

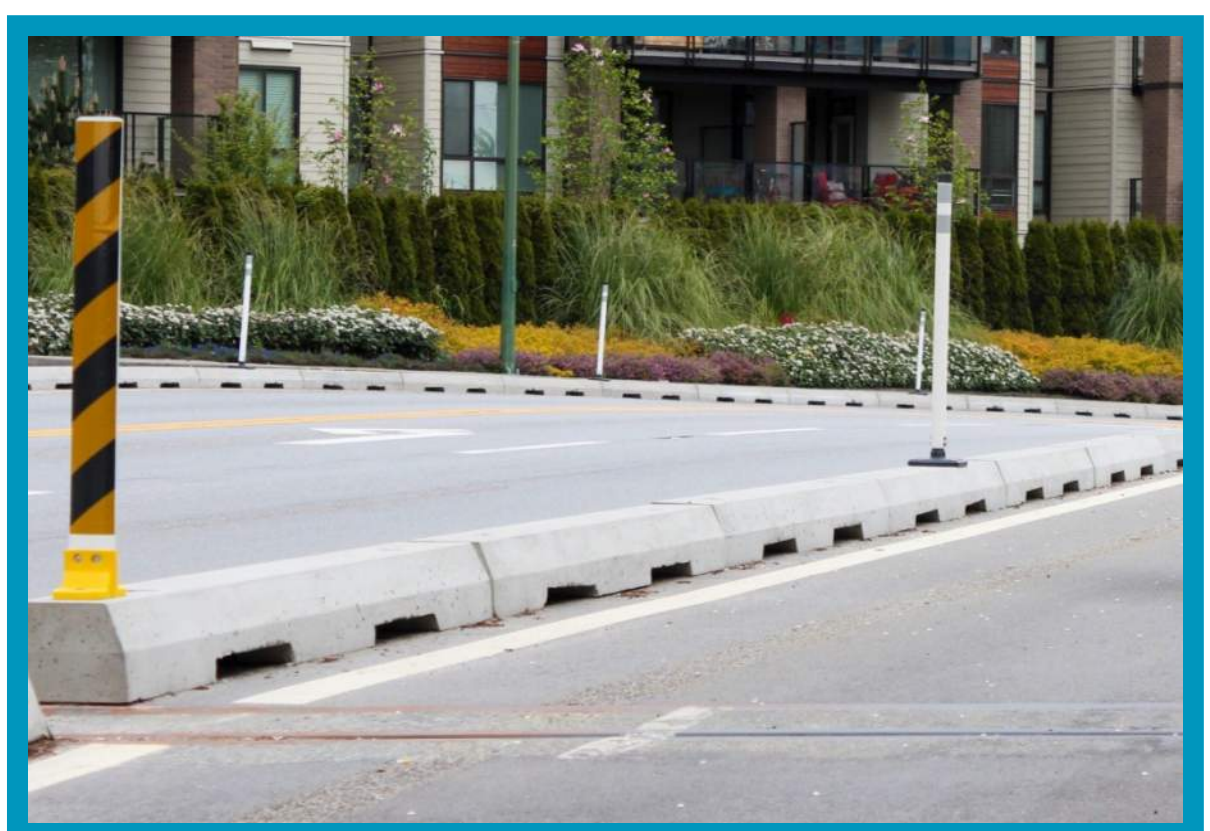
MATCHLINE FOR CONTINUATION, SEE SHEET 02

DID YOU KNOW?
 Narrower streets encourage lower vehicle speeds **while maintaining the same capacity** as wider streets. This creates a **safer street for people** both inside and outside of vehicles.

Petritsch, T. (2008). *The Influence of Lane Widths on Safety and Capacity*. Sprinkle Consulting & the National Association of Transportation Officials. Retrieved from https://nacto.org/docs/usdg/lane_widths_on_safety_and_capacity_petritsch.pdf



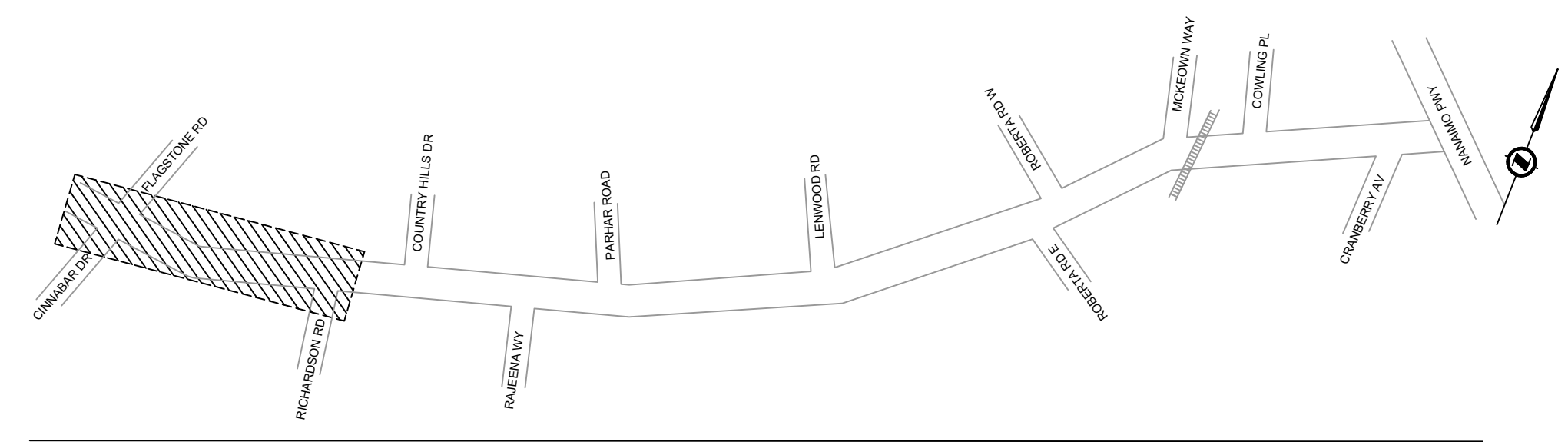
CONCRETE MEDIANS FOR TRAFFIC CALMING



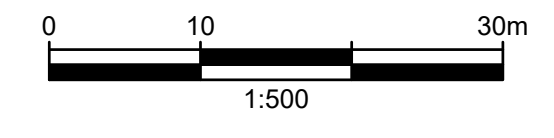
FLEXIBLE POSTS AND CONCRETE PARKING CURBS TO NARROW STREET



RAISED PEDESTRIAN CROSSING WITH SIGNAGE FOR TRAFFIC CALMING



KEY PLAN



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Reference data

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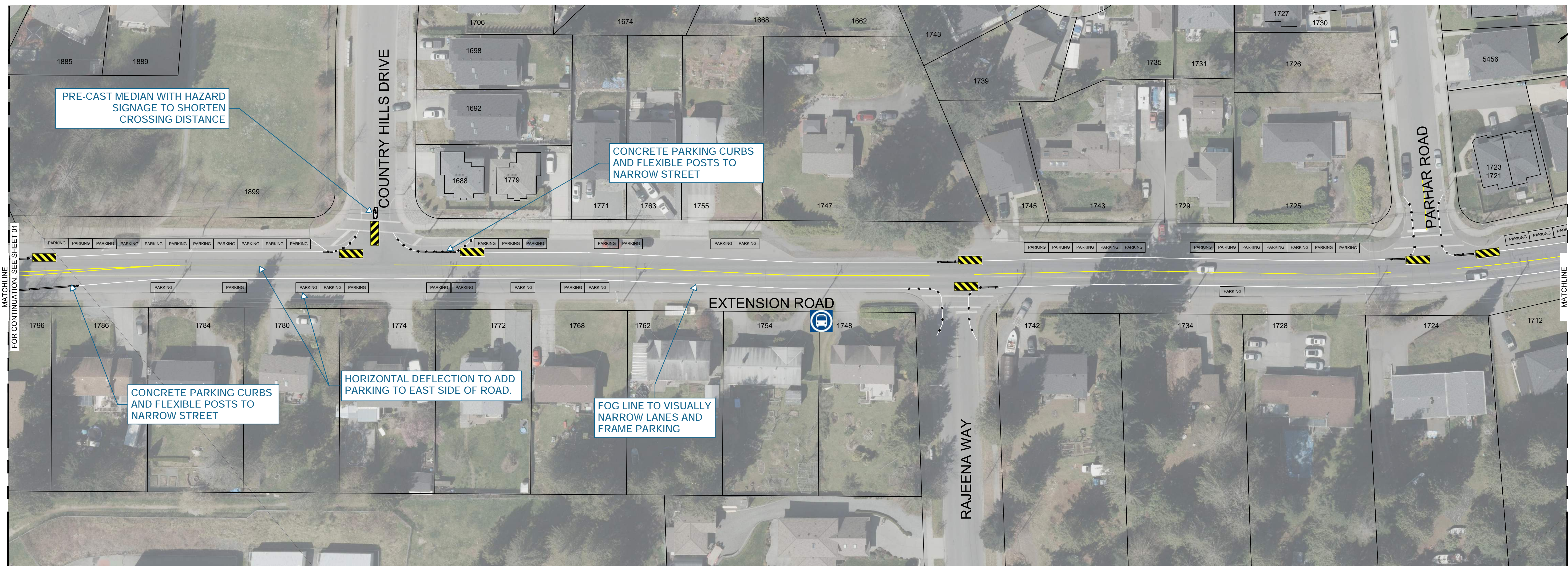
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 Consult Dwg: 33003 Sheet 01 of 05
 Eng File No. _____
 Dwg No. _____

Project: EXTENSION ROAD TRAFFIC CALMING
 Title: EXTENSION ROAD



MATCHLINE FOR CONTINUATION, SEE SHEET 01

MATCHLINE FOR CONTINUATION, SEE SHEET 03

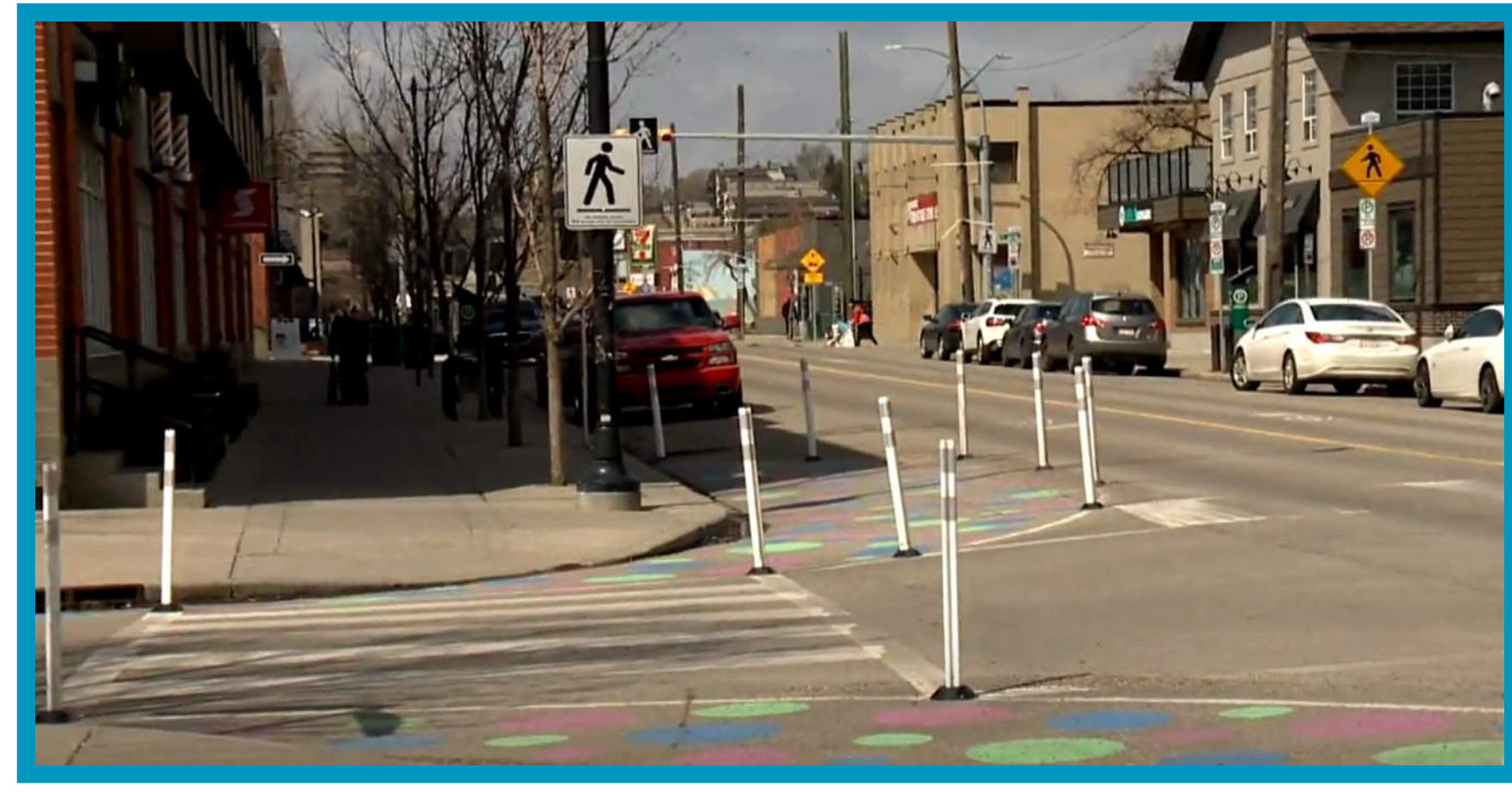
DID YOU KNOW?

An adult struck by a vehicle traveling at **65km/h** is more than **5 times as likely to be killed** than by a vehicle traveling at **50km/h**. When speeds are less than 50km/h, the risk of death is **less than 10%**.

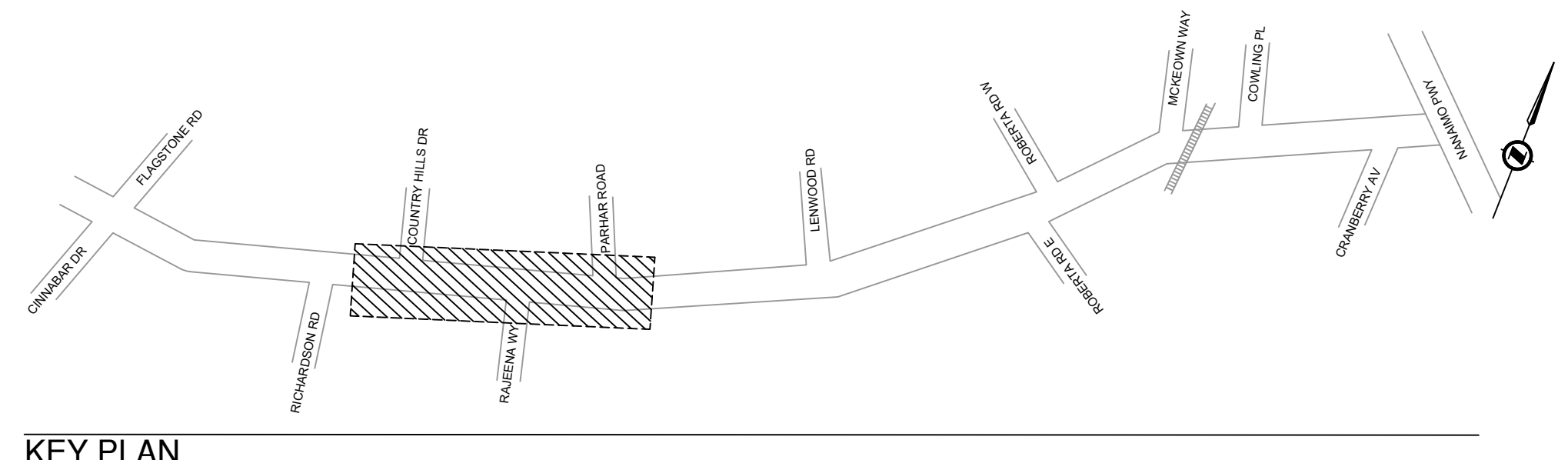
Richards, D.C. (2010). *Relationship between speed and risk of fatal injury: Pedestrians and Car Occupants*. Department for Transport, London: Transport Research Laboratory. Retrieved from https://nacto.org/docs/usdg/relationship_between_speed_risk_fatal_injury_pedestrians_and_car_occupants_richards.pdf



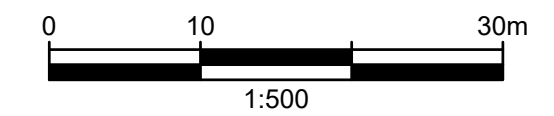
FLEXIBLE POSTS TO REDUCE CROSSING DISTANCE



PRE-CAST MEDIAN WITH HAZARD SIGNAGE FOR TRAFFIC CALMING



KEY PLAN



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 Eng File No. _____
 Dwg No. _____

Project: EXTENSION ROAD TRAFFIC CALMING
 Title: EXTENSION ROAD



DID YOU KNOW?

Wide turns at intersections encourage higher vehicle speeds. Curb extensions create **safer intersections** by reducing vehicle speeds with tighter turns and **shortening the crossing distance** for people walking.

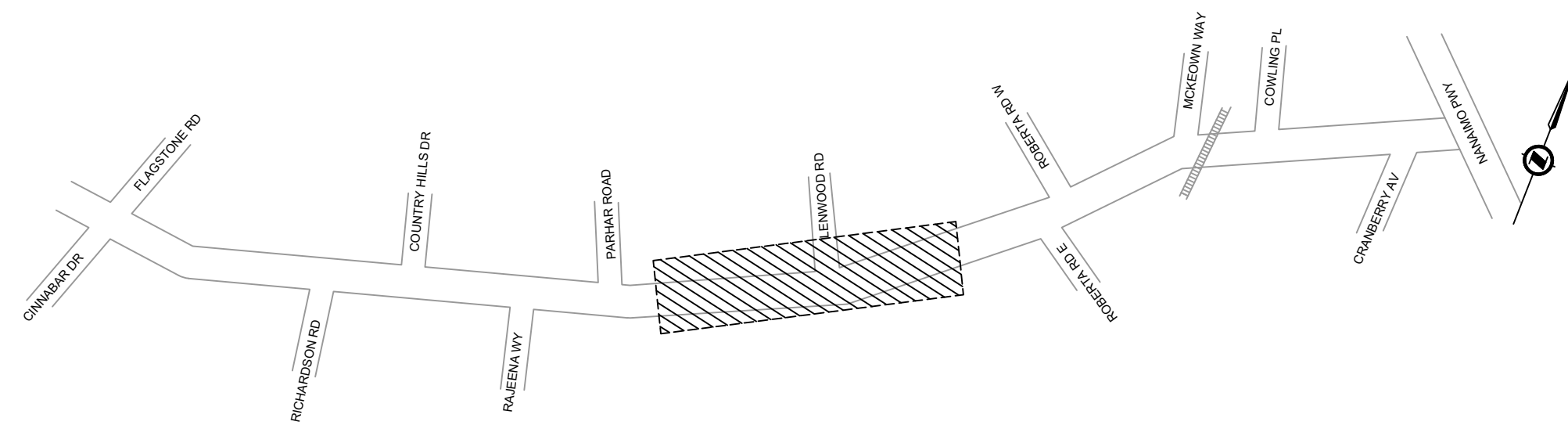
Levine, K. (2012). *Curb Radius and Injury Severity at Intersections*. Institute of Transportation Studies Library, UC Berkeley. Retrieved from https://nacto.org/docs/usdg/curb_radius_and_injury_severity_at_intersections_levine.pdf



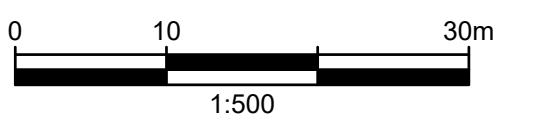
CONCRETE BUS STOP PAD



FLEXIBLE POSTS TO TIGHTEN CORNER RADIUS AND REDUCE PEDESTRIAN CROSSING DISTANCES



KEY PLAN



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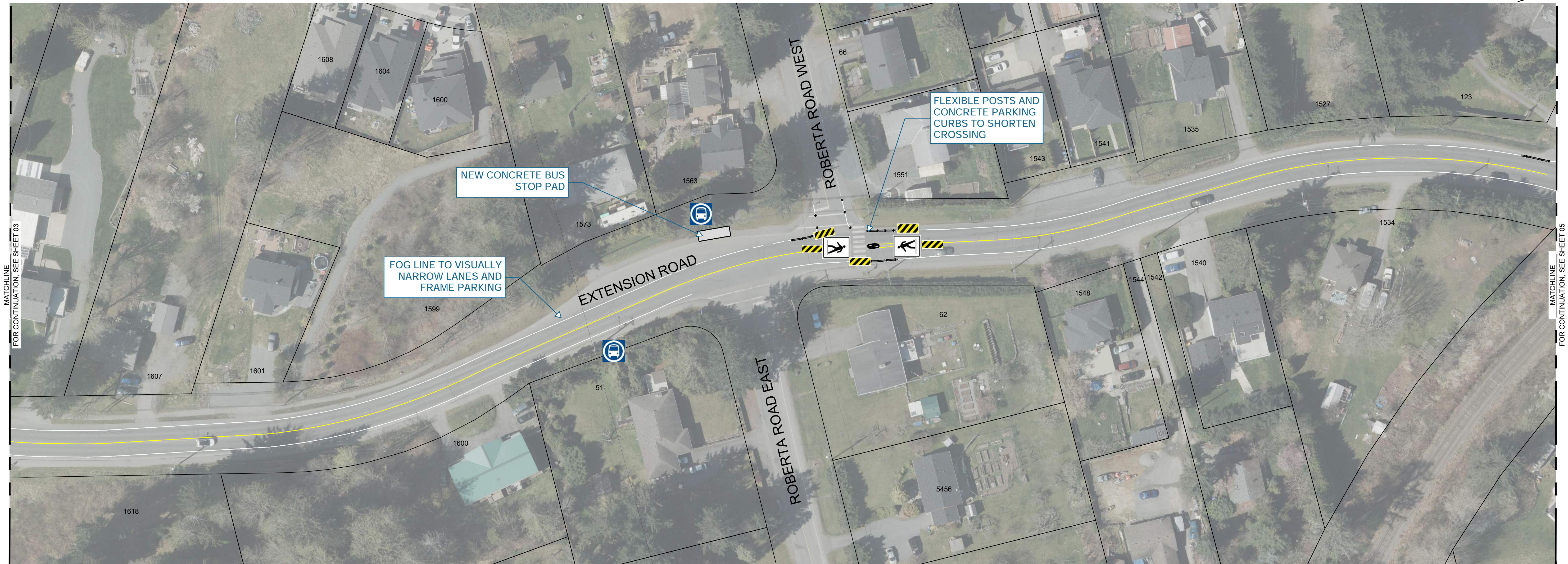
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Project
 EXTENSION ROAD TRAFFIC CALMING
 Title
 EXTENSION ROAD

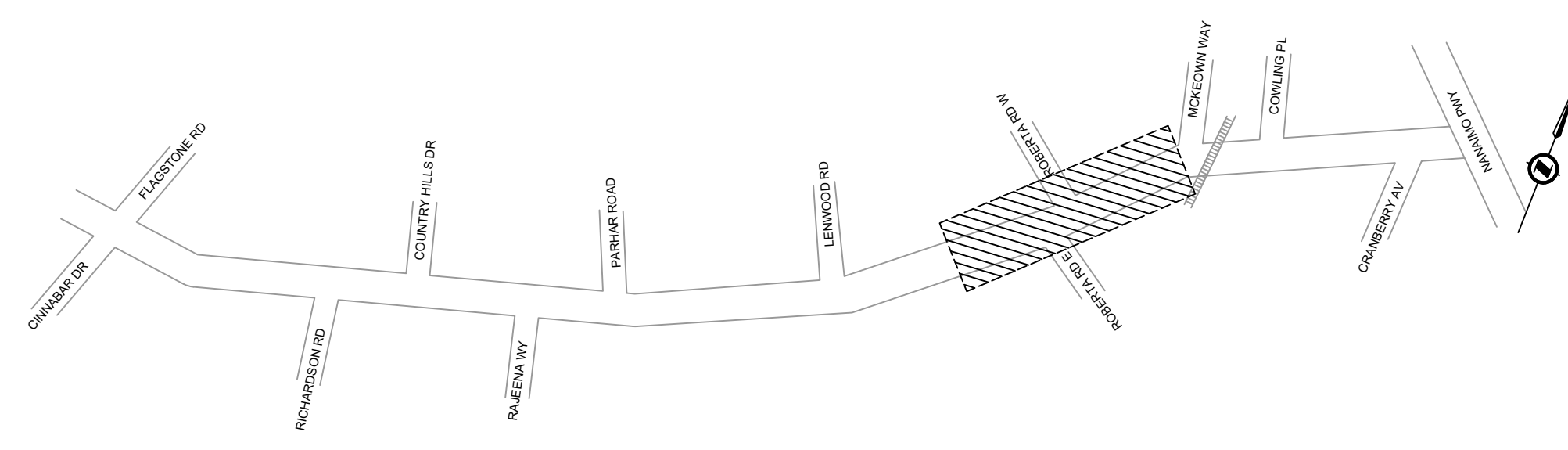


DID YOU KNOW?
 Medians encourage **lower vehicle speeds** by reducing lane widths and creating **visual complexity**. Applied at crosswalks, medians reduce the amount of time people walking spend exposed to vehicles.

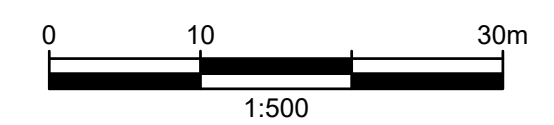
Speed Reduction Mechanisms. Urban Street Design Guide - National Association of Transportation Officials. Retrieved from <https://nacto.org/publication/urban-street-design-guide/design-controls/design-speed/speed-reduction-mechanisms/>



PEDESTRIAN CROSSING WITH PRE-CAST CONCRETE MEDIANS AND SIGNAGE



KEY PLAN



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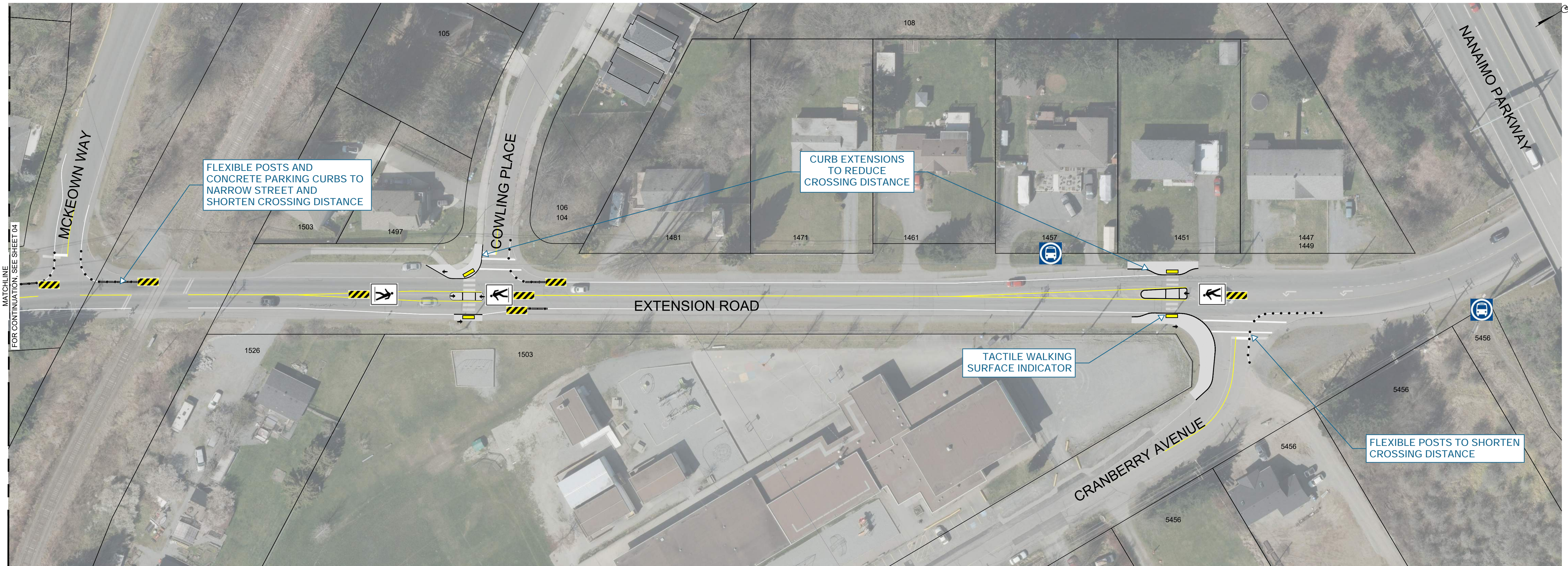
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 EXTENSION ROAD TRAFFIC CALMING
 Title
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DID YOU KNOW?
Traffic calming saves lives. Adding **complexity** to the street sharpens the attention of drivers, resulting in **fewer collisions**. Due to the lower speeds, collisions are **less serious** when they do occur.

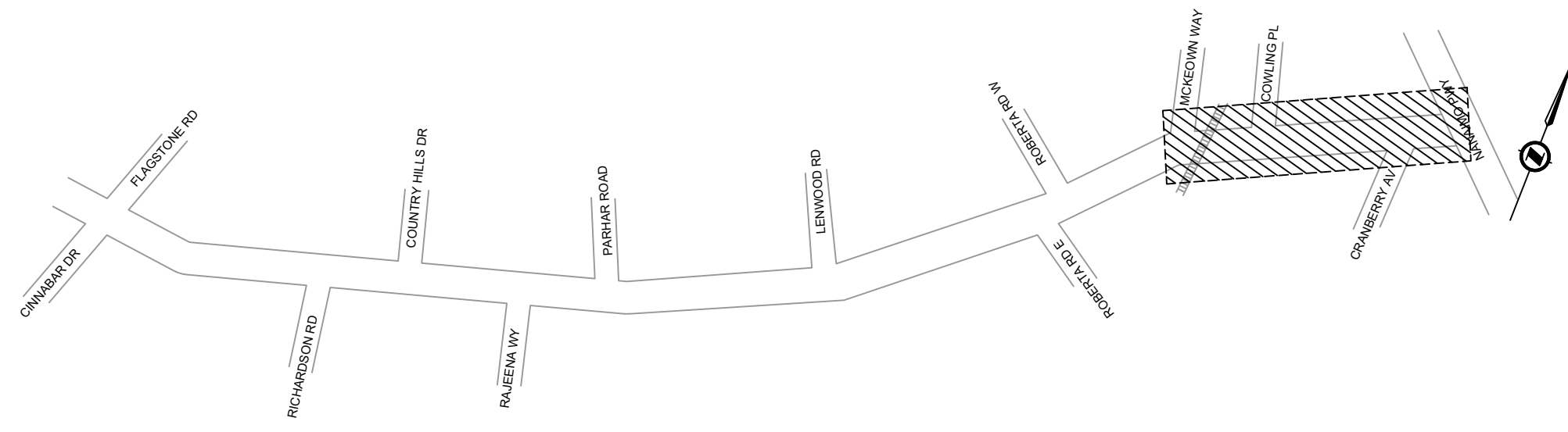
Ewing, R. (2001). *Impacts of Traffic Calming*. Institute of Transportation Engineers and Federal Highway Administration. Retrieved from https://nacto.org/docs/usdg/impacts_of_traffic_calming_ewing.pdf



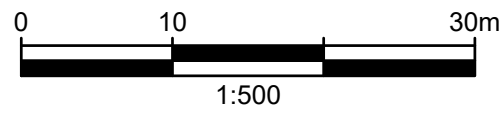
TACTILE WALKING SURFACE INDICATOR FOR VISUALLY IMPAIRED PEDESTRIANS



PEDESTRIAN CROSSING WITH CONCRETE MEDIAN/REFUGE ISLAND



KEY PLAN



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Project: EXTENSION ROAD TRAFFIC CALMING
 Title: EXTENSION ROAD