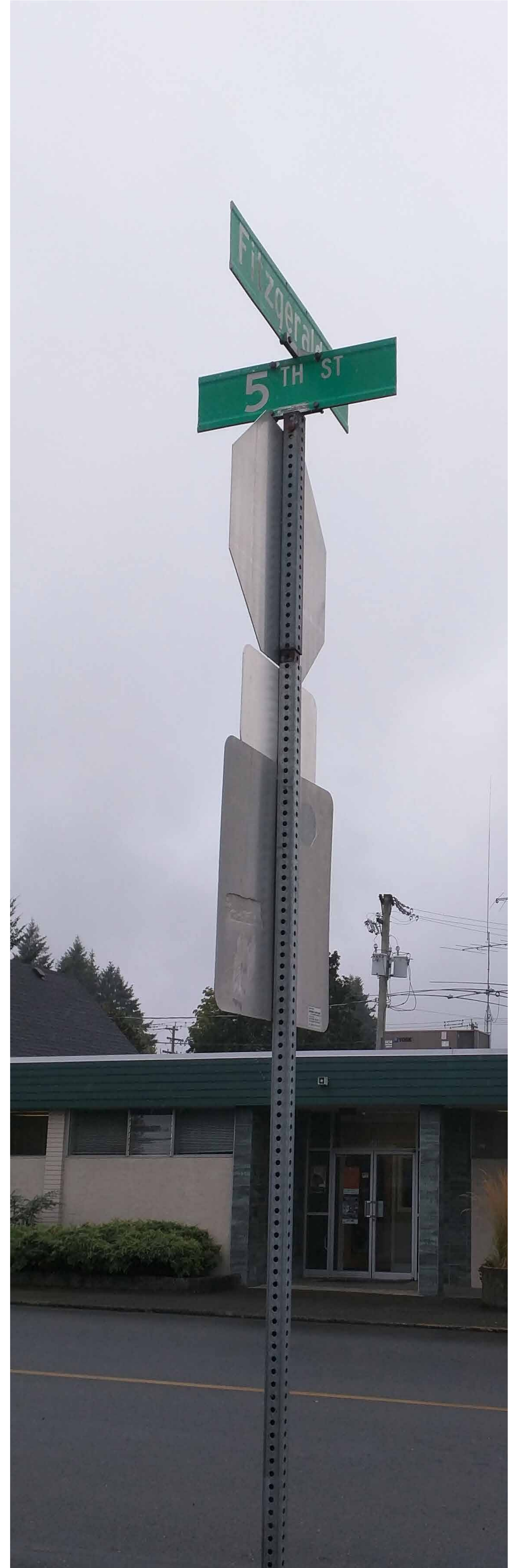


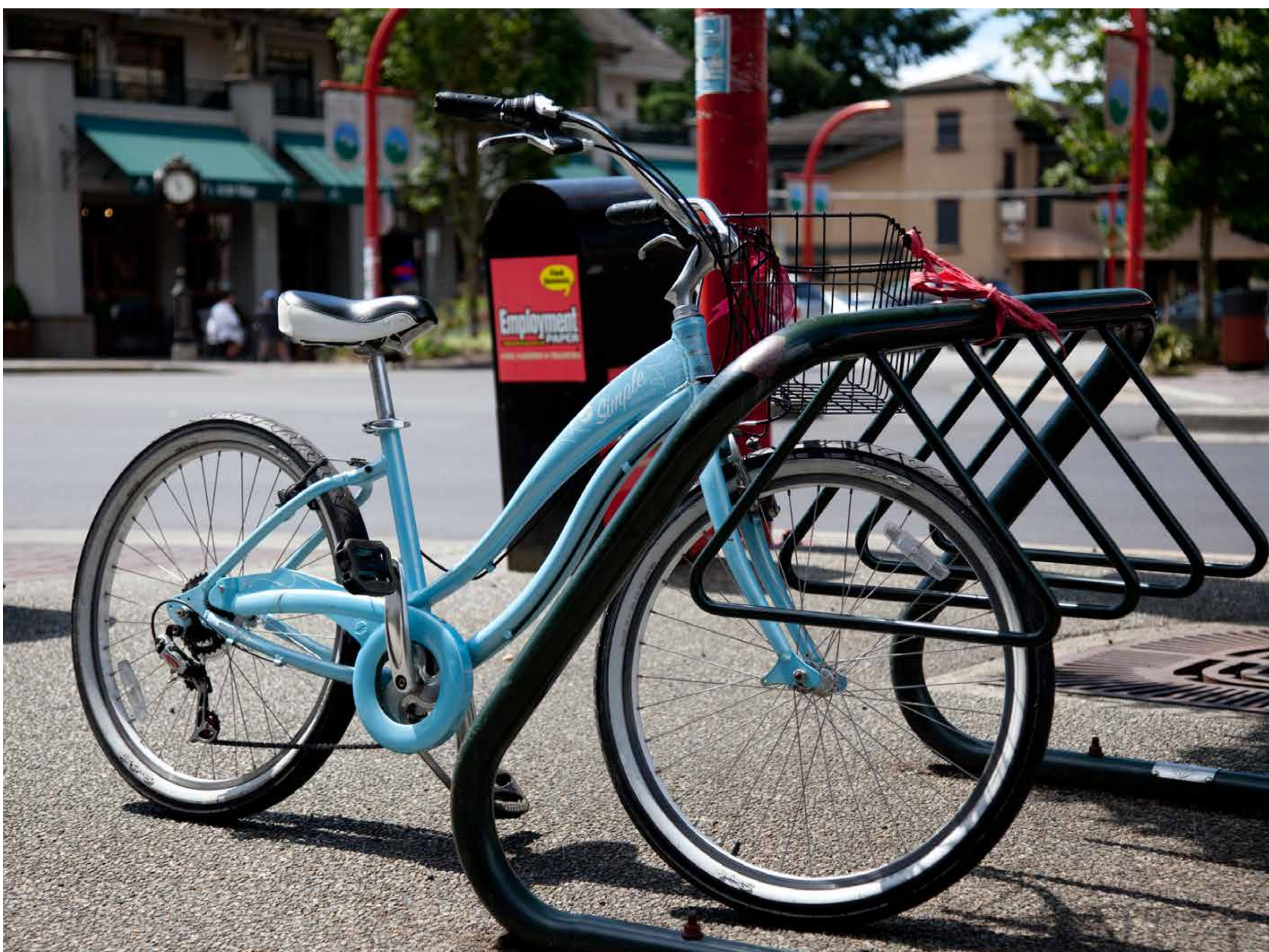
Overview



Significant Upgrades to 5th Street Set to Start this Spring



Informed by extensive public input, including a temporary “pop-up” intersection this past summer, over \$3.2 million in infrastructure upgrades to 5th Street will start this spring.

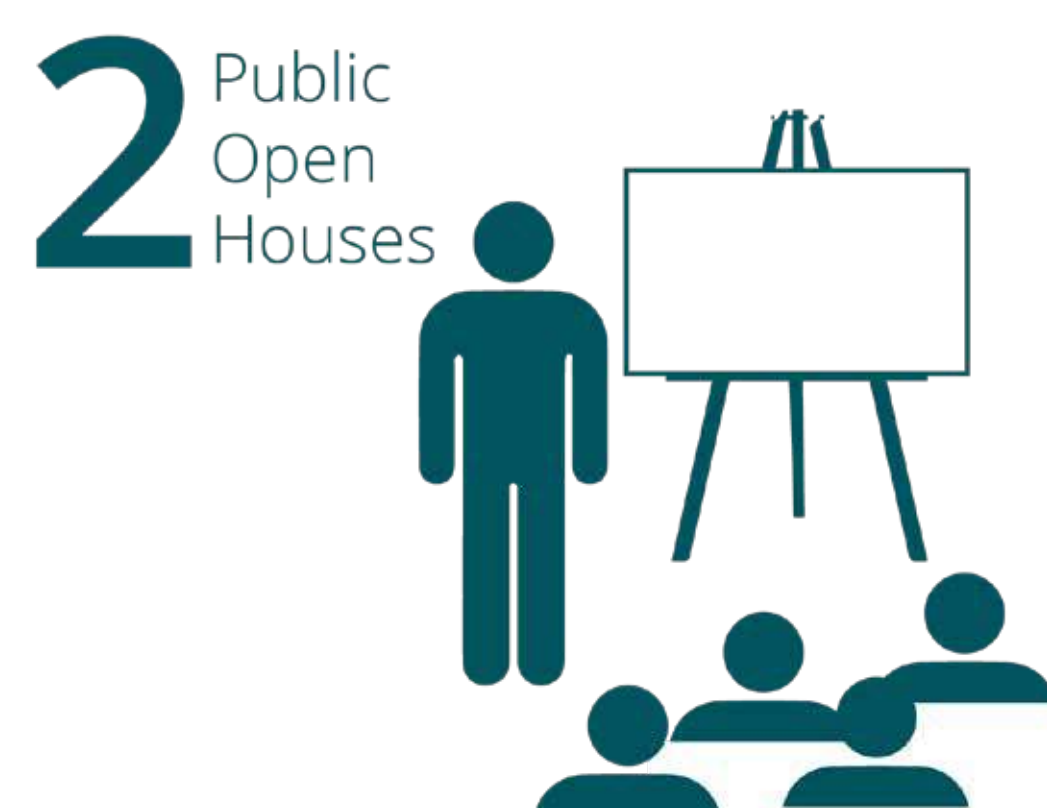


What You Told Us



What the community said is important for the future of 5th Street

Over the past two years hundreds of residents and business owners have been engaged in the planning of the 5th Street Complete Street Project. People were asked to indicate how they would use 5th Street in the future, what it should look like and how it should function, as well as preferred corridor features.



Future Use of 5th Street:

1. Shop
2. Visit
3. Travel
4. Live
5. Work

Common Themes for the Preferred Future “Look and Feel” of 5th Street:

- Greener/Lush
- Attractive
- Welcoming/Inviting
- Pedestrian-friendly
- Safe

Top Themes for the Preferred Future Functions of 5th Street:

- Variety of shops, cafes and restaurants
- Pedestrian-friendly
- Accessible
- Community Hub and gathering space
- Inclusive for all modes and all ages and abilities

Top three ranked priorities for the future of 5th Street:

1. Walking (6.5/7)
2. Cycling (4.9/7)
3. Landscaping (4.5/7)

Preferred Corridor Features

- Enhanced-width sidewalks
- Protected/separated bicycle lanes (separated from vehicle traffic by bollards, landscaping or vehicle parking)
- 2-way vehicle traffic, and, Community Hub and gathering space
- Landscaping on both sides

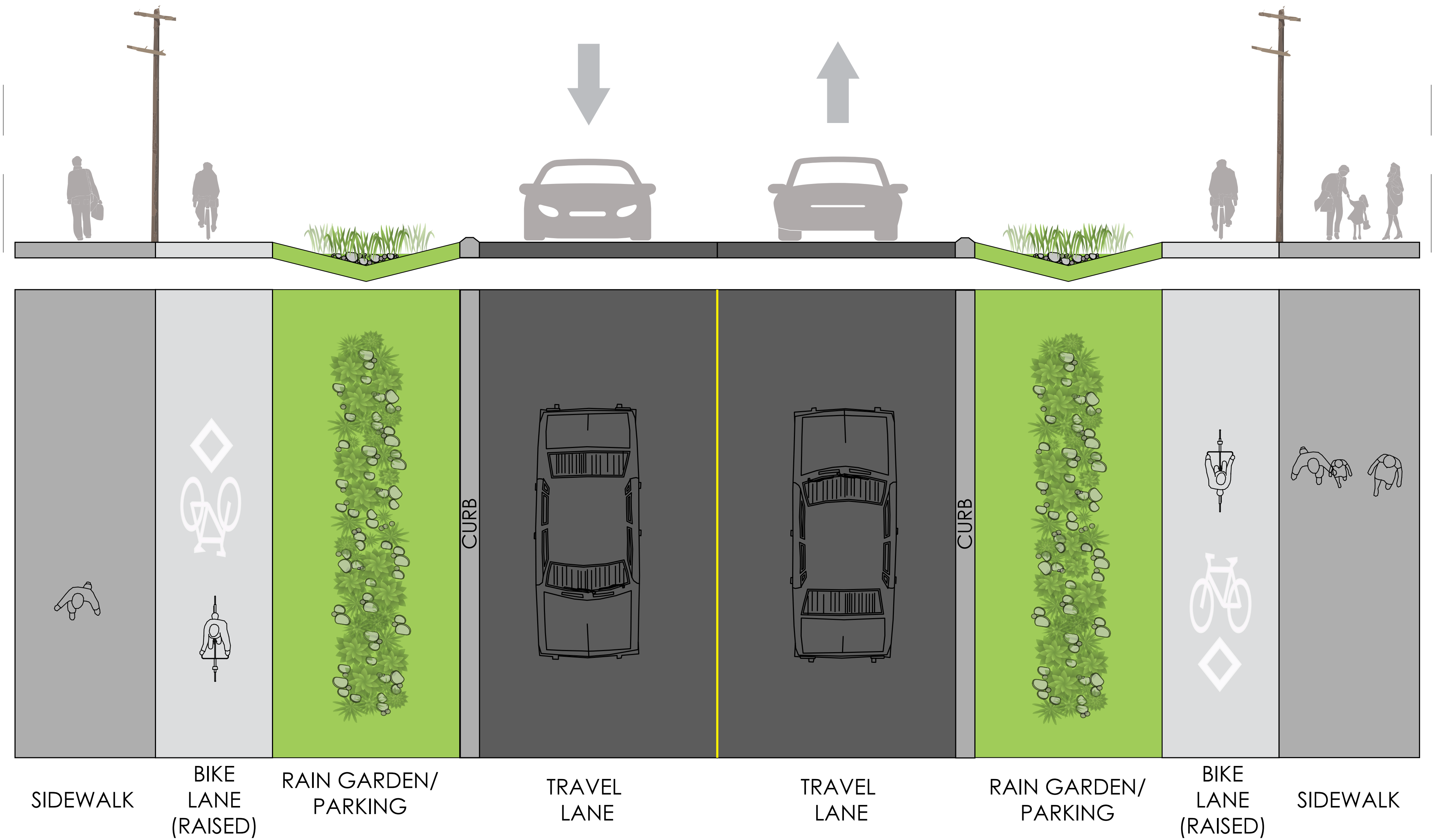


What it Will Look Like

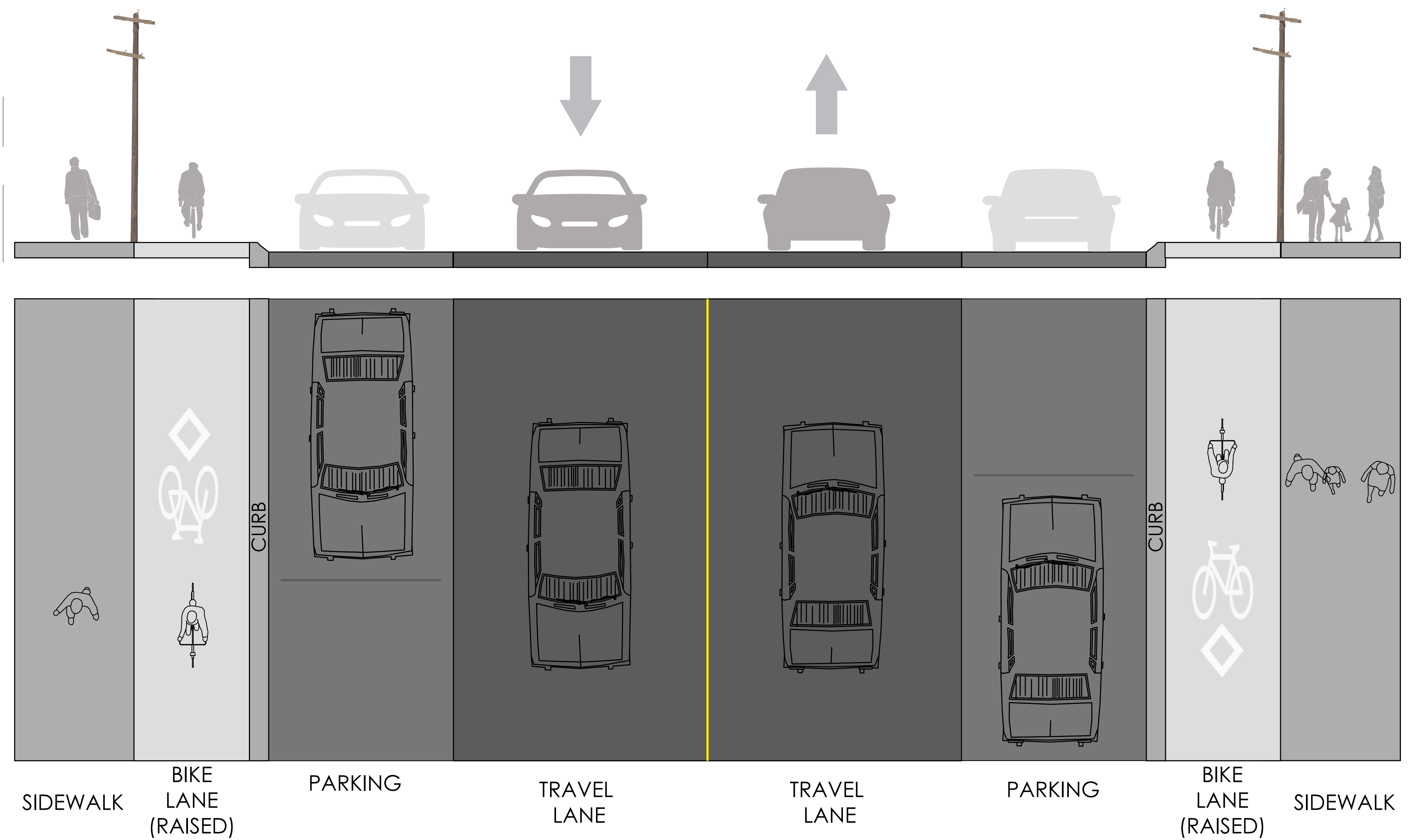


Final Design Concepts

Menzies to Harmston



Harmston to Fitzgerald



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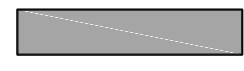





5th Street Complete Streets Pilot Project

What it Will Look Like



DESIGN VEHICLE = MSU
DESIGN SPEED = 50KM/HR

LEGEND

-  PROPOSED BUS ZONE
-  PROPOSED ASPHALT
-  PROPOSED GRASS BOULEVARD
-  PROPOSED SIDEWALK
-  PROPOSED PARKING
-  PROPOSED RAIN GARDEN - SWALE
-  PROPOSED BIKEWAY

ATTENTION
This drawing is prepared for the sole use of City of Courtenay. No representations of any kind are made by Urban Systems Ltd. or its employees to any party with whom Urban Systems Ltd. does not have a contract.

WARNING
Utilities or structures shown on this drawing were compiled from information supplied by various parties and may not be complete or accurate. Expose and conclusively confirm the location in the field all underground utilities and structures indicated on this drawing, all underground utilities in the area of the proposed work and any utilities or structures reasonably apparent from an inspection of the proposed work. Urban Systems Ltd. assumes no responsibility for loss or damage caused by third party negligence or failure to comply with the above.

SURVEY INFORMATION
Prepared by: -
Coordinate System: -
Completion Date: -

Professional Seals

#	Date	Issue / Revision	App

City of Courtenay

URBAN
systems

Scale: #m 0 # #m

Quality Control by: U. Systems
Designed by: U. Systems
Drawn by: U. Systems

5th Street Complete Streets
Overall - With Image

Sheet Number: _____ # of 10
Project Number: 3222.0014.02 Drawing Number: ---- Revision: ----

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NOT FOR CONSTRUCTION

What is a Complete Street?

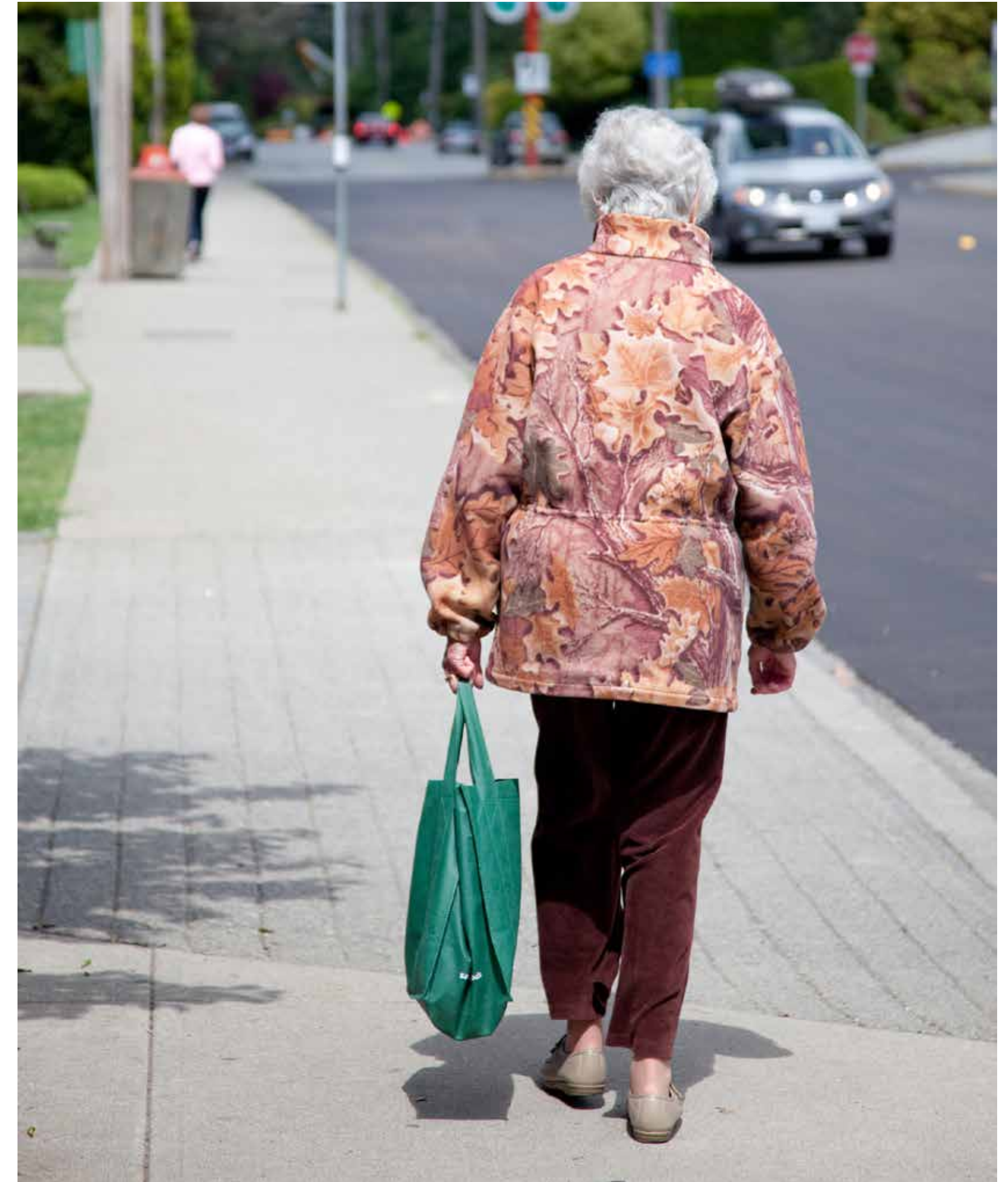


Contributing to strong, livable and vibrant communities

Complete streets are designed for people of all ages, abilities, and modes of travel. This approach considers all street users - people who walk, bike, drive, take the bus, and use mobility aids - in the design of a safe and comfortable street. It also considers the surrounding context and land use.

Each Complete Street is unique and designed based on community priorities and interests.

Complete Streets contribute to strong, livable and vibrant communities.



Picture of bike Lanes in Vancouver, B.C.

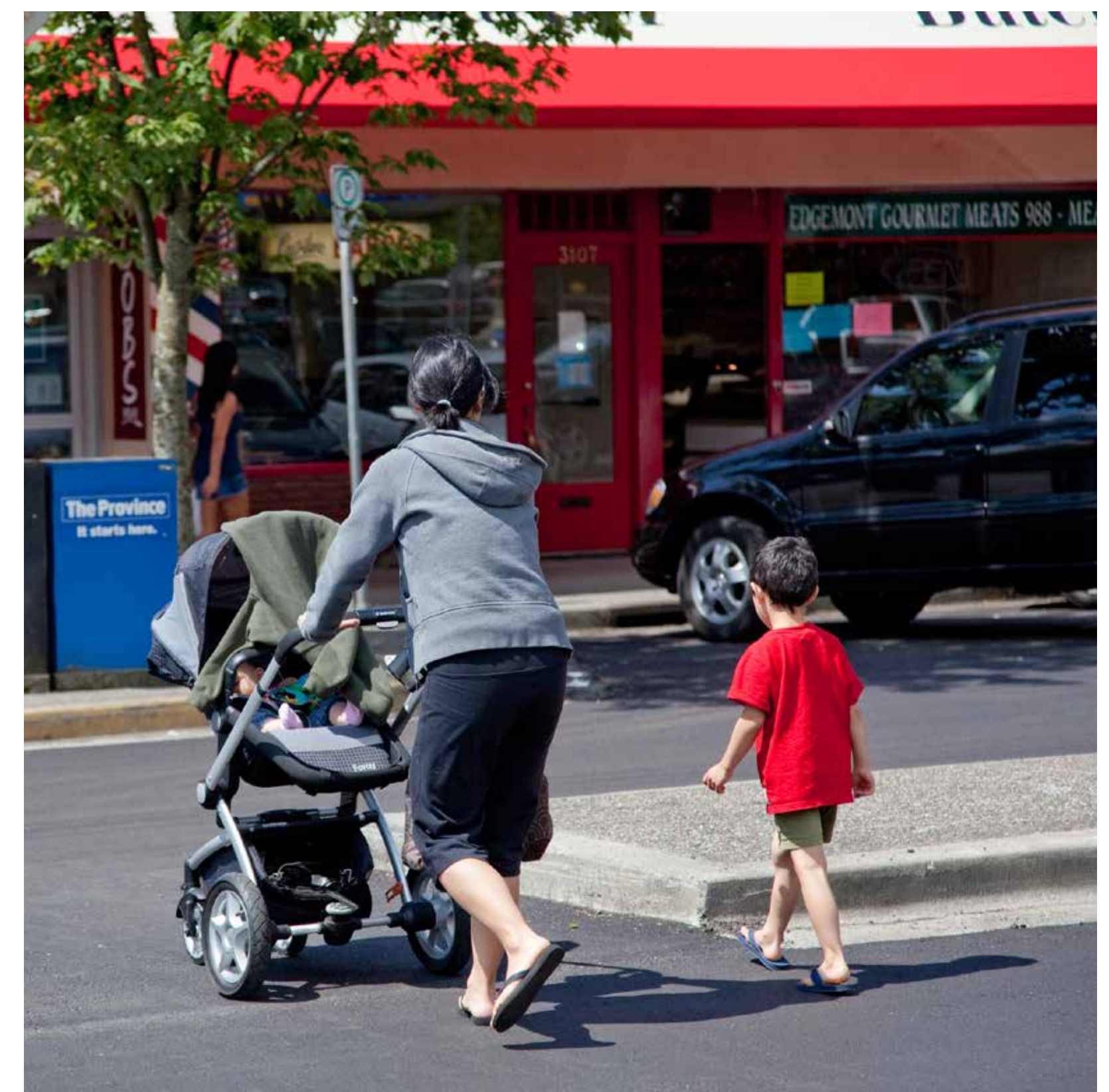


Image Credit: Carl Sundstom, pedbikeimages



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5th Street Complete Streets Pilot Project

Planned Upgrades



5th Street between Fitzgerald and Menzies Avenues

1. Two freshly paved vehicle lanes
2. Bike lanes physically separated from vehicle traffic
3. Improved accessibility for strollers, scooters, and wheelchairs
4. Parking between Fitzgerald and Harmston, and alternating parking and rain gardens throughout the remainder of the corridor
5. Innovative stormwater management to improve drainage
6. New water, sewer, and storm utility mains



The improvements to some sections of 5th Street will be similar to the above image, but with above ground power lines.

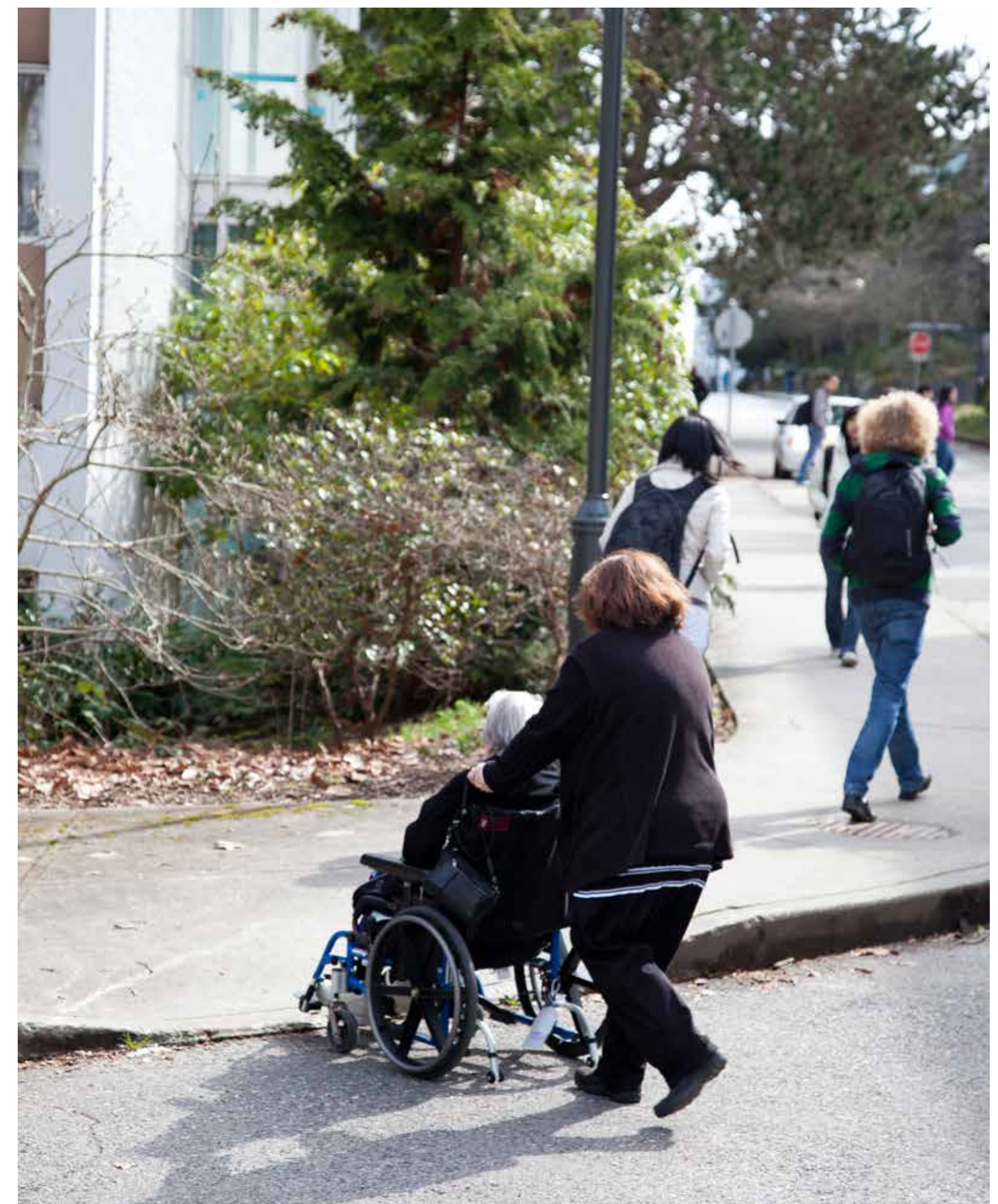
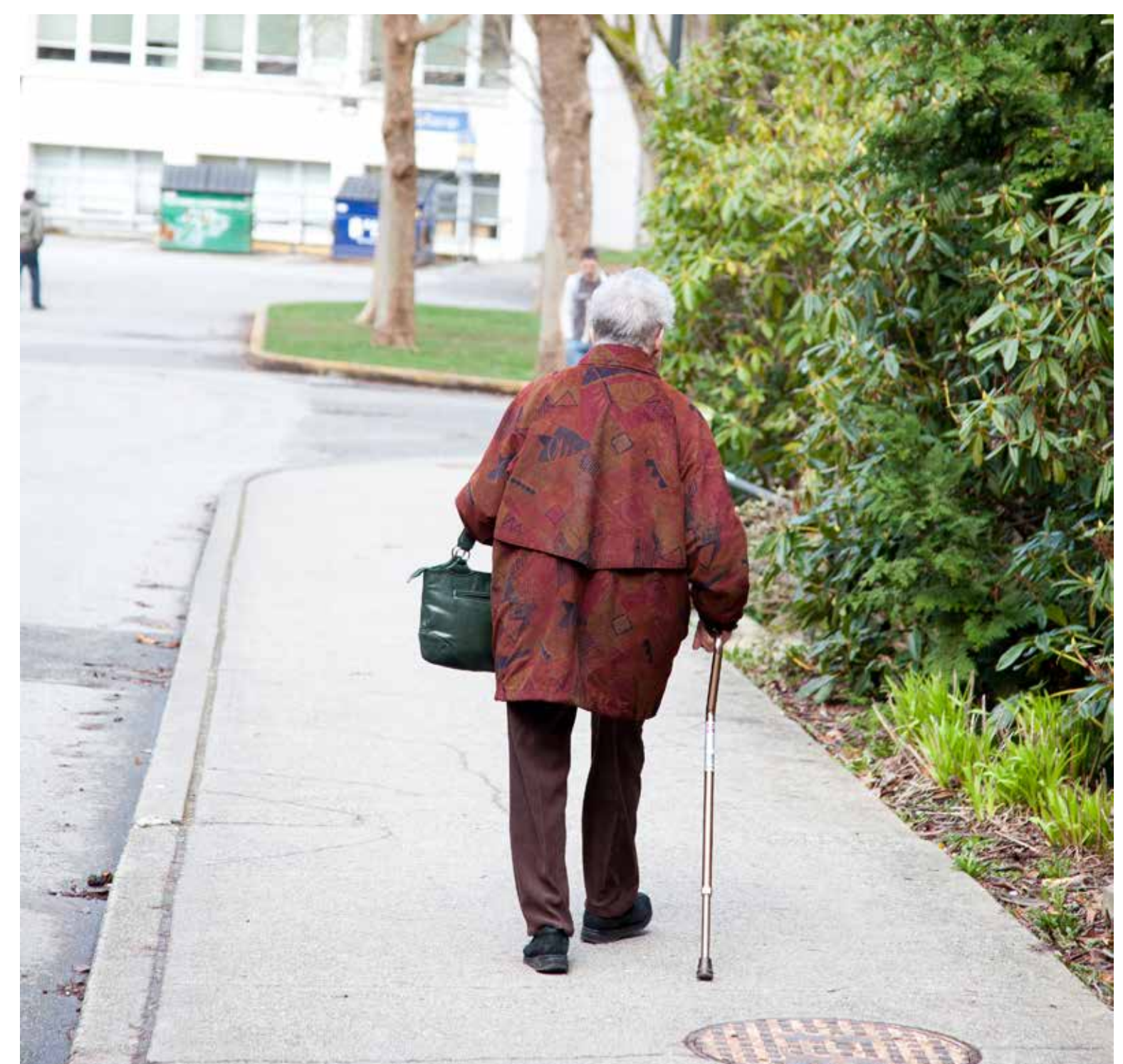


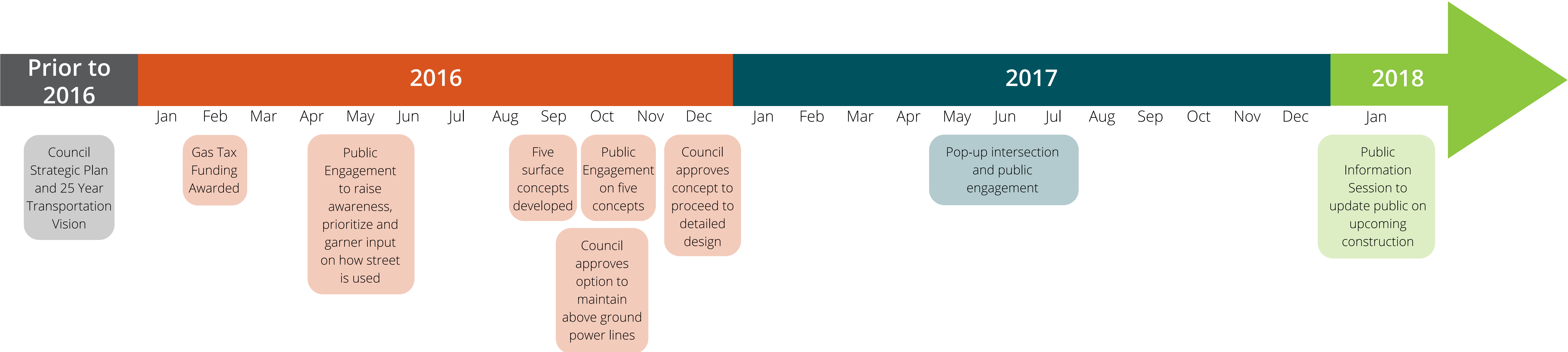
Image Credit: spacing.ca



How Did We Get Here?



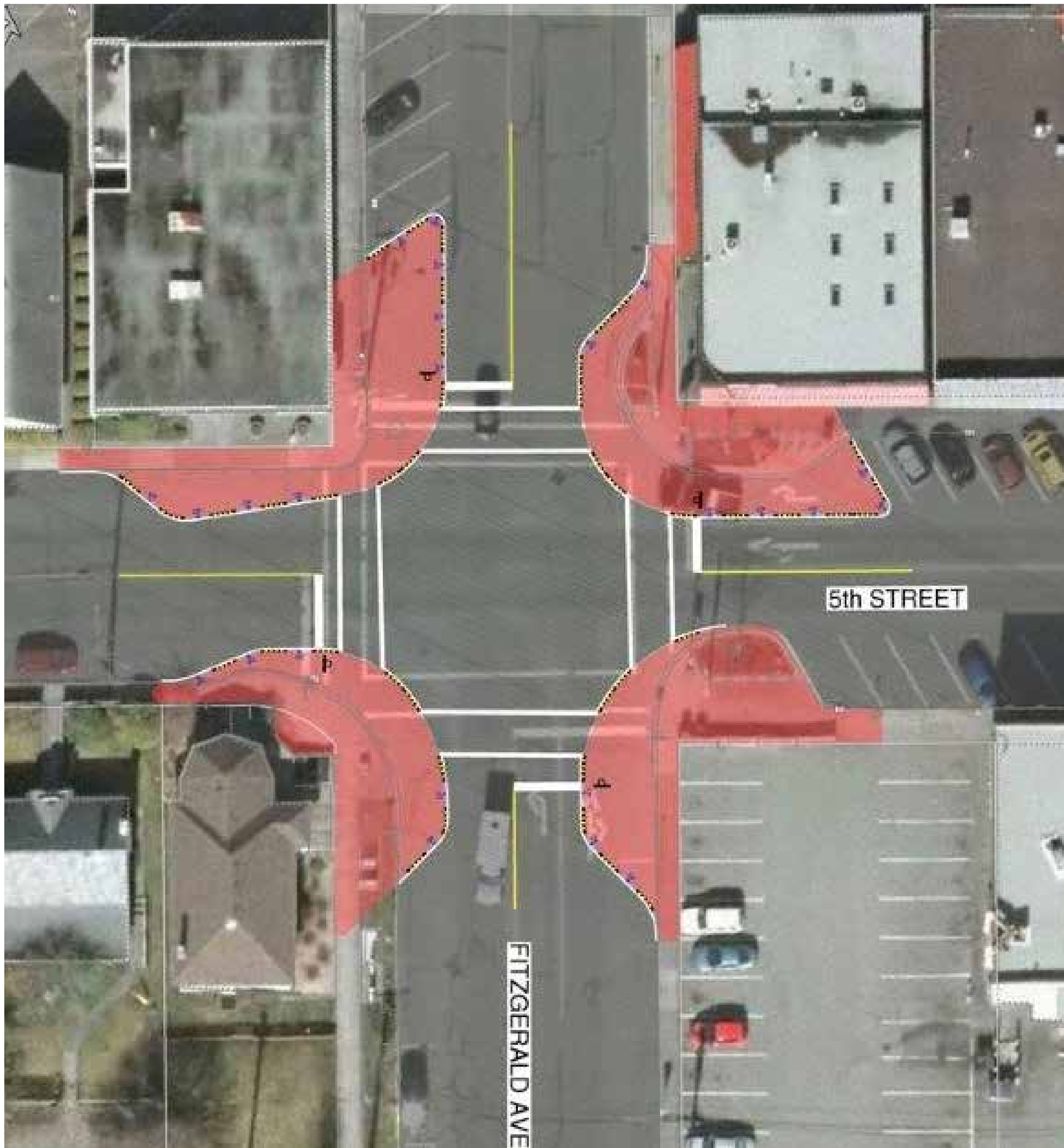
Council decisions and public engagement to date



Pop-Up Intersection



Testing the Design



- A temporary “pop up” intersection was installed from May to October 2017.
- Pylons and barriers were installed to assess the proposed design at minimal cost and ensure there were no unforeseen consequences due to the new intersection alignment.
- The installation reduced the pedestrian crossing distance at the intersection by repurposing the northbound and westbound auxiliary lanes, as well as reducing pavement width along southbound and eastbound approaches.
- Traffic counts were completed in March and July 2016, prior to the “pop-up”, then again in late spring and mid-summer 2017 at 5th Street / Fitzgerald Avenue and neighbouring intersections while the “pop-up” was installed.
- Traffic counts were conducted in the morning (7 a.m. – 9 a.m.), midday (11 a.m. – 1 p.m.) and afternoon (3 p.m. – 6 p.m.)

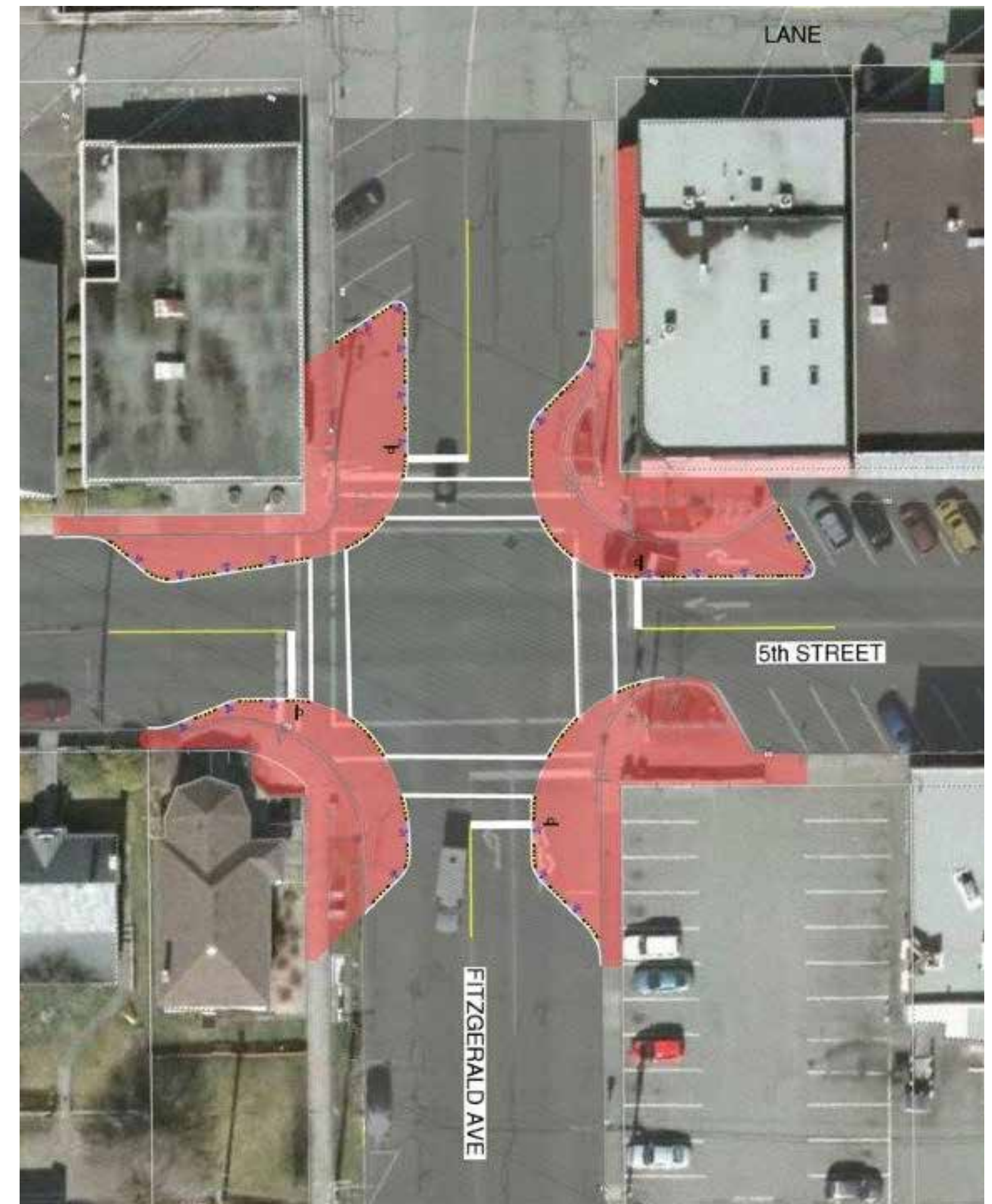


Pop-Up Intersection



What We Learned

- Traffic counts were conducted in March and July 2016 prior to the “pop up “ installation, and in May and July 2017 after the installation.
- Traffic volumes before the installation were very similar to what was recorded while the “pop-up” was installed.
- Traffic volumes were significantly higher in the PM peak than the AM peak.
- The northbound left, westbound through, and eastbound through movements carried the highest traffic volumes in the PM peak.
- The “pop-up” improved crossing conditions for pedestrians by reducing crossing distance.
- In the PM peak hour, over 60 and 75 pedestrians were observed crossing 5th Street or Fitzgerald Avenue at the study intersection in May and July, respectively.
- The “pop-up” configuration reduced vehicles wait times in the peak times.
- Although the pedestrian crossing distance was shortened at the intersection a third-party traffic study found that the installation did not adversely affect vehicle performance, and vehicle wait times were reduced at the intersection during peak times.



What's Next?



Construction Timeline



What to Expect During Construction:

A detailed construction schedule will be developed when a contractor has been awarded the construction contract. Every effort will be made to minimize construction impacts to the community.

Access to local businesses will be maintained

Work is expected to occur Monday to Friday, during the day.

Construction impacts may include:

- Short, scheduled water and sewer disruptions
- Intermittent noise or vibration during construction. All work will comply with the City of Courtenay Noise bylaw
- Road and sidewalk access will be affected. In order to complete the work safely, construction will require lane and road detours or closures.
- Access for emergency vehicles will be maintained at all times.
- If temporary driveway access is required, the contractor will provide ample notice and work with business and property owners to minimize impacts.
- An alternate Canada Day parade route is in place for 2018



Strategic Priorities

City of Courtenay Strategic Priorities 2016 – 2018

We actively pursue vibrant economic growth

- Revitalizing our downtown is critical to our economic future
- Continue to improve our relationship with business in our community
- ▲ Our investment in economic development is measurable
- ▲ Continue to explore innovative economic options
- The regional airport is a key economic driver

We proactively plan and invest in our natural and built environment

- Continued focus on asset management for sustainable service delivery
- Focus on infrastructure renewal rather than upgrades
- Continued support for social, economic and environmental sustainability solutions
- ▲ We look for regional infrastructure solutions for shared services to our community

We value multi-modal transportation in our community

- We support developing multi-modal transportation network plans
- As we build new or replace existing transportation infrastructure, we are consistent with what we learn from our Complete Streets Pilot Project
- ▲ Support our regional transit service while balancing service improvements with costs

We support diversity in housing and reasoned land use planning

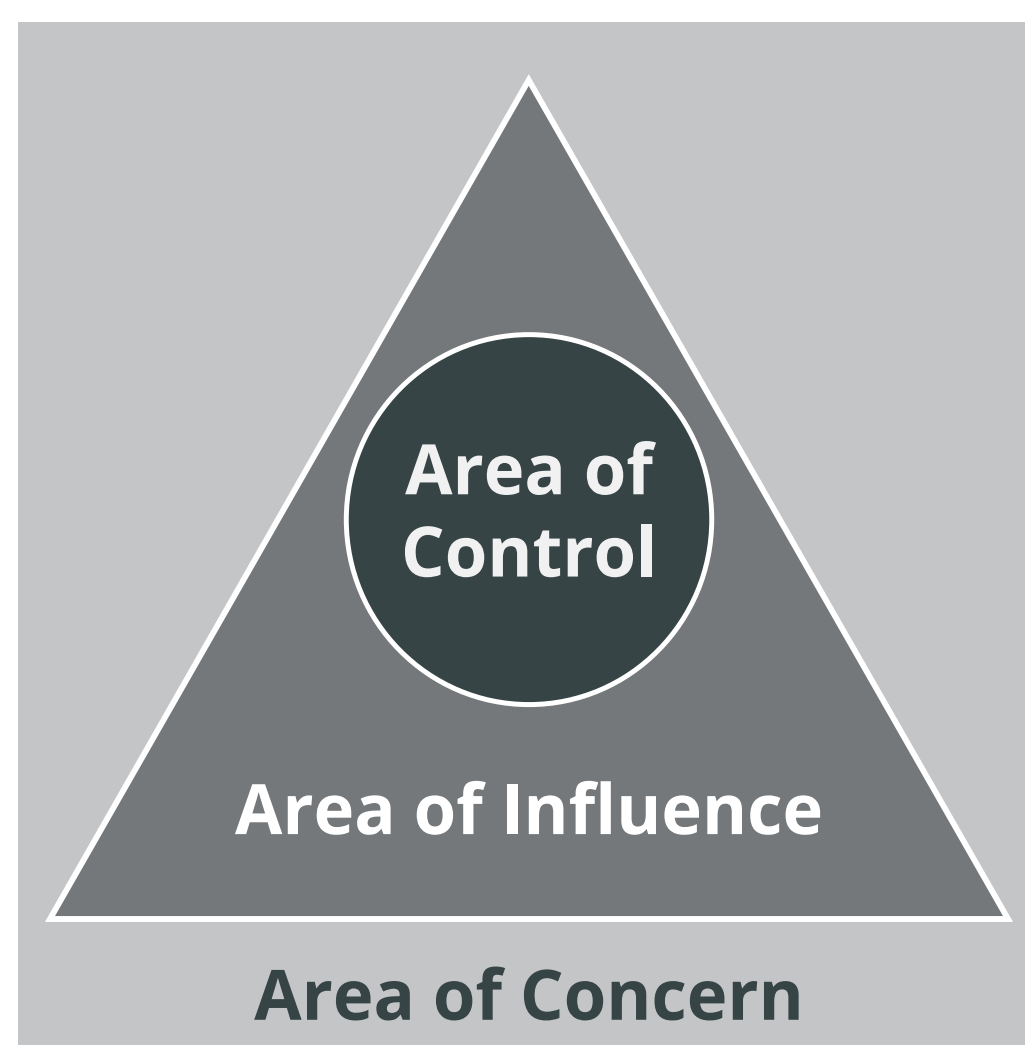
- Support densification aligned with community input and regional growth strategy
- Assess how city-owned lands can support our strategic land acquisitions and disposals
- ▲ Support initiatives and incentives to encourage lower cost housing
- Proactively pursue housing diversity and advocate for senior government support

We focus on organizational and governance excellence

- We support and encourage initiatives to improve efficiencies
- We support meeting the fundamental corporate and statutory obligations
- We recognize staff capacity is a finite resource
- Communication with our community is a priority, and is considered in all decisions we make
- We responsibly provide services at a level which the people we serve are willing to pay

We invest in our key relationships

- We value and recognize the importance of our volunteers
- We will continue to engage and partner with service organizations for community benefit
- ▲ We actively engage with our K'ómoks First Nation neighbours on issues of mutual interest and concern
- ▲ We advocate and cooperate with other local governments and senior governments on regional issues affecting our city



● Area of Control

The policy, works and programming matters that fall within Council's jurisdictional authority to act.

▲ Area of Influence

Matters that fall within shared or agreed jurisdiction between Council and another government or party.

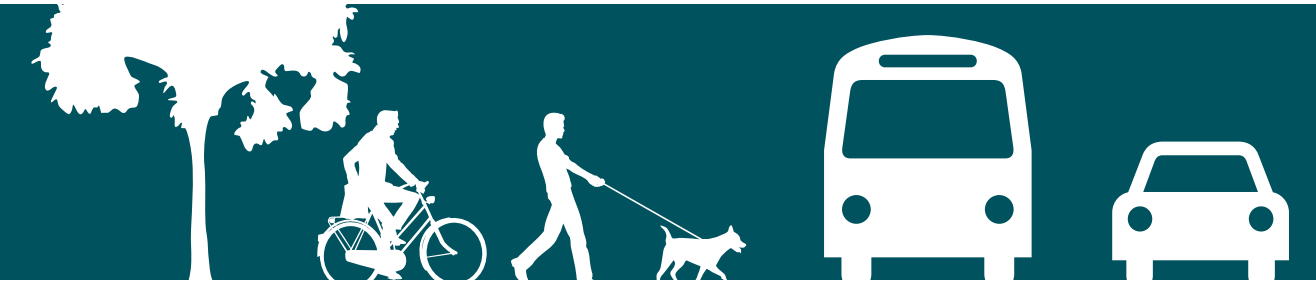
■ Area of Concern

Matters of interest outside Council's jurisdictional authority to act.

The project supports the Regional Growth Strategy and the City of Courtenay's Official Community Plan. It also supports a vision of a transportation network that prioritizes connectivity and access to daily destinations and provides all road users safe choices in their mode of transportation.



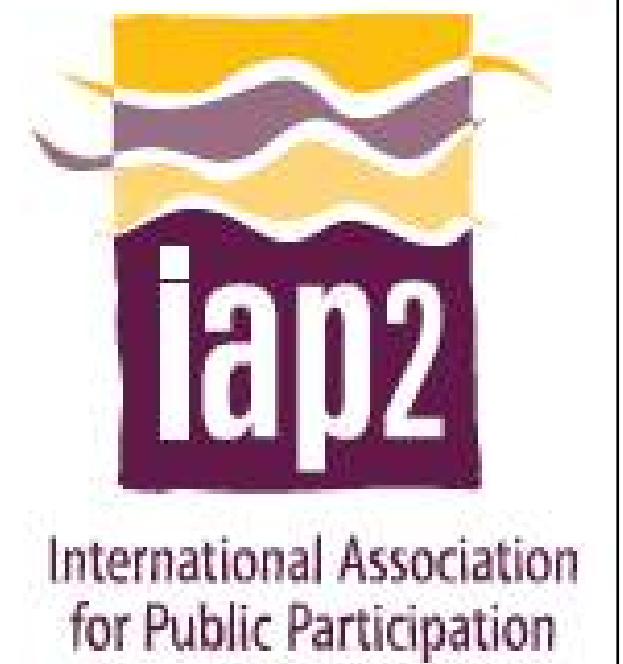
Keeping You Involved



2018 Public Engagement Objectives for Construction

1. Engage neighbours and stakeholders early in process to identify opportunities and concerns that can be supported or mitigated throughout construction.
2. Foster two-way relationships that support open information sharing between the project and the community.
3. Provide quality and timely information about the project throughout construction and respond to public concerns through the process.
4. Create opportunities for the project to educate and engage with individuals and groups that are interested in or affected by the project, and those who may not have been involved in past.

IAP2 Spectrum of Public Participation



Increasing Level of Public Impact →

Public participation goal

	Inform	Consult	Involve	Collaborate	Empower
	To provide the public with balanced and objective information to assist them in understanding the problem, alternatives, opportunities and/or solutions.	To obtain public feedback on analysis, alternatives and/or decisions.	To work directly with the public throughout the process to ensure that public concerns and aspirations are consistently understood and considered.	To partner with the public in each aspect of the decision including the development of alternatives and the identification of the preferred solution.	To place final decision-making in the hands of the public.



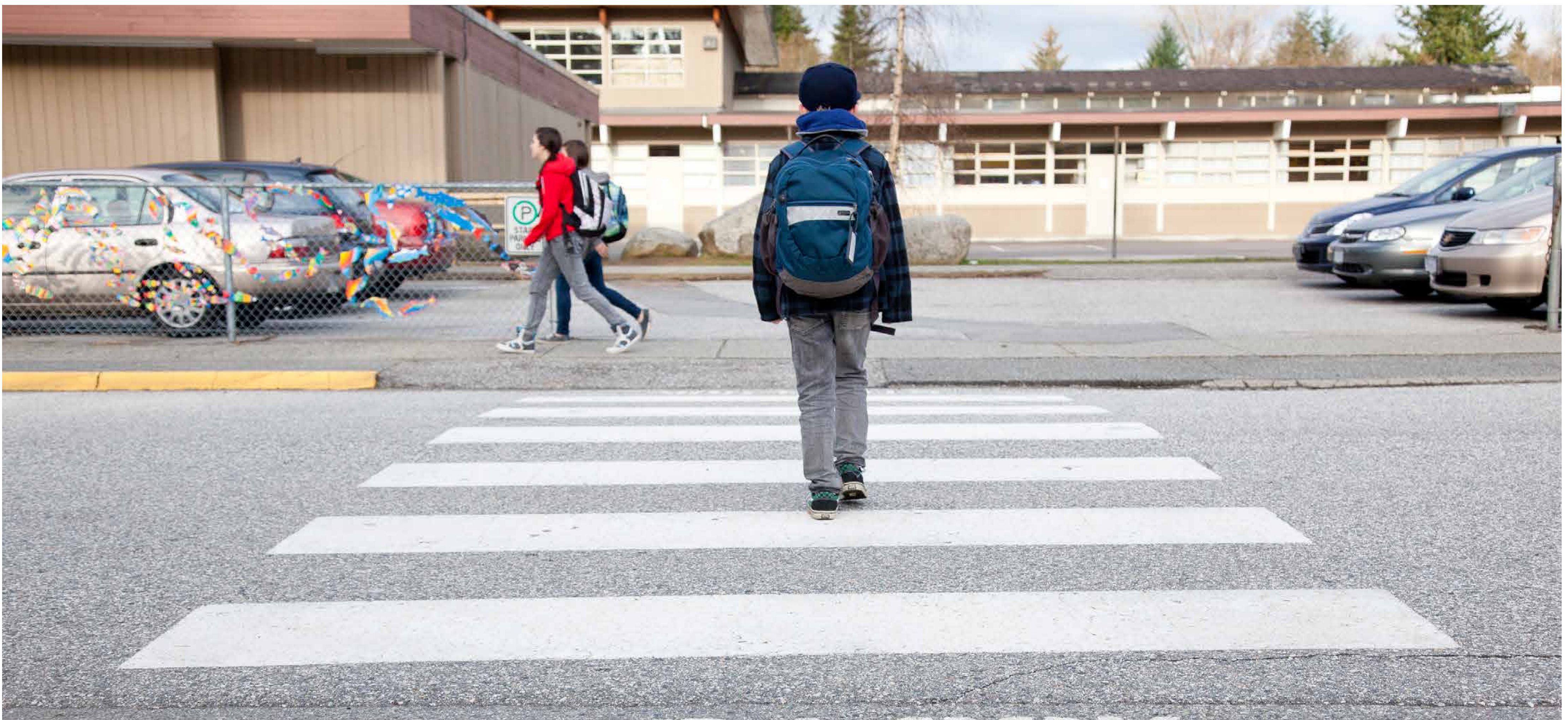
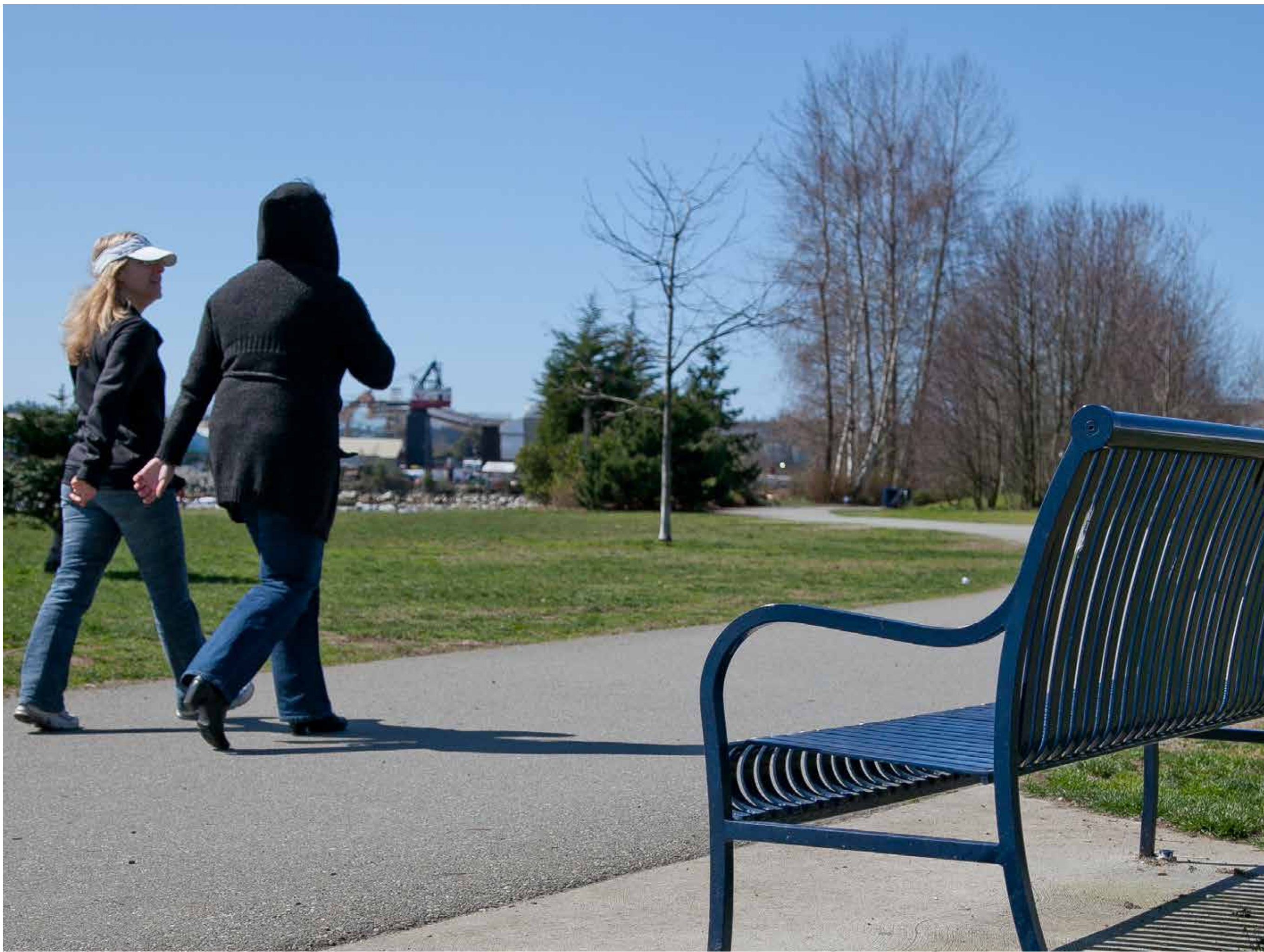
Funding



The project will be 100% grant funded

The \$3.253 million project budget is 100% funded by the federal Gas Tax Fund, under the Strategic Priorities - Local Roads, Bridges, and Active Transportation category.

The construction contract will be advertised and awarded this spring.



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5th Street Complete Streets Pilot Project

Share Your Thoughts!



Write your comments, concerns and questions on sticky notes and attach them to this board.



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