

La Perle and Belmead Neighbourhood Renewal

Belmead draft design

November 2024

edmonton.ca/BuildingLaPerleandBelmead

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Edmonton

REFINE



Belmead

Neighbourhood Renewal

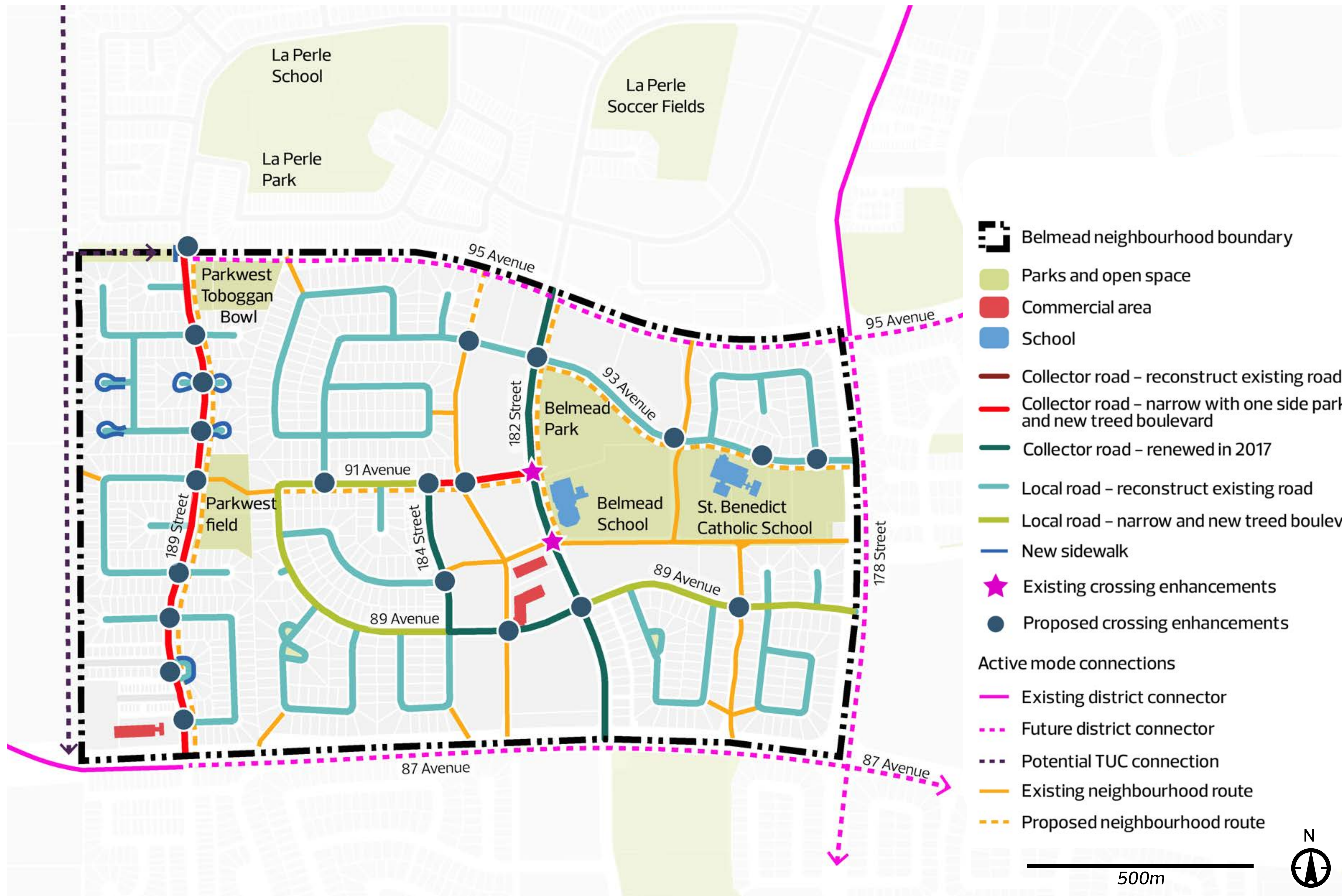
What is Neighbourhood Renewal?

- + The City of Edmonton's Neighbourhood Renewal program will build new roads, curbs, gutters and sidewalks and install new street lights in Belmead.
- + The program will also explore other neighbourhood improvements such as street crossings, bike connections and improvements to City-owned parks and gathering spaces.
- + Cost-sharing opportunities will be made available through the Local Improvement process for sidewalk reconstruction and decorative street light upgrades in the neighbourhood.
- + The new infrastructure will be in place for the next 30 – 50 years.



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Neighbourhood overview



Public engagement

The **Neighbourhood Renewal Road Map** was created to help you and your neighbours understand the steps of the renewal process and how you can participate.

In the **Community Feedback on Draft Design** stage, we are sharing the draft design for your neighbourhood. We are seeking your feedback to help **REFINE** it to ensure it aligns with the Vision and Guiding Principles that we co-created at the beginning of the project.

City of Edmonton Public Engagement Spectrum

Increasing influence of the public →



We are here

Neighbourhood Renewal Road Map



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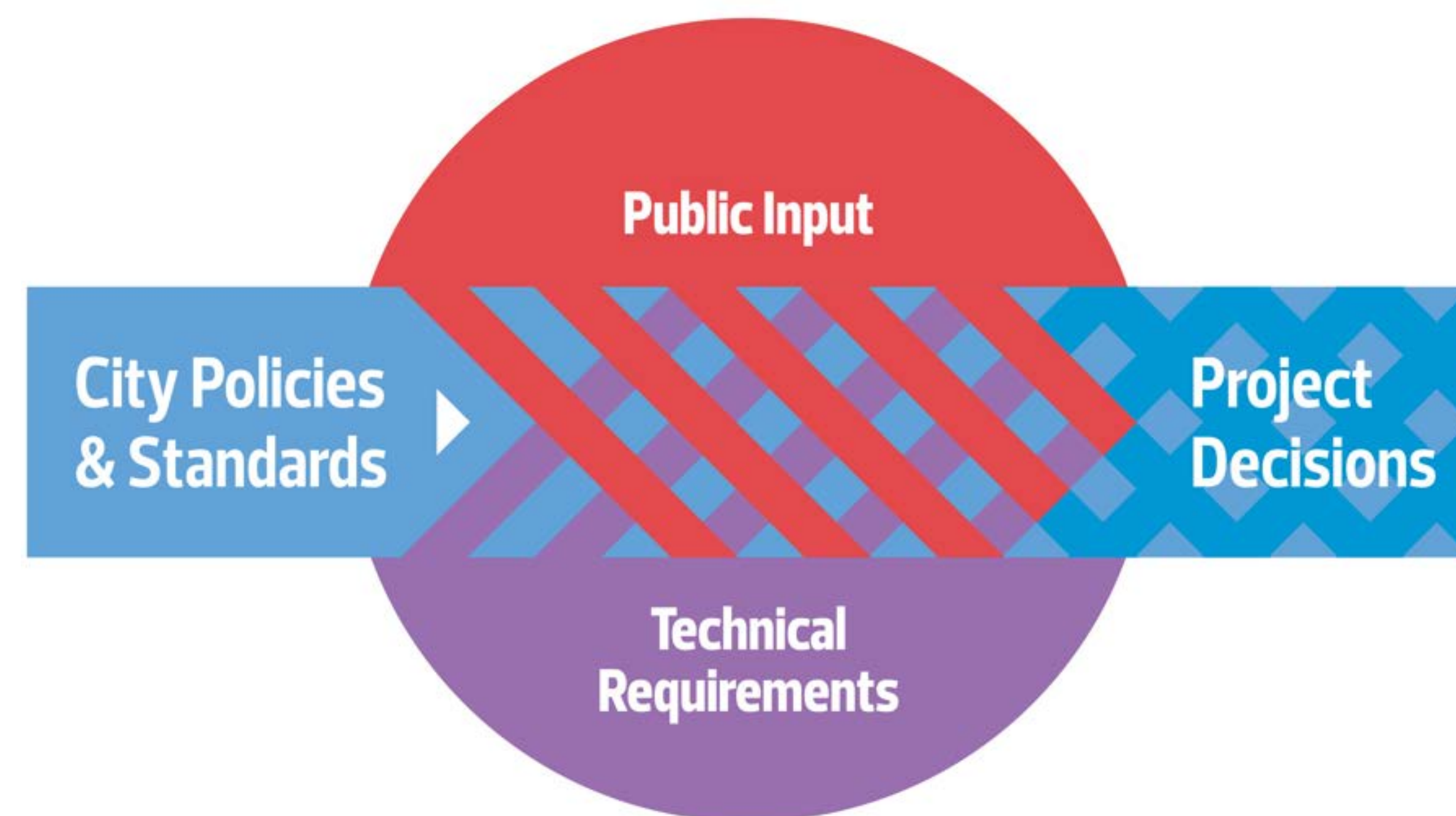
How decisions are made

For Neighbourhood Renewal projects, the City of Edmonton makes decisions using a combination of policy and program information, public input, technical requirements and available funding.

This process helps to ensure that the decisions we make are fiscally responsible, align with best practices, consider the existing public and private infrastructure, land uses and activities in the neighbourhood and result in the best outcomes for your neighbourhood and our city. City policies and programs such as the **City Plan, Complete Streets Design and Construction Standards, Safe Mobility Strategy and Winter City Strategy** provide the overall direction for Neighbourhood Renewal designs.

As each neighbourhood is unique, the Project Team asks for input from community members who live, work and play in the neighbourhood and considers technical aspects such as roadway widths and conflicts with utilities and trees to determine what will fit in the neighbourhood.

Decision Making Process



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Draft design

The Project Team has prepared the draft design for Belmead Neighbourhood Renewal. The draft design incorporates relevant City policy and includes proposed changes for people walking, biking, rolling, driving and playing in Belmead.

There may be one or more proposed changes near your residence or property that may affect how you experience your neighbourhood.

Feedback opportunity

Please review the details of the draft design in this booklet and then share your thoughts in our online survey by November 29, 2024.

Visit edmonton.ca/BuildingLaPerleandBelmead to take the survey.

Design areas for Belmead:

Walking, rolling & biking



Roadways & crossings



Parks & open space



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Walking, rolling and biking

Key design influences:

1. Improving walking and biking connections in the neighbourhood will enhance overall connectivity and accessibility for all, promote active living and community well-being and are in alignment with City policies and standards

Design elements:

- Existing sidewalks will be rebuilt throughout the neighbourhood (pending Local Improvement decisions)
- Missing sidewalk links will be added
- Existing **breezeways**¹ will be rebuilt to shared pathways

2. A dedicated active transportation network will enhance connectivity while providing a convenient mode of travel for people of all ages and abilities

Design elements:

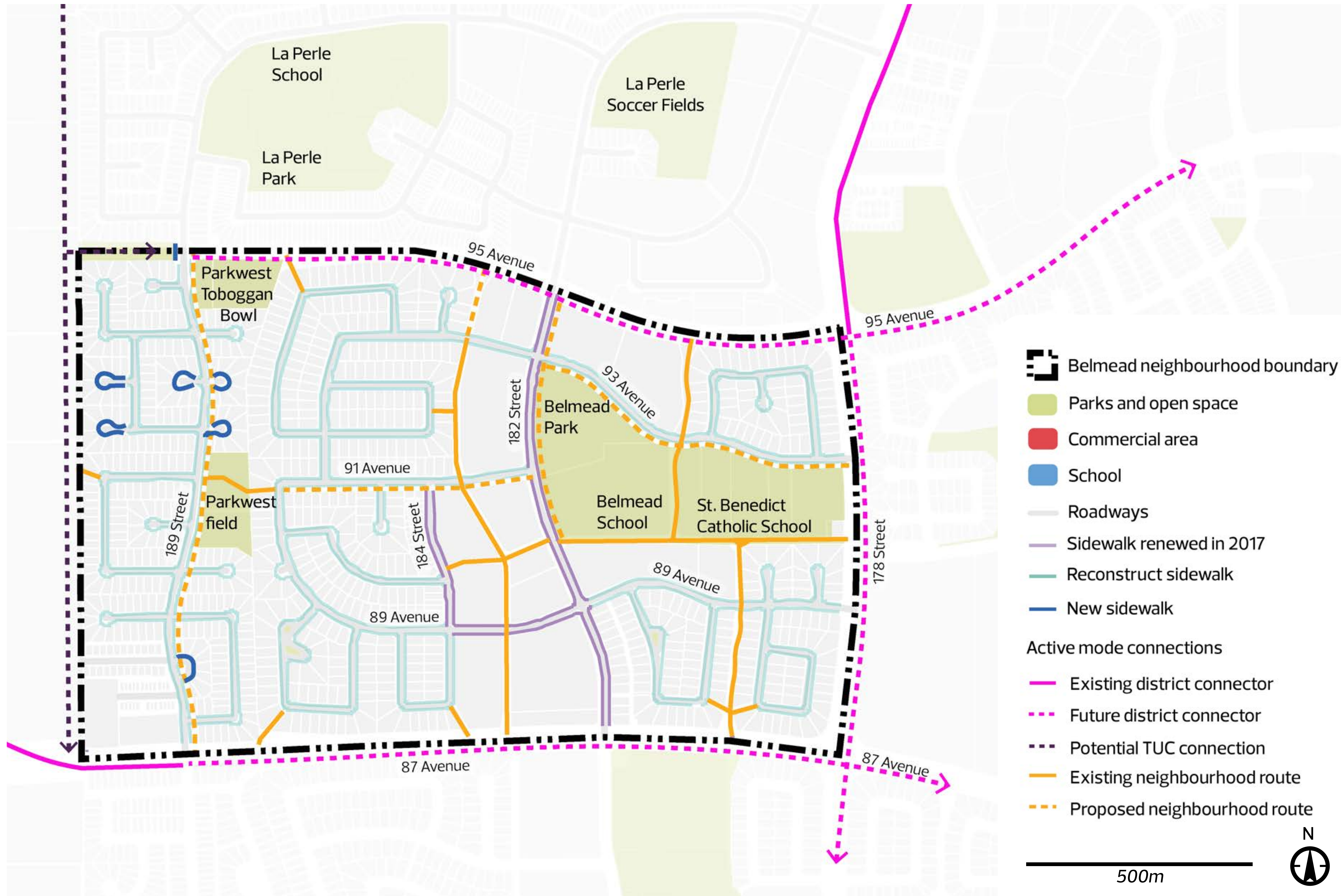
- Existing shared pathways will be rebuilt to current standards
- New shared pathways will be added to enhance connectivity
- New bike routes will be added for improved accessibility and convenient travel

Note 1: A **breezeway** is a public pathway between two private properties. Wider breezeways and pathways make it easier for people who walk and bike to move around the neighbourhood. They enhance accessibility and connectivity within the neighbourhood.

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Walking, rolling and biking overview



Walking, rolling and biking

Active transportation network

Key design influences:

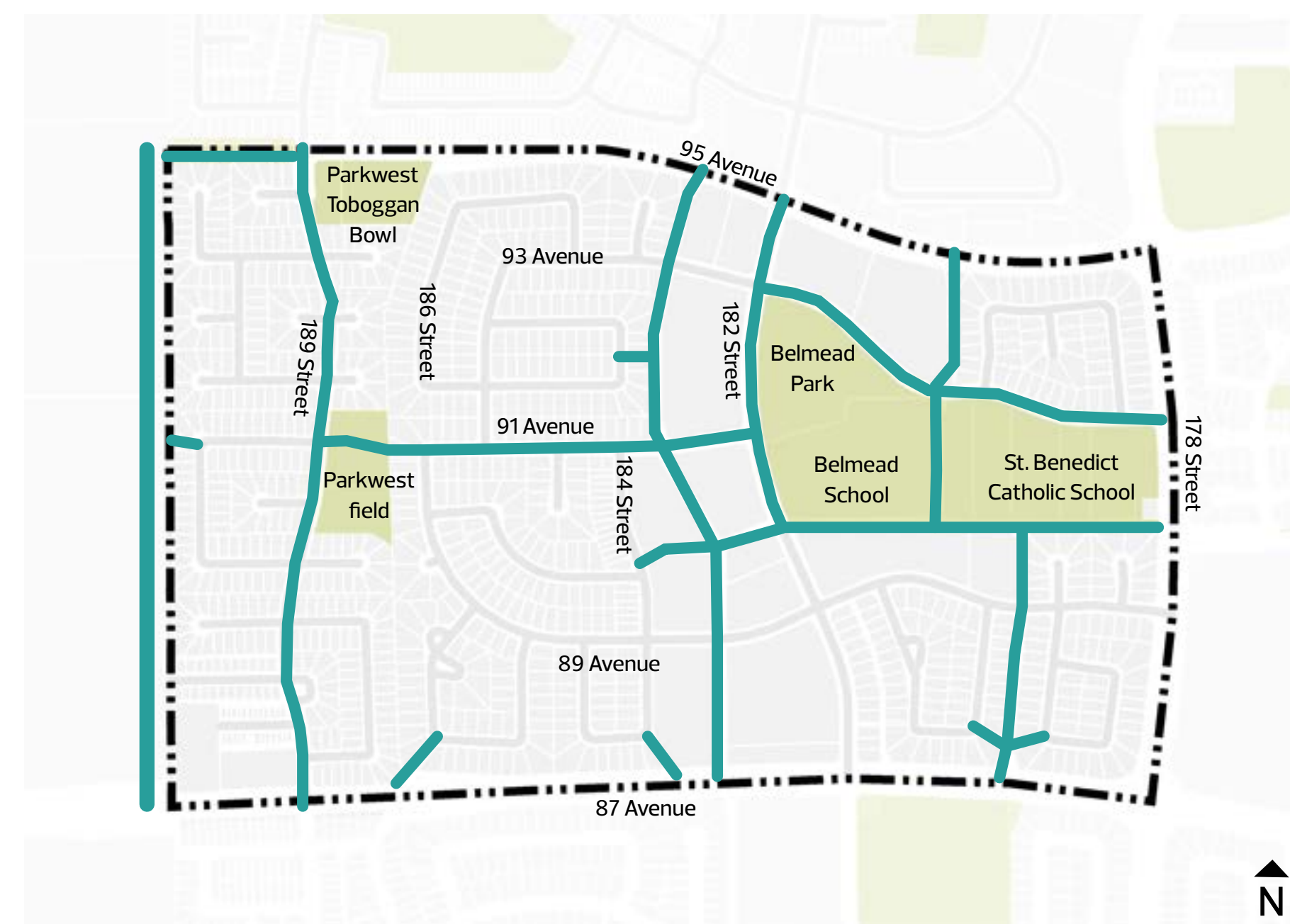
- + Belmead is primarily a residential neighbourhood. Improving walking, rolling and biking connections are important to provide safety and comfort for people of all ages and abilities

Note 2: A **local street bikeway** is a street where the road is shared between people who bike and drive, and is designed for low motor vehicle speeds by incorporating traffic calming measures.

The draft design includes:

- Upgrades to existing shared pathways in the Parkwest field, Belmead School field and the pathway west of 182 Street to meet current standards, where possible
- New shared pathways along the collector roadways and around Belmead Park
- 91 Avenue designated as a **local street bikeway**² between 184 and 187 Street

Key map



Shared pathway through an open space example



REFINE

Roadways and crossings

Key design influences:

1. Maintaining ease of access to local amenities and destinations within the neighbourhood

Design elements:

- All collector and local roads will be renewed
- Some roads will be narrowed to meet current standards
- On-street parking may be impacted by changes such as **traffic calming**³, crossing improvements and new boulevards to slow traffic and improve safety for all users

2. Connectivity to parks and open space creates opportunities for people who walk, roll, bike and drive to gather with one another

Design elements:

- New or upgraded shared pathways will be constructed throughout the neighbourhood

Note 3: Traffic calming consists of physical design measures put in place on existing roads to reduce vehicle speeds and improve safety.

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Roadways and crossings

Key design influences:

3. City policy and resident feedback emphasized the importance of slowing traffic and improving safety for people walking, rolling and biking

Design elements:

- Traffic calming measures will be constructed at key intersections and crossings

4. Public realm improvements to enhance safety, connectivity and the overall character of the community

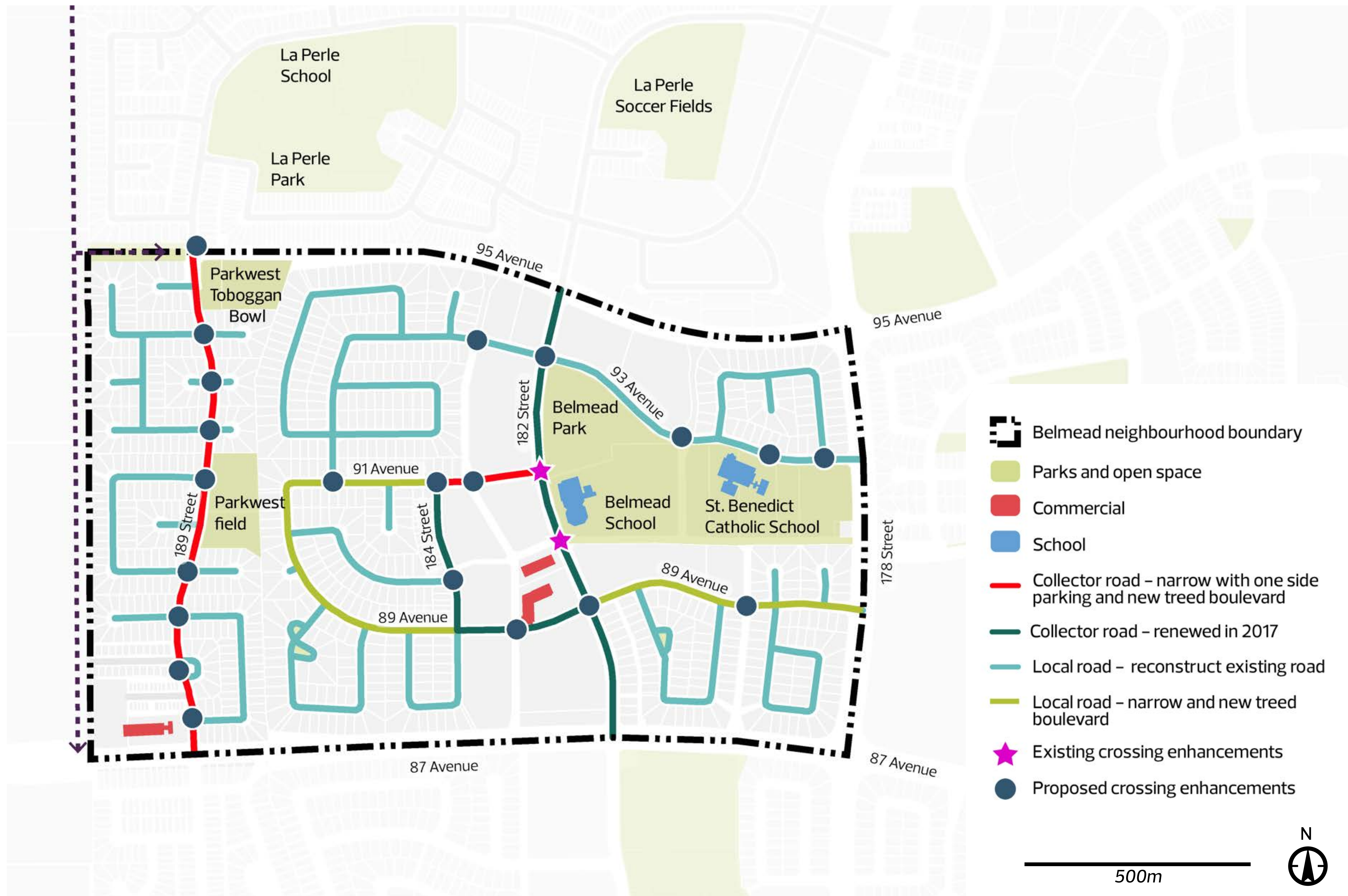
Design elements:

- New street lighting will be installed along key missing connections
- New trees and **Low Impact Development**⁴ (LID) will be added throughout the neighbourhood

Note 4: Low Impact Development (LID) is an approach to land development that works with nature to manage stormwater runoff where it falls.

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Roadways and crossings overview



Roadways and crossings

189 Street

Collector road

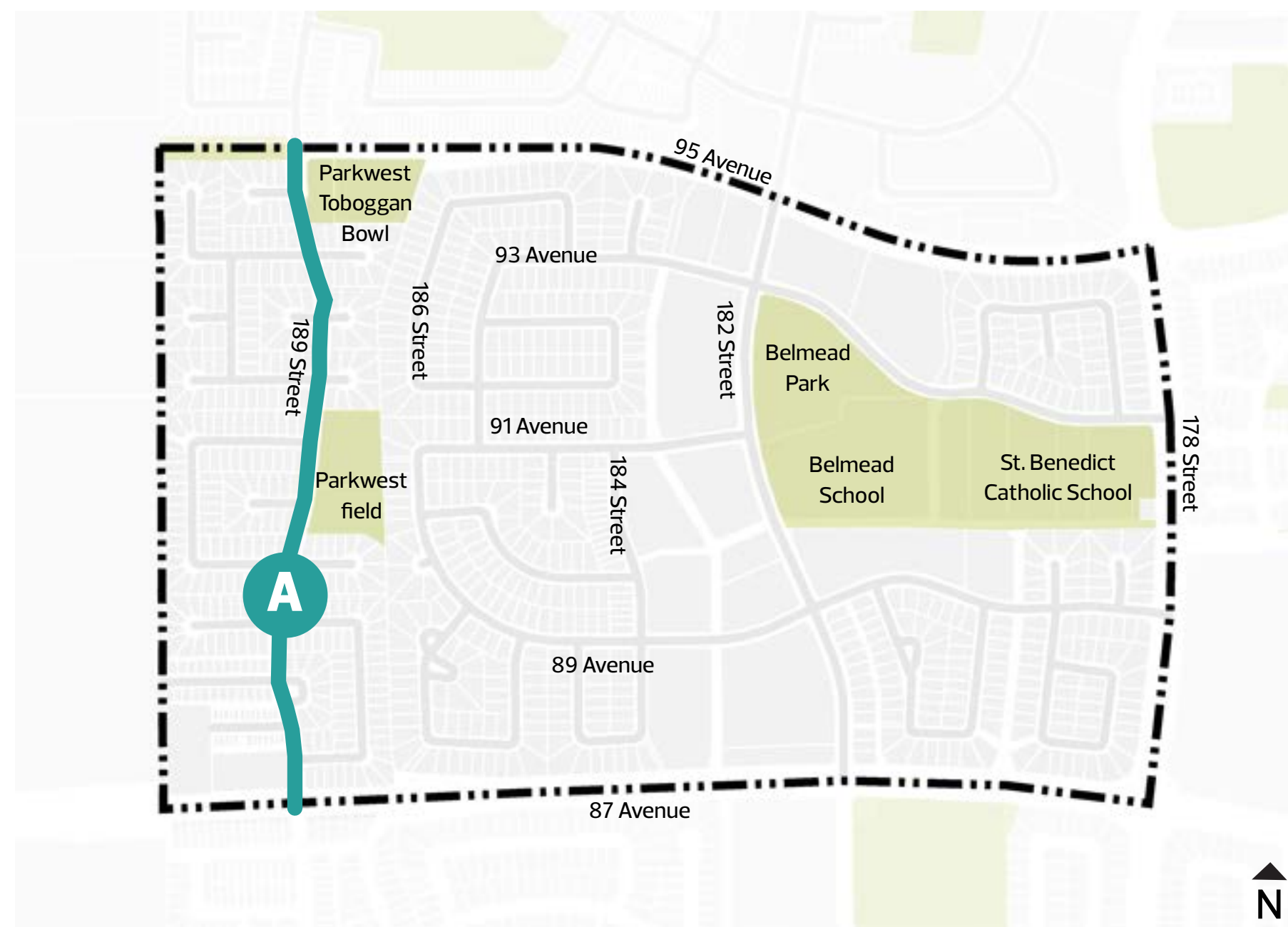
Key design influences:

- + Speeding and traffic safety concerns on 189 Street were reported by residents in Belmead
- + A connection for people who walk, roll and bike is needed to meet spacing requirements in the **Bike Plan**
- + On-street parking is not typically used along 189 Street as homes front onto other streets

The draft design includes:

- New shared pathway on the east side of the street
- West side on-street parking removed
- Raised intersection added at the intersection of 189 Street and 95 Avenue
- New treed boulevard on the west side of the street
- Traffic calming measures including curb extensions and raised cross walks

Key map



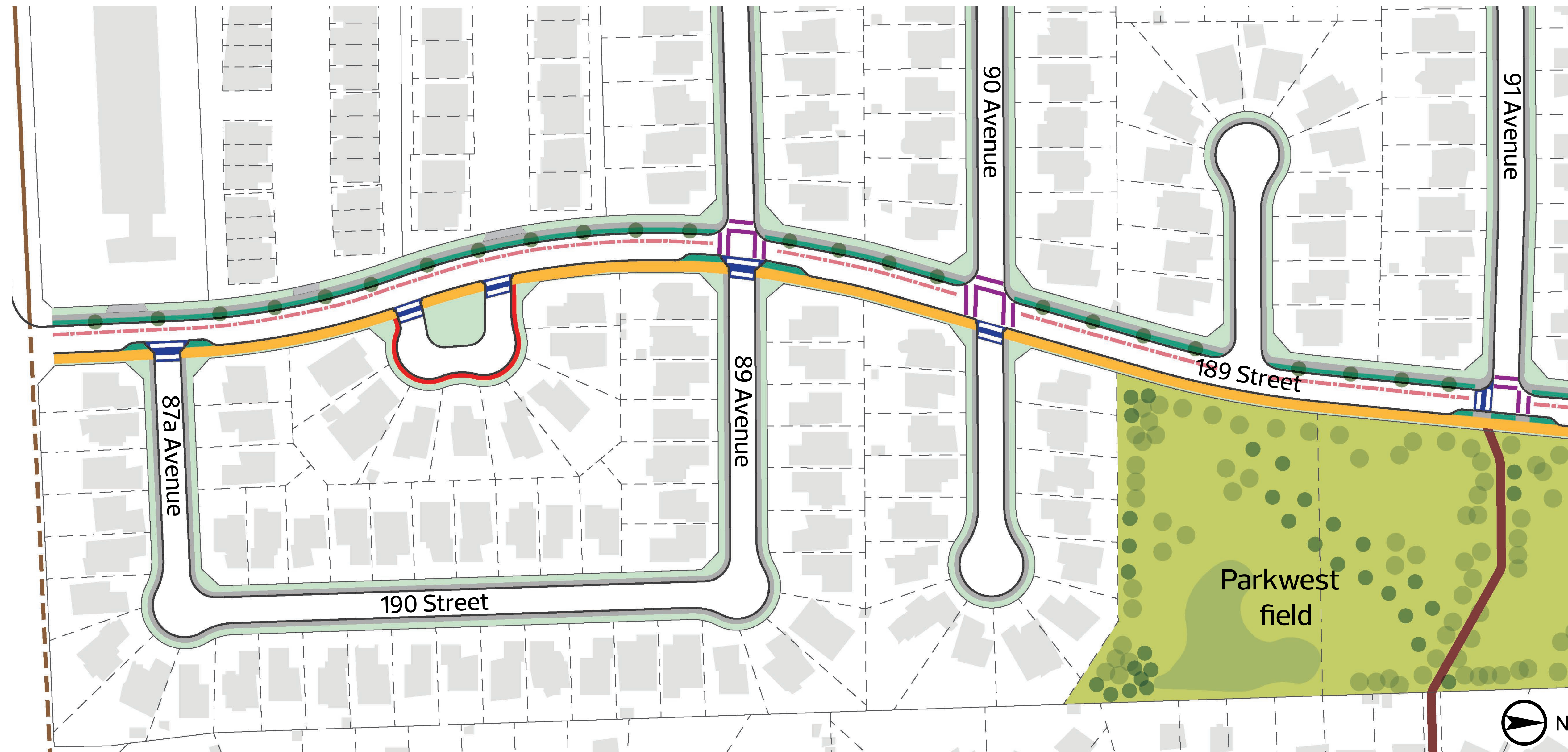
A 189 Street looking north

REFINE

Roadways and crossings

189 Street

Collector road



Legend

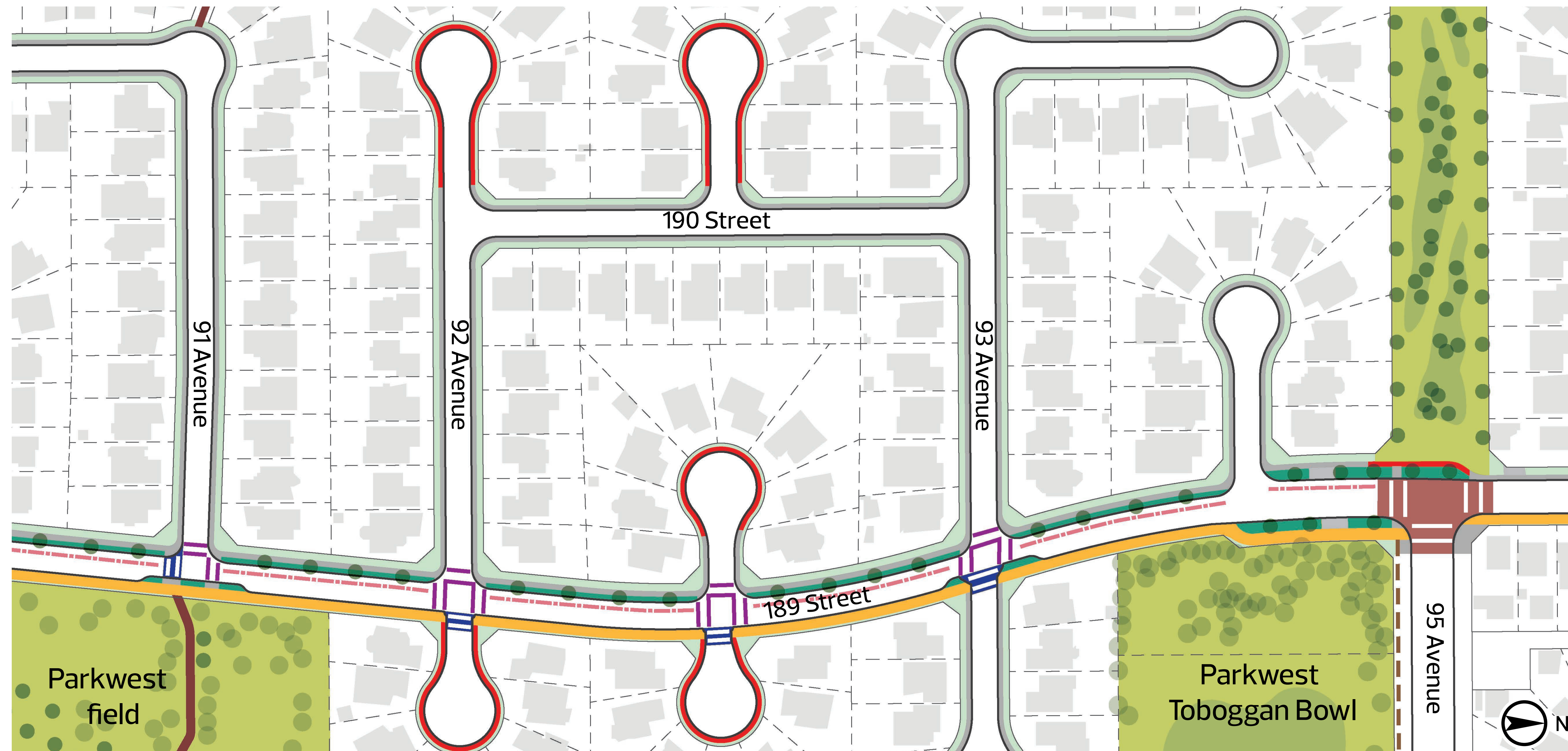
- | | | | |
|---------------------------|----------------------------|-----------------------------|----------------|
| Reconstruct sidewalks | Reconstruct shared pathway | Parks and open space | Existing trees |
| New sidewalks | New shared pathway | Existing district connector | New trees |
| Existing grass/boulevards | New painted crosswalk | Future district connector | |
| New boulevards | New raised crosswalk | No on-street parking | |



Roadways and crossings

189 Street

Collector road



Legend

- | | | | |
|---------------------------|----------------------------|---------------------------|----------------|
| Reconstruct sidewalks | Reconstruct shared pathway | New raised intersection | Existing trees |
| New sidewalks | New shared pathway | Parks and open space | New trees |
| Existing grass/boulevards | New painted crosswalk | Future district connector | |
| New boulevards | New raised crosswalk | No on-street parking | |

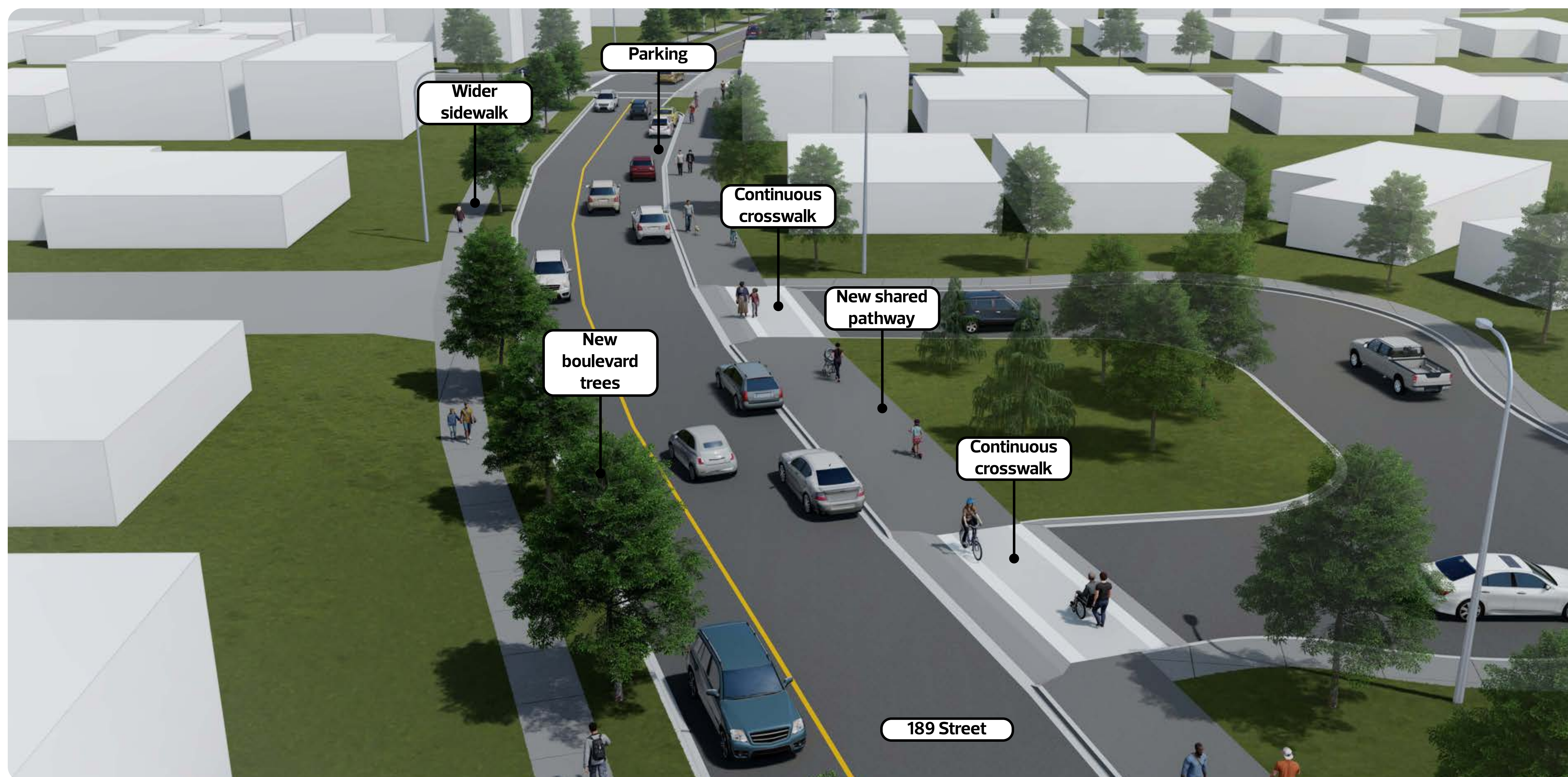


Roadways and crossings

189 Street

Collector road

189 Street near commercial area looking north



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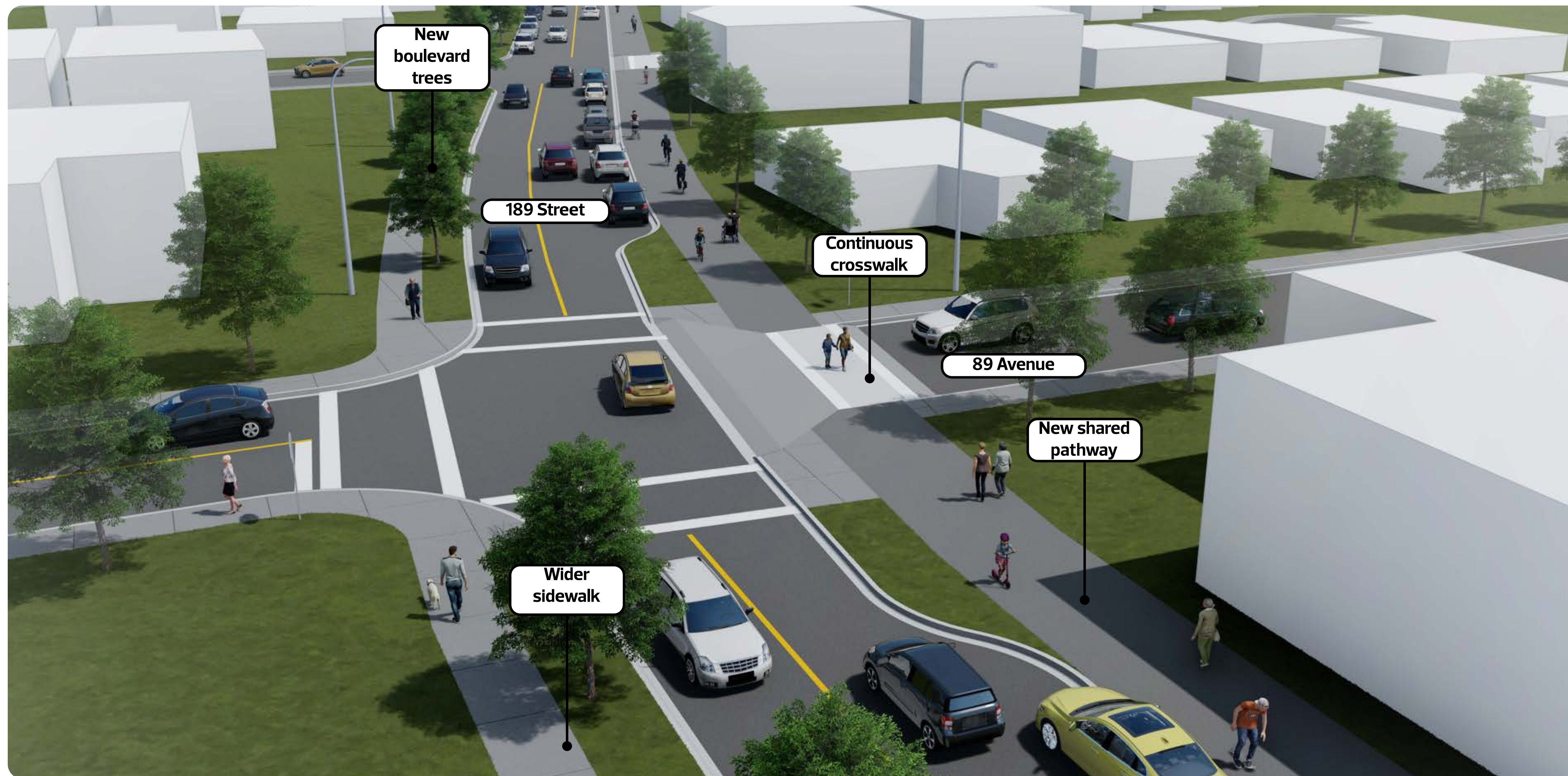
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Roadways and crossings

189 Street

Collector road

189 Street and 89 Avenue looking north

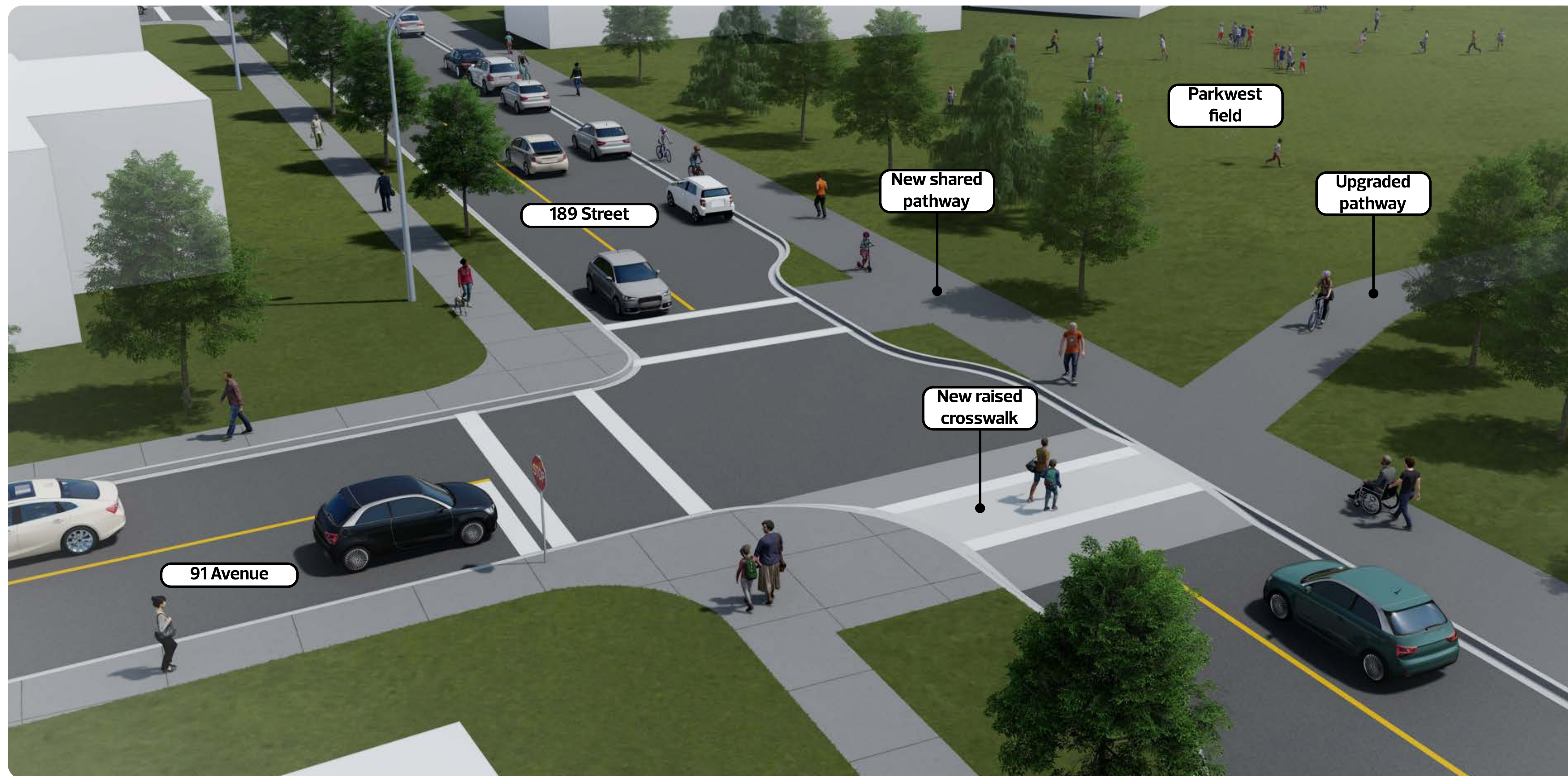


Roadways and crossings

189 Street

Collector road

189 Street and 91 Avenue looking north

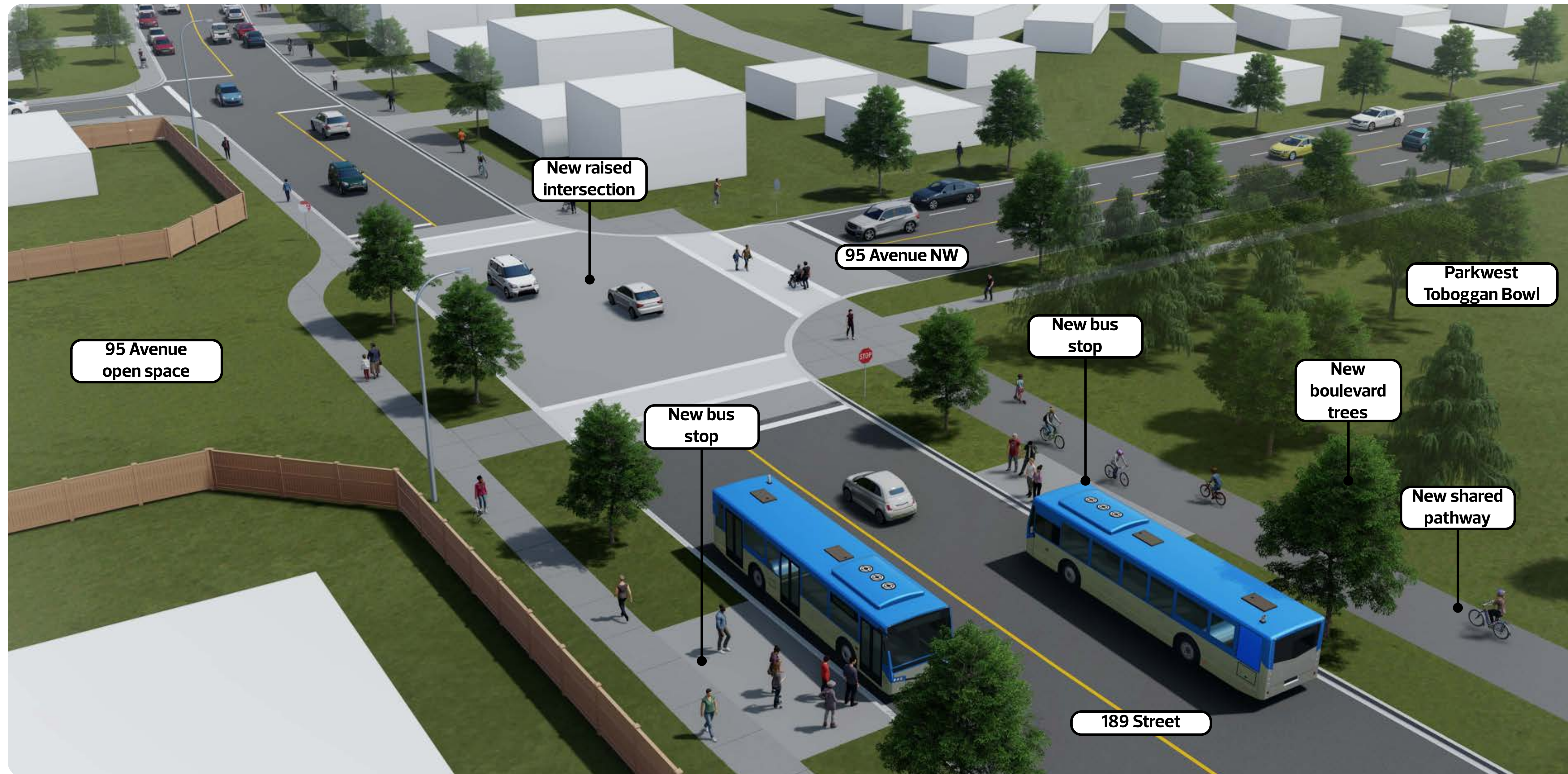


Roadways and crossings

189 Street

Collector road

189 Street and 95 Avenue looking north



Roadways and crossings

182 Street

Collector road

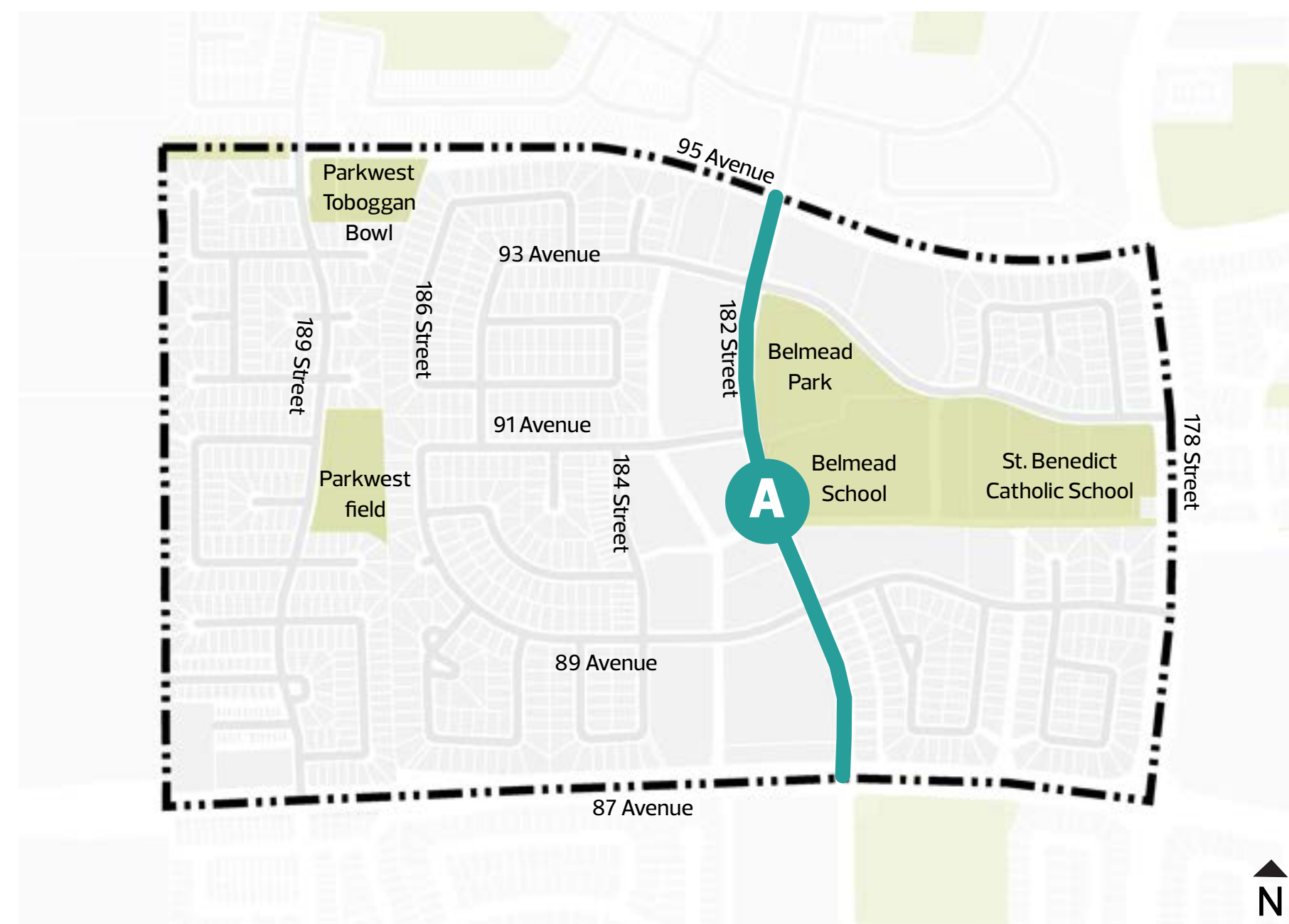
Key design influences:

- + 182 Street in Belmead was recently renewed so full reconstruction of the roadway is not required
- + Intersection improvements will calm traffic and enhance safety
- + Additional space for people who walk, roll and bike near Belmead School

The draft design includes:

- Additional curb extensions and raised crosswalks at 93 Avenue and 89 Avenue
- New shared pathway on the east side of the street
- On-street parking maintained on both sides of the street

Key map



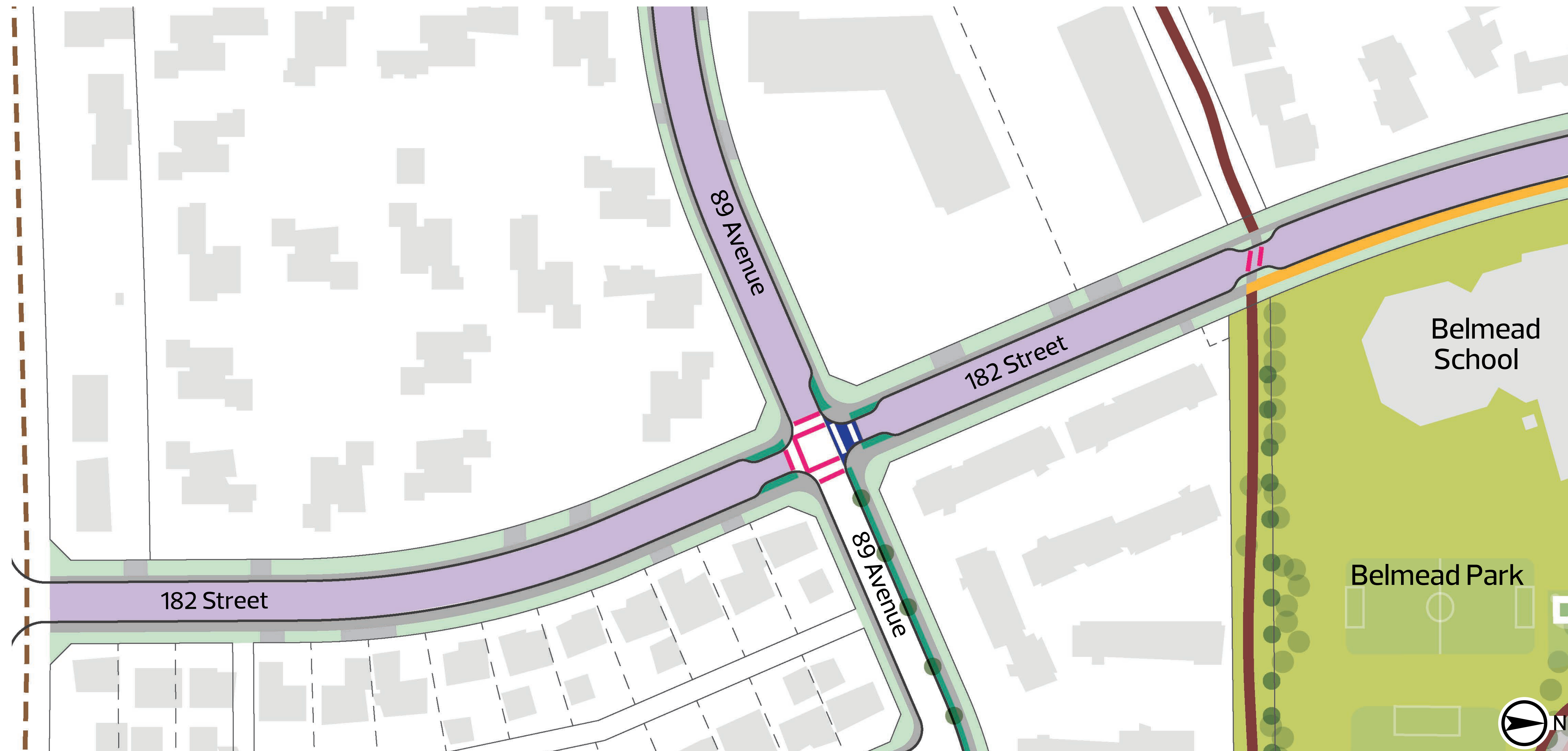
A 182 Street looking north



Roadways and crossings

182 Street

Collector road



Legend

- | | | | |
|---------------------------|----------------------------|---------------------------|-----------------------------------|
| Reconstruct sidewalks | Reconstruct shared pathway | New raised crosswalk | Existing trees |
| Existing grass/boulevards | New shared pathway | Parks and open space | New trees |
| New boulevards | Existing painted crosswalk | Future district connector | Road and sidewalk renewed in 2017 |



Roadways and crossings

182 Street

Collector road



Legend

- | | | | | |
|---------------------------|----------------------------|---------------------------|----------------------|-----------------------------------|
| Reconstruct sidewalks | Reconstruct shared pathway | New painted crosswalk | Parks and open space | No on-street parking |
| Existing grass/boulevards | New shared pathway | New raised crosswalk | Existing trees | Road and sidewalk renewed in 2017 |
| New boulevards | Existing painted crosswalk | Future district connector | New trees | |



Roadways and crossings

89 Avenue and 184 Street

Collector road

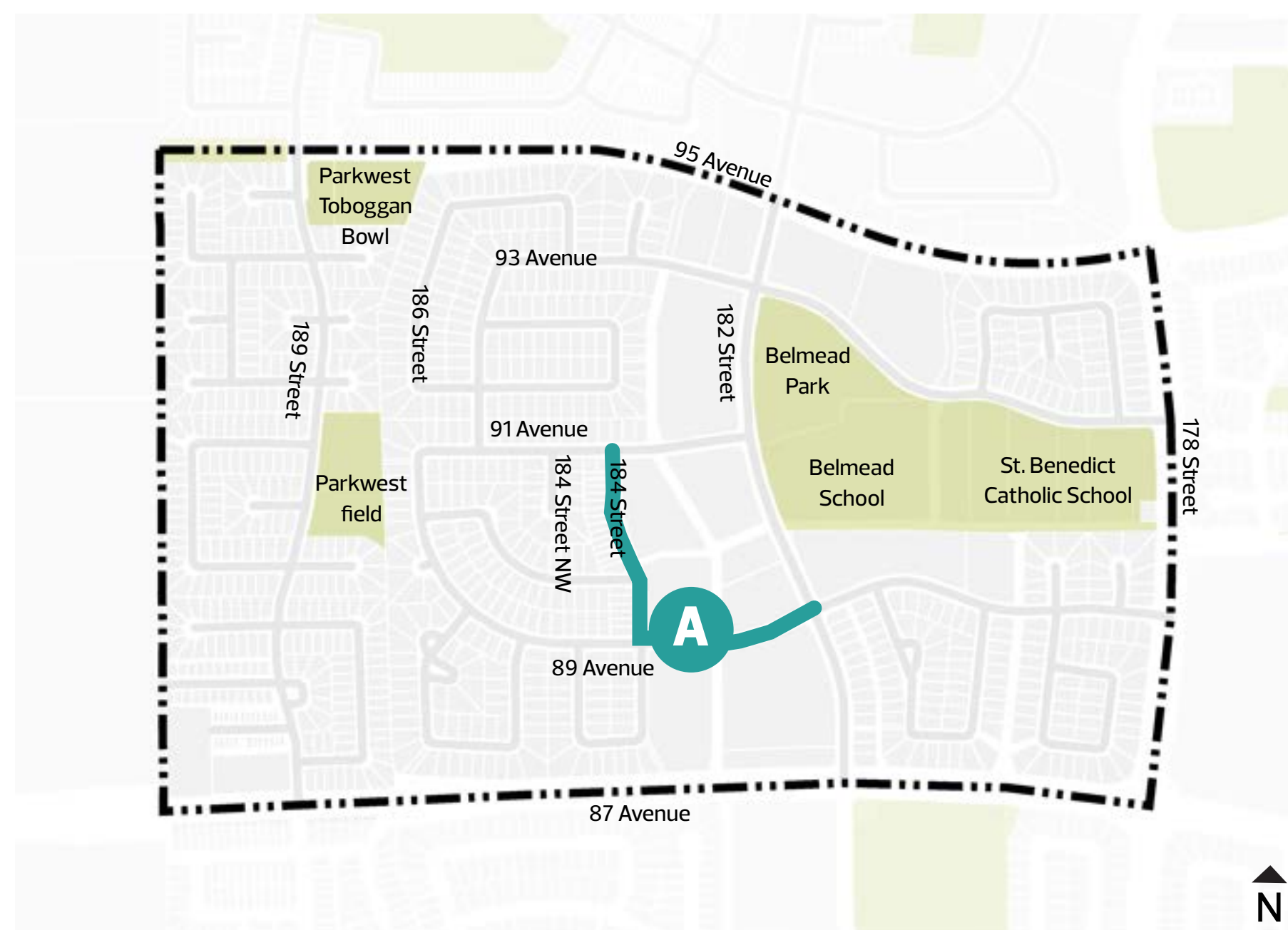
Key design influences:

- + 184 Street and 89 Avenue were recently renewed and full reconstruction of roadway is not required
- + Intersection improvements will calm traffic and enhance safety

The draft design includes:

- Traffic calming measures at key intersections and crossings
- On-street parking maintained on both sides of the street

Key map



Sidewalk

Drive lanes
with parking on both sides

Sidewalk

A 89 Avenue looking east

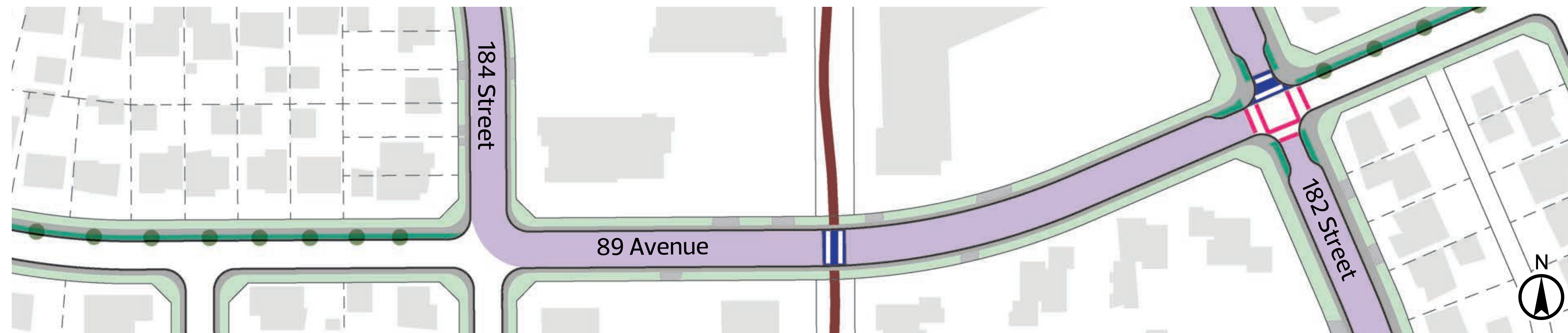
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Roadways and crossings

89 Avenue and 184 Street

Collector road

89 Avenue



184 Street



Legend

- | | | | |
|---------------------------|----------------------------|-----------------------|-----------------------------------|
| Reconstruct sidewalks | Reconstruct shared pathway | New painted crosswalk | Existing trees |
| Existing grass/boulevards | New shared pathway | New raised crosswalk | New trees |
| New boulevards | Existing painted crosswalk | No on-street parking | Road and sidewalk renewed in 2017 |



Roadways and crossings

91 Avenue

Collector road

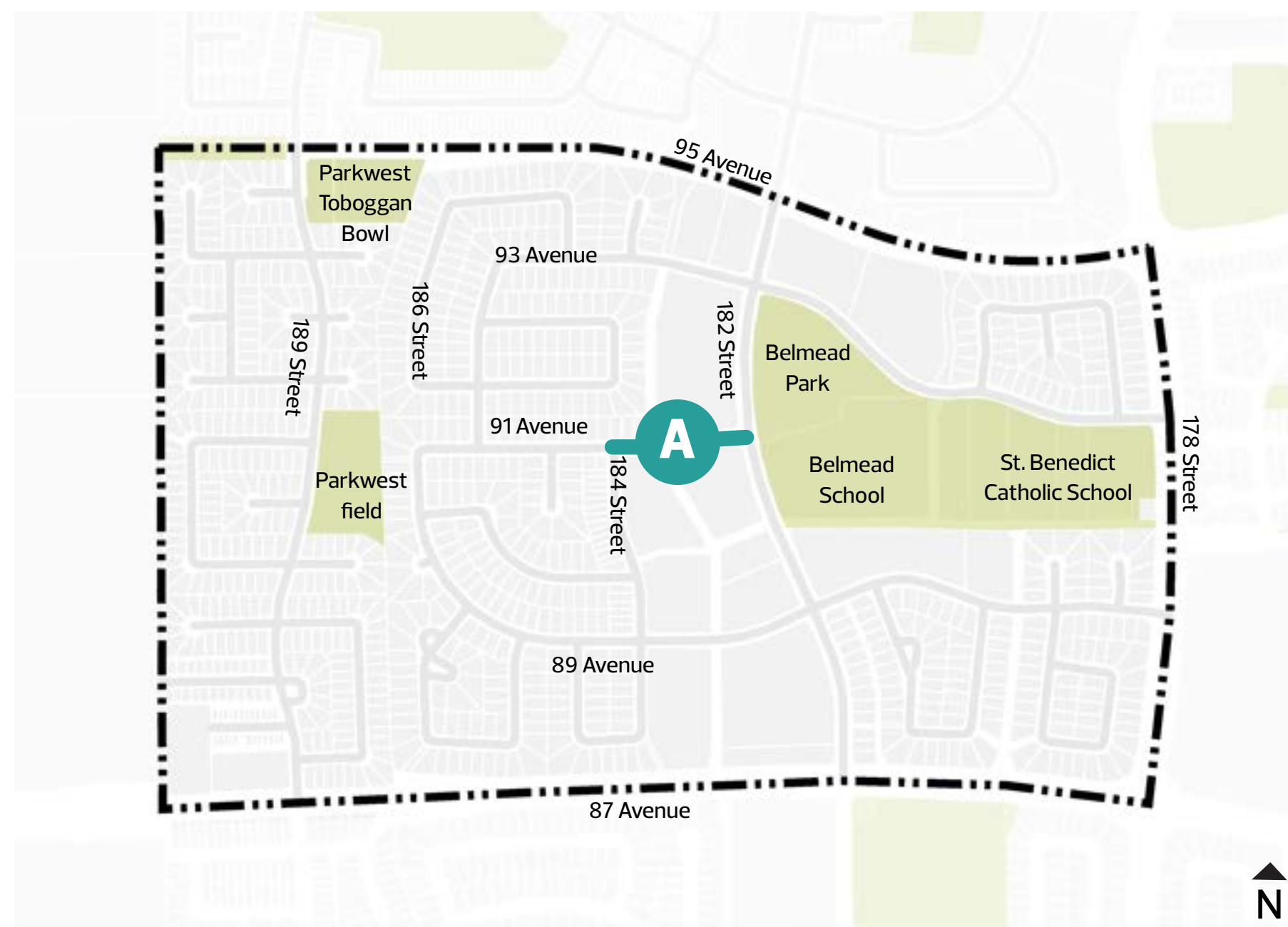
Key design influences:

- + 91 Avenue was recently renewed and full reconstruction of roadway is not required
- + A connection for people who walk, roll and bike is needed to connect east and west areas of the neighbourhood
- + Intersection improvements will calm traffic and enhance safety

The draft design includes:

- New shared pathway on the south side of the street
- New treed boulevard on the north side of the street
- North side on-street parking removed
- Traffic calming measures at key intersection and crossings

Key map



Shared pathway

Drive lanes
with parking on one side only

Treed
boulevard Sidewalk

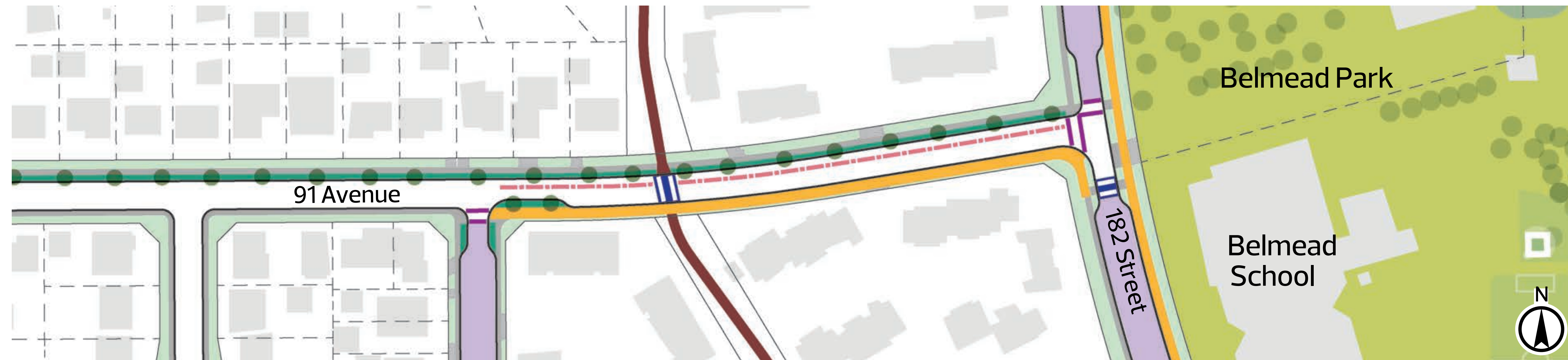
A 91 Avenue looking west

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Roadways and crossings

91 Avenue

Collector road



Legend

- | | | | |
|---------------------------|----------------------------|-----------------------------------|----------------------|
| Reconstruct sidewalks | Reconstruct shared pathway | New painted crosswalk | Parks and open space |
| Existing grass/boulevards | New shared pathway | New raised crosswalk | Existing trees |
| New boulevards | No on-street parking | Road and sidewalk renewed in 2017 | New trees |



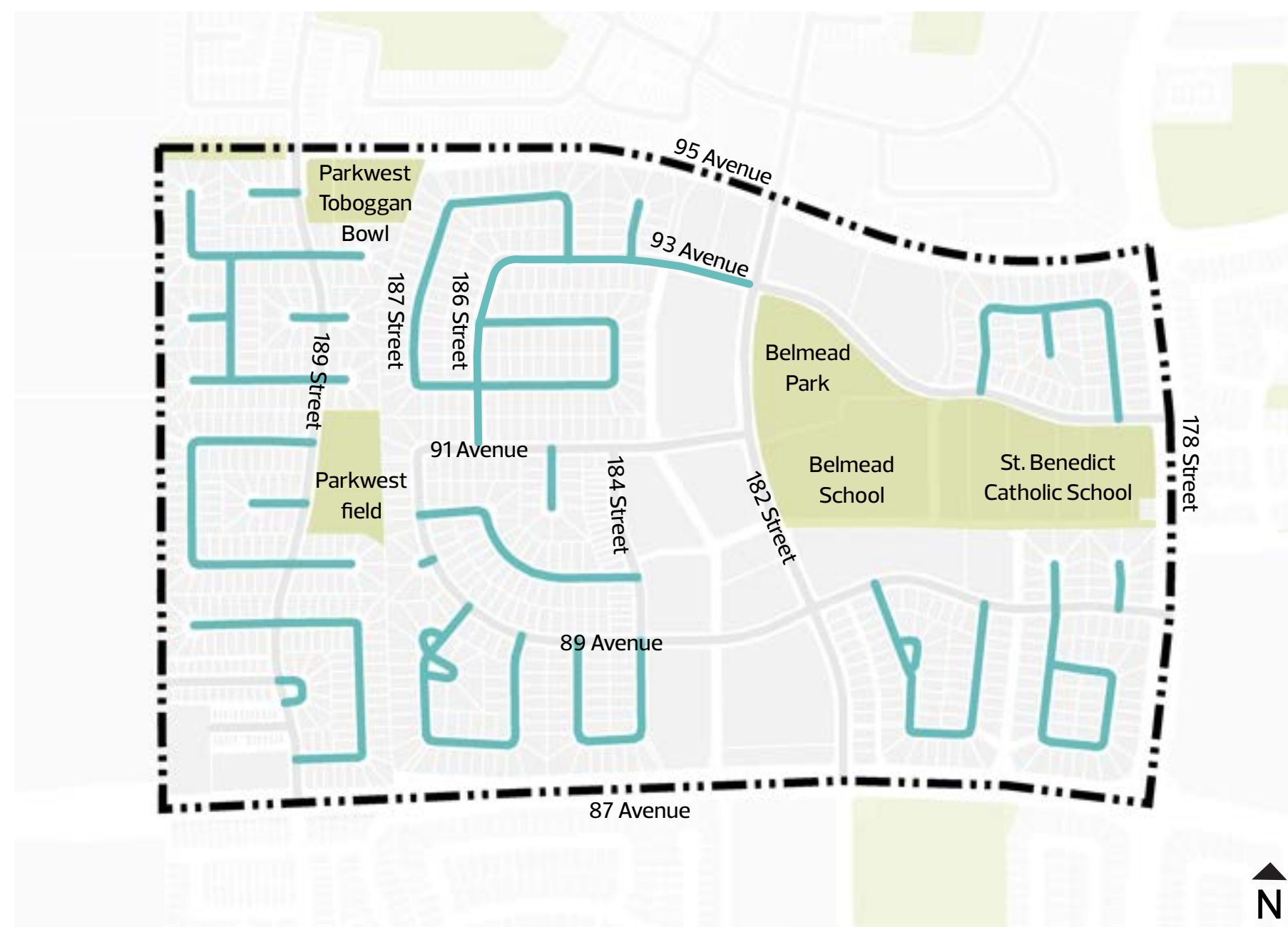
Roadways and crossings

Local roads

Key design influences:

- + Many existing roads meet the current standards
- + Some roads are wider than the current standards; however, utility conflicts prevent narrowing
- + Sidewalk improvements are needed for people of all ages and abilities to walk and roll
- + Missing sidewalk links

Key map



The draft design includes:

- Reconstruction of the existing roads
- Traffic calming on wider roads that cannot accommodate narrowing
- Sidewalks will be rebuilt (pending Local Improvement decision)
- On-street parking maintained
- Renewal of street lights (decorative option pending Local Improvement decision)



Typical local road

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Roadways and crossings

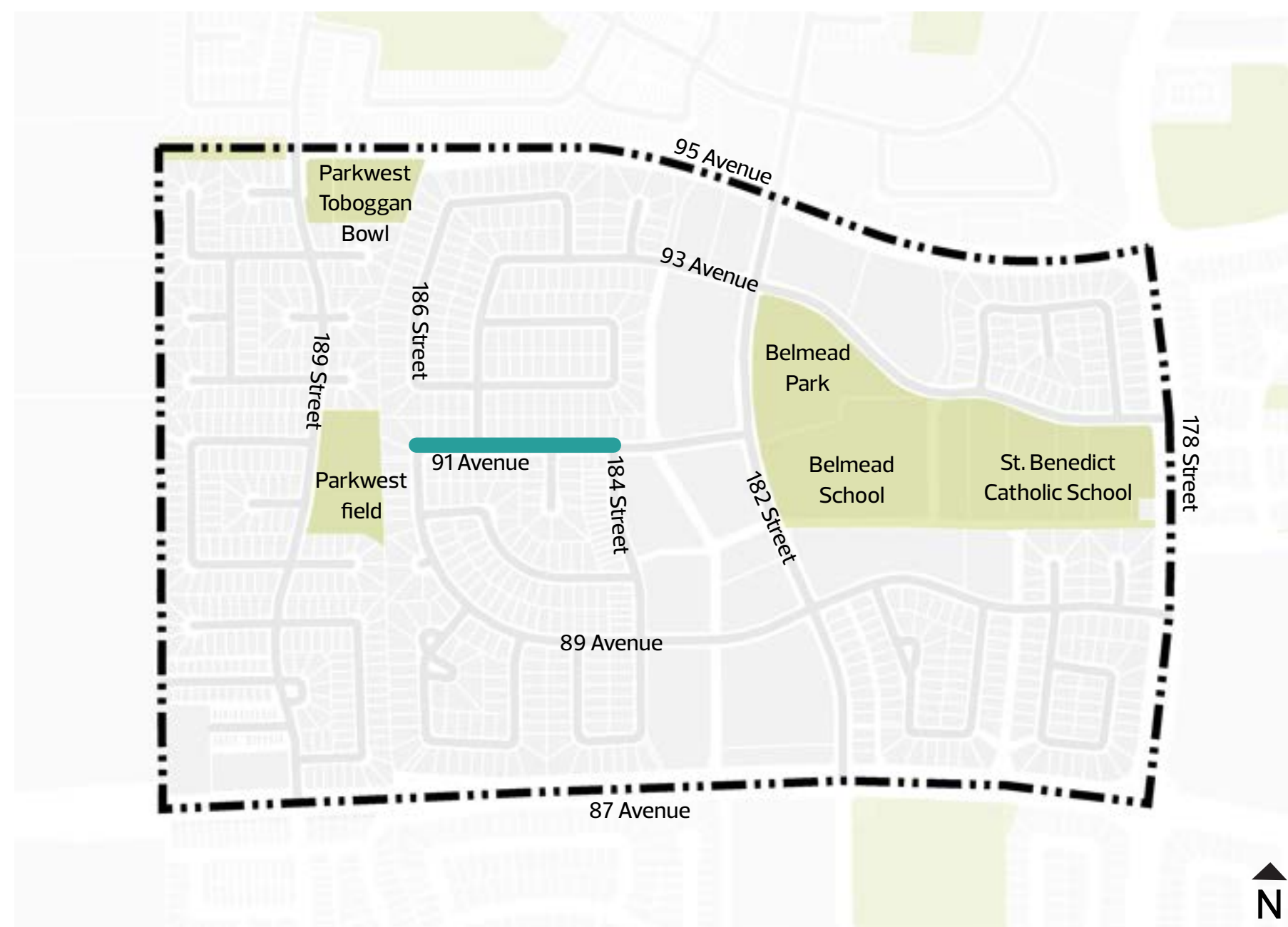
91 Avenue

Local road

Key design influences:

- + The road is wider than current standards
- + A connection for people who walk, roll and bike is needed to connect east and west areas of the neighbourhood
- + Intersection improvements will calm traffic and enhance safety

Key map



The draft design includes:

- Roadway narrowed to current standards
- On-street parking maintained on both sides of the street
- Treed boulevard added to the north side
- Designation as a **local street bikeway**⁵
- Traffic calming measures at key intersections and crossings

Note 5: A **local street bikeway** is a street where the road is shared between people biking and driving, and is designed for low motor vehicle speeds by incorporating traffic calming measures.

Local street bikeway example

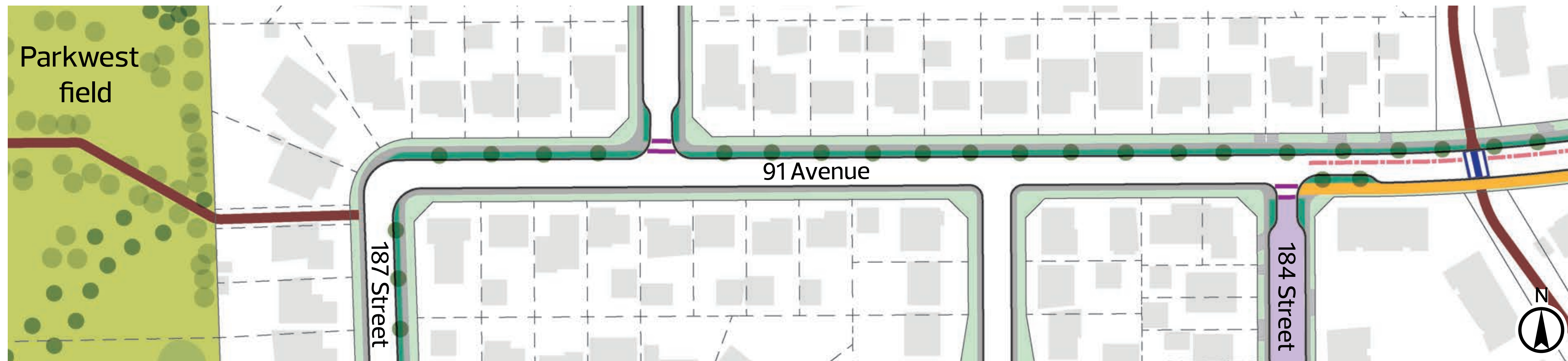


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Roadways and crossings

91 Avenue

Local road



Legend

- | | | | |
|---------------------------|----------------------------|-----------------------------------|----------------------|
| Reconstruct sidewalks | Reconstruct shared pathway | New raised crosswalk | Parks and open space |
| Existing grass/boulevards | New shared pathway | No on-street parking | Existing trees |
| New boulevards | New painted crosswalk | Road and sidewalk renewed in 2017 | New trees |



Roadways and crossings

187 Street and 89 Avenue

Local road

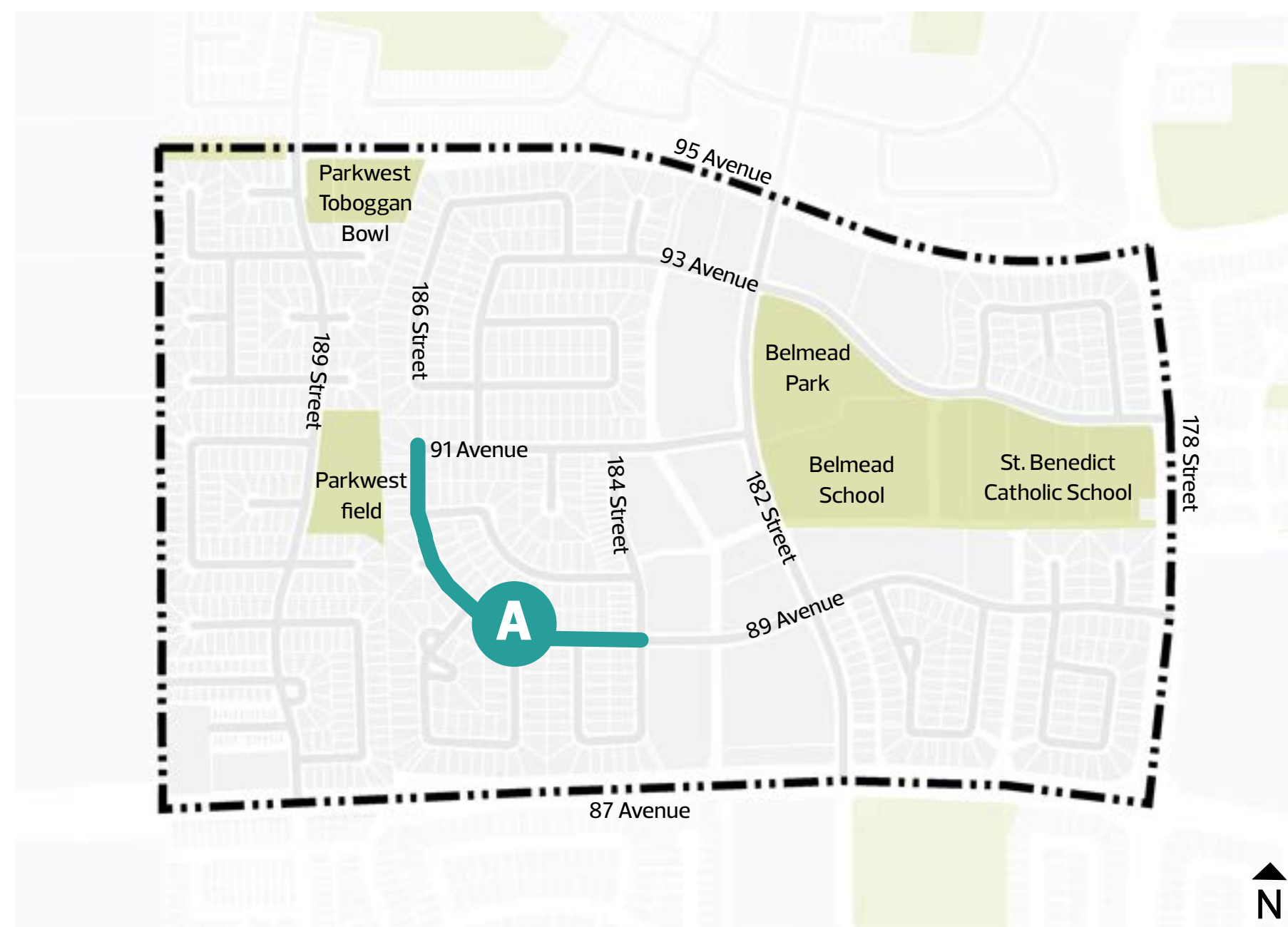
Key design influences:

- + The road is wider than current standards

The draft design includes:

- Roadway narrowed to current standards
- On-street parking maintained on both sides of the street
- Treed boulevard added to the east side of 187 Street
- Treed boulevard added to the north side of 89 Avenue

Key map



A 89 Avenue looking east

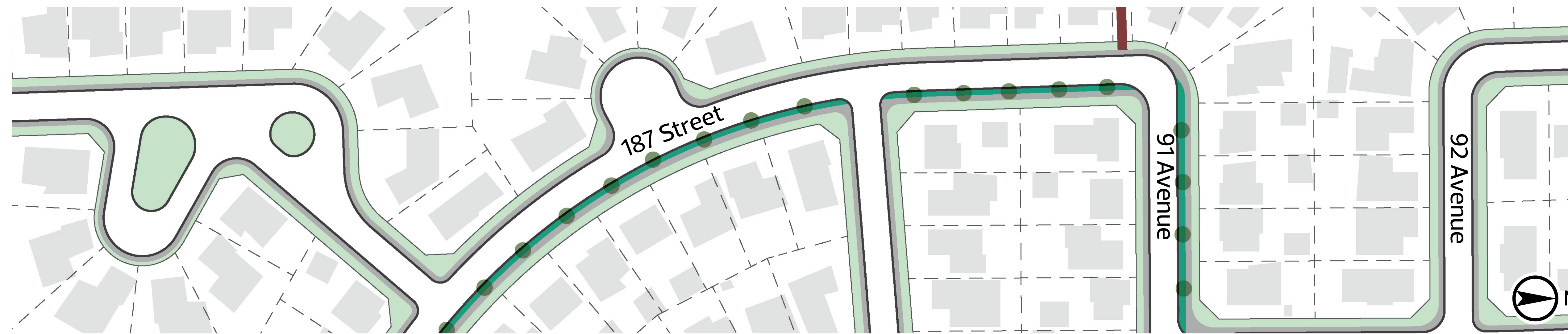


Roadways and crossings

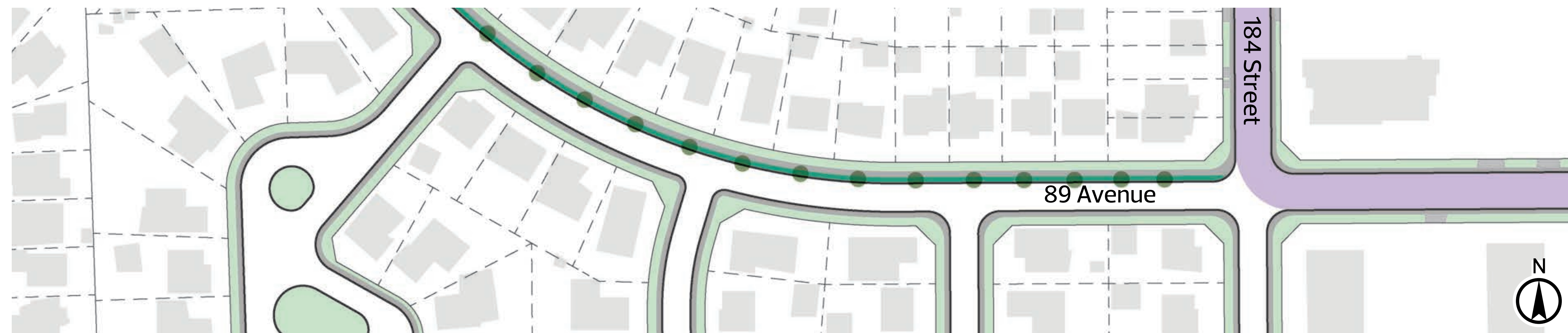
187 Street and 89 Avenue

Local road

187 Street



89 Avenue



Legend

- Reconstruct sidewalks
- Existing grass/boulevards
- New boulevards
- Reconstruct shared pathway
- Existing trees
- New trees
- Road and sidewalk renewed in 2017



Roadways and crossings

93 Avenue east of 182 Street

Local road

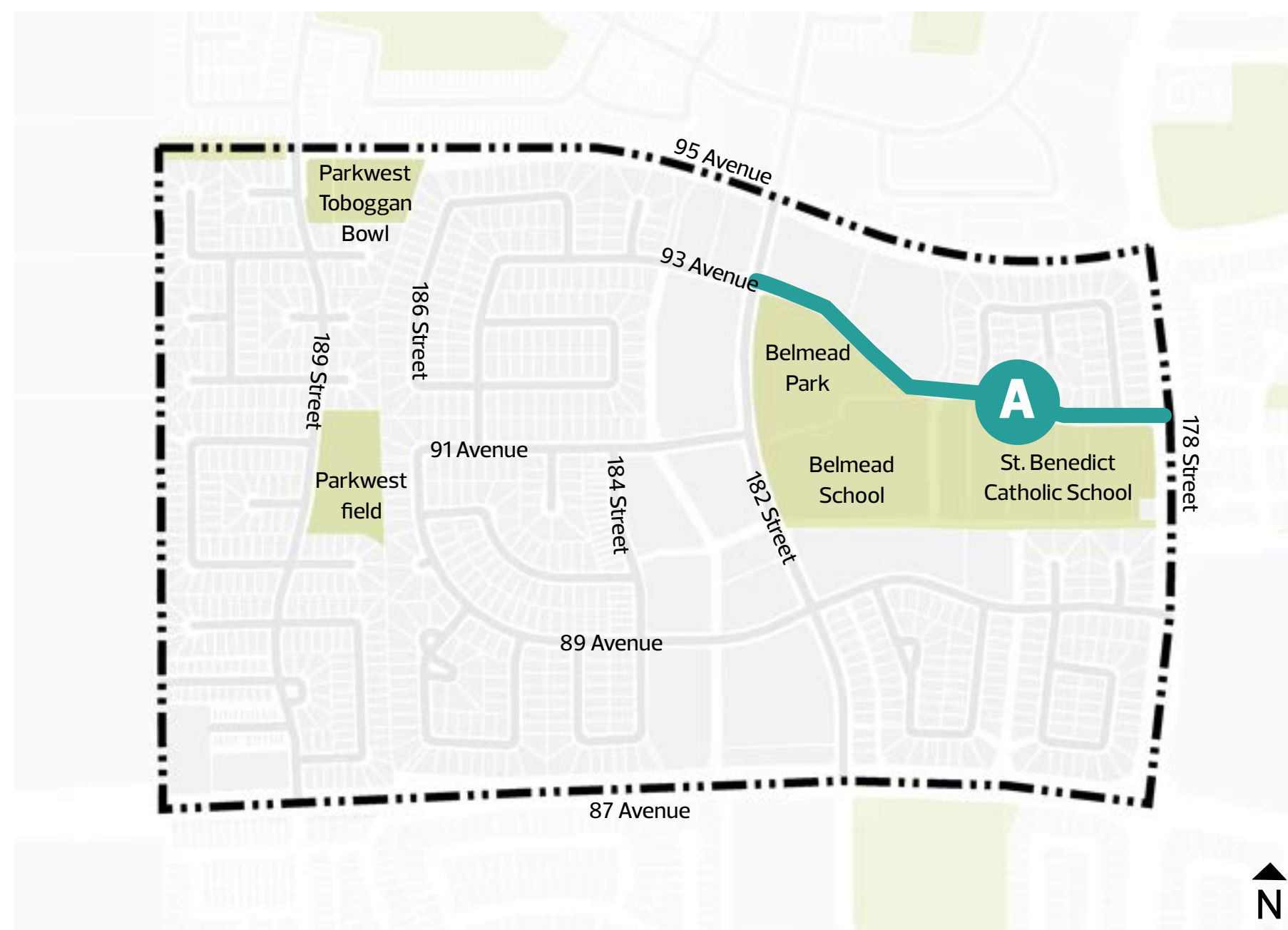
Key design influences:

- + The road is wider than current standards; however, utility conflicts prevent narrowing
- + Additional space for people who walk, roll and bike near St. Benedict School
- + Intersection improvements will calm traffic and enhance safety

The draft design includes:

- New shared pathway on the south side of the street
- Traffic calming measures at key intersections and crossings
- On-street parking maintained on both sides of the street

Key map



Sidewalk

Drive lanes
with parking on both sides

Shared pathway

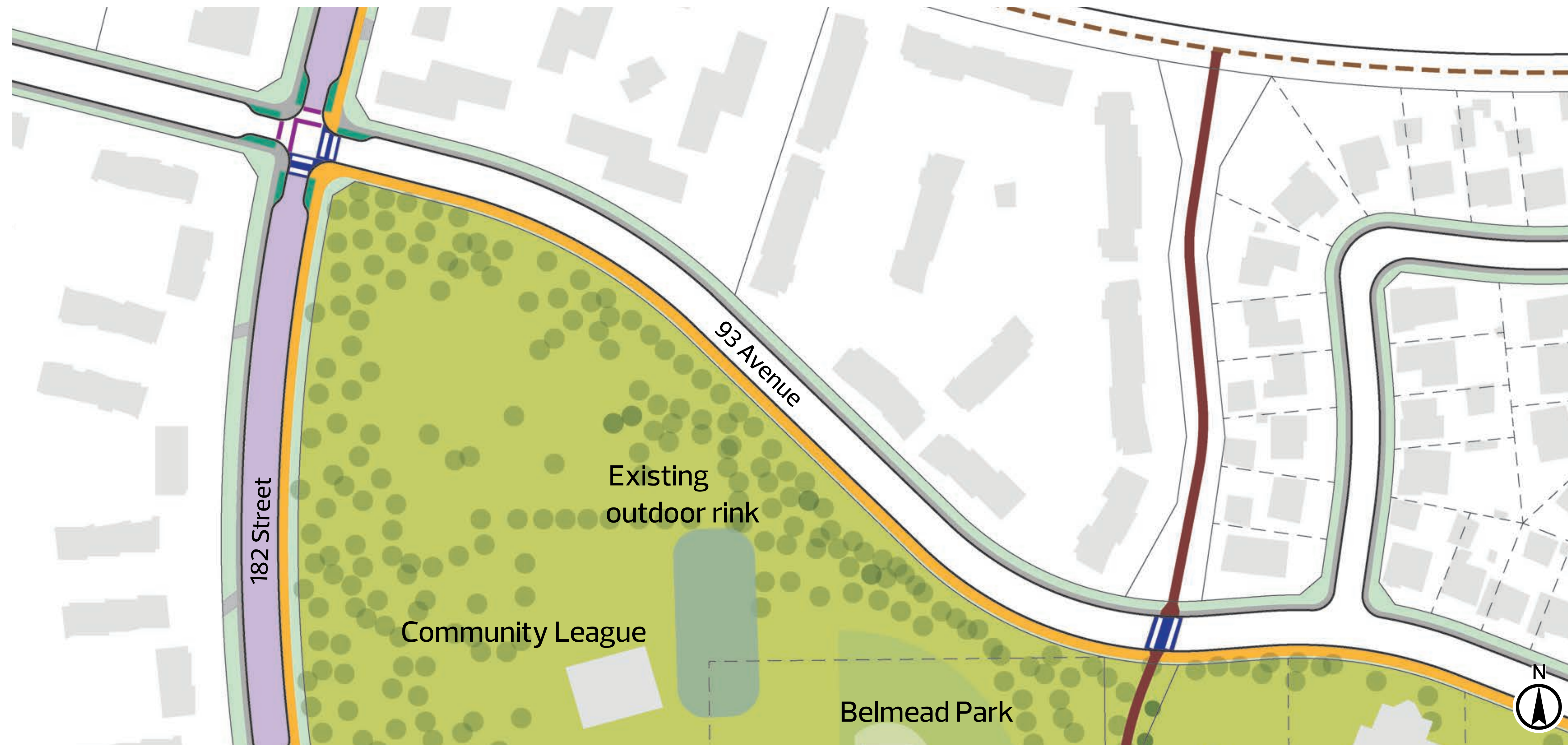
A 93 Avenue looking east

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Roadways and crossings

93 Avenue east of 182 Street

Local road



Legend

- | | | | |
|---------------------------|----------------------------|---------------------------|-----------------------------------|
| Reconstruct sidewalks | Reconstruct shared pathway | New raised crosswalk | Existing trees |
| Existing grass/boulevards | New shared pathway | Future district connector | New trees |
| New boulevards | New painted crosswalk | Parks and open space | Road and sidewalk renewed in 2017 |

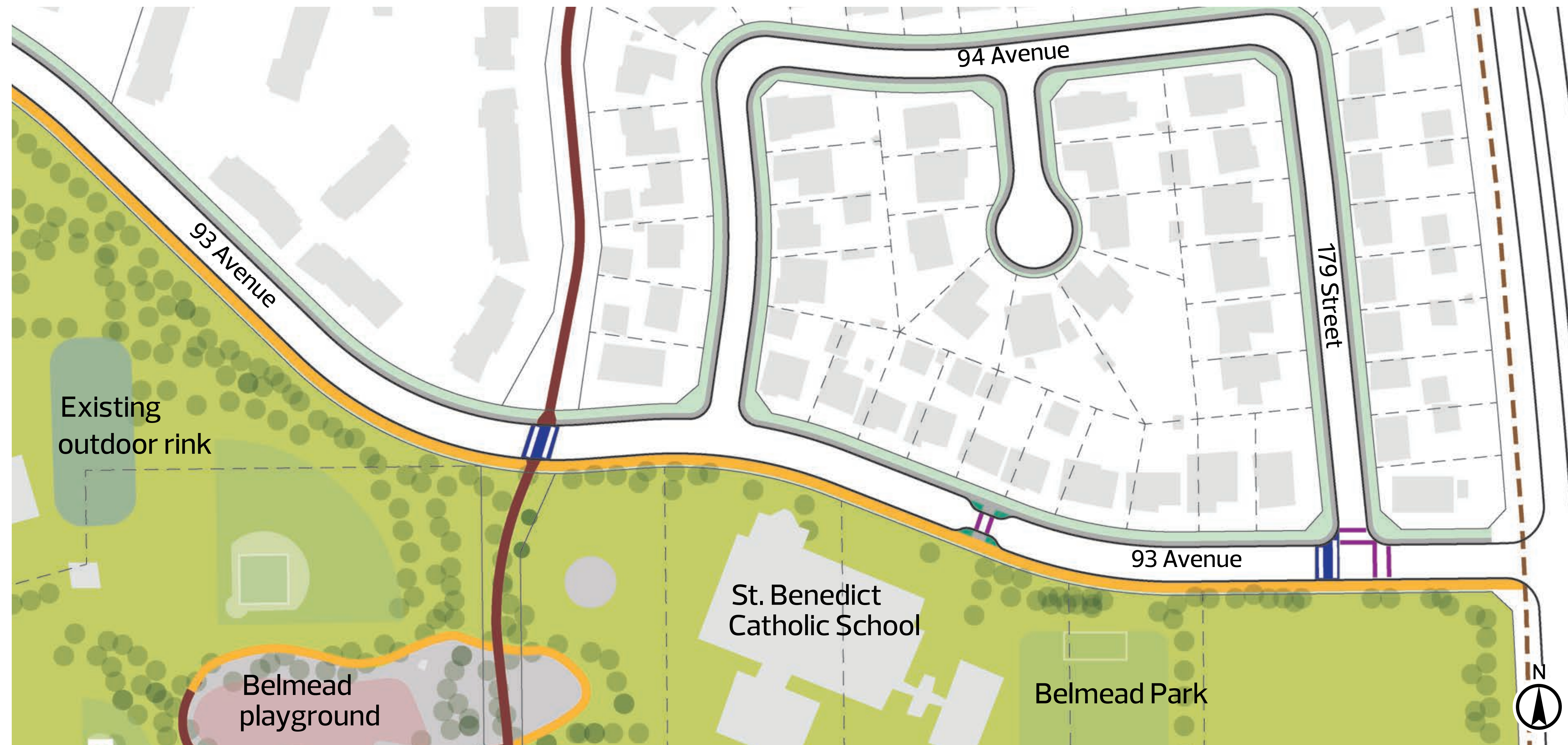
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Roadways and crossings

93 Avenue east of 182 Street

Local road



Legend

- | | | | |
|---------------------------|----------------------------|---------------------------|----------------|
| Reconstruct sidewalks | Reconstruct shared pathway | New raised crosswalk | Existing trees |
| Existing grass/boulevards | New shared pathway | Future district connector | New trees |
| New boulevards | New painted crosswalk | Parks and open space | |

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Roadways and crossings

89 Avenue east of 182 Street

Local road

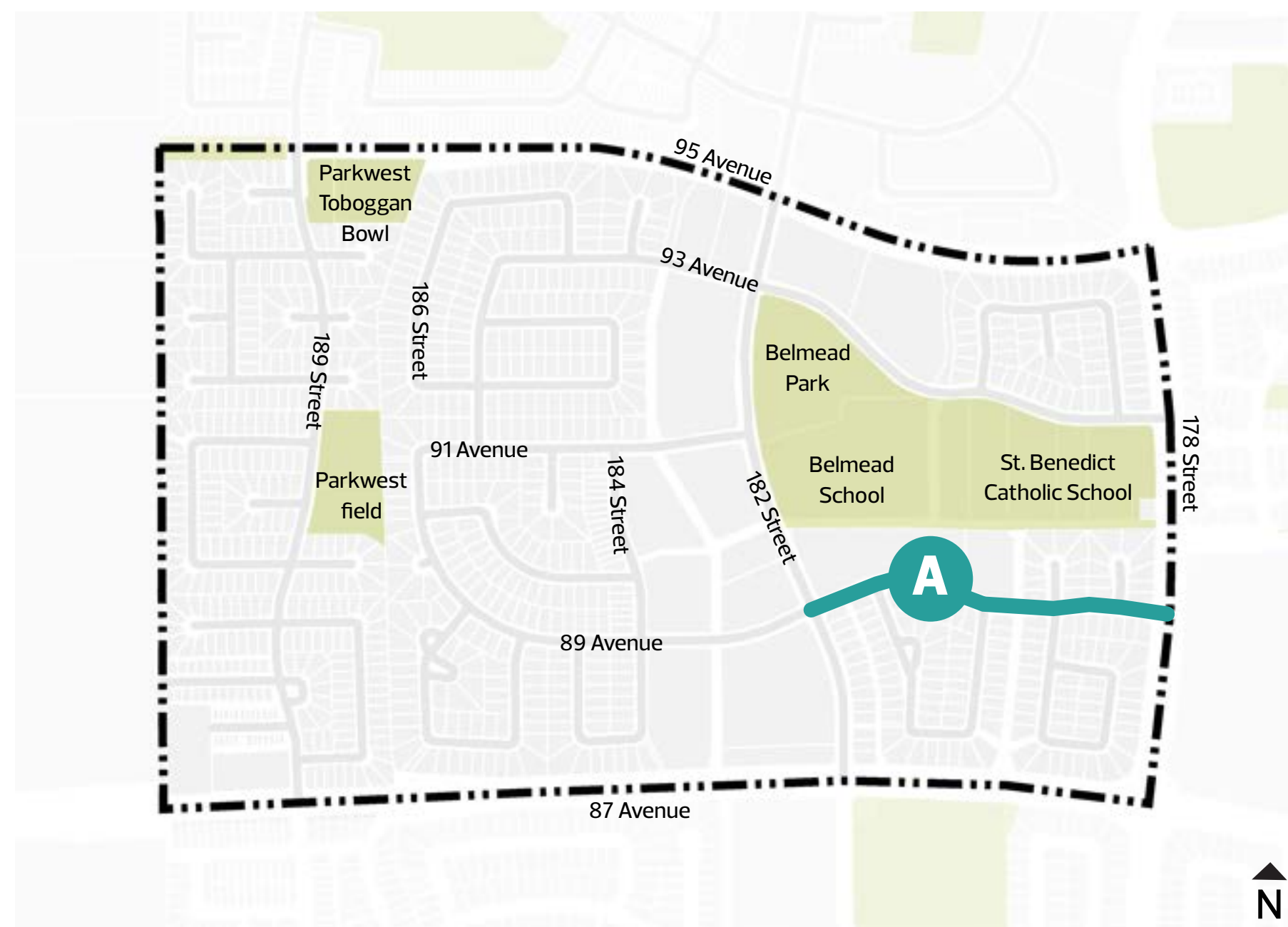
Key design influences:

- + The road is wider than current standards

The draft design includes:

- Roadway narrowed to current standards
- Treed boulevard added to the north side of the street
- Traffic calming measures at key intersections and crossings
- Parking maintained on both sides of the street
- On-street parking maintained on both sides of the street

Key map



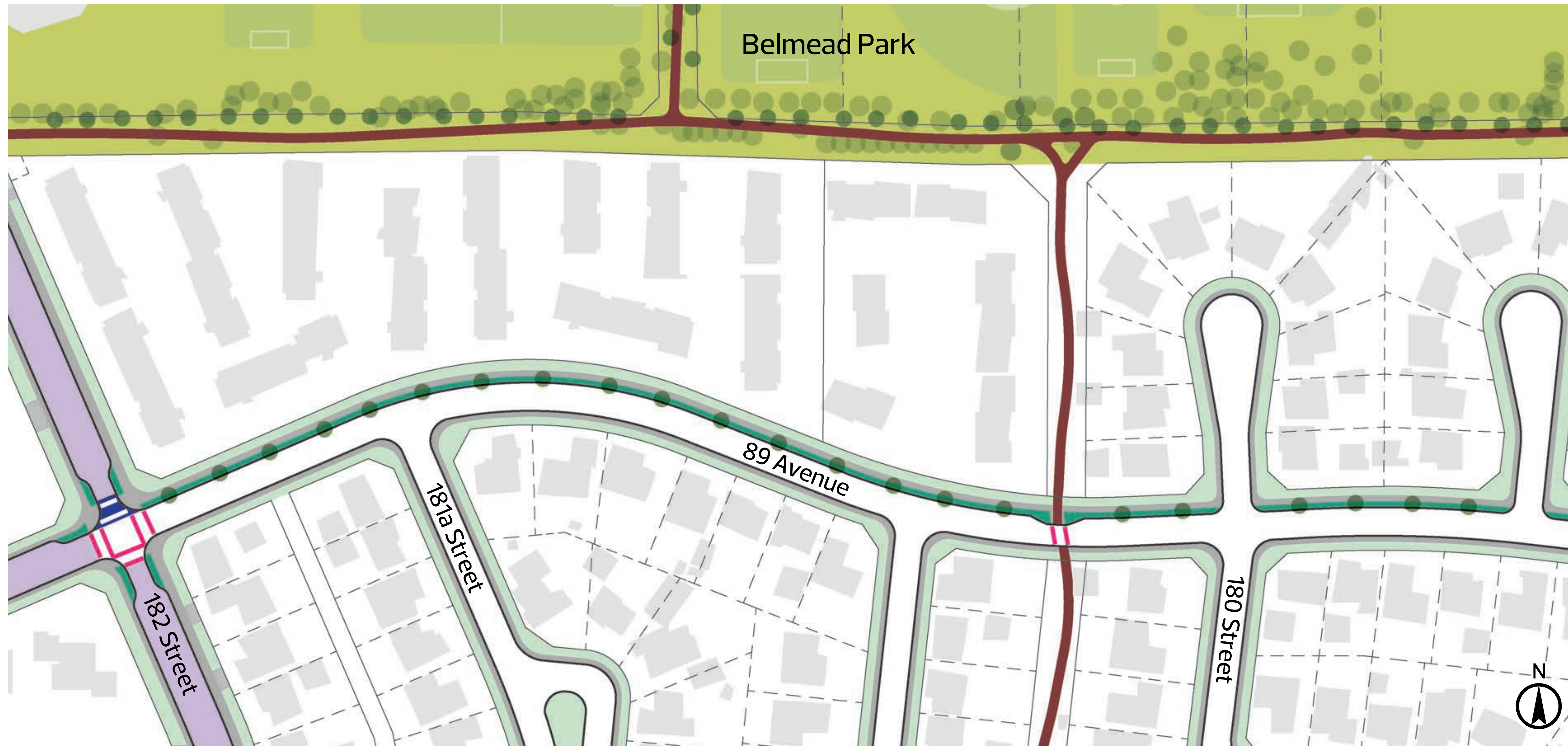
A 89 Avenue looking east



Roadways and crossings

89 Avenue east of 182 Street

Local road



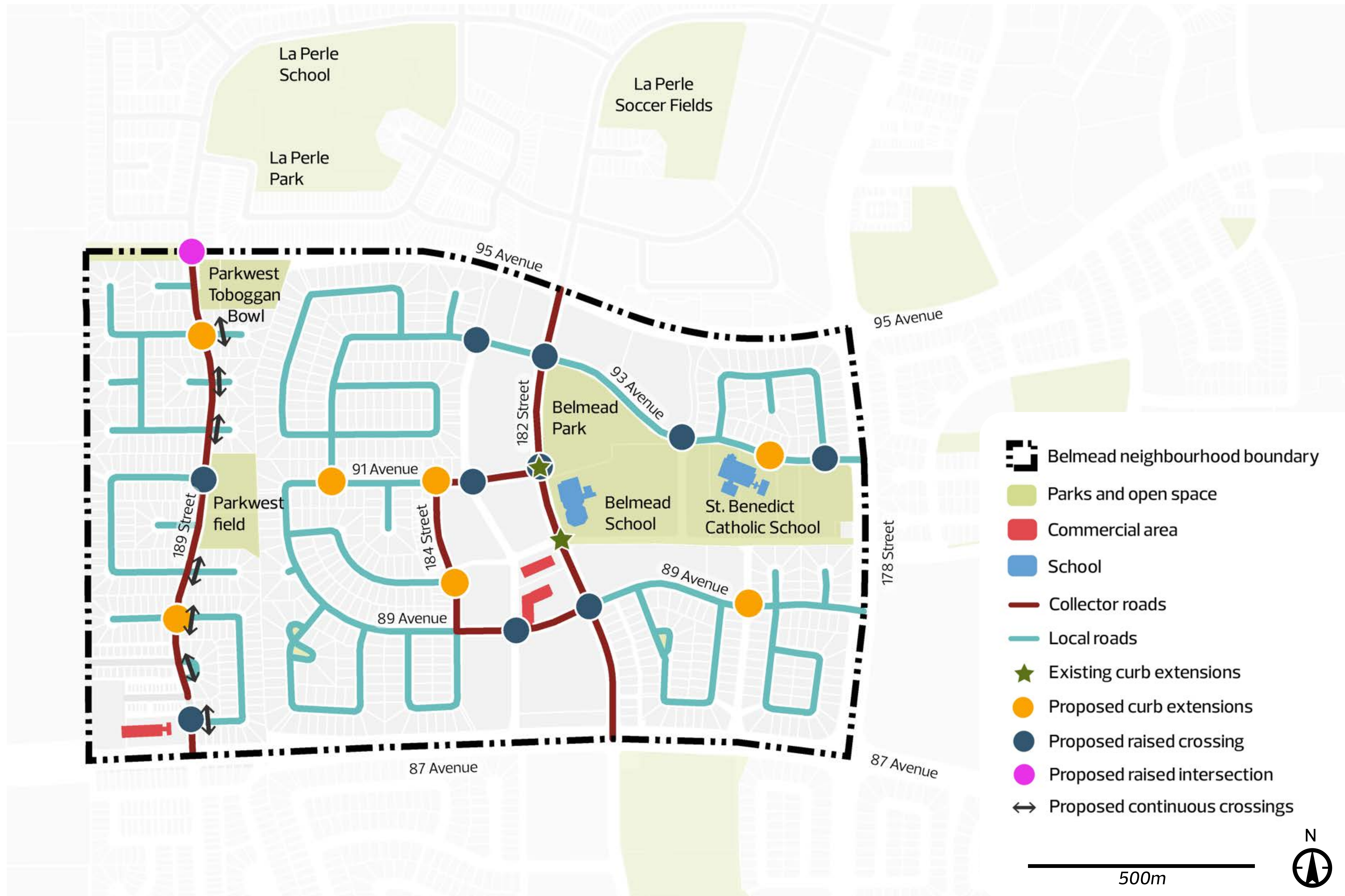
Legend

- | | | |
|---------------------------|----------------------------|-----------------------------------|
| Reconstruct sidewalks | Reconstruct shared pathway | Existing trees |
| Existing grass/boulevards | Existing painted crosswalk | New trees |
| New boulevards | New raised crosswalk | Road and sidewalk renewed in 2017 |

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Crossing enhancements overview



Roadways and crossings

Crossing enhancements

Curb extensions

A curb extension extends the curb to define the parking lane and provides additional space for people who cross at key locations either at the corners of the street or at a mid-block crossing.

Benefits: Slow traffic speeds, improved visibility of people who walk and roll, shortened crossing distance, and a physical buffer for landscaping while preventing parking too close to the intersections.



Curb extension example

Raised crosswalk

Raised crosswalks raise the roadway through the crosswalk to be near sidewalk height. They reduce vehicle speeds and allow people driving to be more aware of the people crossing the street.

Benefits: Slow traffic speeds, improved visibility of people crossing the street, and providing a level surface for crossing so people walking and rolling don't need to go up and down while navigating the streets.



Raised crosswalk example

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Roadways and crossings

Crossing enhancements

Continuous crossings:

Continuous crossing sidewalks communicate to people walking that they have an uninterrupted travel path while communicating to drivers that they are crossing a space for walking. The key feature of a continuous crossing is that the curb and sidewalk material remain uninterrupted through the crossing.

Benefits: Enhanced safety for pedestrians, increased accessibility for people walking rolling and biking, and mitigate traffic congestion by reducing the conflict between pedestrians and drivers.



Continuous crossings example

Raised intersection:

A raised intersection is an intersection that is constructed higher than the surrounding roadway surfaces.

Benefits: Enhanced accessibility, improved visibility for both pedestrian and drivers making it easier to see oncoming traffic, slower traffic movement and prioritizing pedestrian safety.



Raised intersection example

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Parks and open space

Key design influences:

1. Improve connectivity to and through the parks and open space is essential to provide accessibility for all ages and abilities

Design elements:

- Upgrades to existing shared pathways and tie-in missing connections

2. Additional amenities and enhanced spaces will offer more recreational opportunities

Design elements:

- Improved seating areas along key walking and biking routes
- Additional amenities such as bike parking and waste bins
- Lighting improvements where identified as missing or needing replacement

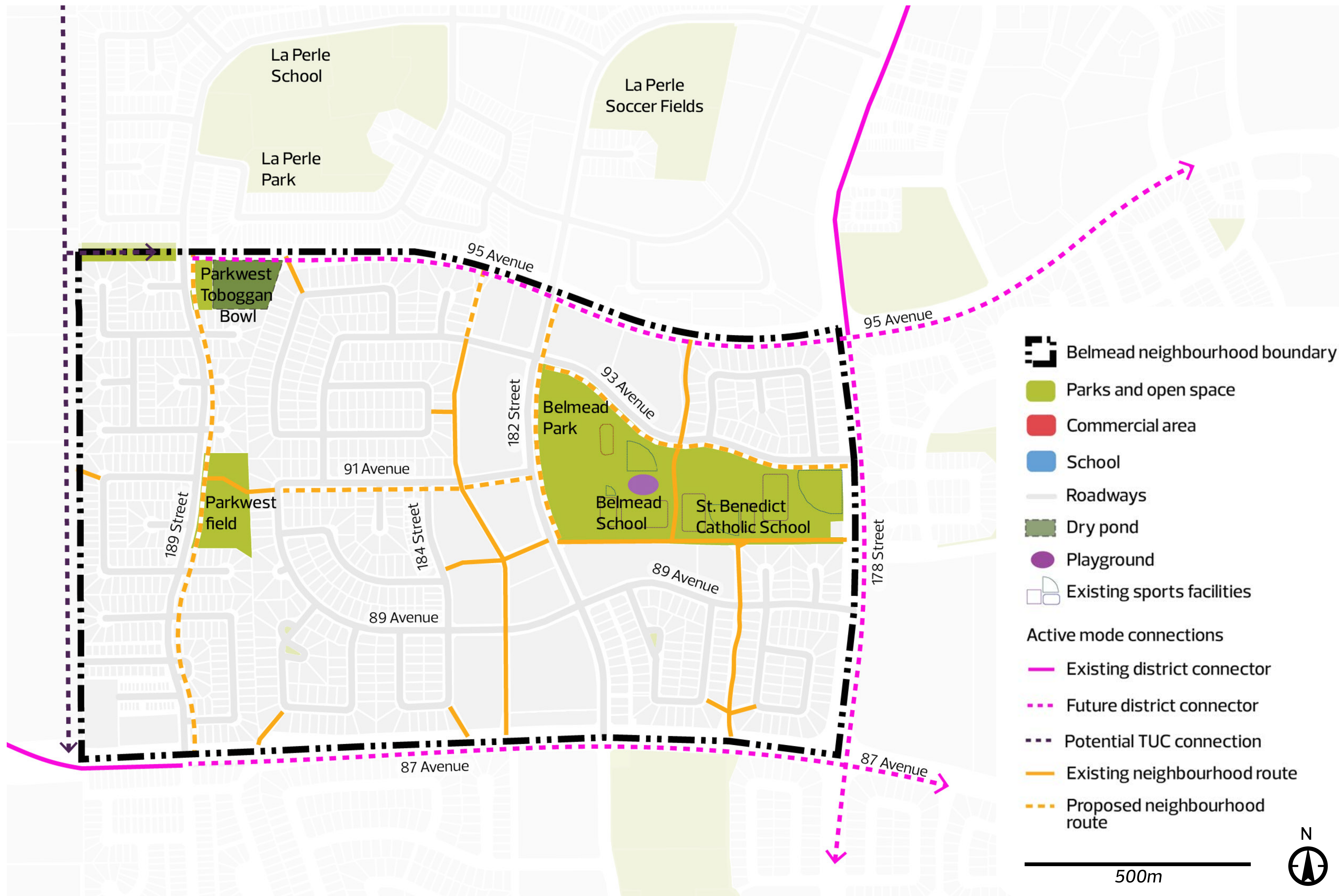
3. Increased tree canopy will improve biodiversity in the neighbourhood and support overall well-being of the residents

Design elements:

- New trees

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Parks and open space overview



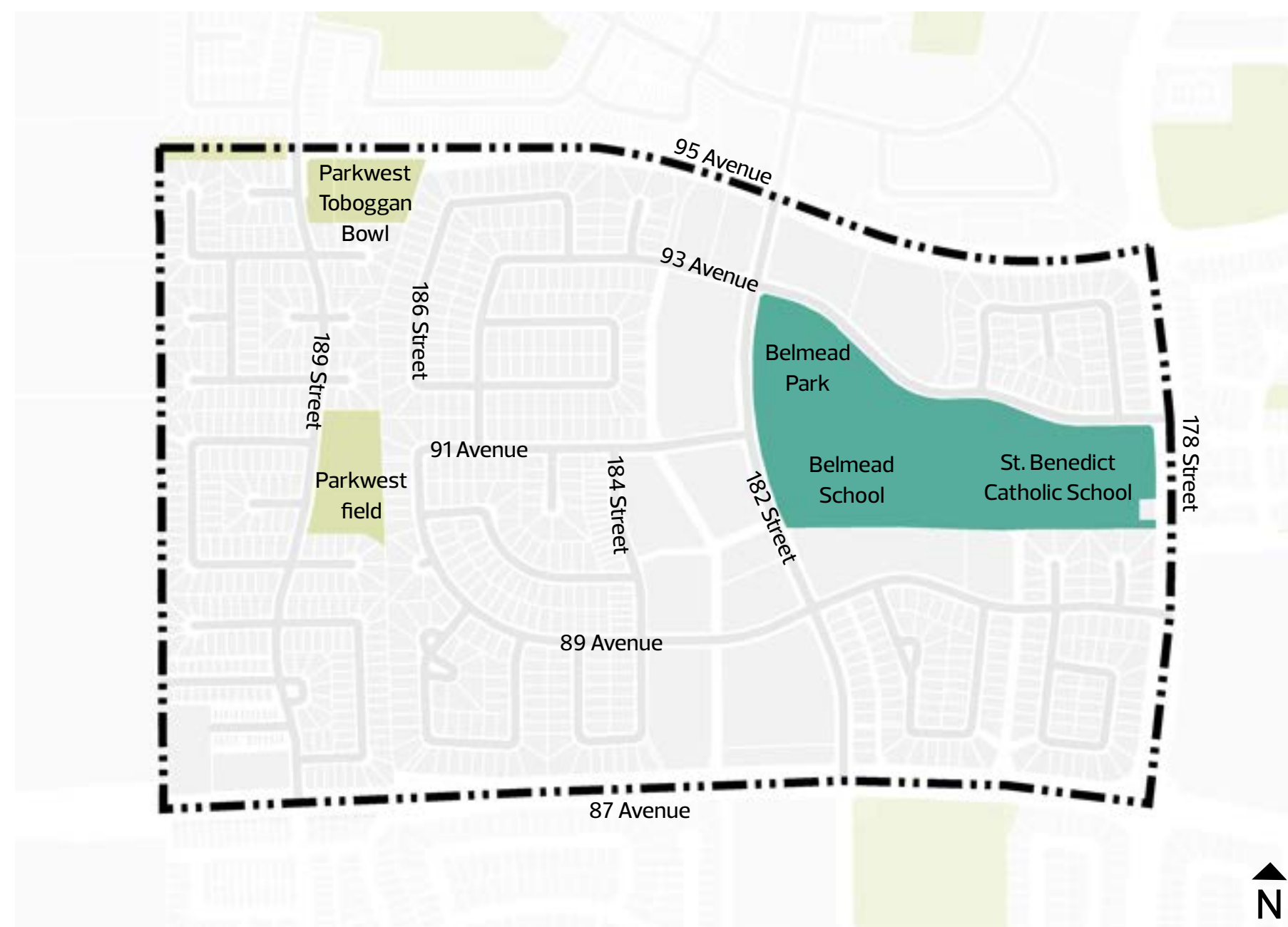
Parks and open space

Belmead Park

Key design influences:

- + Belmead Park is an important open space that serves as a hub for community gatherings and social interactions
- + The pathway connections in the parks and open spaces are essential part of the overall walking, rolling and biking network. Some pathways do not align with current standards
- + Improvements to seating area and other amenities will offer additional recreational opportunities

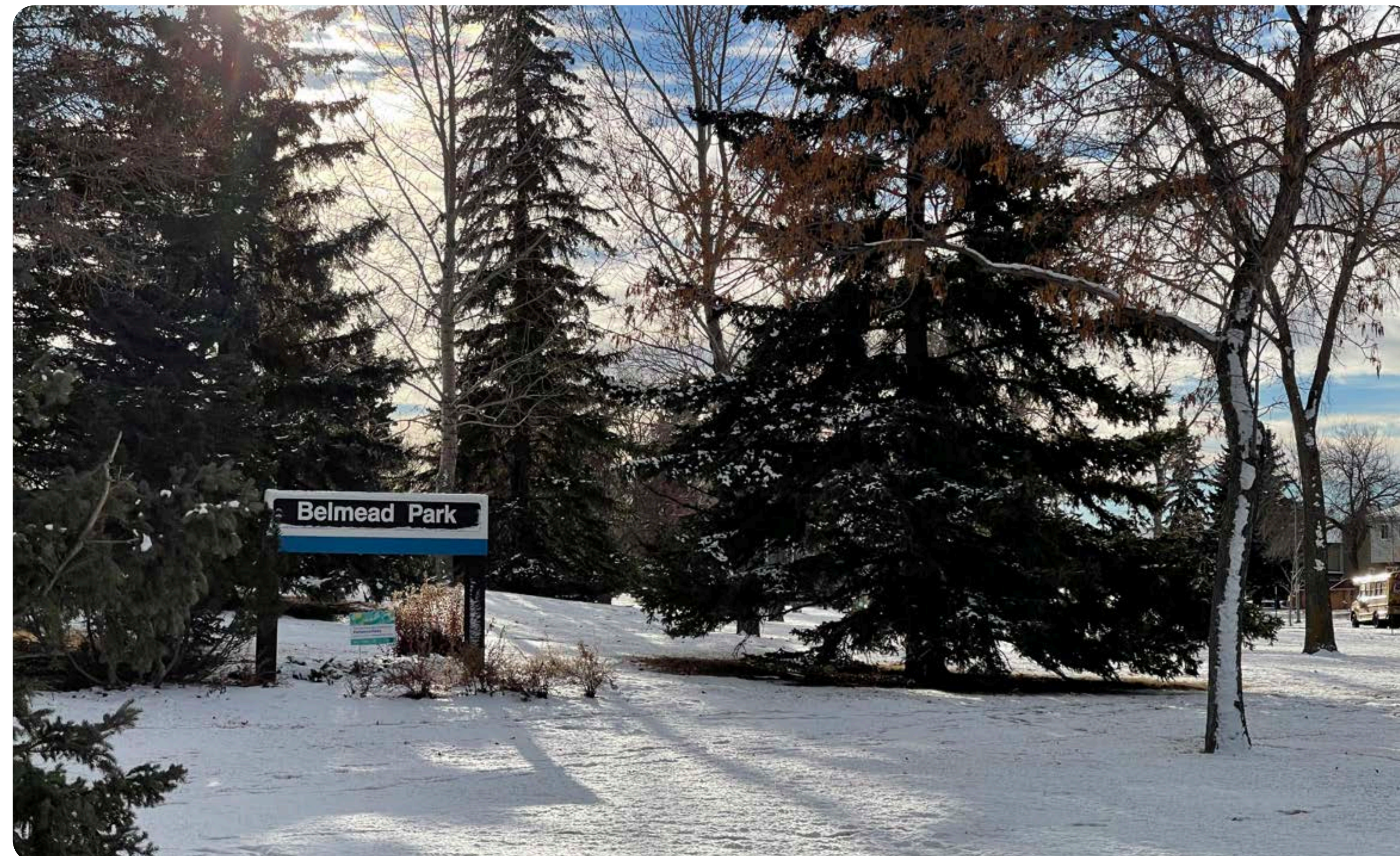
Key map



The draft design includes:

- Upgrades to existing pathways and addition of new shared pathways
- New trees
- Seating areas, bike parking, lighting improvements and waste bins

Belmead Park existing condition



Parks and open space

Belmead Park



Legend

- | | | | | |
|-----------------------------|-------------------------------------|------------------------------|------------------------------|-----------------------------|
| — Reconstruct sidewalks | Ⓣ Existing seating area | — Reconstruct shared pathway | — Existing painted crosswalk | — Future district connector |
| — Existing grass/boulevards | Ⓣ New seating area | — New shared pathway | — New painted crosswalk | ● Existing trees |
| — New boulevards | 🚲 New bike parking | — Parks and open space | — New raised crosswalk | ● New trees |
| - - - No on-street parking | — Road and sidewalk renewed in 2017 | | | |

100m



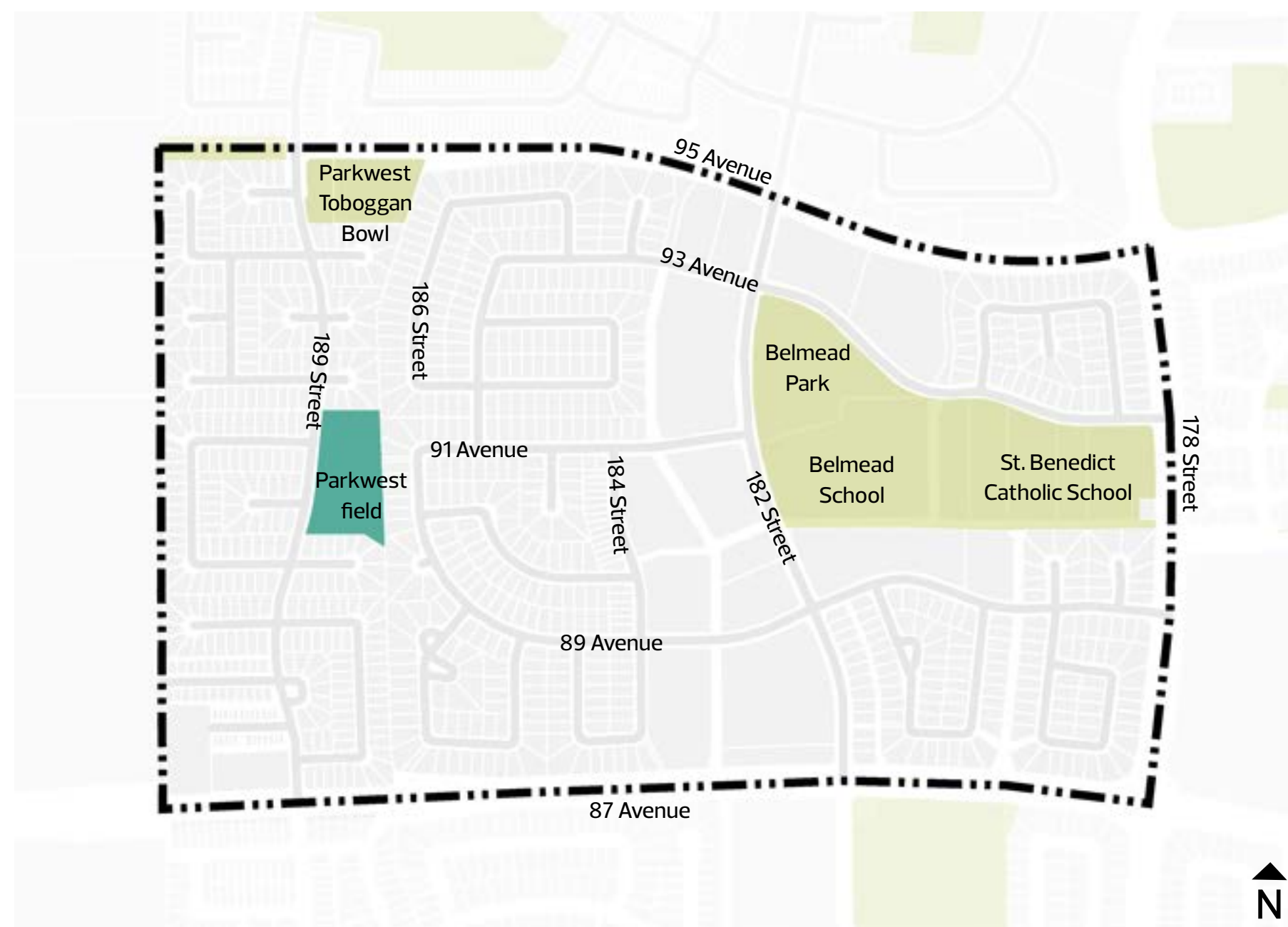
Parks and open space

Parkwest field

Key design influences:

- + Parkwest field is an important open space located between two collector roads. The pathways in the park connect to the larger pedestrian and bike network
- + Improvements to seating area and tree coverage will provide additional recreational opportunities

Key map



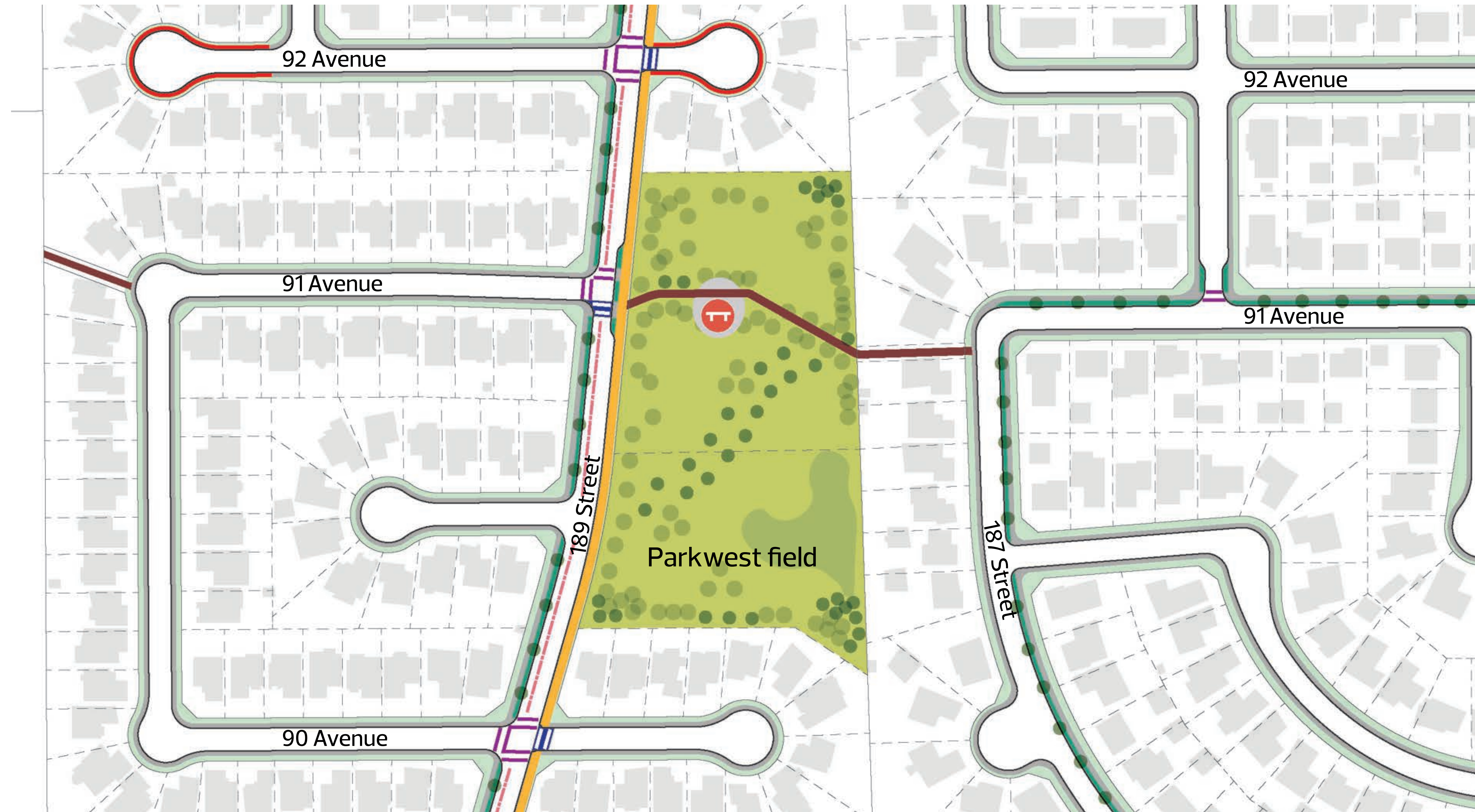
The draft design includes:

- Upgrades to existing pathways and addition of new shared pathways
- New trees
- Seating area, lighting improvements and waste bins

Parkwest field existing condition



Parkwest field



Legend

- | | | | |
|---------------------------|----------------------------|-----------------------|------------------|
| Reconstruct sidewalks | Reconstruct shared pathway | New painted crosswalk | New seating area |
| New sidewalks | New shared pathway | New raised crosswalk | Existing trees |
| Existing grass/boulevards | Parks and open space | No on-street parking | New trees |
| New boulevards | | | |



Parks and open space

Parkwest Toboggan Bowl

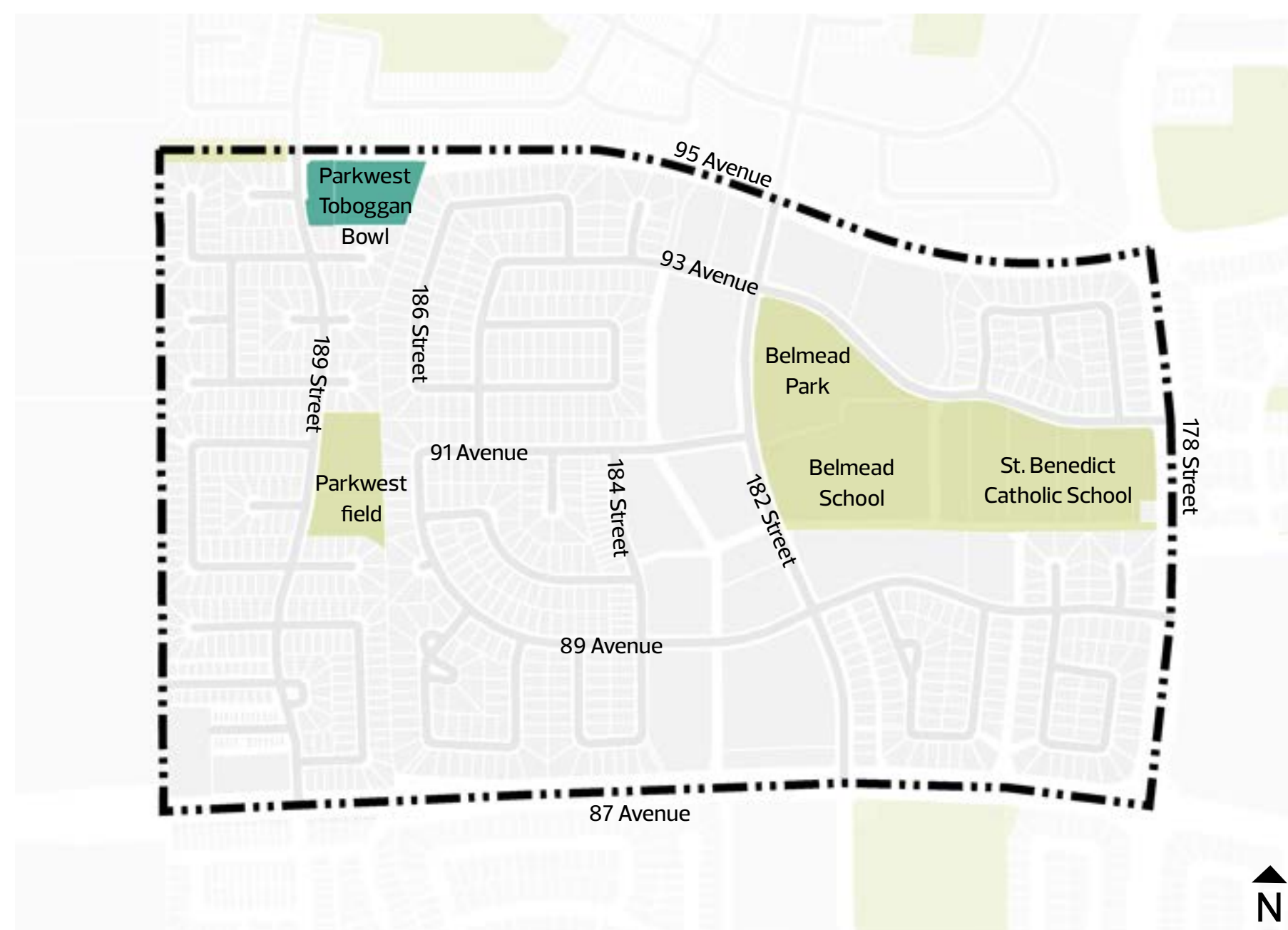
Key design influences:

- + Parkwest Toboggan Bowl is an open space located between two neighbourhoods and serves as a common amenity for residents
- + Improvements to seating area, pathways and tree coverage will encourage better utilization while providing places for rest, play and social connection

The draft design includes:

- Potential improvements to adjacent area such as shared pathway connections to bring people to this park

Key map



Parkwest Toboggan Bowl existing condition



Parkwest Toboggan Bowl



Legend

- | | | | | |
|---------------------------|----------------------------|-------------------------|-----------------------|----------------|
| Reconstruct sidewalks | Reconstruct shared pathway | New painted crosswalk | Parks and open space | Existing trees |
| New sidewalks | New shared pathway | New raised crosswalk | Existing seating area | New trees |
| Existing grass/boulevards | Future district connector | New raised intersection | | |
| New boulevards | No on-street parking | | | |

25m



REFINE



Parks and open space

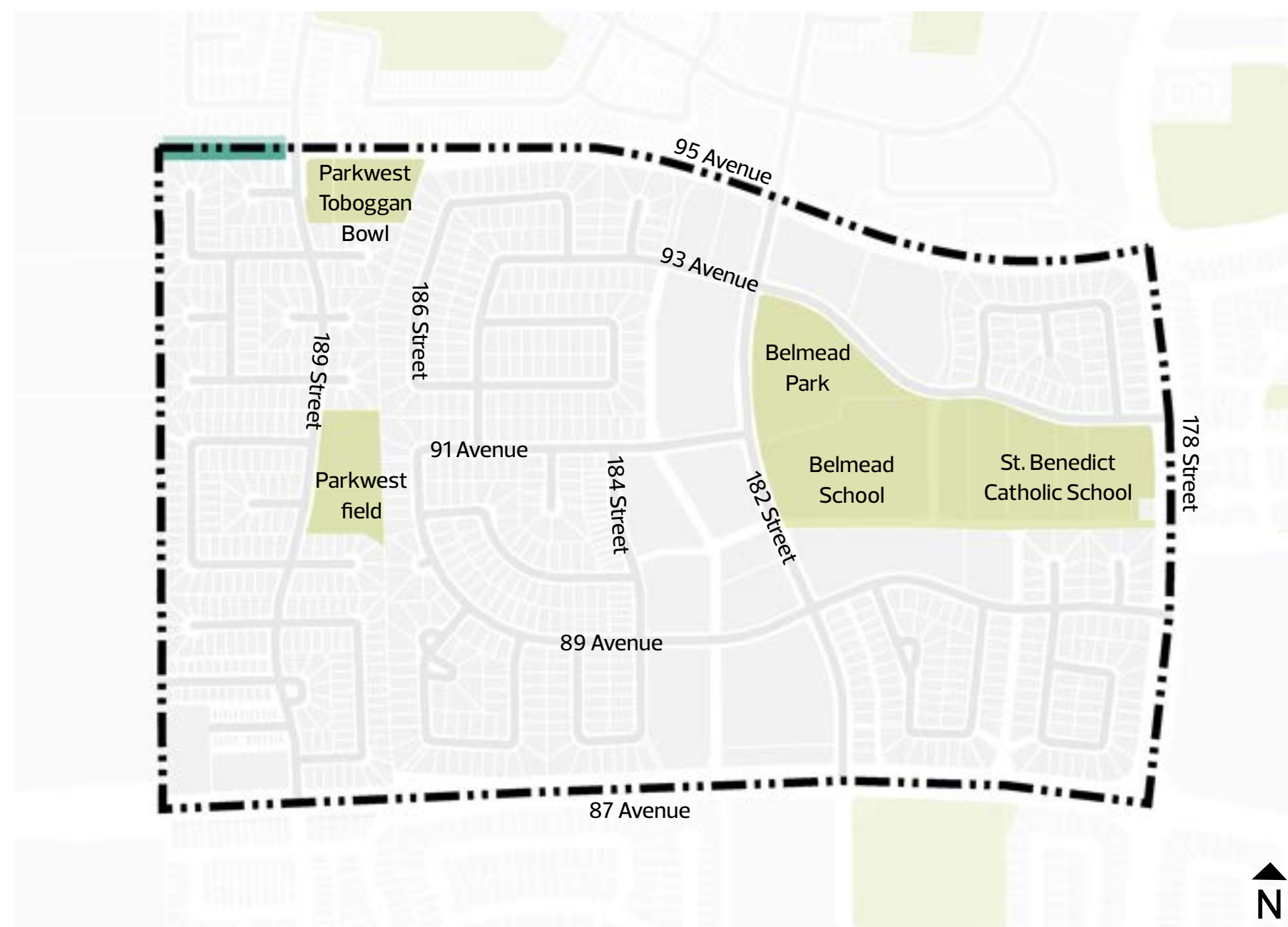
95 Avenue open space

Key design influences:

- + 95 Avenue open space is a shared space between two neighbourhoods
- + Addition of pathways will facilitate pedestrian and biking connectivity to the proposed district connector
- + Addition of seating area will provide places for rest, play and social interaction

** Subject to funding and approval.*

Key map



The draft design includes:

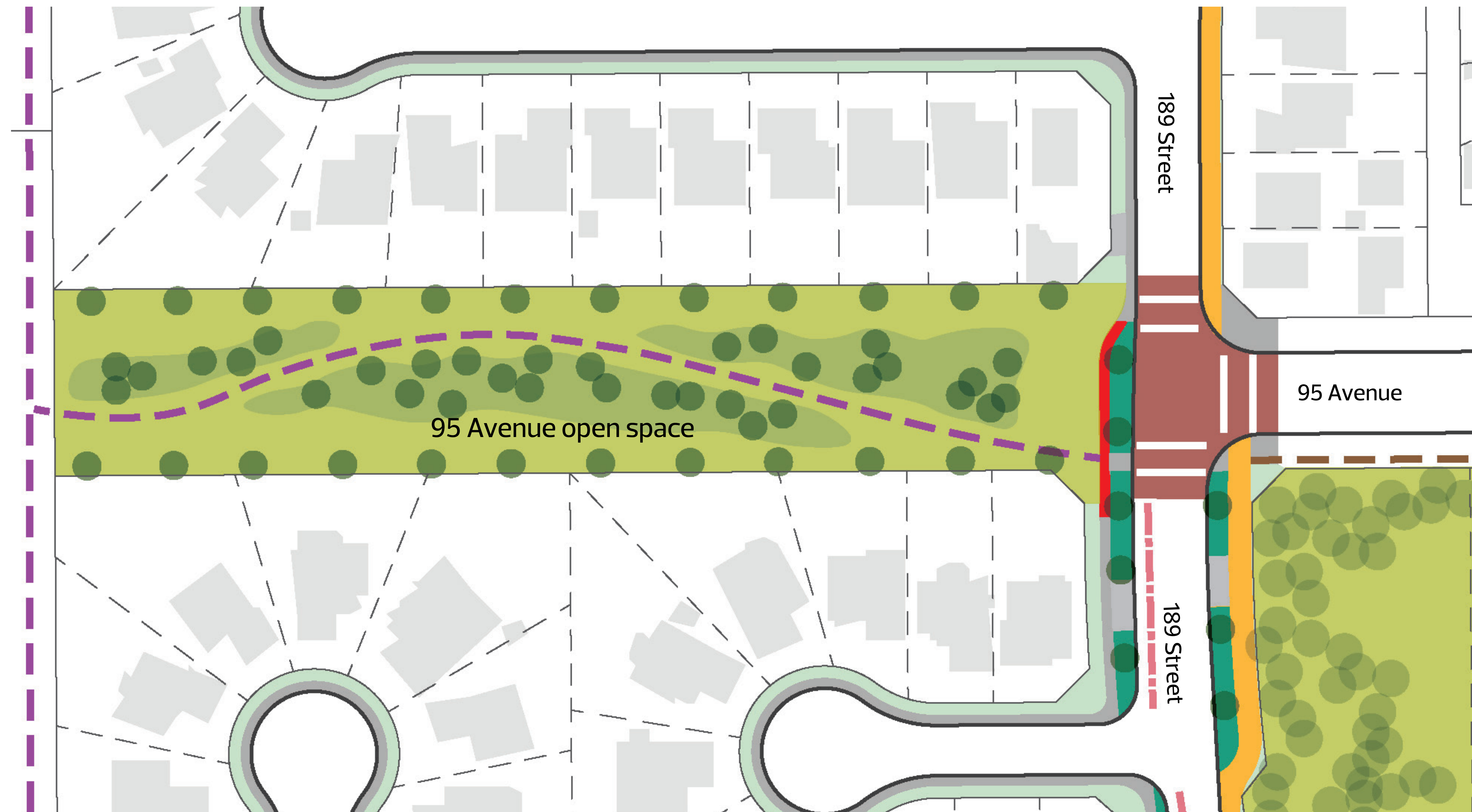
- Addition of missing sidewalk along 189 Street
- Proposed pathway connection through the park to the proposed district connector
- New trees

95 Avenue open space existing condition



REFINE

95 Avenue open space



- Legend**
- Rebuilt sidewalks
 - New sidewalks
 - Existing grass/boulevards
 - New boulevards
 - Future district connector
 - Potential TUC connection
 - New shared pathway
 - No on-street parking
 - New raised intersection
 - Parks and open space
 - Existing trees
 - New trees

** Subject to funding and approval.*



La Perle and Belmead Neighbourhood Renewal

Belmead draft design

Have questions?

Contact the Project Team by calling **311** or emailing
BuildingGreatNeighbourhoods@edmonton.ca

To learn more and sign up for updates, visit
edmonton.ca/BuildingLaPerleandBelmead

REFINE

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