WELCOME!

The Brandywine 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 url.a2gov.org/TCBrandywineYP

Project Team



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



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Wade Trim
Consultant Engagement Coordinator
EIT: Engineer-in-Training



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Consultant Traffic Engineer
PE: Professional Engineer
PTOE: Professional Traffic Operations Engineer



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Wade Trim
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PE: Professional Engineer
PTOE: Professional Traffic Operations Engineer

Ann Arbor Support Staff



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



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City of Ann Arbor
Management Assistant

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

Meeting Agenda

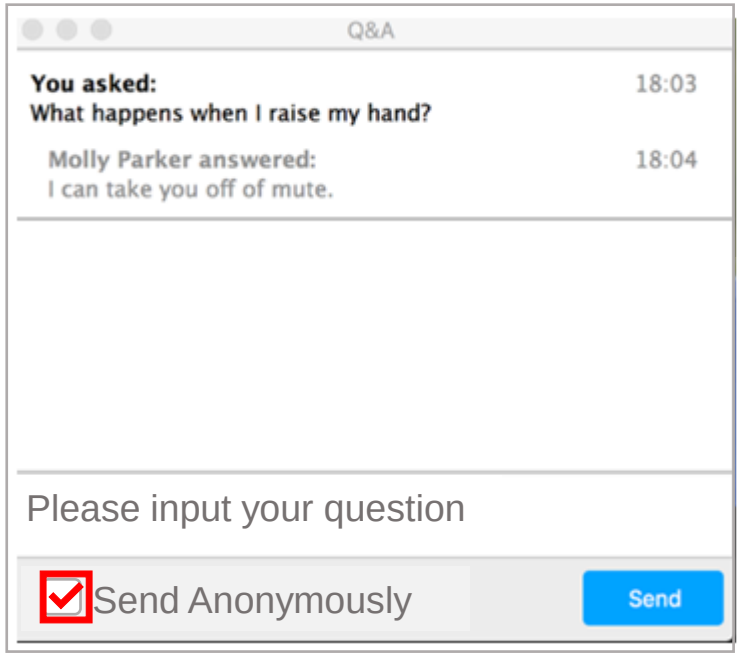
I. Zoom Technology Overview
II. Meeting Norms
III. Traffic Calming Process
    - Resident-Initiated Petition
    - Initial Questionnaire
    - Meeting #1
        - Device Toolbox
        - Starter Idea
        - Feedback Exercise
    - Meeting #2
    - Final Polling
IV. Next Steps

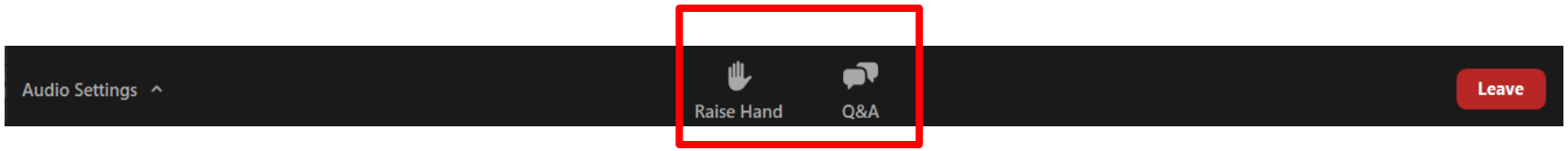
Technology Overview – Ask a question/share a comment

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

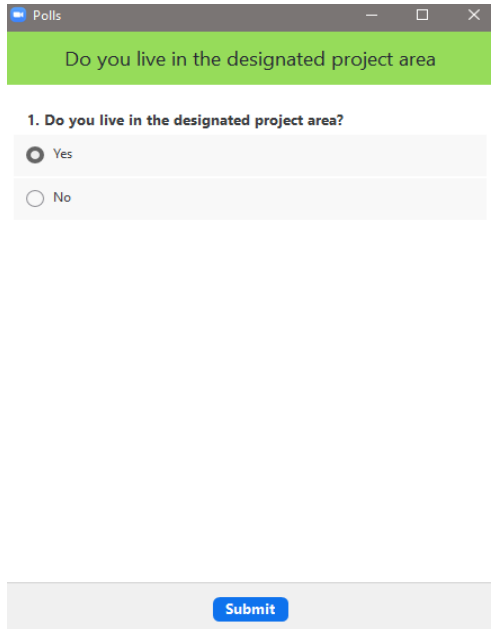


Technology Overview – Polling

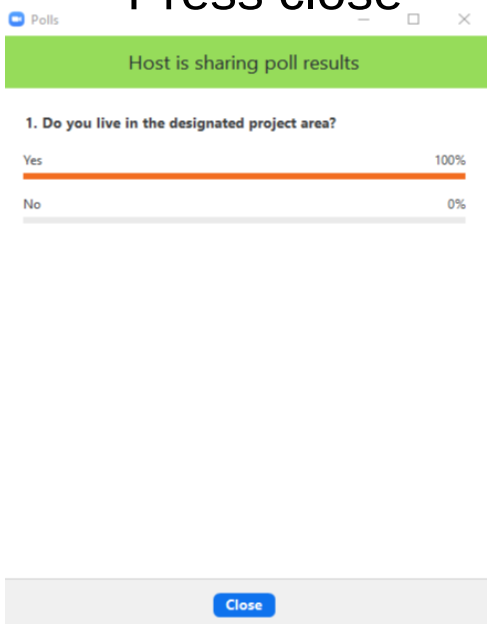
Note: When you raise your hand, the host will enable your microphone. The host will disable your microphone after your question.

Computer

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



- When the poll closes
  - View results
  - Press close



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

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.

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?

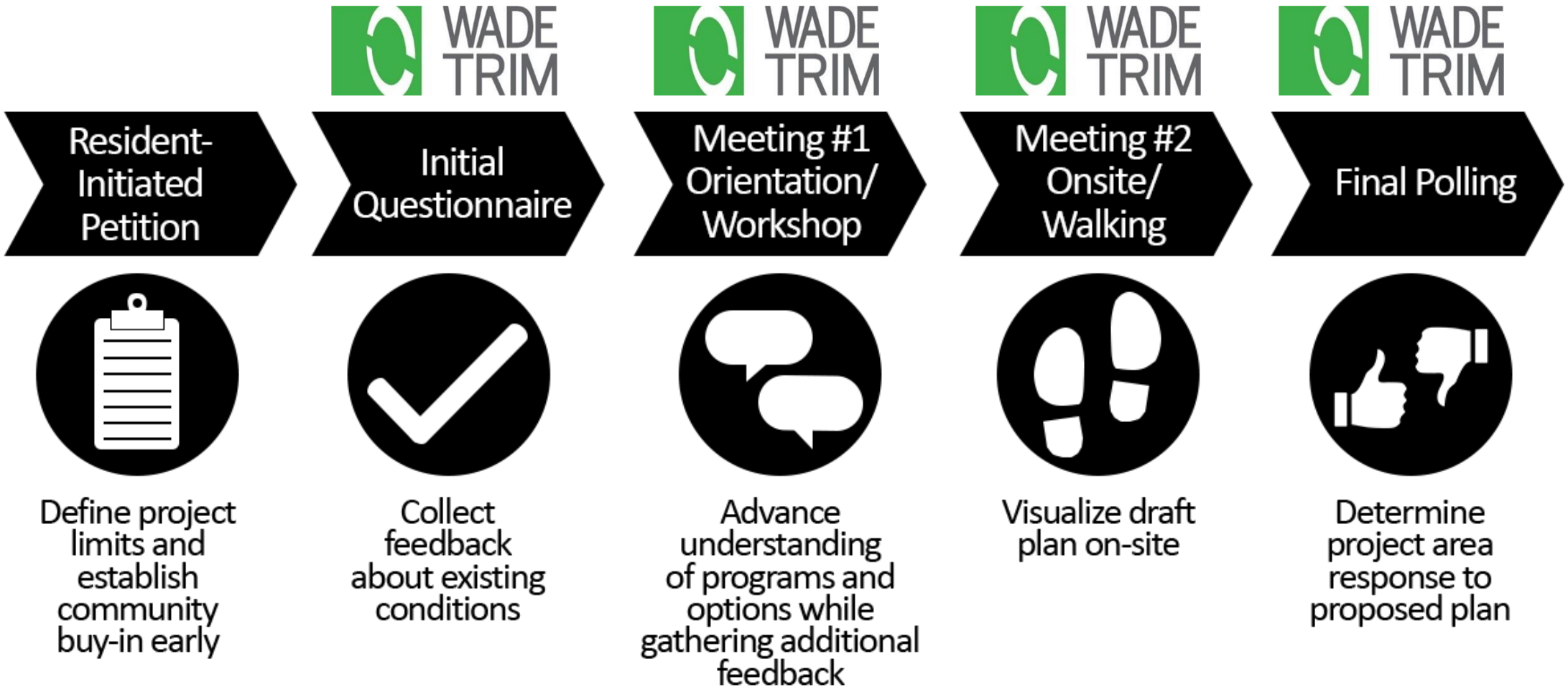
Traffic Calming Process

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

58% representation achieved

Qualifying Petition Support

85th Percentile Speed

Percent Violators

Average Daily Traffic

Speed-Related Crashes

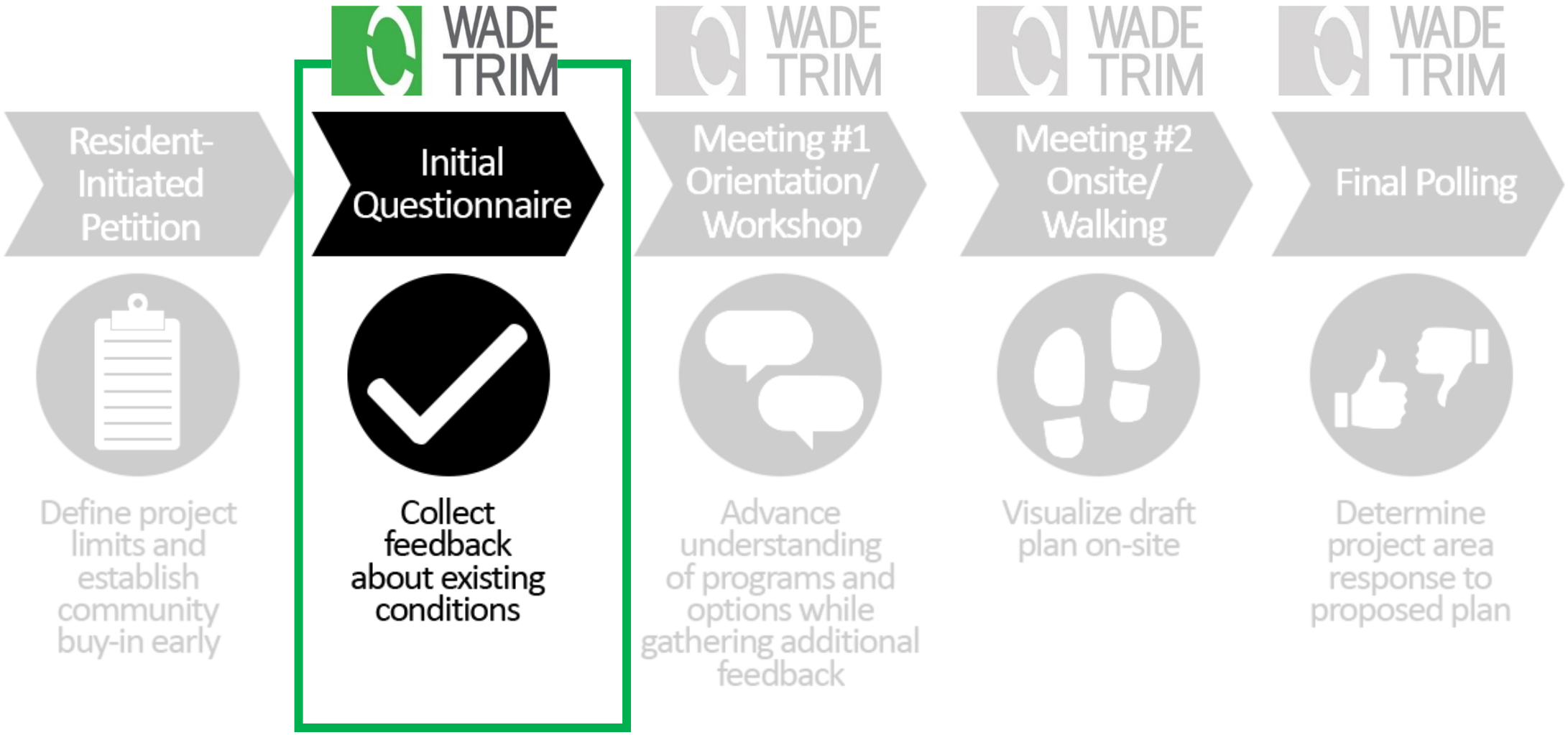
School Travel

Major Pedestrian Generators

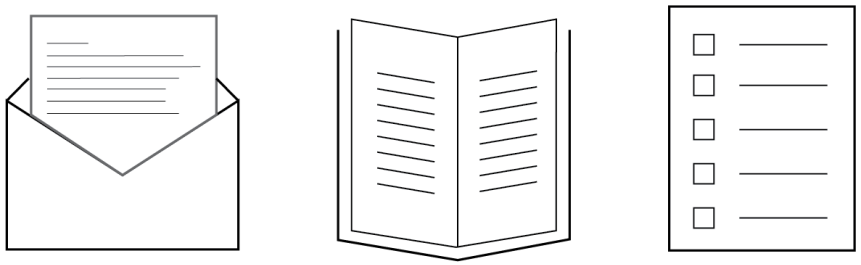
10 minimum points required

15 pts earned

Step 2: Initial Questionnaire



Initial Questionnaire Results



Initial Questionnaire Package

50%

minimum response support required

95%

response support received



Initial Questionnaire Summary

Detailed summary at url.a2gov.org/TCBrandywineYP

- Cut-through traffic
- Speeding
- Traffic calming does not address/adds to existing backup issues
- Sharp bend difficult to navigate
- 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

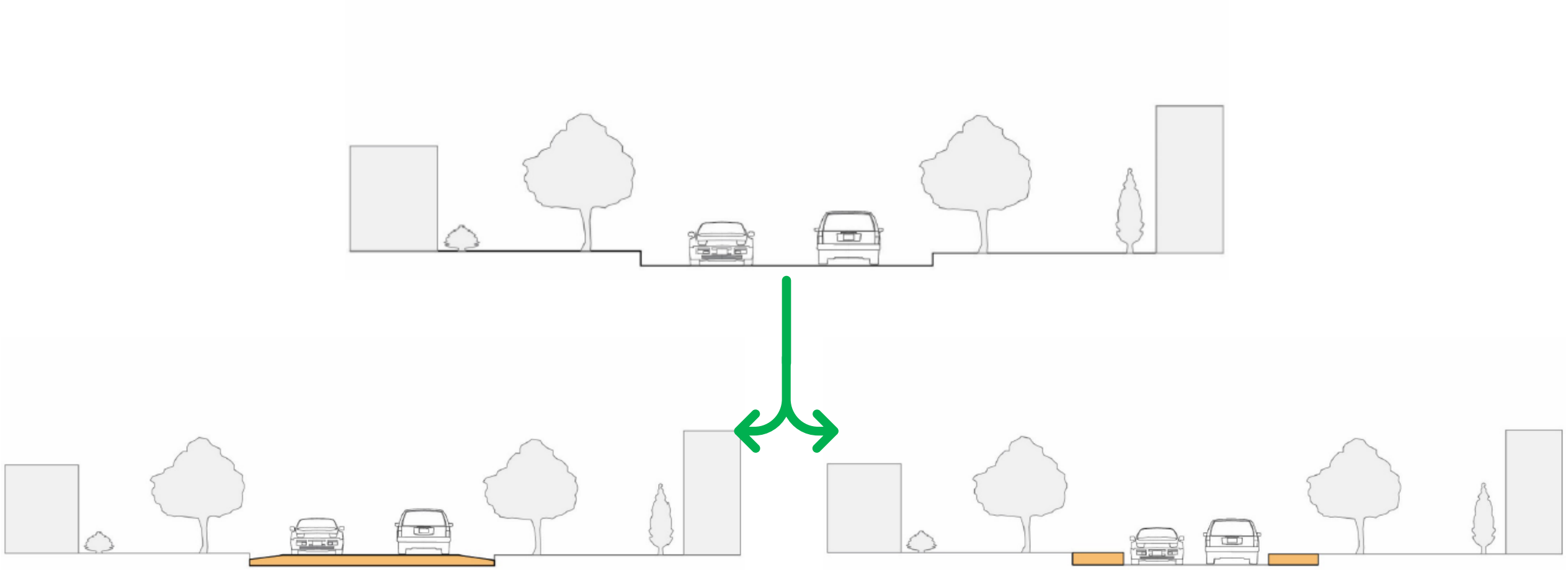
NOT Included

- 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



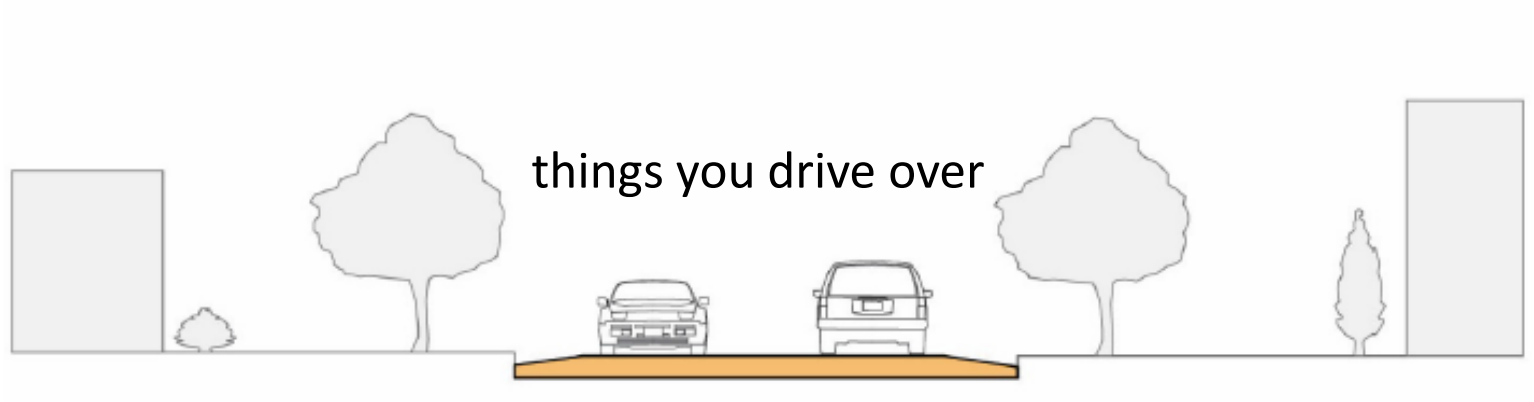
Orientation: Device Toolbox

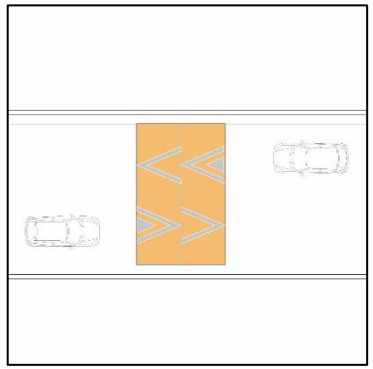


things you drive over

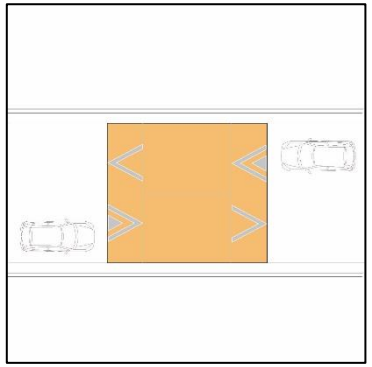
things you drive around

Orientation: Device Toolbox

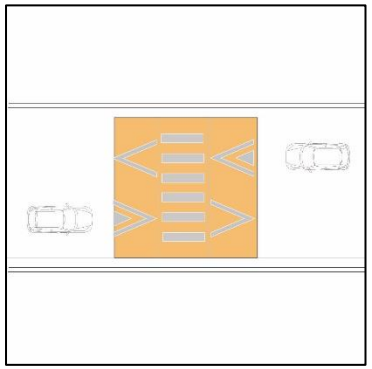




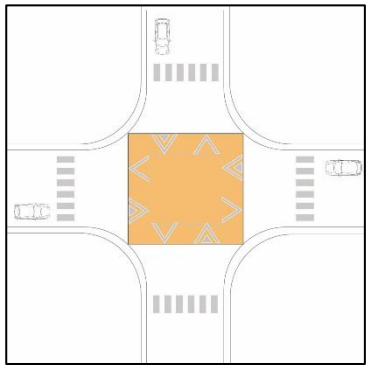
Speed Hump



Speed Table

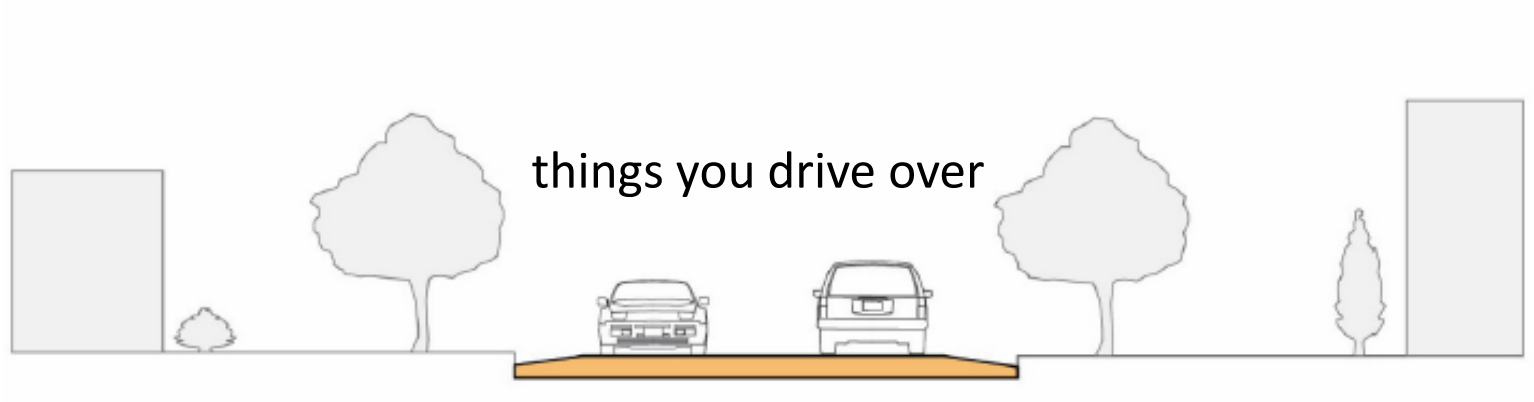


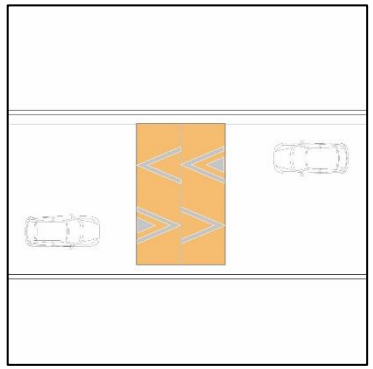
Raised Crosswalk



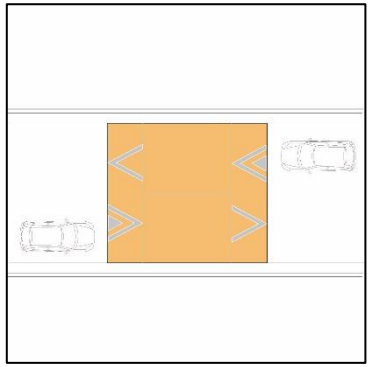
Raised Intersection

Orientation: Device Toolbox





Speed Hump



Speed Table

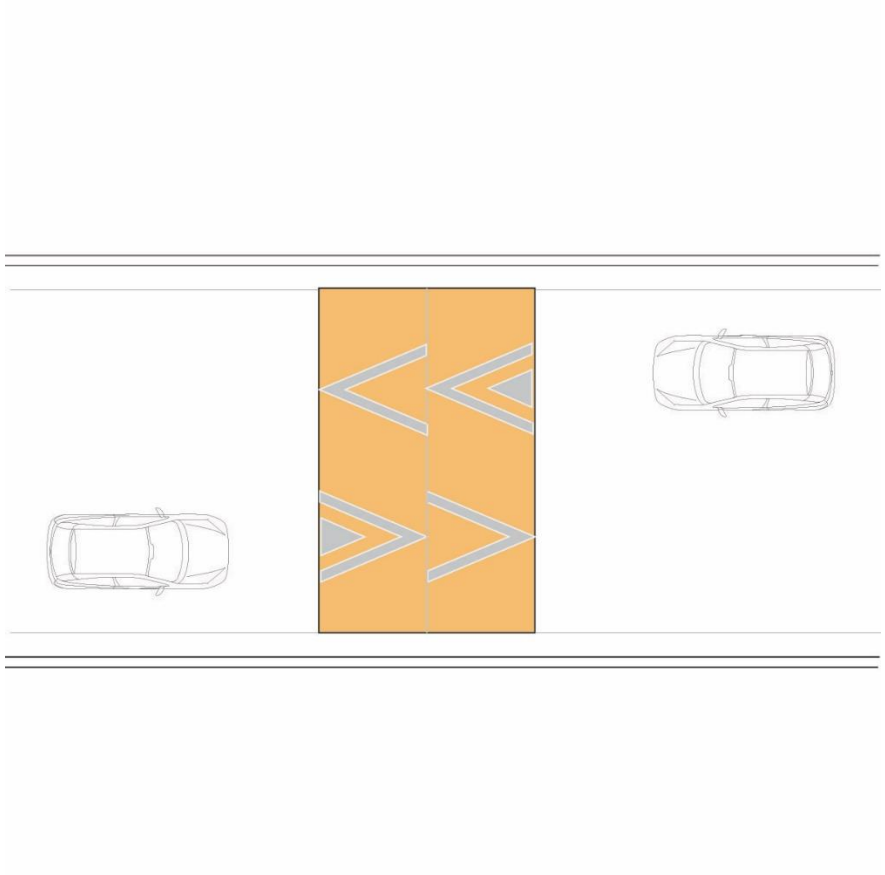
this device is under review by the engineering dept.

Raised Crosswalk

this device is under review by the engineering dept.

Raised Intersection

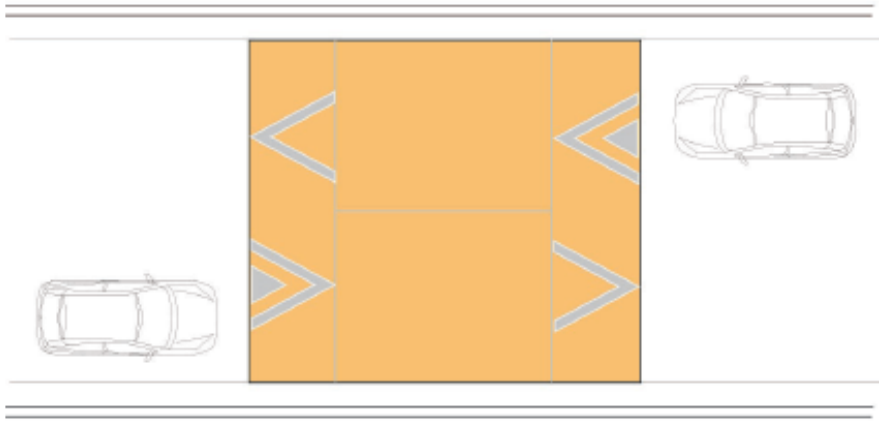
Things You Drive Over: Speed Humps





Example: Wells Street

Things You Drive Over: Speed Tables

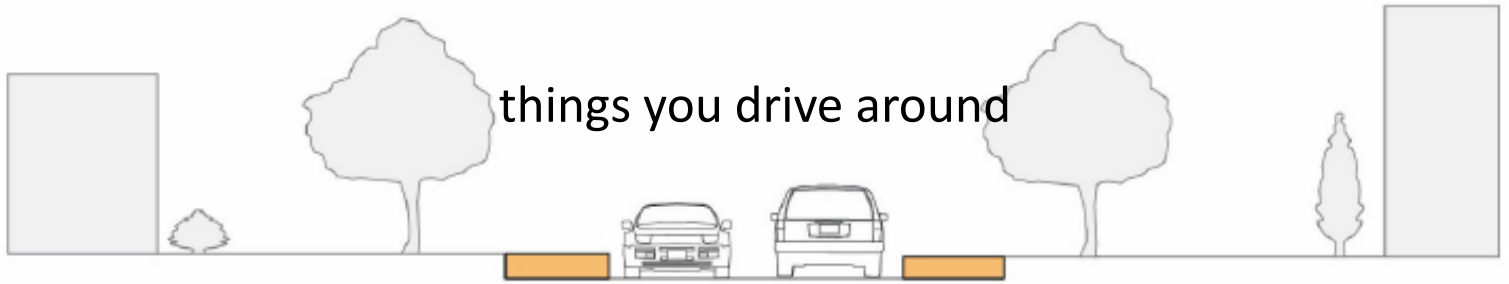


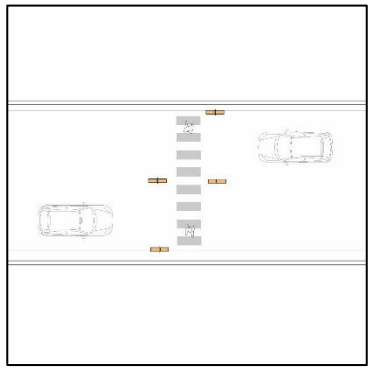


Example: Glenwood Road

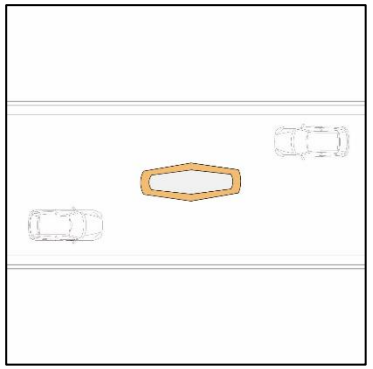
Questions?

Orientation: Device Toolbox

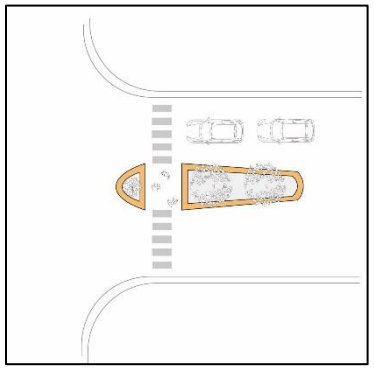




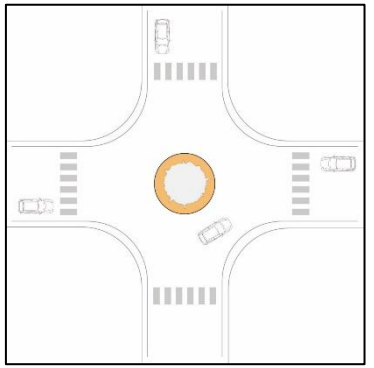
Pedestrian Gateway



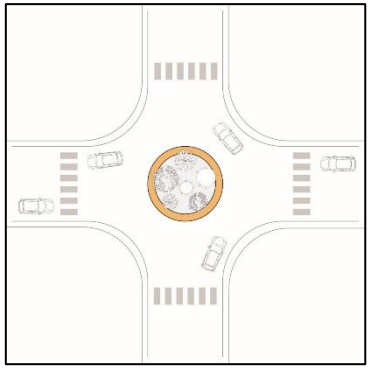
Median Island



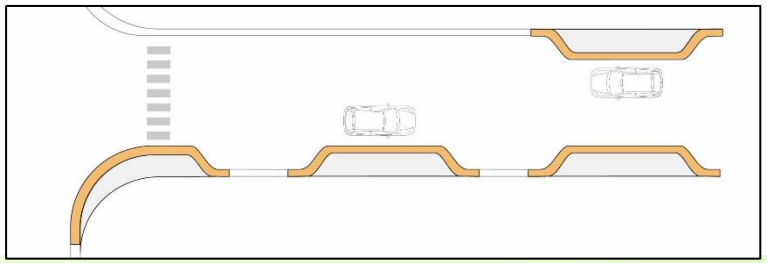
Pedestrian Island



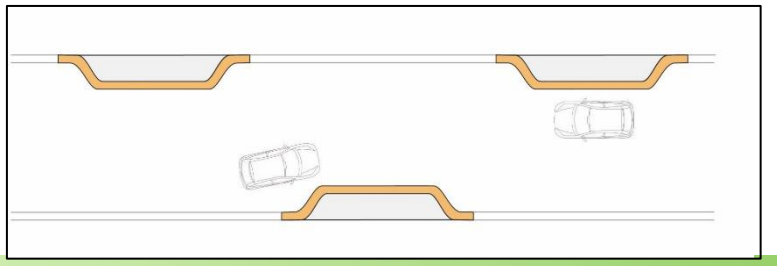
Residential Traffic Circle



Mini Roundabout

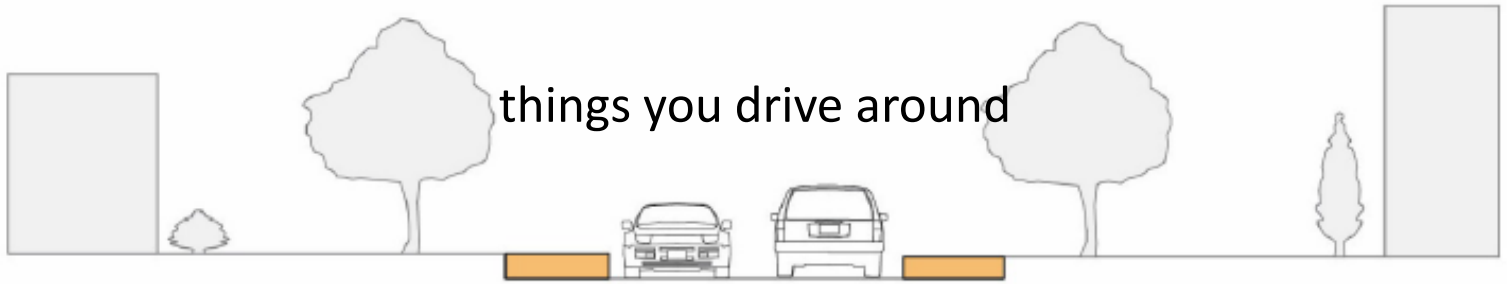


Curb Extensions

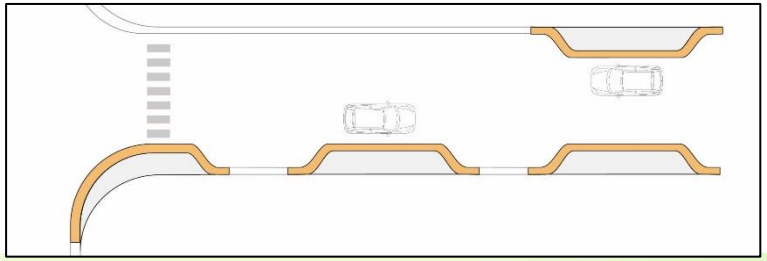


Chicanes

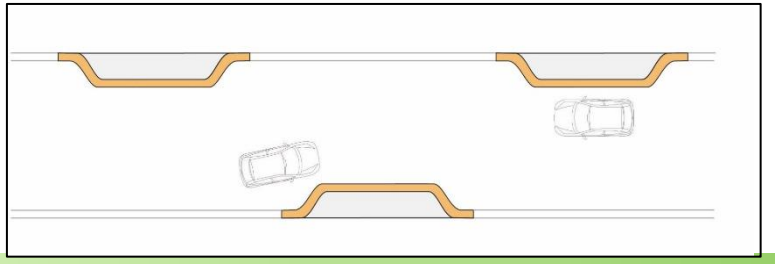
Orientation: Device Toolbox



street not wide enough for emergency vehicle clearance	street not wide enough for emergency vehicle clearance	street not wide enough for emergency vehicle clearance	street not wide enough for emergency vehicle clearance	street not wide enough for emergency vehicle clearance
Pedestrian Gateway	Median Island	Pedestrian Island	Residential Traffic Circle	Mini Roundabout

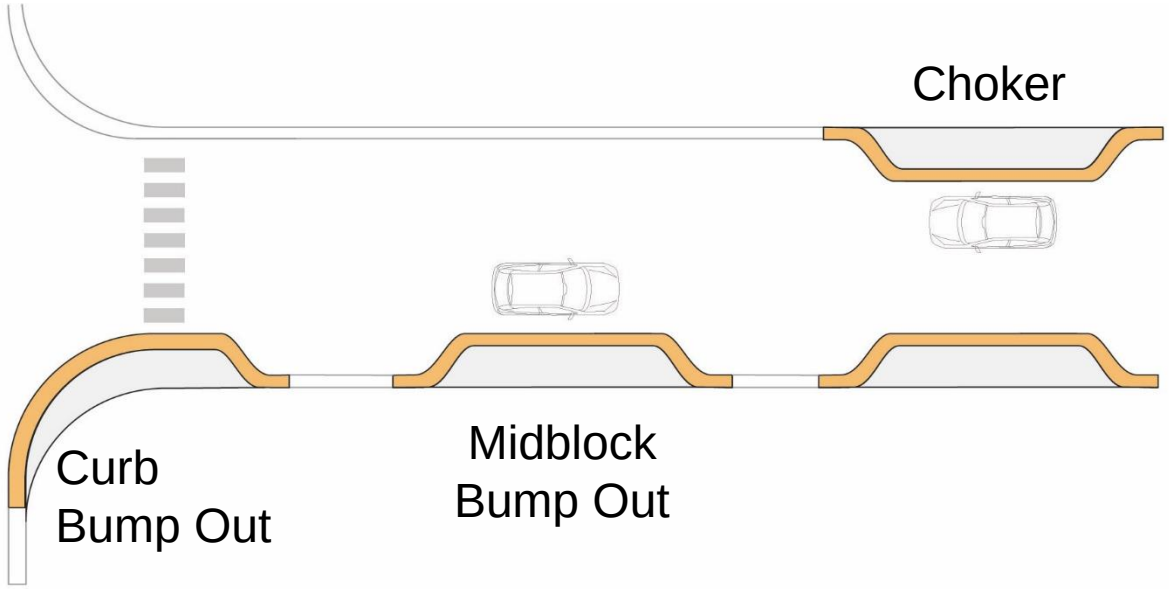


Curb Extensions



Chicanes

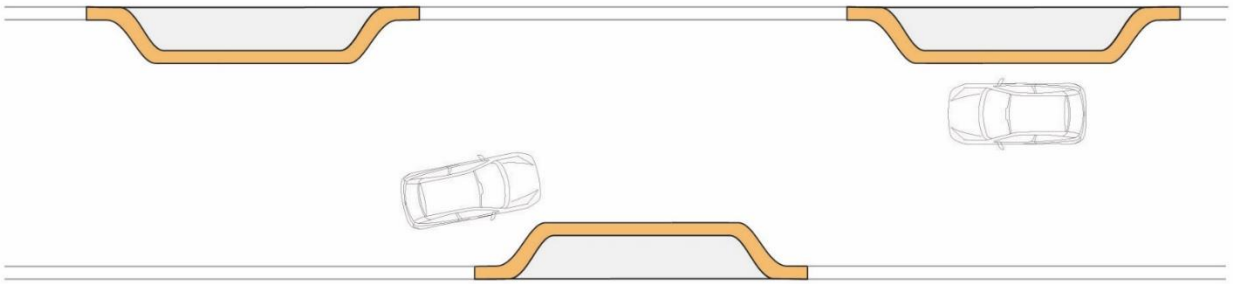
Things You Drive Around: Curb Extensions





Example: Granger Avenue Bump Out

Things You Drive Around: Chicanes

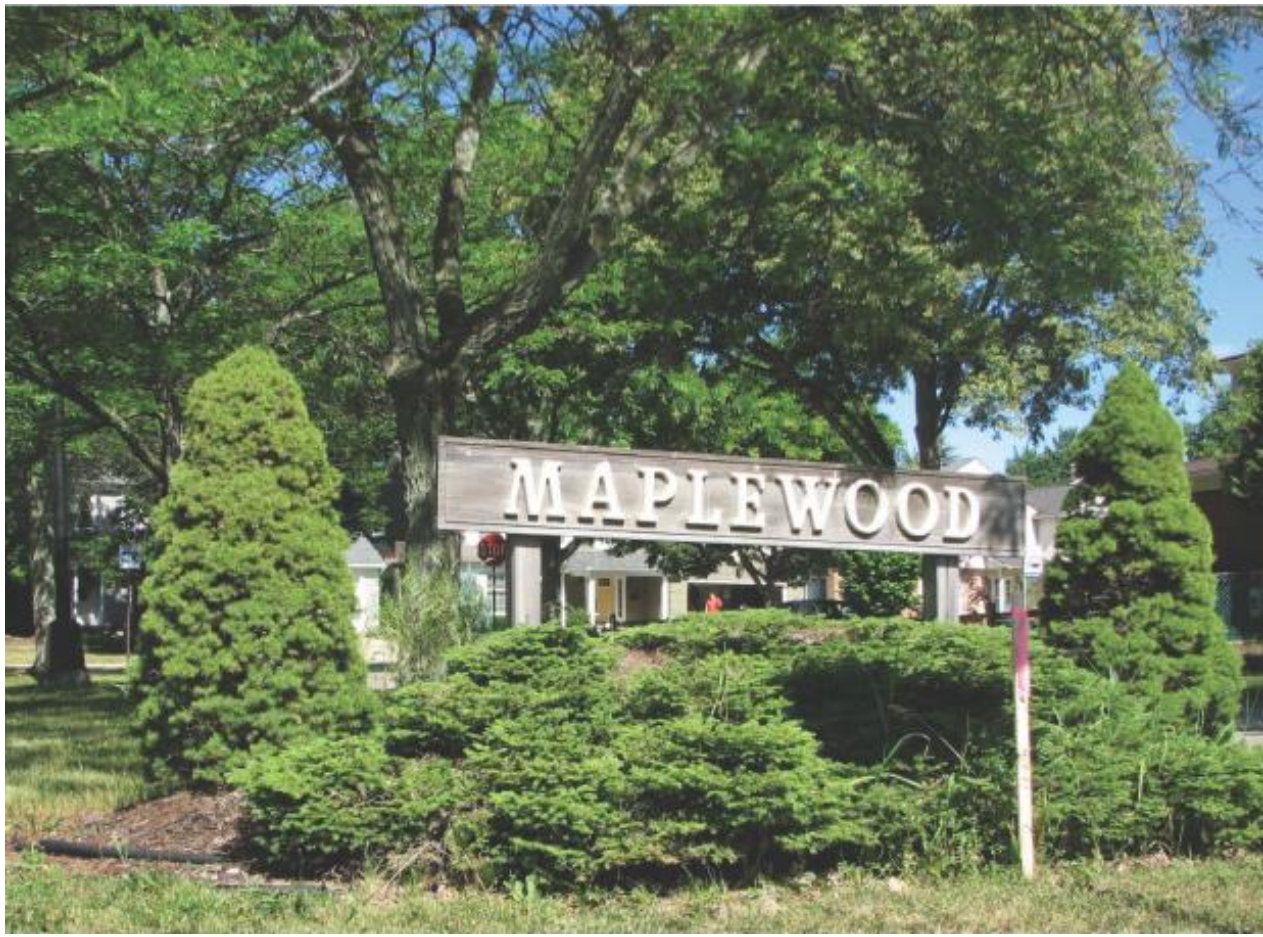




Example: Virginia Department of Transportation

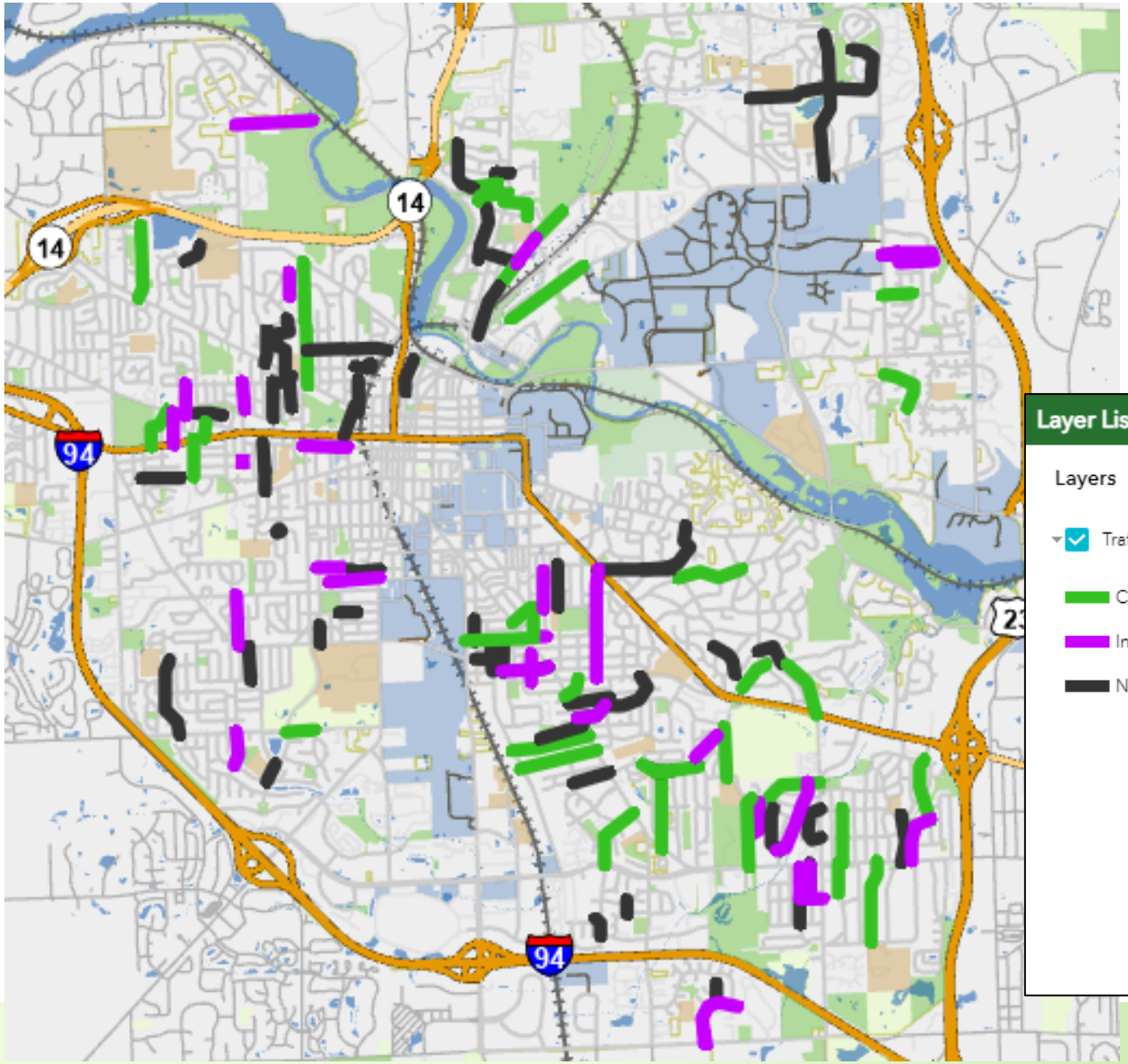
Other Devices: Neighborhood Gateway Treatment





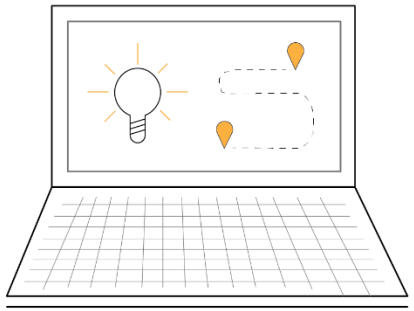
Questions?

Ann Arbor Traffic Calming Projects

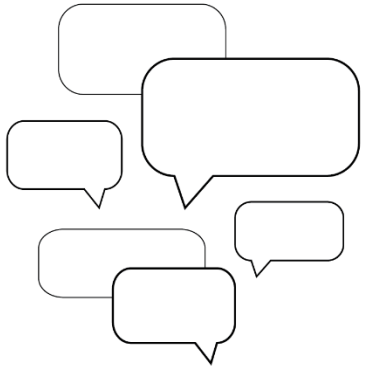


Interactive map online: a2gov.org/TrafficCalming

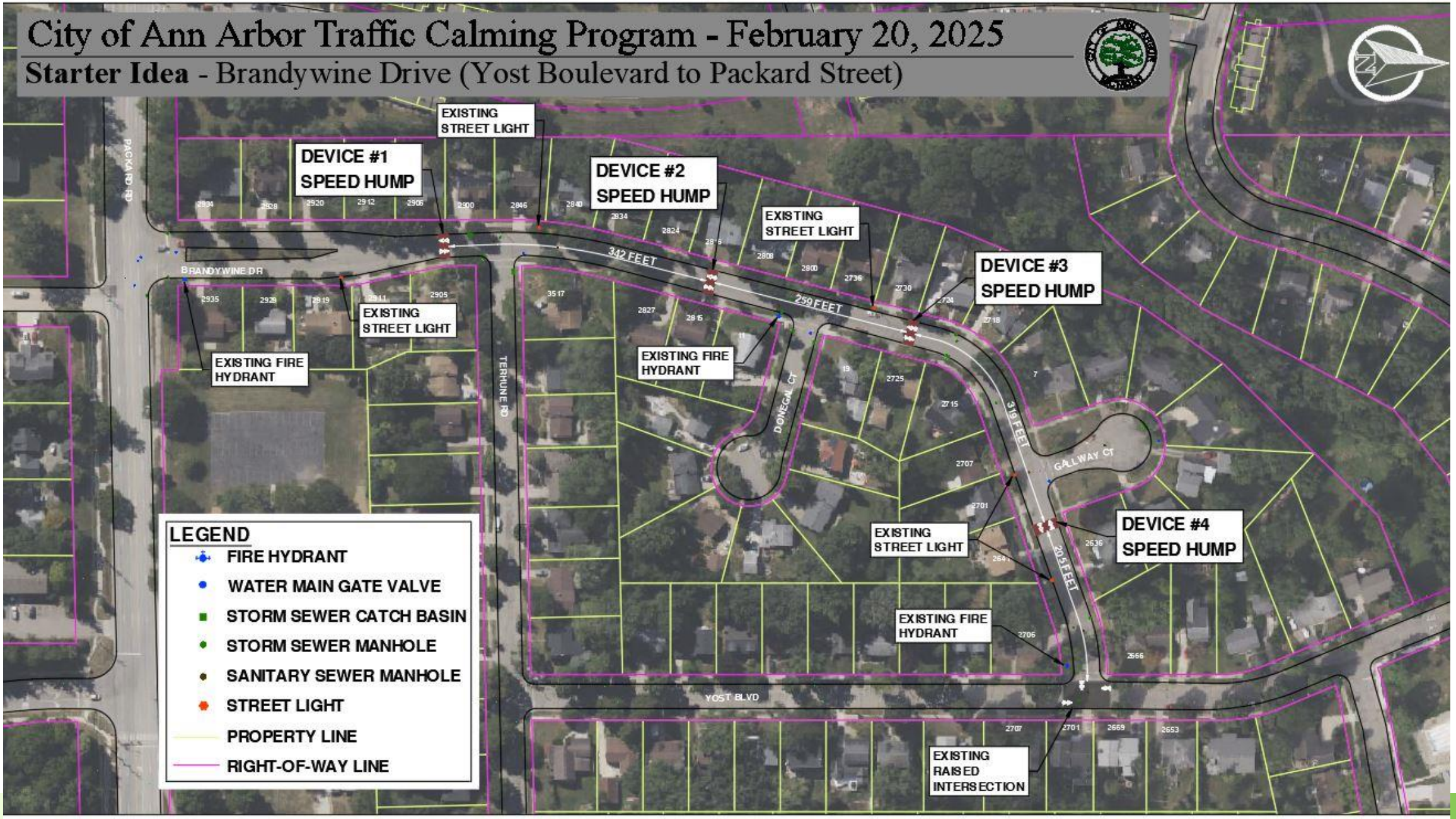
Feedback Exercise



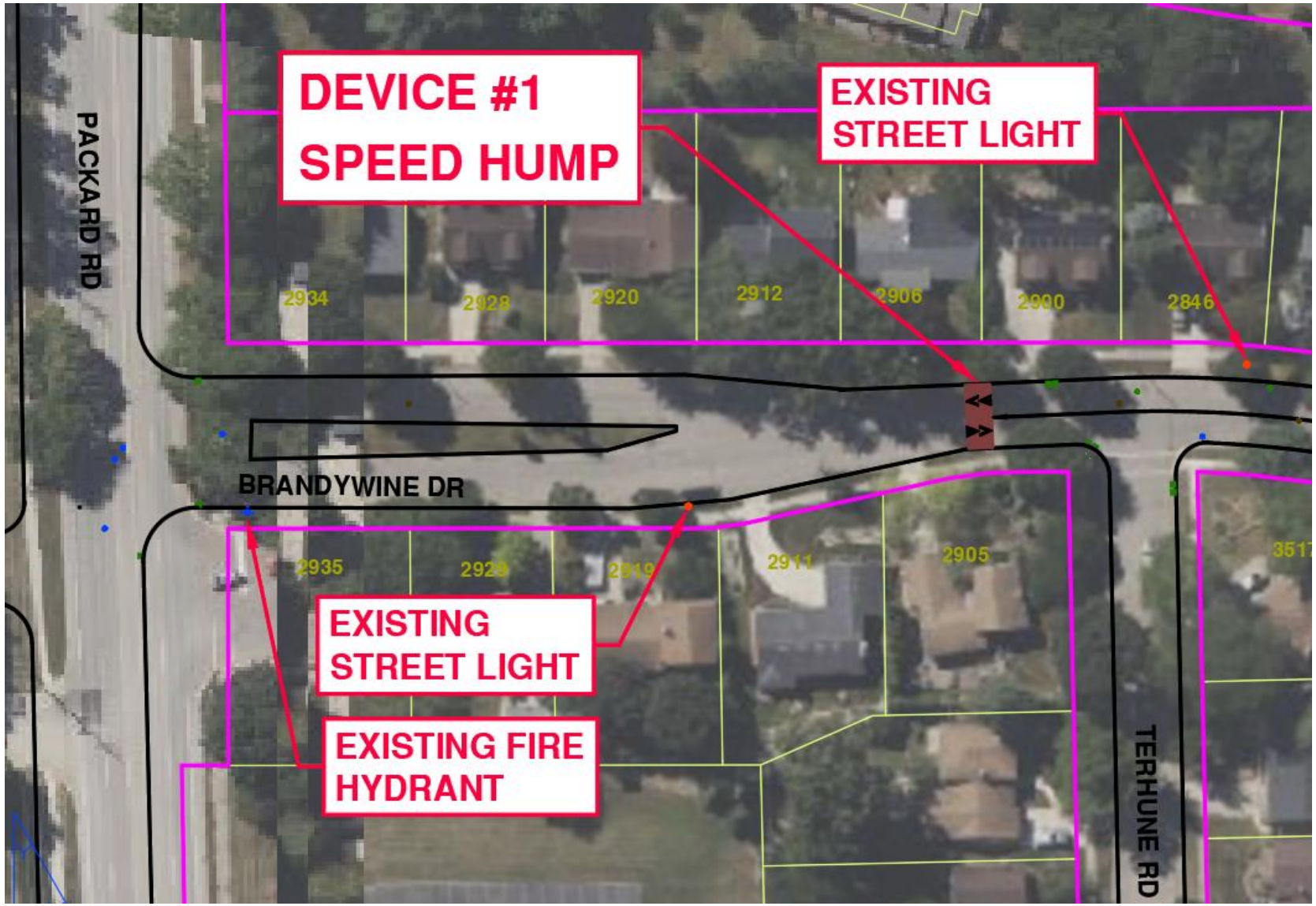
Present Starter Idea



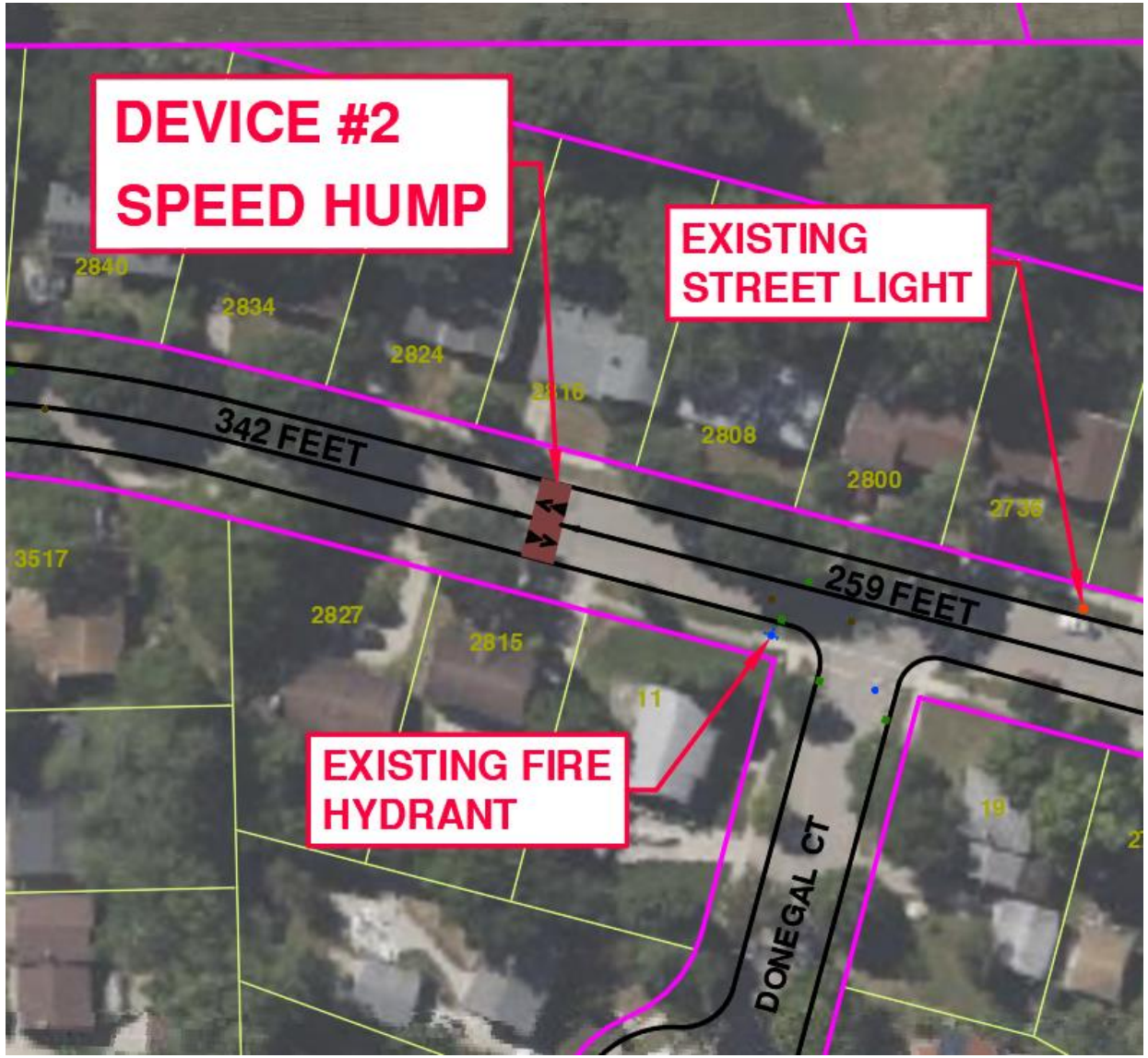
Discussion and feedback about each device type and location


City of Ann Arbor Traffic Calming Program - February 20, 2025
Starter Idea - Brandywine Drive (Yost Boulevard to Packard Street)
EXISTING STREET LIGHT
DEVICE #1 SPEED HUMP
DEVICE #2 SPEED HUMP
EXISTING STREET LIGHT
DEVICE #3 SPEED HUMP
342 FEET
259 FEET
319 FEET
205 FEET
PACKARD RD
BRANDYWINE DR
TERRUNE RD
DONEGAL CT
GALLWAY CT
YOST BLVD
EXISTING STREET LIGHT
EXISTING FIRE HYDRANT
EXISTING FIRE HYDRANT
EXISTING STREET LIGHT
DEVICE #4 SPEED HUMP
EXISTING FIRE HYDRANT
EXISTING RAISED INTERSECTION
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

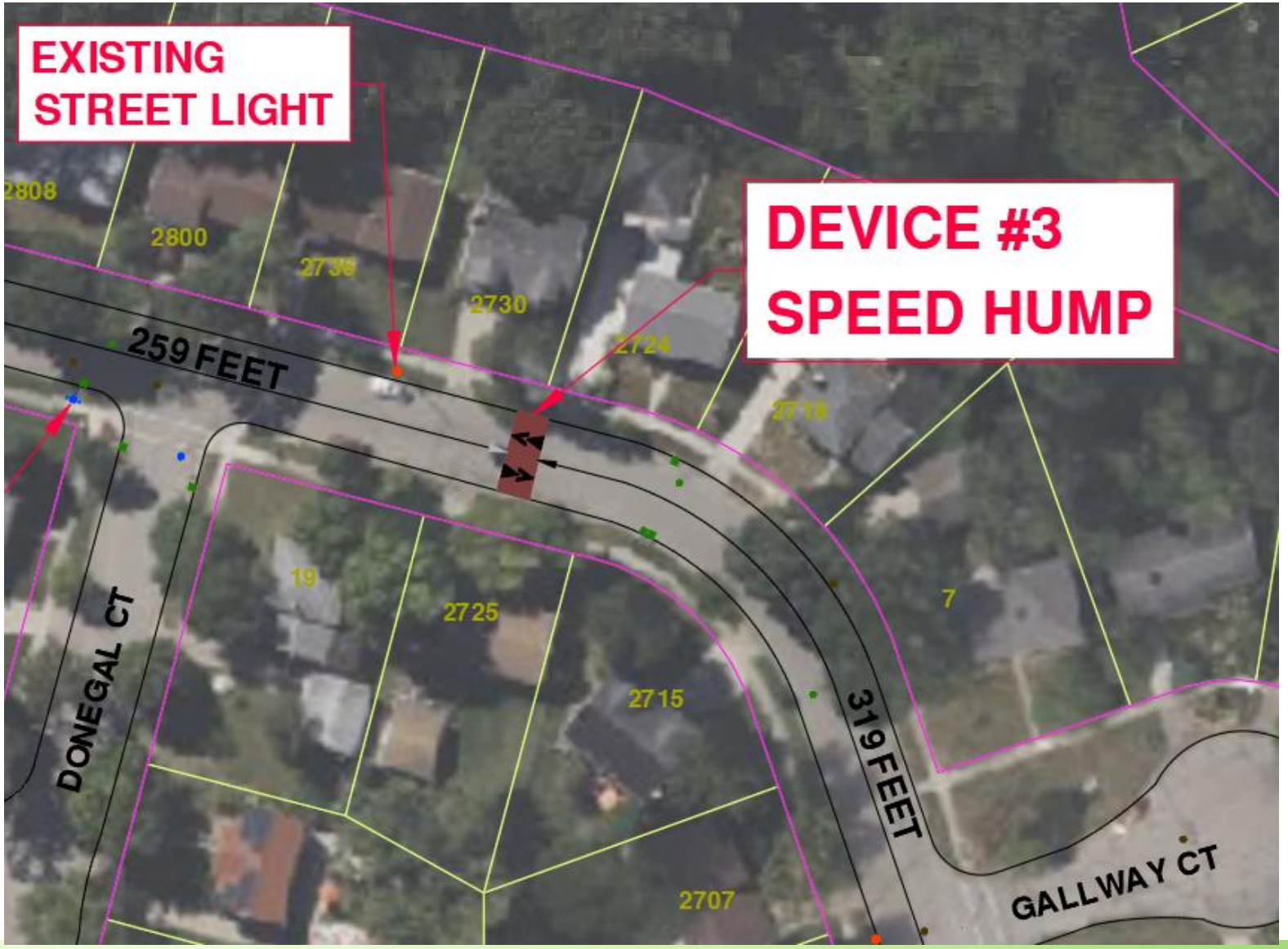
Device #1: Speed Hump



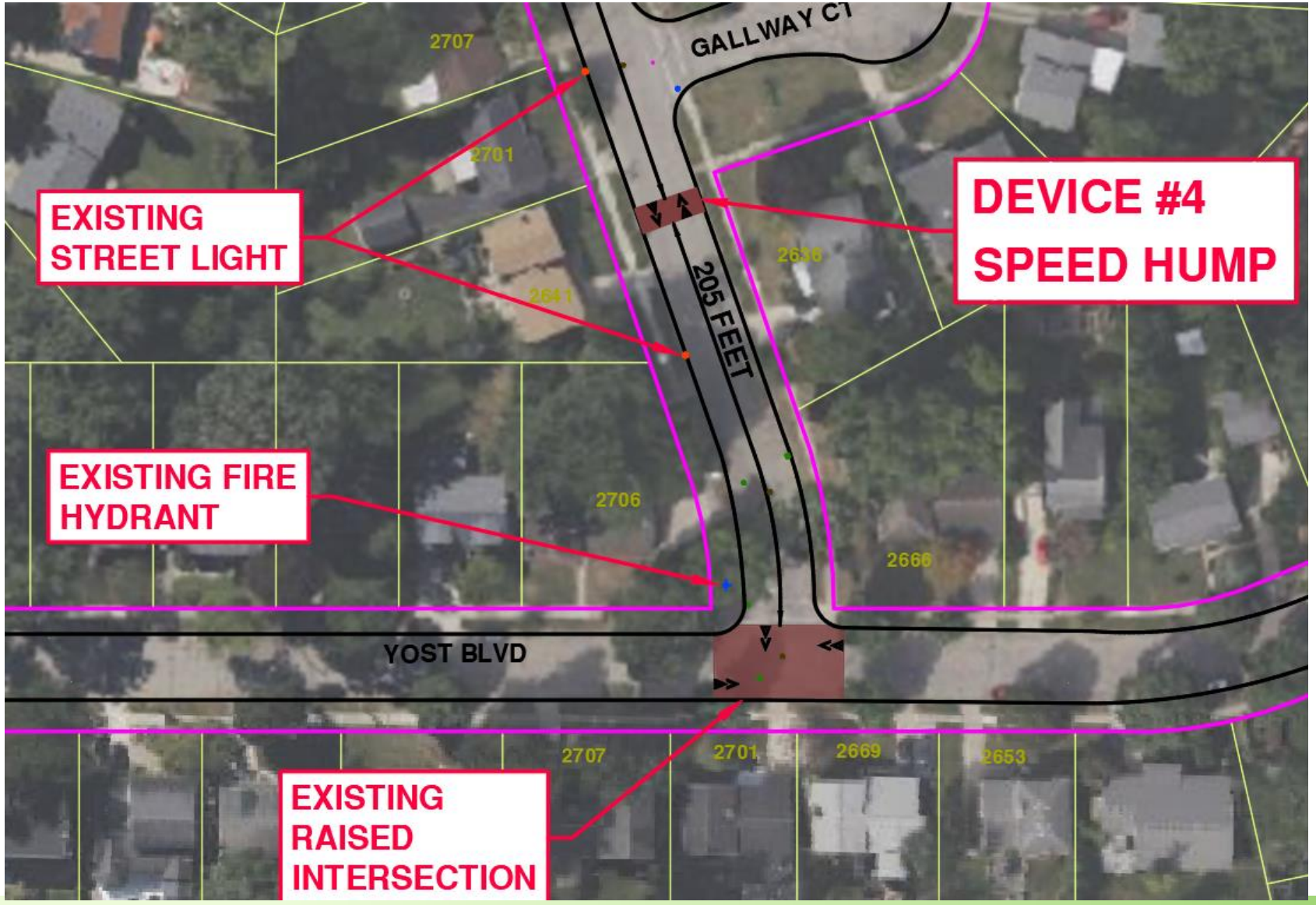
Device #2: Speed Hump



Device #3: Speed Hump



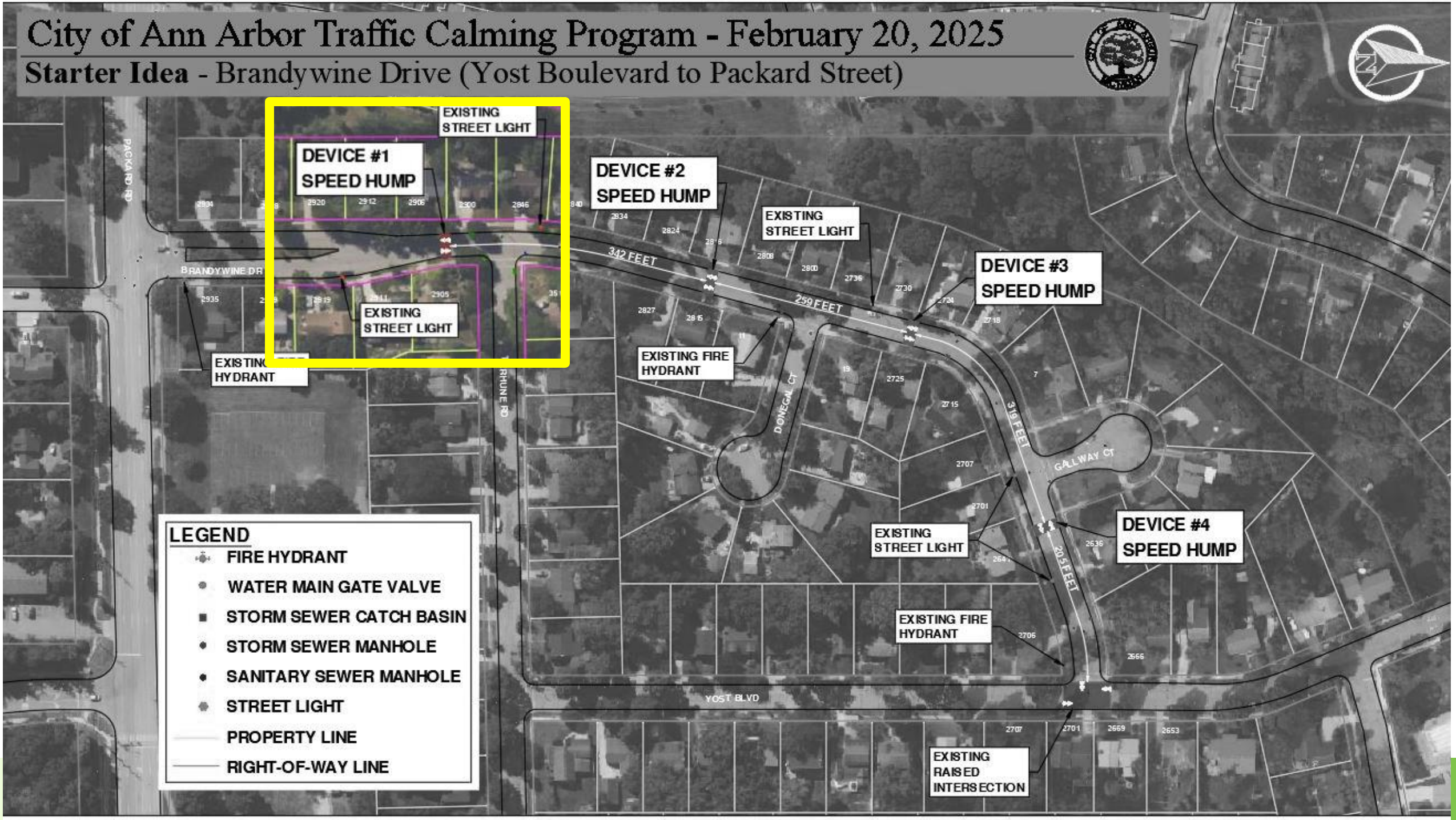
Device #4: Speed Hump



Polling

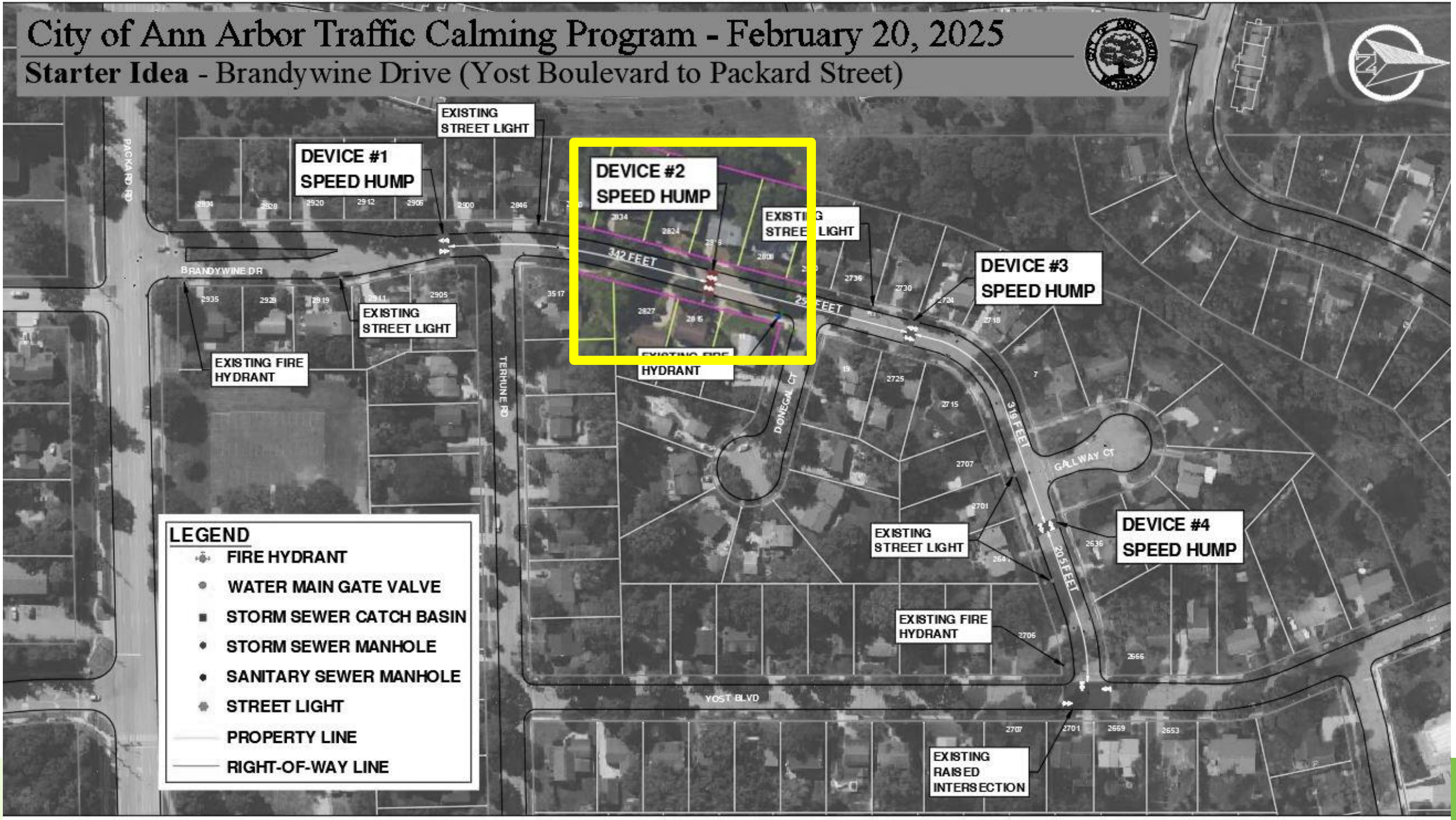
City of Ann Arbor Traffic Calming Program - February 20, 2025

Starter Idea - Brandywine Drive (Yost Boulevard to Packard Street)



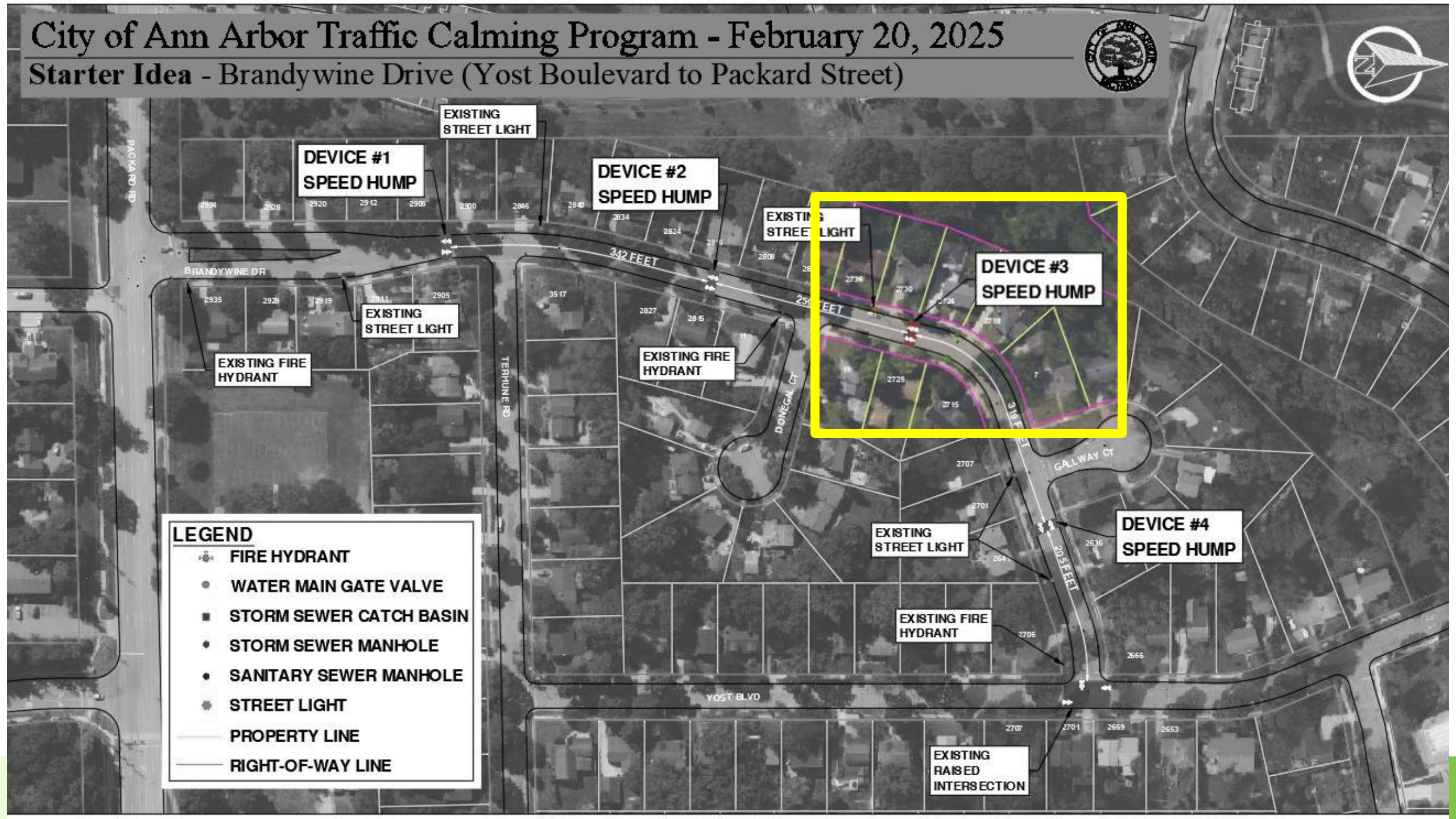
City of Ann Arbor Traffic Calming Program - February 20, 2025

Starter Idea - Brandywine Drive (Yost Boulevard to Packard Street)



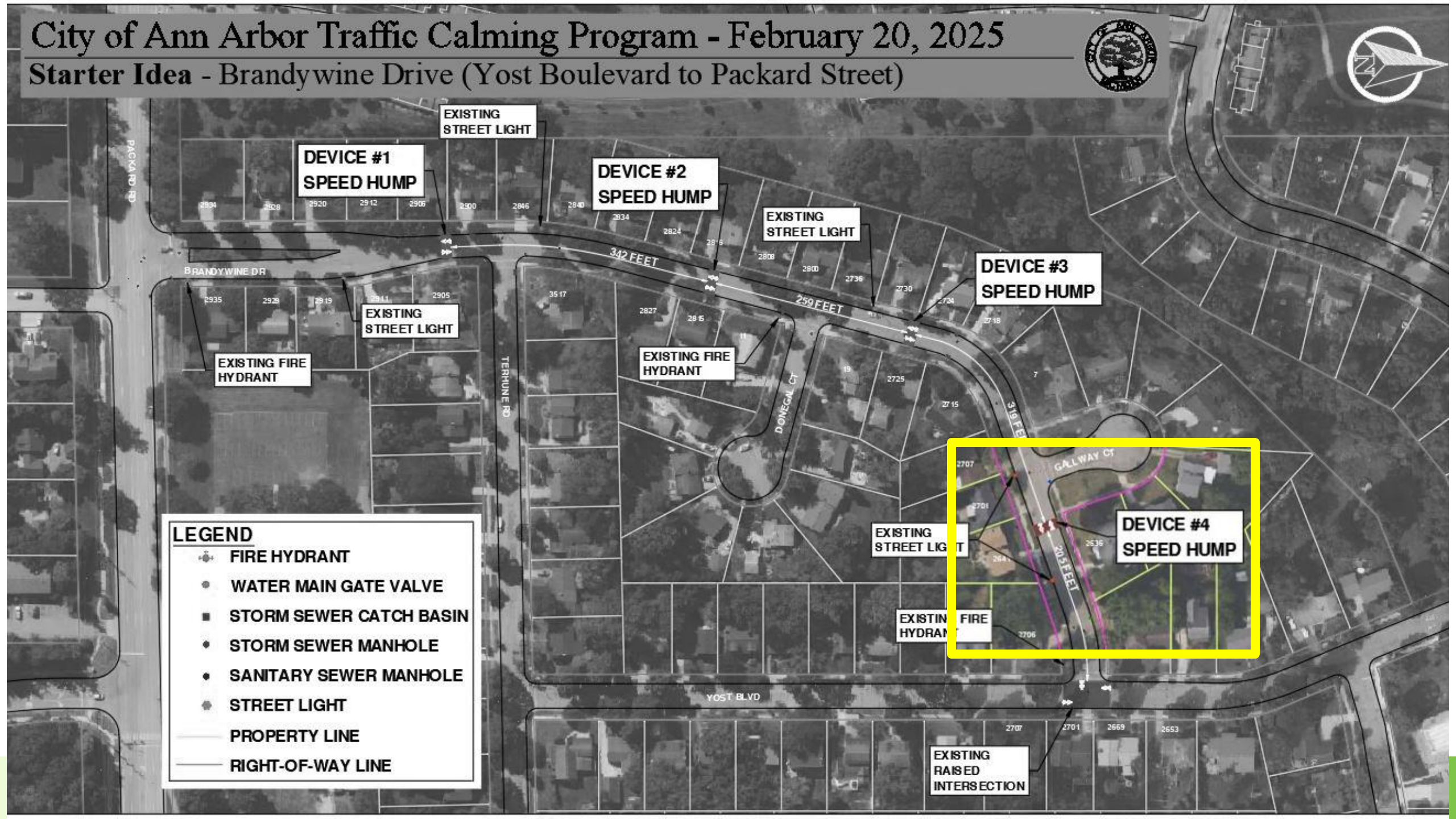
City of Ann Arbor Traffic Calming Program - February 20, 2025

Starter Idea - Brandywine Drive (Yost Boulevard to Packard Street)

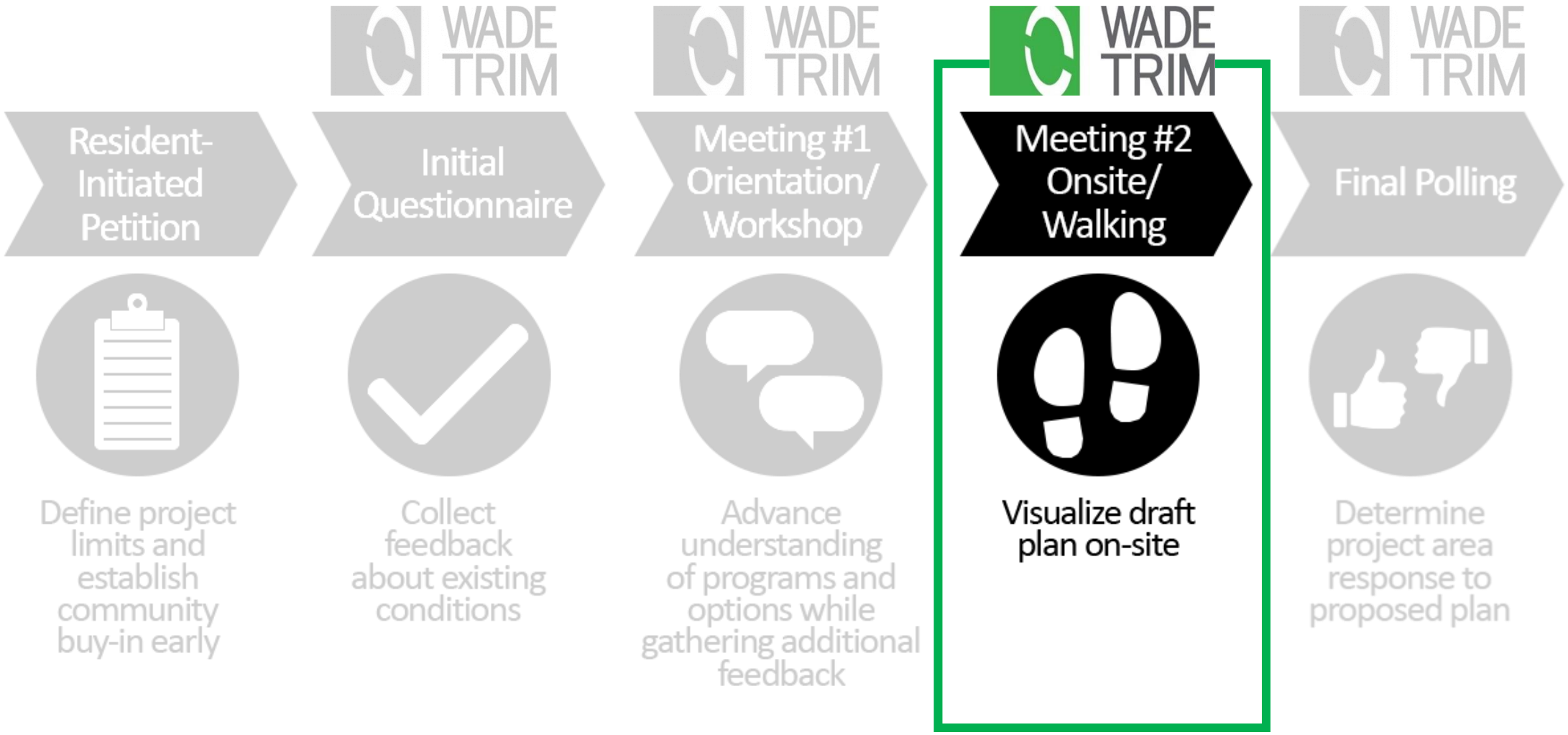


City of Ann Arbor Traffic Calming Program - February 20, 2025

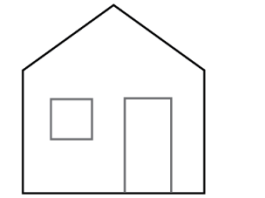
Starter Idea - Brandywine Drive (Yost Boulevard to Packard Street)



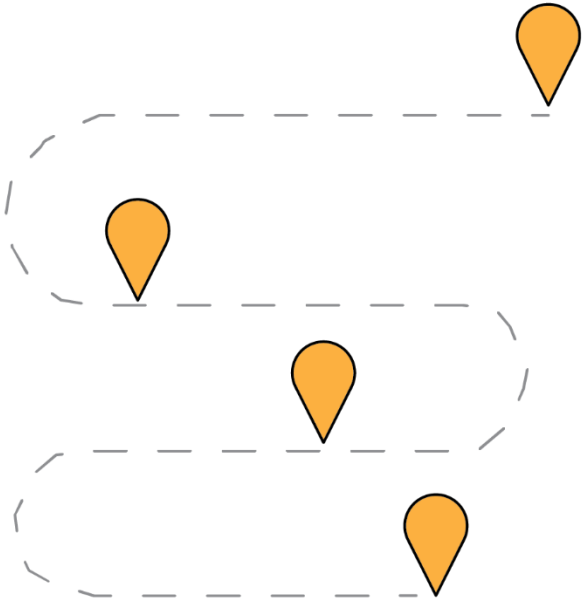
Step 4: Self-Guided Tour/Meeting #2



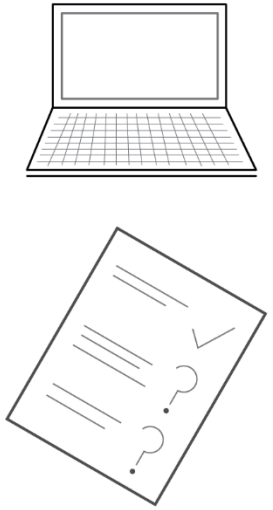
Self-Guided Tour



Review mailing packet

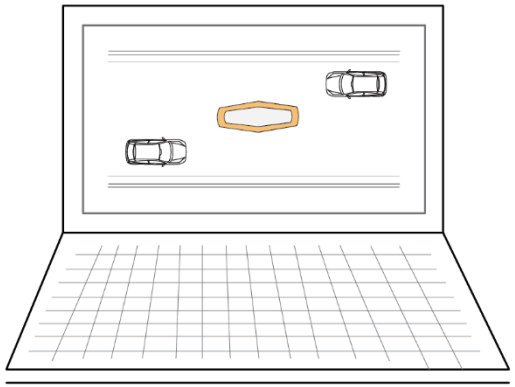


Visit locations

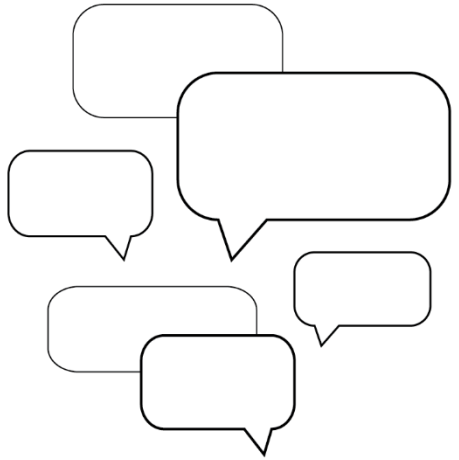


Bring questions to electronic meeting

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

Next Steps

Date	
May 1	Meeting #2 from 6:00 pm – 7:30 pm
June 3	Final Polling Card will be mailed to project area addresses
June 23	Deadline to electronically complete or postmark final polls
July 7	Results posted to project website

Thank you!

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Email: cjaenisch@wadetrim.com

Project Website: url.a2gov.org/TCBrandywineYP