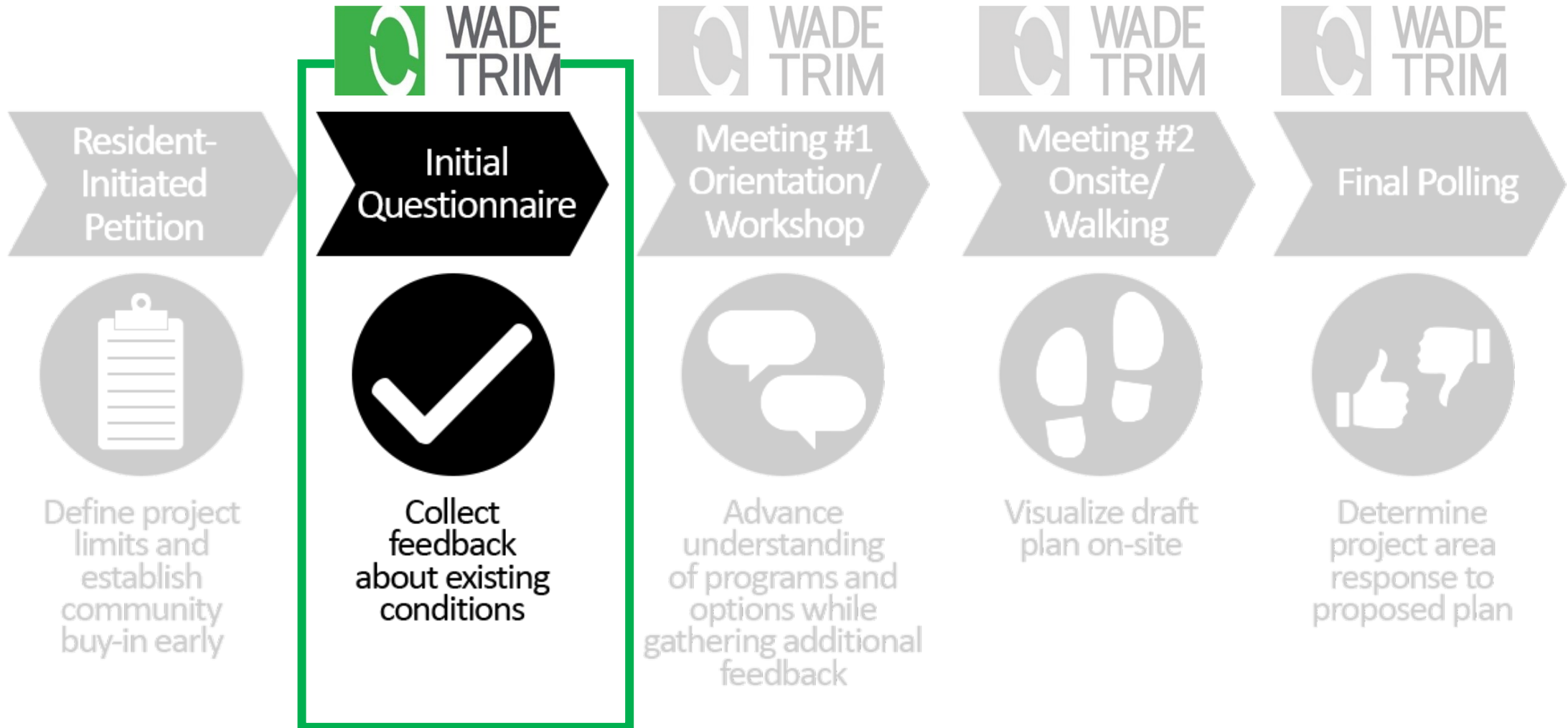
School
Travel

Speed-
Related
Crashes

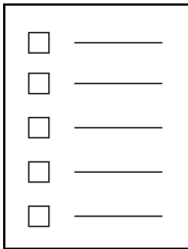
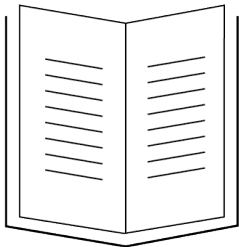
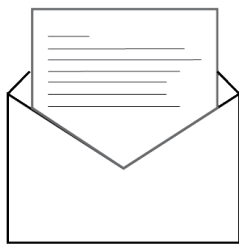


26_{pts}
earned

Step 2: Initial Questionnaire



Initial Questionnaire Results

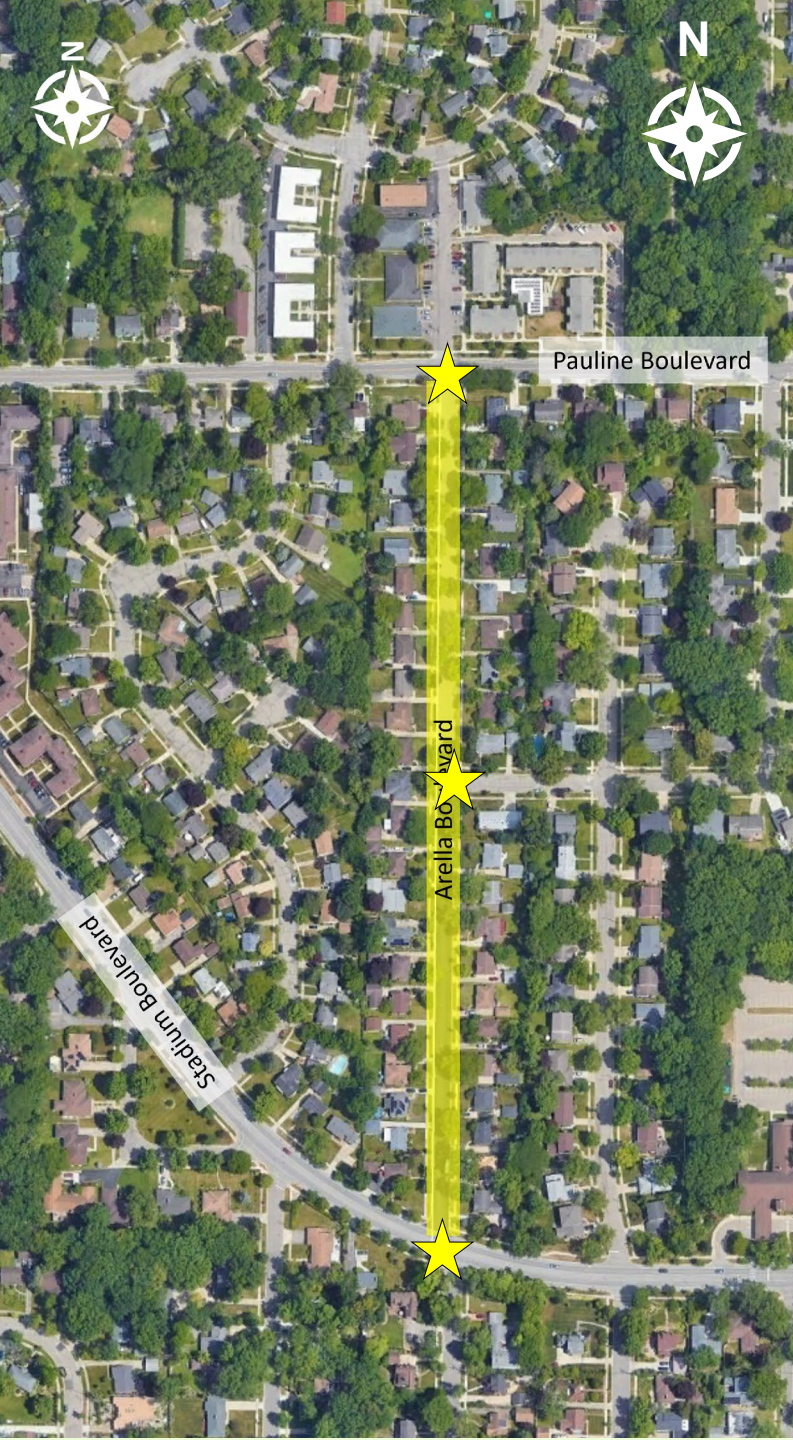


50%

Initial Questionnaire Package

minimum response support required

86%
response support received



Initial Questionnaire Summary

Detailed summary at a2gov.org/TCArellaSP

- Speeding
- Fail to stop at Arella/Martha
- Pedestrian safety (nearby schools)
- Cut-through traffic
- Sight distance
- Turning traffic from Pauline
- Important Pedestrian Crossings ★

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

Step 3: Meeting #1 Orientation/Workshop



Polling

Orientation: Device Toolbox

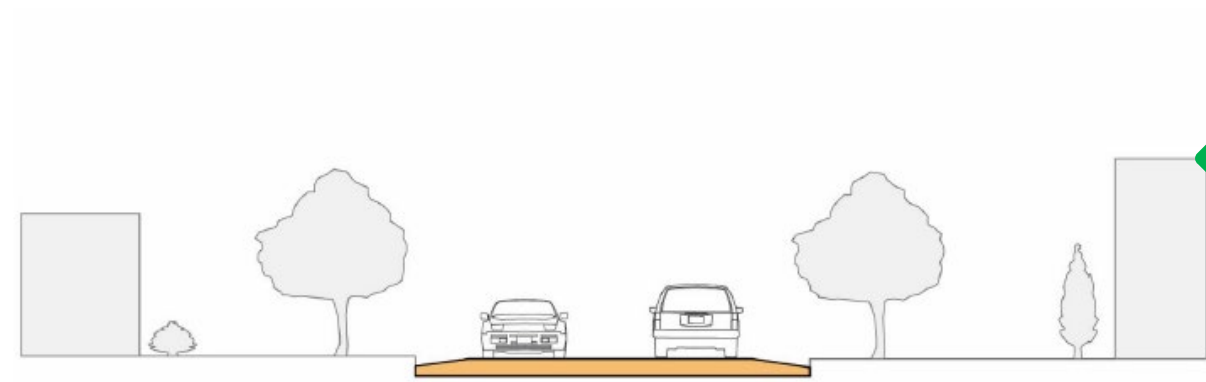
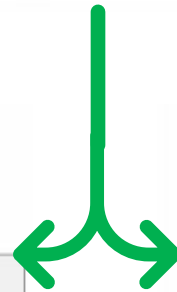
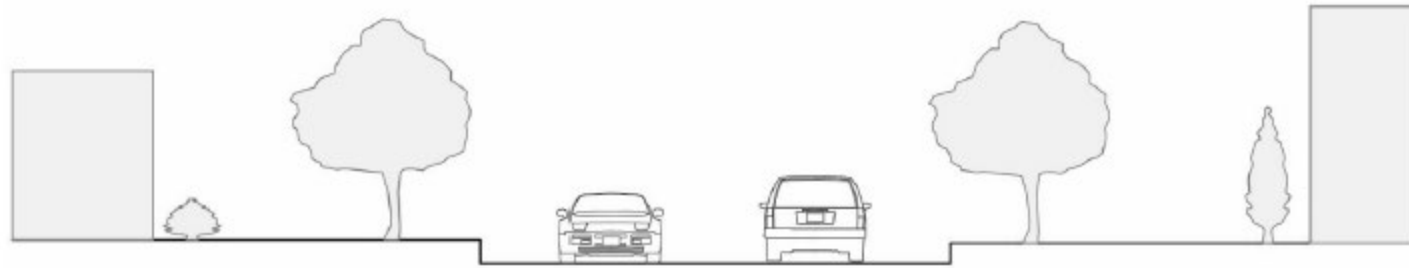
NOT Included

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

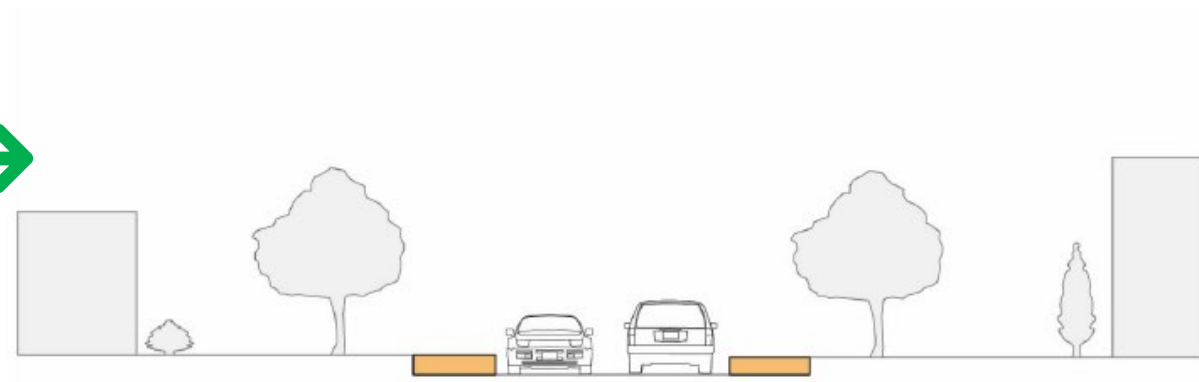
Additional information and resources can be found in the guidebook or on the a2gov website



Orientation: Device Toolbox

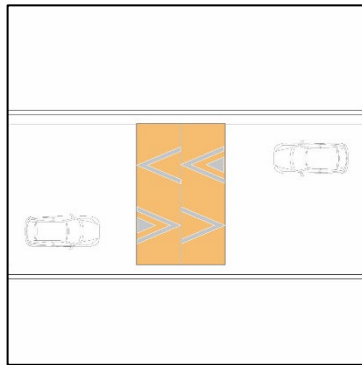


things you drive over

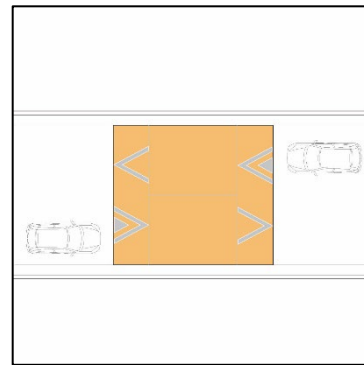


things you drive around

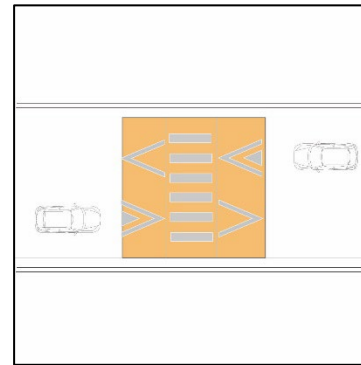
Orientation: Device Toolbox



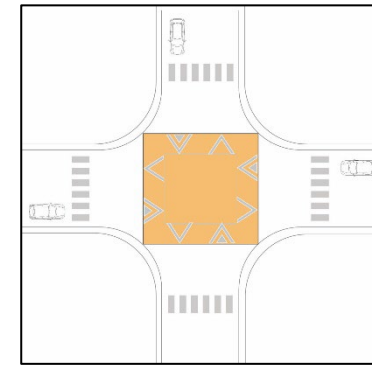
Speed Hump



Speed Table

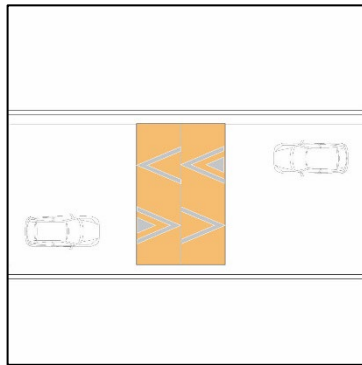


Raised Crosswalk

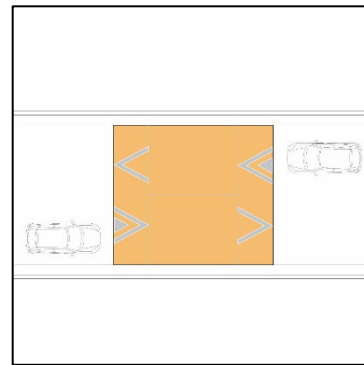


Raised Intersection

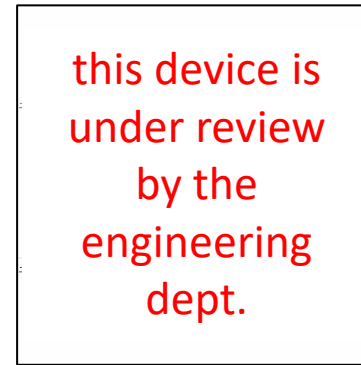
Orientation: Device Toolbox



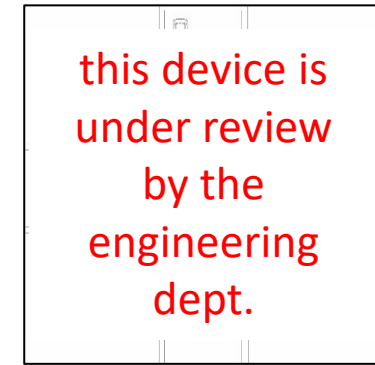
Speed Hump



Speed Table

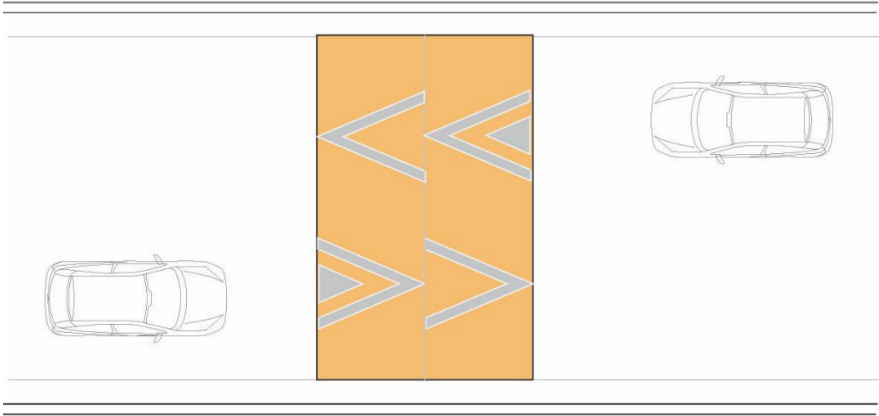


Raised Crosswalk



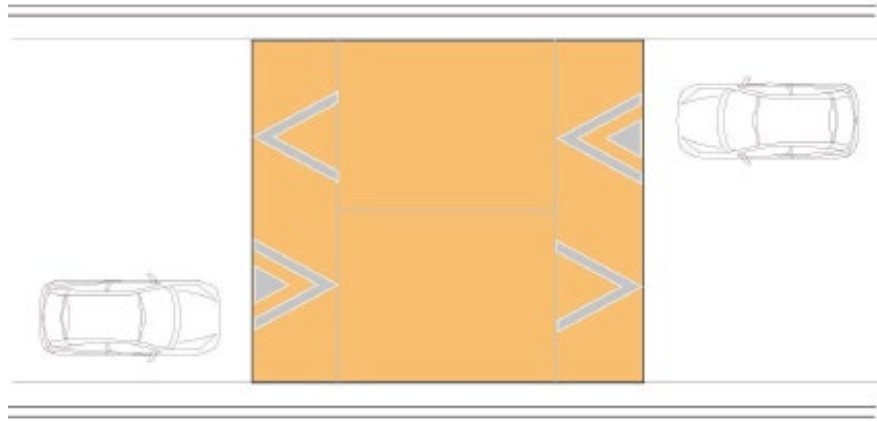
Raised Intersection

Things You Drive Over: Speed Humps



Example: Wells Street

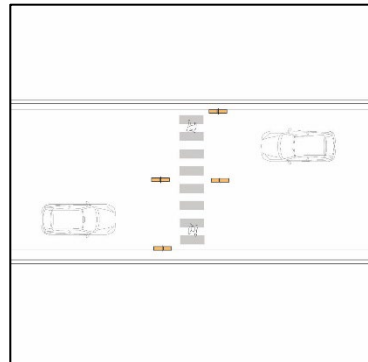
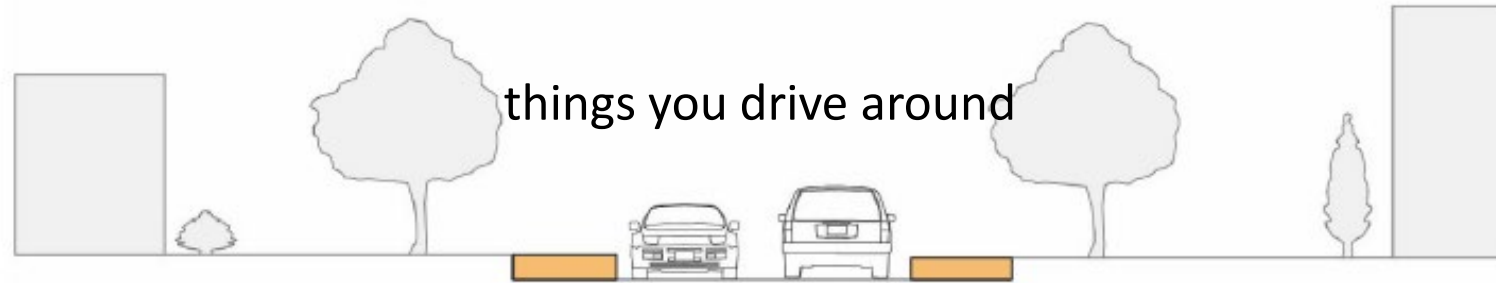
Things You Drive Over: Speed Tables



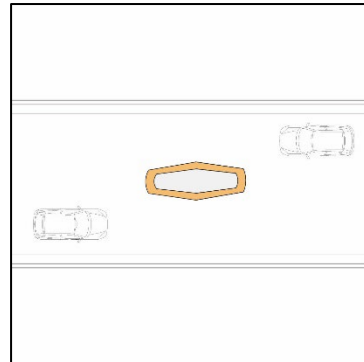
Example: Glenwood Road

Questions?

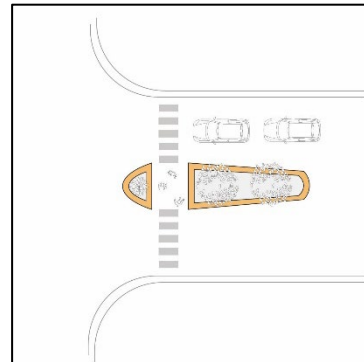
Orientation: Device Toolbox



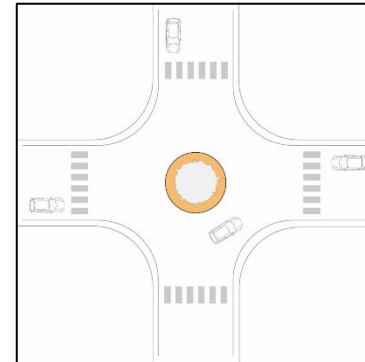
Pedestrian Gateway



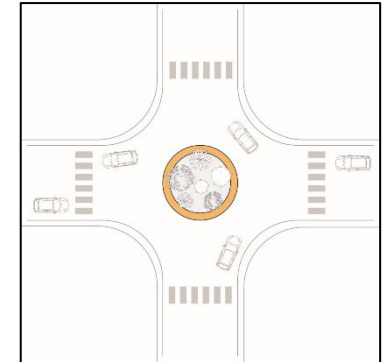
Median Island



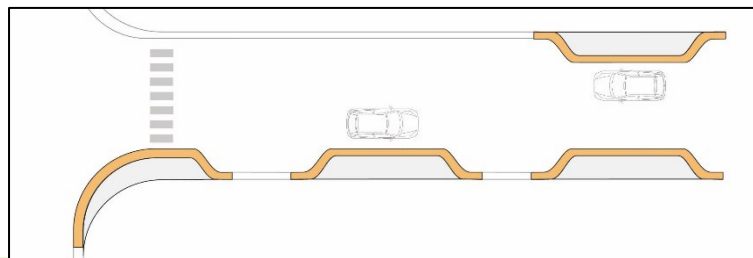
Pedestrian Island



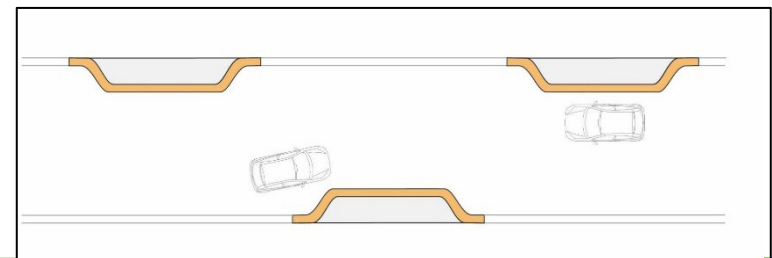
Residential
Traffic Circle



Mini Roundabout

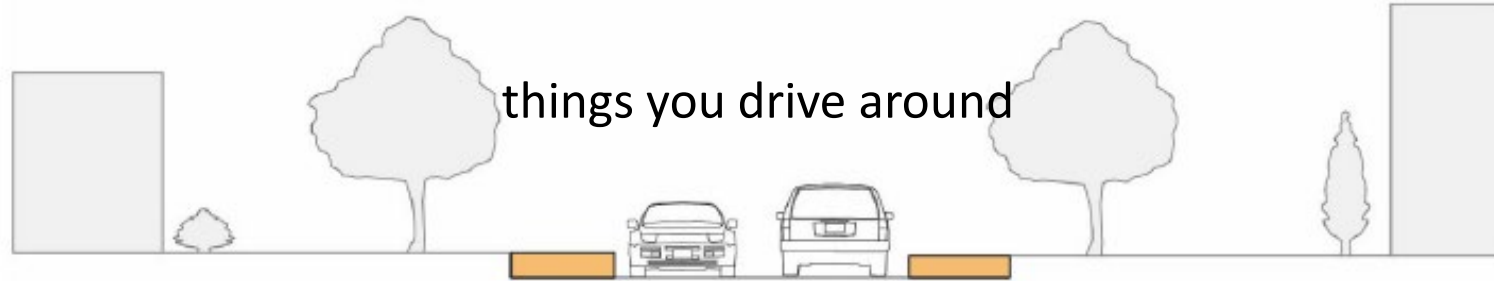


Curb Extensions



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!

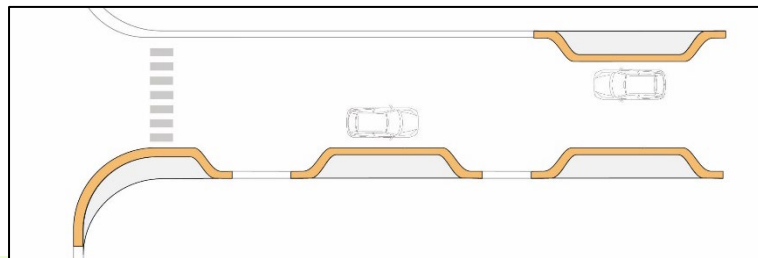
Pedestrian Island

street not wide enough for emergency vehicle clearance!

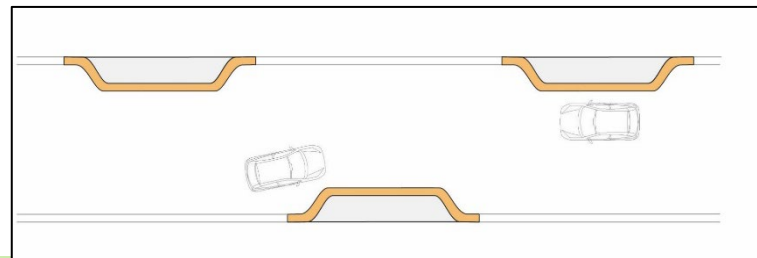
Residential Traffic Circle

street not wide enough for emergency vehicle clearance!

Mini Roundabout

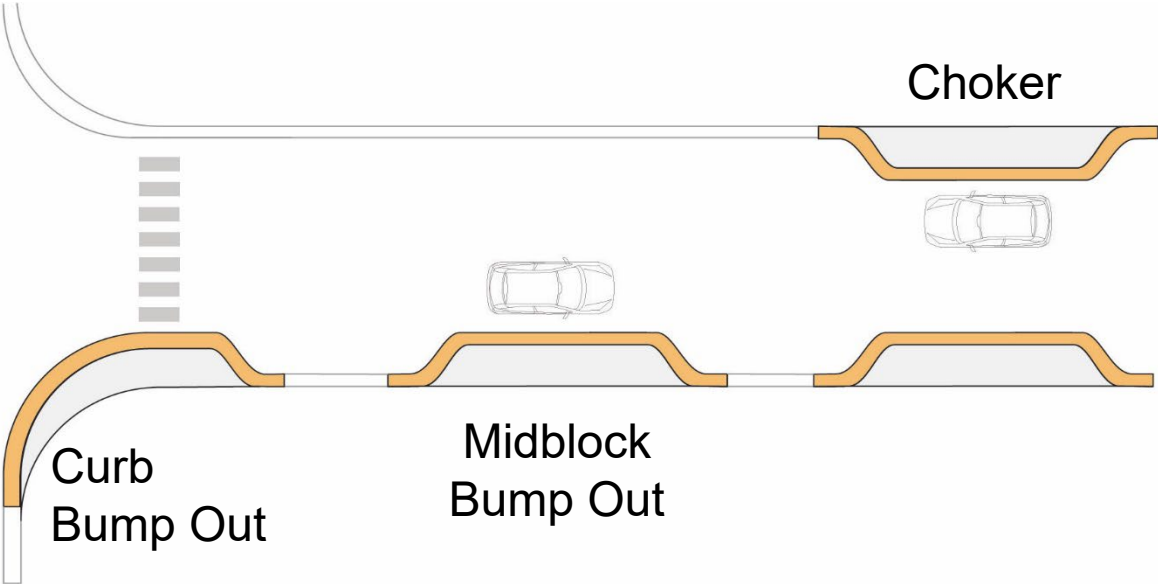


Curb Extensions



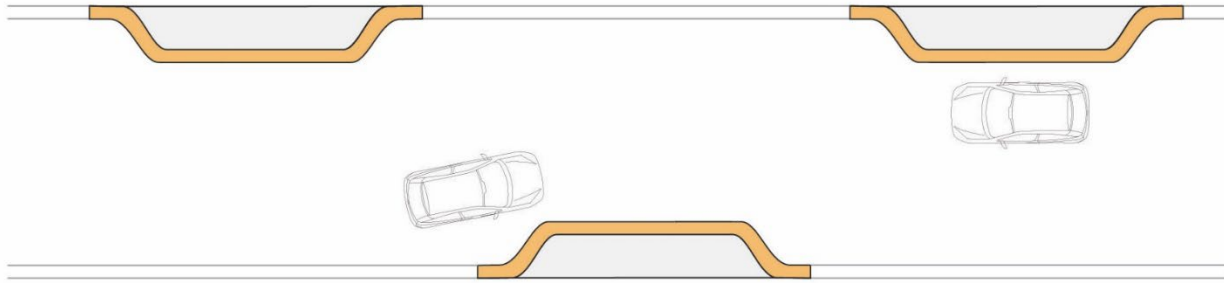
Chicanes

Things You Drive Around: Curb Extensions



Example: Granger Avenue Bump Out

Things You Drive Around: Chicanes



Example: Virginia Department of Transportation

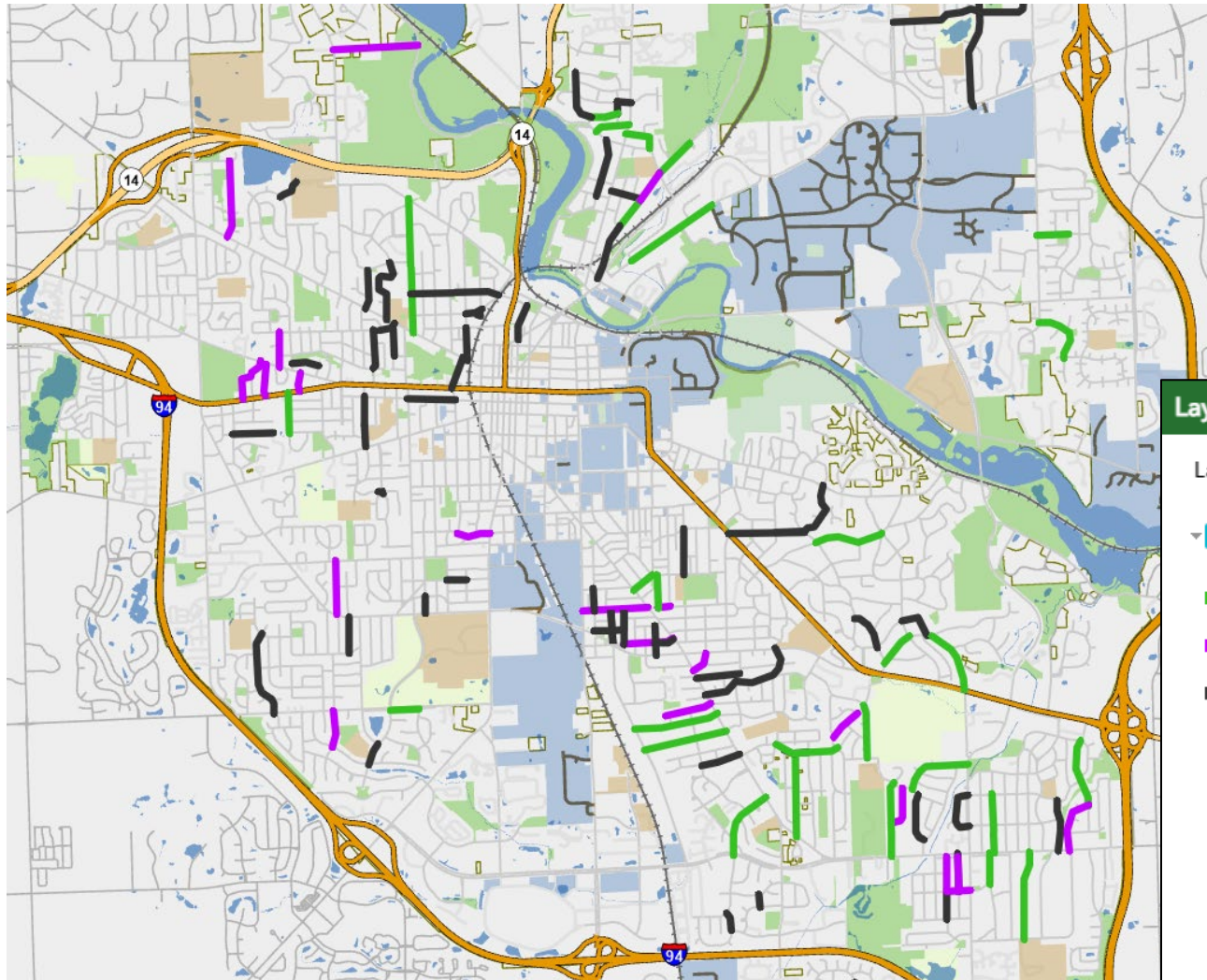
Other Devices: Neighborhood Gateway Treatment



Questions?

Ann Arbor Traffic Calming Projects

Interactive map online: a2gov.org/TrafficCalming

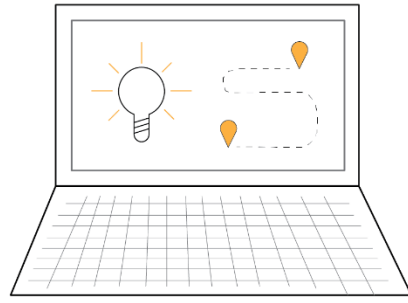


Layer List [X]

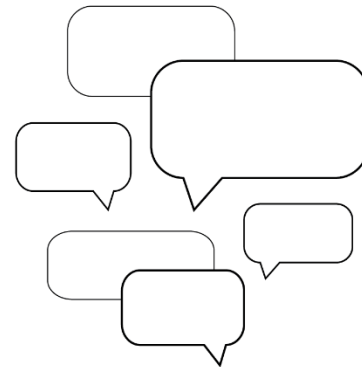
Layers [Search] [Layers]

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

Feedback Exercise



Present Starter Idea



Discussion and feedback about
each device type and location

City of Ann Arbor Traffic Calming Program - September 20, 2023

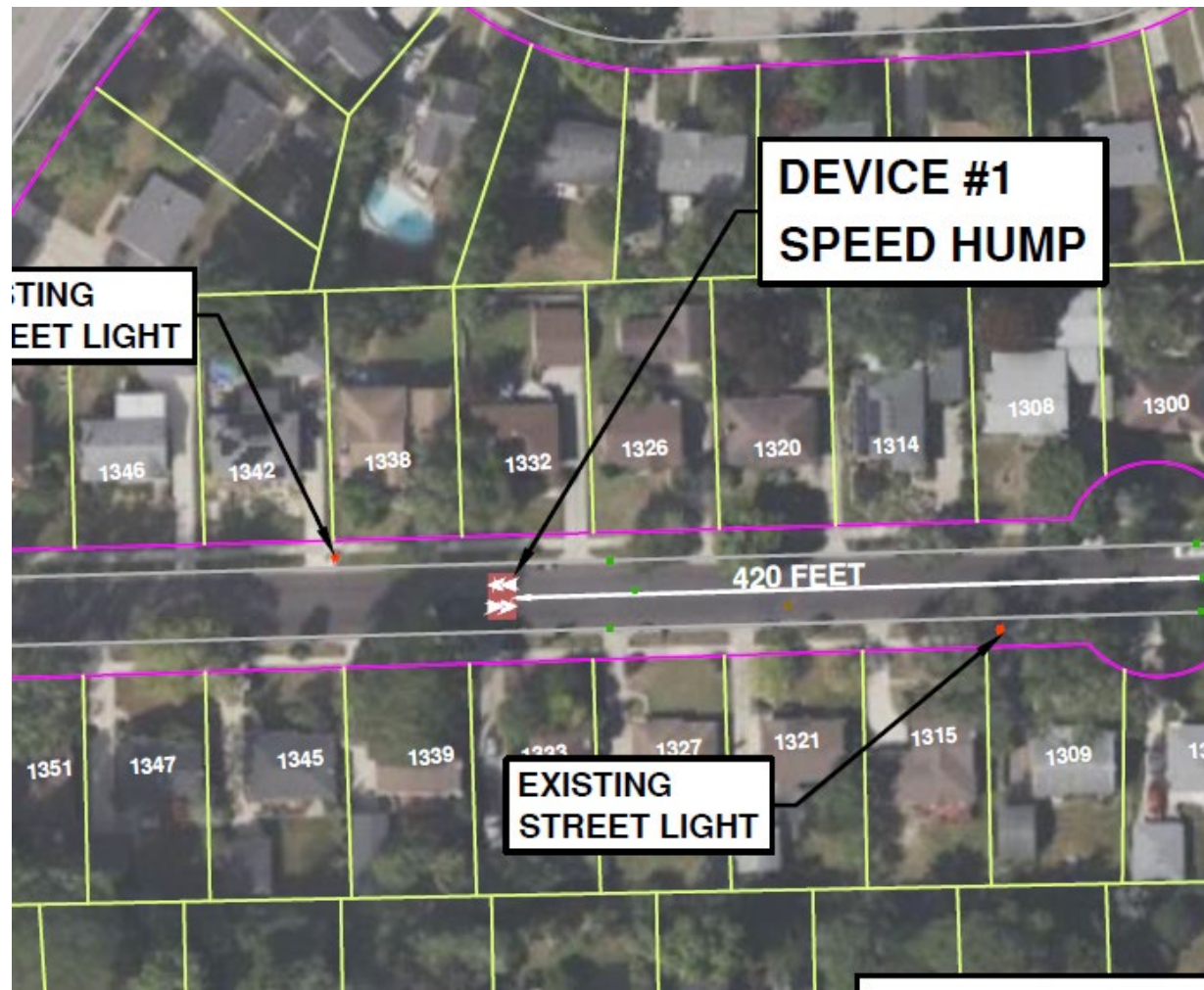
Starter Idea - Arella Boulevard (Pauline Boulevard to Stadium Boulevard)



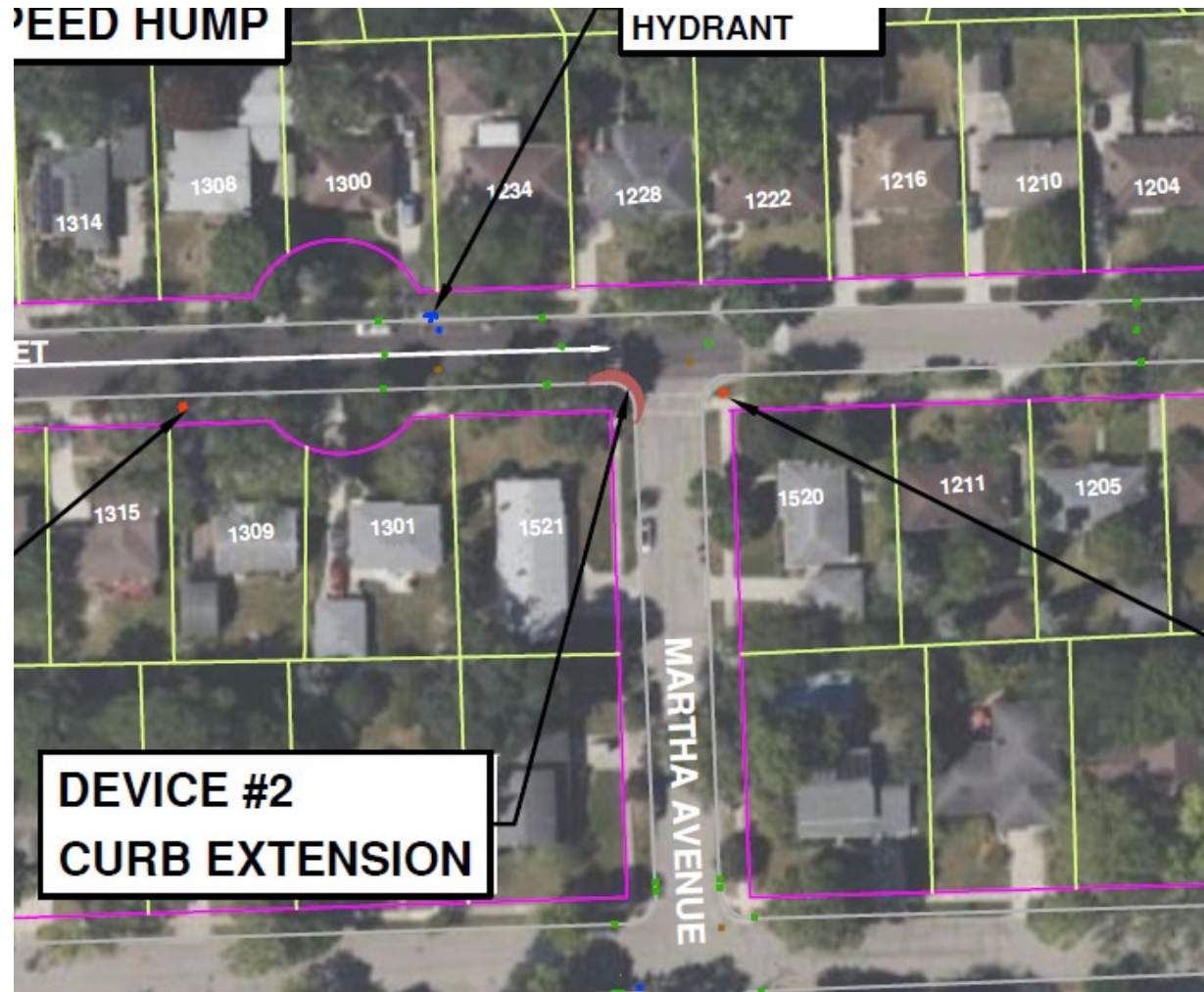
LEGEND

- 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: Curb Extension Bumpout



Polling

City of Ann Arbor Traffic Calming Program - September 20, 2023

Starter Idea - Arella Boulevard (Pauline Boulevard to Stadium Boulevard)



LEGEND

- FIRE HYDRANT
- WATER MAIN GATE VALVE
- STORM SEWER CATCH BASIN
- STORM SEWER MANHOLE
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- STREET LIGHT
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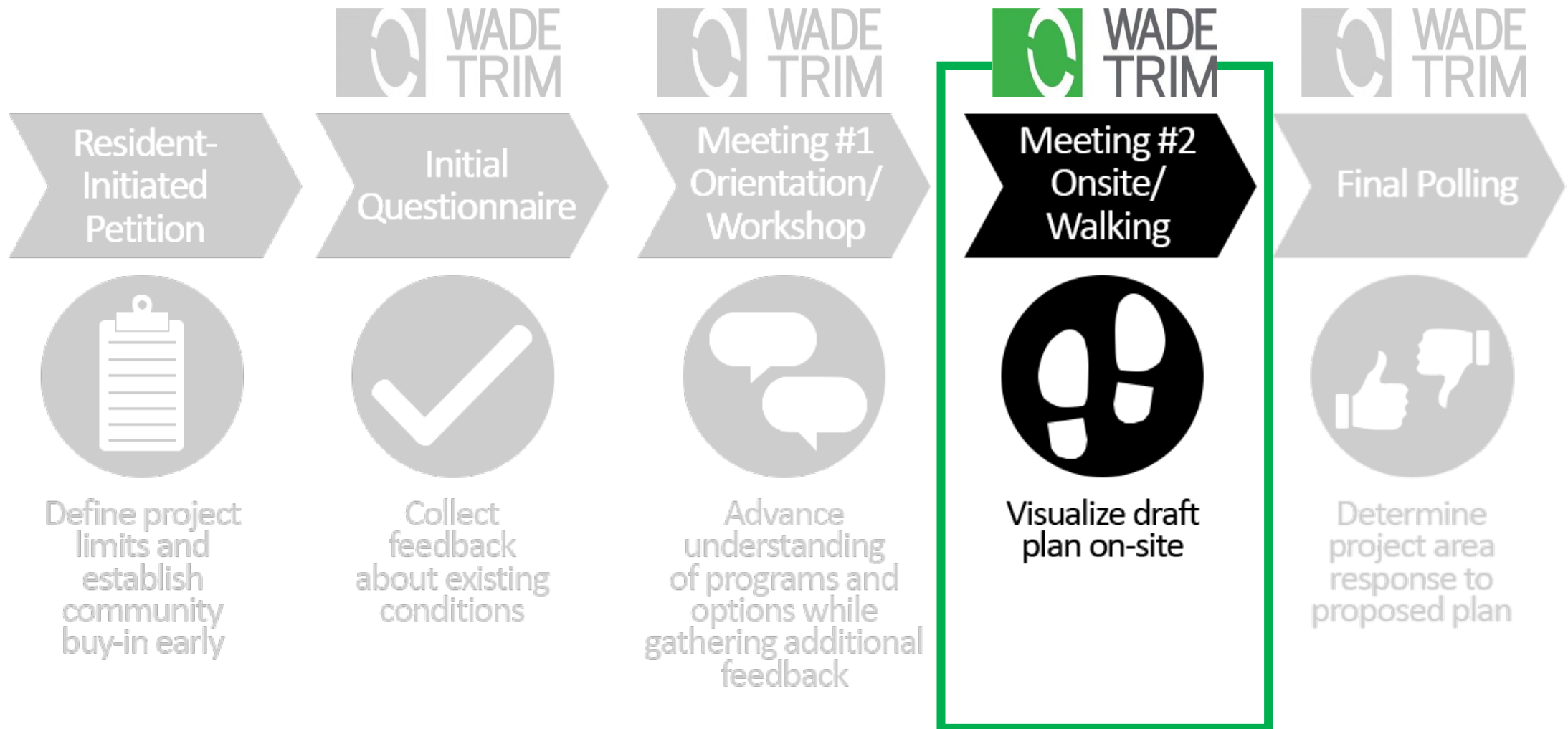
City of Ann Arbor Traffic Calming Program - September 20, 2023

Starter Idea - Arella Boulevard (Pauline Boulevard to Stadium Boulevard)

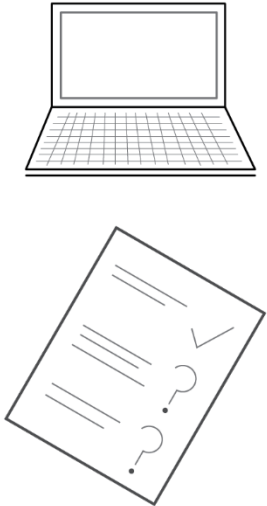
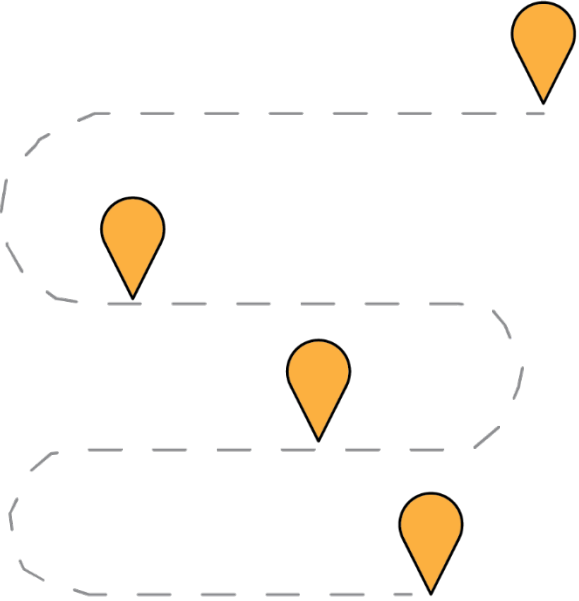
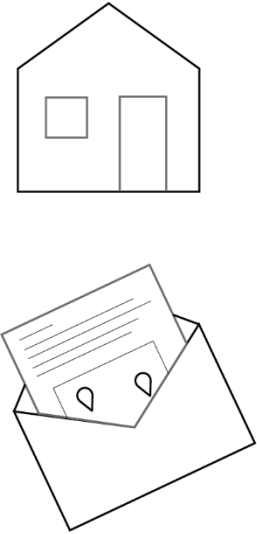


LEGEND	
	FIRE HYDRANT
	WATER MAIN GATE VALVE
	STORM SEWER CATCH BASIN
	STORM SEWER MANHOLE
	SANITARY SEWER MANHOLE
	STREET LIGHT
	PROPERTY LINE
	RIGHT-OF-WAY LINE

Step 4: Self-Guided Tour/Meeting #2



Self-Guided Tour

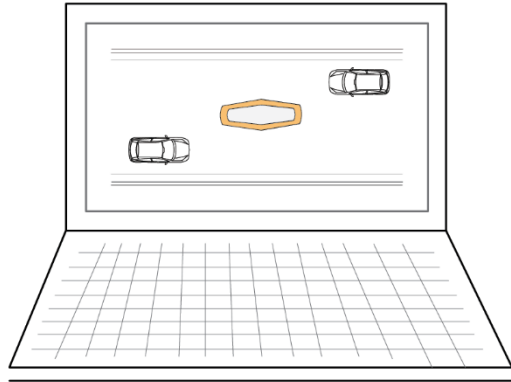


Review mailing packet

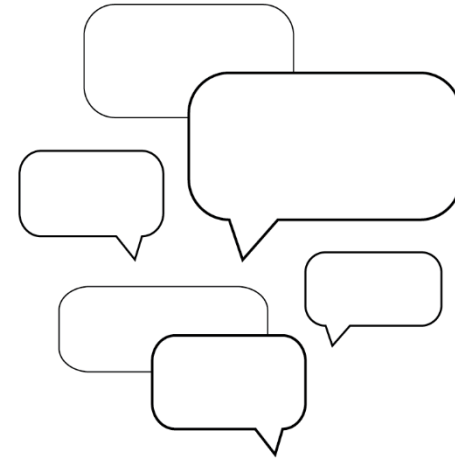
Visit locations

Bring questions to electronic meeting

Meeting #2

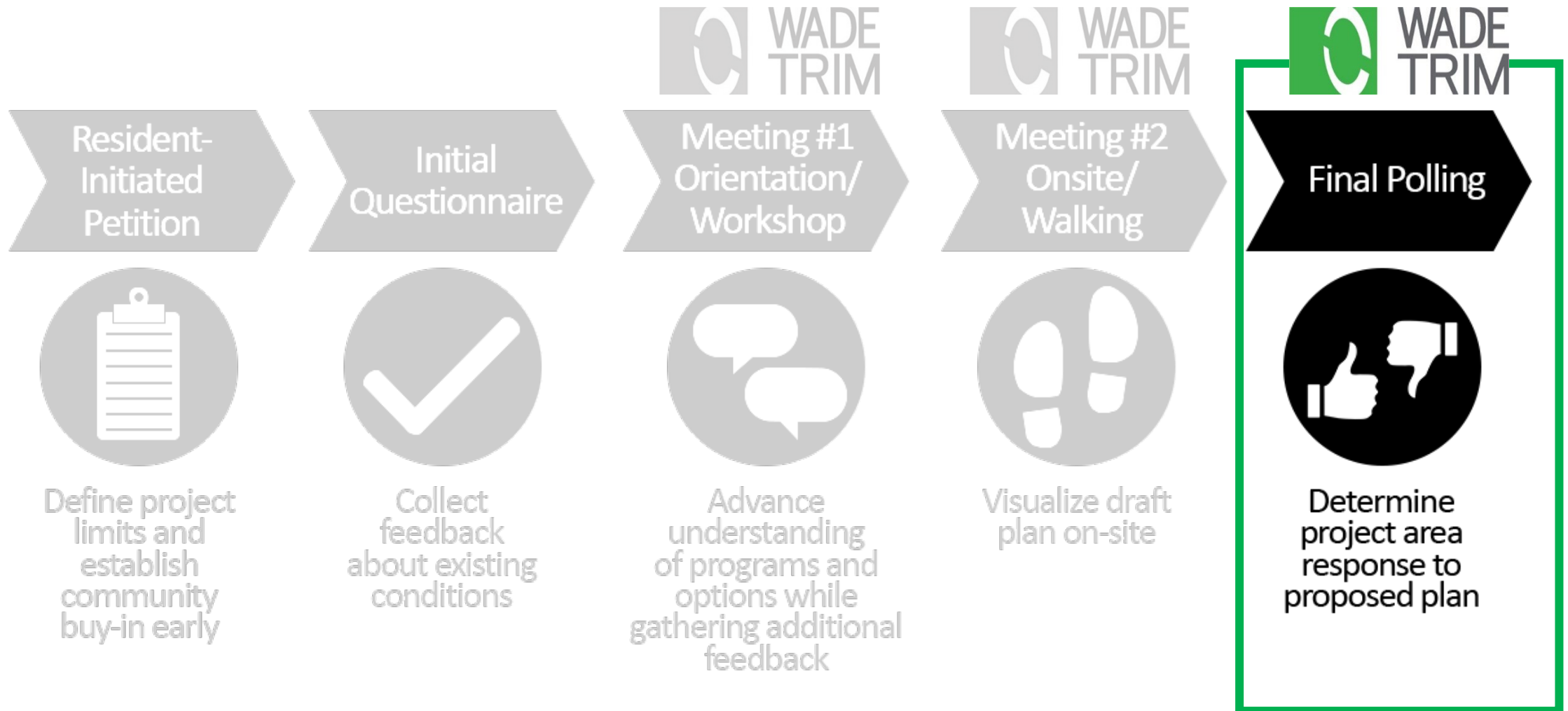


Present preliminary
draft plan



Discussion and feedback about each
device type and location

Step 5: Final Polling



Final Polling

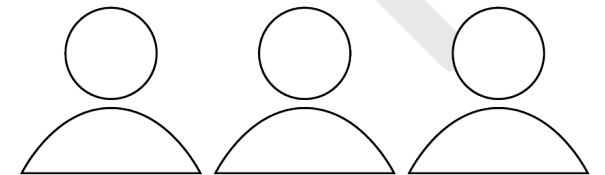


homeowners, renters +
landlords polled



> 50%

minimum response
support required



City Council final
approval

Next Steps

Date

November 29	Meeting #2 from 6:00 pm – 7:30 pm
December 28	Final Polling Card will be mailed to project area addresses
January 15	Deadline to electronically complete or postmark final polls
February	Transportation Commission meeting requesting support
March	City Council meeting for final approval

Thank you!



Phone: 313-831-7606



Email: kthullen@wadetrim.com



Project Website: a2gov.org/TCArellaSP