

Welcome!

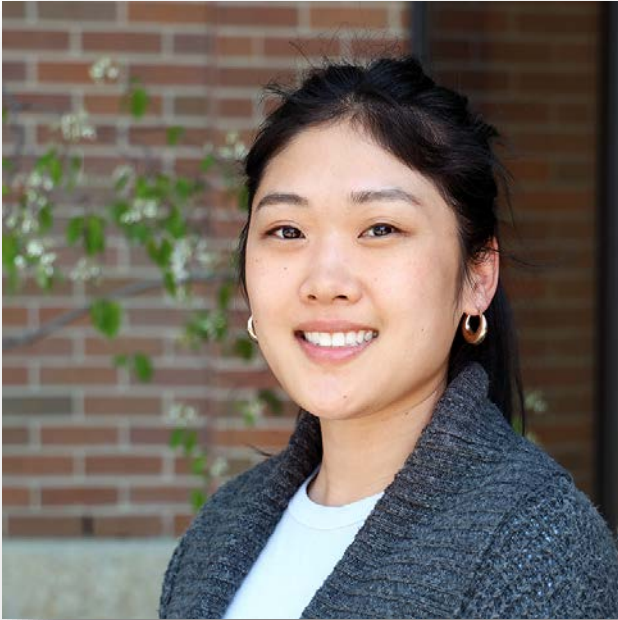


The Granger Ave
Traffic Calming
Meeting #1
will begin shortly.

Technology Overview - Things to Know

- ▶ Meeting will be recorded.
- ▶ Attendee video cameras are disabled.
- ▶ Attendee screenshare is prohibited.
- ▶ All attendees are muted (instructions to unmute will be covered).
- ▶ You can leave and rejoin the meeting at any time.
- ▶ Multiple opportunities for questions will be provided throughout the presentation.
- ▶ Presentation and additional materials are available at a2gov.org/TC-Granger-PS.

Project Team



Kristy Thullen, EIT (she/her)
Wade Trim
Consultant Engagement Coordinator
EIT: Licensed 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

Project Team

Public Engagement Support



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



Cyrus Naheedy, PE (he/him)
City of Ann Arbor
Transportation Engineer
PE: Professional Engineer

Meeting Agenda

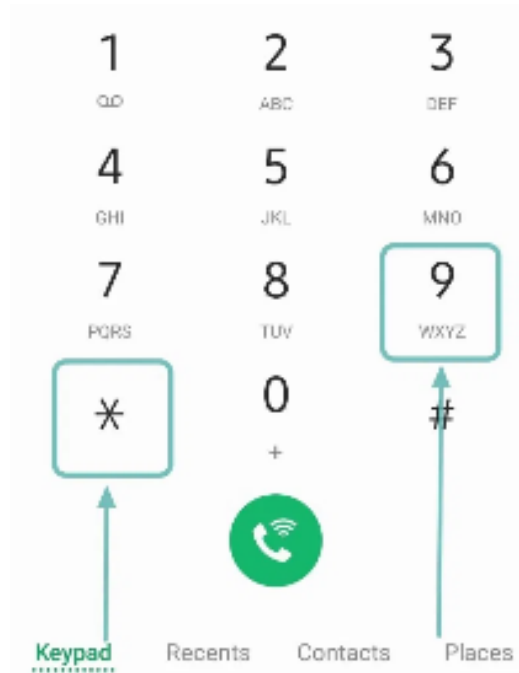
- I. Zoom Technology Overview
- II. Meeting Norms
- III. Traffic Calming Process
 - Petition
 - Initial Questionnaire
 - Meeting #1
 - Device Toolbox
 - Starter Idea
 - Feedback Exercise
 - Meeting #2
 - Final Polling
- IV. Next Steps



Technology Overview

Ask a Question/Share a Comment

Phone



- Select *9 to raise your hand
- You will be identified by the last three digits of your phone number
- Select *6 to unmute yourself

Technology Overview

Ask a Question/Share a Comment

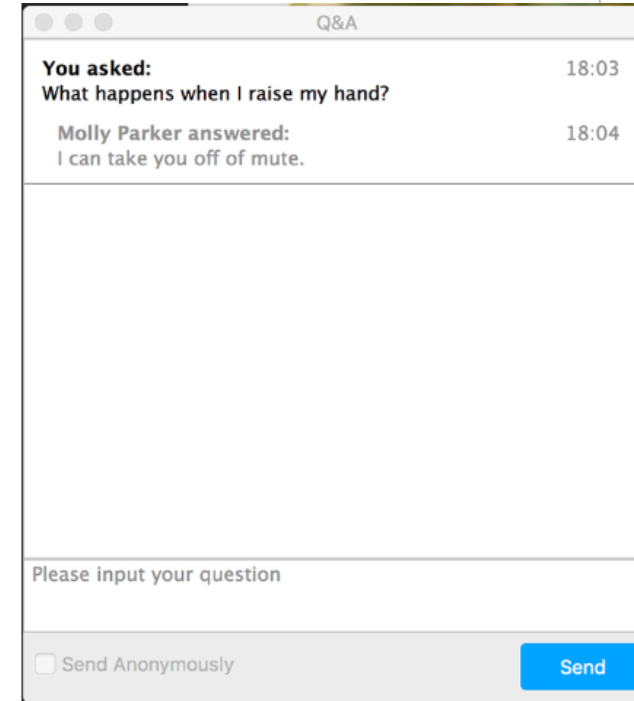
Computer

Raising Hand: select **Raise Hand**  in the Webinar Controls

- The host will be notified
- Select **Lower Hand**  to lower if needed

Q&A: select Q&A in the Webinar Controls

- Type your question and click **Send**
- Check the **Send Anonymously** box if you do not want your name attached to your question in the Q&A



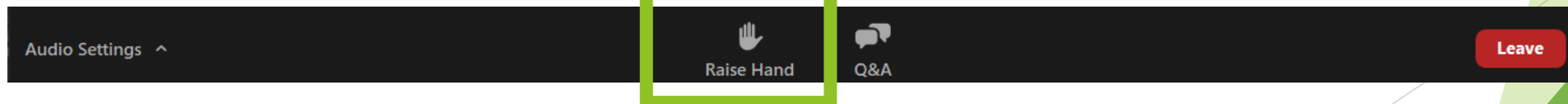
Q&A

You asked: 18:03
What happens when I raise my hand?

Molly Parker answered: 18:04
I can take you off of mute.

Please input your question

Send Anonymously Send



Technology Overview

Ask a Question/Share a Comment

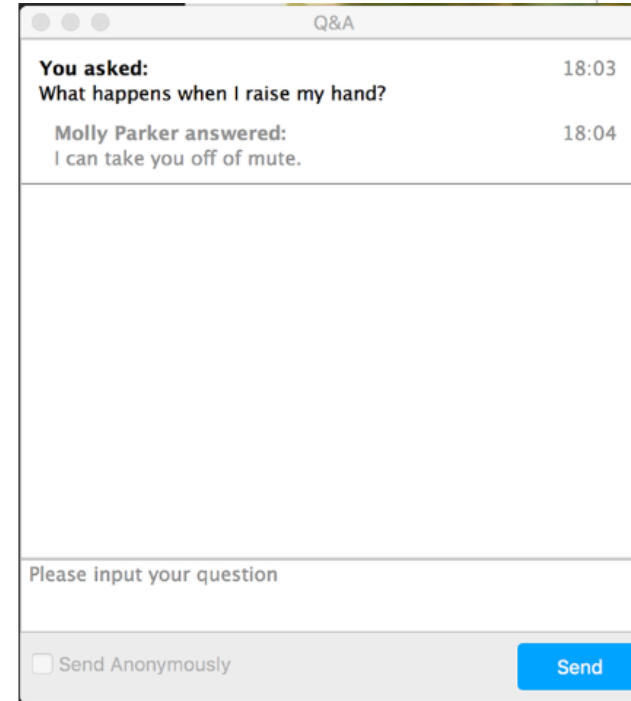
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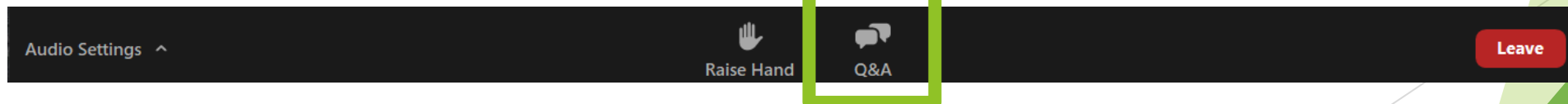
Q&A

You asked: 18:03
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Send Anonymously Send



Audio Settings ^

Raise Hand 

Q&A 

Leave Leave

Technology Overview

Ask a Question/Share a Comment

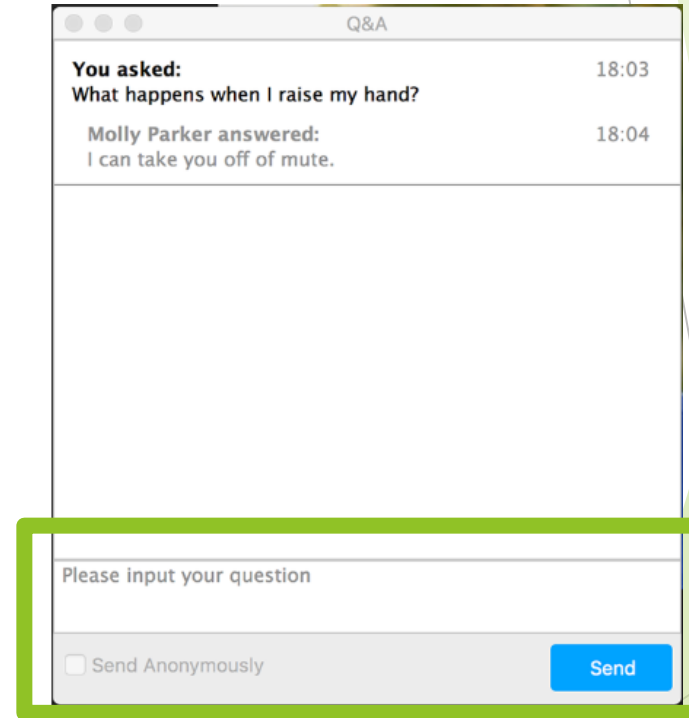
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The screenshot shows a Q&A window with the following content:

| Q&A | |
|------------------------------------|-------|
| You asked: | 18:03 |
| What happens when I raise my hand? | |
| Molly Parker answered: | 18:04 |
| I can take you off of mute. | |

Below the Q&A history is a form to ask a question:

Please input your question

Send Anonymously Send

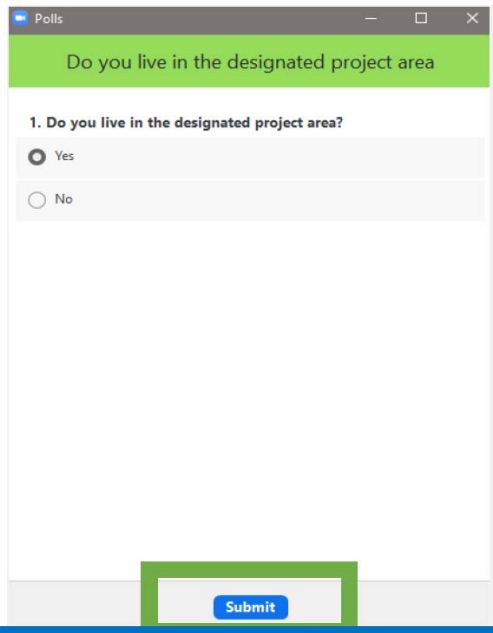
Technology Overview

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

- Select your answer
- Press Submit



The screenshot shows a web browser window titled "Polls". The main heading is "Do you live in the designated project area". Below this, the question "1. Do you live in the designated project area?" is displayed. There are two radio button options: "Yes" (which is selected) and "No". At the bottom of the form, there is a blue "Submit" button.

When the poll closes

- Results will be displayed
- Press Close to stop viewing the results



The screenshot shows the same poll interface, but now titled "Host is sharing poll results". The question "1. Do you live in the designated project area?" is shown with a progress bar. The "Yes" option is at 100% and the "No" option is at 0%. At the bottom, there is a blue "Close" button.

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

Phone

During an active poll

- 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

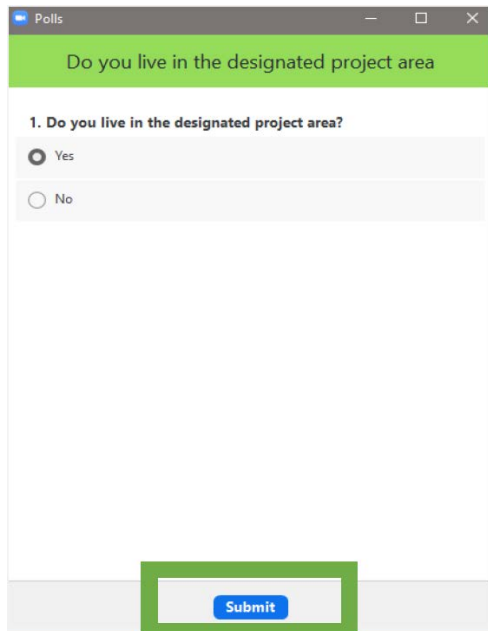
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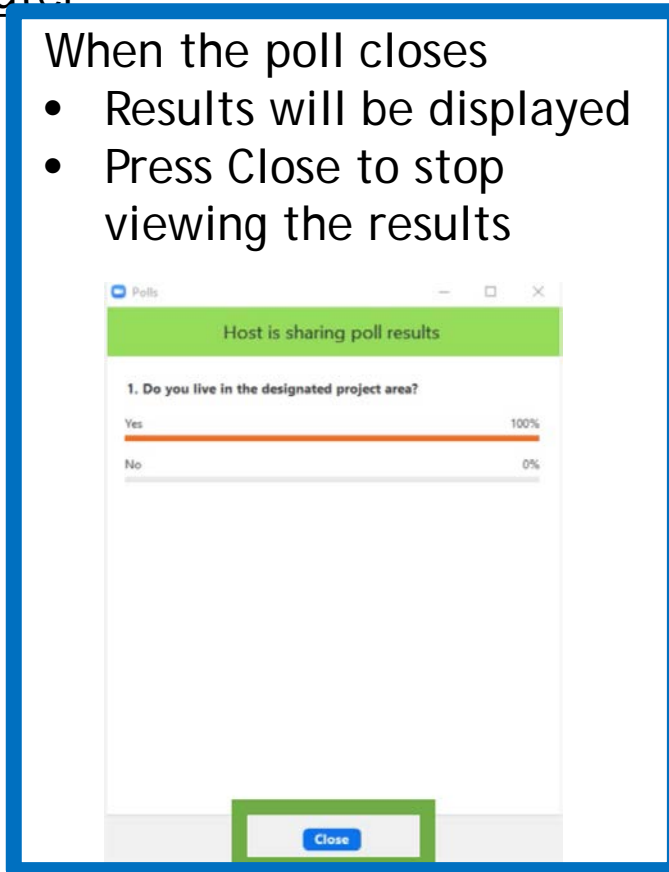
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The screenshot shows the same poll interface as the previous one, but now titled "Host is sharing poll results". The question "1. Do you live in the designated project area?" is followed by a progress bar. The "Yes" option is at 100% and the "No" option is at 0%. At the bottom, there is a blue "Close" button.

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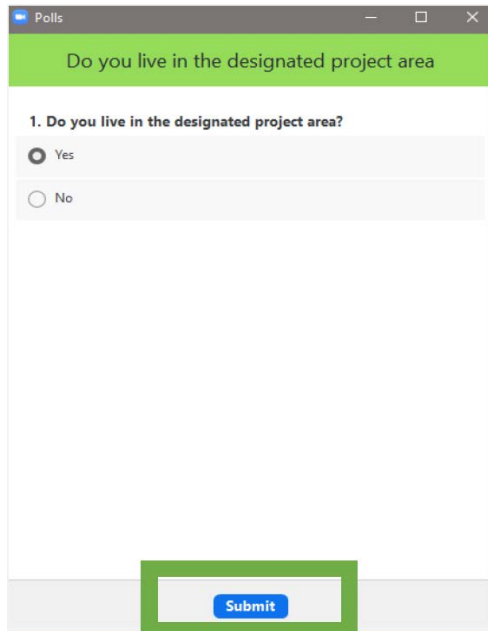
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Zoom Meeting Norms

- Start on time... end on time.
- Use the Raise Your Hand feature to be recognized to talk; there will be one speaker at a time.
- Move to a quiet area and silence any background noise when speaking.
- Speak loud and clear so all can hear.
- Everyone will be provided a chance to speak before a repeat speaker.
- Be respectful of other ideas and perspectives.
- Try to distinguish between “I know” and “I think” (fact vs. opinion)
- Inappropriate written and/or verbal comment or language, including personal attack and accusations, will result in that attendee being removed from the meeting.

Is there anything that should be added?

Traffic Calming Process

The background features abstract, overlapping geometric shapes in various shades of green, ranging from light lime to dark forest green. These shapes are primarily located on the right side of the page, creating a modern, layered effect. The text 'Traffic Calming Process' is positioned on the left side of the page, centered vertically.

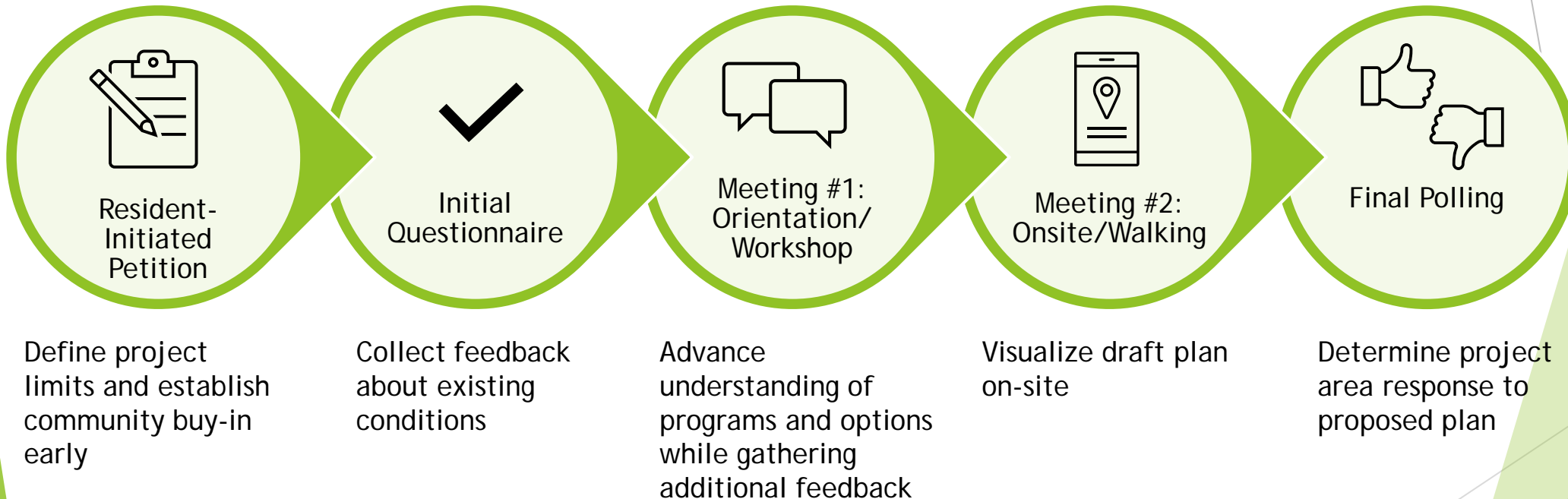
What is Traffic Calming?

“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.

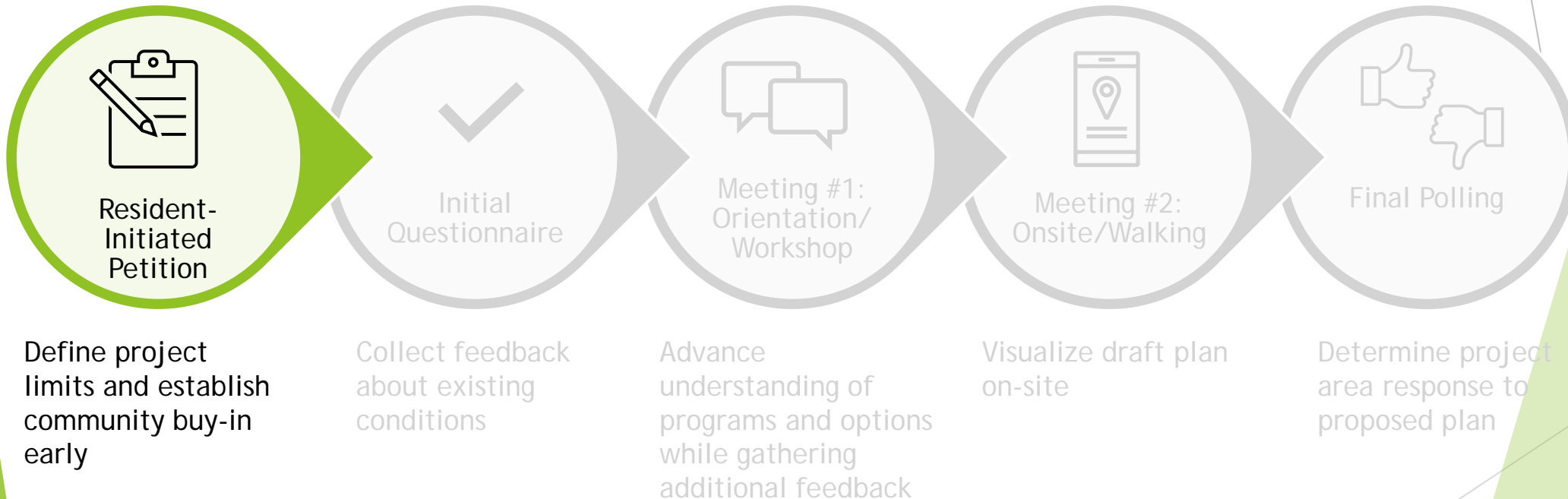
Traffic Calming in Ann Arbor

City Council-Approved 5 Step Program



Traffic Calming in Ann Arbor

City Council-Approved 5 Step Program





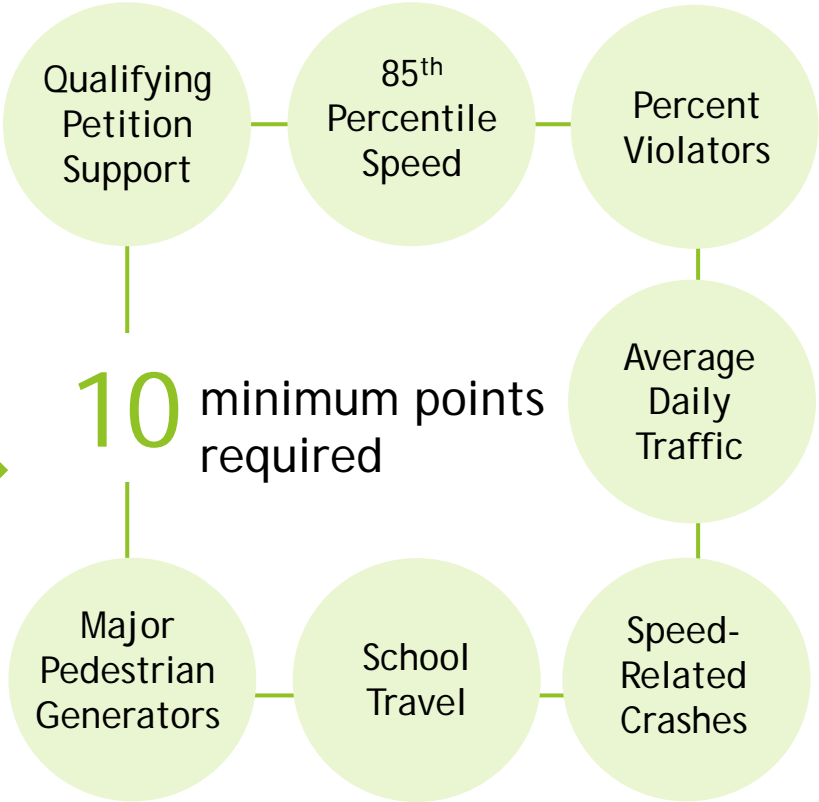
Resident-Initiated Petition



50%

minimum addresses properly represented within area of interest

50%
representation achieved

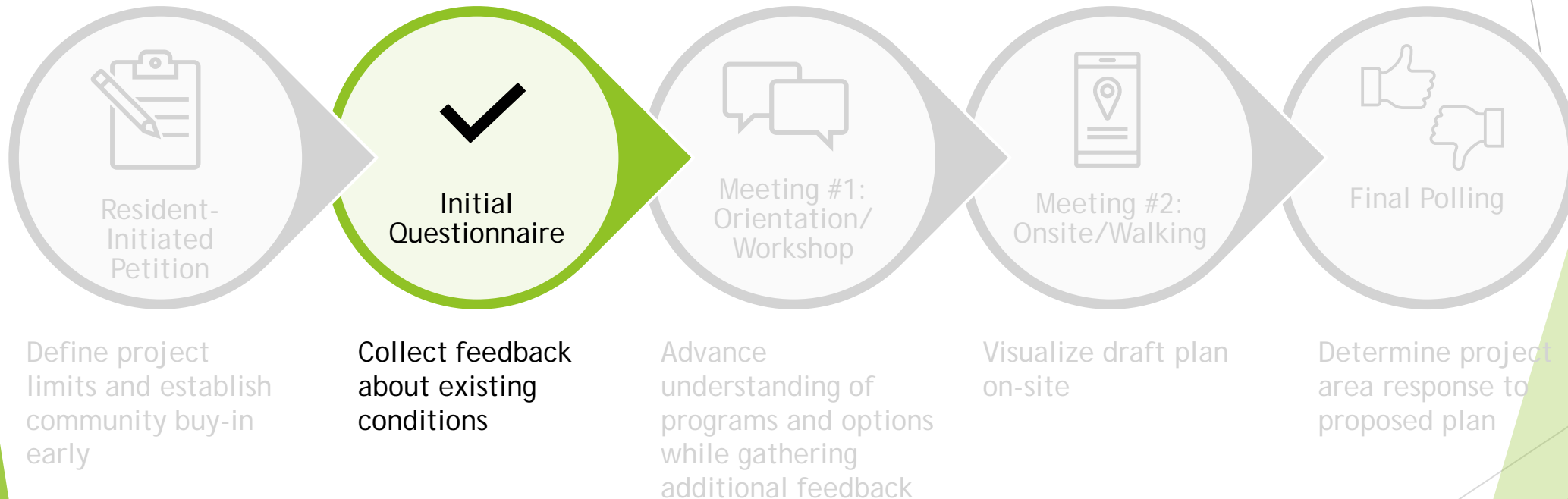


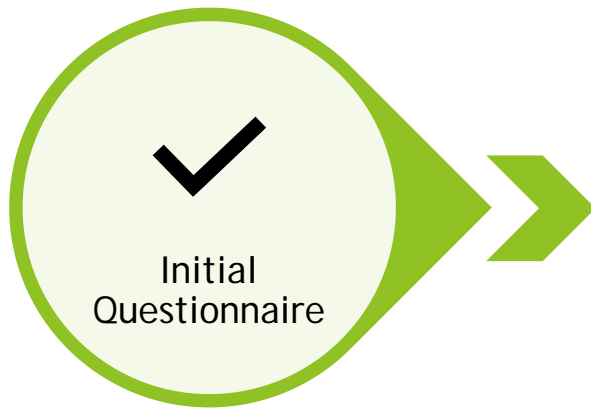
10 minimum points required

39 pts
earned

Traffic Calming in Ann Arbor

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50%

minimum response
support required

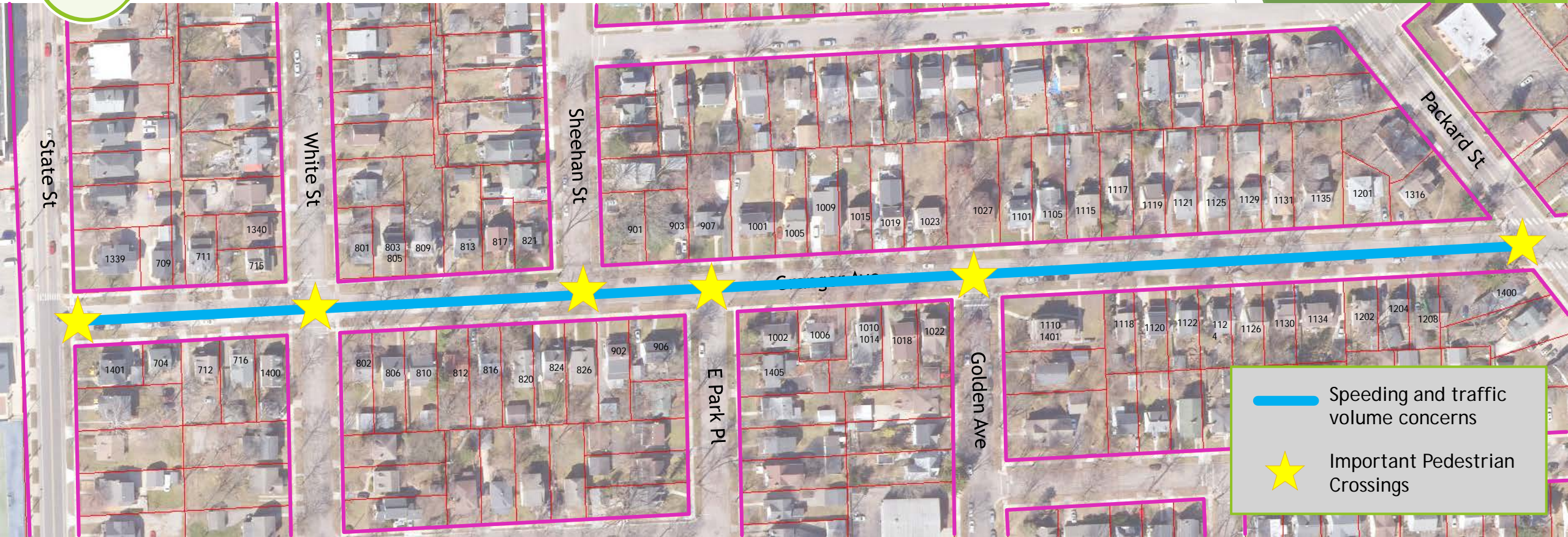


88%

response support
received



Initial Questionnaire Summary

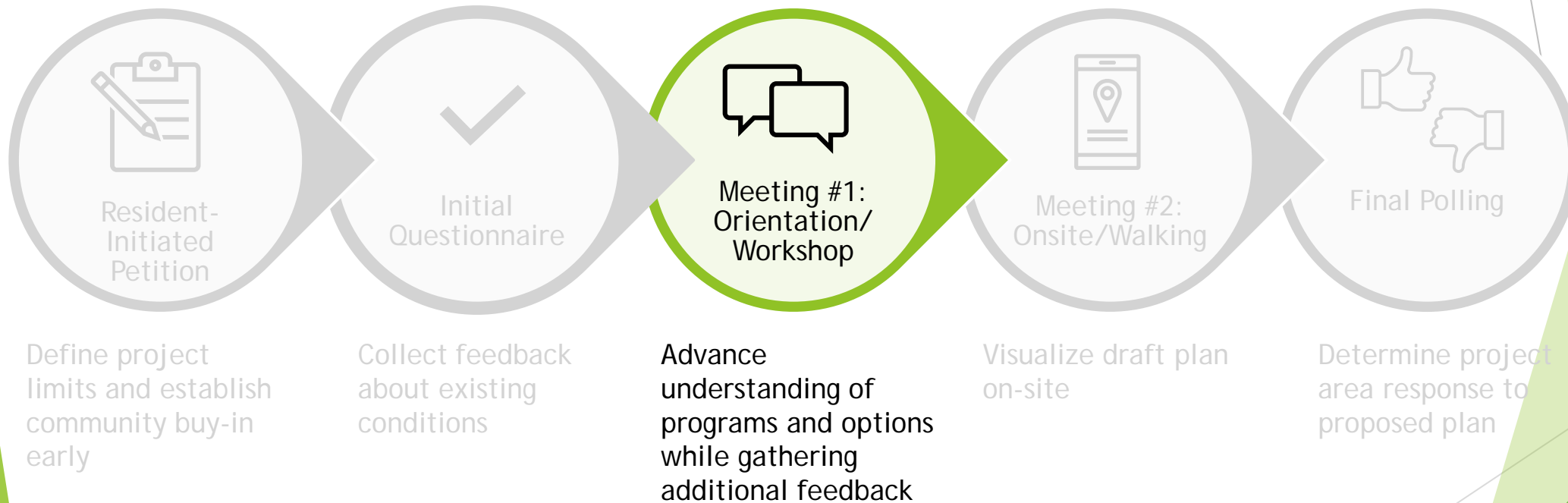


Questionnaire Response Summary at a2gov.org/TC-Granger-PS

Do you have any additional concerns or clarification related to traffic on Granger?

Traffic Calming in Ann Arbor

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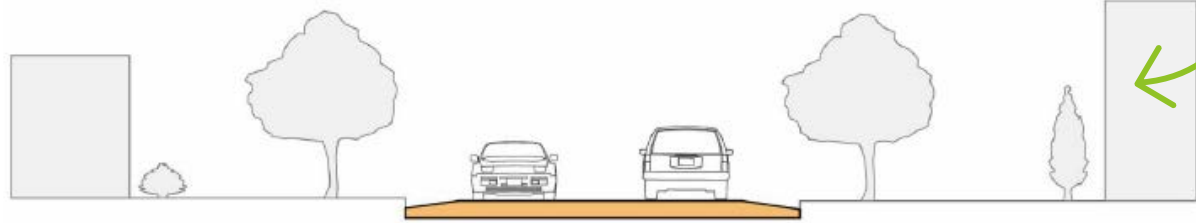
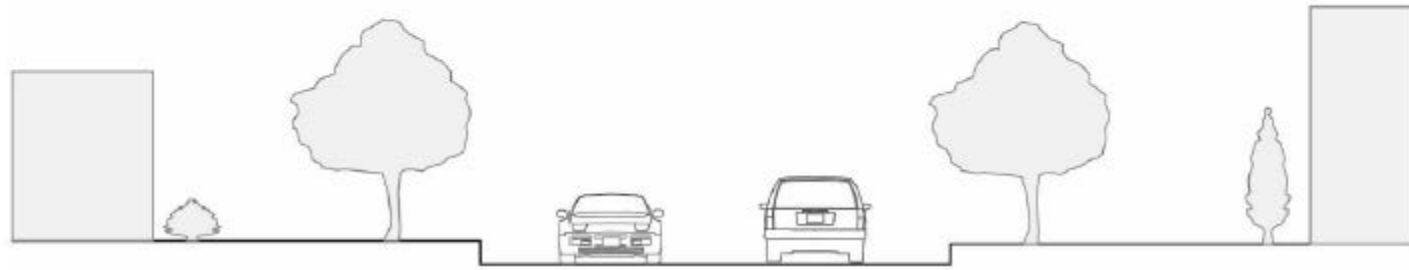


Polling

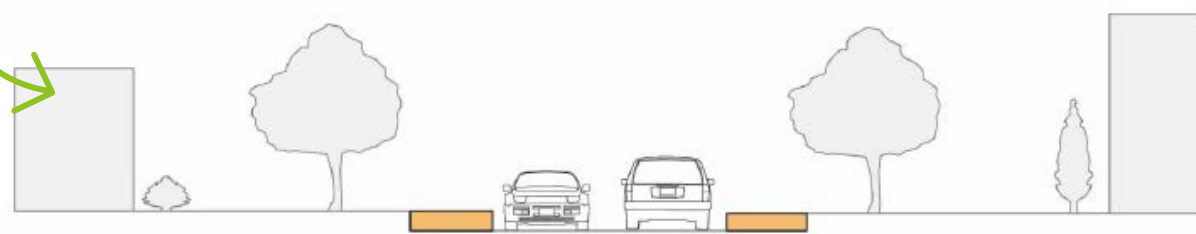




Device Toolbox



things you drive over



things you drive around



Device Toolbox

NOT Included

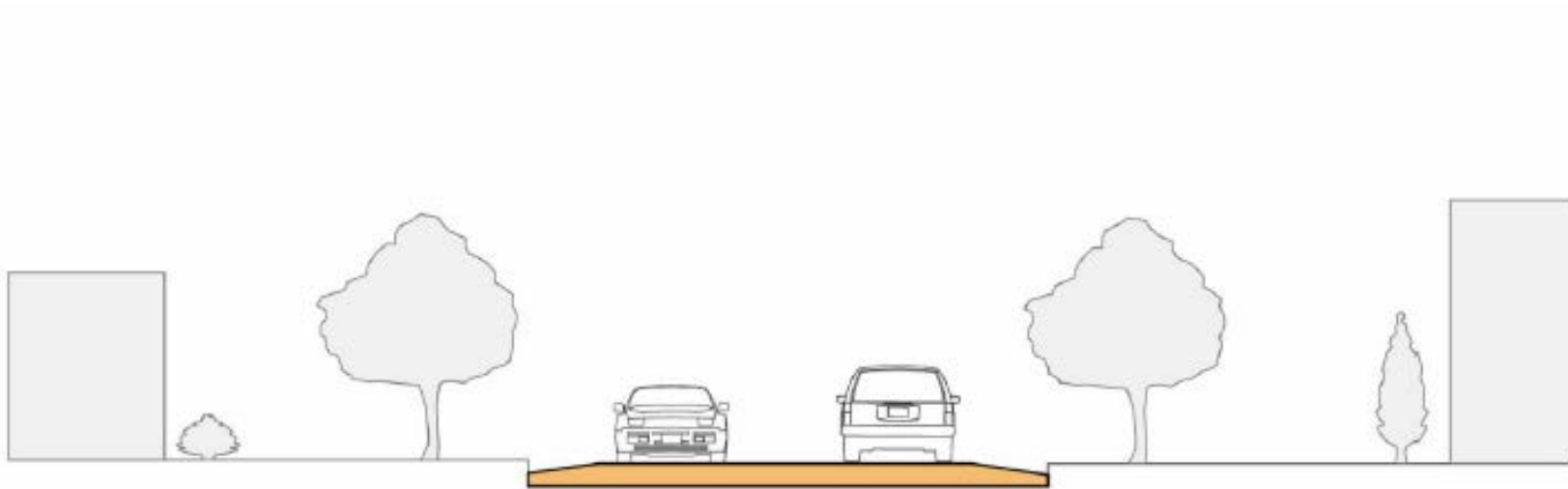
- Stop Signs
- Cul-de-Sac/Street Closure
- Police Enforcement
- New Sidewalk Installation
- Removal of Existing Devices

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



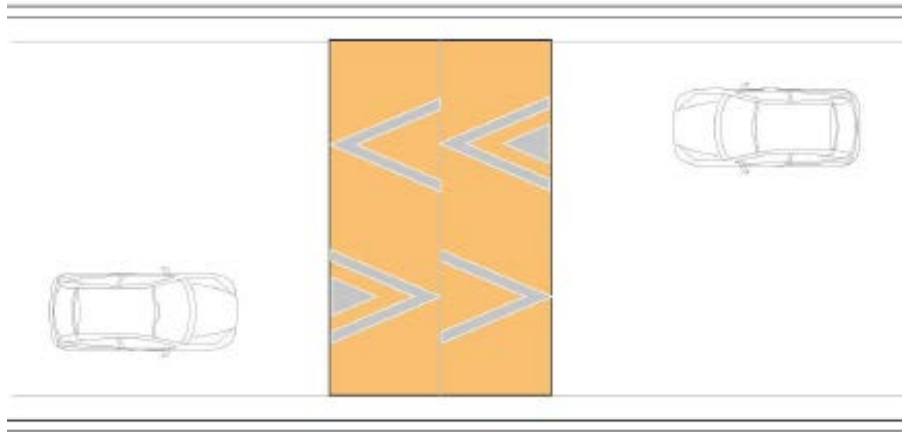


Device Toolbox



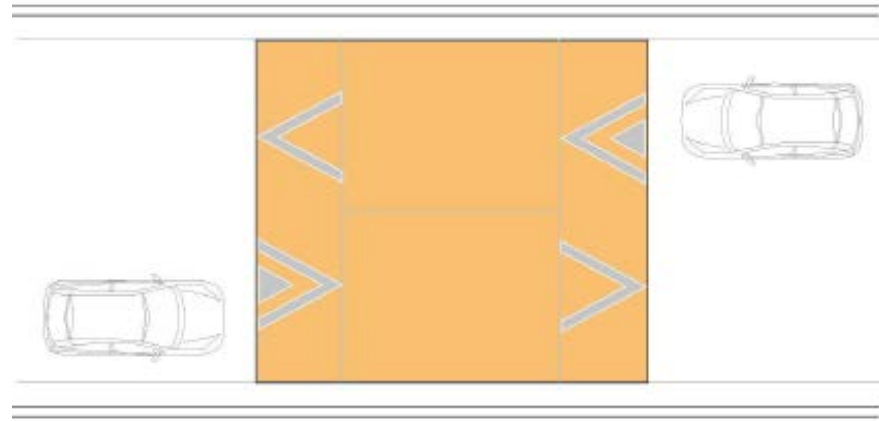
things you drive over

Things you Drive Over: Speed Humps



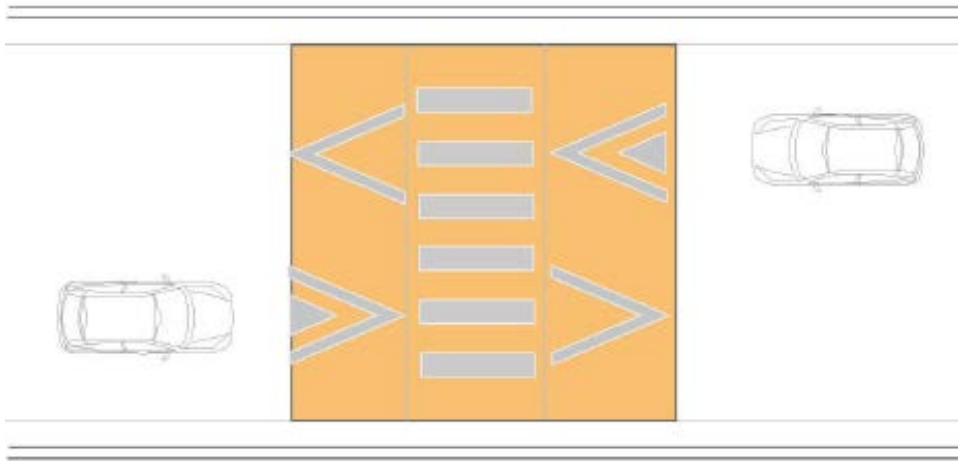
Example: Wells Street

Things you Drive Over: Speed Table



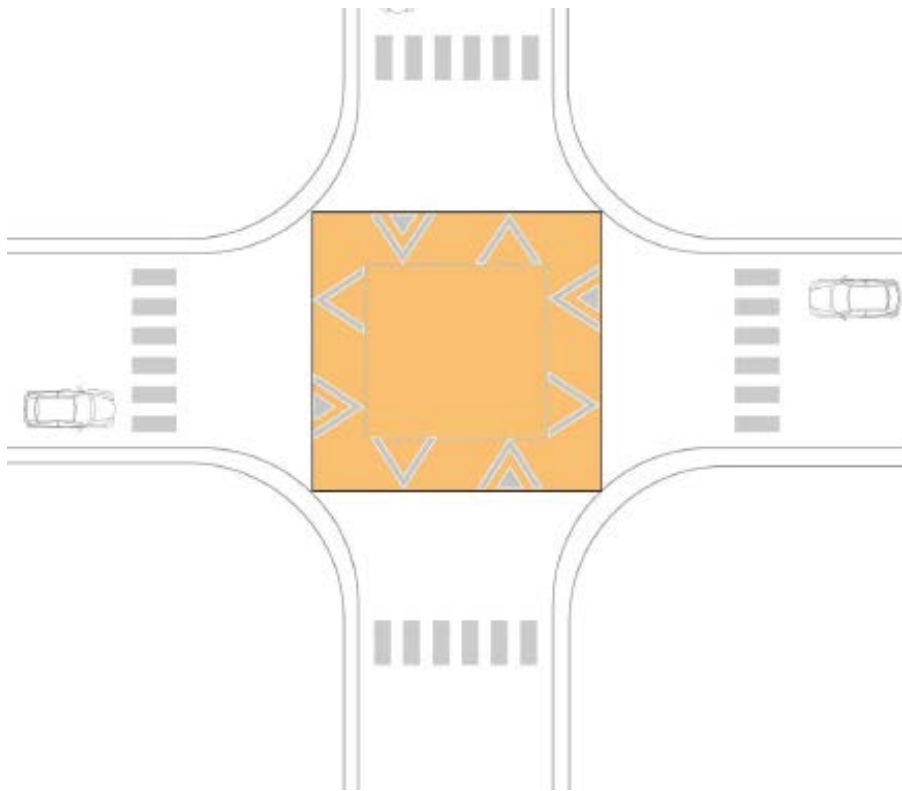
Source: www.nacto.org

Things you Drive Over: Raised Crosswalk



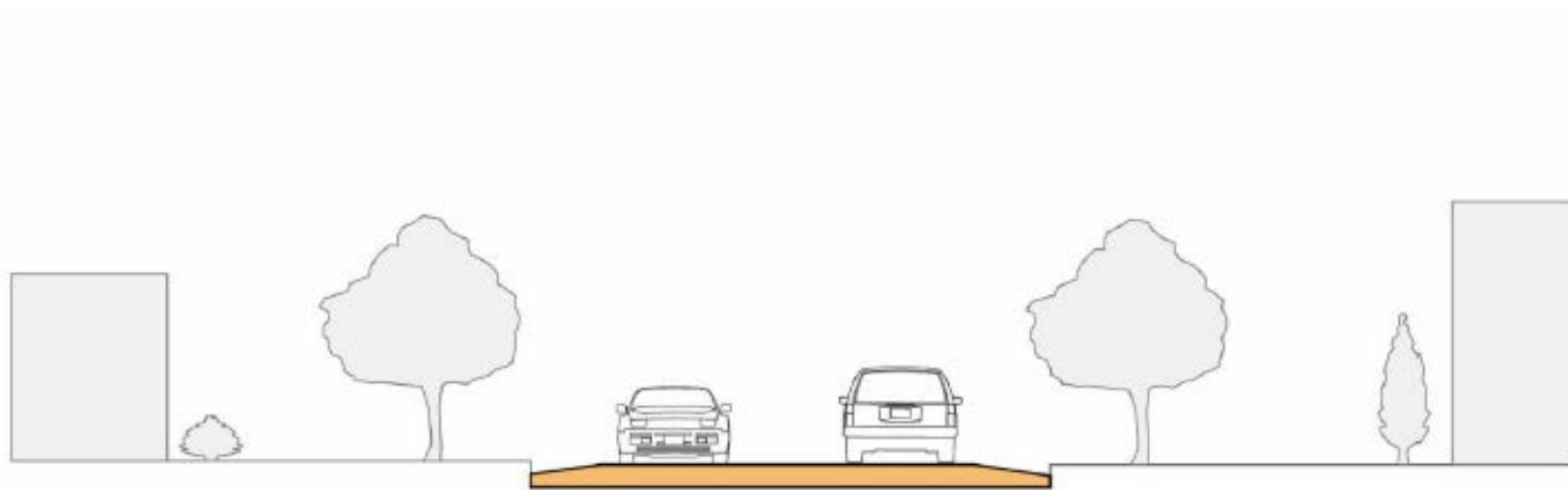
Example: S. Forest Avenue

Things you Drive Over: Raised Intersection



Example: Medford Street

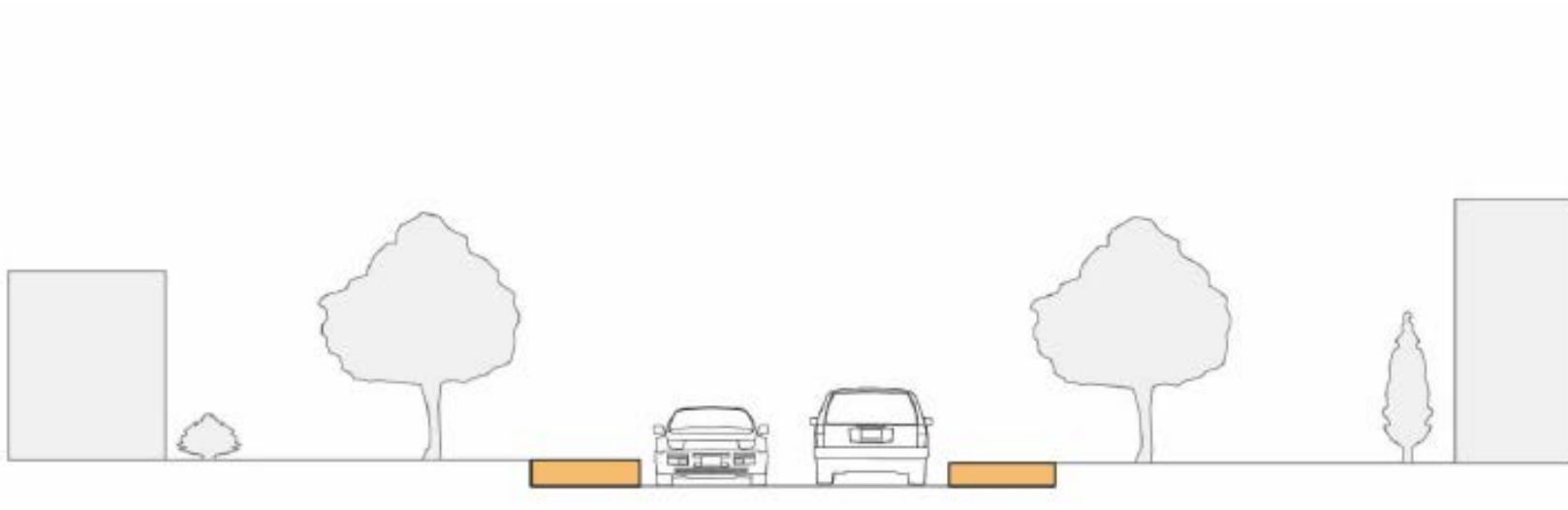
Questions about devices you drive over?



things you drive over

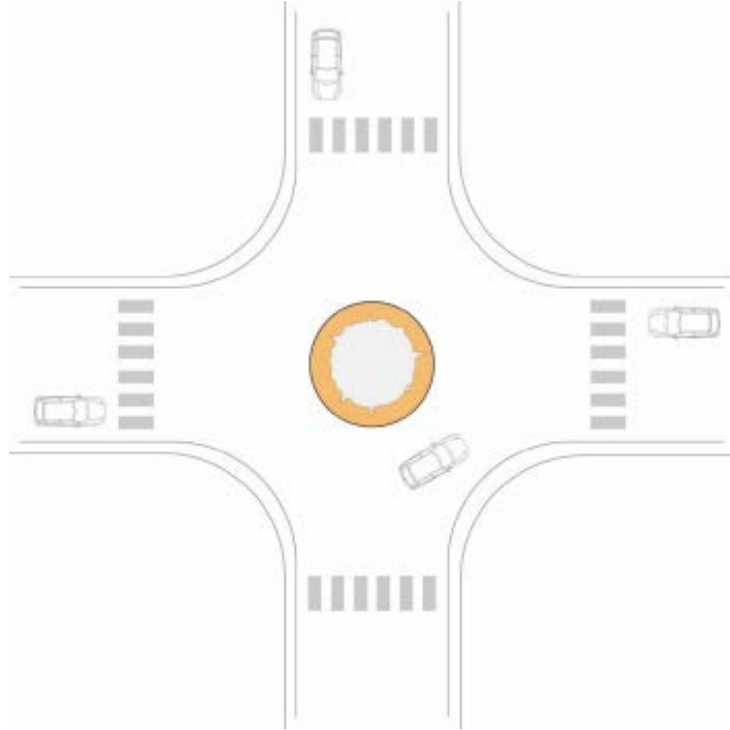


Device Toolbox



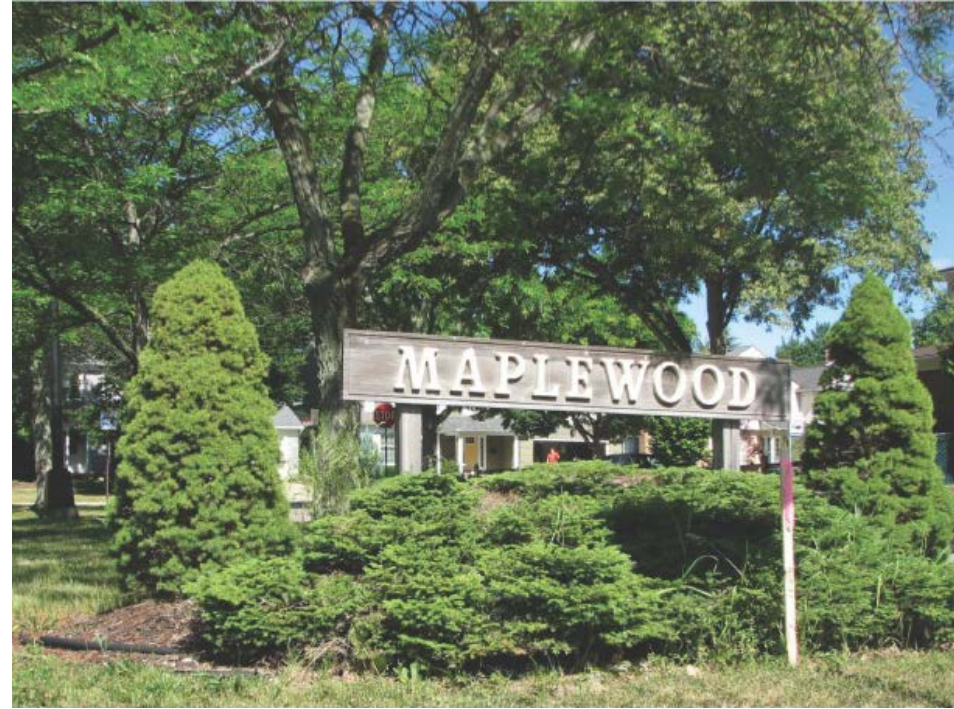
things you drive around

Things you Drive Around: Residential Traffic Circle



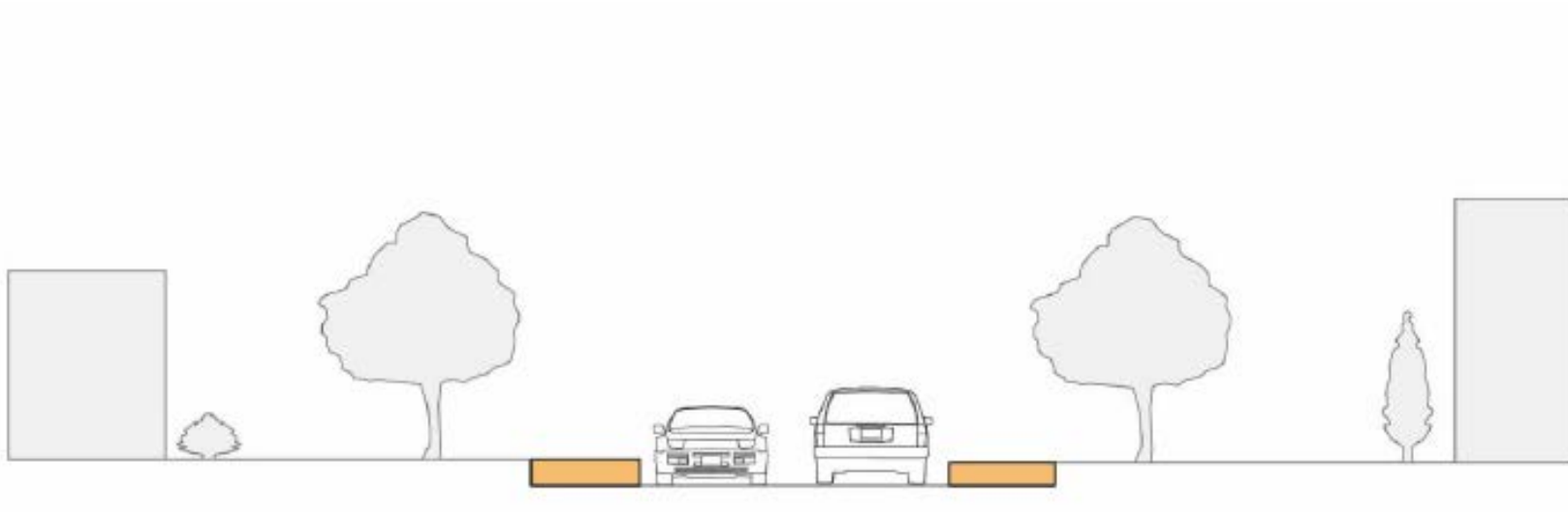
Example: Yost Boulevard

Things you Drive Around: Neighborhood Gateway Treatment



Source: Dan Burden, City of Northhampton, Beta, Inc., NACTO, MDOT, FHWA

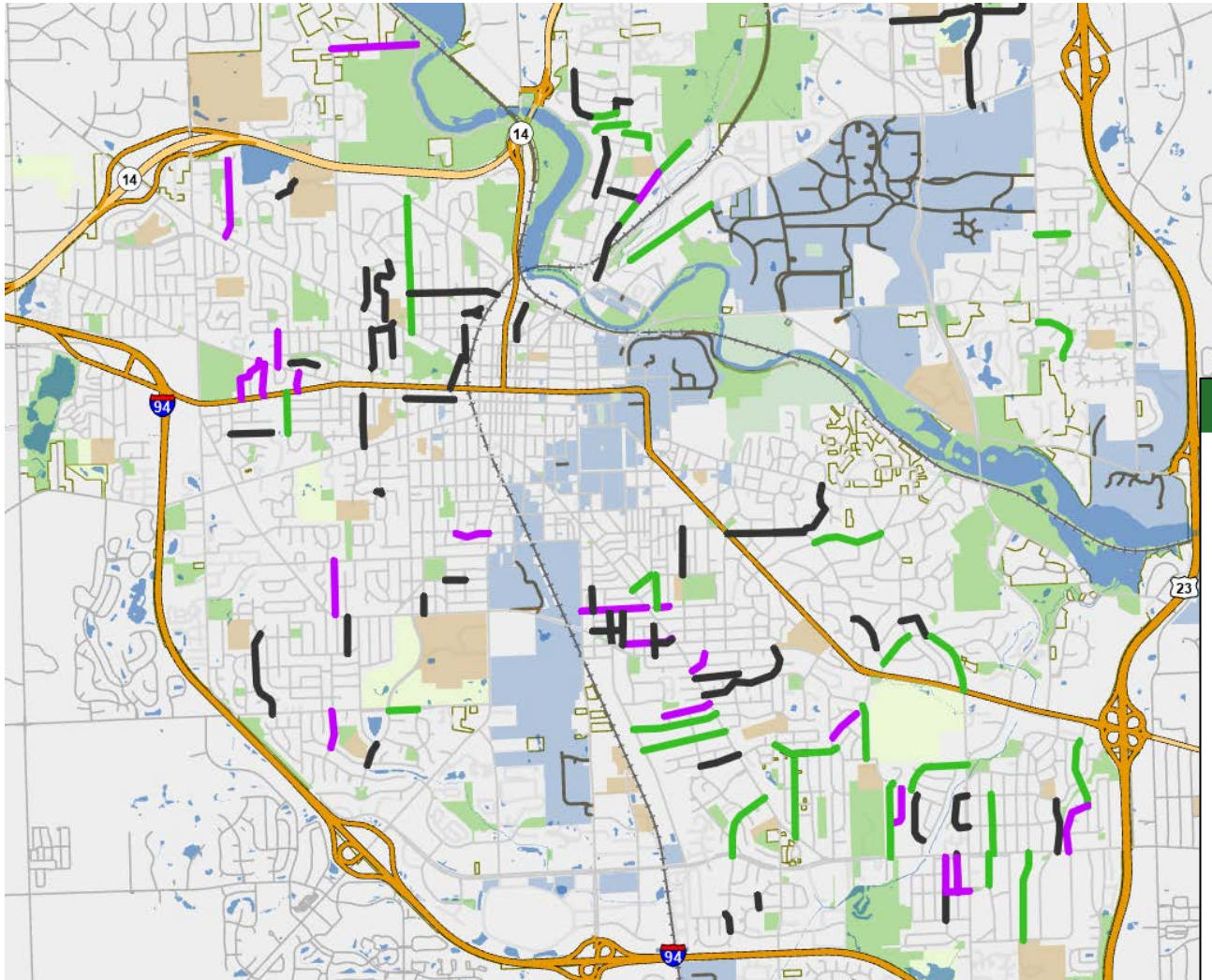
Questions about devices you drive around?



things you drive around

Ann Arbor Traffic Calming Projects

Interactive map online
a2gov.org/TrafficCalming



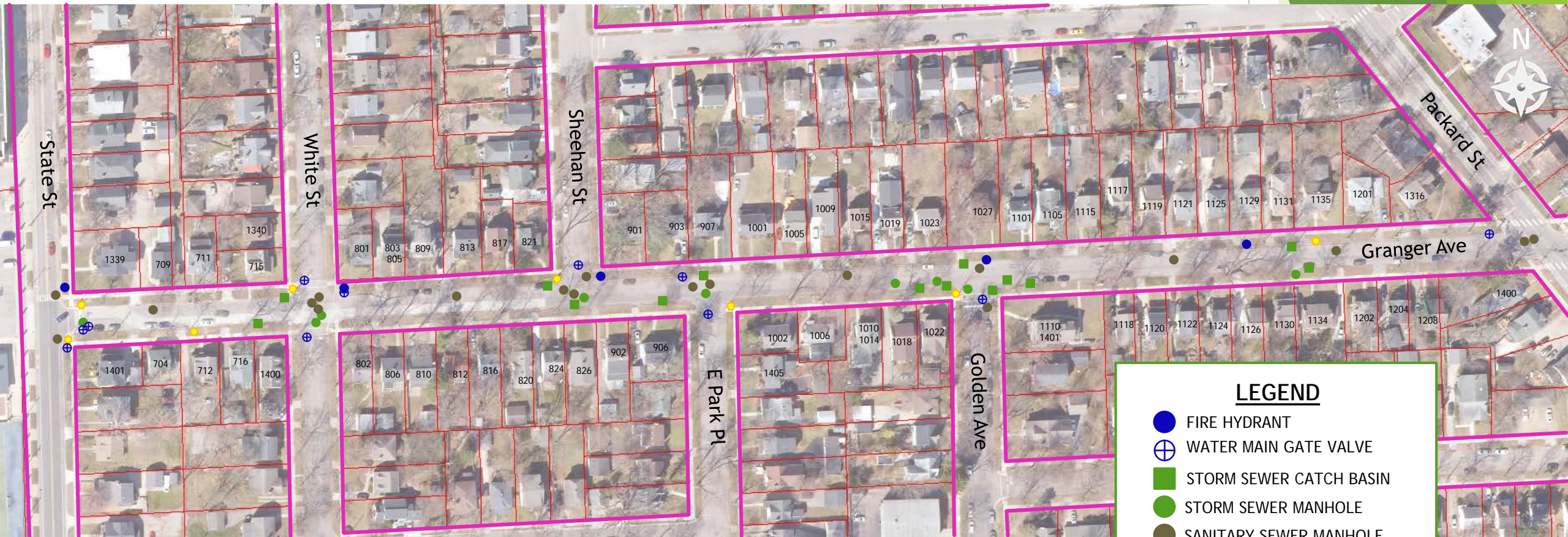
Layer List [X]

Layers [Search] [Layers Icon]

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



Starter Idea

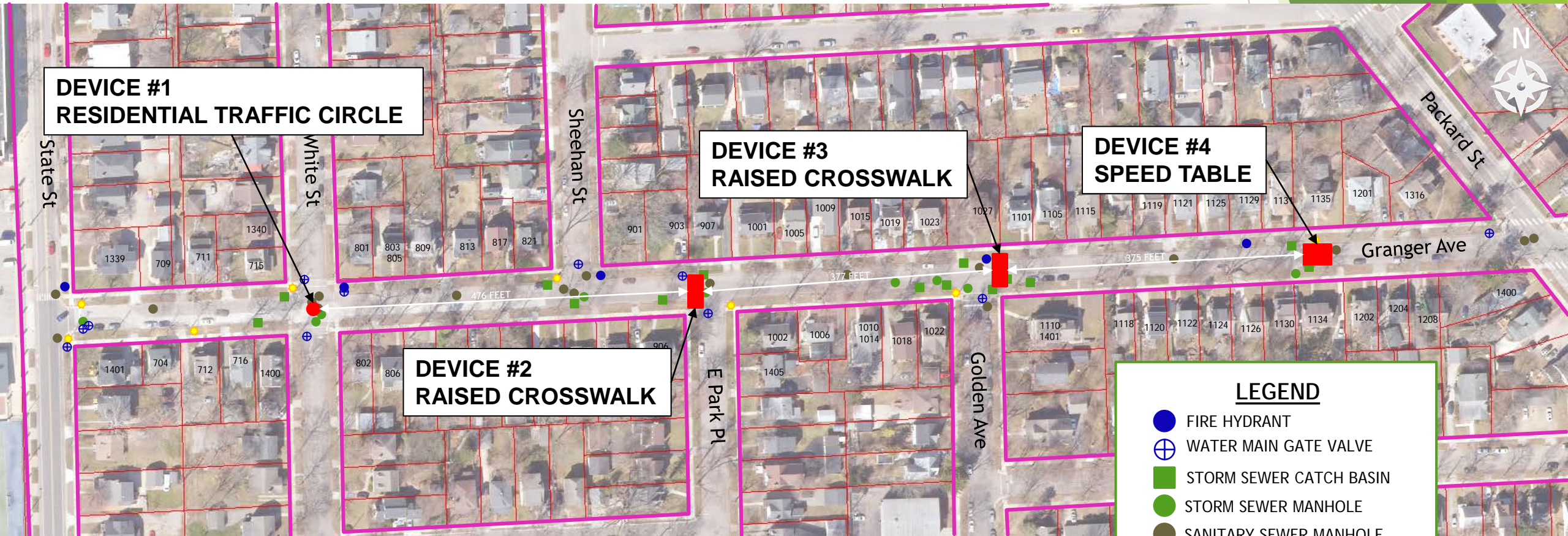


LEGEND

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



Starter Idea



**DEVICE #1
RESIDENTIAL TRAFFIC CIRCLE**

**DEVICE #3
RAISED CROSSWALK**

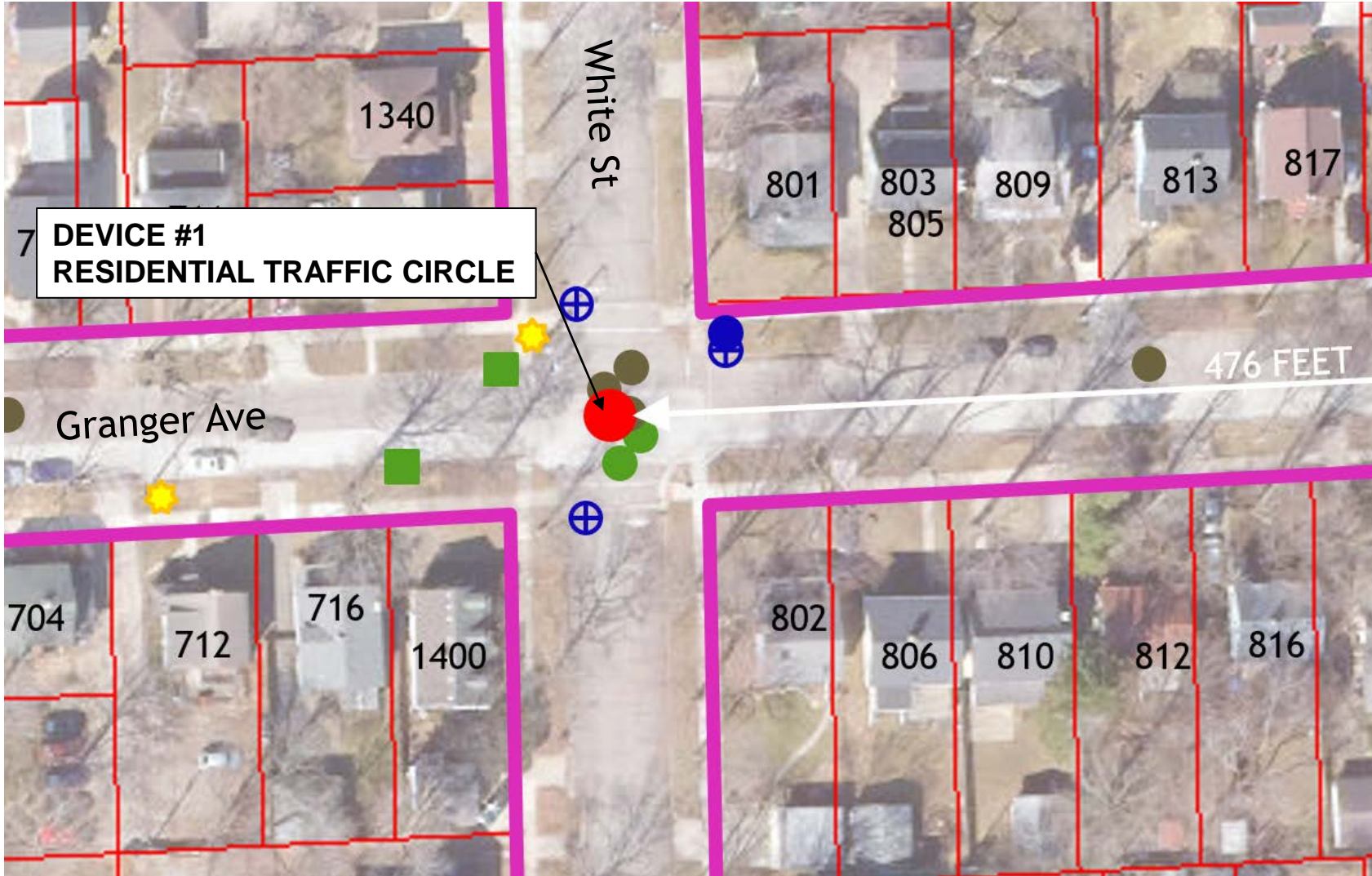
**DEVICE #4
SPEED TABLE**

**DEVICE #2
RAISED CROSSWALK**

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 - Residential Traffic Circle

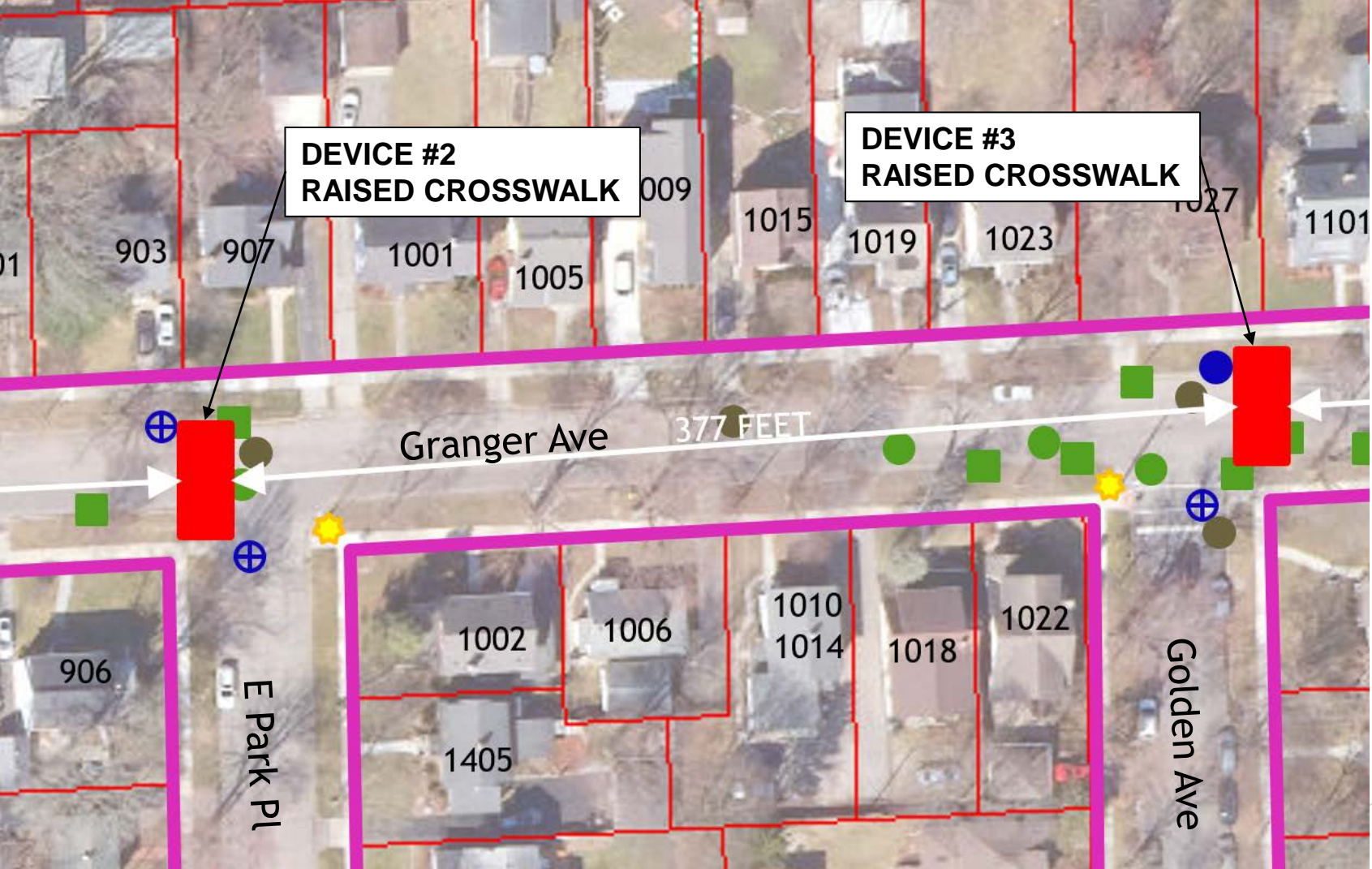


Things you Drive Around: Residential Traffic Circle

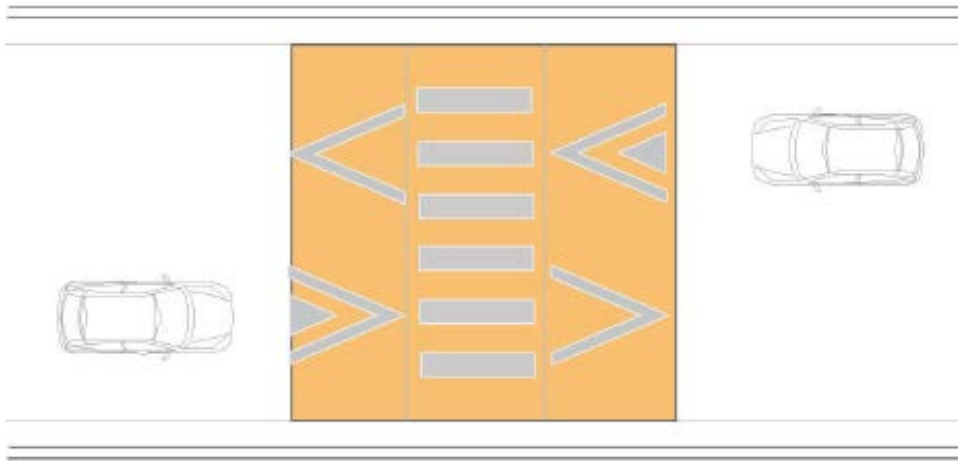


Example: Yost Boulevard

Devices #2 & #3 - Raised Crosswalks

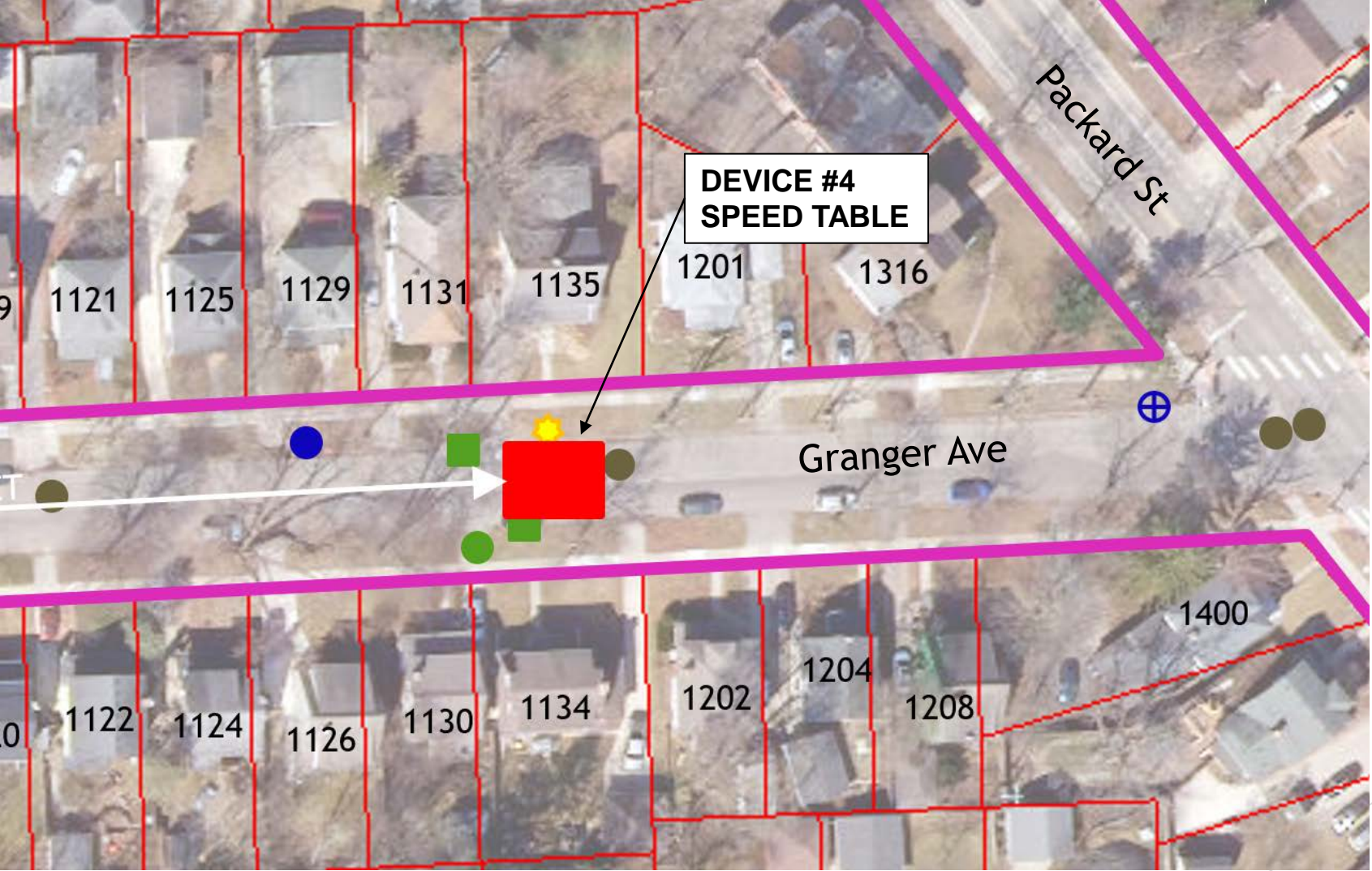


Things you Drive Over: Raised Crosswalk

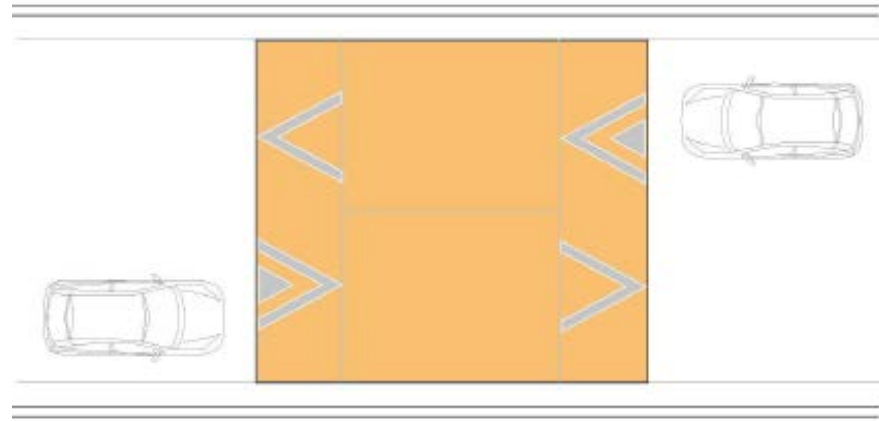


Example: S. Forest Avenue

Device #4 - Speed Table



Things you Drive Over: Speed Table



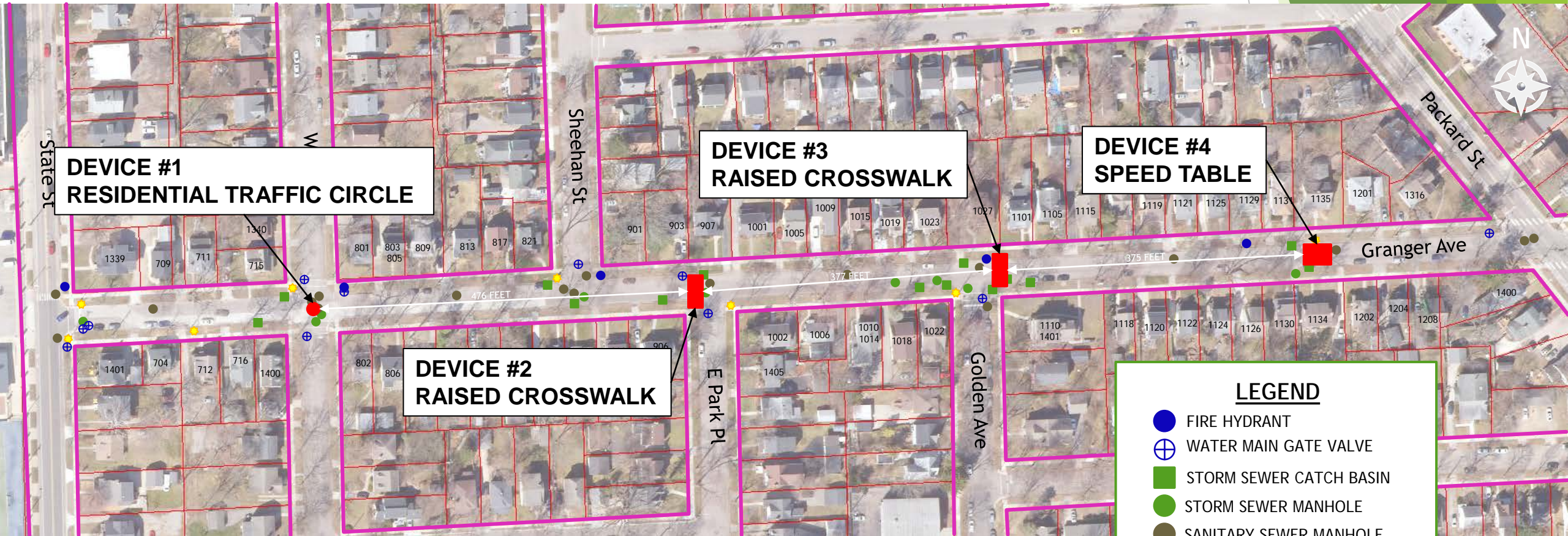
Source: www.nacto.org

Feedback Exercise

The background features abstract, overlapping geometric shapes in various shades of green, ranging from light lime to dark forest green. These shapes are primarily located on the right side of the slide, creating a modern, layered effect. The text 'Feedback Exercise' is positioned on the left side of the slide in a clean, sans-serif font.



Starter Idea



**DEVICE #1
RESIDENTIAL TRAFFIC CIRCLE**

**DEVICE #3
RAISED CROSSWALK**

**DEVICE #4
SPEED TABLE**

**DEVICE #2
RAISED CROSSWALK**

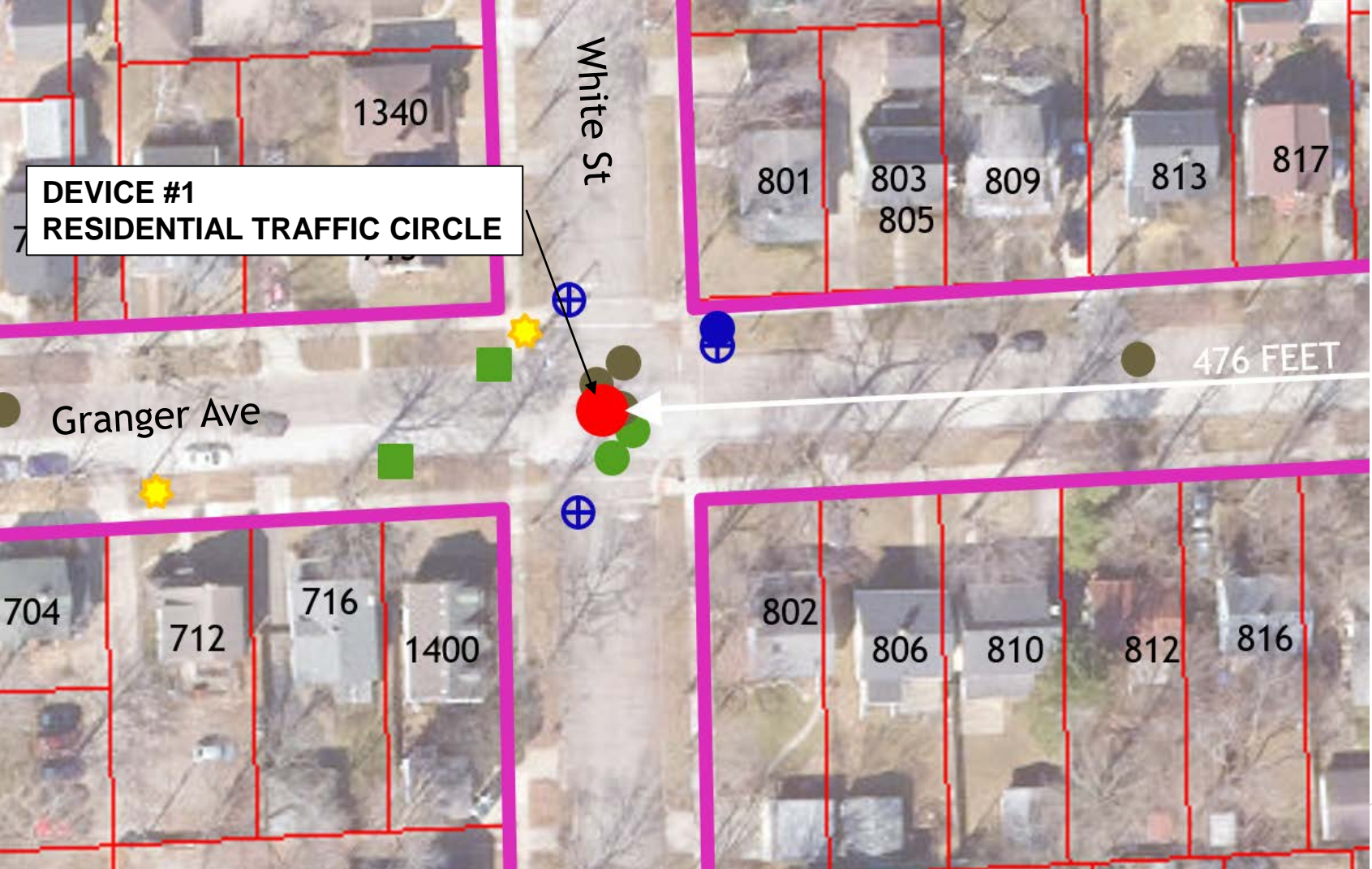
LEGEND

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

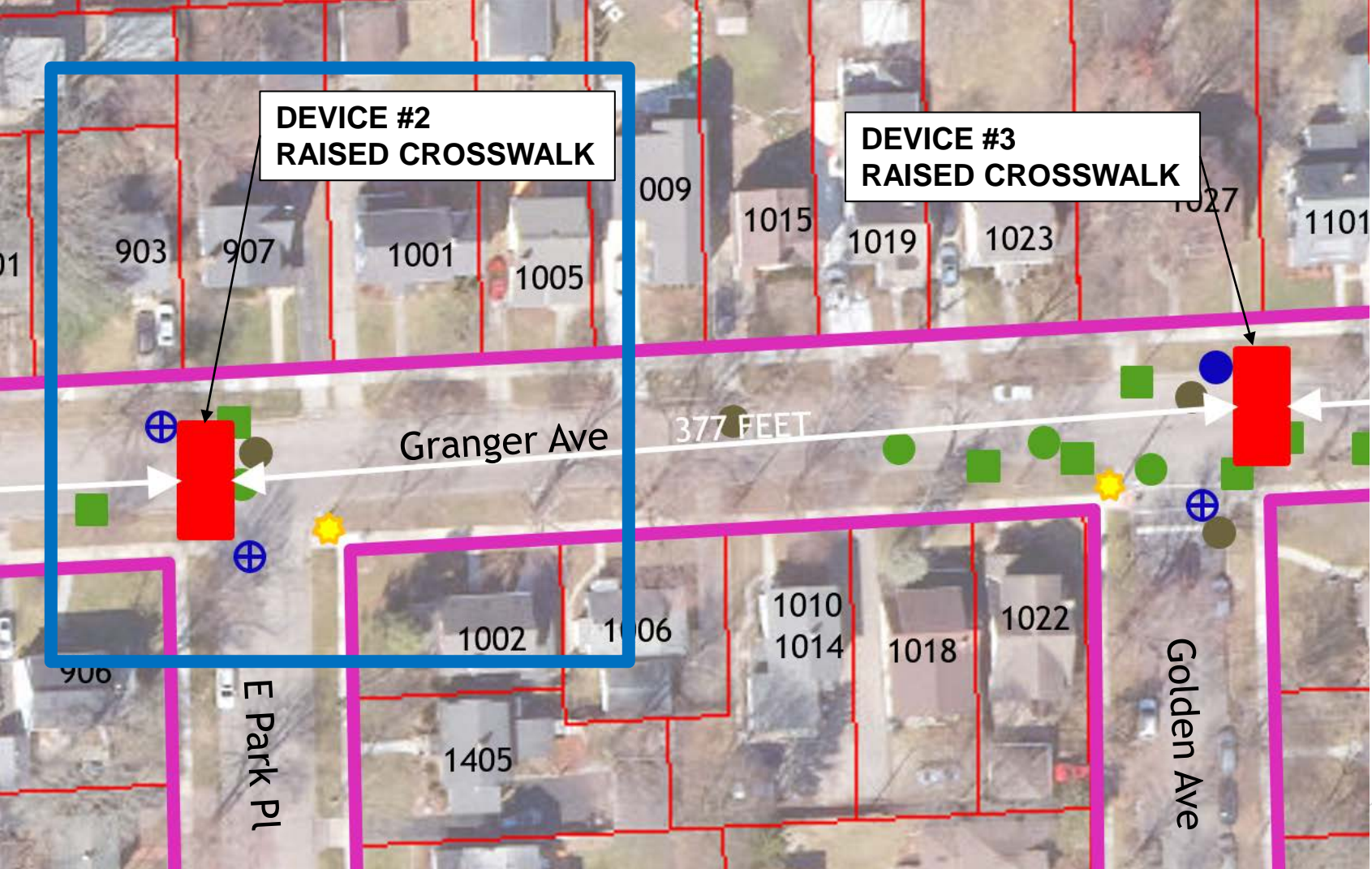
Polling



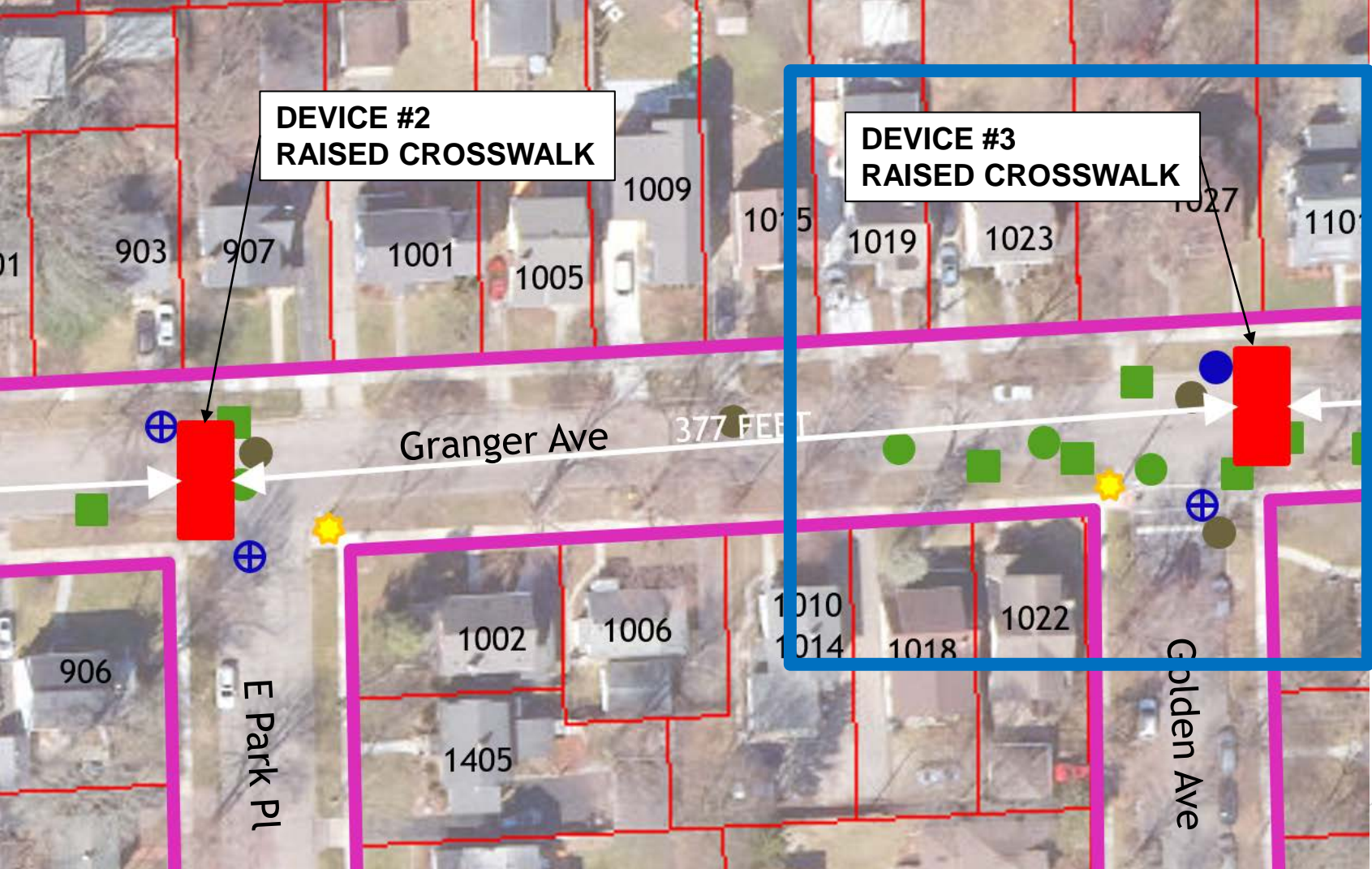
Device #1 - Residential Traffic Circle



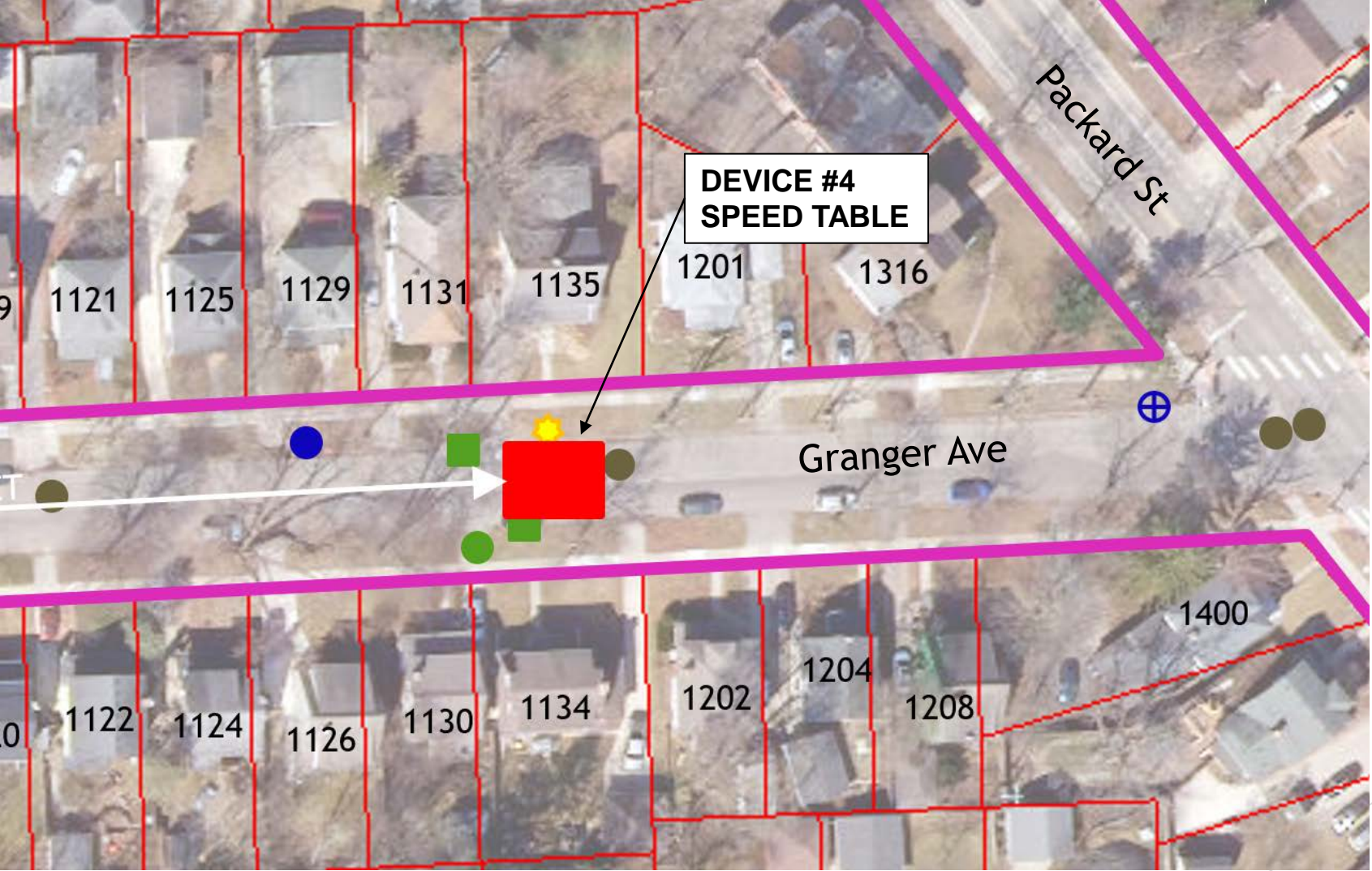
Devices #2 & #3 - Raised Crosswalks



Devices #2 & #3 - Raised Crosswalks

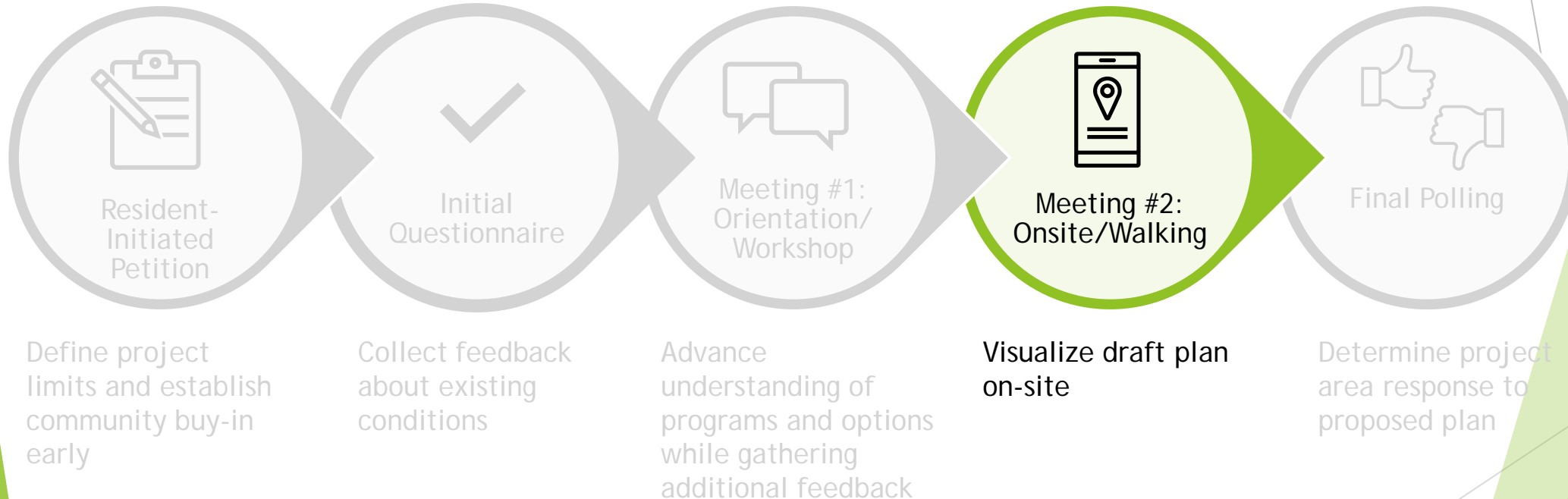


Device #4 - Speed Table



Traffic Calming in Ann Arbor

City Council-Approved 5 Step Program





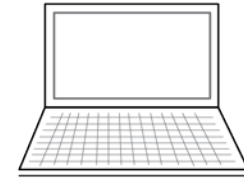
Self-Guided Tour



review meeting
packet



visit device
locations



bring questions to
virtual meeting



Virtual Meeting



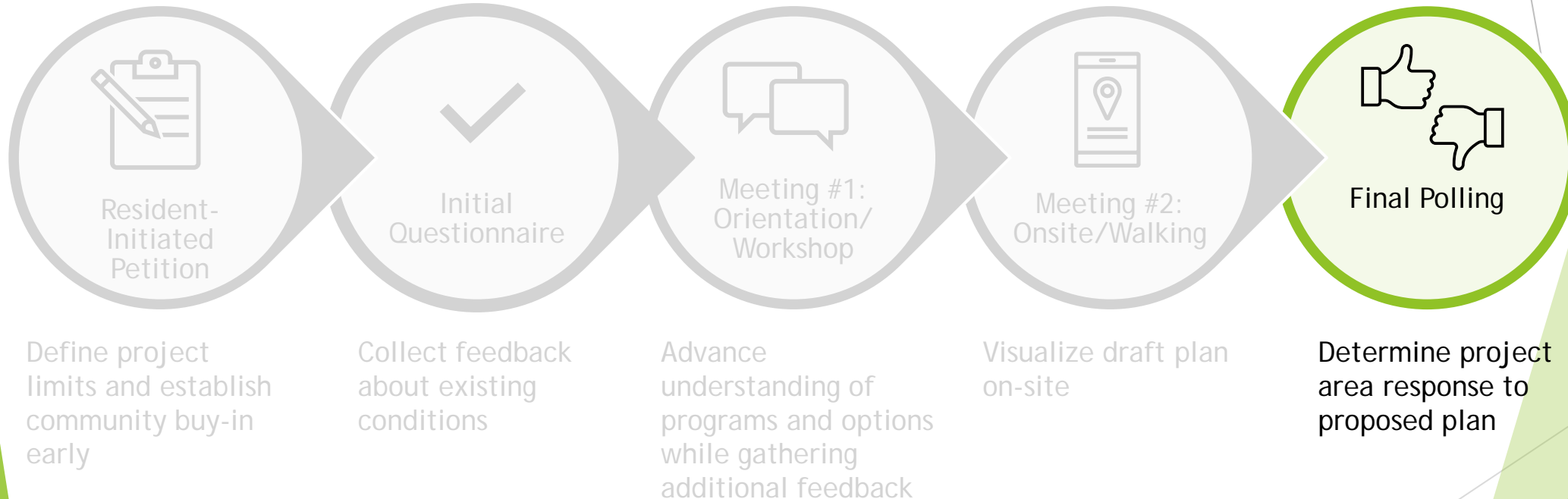
present Preliminary Plan

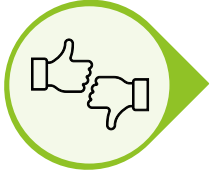


discussion and
feedback

Traffic Calming in Ann Arbor

City Council-Approved 5 Step Program





Final Polling



>50%

minimum
response
support required



Transportation Commission
recommendation

+

City Council final
approval

homeowners, renters + landlords
polled

Next Steps

| DATE | EVENT |
|------------|---|
| February 8 | Meeting #2 from 6-7:30 pm |
| March 21 | Final Polling Card will be mailed to project area addresses |
| April 10 | Deadline to electronically complete or mail final polls |
| May | Transportation Commission meeting requesting support |
| June | Target City Council meeting for final approval |

Thank you!



Phone: 313-831-7606



Email: kthullen@wadetrim.com



Project Website: a2gov.org/TC-Granger-PS