

NEIGHBORHOOD TRAFFIC MANAGEMENT PROGRAM



University Park

Rockhurst Blvd & Collegiate Dr

7/16/2025

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Welcome & Overview

Traffic Calming Process

Discussion of Treatments

Next Steps

WHAT IS TRAFFIC CALMING?



Traffic Calming – a combination of ‘*self-enforcing*’ treatments that reduce the negative effects of vehicle speeds.

BROAD TRAFFIC CALMING GOALS:

- Increasing the quality of life;
- Incorporating the preferences and requirements of the people using the area (e.g., working, playing, residing) along the street(s), or at intersection(s);
- Creating safe and attractive neighborhoods;
- Helping to reduce the negative effects of motor vehicles on the environment (e.g., pollution); and/or
- Promoting pedestrian, bicycle & transit use.

Source: ITE website: <https://www.ite.org/technical-resources/traffic-calming/>

WHAT IS **NOT** CONSIDERED TRAFFIC CALMING?



Traffic control/Traffic operations

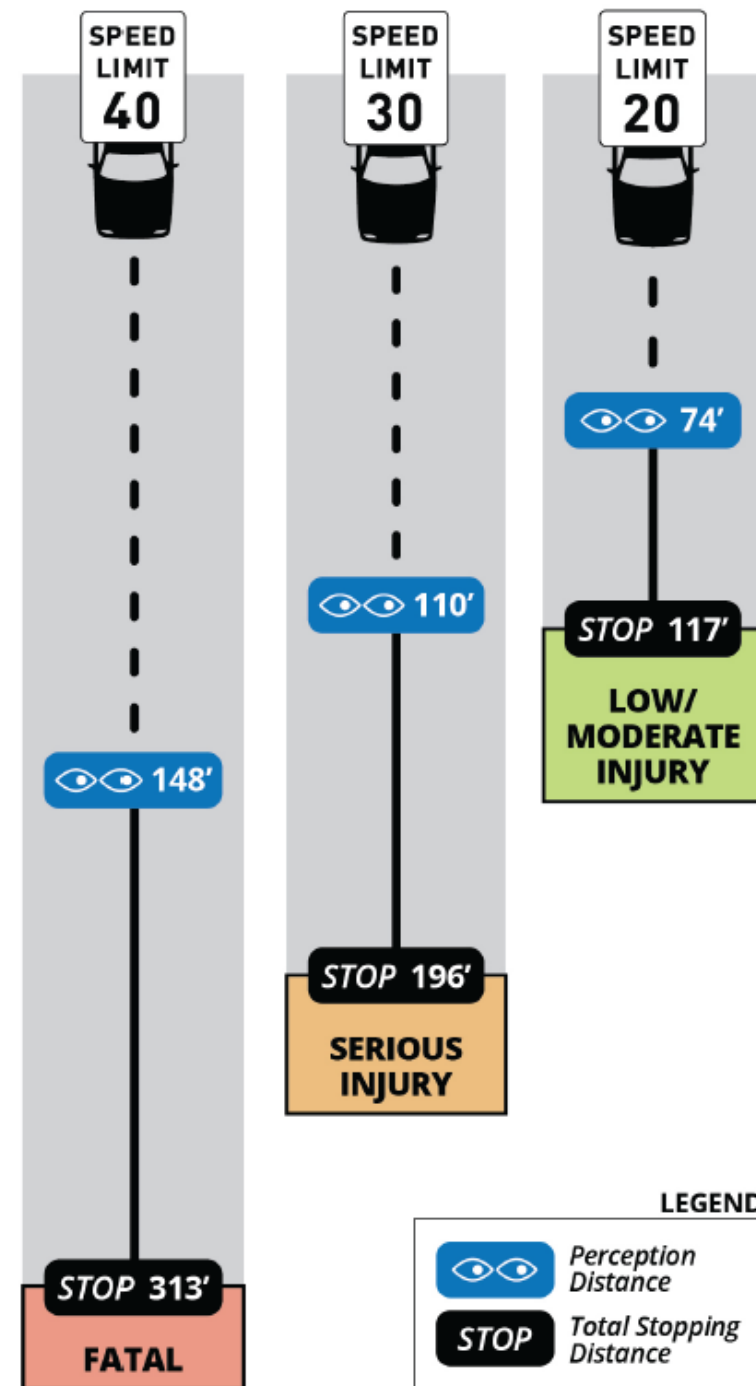
- Stop/Yield sign installation
- Traffic signal installation
- Police enforcement – temporary
- Speed study



Why is Speed Reduction Important?

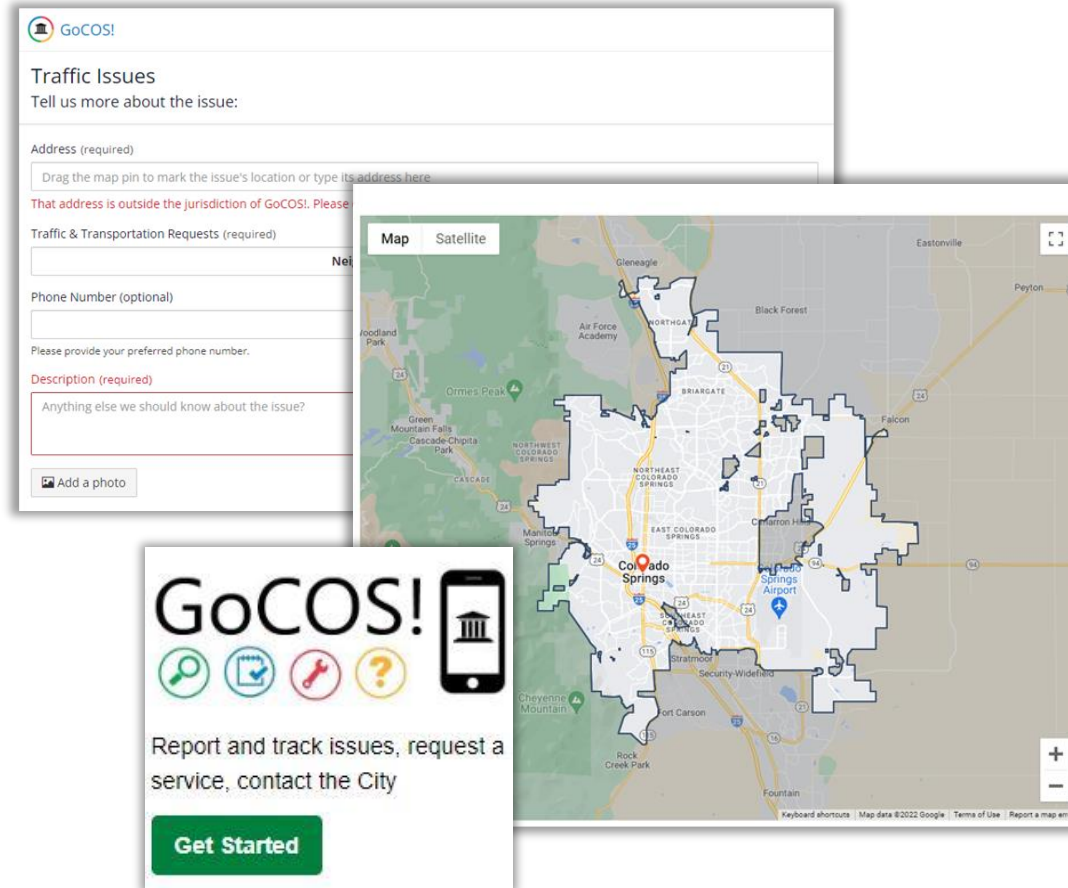
Peripheral vision and **ability to react** are impacted by vehicle speed

Critical for adequate stopping distance to avoid a crash



HOW DO WE SUBMIT A TRAFFIC CALMING REQUEST?

Use the
GoCOS! App



The image displays the GoCOS! app interface. On the left is a form for reporting traffic issues. The form includes fields for 'Address (required)', 'Traffic & Transportation Requests (required)', 'Phone Number (optional)', and 'Description (required)'. There is also an 'Add a photo' button. On the right is a map of Colorado Springs, showing various neighborhoods and landmarks. Below the map is a 'GoCOS!' logo with icons for search, report, request, and help, followed by the text 'Report and track issues, request a service, contact the City' and a 'Get Started' button.

GoCOS!

Traffic Issues

Tell us more about the issue:

Address (required)

Drag the map pin to mark the issue's location or type its address here

That address is outside the jurisdiction of GoCOS!. Please

Traffic & Transportation Requests (required)

Phone Number (optional)

Please provide your preferred phone number.

Description (required)

Anything else we should know about the issue?

Add a photo

GoCOS!

Report and track issues, request a service, contact the City

Get Started

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General Process

1. **Screening:** Submitted through GoCOS! App or phone call
2. **Diagnosis:** Confirmation with *data*
3. **Support & Selection:**
 - **Quick Fix** projects proceed internally, without public meeting
 - **Capital Projects** support from neighborhood is necessary
4. **Evaluation:** implementation and evaluate effectiveness over time

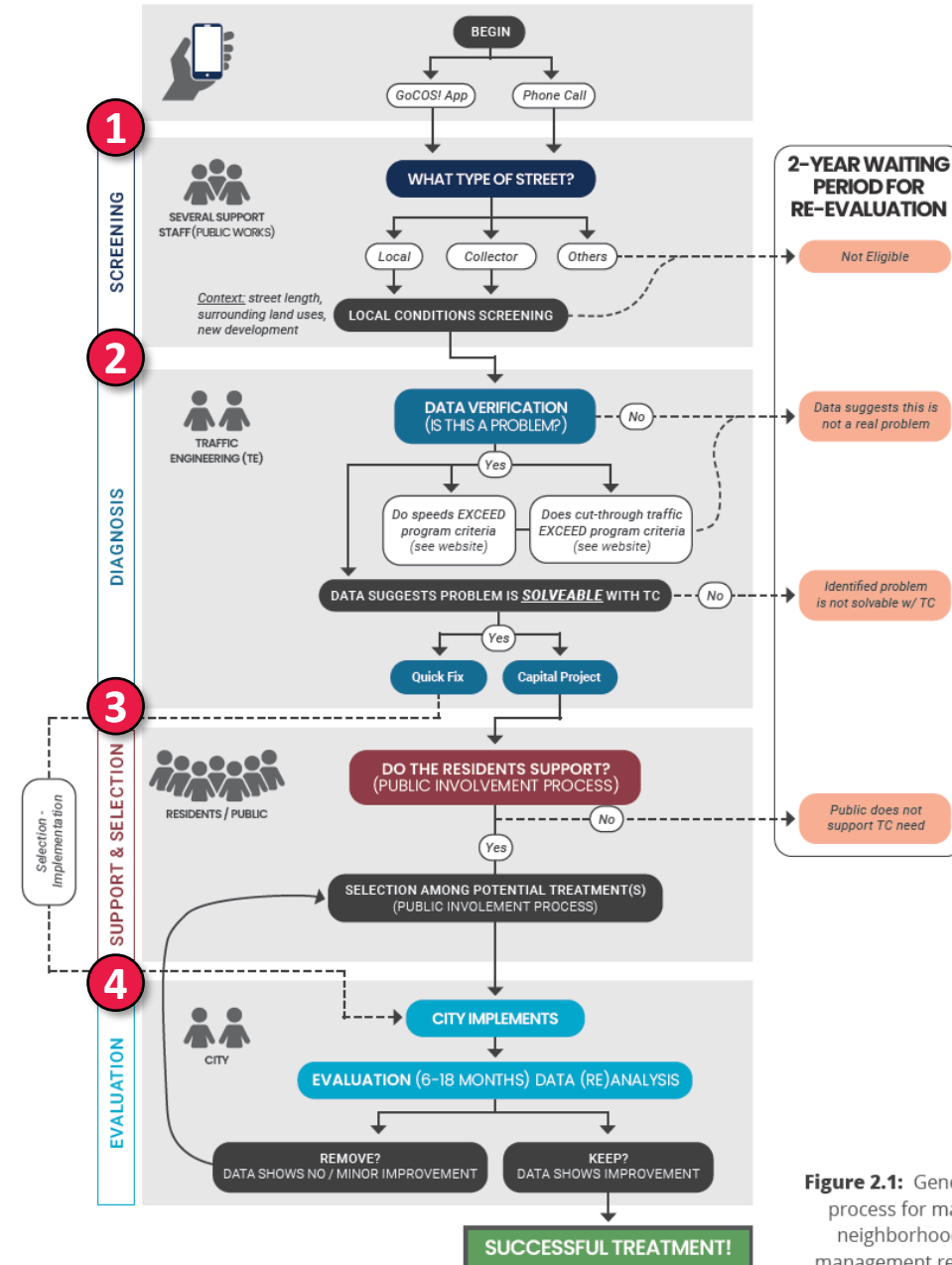
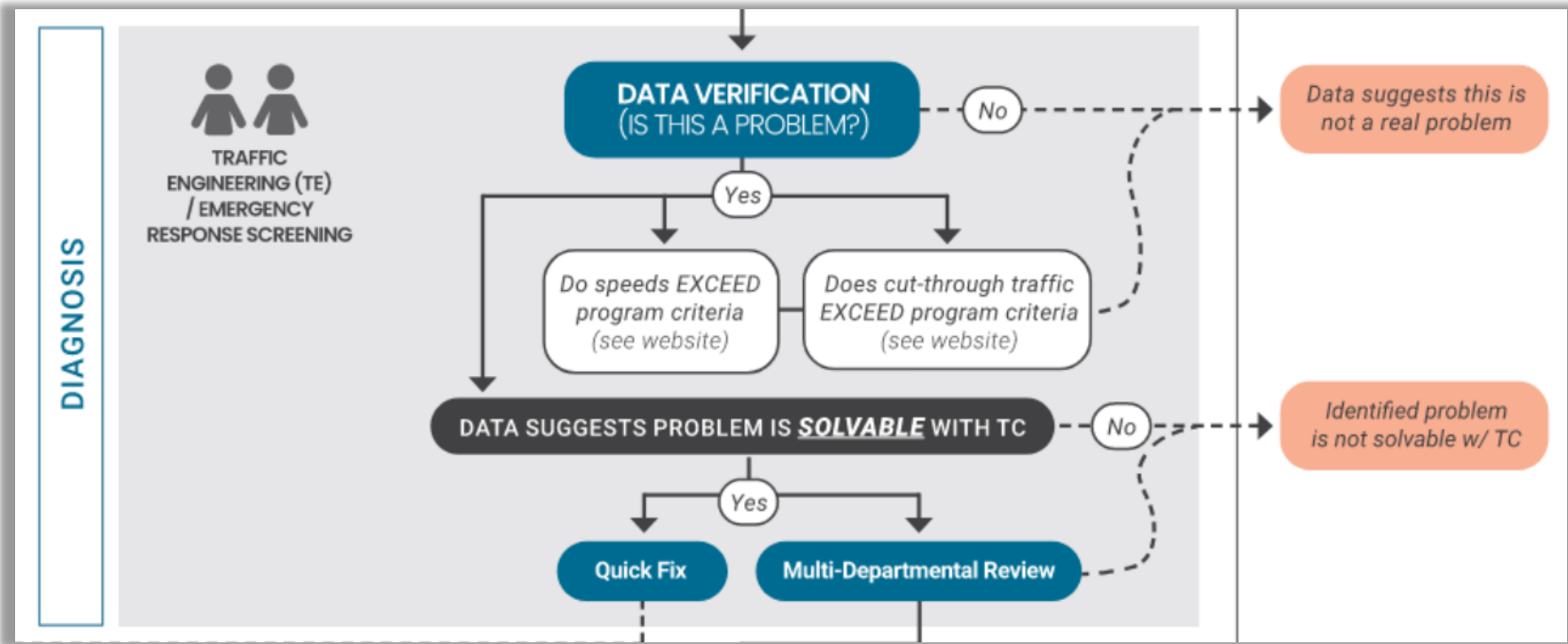


Figure 2.1: Generalized process for managing neighborhood traffic management requests.

DIAGNOSIS PHASE

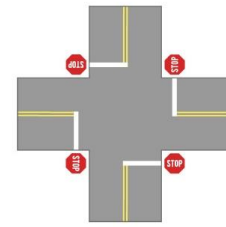
Data Verification of the Problem:



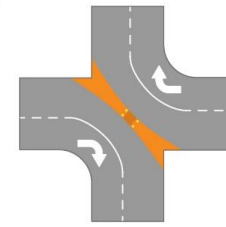
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POTENTIAL TRAFFIC CALMING TREATMENTS

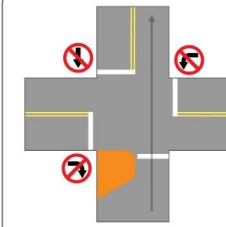
RESTRICTION



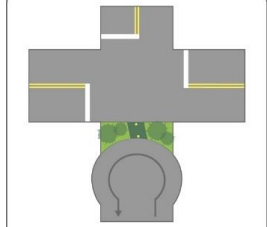
All-Way Stops



Diagonal Diverter

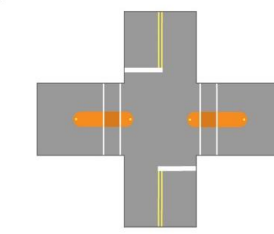


Semi-Diverter

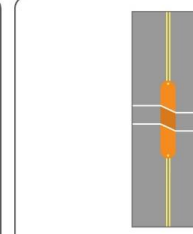


Road Closure

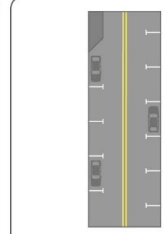
REPURPOSE



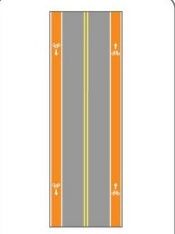
Median Island (*Intersection*)



Median Island (*Mid-Block*)



On-Street Parking



Bicycle Lanes

BEHAVIOR



Street Events



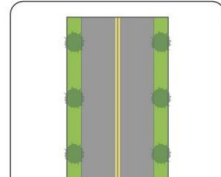
Enforcement



Parklet

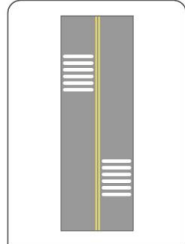


Unique Signage

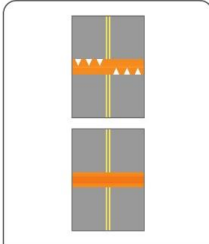


Streetscaping

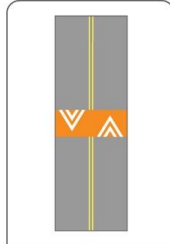
DRIVE OVER



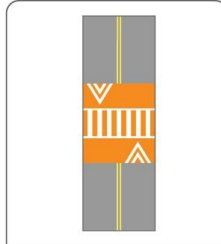
Rumble Strips



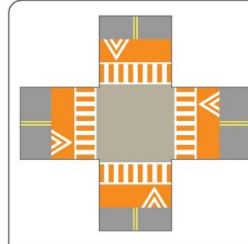
Speed Bump/Dip



Speed Hump

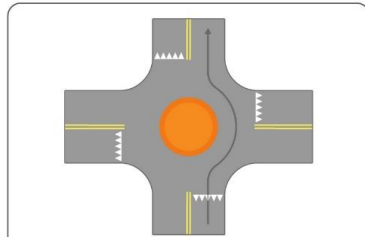


Raised Crosswalk

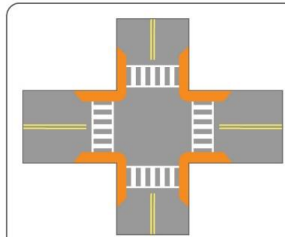


Raised Intersection

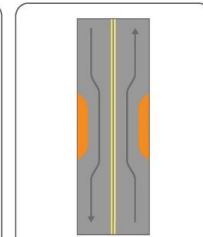
DRIVE AROUND



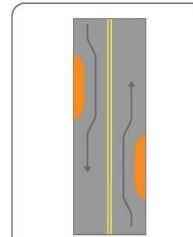
Neighborhood Traffic Circle



Curb Extension



Choker

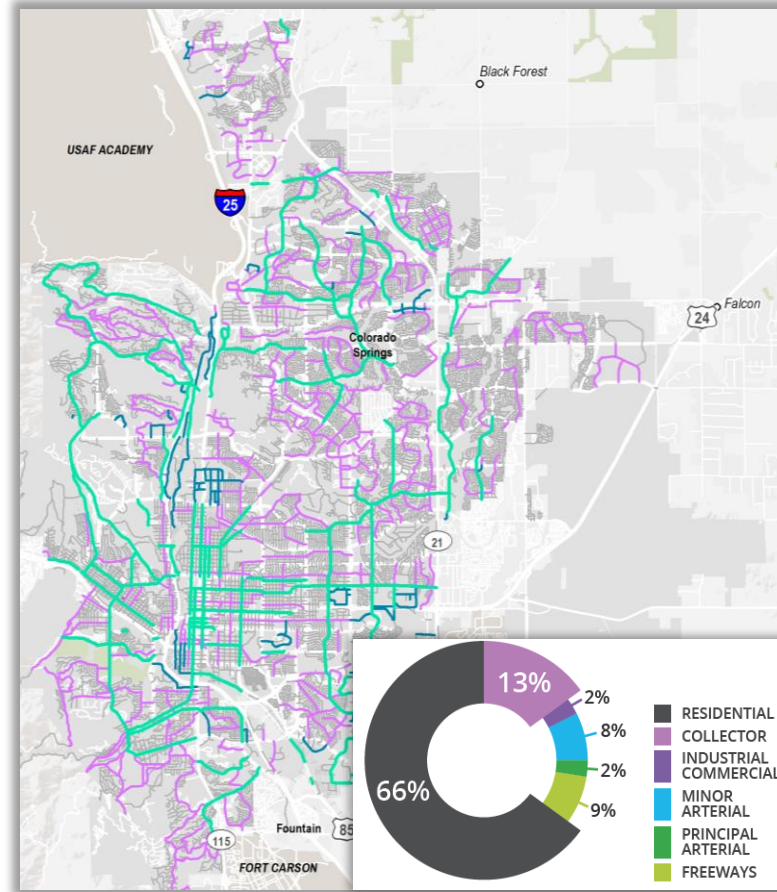


Chicane

STREET TYPES

Not all roads are eligible for traffic calming

Street Type		Color	Miles
City-maintained	Freeway / Expressway / Parkway		32
	Principal Arterial		159
	Minor Arterial		144
	Industrial / Commercial		40
Eligible for Traffic Calming	Collector		231
	Residential		1,183



Residential Roadways





Mallow Road



Collector Roadways

Van Buren Street

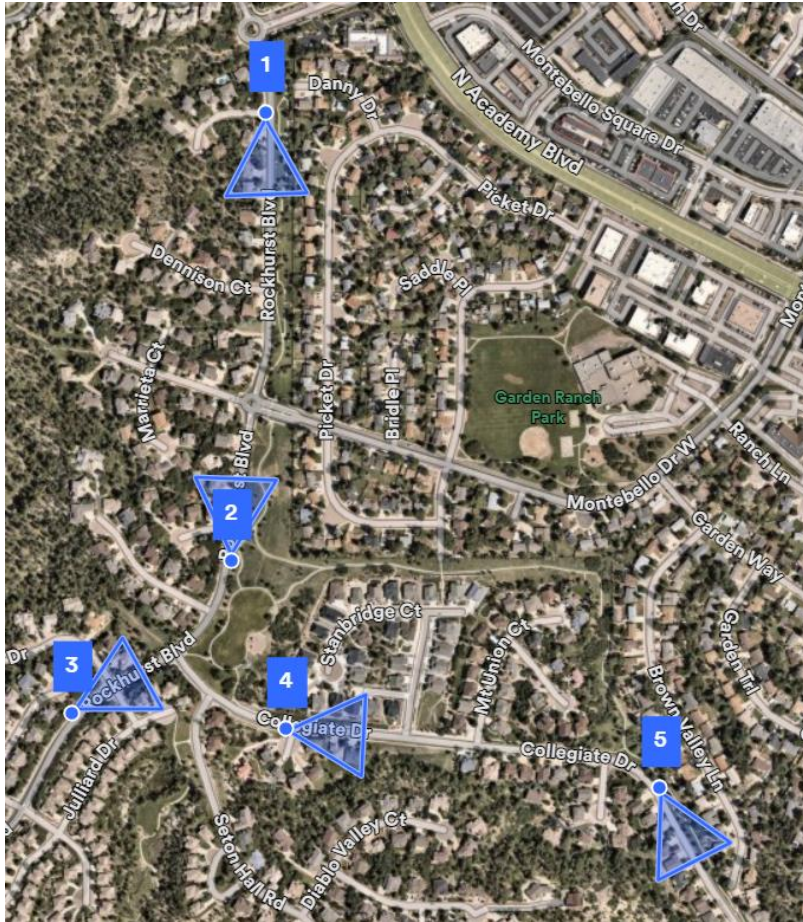
TREATMENTS BY STREET TYPES

*Living document
Continually revised*

● Recommended
— Not Recommended

	Treatment	Residential <=28' wide	Residential >28' wide	Collector <= 36' wide	Collector > 36' wide	Industrial / Commercial	Minor Arterial
Low-Impact	Speed Humps	●	●	●	●	—	—
	Speed Dip	●	●	●	●	—	—
	Curb Extension	●	●	●	●	●	●
	Choker	●	●	●	●	—	—
	Chicane (off-set Choker)	●	●	●	●	—	—
	Raised Crosswalk	●	●	●	●	—	—
High-Impact	Raised Intersection	●	●	●	●	Not Eligible for Neighborhood Traffic Calming	
	Neighborhood Traffic Circle <i>(mini)</i>	●	●	●	●		
	Pedestrian Refuge Island	—	●	●	●	●	●
	Median Island	●	●	●	●	●	●
	Semi-Diverter / Partial Closure	●	●	●	—	—	—
	On-street Parking <i>(fire lanes)</i>	●	●	●	●	●	●
	Bike Lanes	—	—	●	●	●	●
Other	Unique signage	●	●	●	●	●	●
	Streetscaping	—	—	—	●	—	—
	Speed Safety Camera <i>(mobile)</i>	—	●	●	●	●	●
	Speed Safety Camera <i>(fixed-permanent)</i>	—	—	●	●	●	●

STUDY AREA



Technical Specs of Radar Collection Equip

- “Visible” range of approx 300’
- Beam angles of 60° horizontal and 20° vertical
- Pings each vehicle 12 times, retains highest speed in range
- Does not collect less than 12mph
- Accuracy 97% for counts and +/- 0.6 mph for speeds (dependent on roadway factors)

DATA COLLECTED



Rockhurst Blvd & Collegiate Dr (posted 25 mph)	50 th Percentile Speed (mph)		85 th Percentile Speed (mph)		Daily Volume		% of vehicles 10+ mph over speed limit		Max Speed Observed (mph)	
	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB
Feb 27, 2025										
#1 Rockhurst @ Milliken: 24h	35	33	39	37	869	885	53%	34%	52	50
#2 Rockhurst @ Langston: 24h	33	32	37	36	1332	1128	34%	26%	49	52
#3 Rockhurst @ Cornerstone: 24h	31	31	36	35	734	700	23%	19%	48	50
#4 Collegiate @ St Augustine: 24h	34	33	38	37	1050	1191	48%	32%	52	61
#5 Collegiate @ Hillsdale: 24h	32	32	36	36	1091	1245	28%	27%	46	51

OBSERVATIONAL FACTORS

- Multiple cyclists observed
- Bump outs on Collegiate Dr
- Steep grades
- Cars parked on street (in bike lane)



WHAT CAN BE DONE FOR OUR STREET?



Rockhurst Blvd

1. Speed Hump
2. Bump out
3. Raised ped crossing
4. Bike lane paint/signage
5. Speed feedback signs

Collegiate Dr

1. Speed hump
2. Existing bump out change
3. Bike lane paint/signage
4. Speed feedback signs

POSSIBILITIES

Speed Hump



POSSIBILITIES

Speed Hump with bump out



POSSIBILITIES

Bump outs



POSSIBILITIES

Raised ped crossings



POSSIBILITIES

Bike lane signs and markings



POSSIBILITIES

Dynamic speed feedback signs

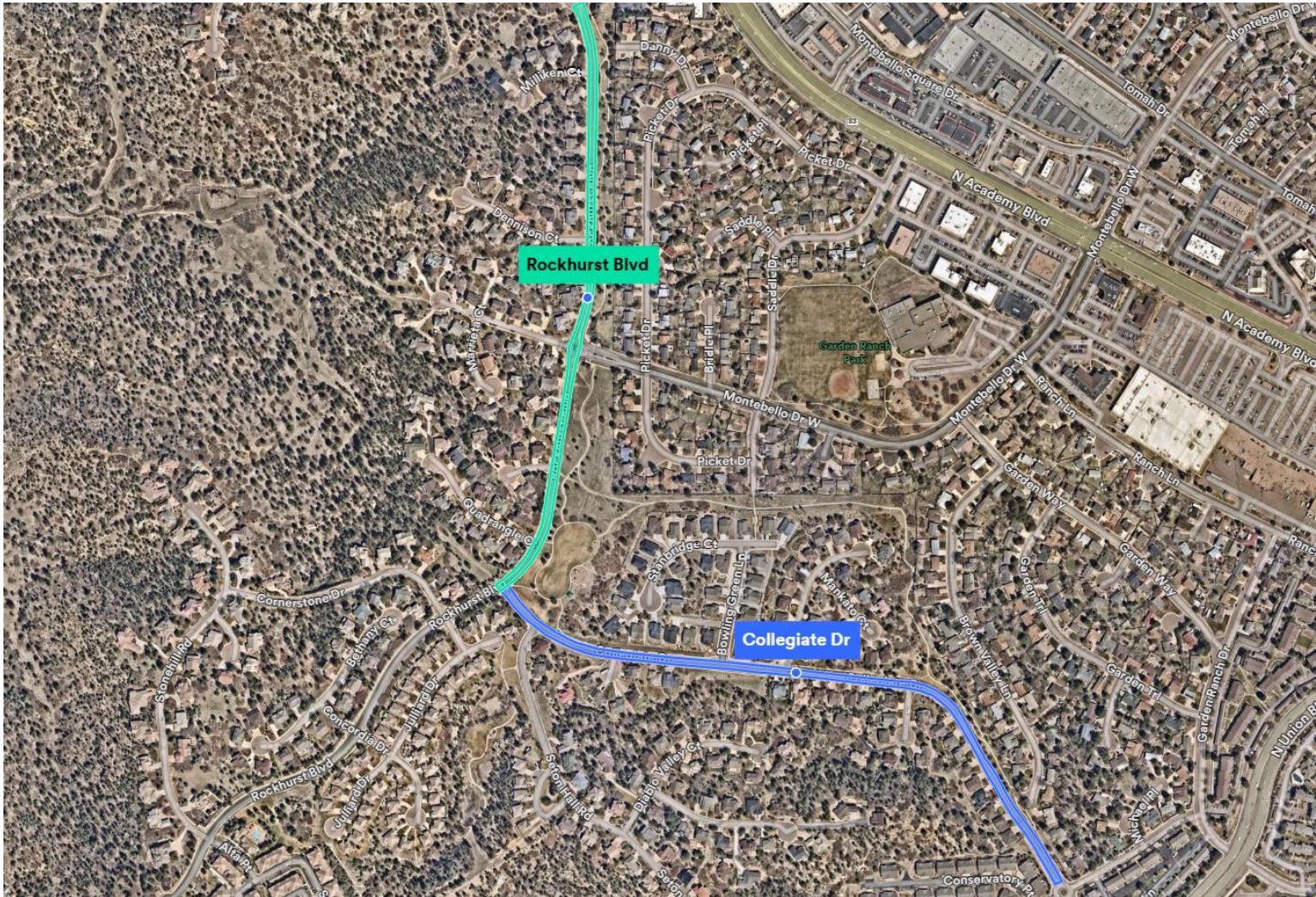


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NEXT STEPS

- ☒ Pre Screening
- ☒ Current Diagnosis
- ☐ Support & Discussion
- ☐ Post Evaluation

AREA MAP



SURVEY



Please take a moment to engage in a short feedback survey.

If you would prefer – there are physical handouts of this to take home, and it will be posted online.

Survey web address:
<https://arcg.is/05j1rD1>

