




Traffic Calming Program

Fernwood Avenue (Lorraine Street – Packard Street)

Meeting Agenda

- 
- I. Welcome & Introductions (10 min)
 - II. Traffic Calming Process (60 min)
 - Petition (5 min)
 - Initial Questionnaire & Feedback Exercise (10 min)
 - Meeting #1
 - i. Device Toolbox (15 min)
 - ii. Project Area Ideas & Feedback Exercise (30 min)
 - Meeting #2 (5 min)
 - Final Polling (5 min)
 - III. Next Steps (5 min)

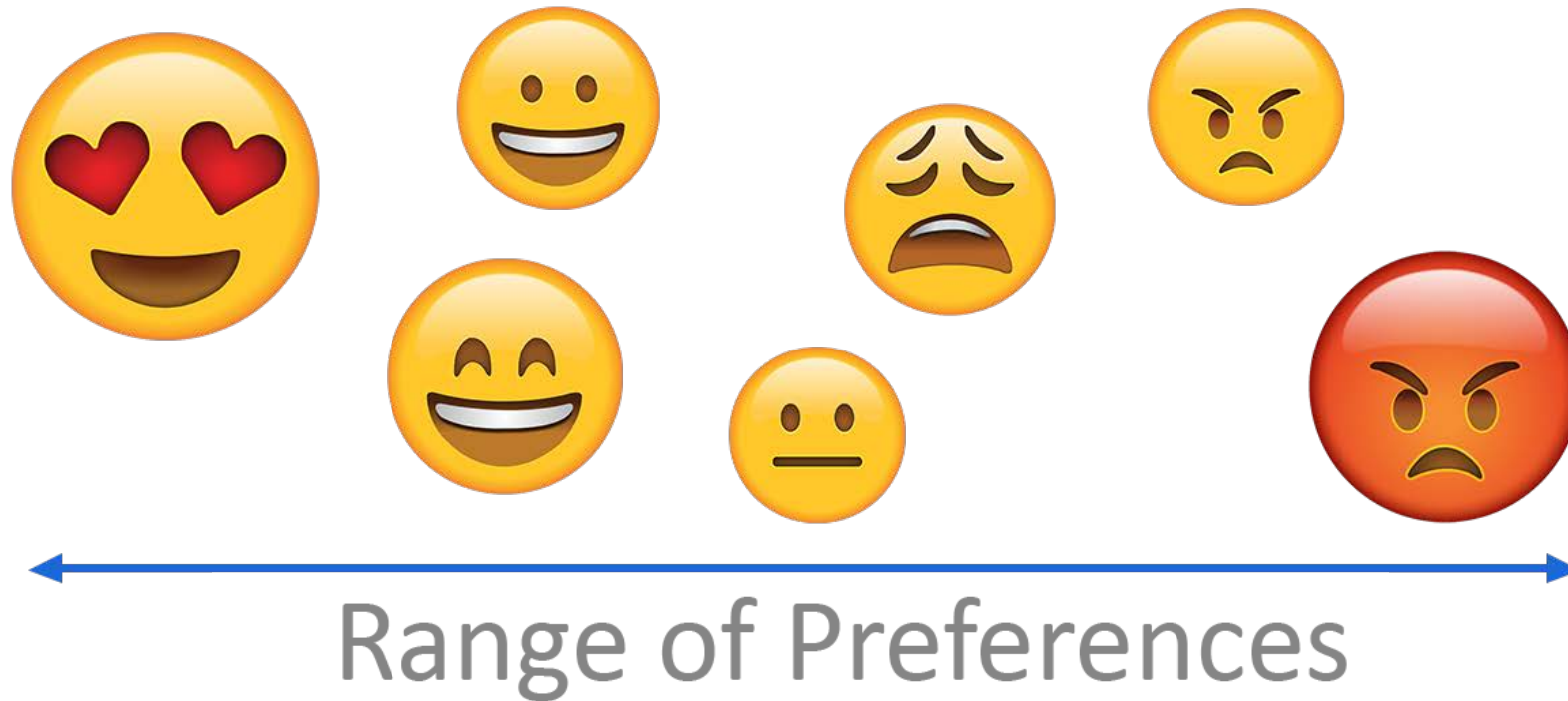


Introductions

Discussion Guidelines

- Be recognized to talk.
- Speak loudly and clearly so everyone can hear.
- One speaker and one point at a time.
- Allow everyone a chance to speak before a repeat speaker.
- Be respectful of other ideas and perspectives.
- Please do not make personal attacks/accusations.

What to Expect



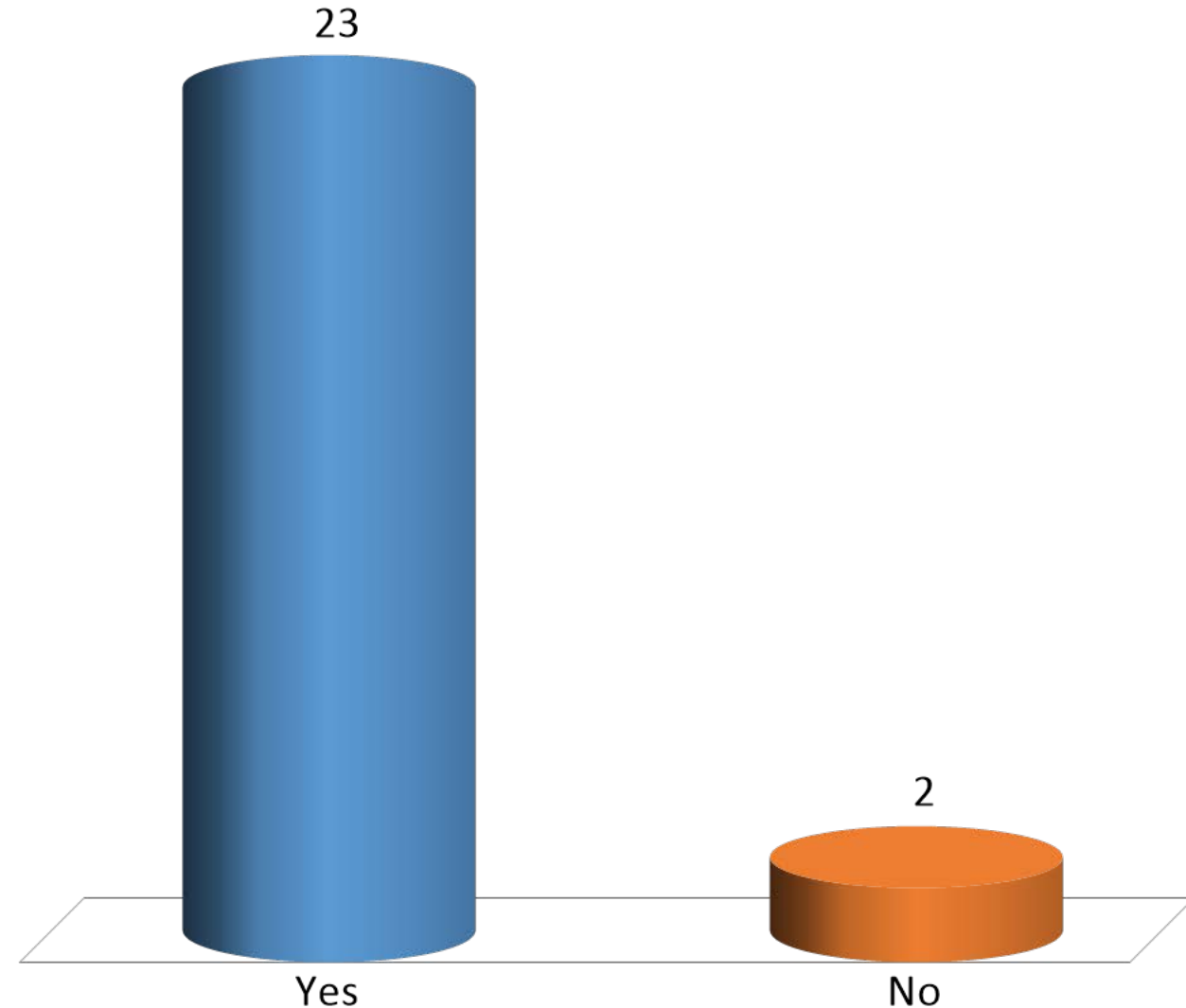
Polling Guidelines for Meeting #1

- Use the provided polling device to make a selection.
- Please do not make a polling selection until instructed to do so.
- Polling is anonymous.
- There are no wrong answers.
- Results will be displayed after each question closes.

Do you live in the designated project area
(Fernwood from Packard to Lorraine)?

A. Yes

B. No



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.”

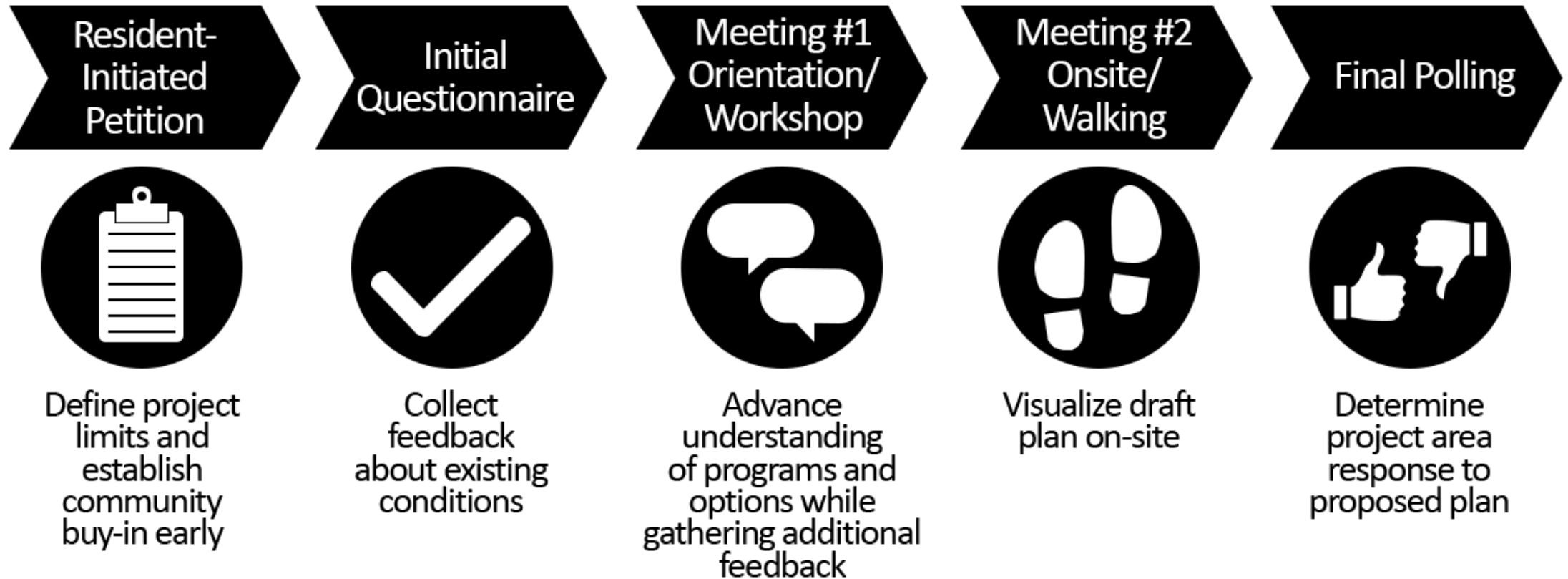
Lockwood, Ian. *Institute of Transportation Engineers (ITE) Traffic Calming Definition.*

ITE Journal, July 1997, pg. 22.



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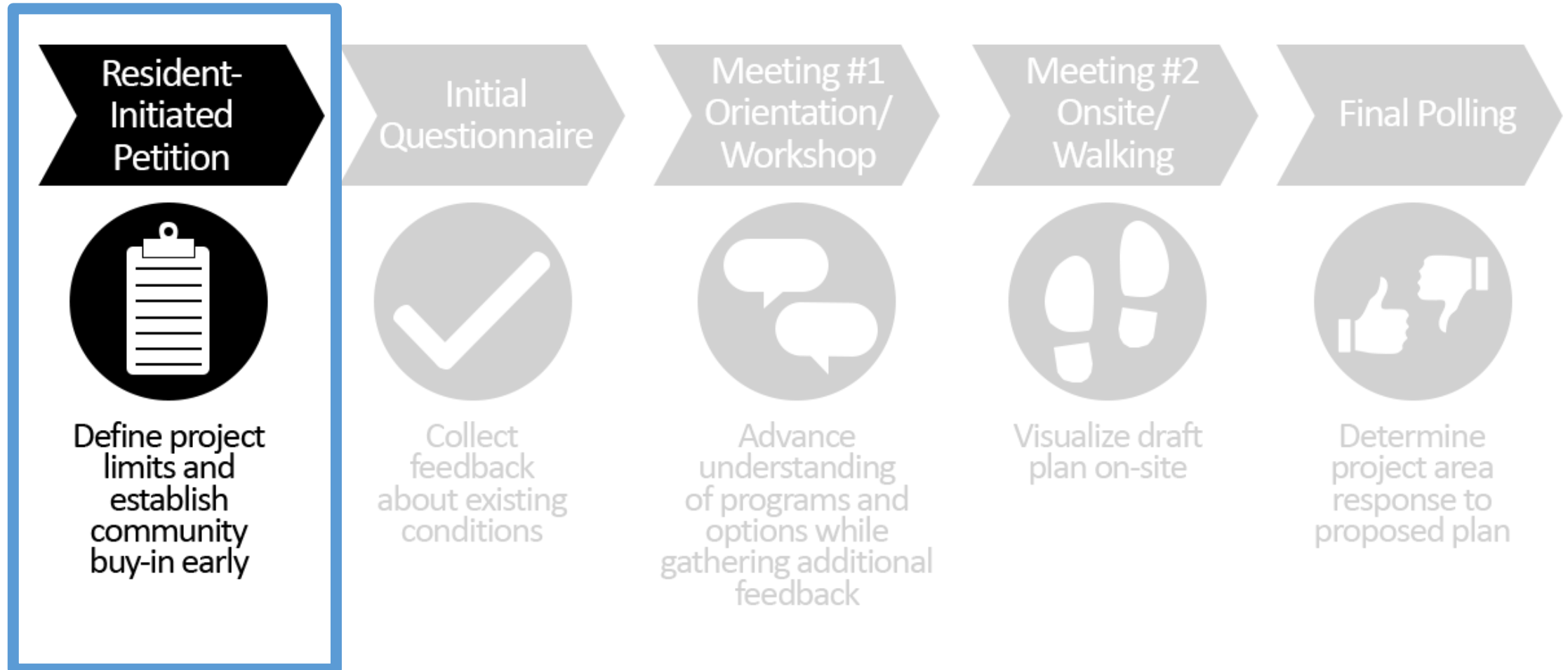
City Council approved 5 step Program





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Project Start

- Resident selected project area
- Resident circulated petition
- **Qualification Criterion:** Petition must include the signature from a representative (renter or owner) of at least 50% of addresses within the area of interest.
- **Project Area met the Petition criteria.**

Petition for Traffic Calming Measures



Street or area: If street, from which street: to which street:
Contact name: Phone: Contact address: Email:

By signing this petition, I am showing my support for the above mentioned street or area to be investigated for potential traffic calming projects. I understand 50% of the residents with frontage on that street must show support to have the street evaluated for traffic calming projects.

Signature	Print name	Address	Date	Email Address (optional)

Please note:

1. Petitioners are encouraged to contact TrafficCalming@a2gov.org to discuss project area to help ensure a successful traffic calming process.
2. Traffic calming program criteria require that this petition include signatures from 50% of residents with frontage on the street within the proposed project area.
3. Only one signature per address will be counted in tallying qualification criteria.
4. By legibly providing your email address you will be added to a distribution list for this project. You may request removal at any time.

Please feel free to attach additional pages if necessary. For more information please visit a2gov.org/trafficcalming

Qualification Criteria Matrix

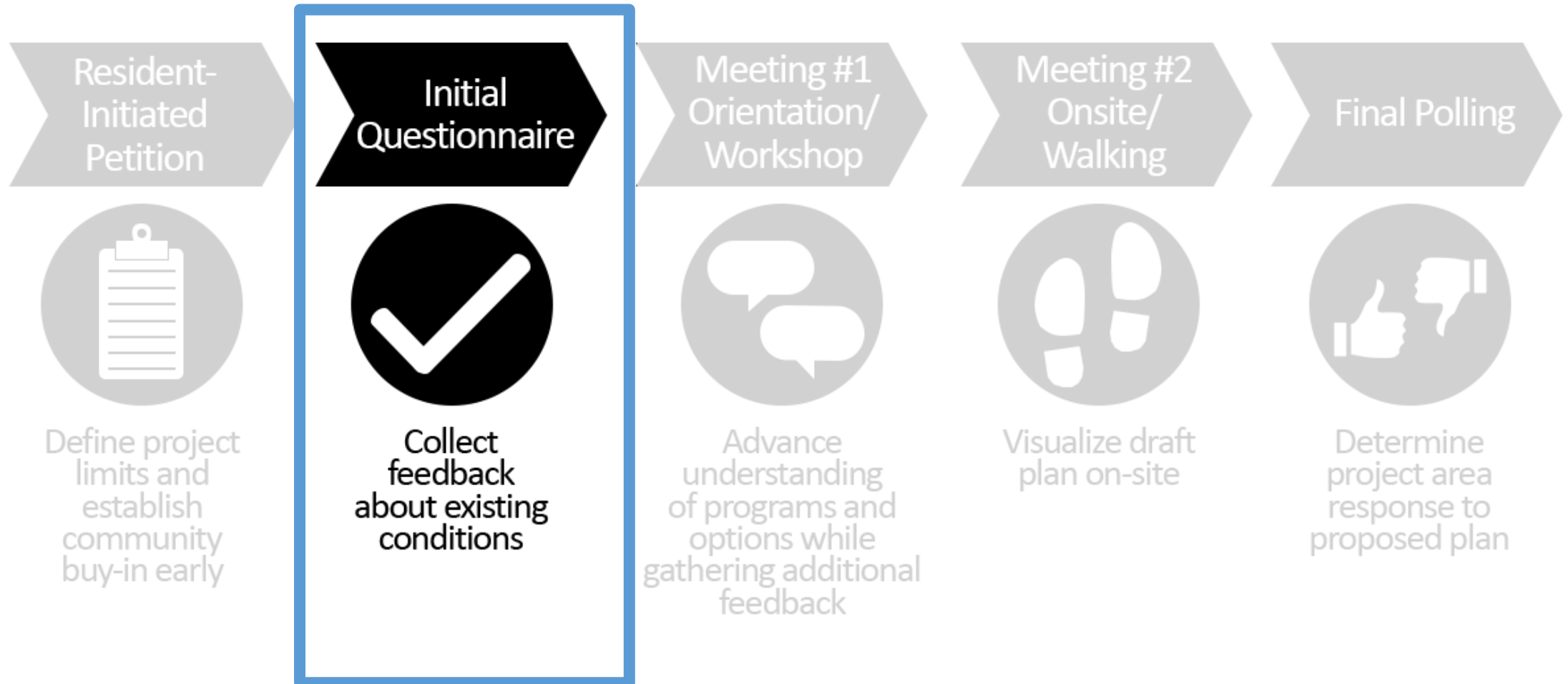
- Scoring: Award points in an incremental basis
- Qualification Criterion: 10 point minimum
- **Project Area met the criteria.**

Criteria	Range	Points
Qualifying Petition Support (one signature per household)	<50% does not qualify	
	50 - 75 %	3
	76 - 90 %	5
	> 90%	7
85th Percentile Speed	<25 mph	-1
	25 mph	0
	26 - 27 mph	3
	28 - 30 mph	5
	> 30 mph	10
Percent Violators	0 - 30%	0
	31 - 50%	5
	> 50%	10
Average Daily Traffic (ADT)	<=250 vehicles	0
	251 - 500	1
	501 - 750	2
	751 - 1000	3
	1001 - 1500	4
	1501+	5
Speed Related Crash History (5 years)	No	0
	Yes	5
School Travel (max 5 pts) *defined by school	Outside of walk radius*	0
	Inside of walk radius*	2 each
	School property adjacent to project	5
	Published priority school walk route	
	Petition aligned with Safe Routes to School Committee Workplan	
Major Pedestrian Generators (e.g., park, library, shopping plaza, senior housing, community center, bus stop.) (max 3 pts)	Adjacent to corridor	3
	Within 1/8 mi. of project area	1 each
	Within 1/4 mi. of project area	1/2 each



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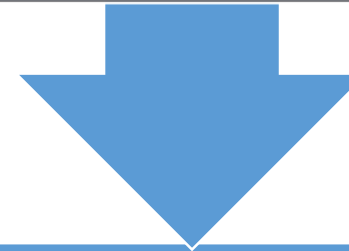
Initial
Questionnaire
Package

Packet Includes:

Letter

Guidebook

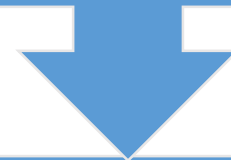
Initial
Questionnaire



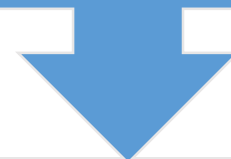
**Qualification Criterion: At
least 50% of responses
support moving forward.**

Initial
Questionnaire
Results

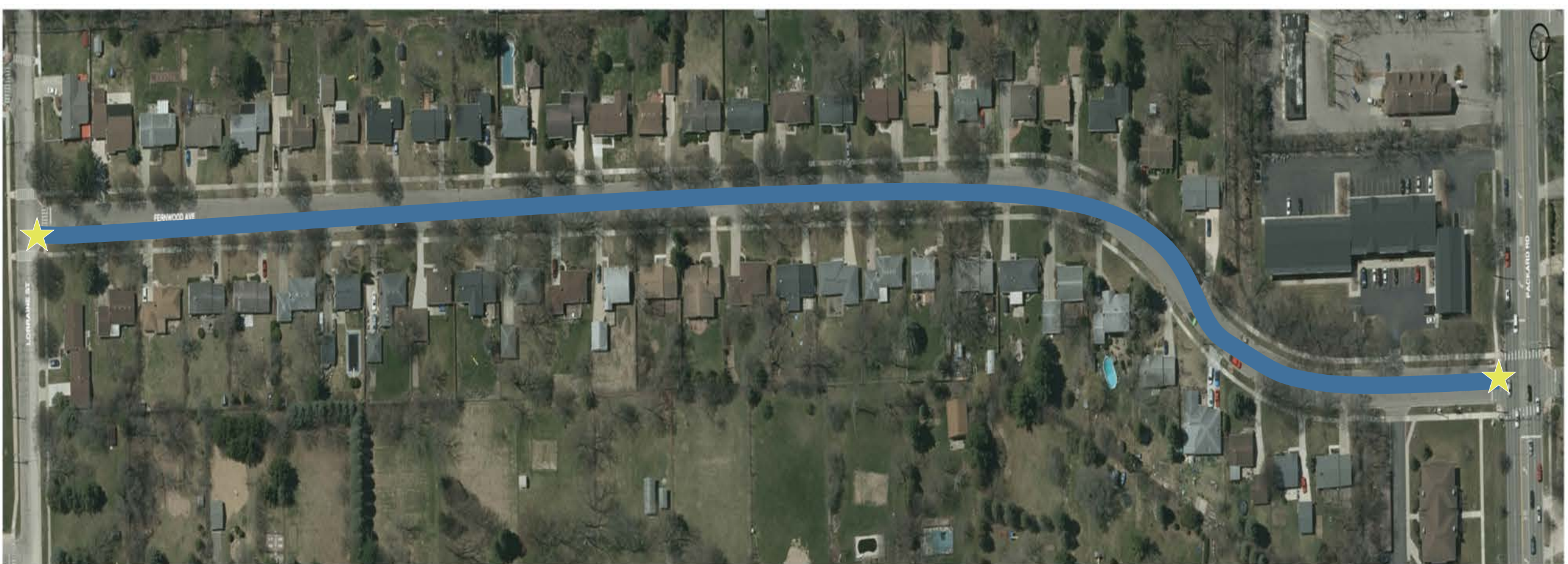
120 Initial Questionnaires Mailed



30 Received back




83% of the questionnaire responses supported moving forward

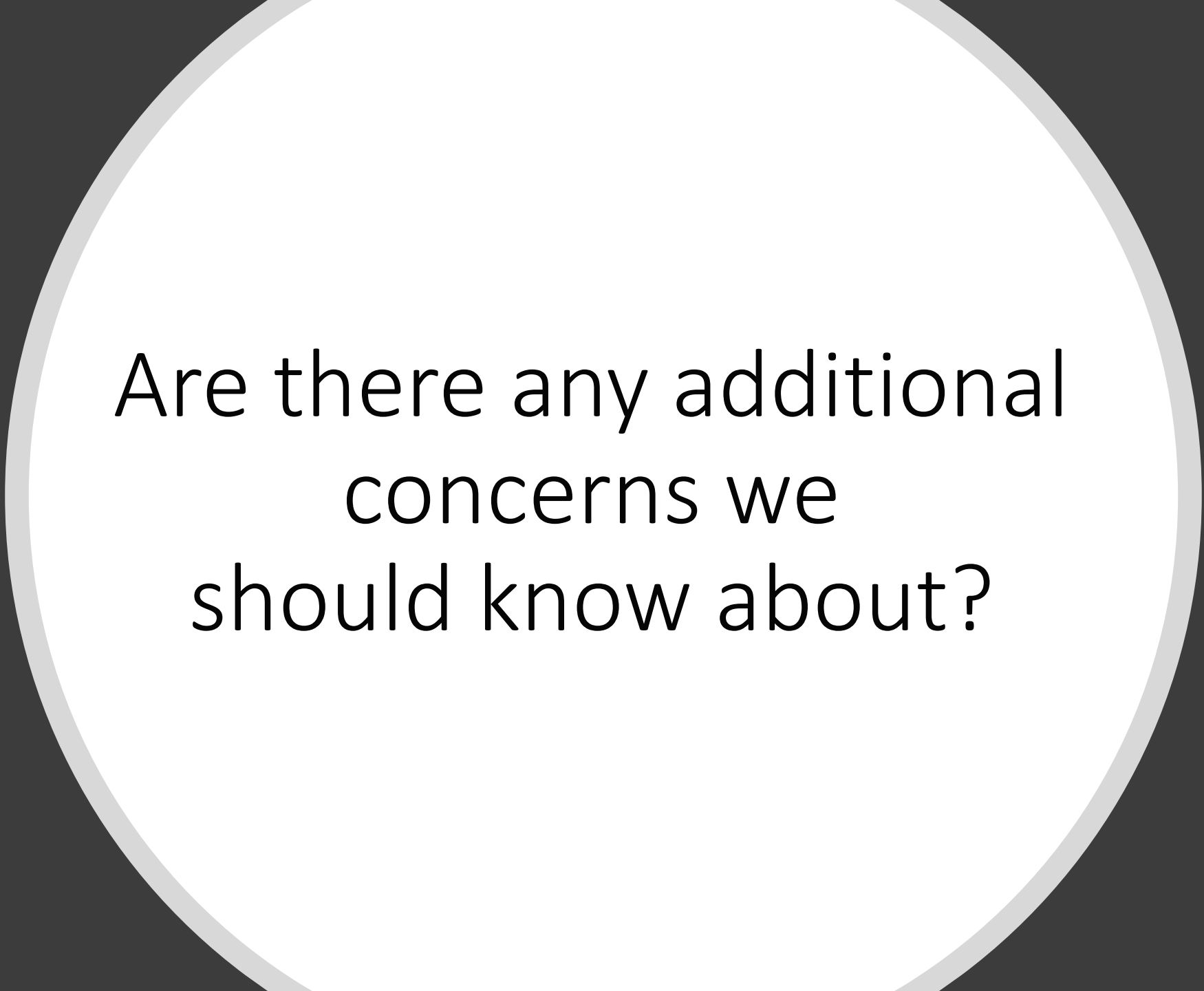


Initial Questionnaire Summary

Detailed summary at a2gov.org/TCFernwood

 Speeding Concerns

 Important Pedestrian Crossings

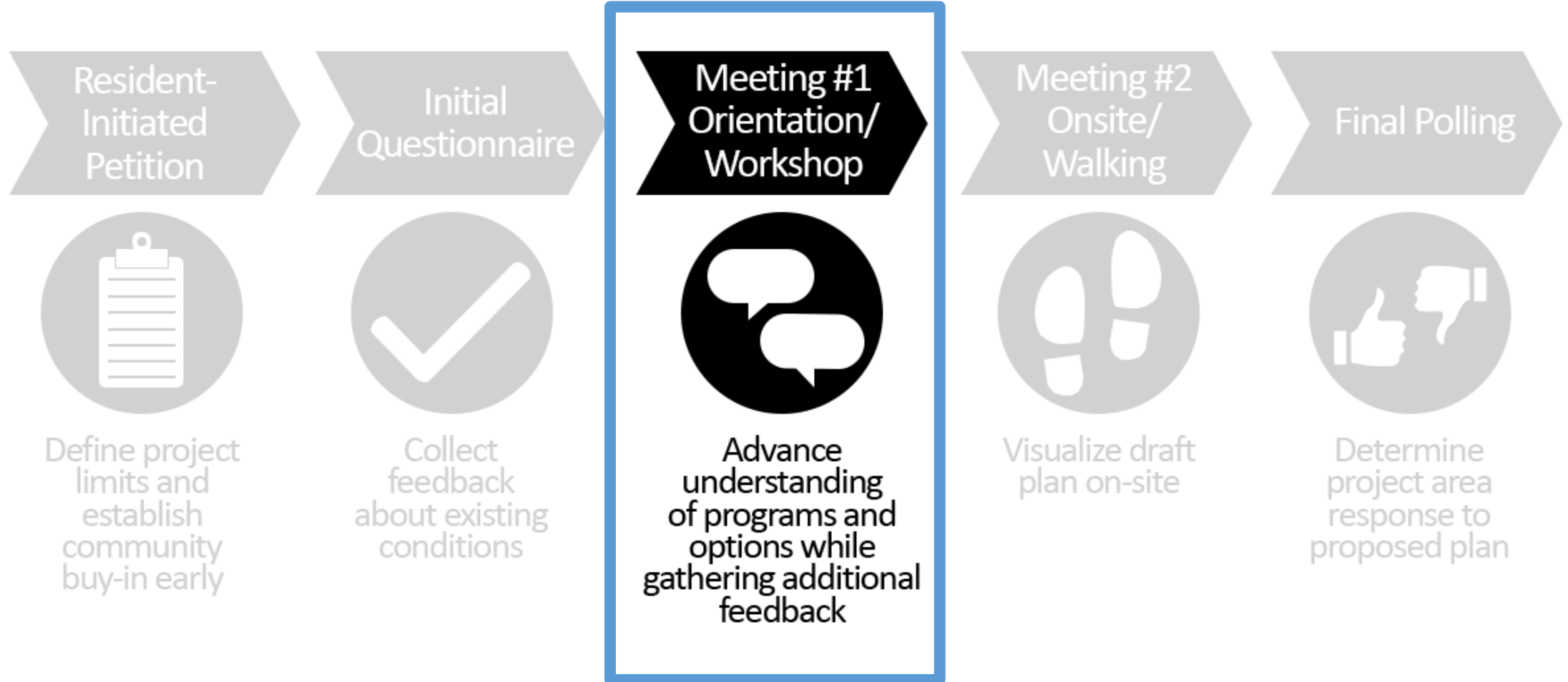


Are there any additional
concerns we
should know about?

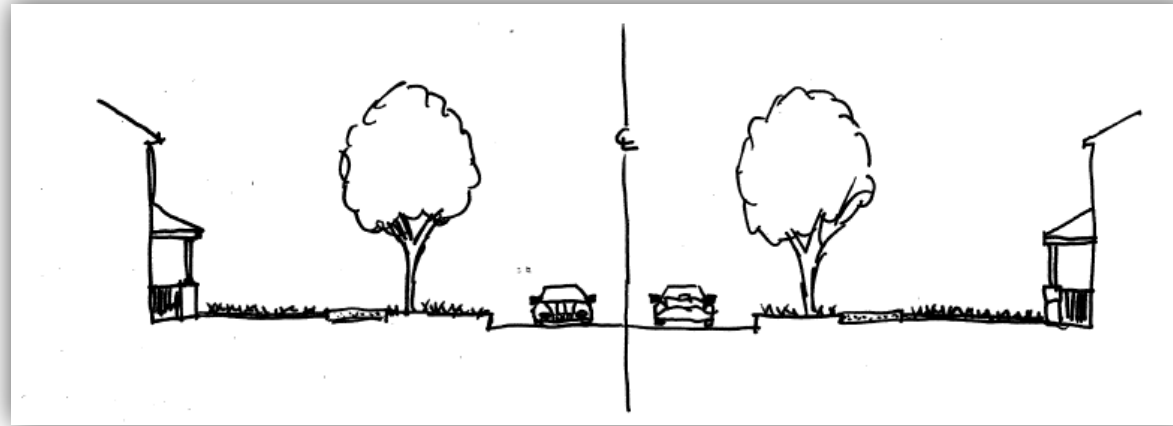


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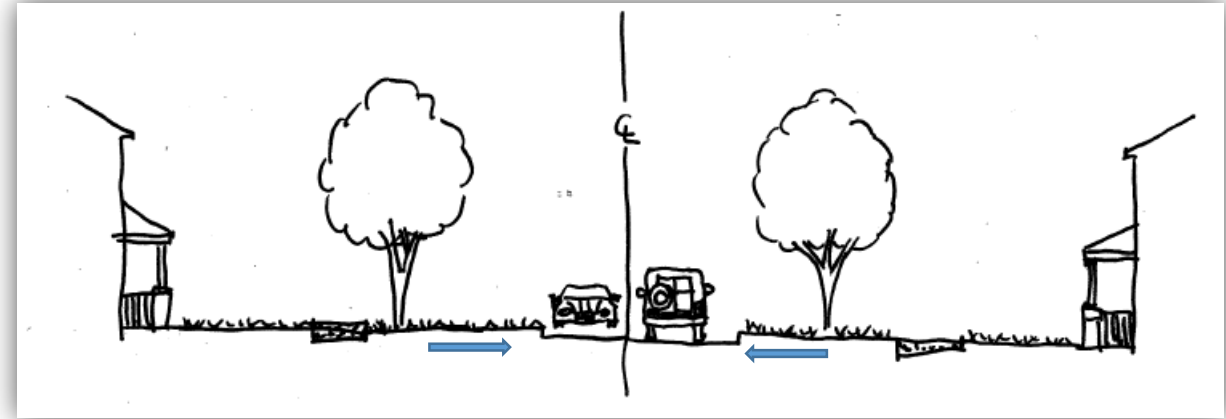
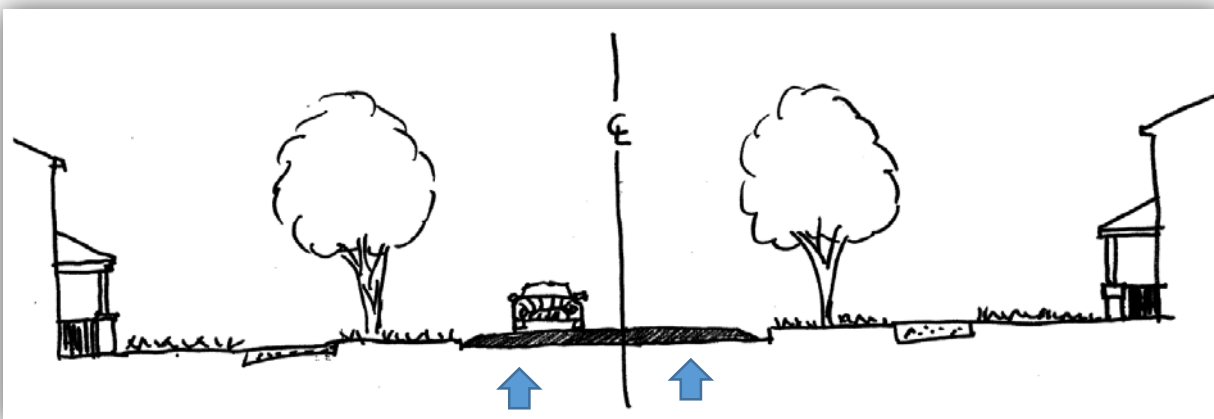


Device Toolbox



- Things you Drive Over

- Things you Drive Around



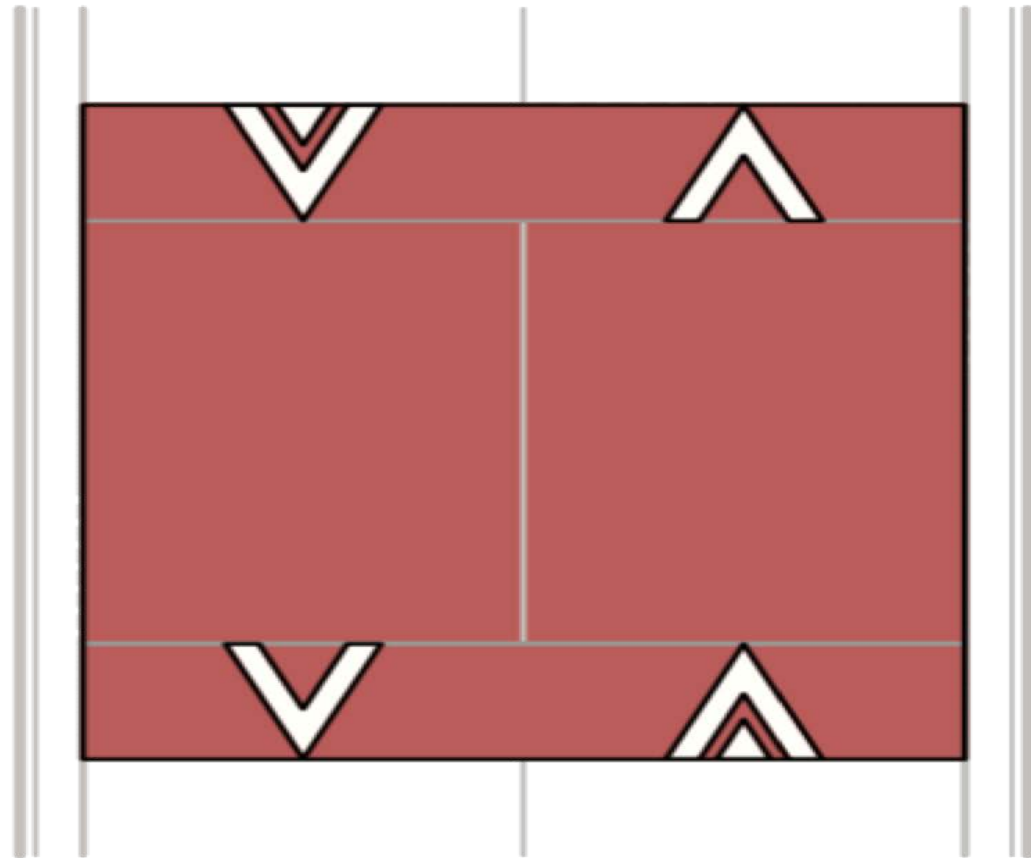


Things you Drive
Over



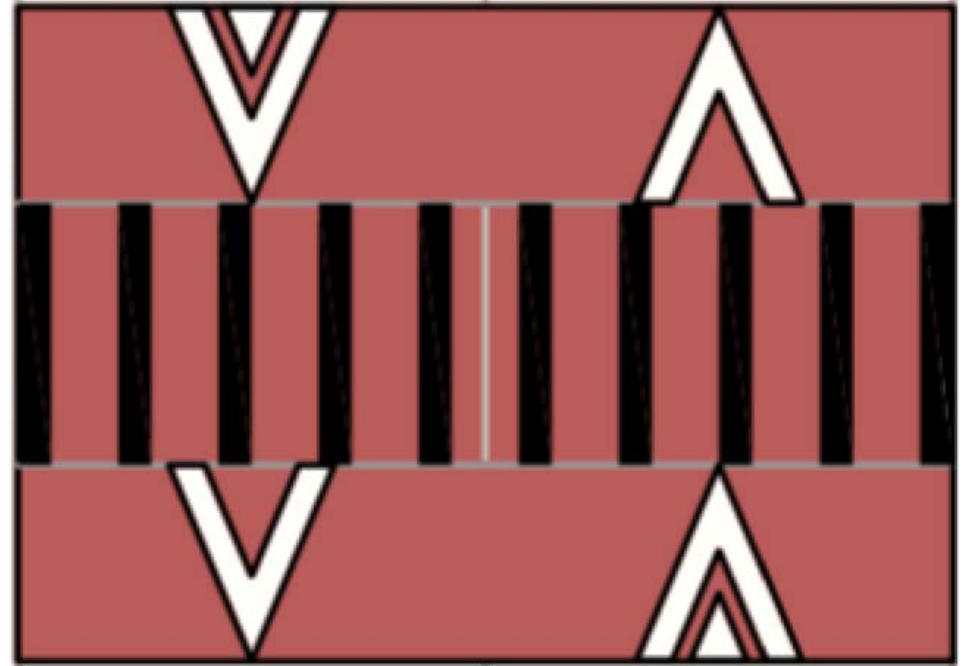
Speed Humps

Example: Larchmont Drive



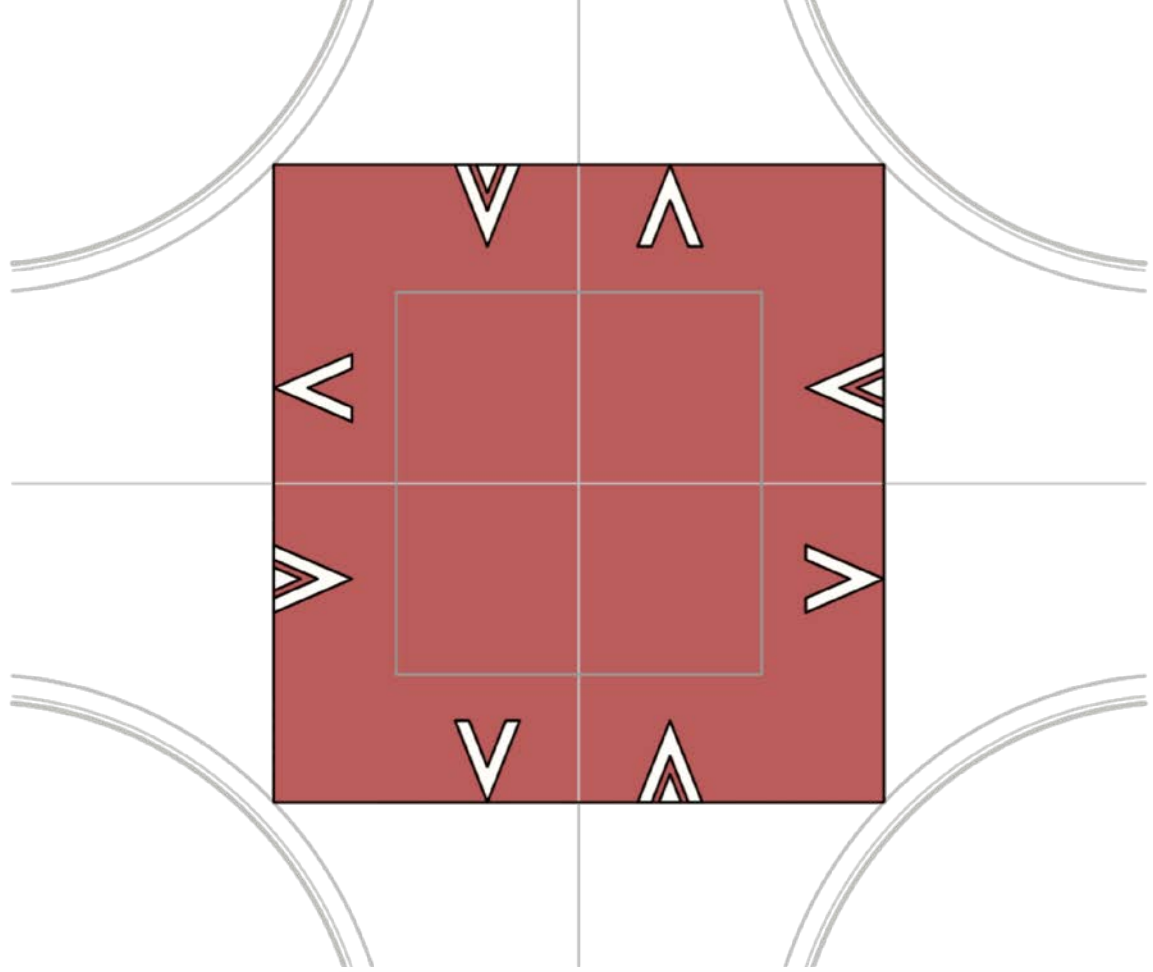
Speed Table

Source: www.nacto.org



Raised Crosswalk

Example: S. Forest Avenue



Raised Intersection

Example: Medford Street

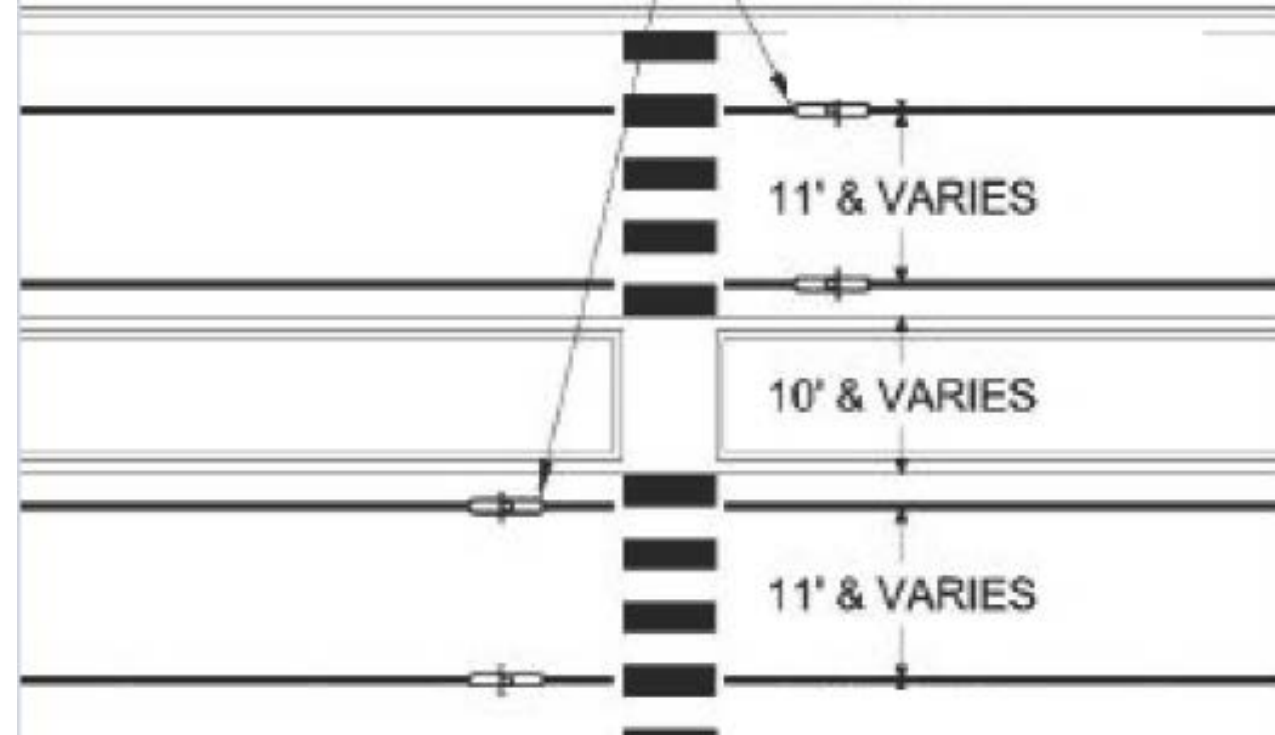
Questions about devices
you drive over?



Things you Drive
Around

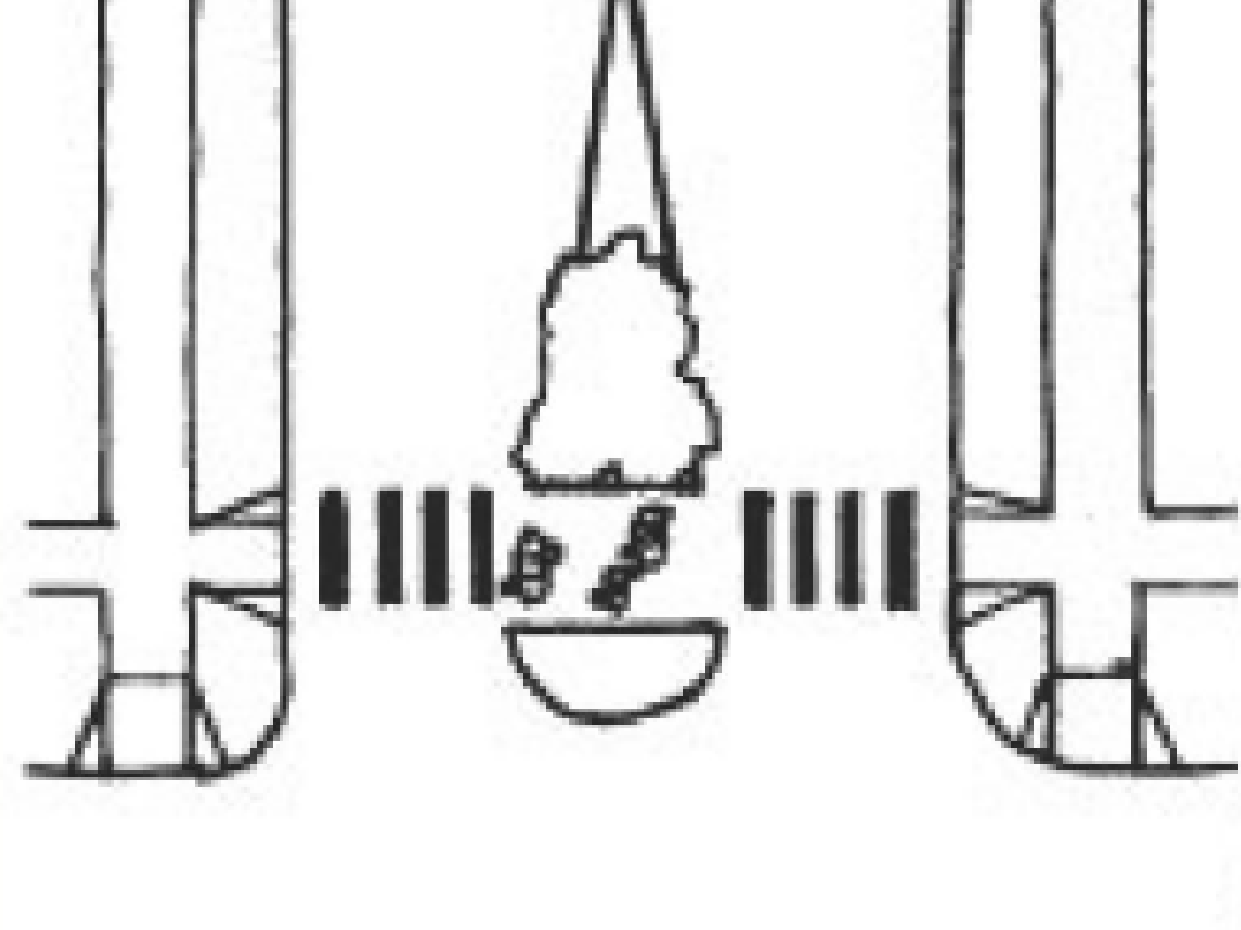


EDESTRIAN CROSSING SIGN
LINE WITH LANE LINES



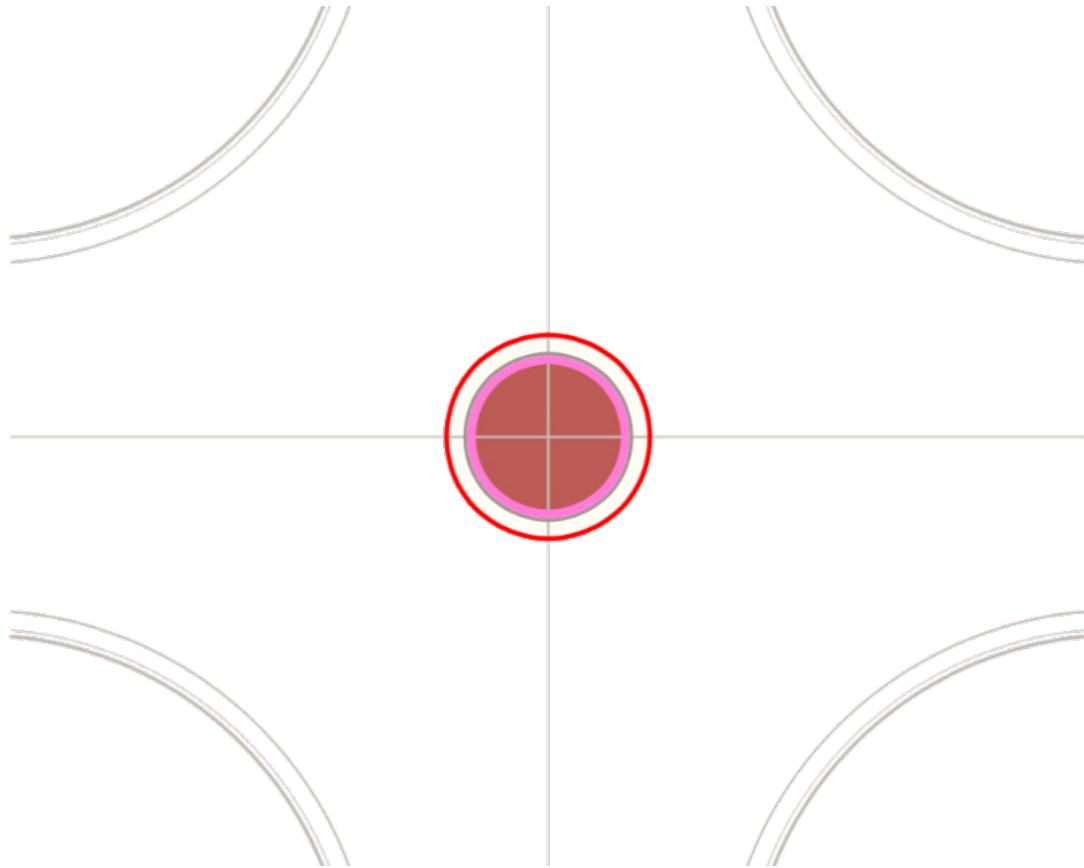
Pedestrian Gateway Treatment





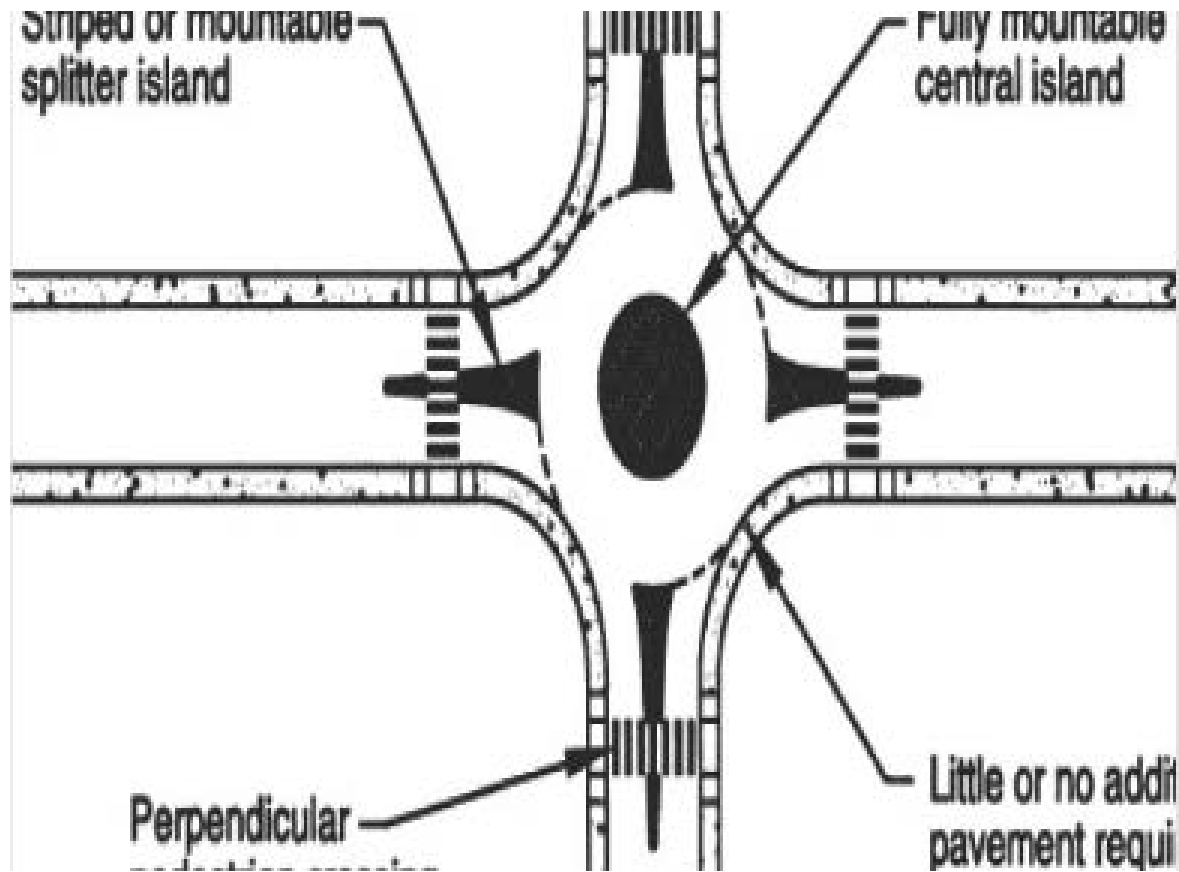
Pedestrian Island/Median Landscaping

Example: Intersection of Georgetown Blvd and Bluett Rd



Residential Traffic Circle

Example: Yost Blvd

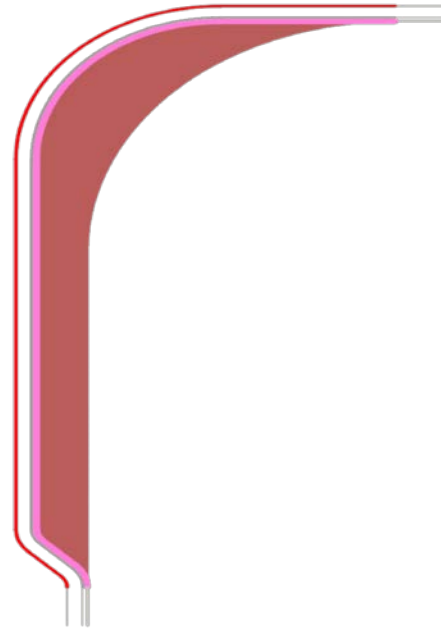


Compact Urban/Mini Roundabout

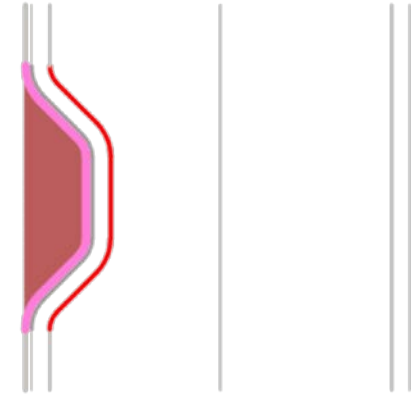
Example: Pittsfield Blvd



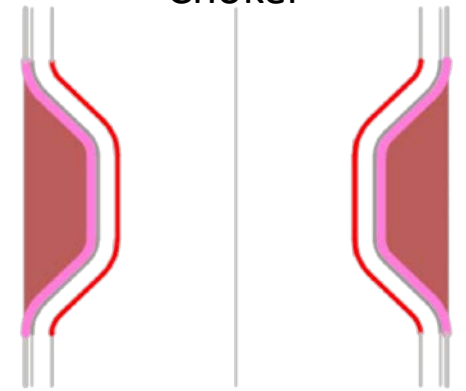
Curb Bumpout



Bumpout (Midblock)



Choker



Choker/Neckdown/Curb bump out

Example: Brooks Street – bumpout.

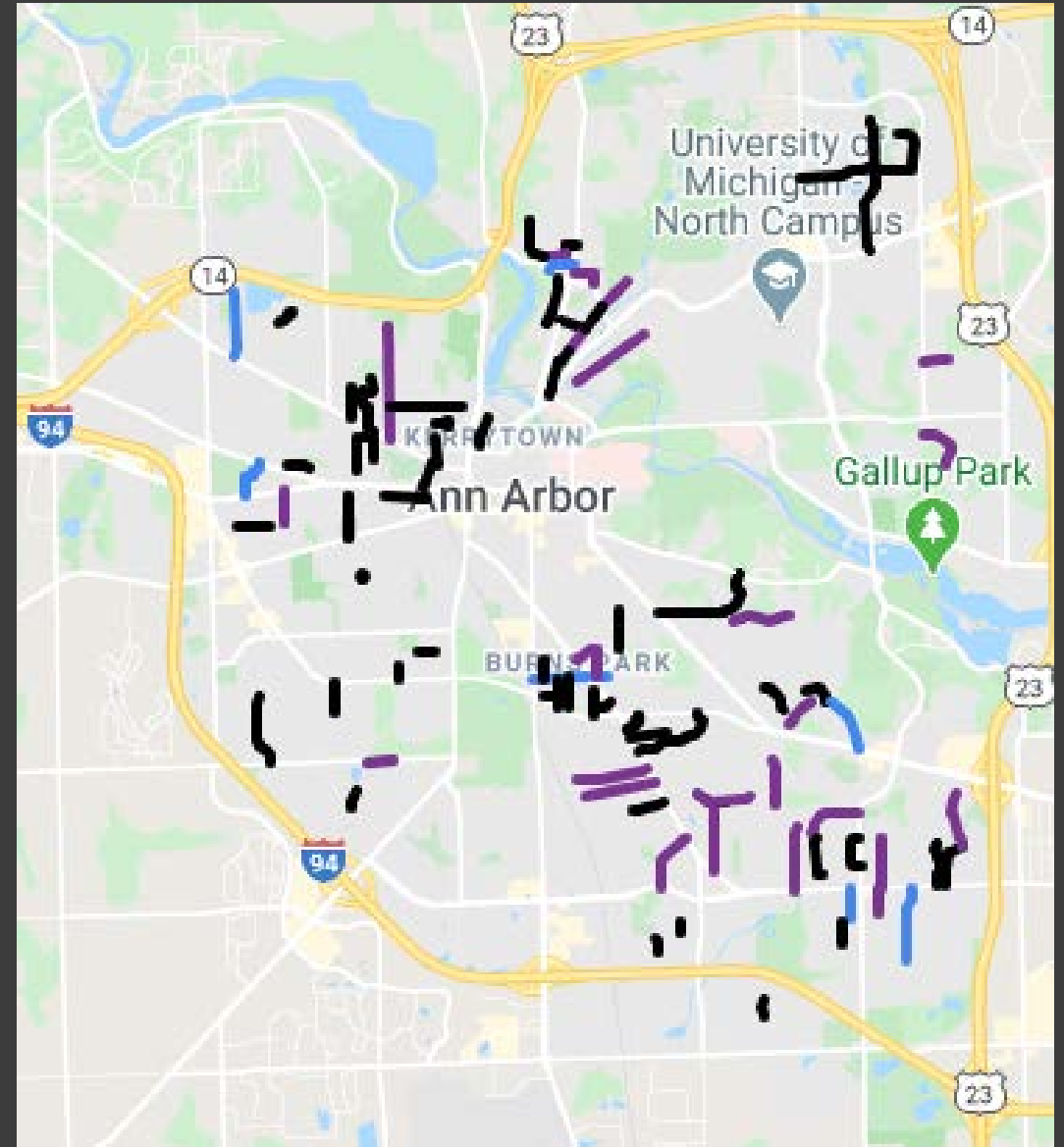


Neighborhood Gateway Treatment

Questions about devices
you drive around?

Ann Arbor Traffic Calming

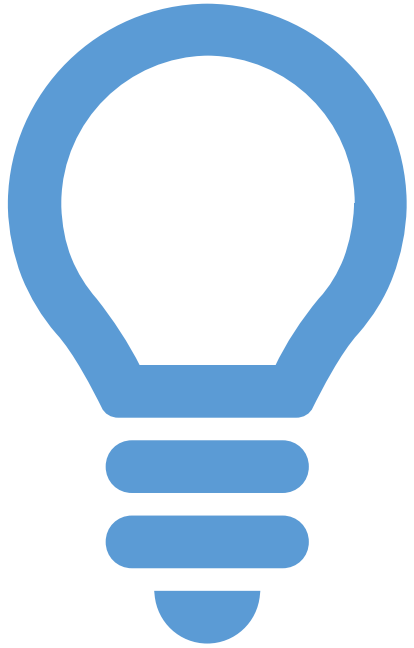
- Google Map: a2gov.org/TrafficCalming
- Line Legend:
 - Black – Studied
 - Purple – Installed
 - Blue – Under review





What is **NOT** included in device toolbox

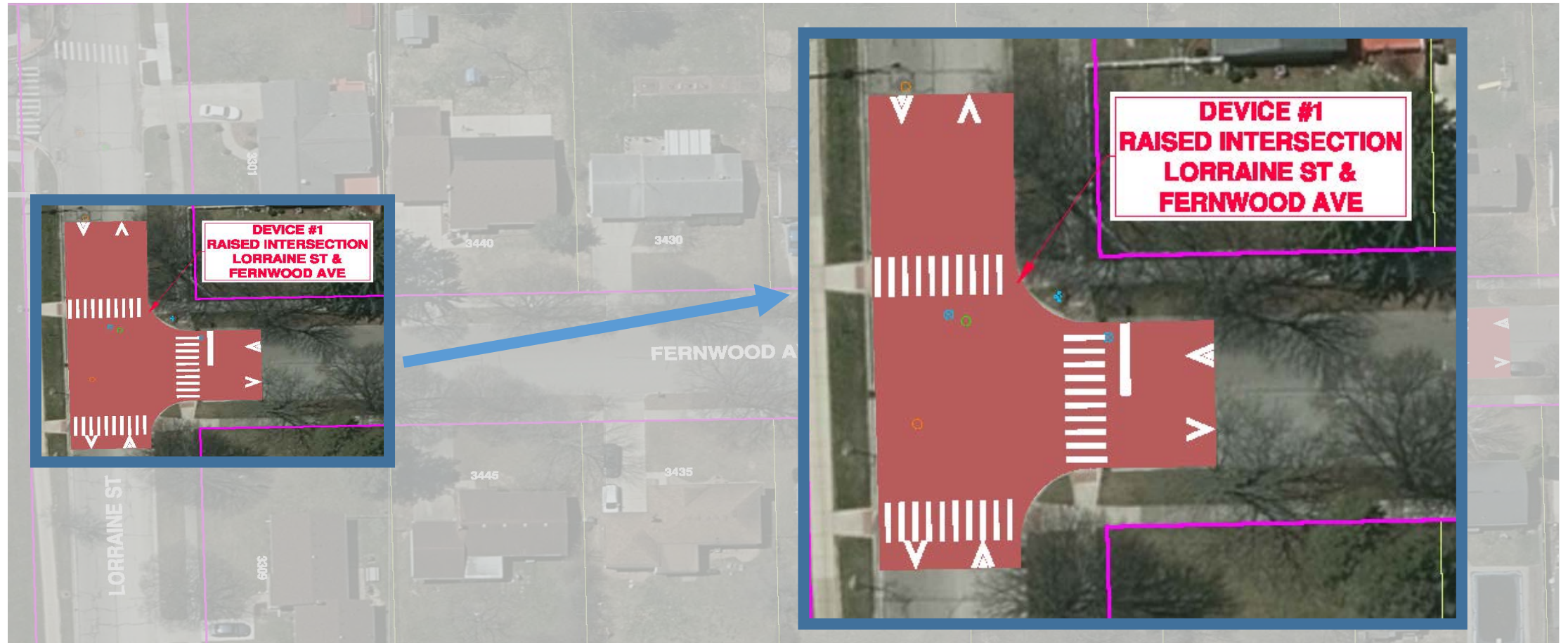
- Stop signs
 - See Page 13 of Traffic Calming Guidebook
- Cul-de-sac/ street closure
- Police enforcement
 - Traffic Complaint Questionnaire is available via a2gov.org/TrafficComplaint
- New Sidewalk Installation
 - New Sidewalk FAQ is available via a2gov.org/NewSidewalk



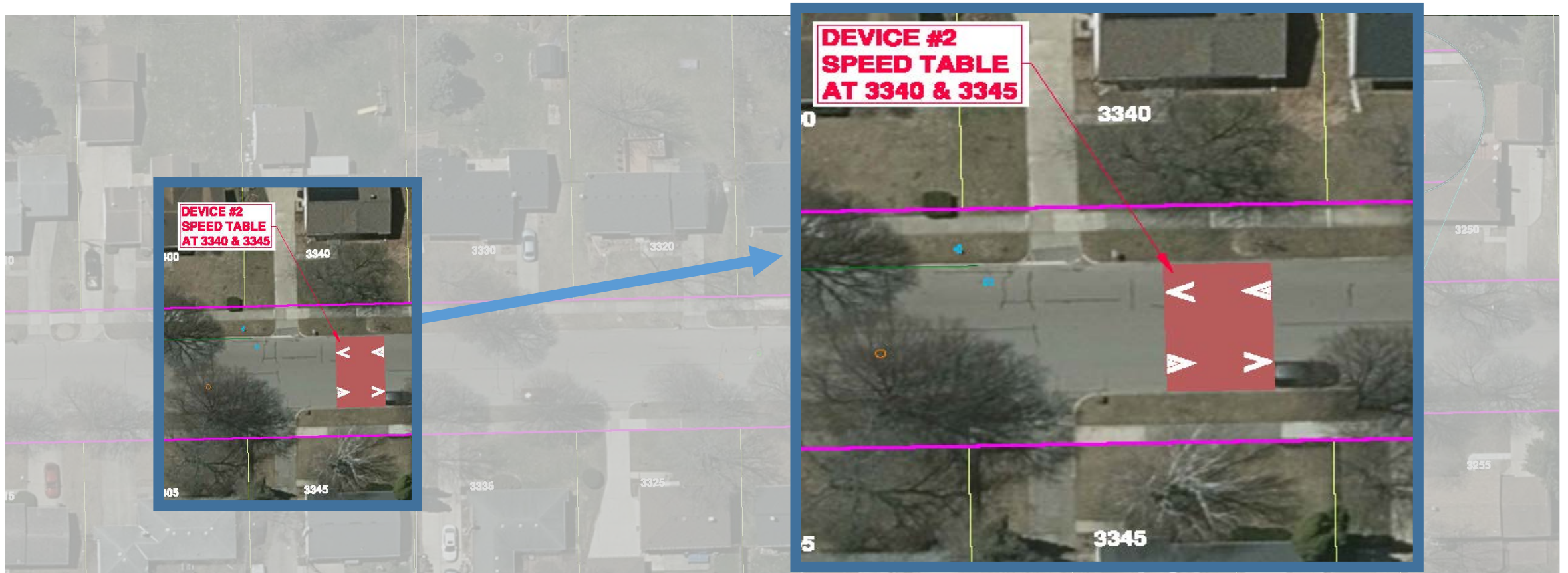
Fernwood Avenue
Starter Idea

Fernwood Avenue Starter Idea – Device #1

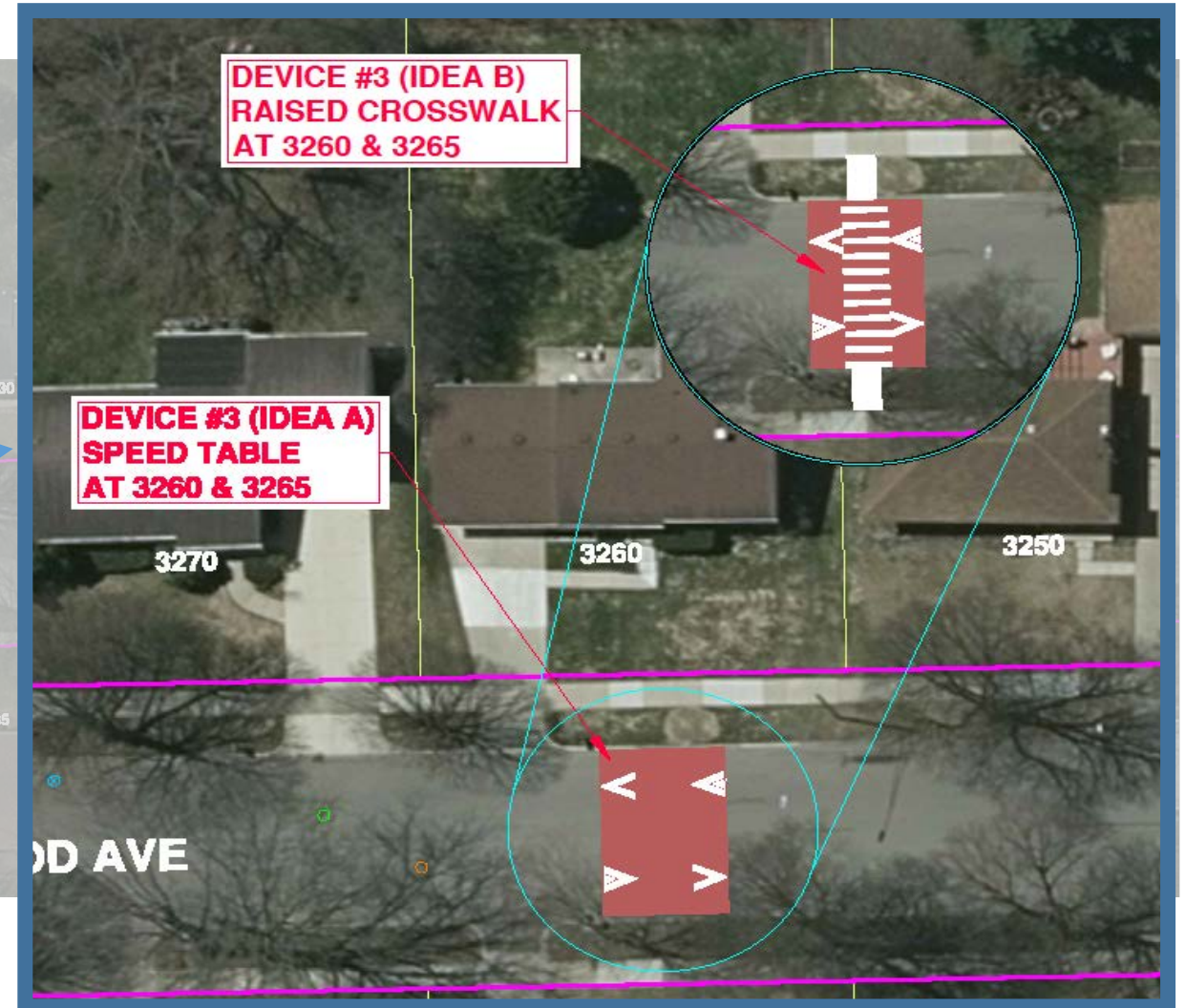
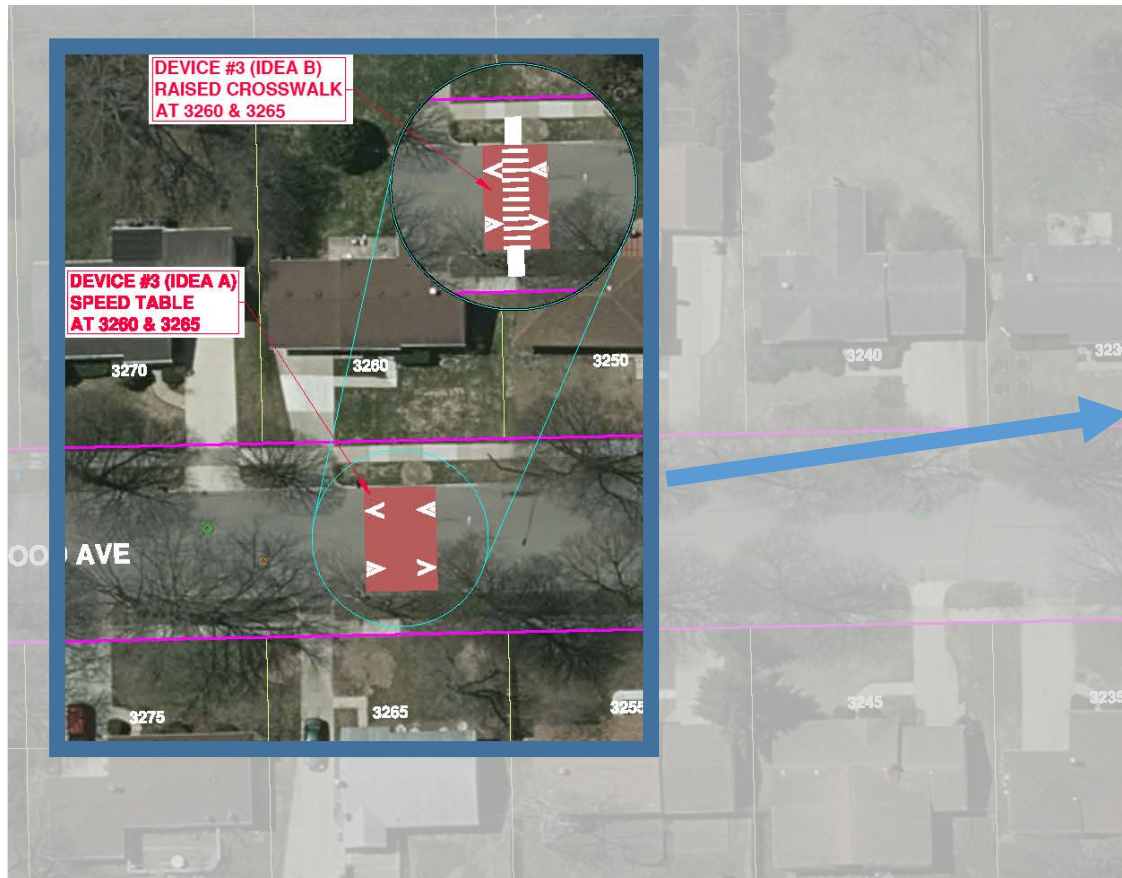
Raised Intersection at Lorraine & Fernwood



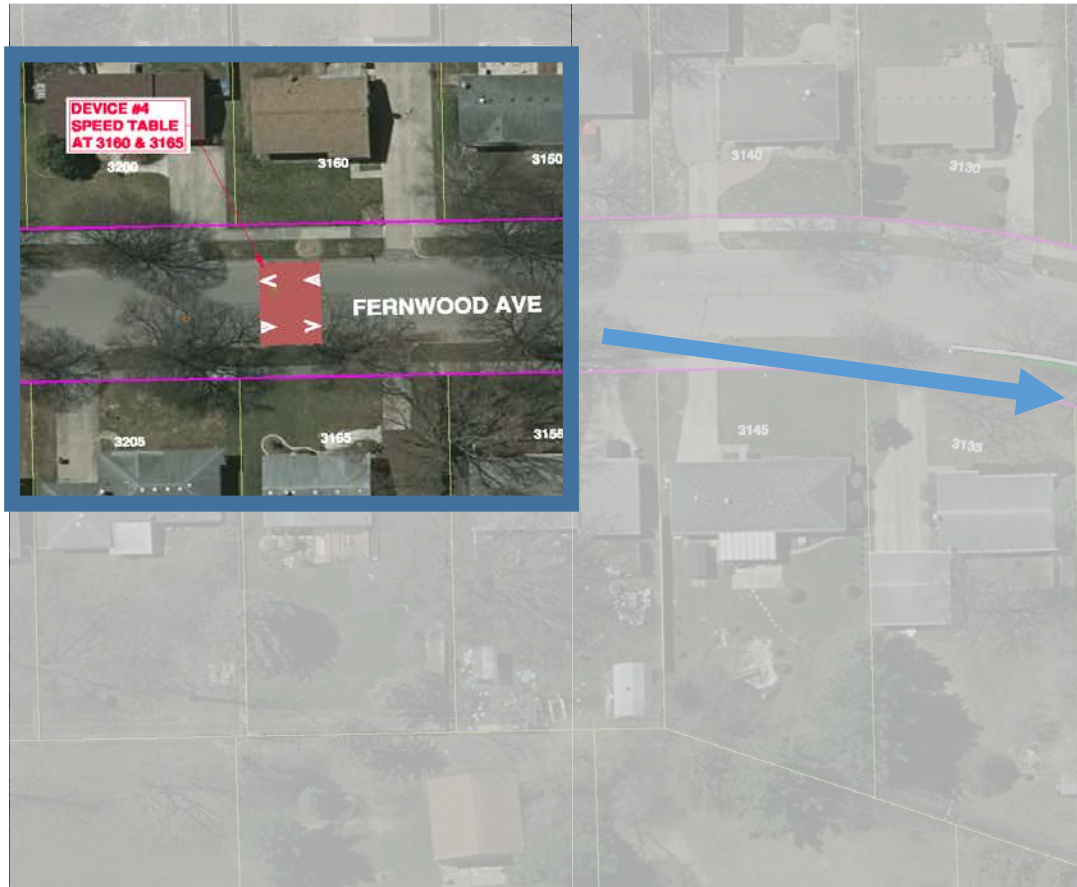
Fernwood Avenue Starter Idea – Device #2 Speed Table at 3340 & 3345



Fernwood Avenue Starter Idea – Device # 3A Speed Table OR Device # 3B Raised Crosswalk at 3250 & 3265



Fernwood Avenue Starter Idea – Device #4 Speed Table at 3160 & 3165



Fernwood Avenue Starter Idea – Device #5 Choker/Neckdown

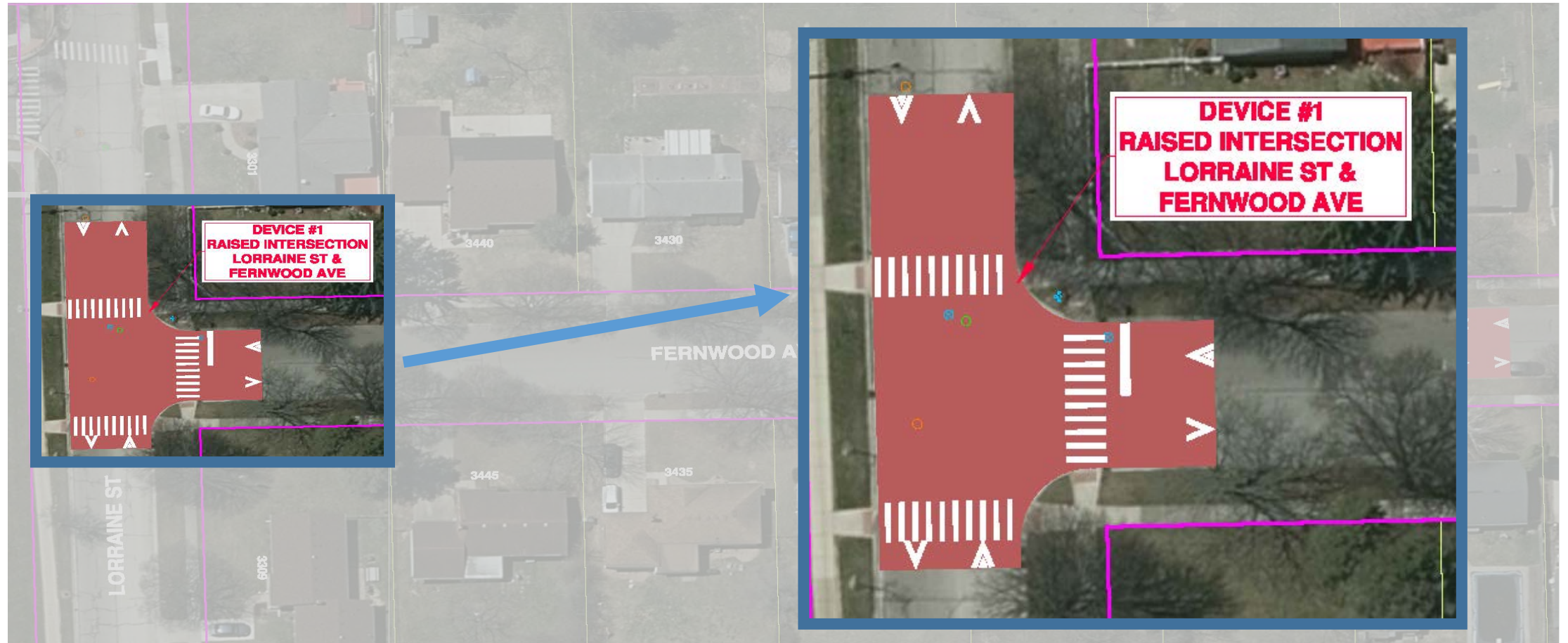




Feedback Exercise

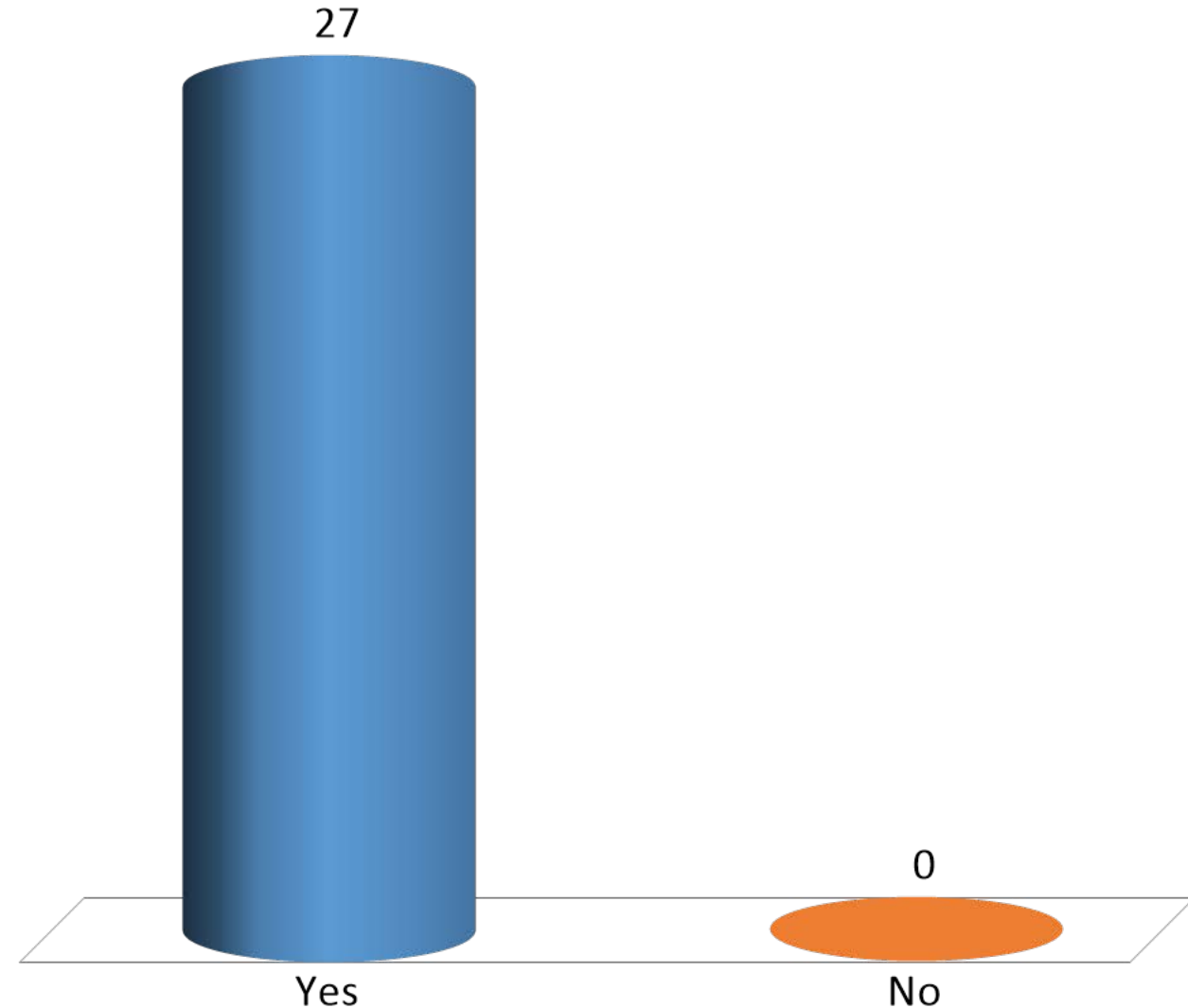
Fernwood Avenue Starter Idea – Device #1

Raised Intersection at Lorraine & Fernwood

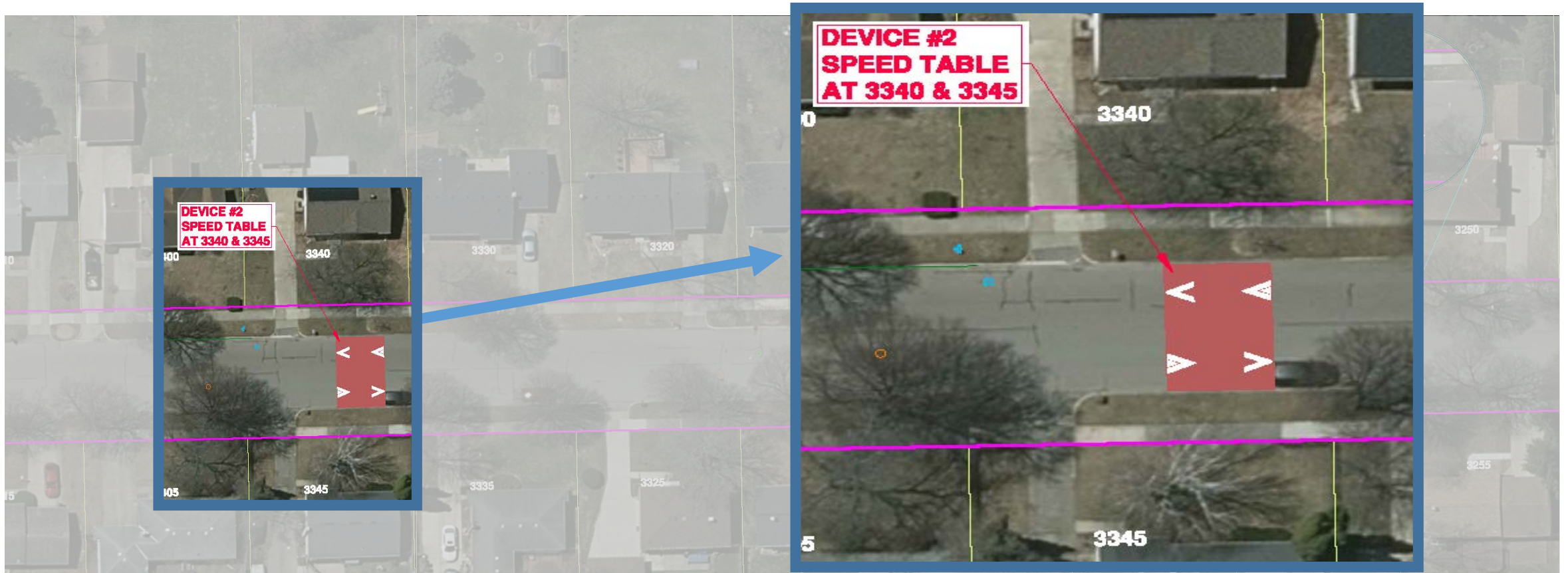


Do you support Device #1 Raised Intersection at Lorraine & Fernwood?

- A. Yes
- B. No

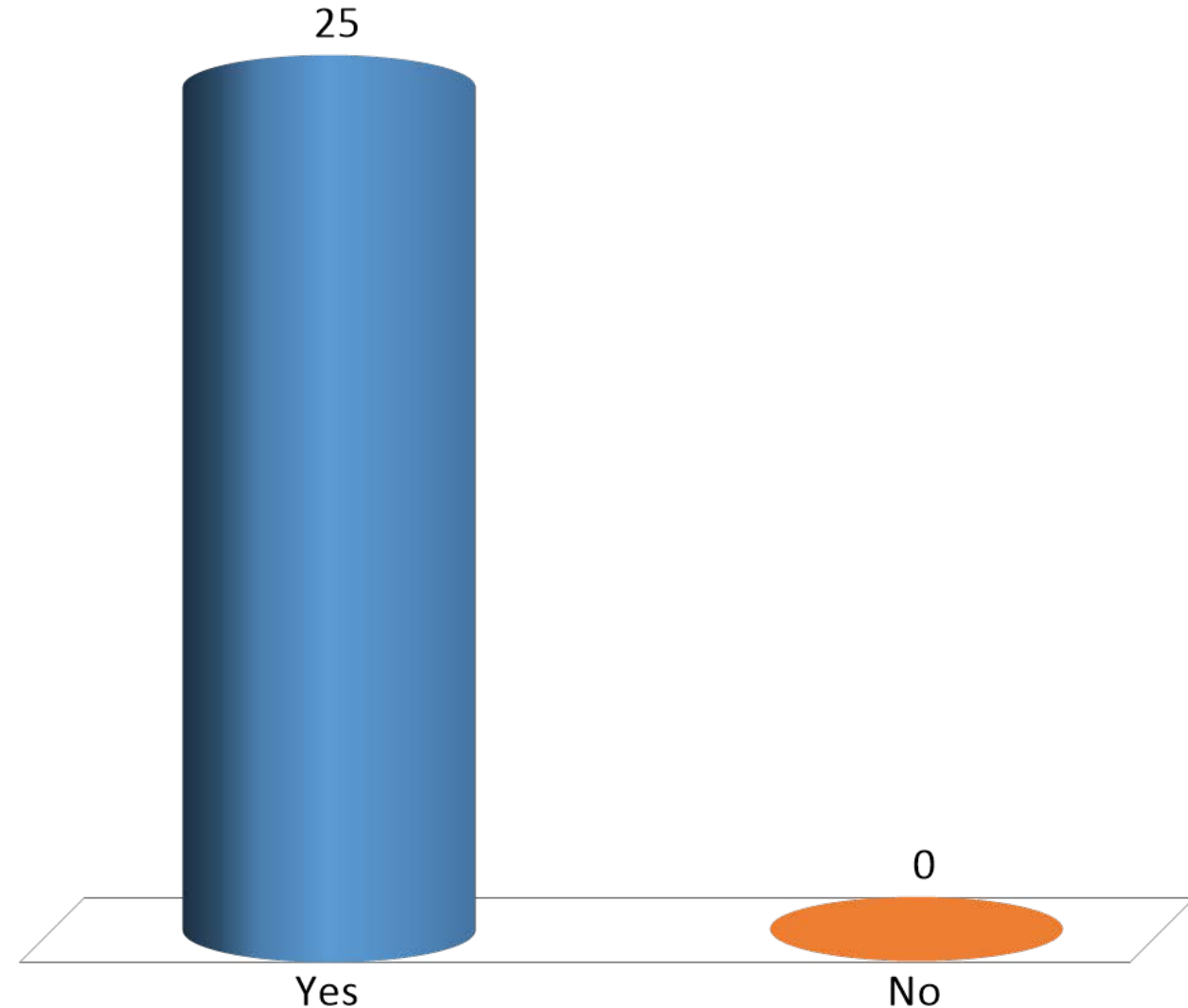


Fernwood Avenue Starter Idea – Device #2 Speed Table at 3340 & 3345

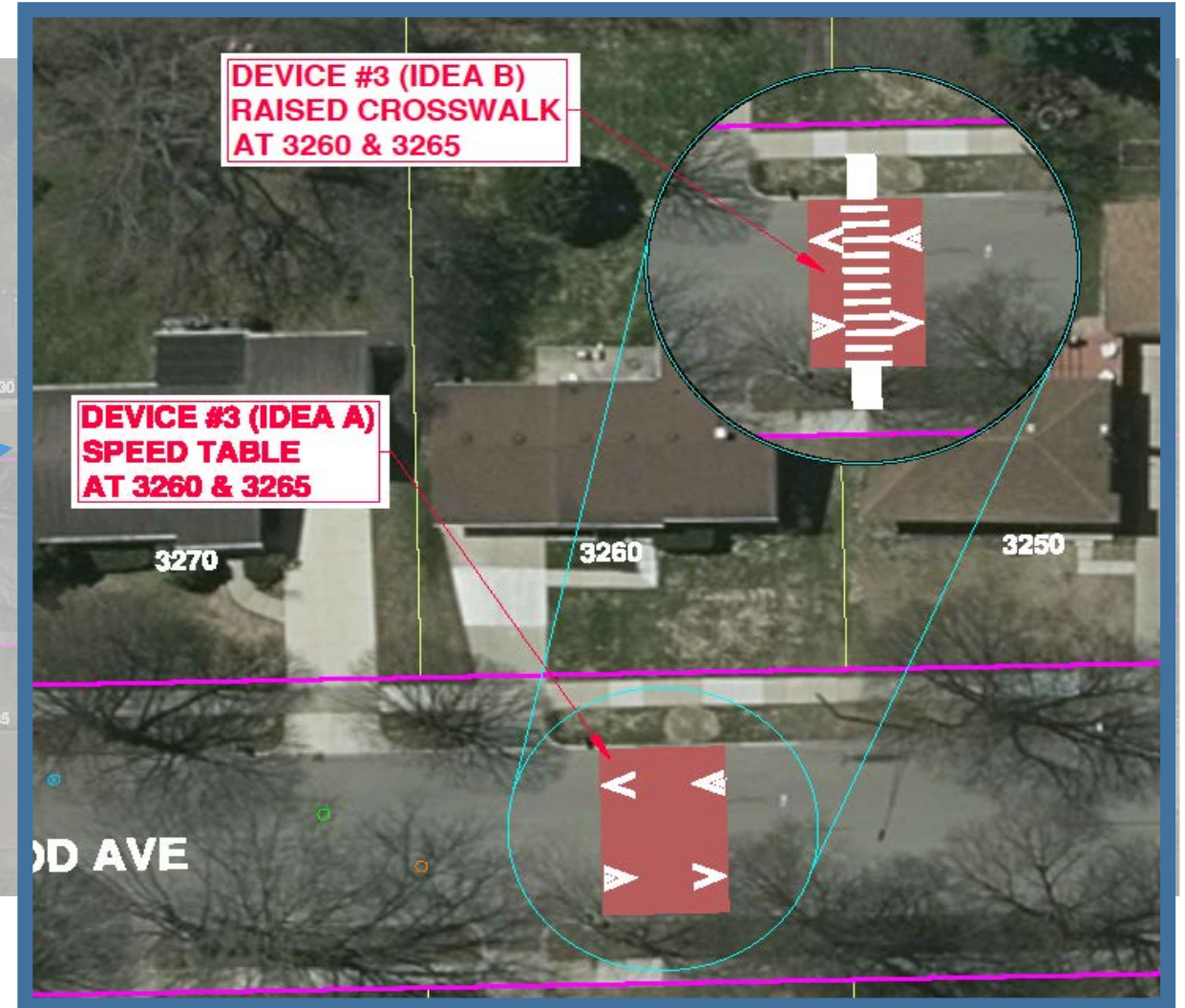
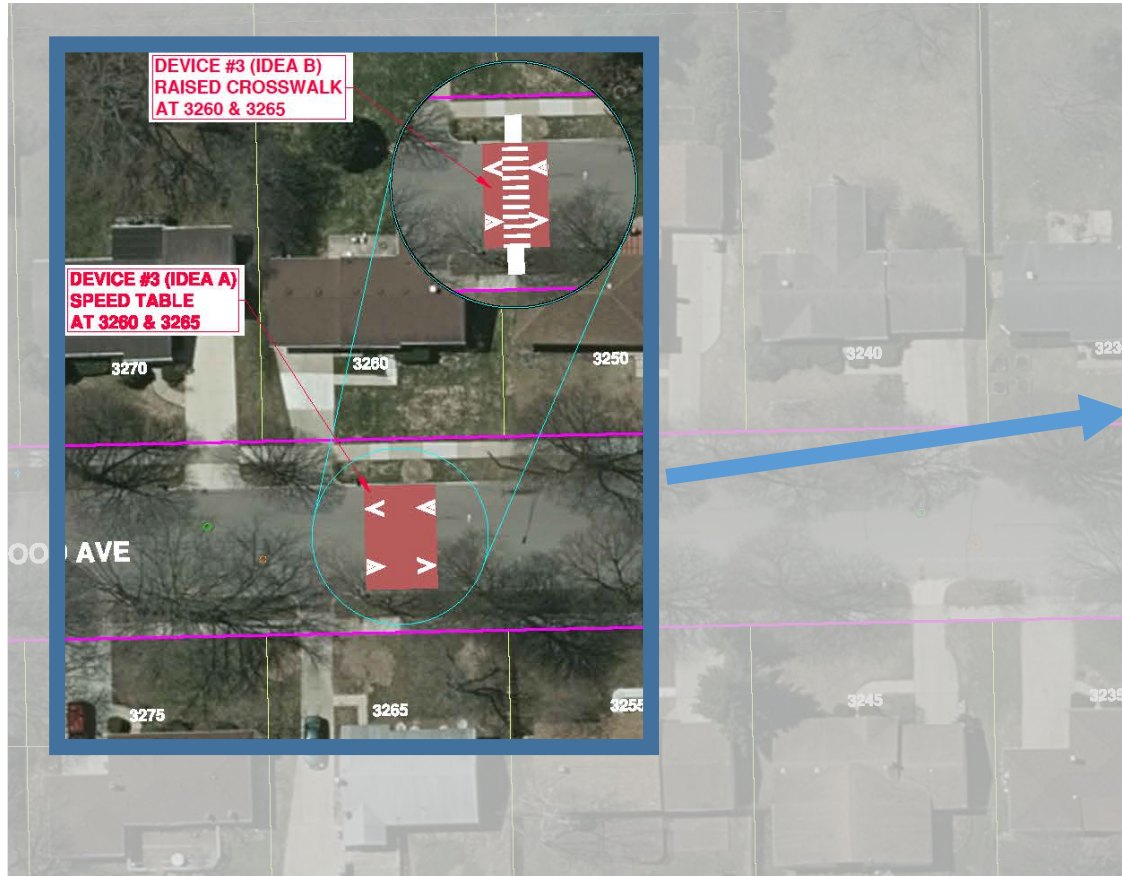


Do you support Device #2 Speed Table at 3340 & 3345?

- A. Yes
- B. No

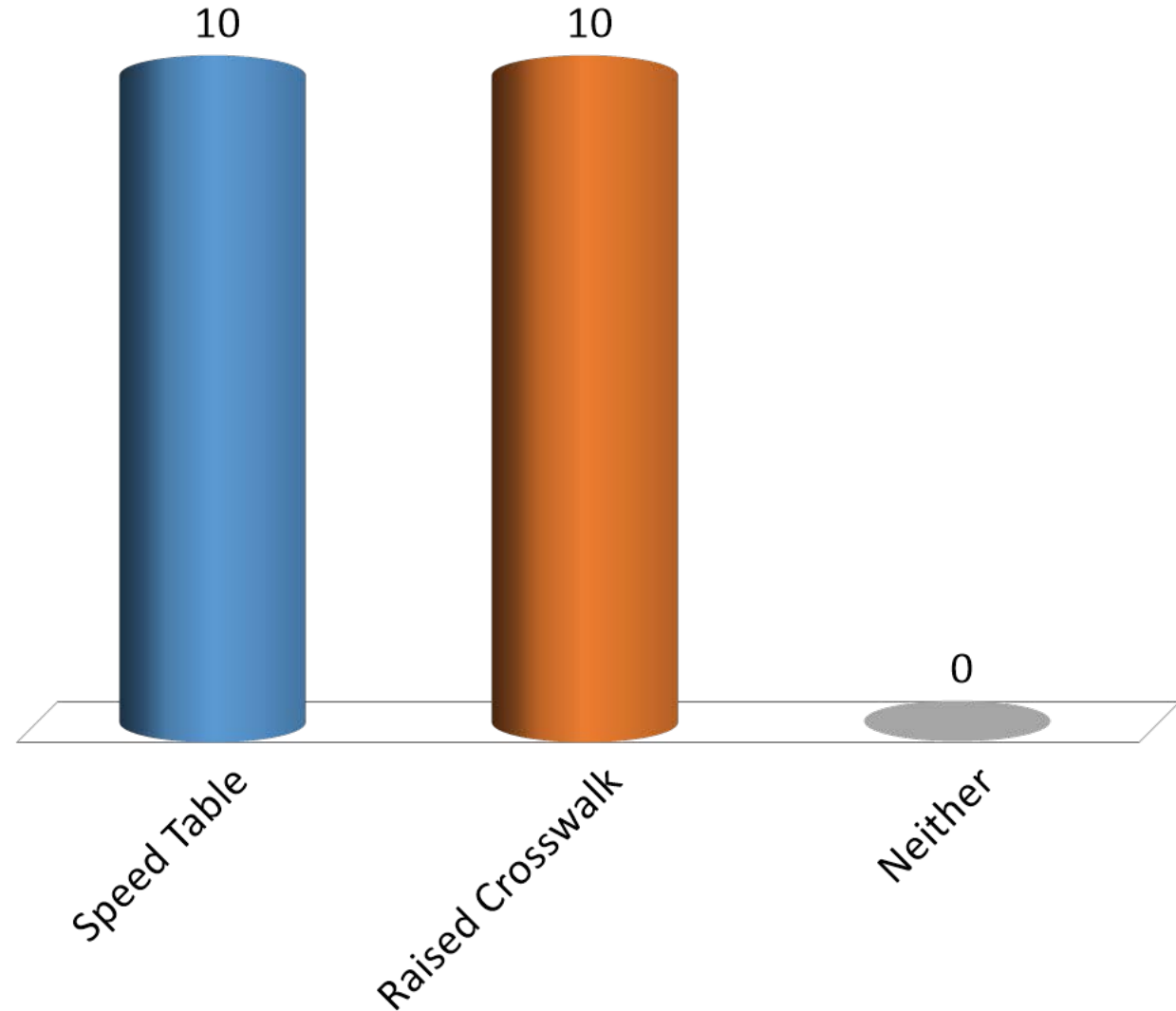


Fernwood Avenue Starter Idea – Device # 3A Speed Table OR Device # 3B Raised Crosswalk at 3250 & 3265

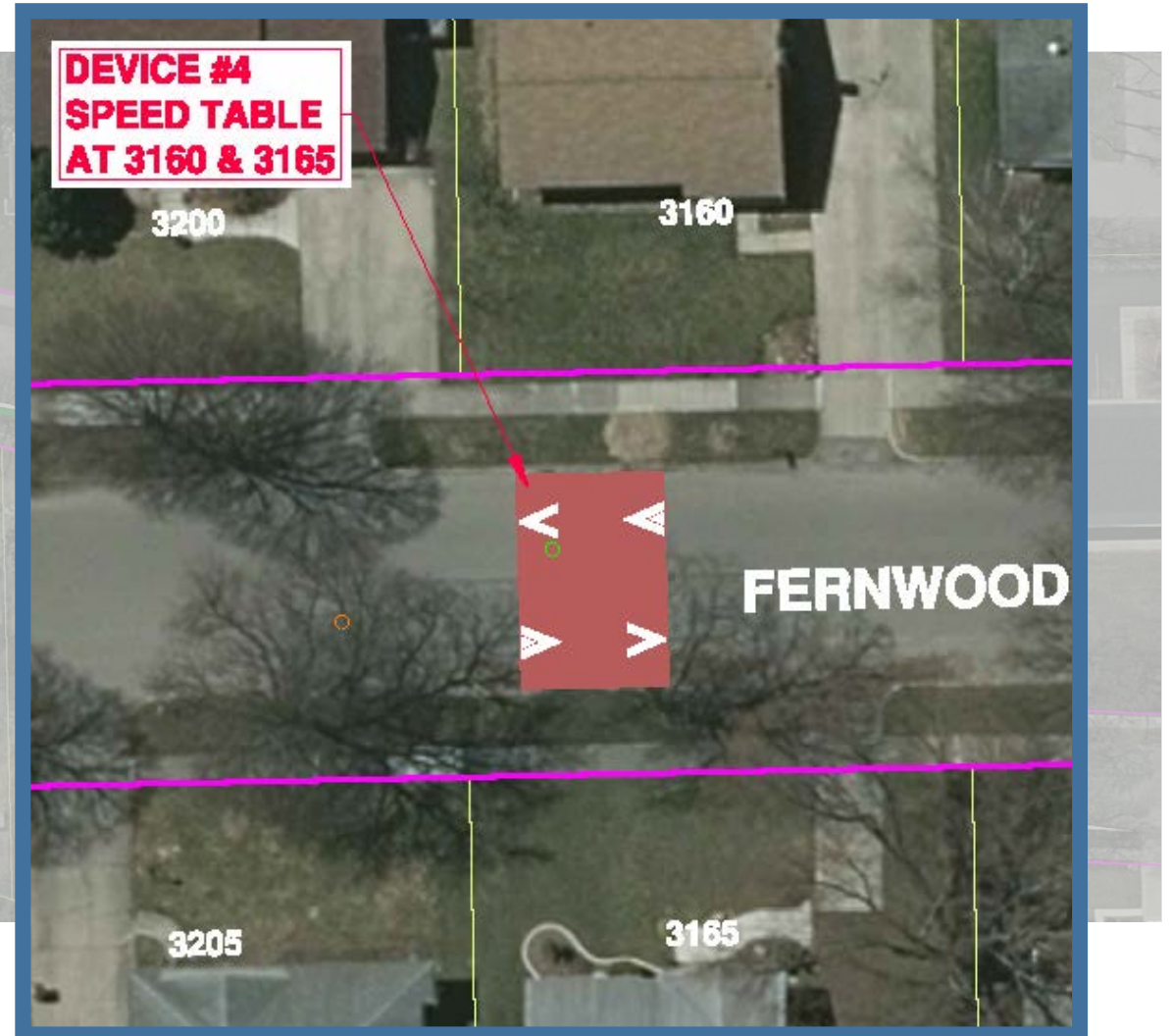
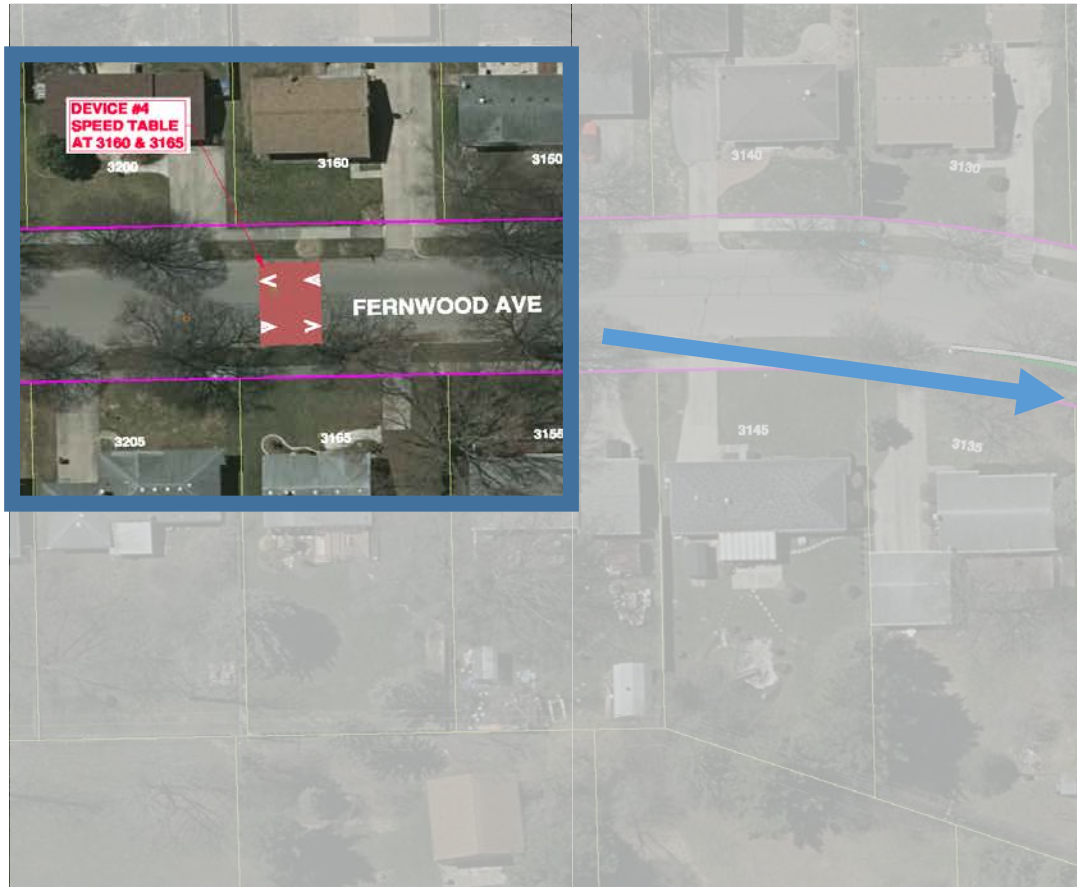


Which device do you support at 3250 & 3265 Fernwood?

- A. Speed Table
- B. Raised Crosswalk
- C. Neither



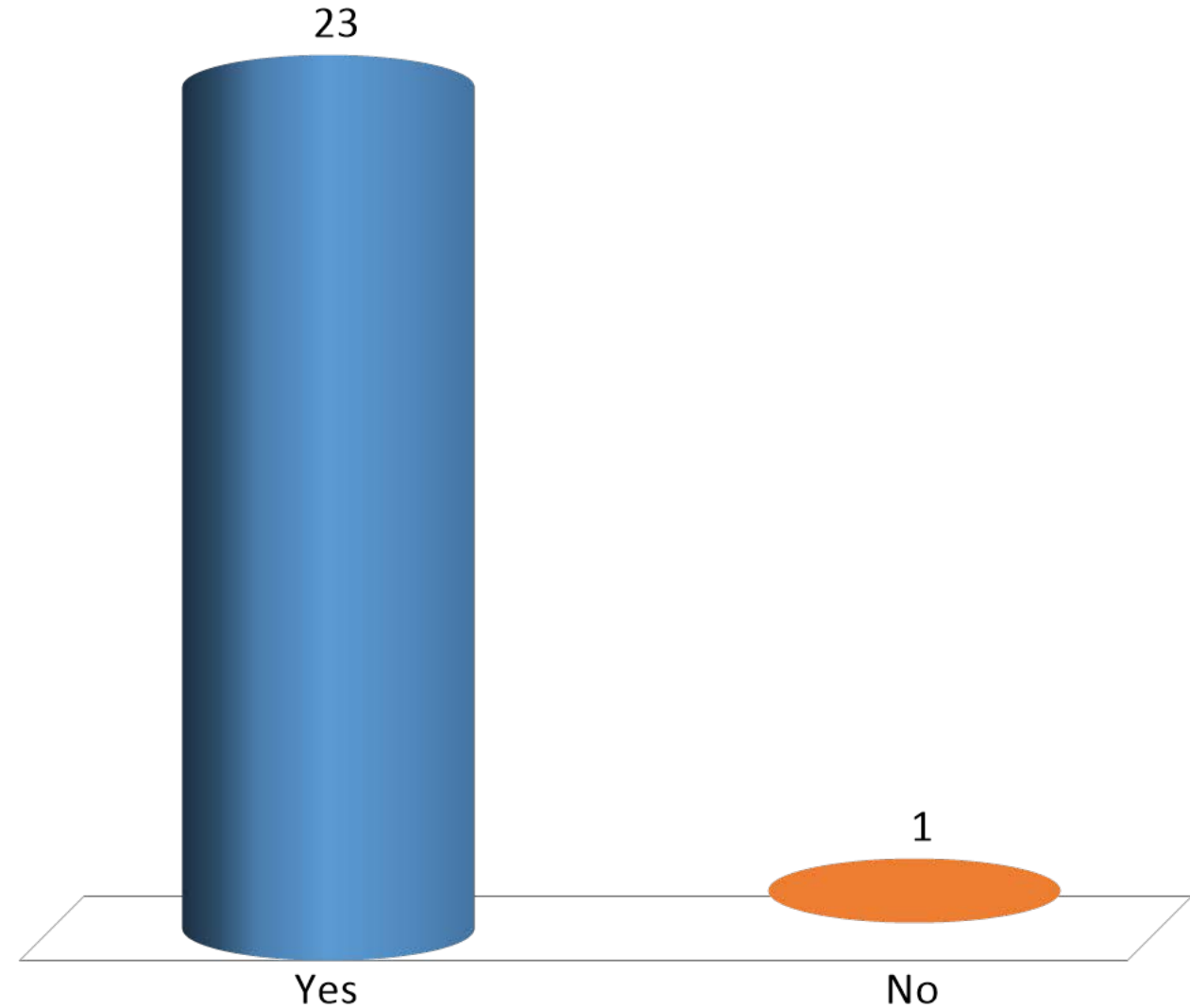
Fernwood Avenue Starter Idea – Device #4 Speed Table at 3160 & 3165



Do you support Device #4 Speed Table at 3160 & 3165?

A. Yes

B. No



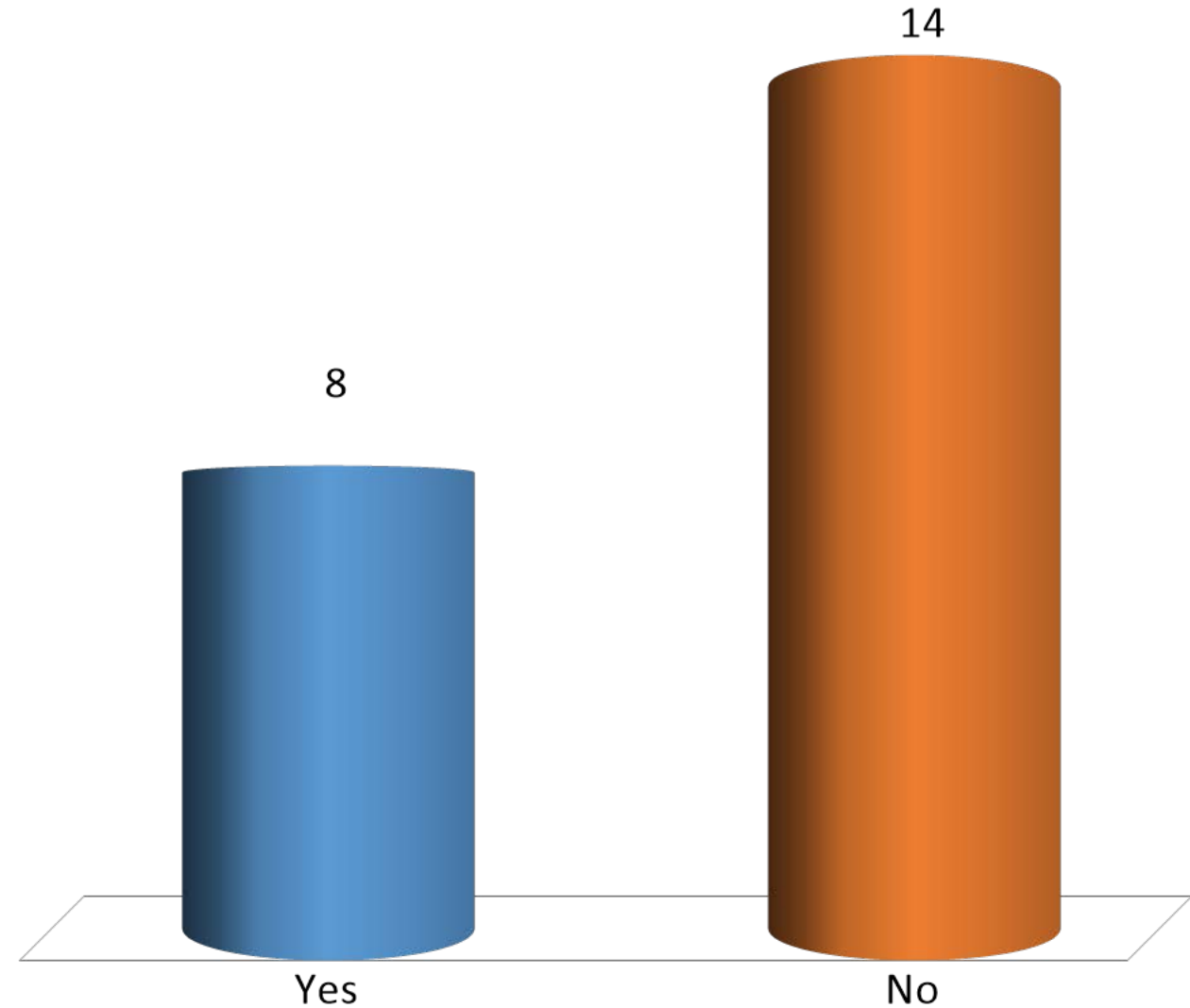
Fernwood Avenue Starter Idea – Device #5 Choker/Neckdown



Do you support Device #5 Choker/Neckdown?

A. Yes

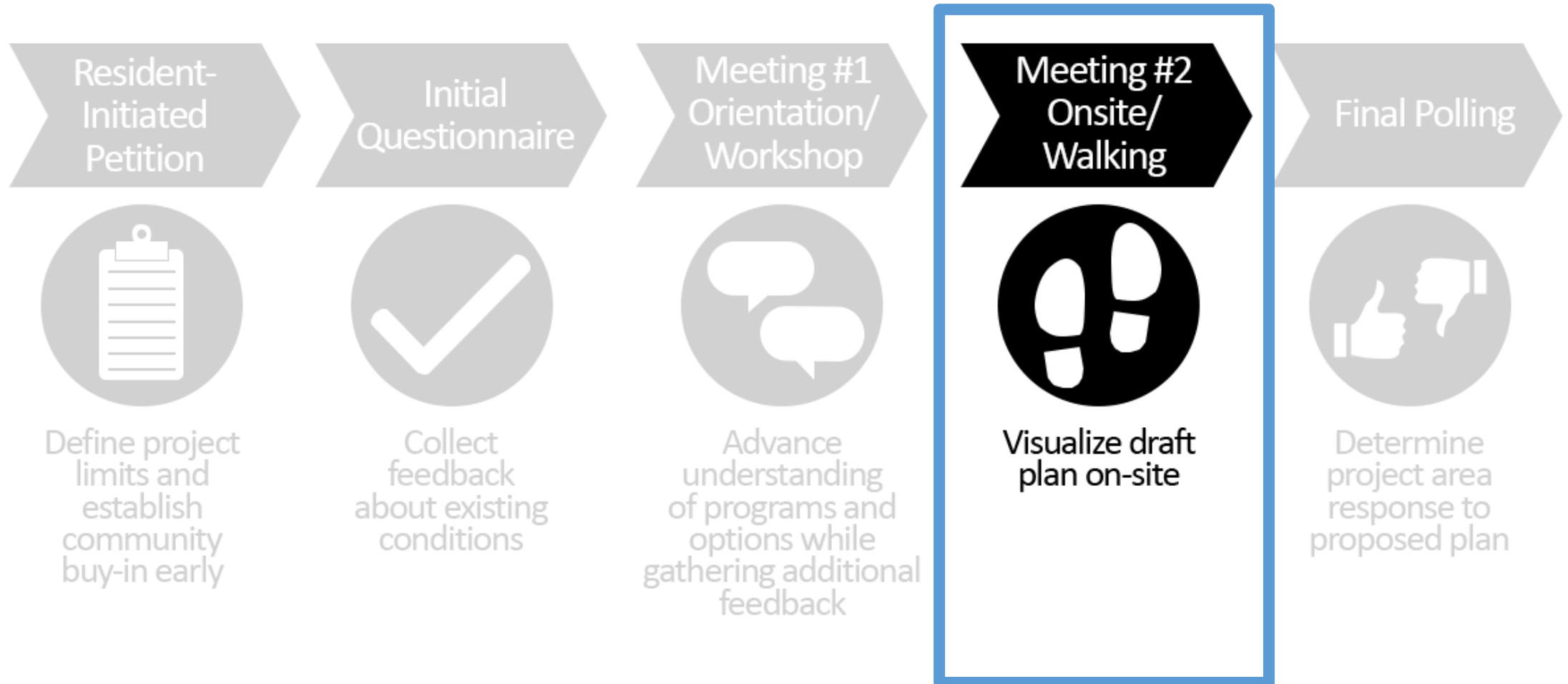
B. No





Traffic Calming in Ann Arbor

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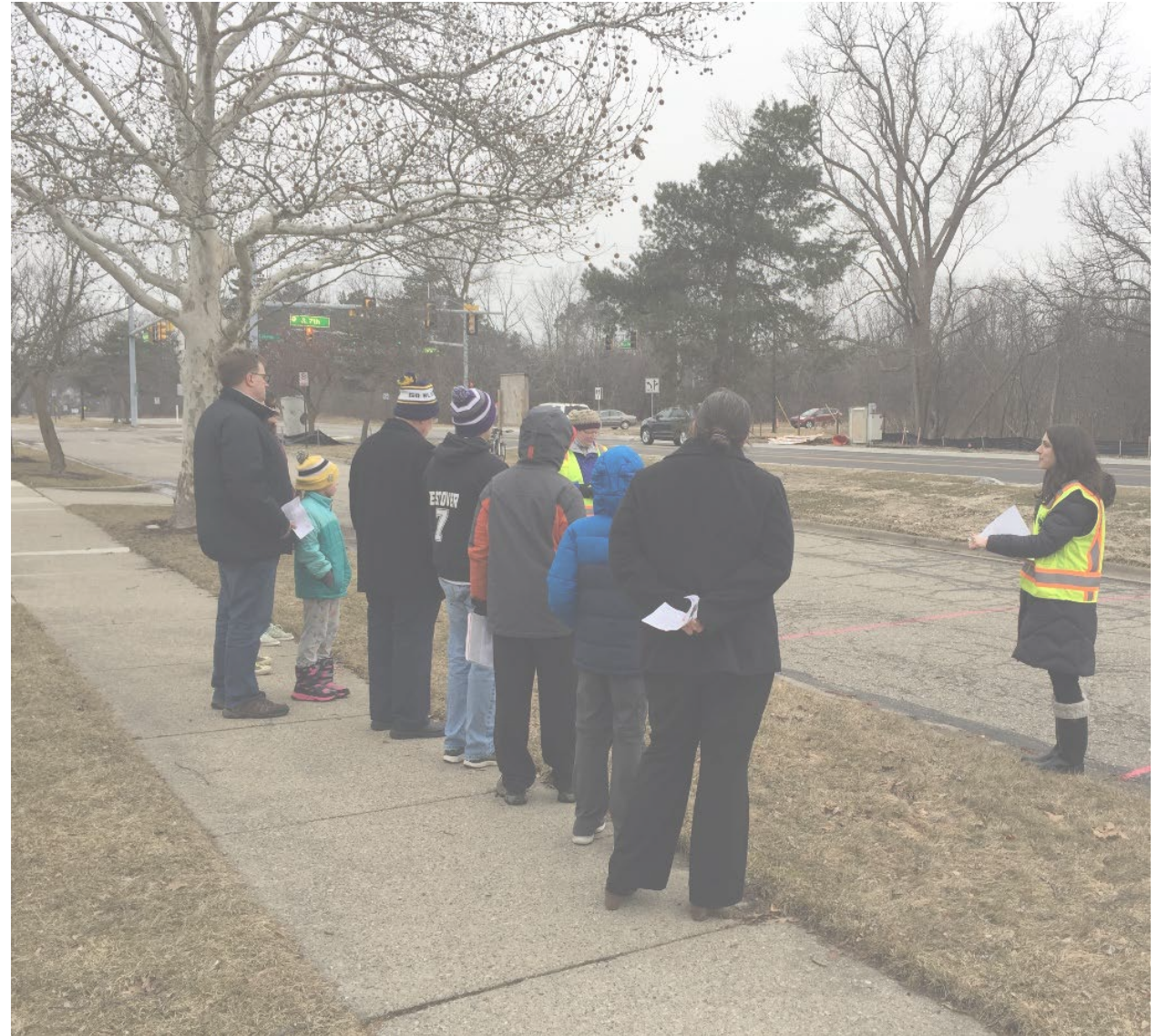


Preliminary Plan

- Design is based on:
 - Feedback from Meeting #1
 - Field conditions
 - Engineering
- Preliminary plan will be posted at a2gov.org/TCFernwood and marked in the field prior to Meeting #2

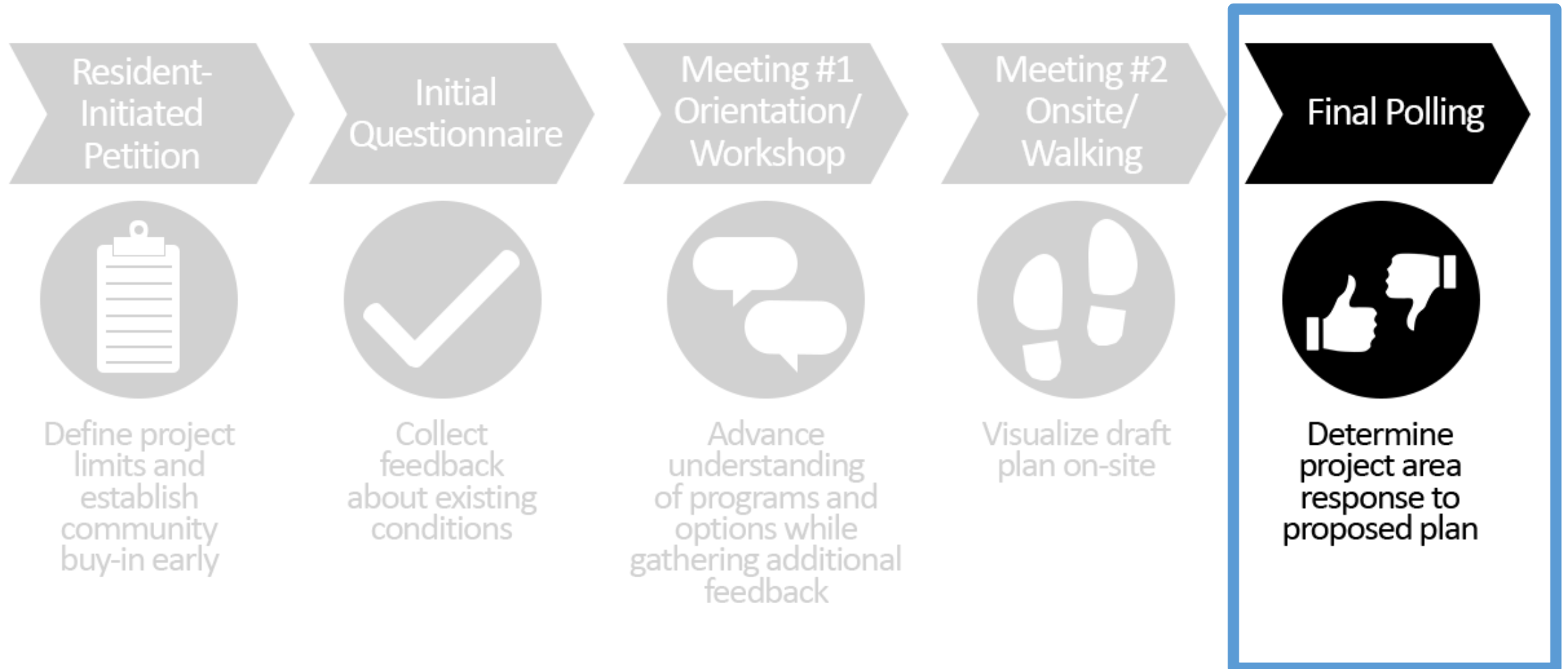
Meeting #2 Onsite/Walking

- Walk project area
- View proposed traffic calming device locations painted on the street
- Gather additional neighborhood input
- Staff will review feedback from Meeting #2 and prepare the Final Plan for the Final Poll.



Traffic Calming in Ann Arbor

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Final polling

- Two options for final polling:
 - **Electronically** at a2gov.org/TCFernwood (must in put your assigned identification number ex 2019-25-FER-000)
 - Physical poll **mailed** back to City Clerk's Office.
- Results tallied by City Clerk's Office
- **Responses will be invalid if more than one is received per household.**

STEP 5: FINAL POLLING FOR SCIO CHURCH SERVICE DRIVE TRAFFIC CALMING

Please complete this form (electronic option available at a2gov.org/TrafficCalming) and return it to the City of Ann Arbor by **April 23, 2019**.

The Final Plan is available at a2gov.org/TrafficCalming

Please check only one:

- YES, I support the entire proposed plan, as presented in the 'Final Plan'
- NO, I do not support the 'Final Plan'

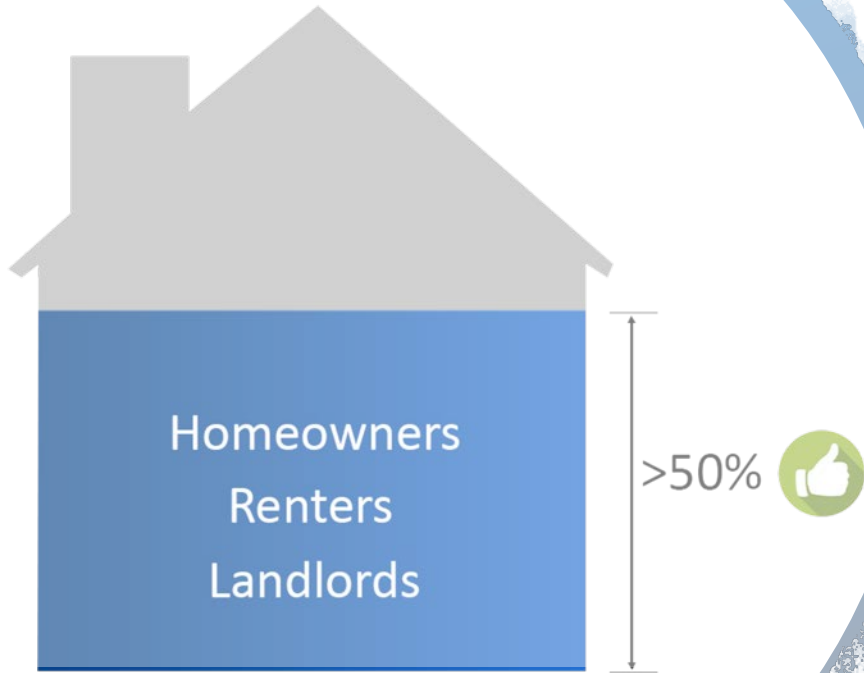


Additional comments: _____

All responses must be postmarked, electronically submitted or hand delivered to the City Clerk's Office (Larcom City Hall, second floor, 301 E. Huron Street) by April 23. Whether you are for or against traffic claming you must participate to have your voice heard. Responses will be invalid if more than one is received per household.

Final Polling Criteria

- Ensures support for the project by the neighborhood.
- Qualification Criterion: **Greater** than 50% of responses received support the final plan.
- **What's Next?** If qualification criteria is met, the project plan moves forward to City Council for final approval to construct.



Next Steps

Date

March 25	Meeting #2 (On site) from 5:00– 6:30 p.m. Starting in front of 3301 Lorraine Street
April 2	Final Polling Card will be mailed to project area addressed
April 17	Deadline to electronically complete or postmark final polls
June 1	Target City Council meeting for final approval to construct



Thank you!

Traffic Calming Project Team

Andrea Wright – *Program Facilitator*

Cyrus Naheedy – *Transportation Engineer*

Eli Cooper – *Transportation Program Manager*

Contact Information:

Phone: 734.794.6429

Email: TrafficCalming@a2gov.org

Project Website: a2gov.org/TCFernwood