

Lighter, quicker, cheaper infrastructure for adaptive approaches to community traffic calming & pedestrian safety

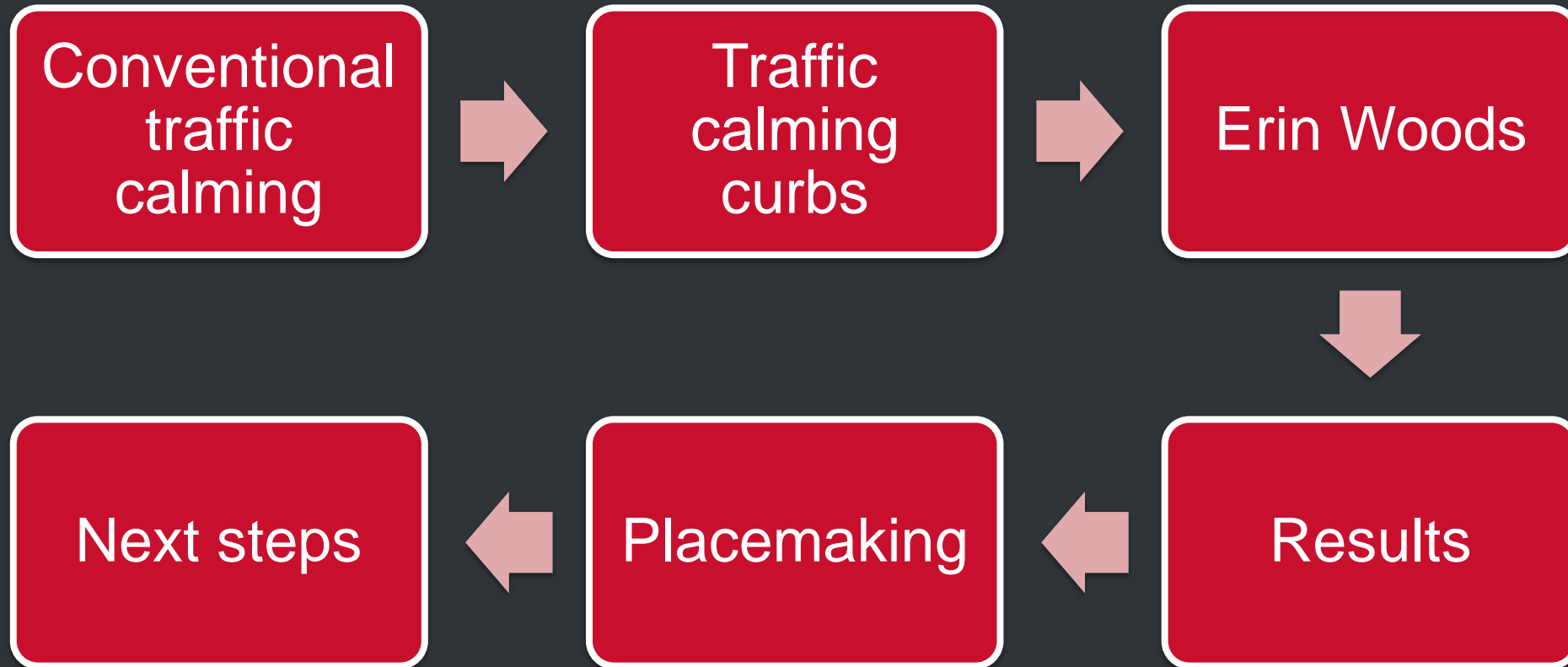
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City of Calgary

 @BlackJenniferN

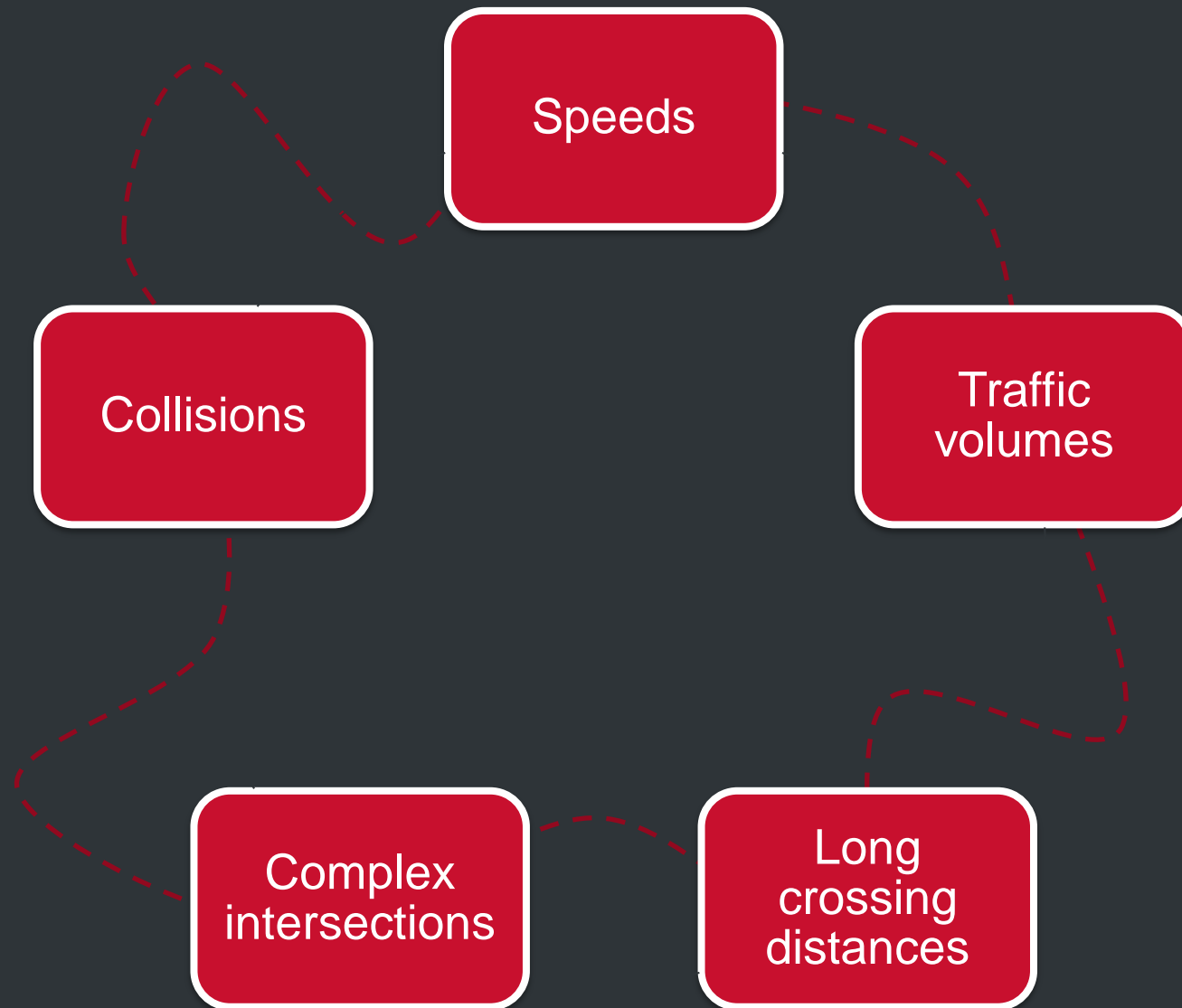


Introduction





Traffic Safety Issues

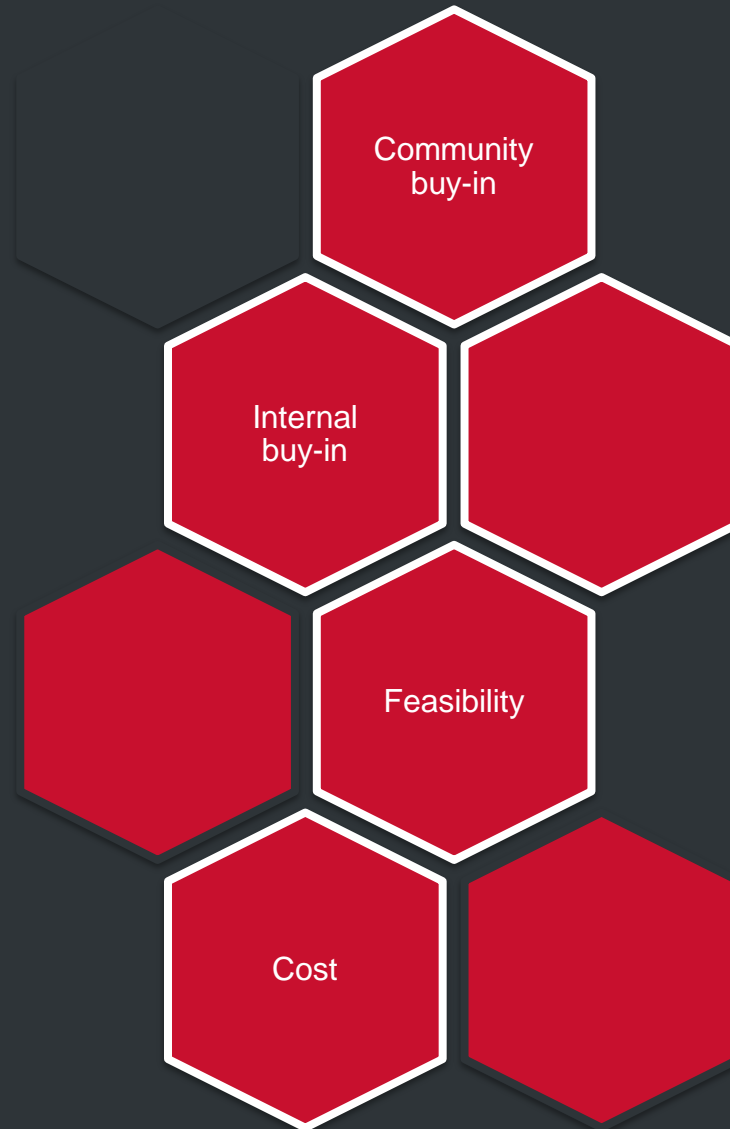


Conventional Traffic Calming





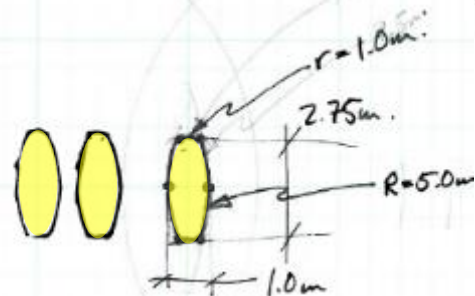
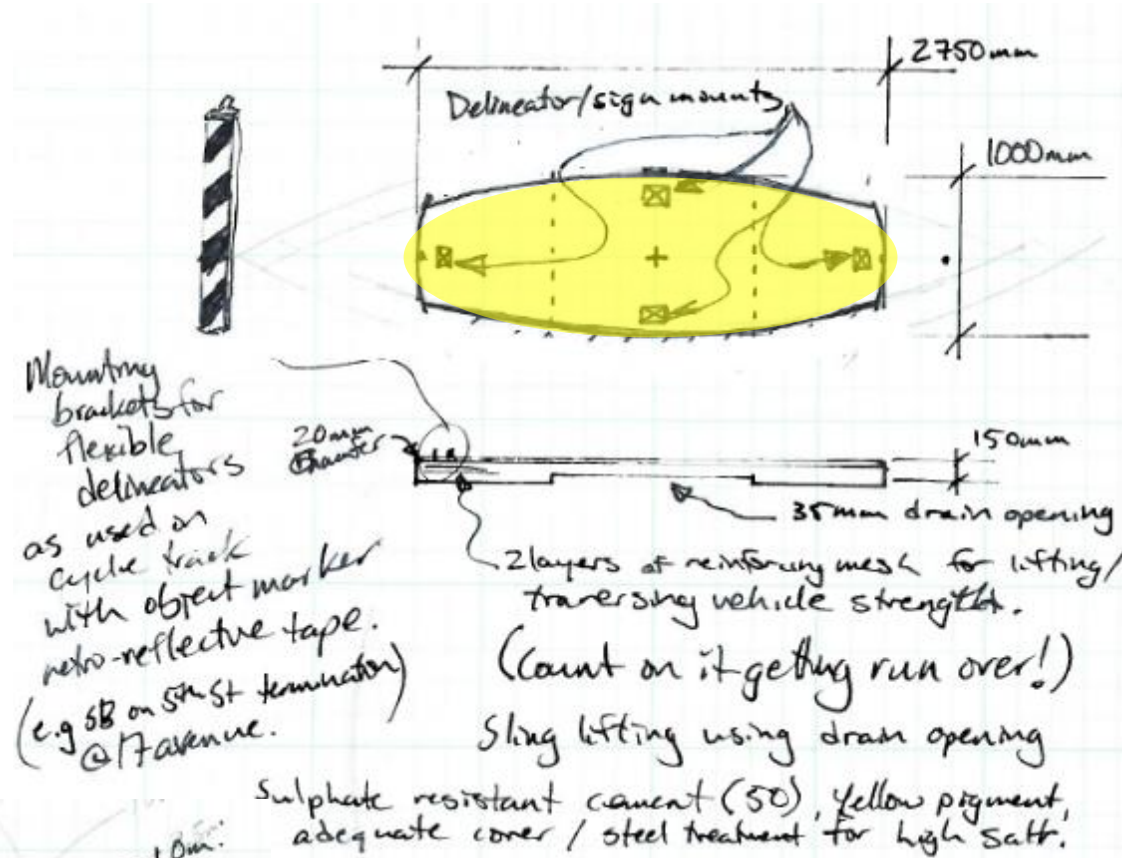
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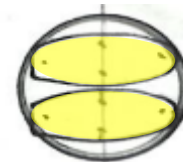
Pre-cast Concrete Low Profile Barriers



Traffic Calming Curb



Two together: Effectively creates a mini-roundabout w/ d of 3.00 m. with 6 sign mounting positions.



Traffic Calming Curb



Traffic Calming Curb



More responsive



Lower cost



Existing drainage



Ability to experiment

Application #1: Bridgeland

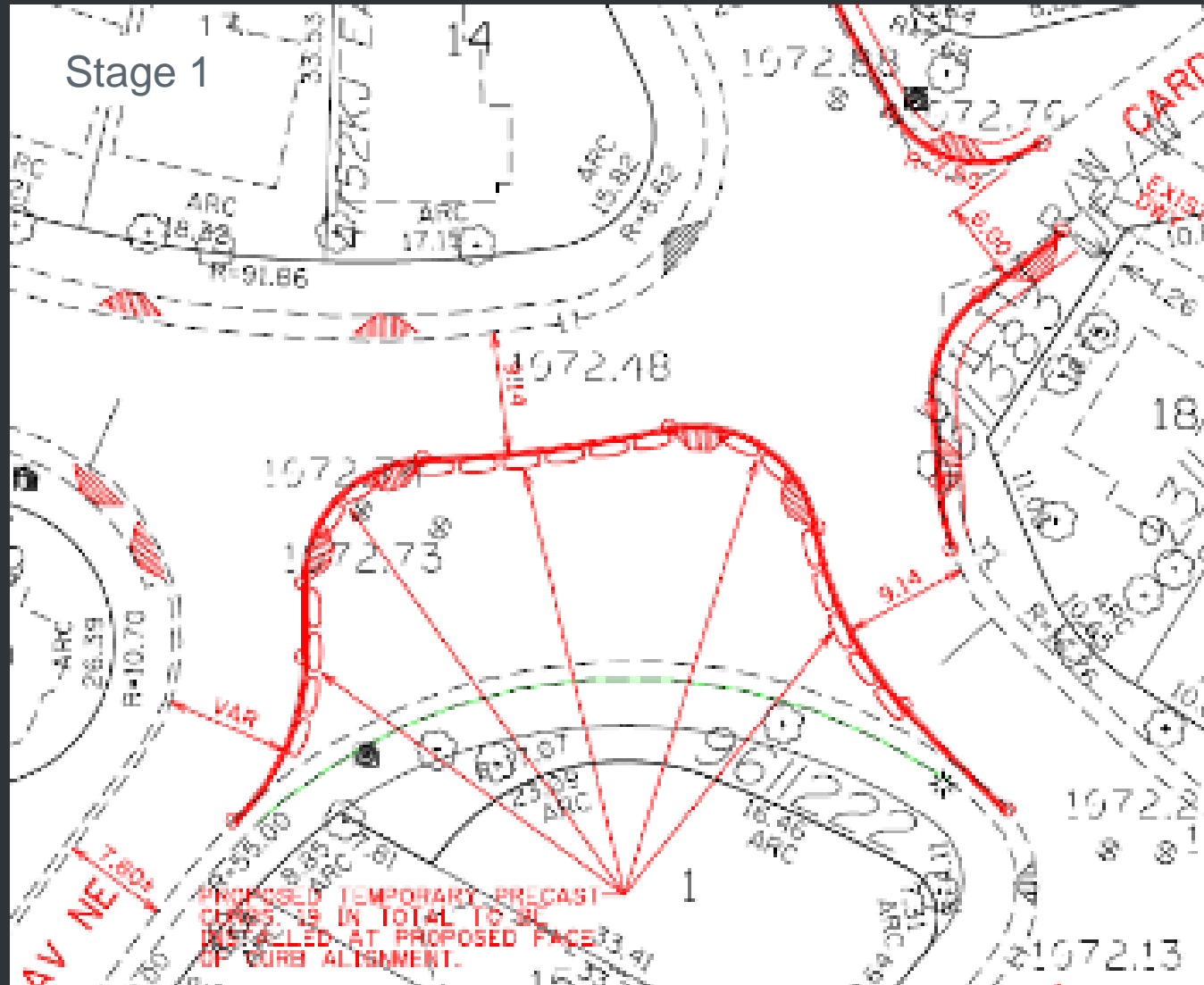


Application #1: Bridgeland



Application #1: Bridgeland





Traffic Calming Curbs Casting and placement



Application #1: Bridgeland

Stage 1





Application #1: Bridgeland

VS.

Traditional curb & gutter design

Construction period in weeks

Cost estimate: \$115,000

Traffic Calming Curbs

Deployed in six hours with two staff

Cost as placed: \$18,000

Application #1: Bridgeland



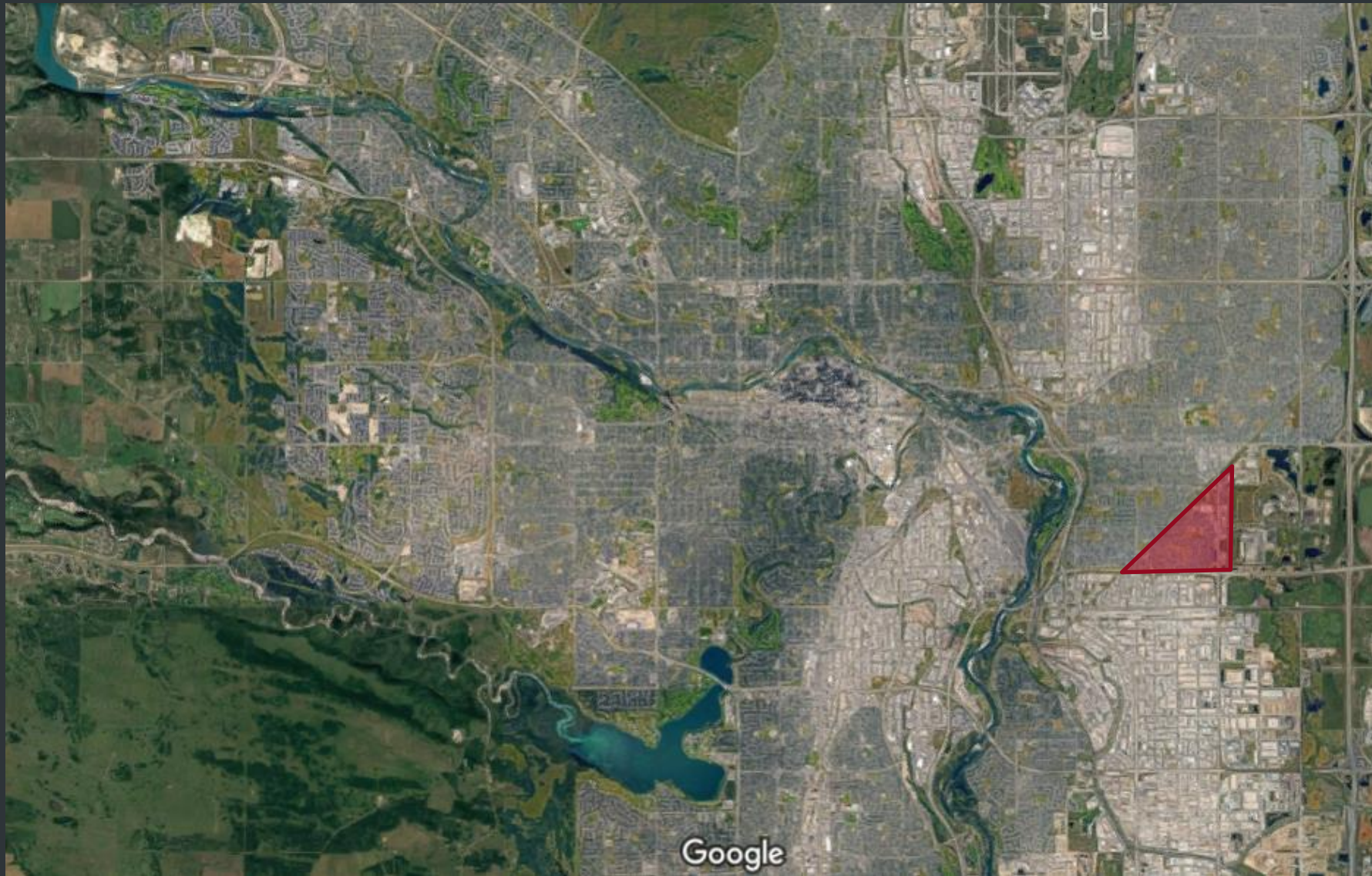
Application #1: Bridgeland

Stage 2



Application #1: Bridgeland

- Community buy-in (try before you buy)
- Potential to adjust and improve
- Traffic Calming curbs are reusable

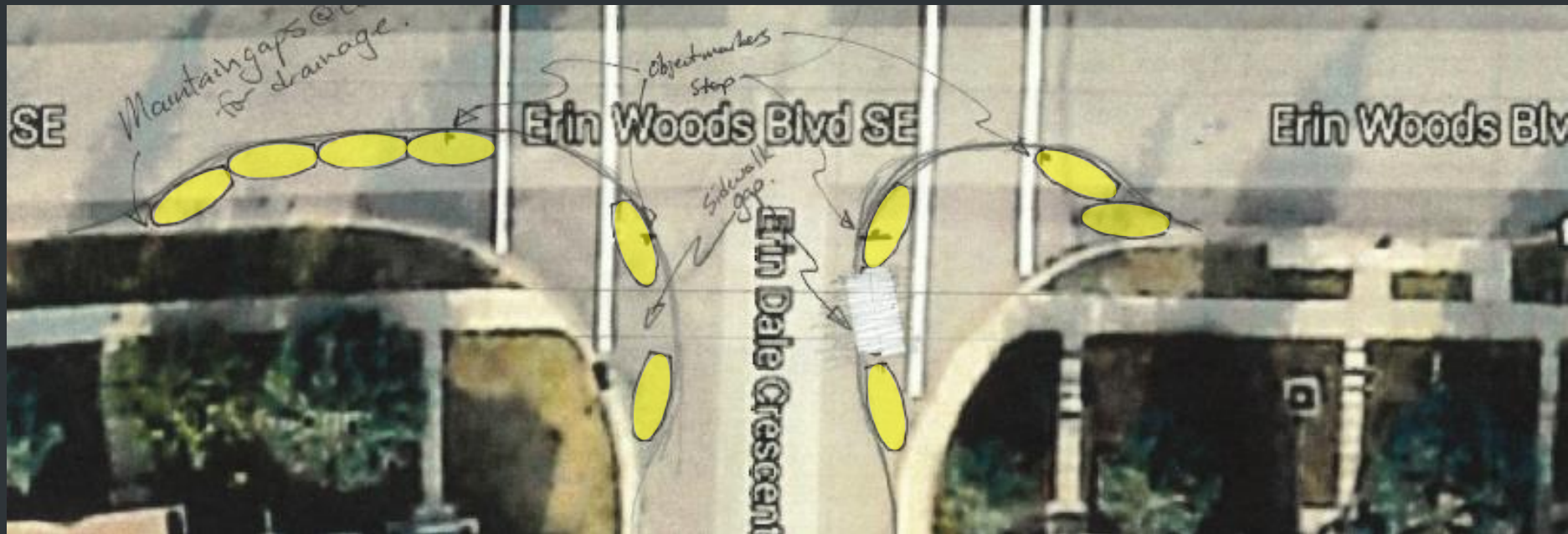




Process



Application #2: Erin Woods



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Application #2: Erin Woods







Erin Woods: Results



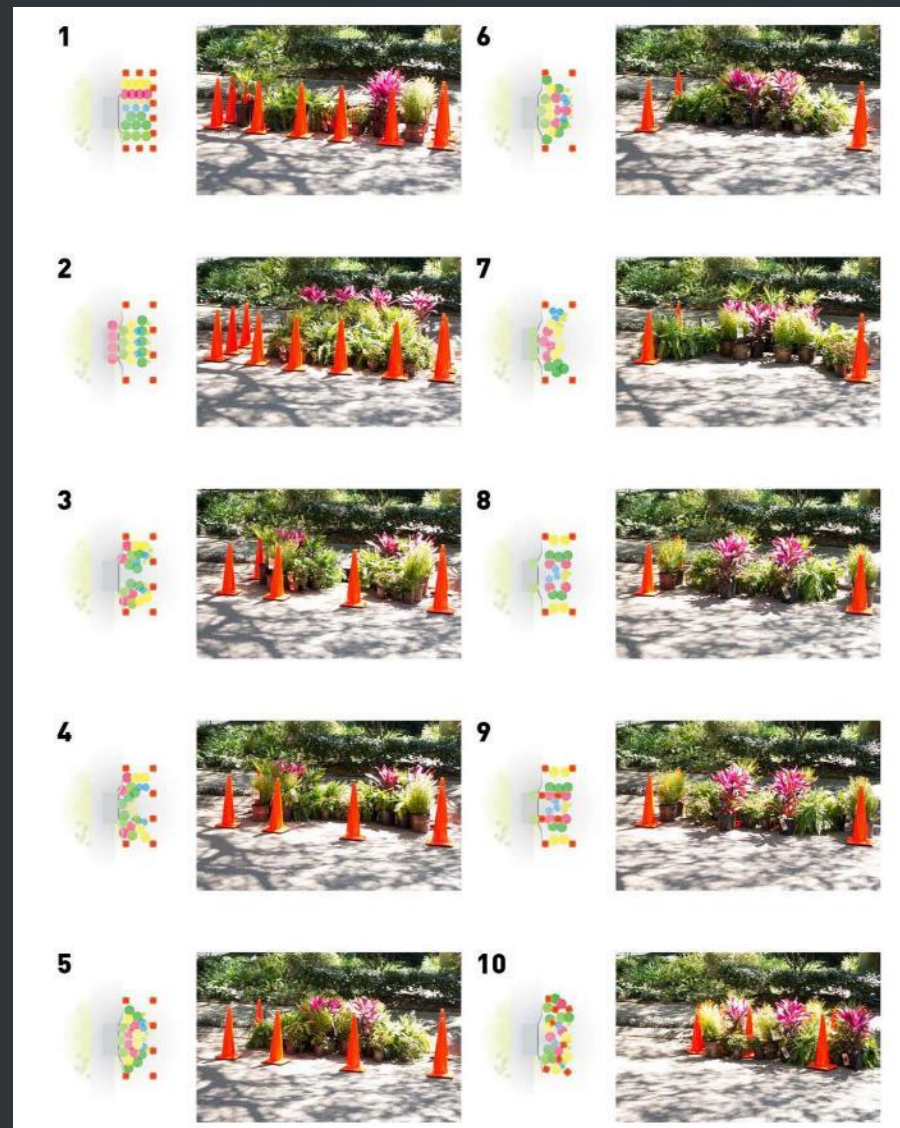
Erin Woods: Lessons learned

Need to pin curbs

Collector streets see
most benefit

Accessibility is a
concern

Next iteration: Cone-versation



Placemaking



Placemaking



Placemaking



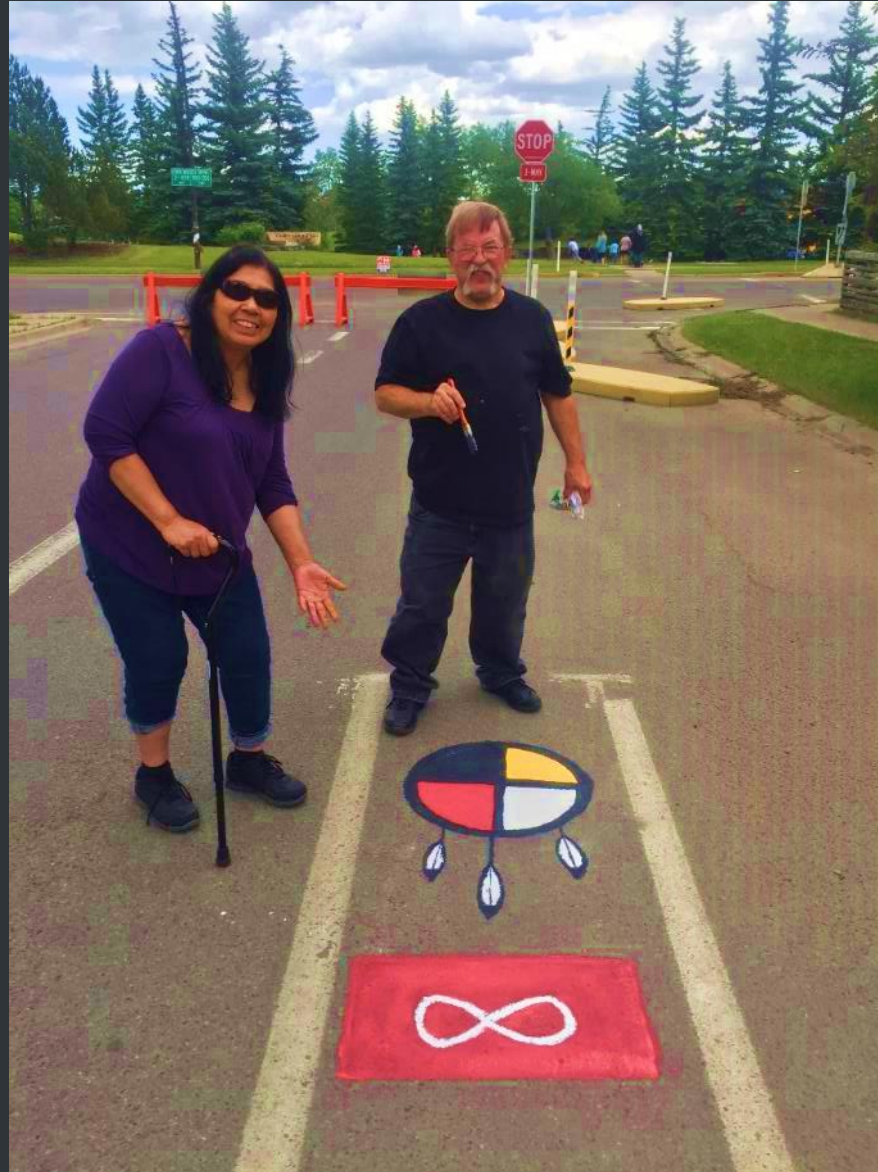




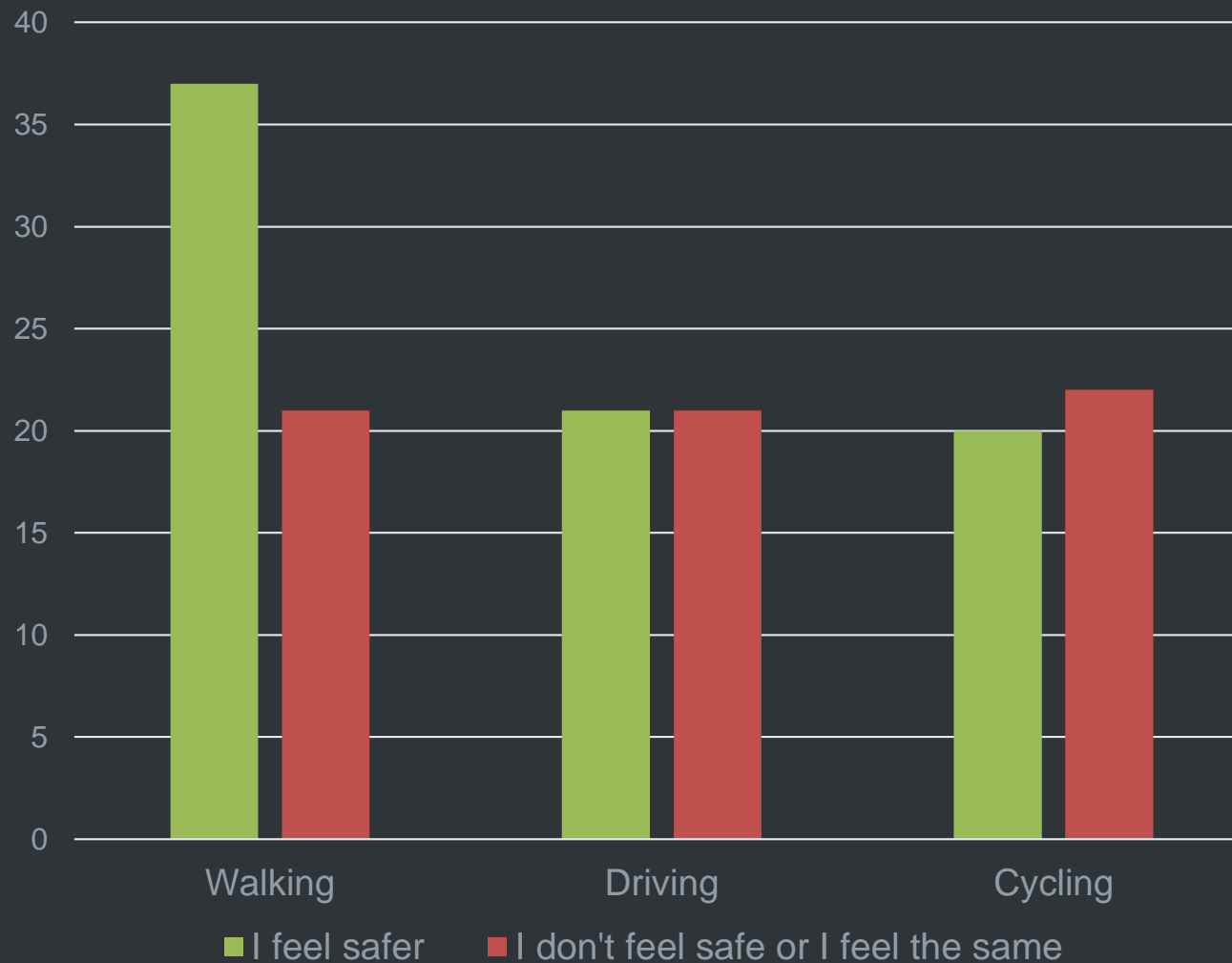
Placemaking



Placemaking



Community Feedback



90
attendees





Potential Future Applications





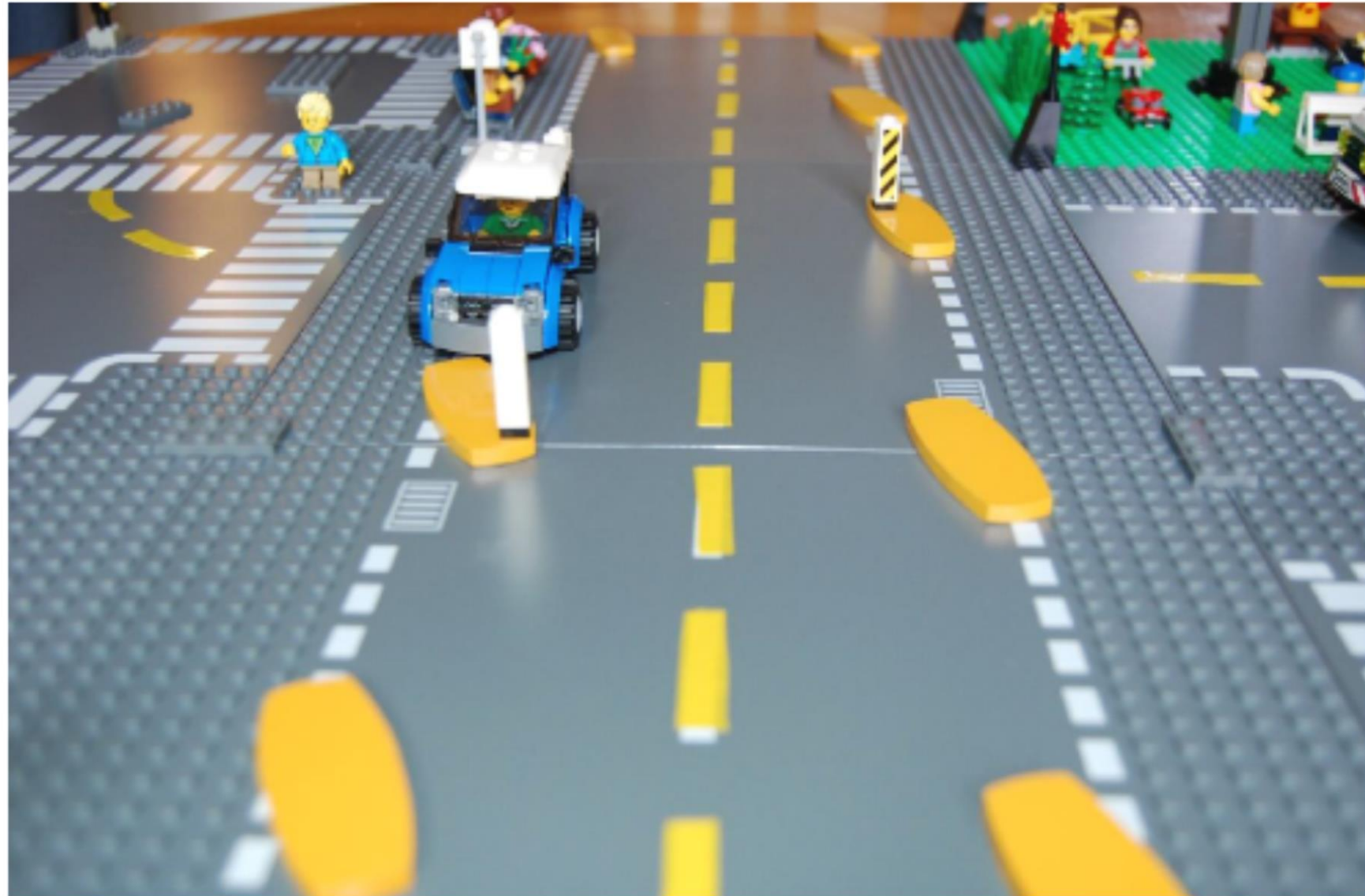
Potential Future Applications



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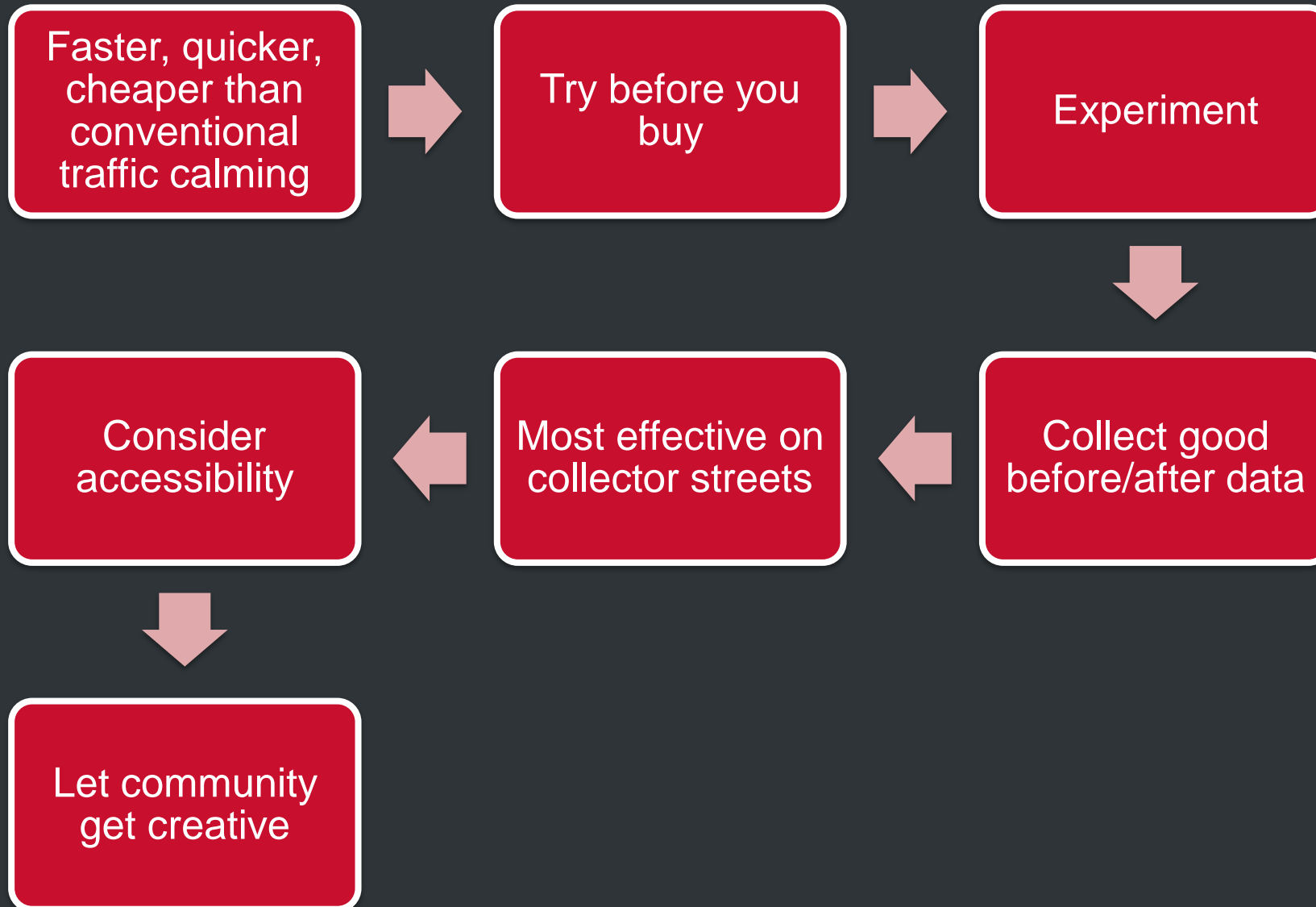


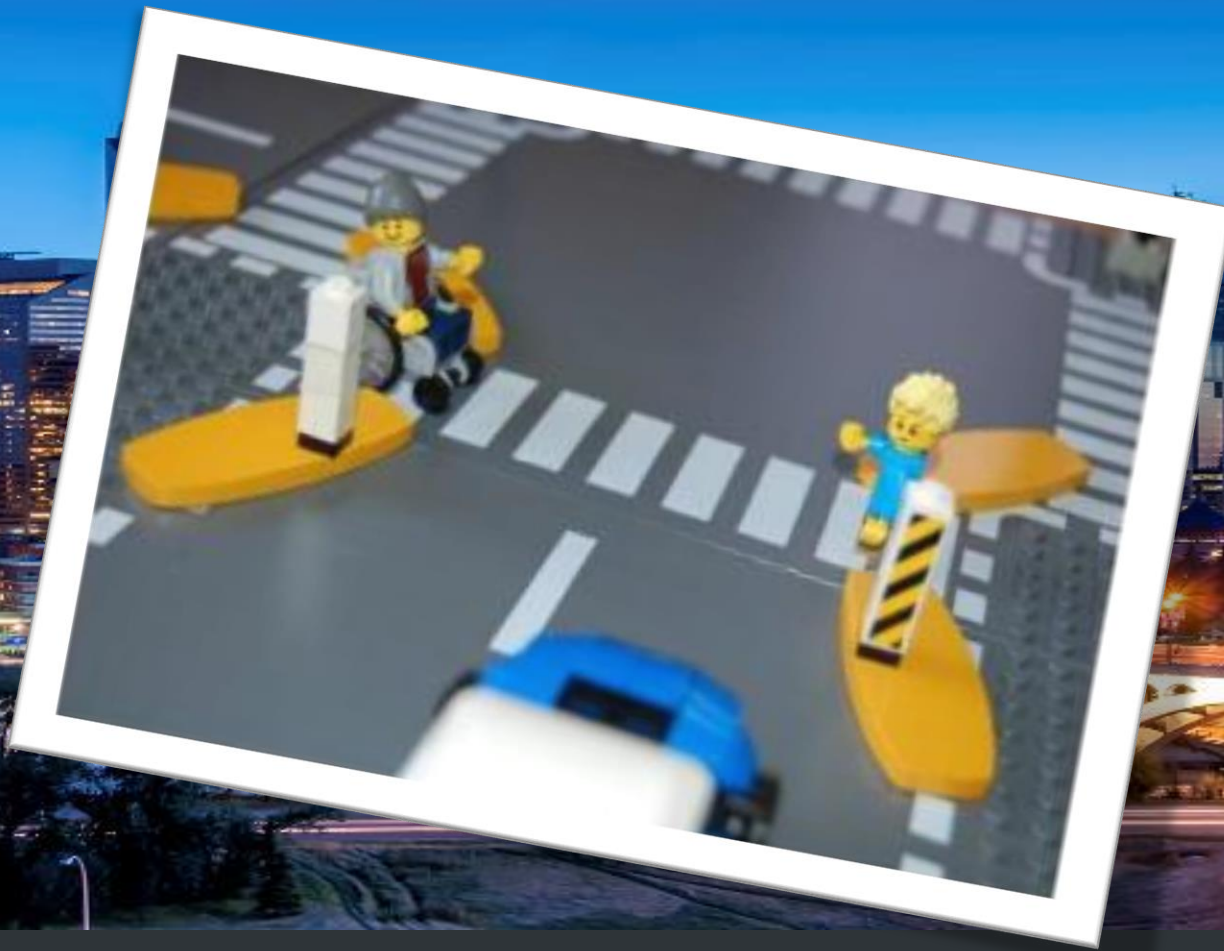
Potential Future Applications






Conclusion





Thank you!

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