

McKercher Drive - Duncan Crescent Access Project Review



Background

- Pedestrian signal installed at Mount Allison Cres to improve pedestrian safety (2010).
 - ▶ As outlined in the Traffic Safety Act (provincial document), U-turns are prohibited at signalized intersections.
- College Park and College Park Neighbourhood Traffic Review (NTR) (2018).
 - ▶ To improve safety and traffic flow, traffic signals recommended at Degeer St (U-turns will be prohibited).
- Duncan Cres residents concerned about U-turn prohibition and access.
- Meeting held with Duncan Cres residents to discuss concerns with access to/from McKercher Dr (Fall 2022).

Existing Conditions

- Major arterial, uncontrolled access
- 4 travel lanes
- 2 parking lanes
- 50 km/h posted speed limit
- Sidewalk on both sides

Project Purpose

To review options to maintain or improve access to/from Duncan Cres from McKercher Dr.

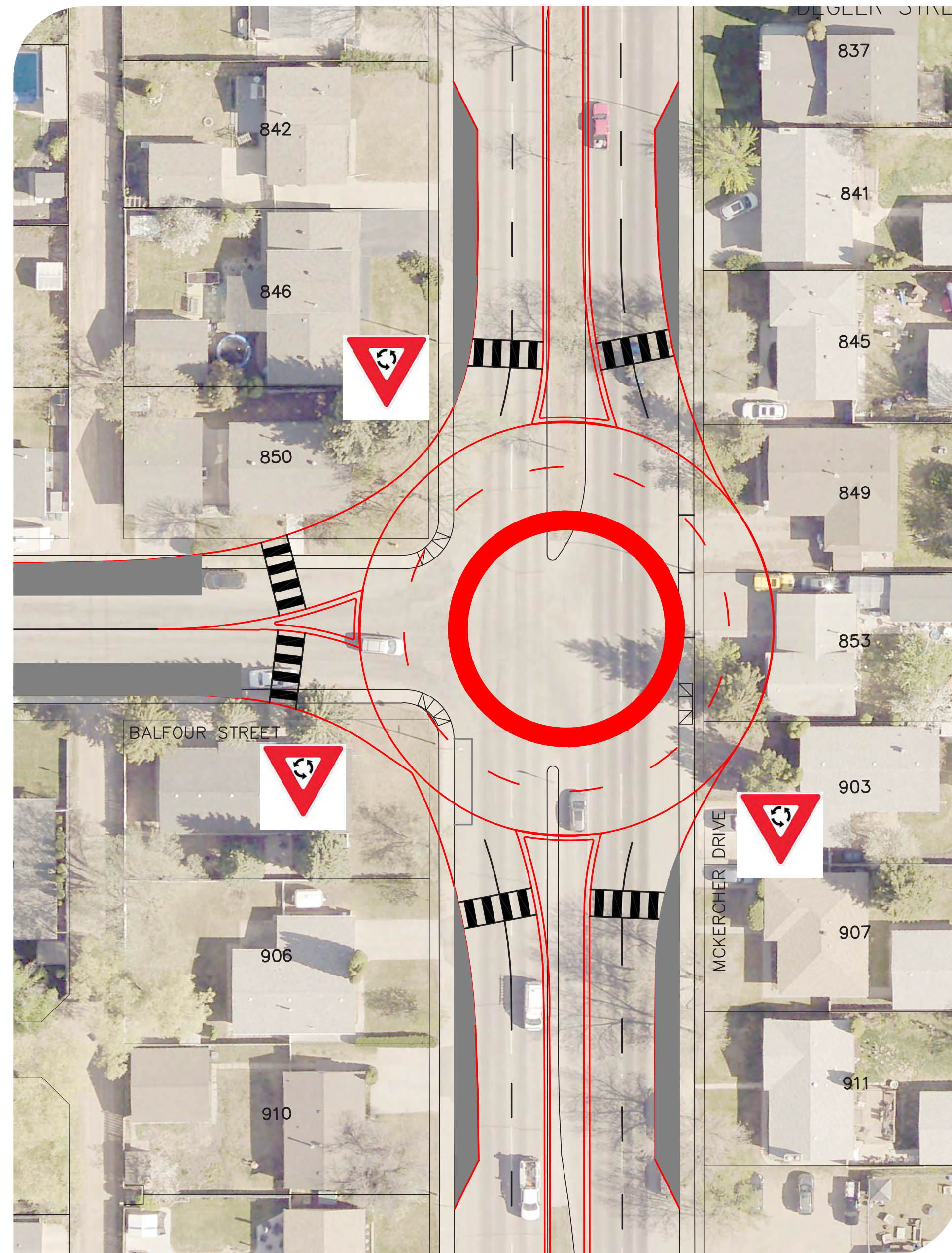


What We Heard

- Median prevents access to Duncan Cres.
- U-turn restrictions cause shortcutting.
- Difficult to make U-turns.
- Allow U-turns at signalized intersections.
- Median opening for Duncan Cres supported by some.

This is a summary of concerns received, not a comprehensive list.

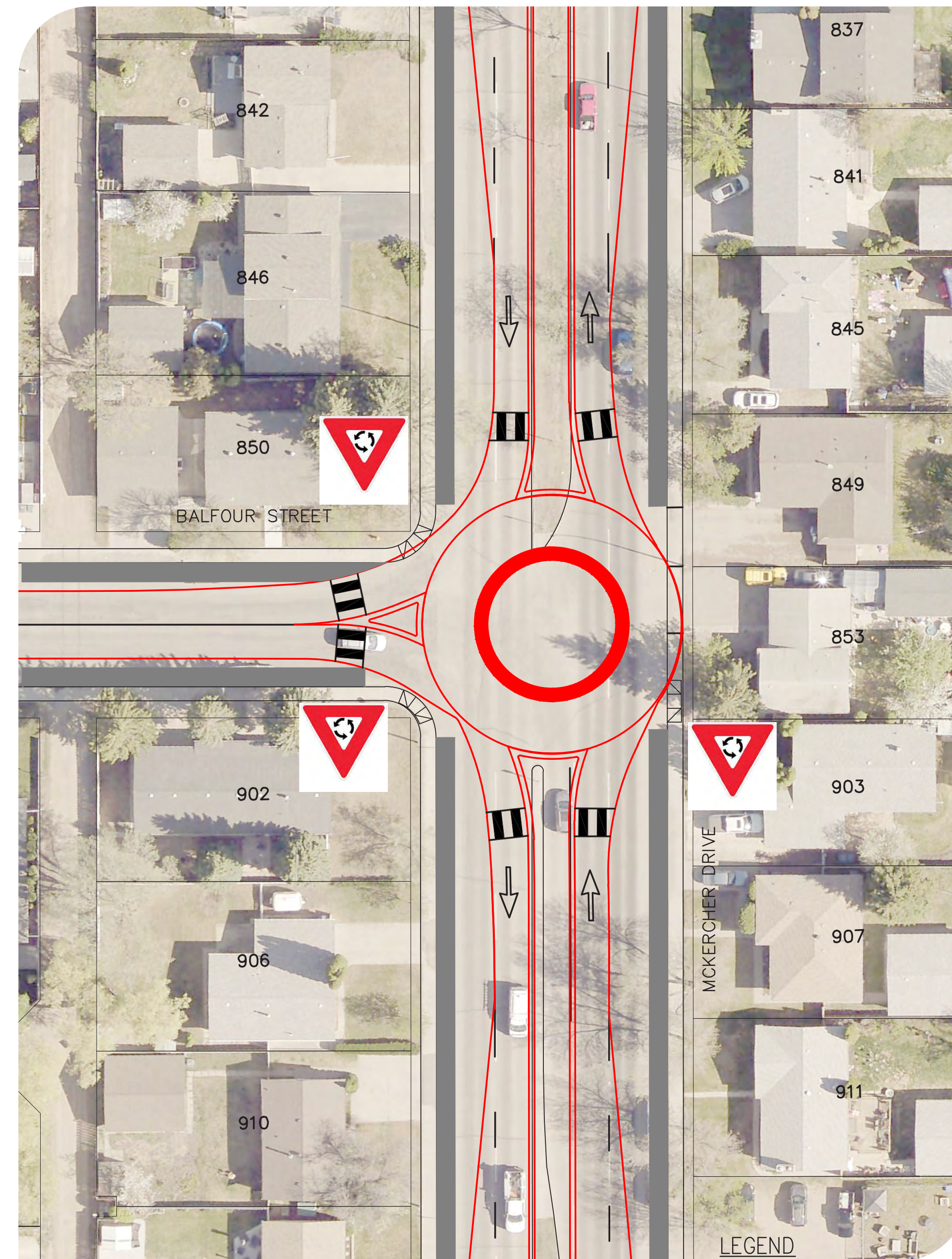
Options Considered: McKercher Dr & Balfour St



Multi-Lane Roundabout

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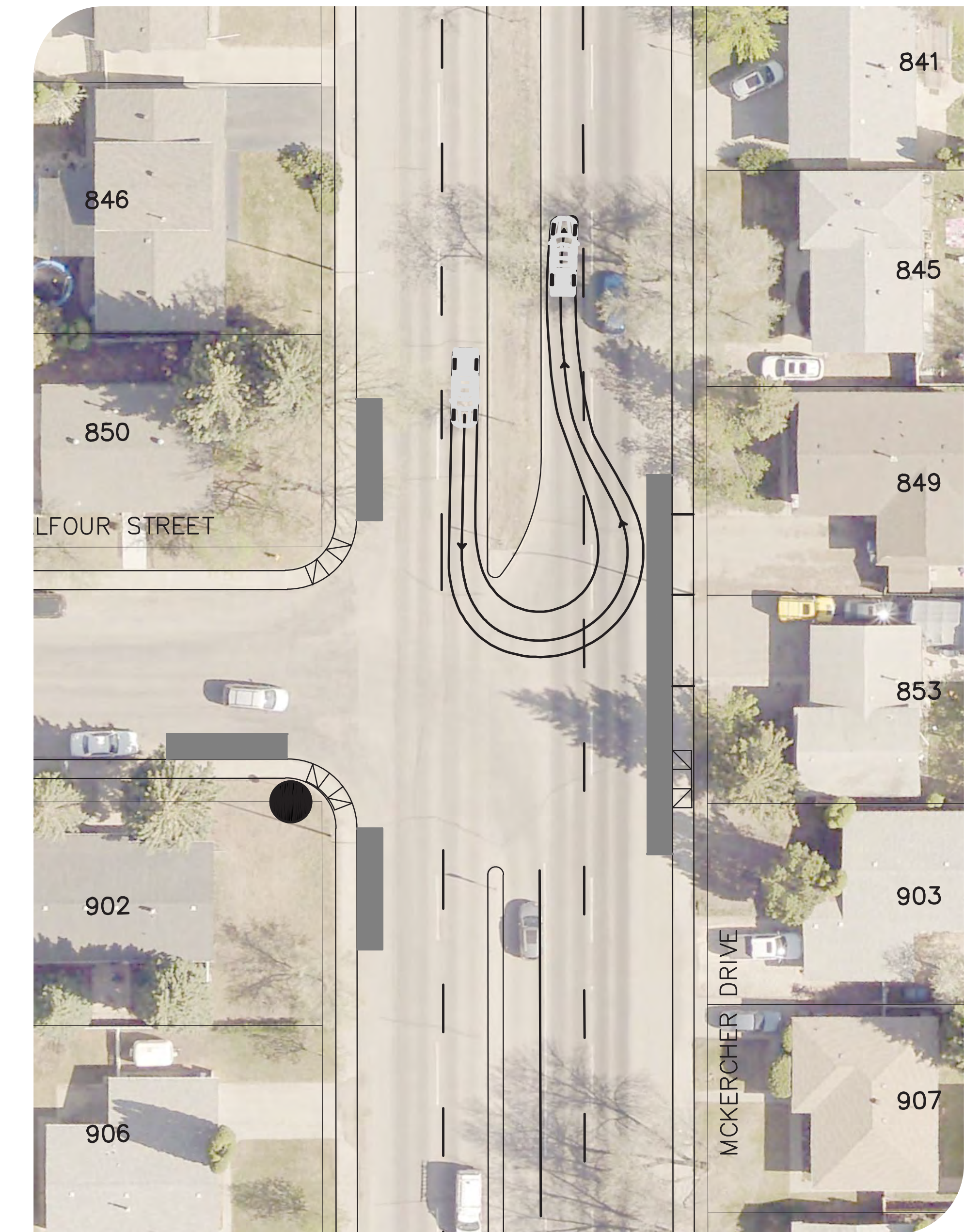
➤ Would require property acquisition.



Single-Lane Roundabout

ELIMINATED

➤ Would cause significant traffic back-ups.

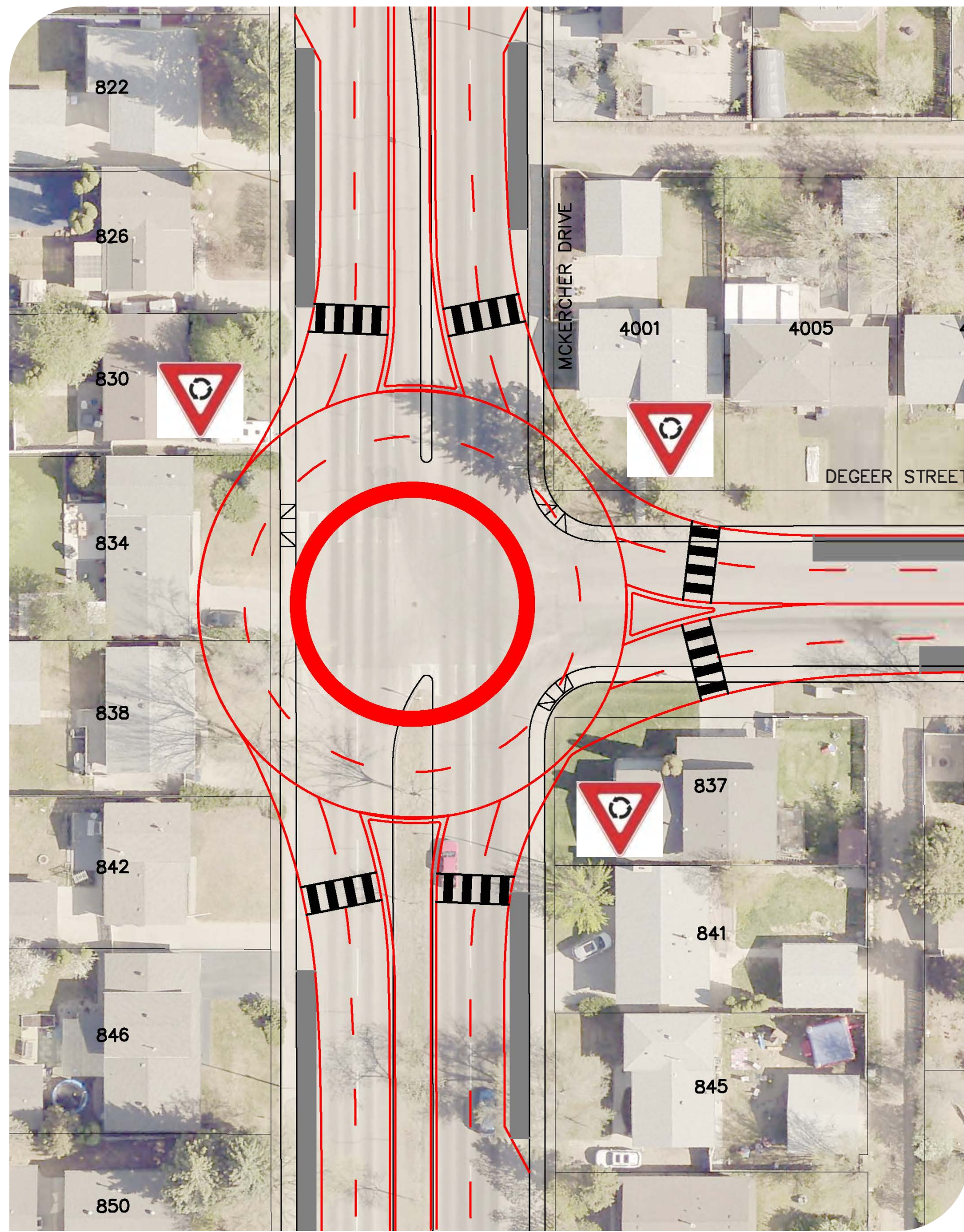


Signed Parking Restrictions

RECOMMENDED

➤ Would improve southbound U-turn maneuverability.

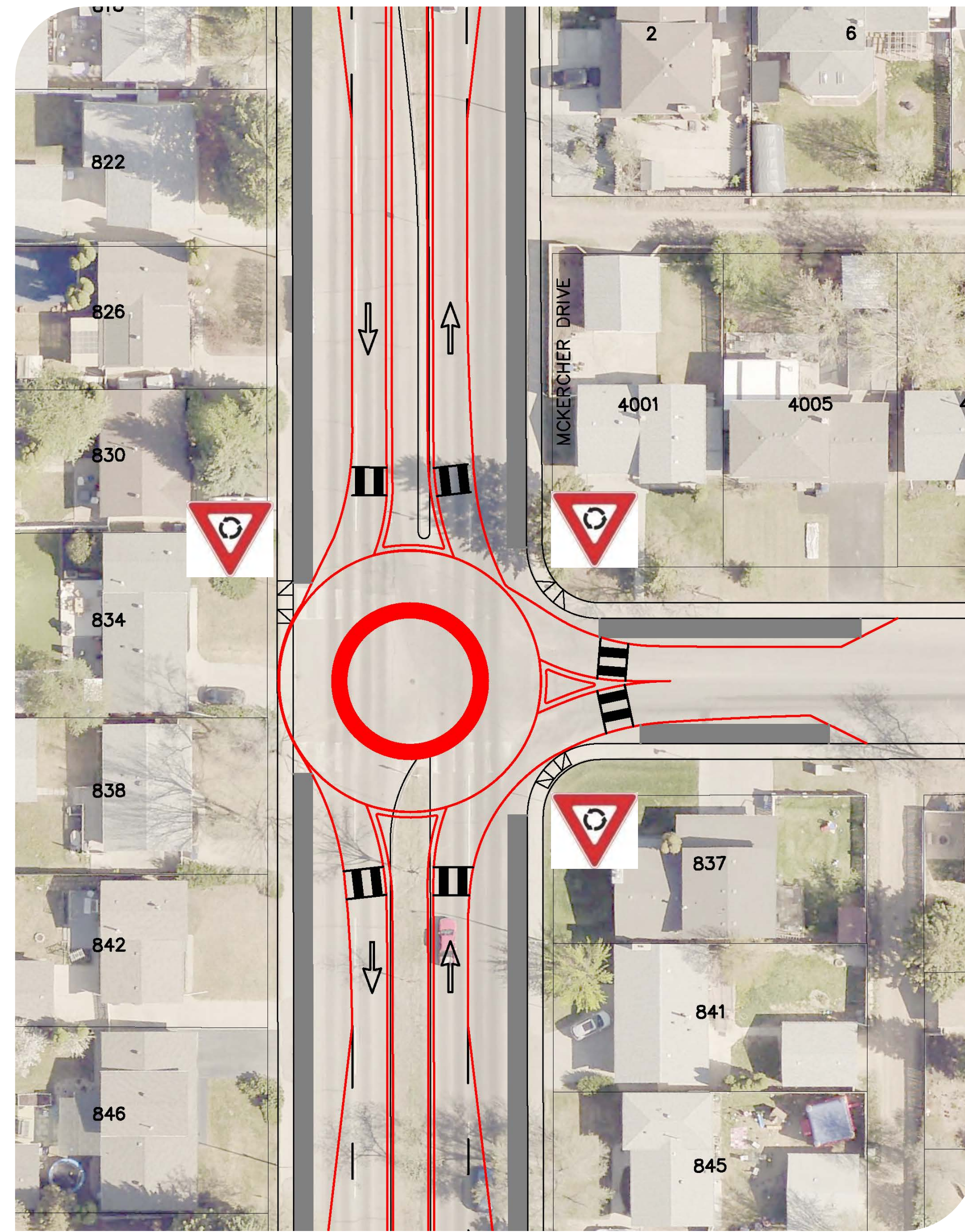
Options Considered: McKercher Dr & Degeer St



Multi-Lane Roundabout

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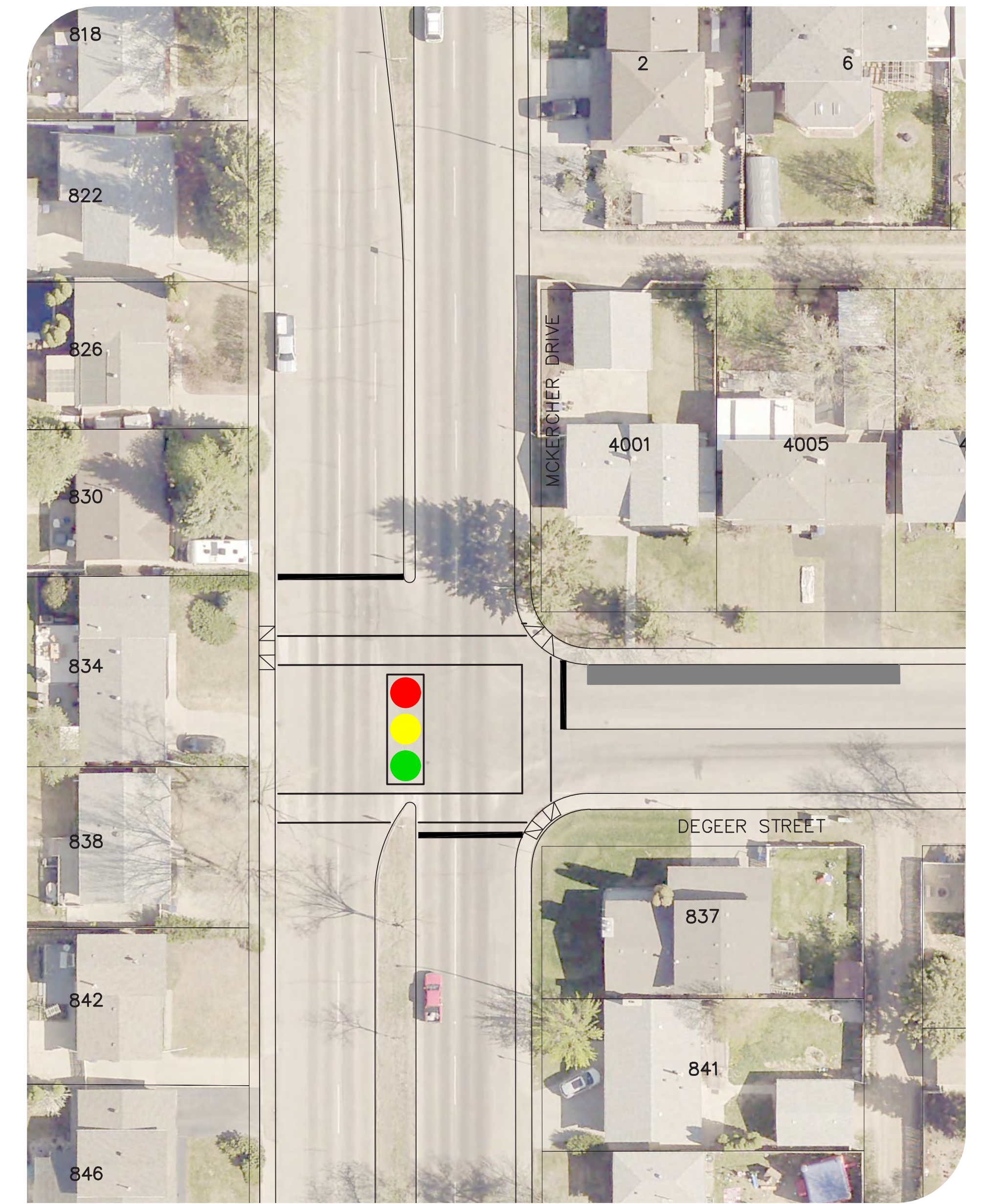
- Would require property acquisition.



Single-Lane Roundabout

ELIMINATED

- Would cause significant traffic back-ups.



Traffic Signal and Parking Restrictions

RECOMMENDED

- Improves pedestrian and intersection safety.
- Reduces significant delays for Degeer St.

Options Considered: McKercher Dr & Duncan Cres (South)

Median Opening at Duncan Cres South

PROS

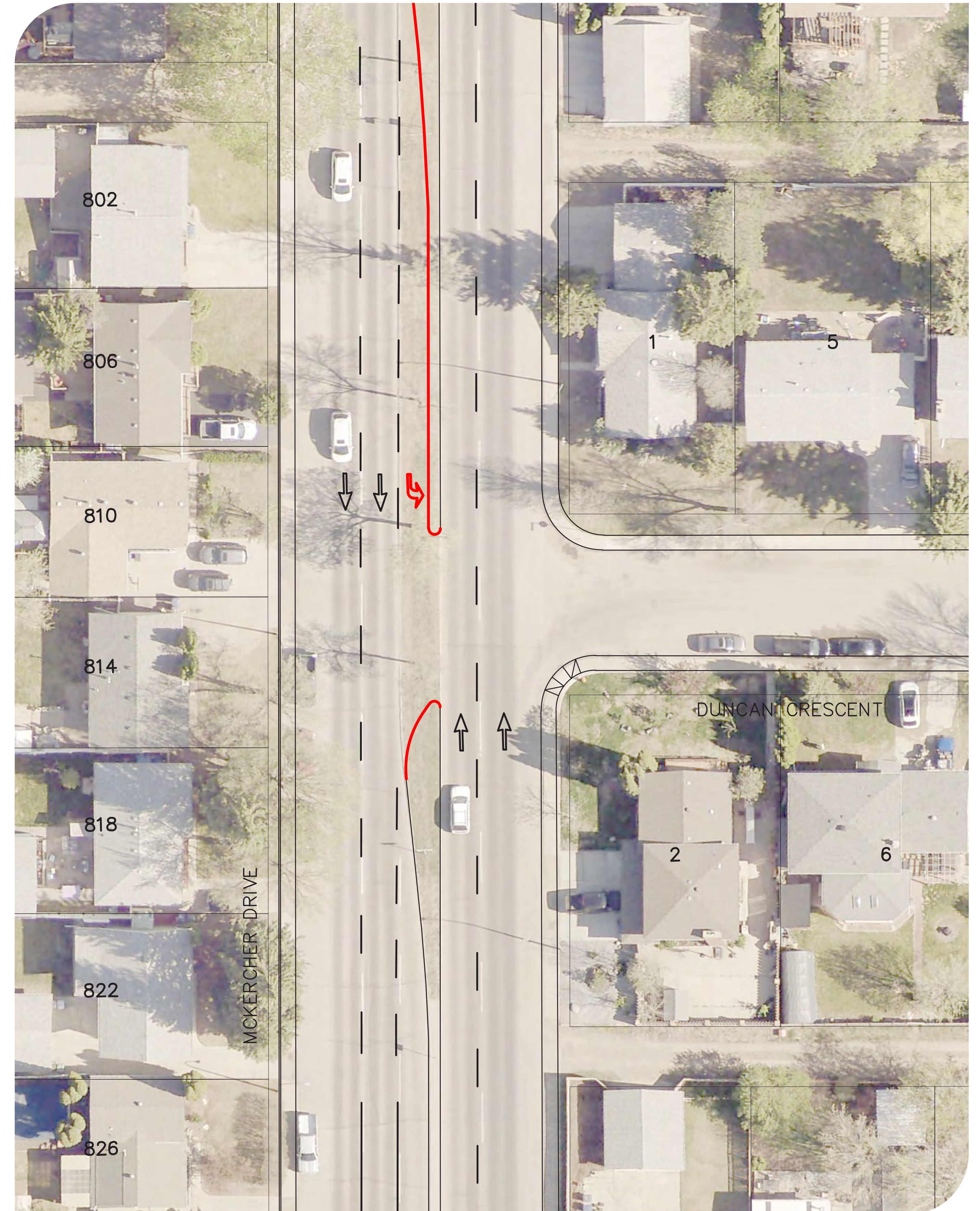
- Improves access to/from Duncan Cres.

CONS

- Does not align with median opening policy:
 - ... within 150m of signalized intersection and less than 150 vehicles entering within the peak hour.
- Tree conflicts.

If supported, requires public hearing and City Council approval.

Note: If supported, changes at McKercher Dr & Balfour St and at McKercher Dr & Mount Allison Cres would no longer be recommended because the median opening would provide full access to/from Duncan Cres.

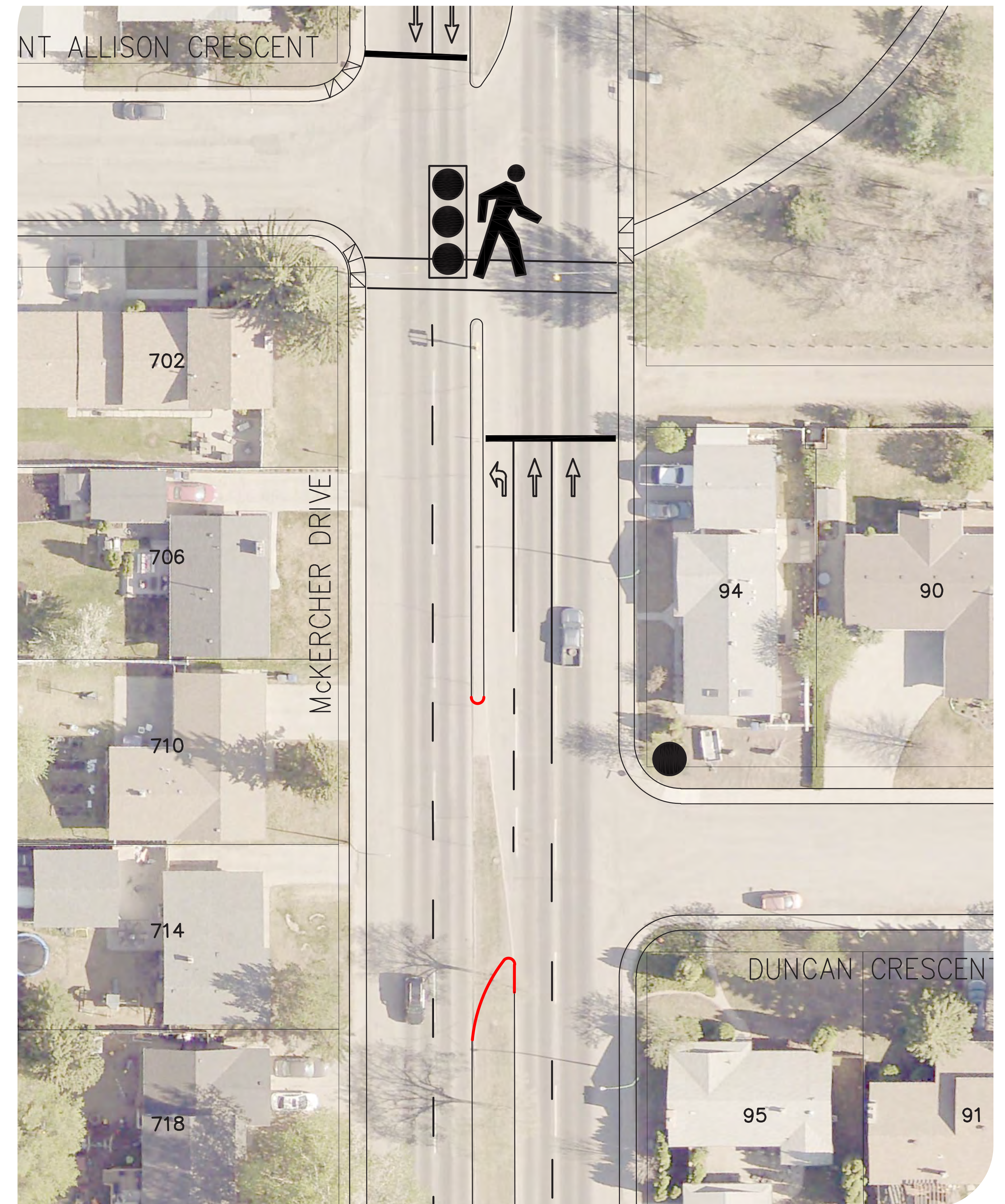


Options Considered: McKercher Dr & Duncan Cres (North)

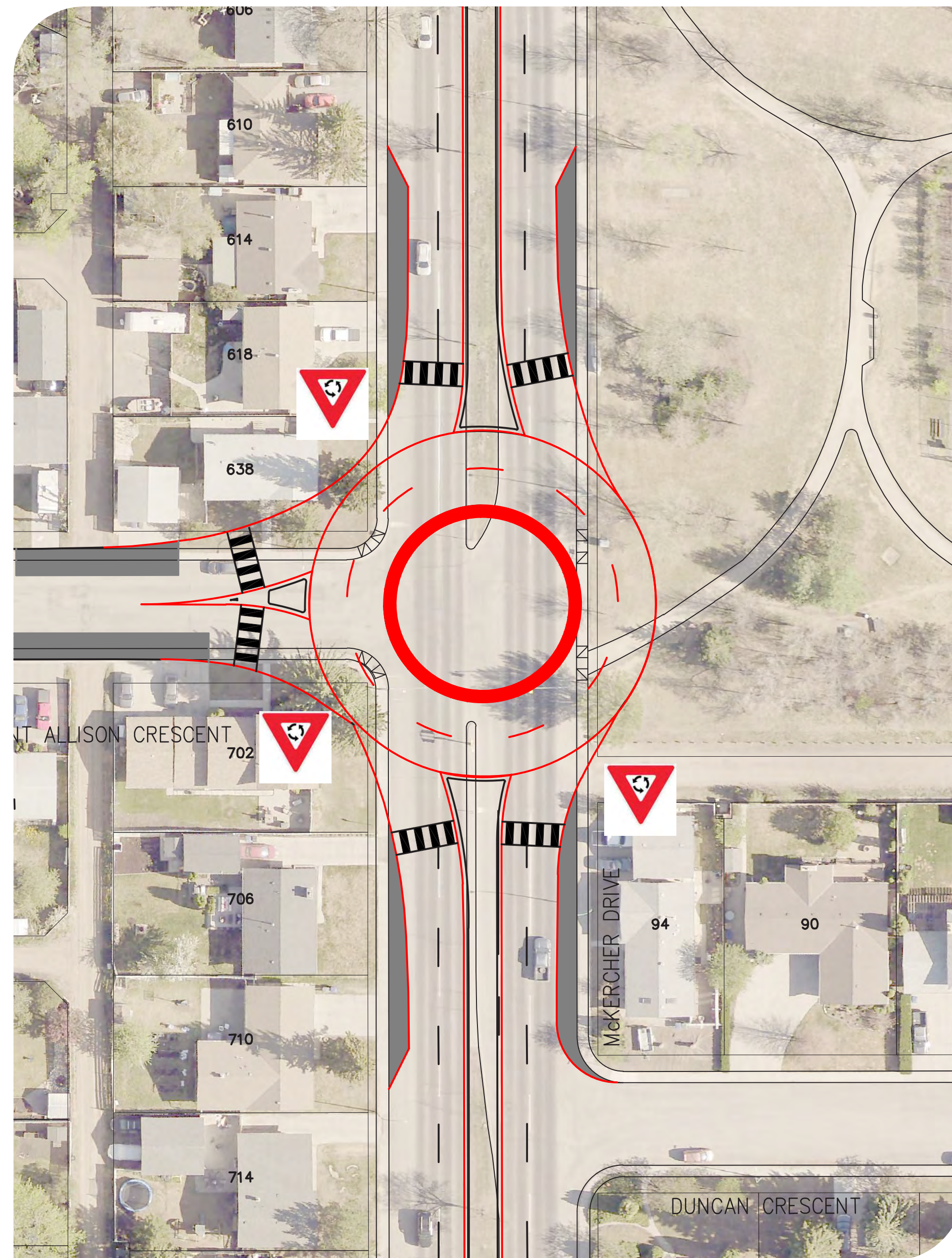
Median Opening at Duncan Cres (North)

ELIMINATED

- Interferes with northbound left turn bay for Mount Allison Cres.
- Left turn bay for southbound traffic cannot be provided.



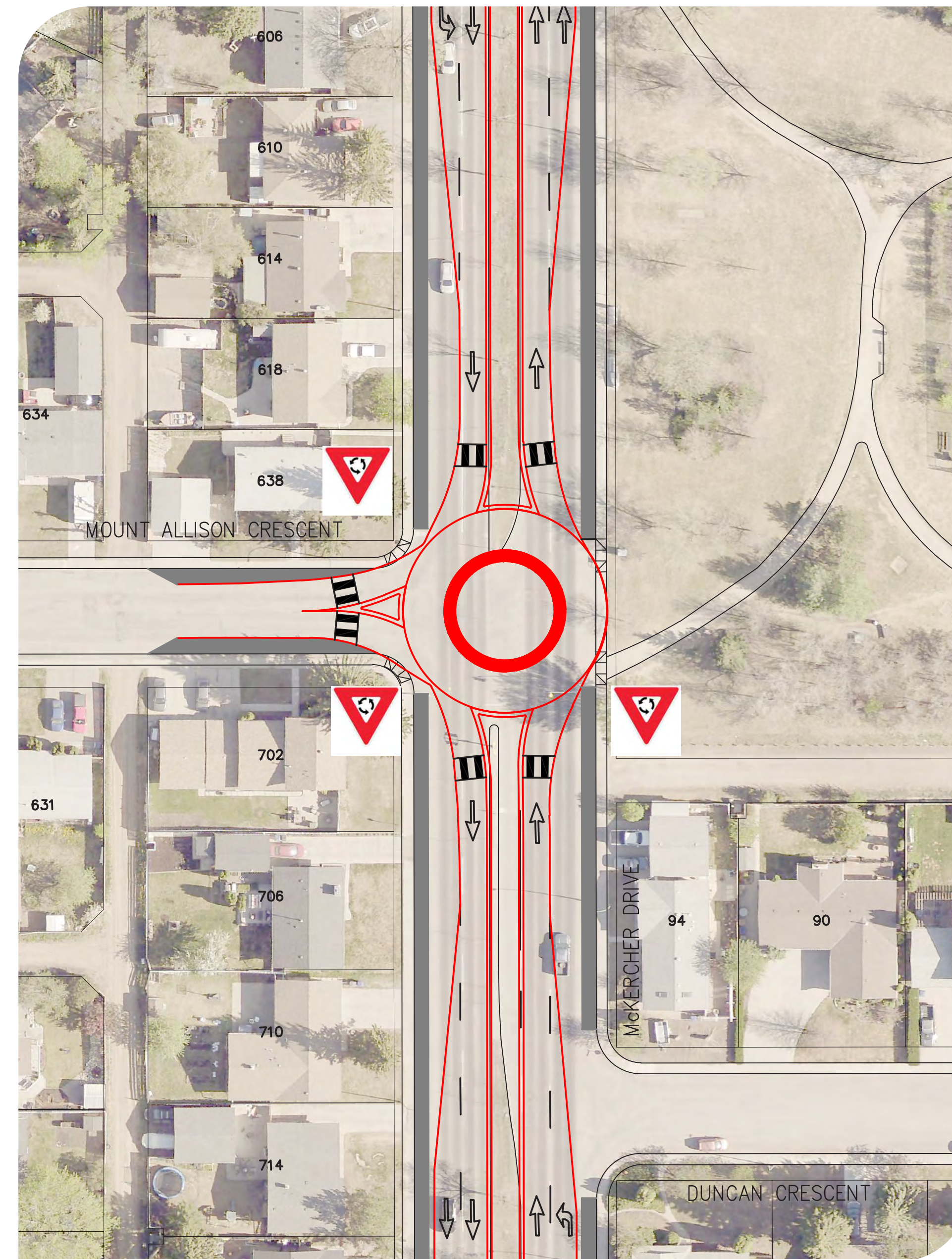
Options Considered: McKercher Dr & Mount Allison Cres



Multi-Lane Roundabout

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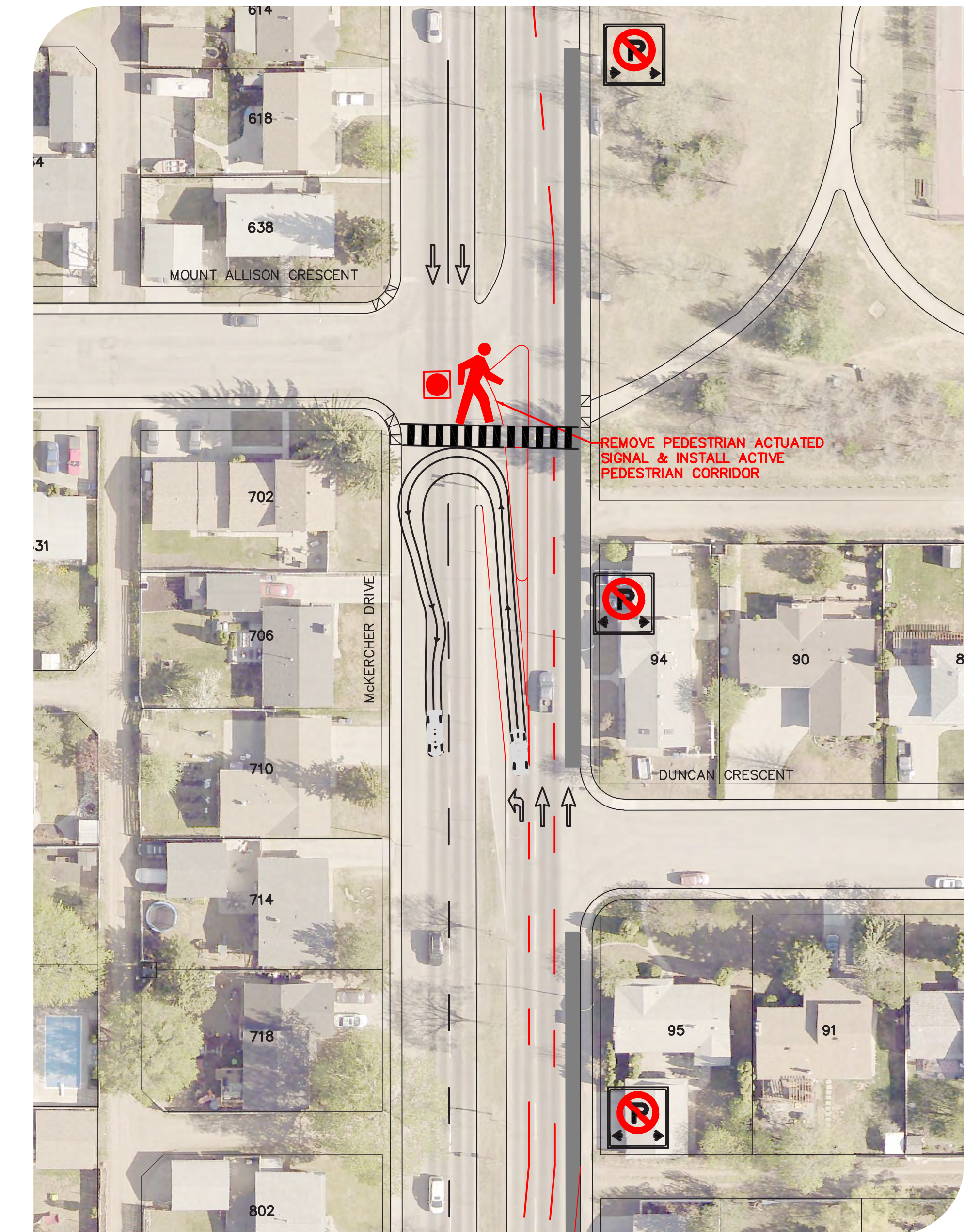
- Would require property acquisition.



Single-Lane Roundabout

ELIMINATED

- Would cause significant traffic back-ups.

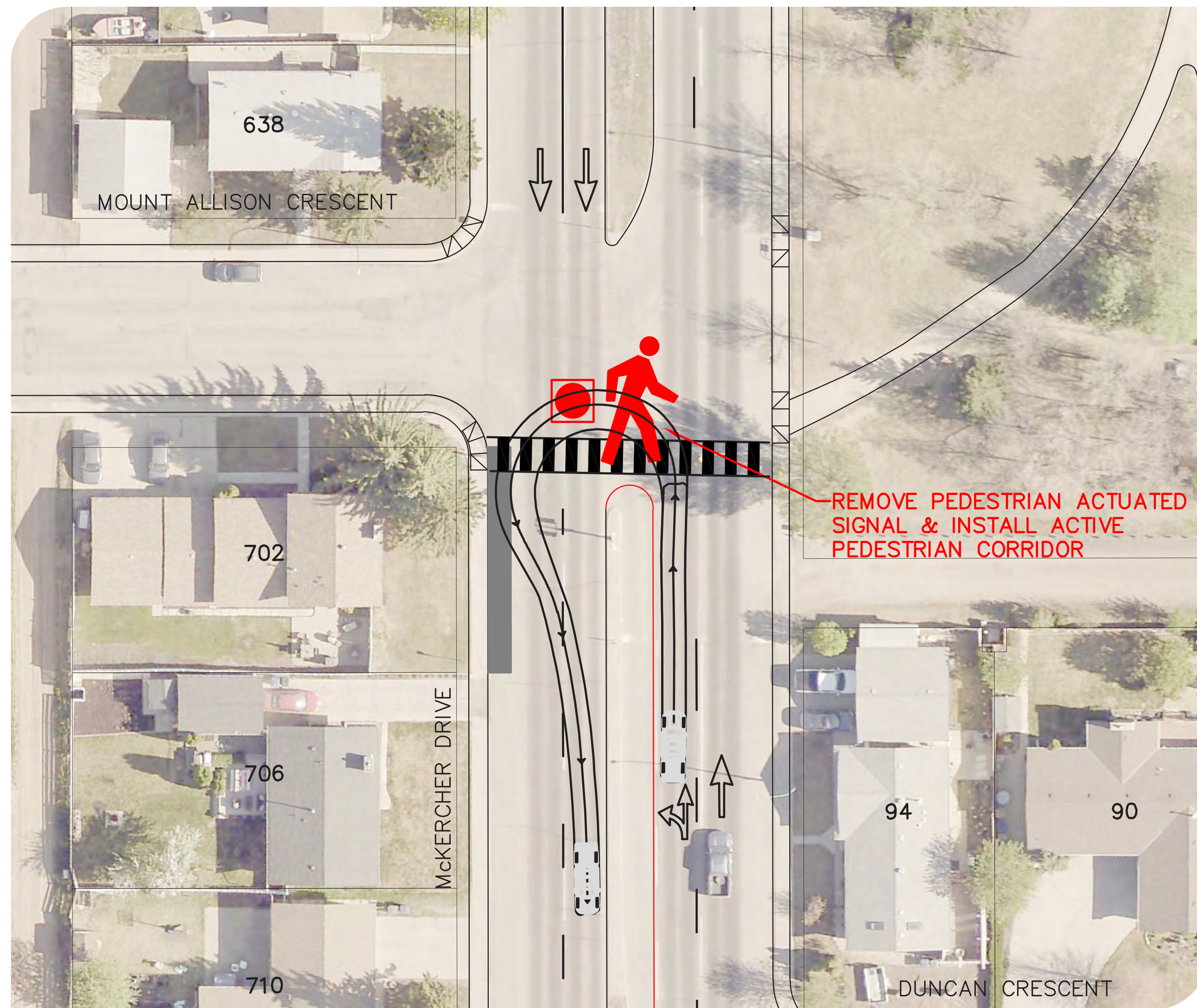


Slotted Left Turn Bay

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- U-turns cannot be accommodated.
- Requires lane shift.
- Removes parking lane.

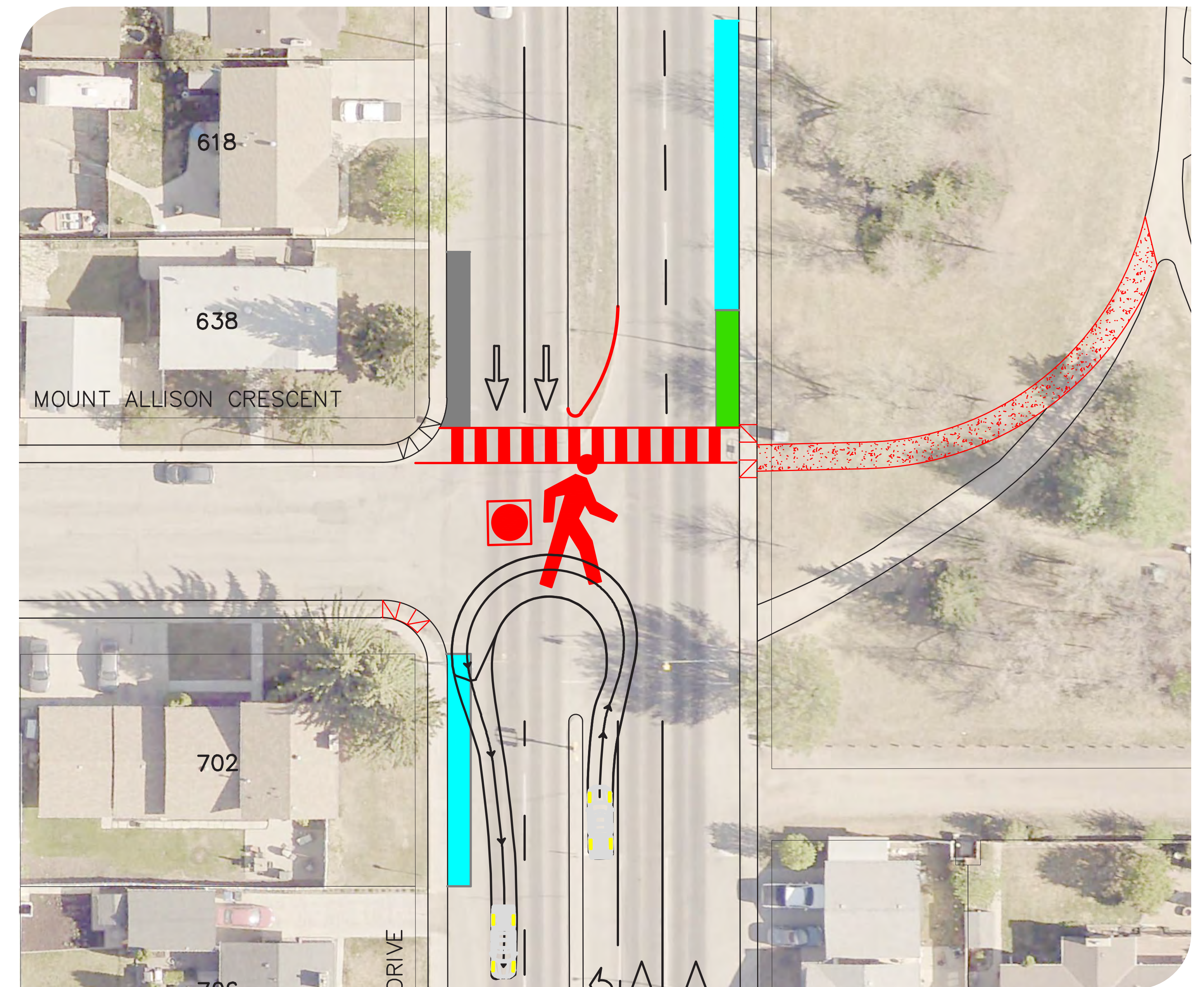
Options Considered: McKercher Dr & Mount Allison Cres



Remove Left Turn Bay to Provide Pedestrian Refuge

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➤ Removes left turn bay.

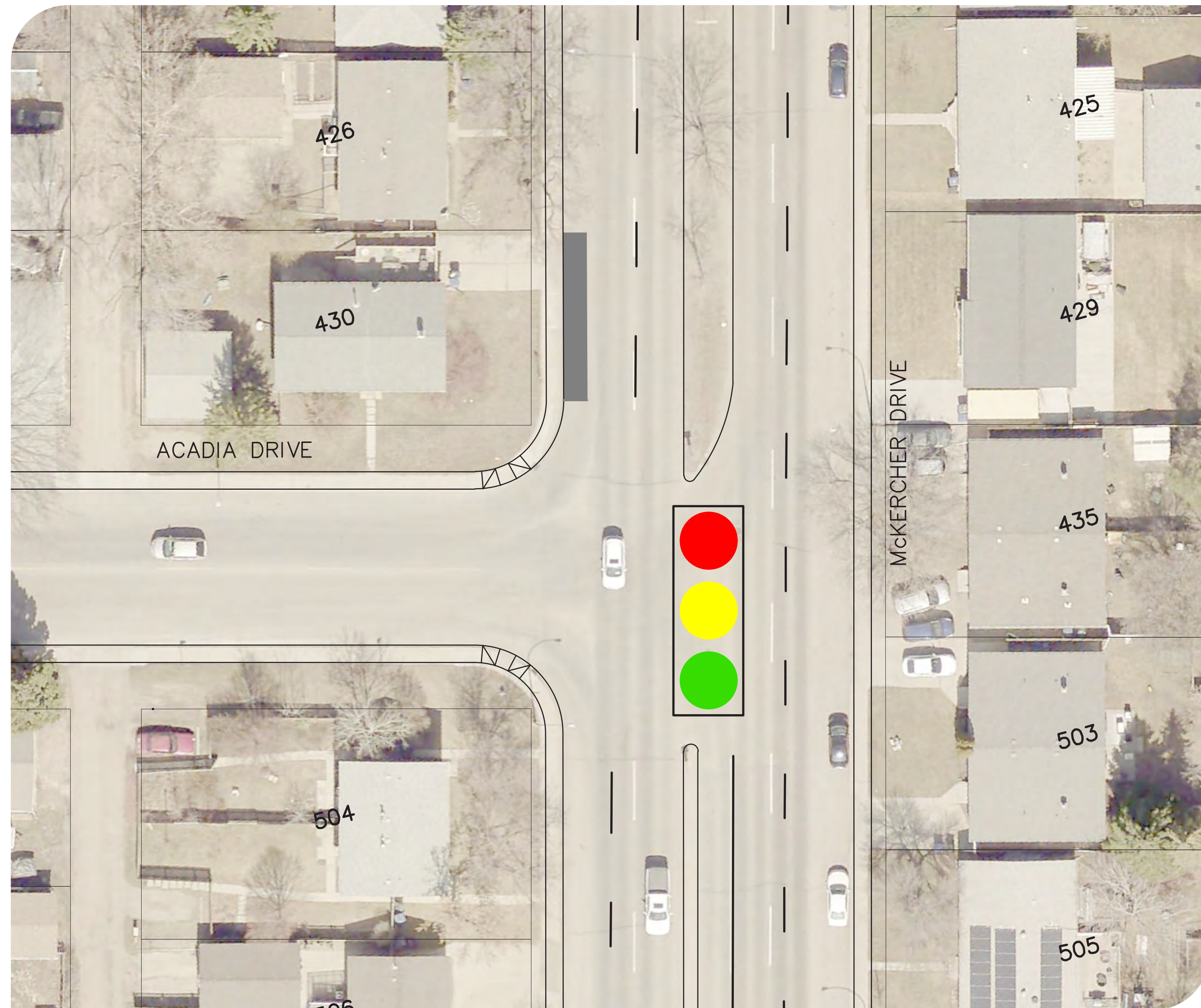


Change Pedestrian Device Type and Location

RECOMMENDED

➤ Allows U-turns.

Options Considered: McKercher Dr & Acadia Dr



Traffic Signals

ELIMINATED

➤ Not warranted.



Parking Restrictions

RECOMMENDED

➤ Improves sight lines.

Other Options

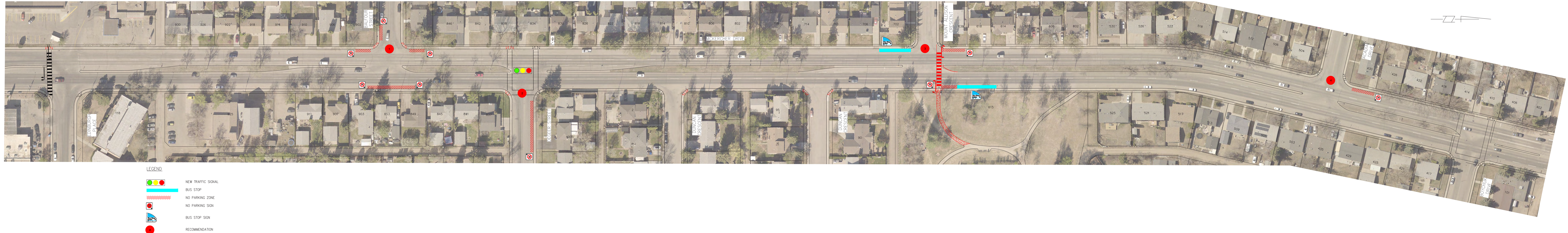
Recommended:

- Forward speeding concerns to Saskatoon Police Service to consider enforcement.
 - ▶ Improve compliance with driving laws.
- Speed display board.
 - ▶ Increase driver awareness of speed, and can reduce speeding.
- Pedestrian accessible ramps.
 - ▶ Improve accessibility.

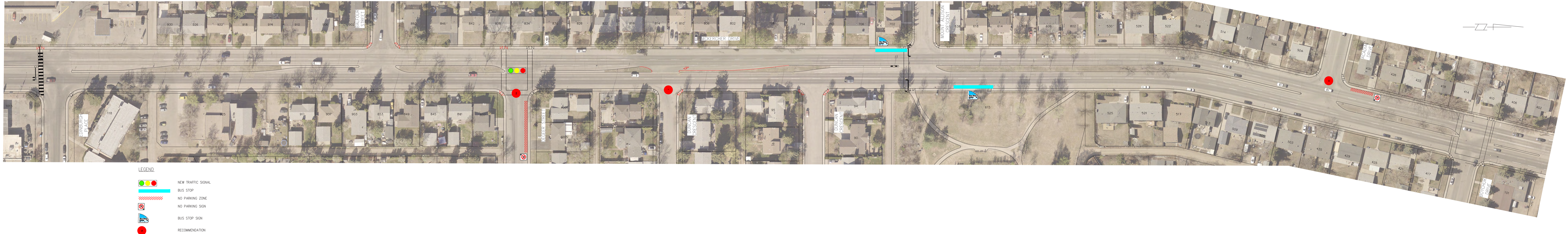
Eliminated:

- Allow U-turns at signalized intersections.
 - ▶ Doesn't support Traffic Safety Act (provincial document). A City bylaw cannot conflict with provincial legislation.

Roll Plan: Option A



Roll Plan: Option B



Recommendations

#	Location	Recommended Improvement	Justification	Est. Cost
1	McKercher Drive and Balfour Street	▶ No Parking signs on all approaches	Ensure clearance and easy maneuvering for southbound U-turns, provide clear sight triangles, and reduce delays for eastbound right turns (i.e. allow separation for eastbound left and right turns)	\$1,250
2	McKercher Drive and Degeer Street	▶ Traffic signals ▶ No Parking signs at 40 m on east leg (north side)	Improve pedestrian safety and intersection safety, and reduce delays for westbound left turns.	\$180,000 \$250
3	McKercher Drive and Mount Allison Crescent	▶ Remove pedestrian actuated signal on south leg and install active pedestrian corridor on north leg ▶ Relocate park paths to connect to north crosswalk and install new pedestrian ramp	Improve access to Duncan Crescent (by allowing U-turns) while maintaining pedestrian safety.	\$55,250 \$15,000
4	McKercher Drive and Acadia Drive	▶ Install No Parking sign on north leg (west side) at 22 m	Improve driver visibility.	\$250
	McKercher Drive and Edinburgh Place (southwest corner)			
	McKercher Drive and Balfour Street (northwest and southwest corners)			
5	McKercher Drive and Degeer Street (southwest and southeast corners)	▶ Install missing pedestrian ramps (8x)	Improve pedestrian accessibility.	\$28,000
	McKercher Drive and Duncan Crescent (South) (northeast corner)			
	McKercher Drive and Duncan Crescent (North) (northeast and southeast corners)			
6	McKercher Drive (8th Street to Boychuk Drive)	▶ Forward speeding concerns to Saskatoon Police Service to consider enforcement	Reduce speed	Saskatoon Police Service operating budget
7	McKercher Drive (8th Street to Boychuk Drive)	▶ Speed display board	Reduce speed	\$0 (10 devices relocated annually)
*	McKercher Drive and Duncan Crescent (South)	▶ Median Opening (Pending community support) <i>If supported, requires public hearing and Council approval.</i>	Improve access to/from Duncan Crescent	\$185,000

Next Steps

- Gather resident feedback.
- **Summer 2023:** Finalize recommendations.
- **Fall 2023:** Present to Standing Policy Committee on Transportation.
- **Fall 2023:** Public hearing, if community support is received for Duncan Cres median opening.
- Begin implementing recommendations (pending approval and funding).

Have Your Say

Scan the QR code to share your feedback



- Collect a paper survey from City staff.
- Or visit saskatoon.ca/McKercherandDuncan

Please take our survey before **April 28**