

GOLDEN TRANSPORTATION PLAN

VIRTUAL OPEN HOUSE | January 2022

URBAN
SYSTEMS



A scenic view of a river in Golden, British Columbia. The foreground shows a paved walkway with a decorative pattern, a black lamppost, and a stone retaining wall. The river flows through the center, with a bridge visible in the distance. The background features lush green trees and snow-capped mountains under a blue sky with white clouds.

WELCOME AND INTRODUCTIONS

TODAY'S AGENDA

1. Purpose of today
2. Overview of process to date
3. Draft vision and goals
4. Draft Plan
5. Closing & next steps



1.0 PURPOSE OF TODAY

WHAT IS A TRANSPORTATION PLAN?

- Improve the Town's existing transportation network (vehicle, pedestrian, bicycles and transit) and set the Town up for success as it grows.
- Align with other Town and regional plans, policies, and initiatives.
- Guide investments over the next 20 years.



1.0 PURPOSE OF TODAY

PROCESS

- Share what we've done so far
 - Results of first round of engagement
 - GTP Vision and goals
 - Draft Roadway and Active Transportation Network Plan
- Introduce 2nd survey
- Explain next steps - Use input to revise and finalize the draft Plan

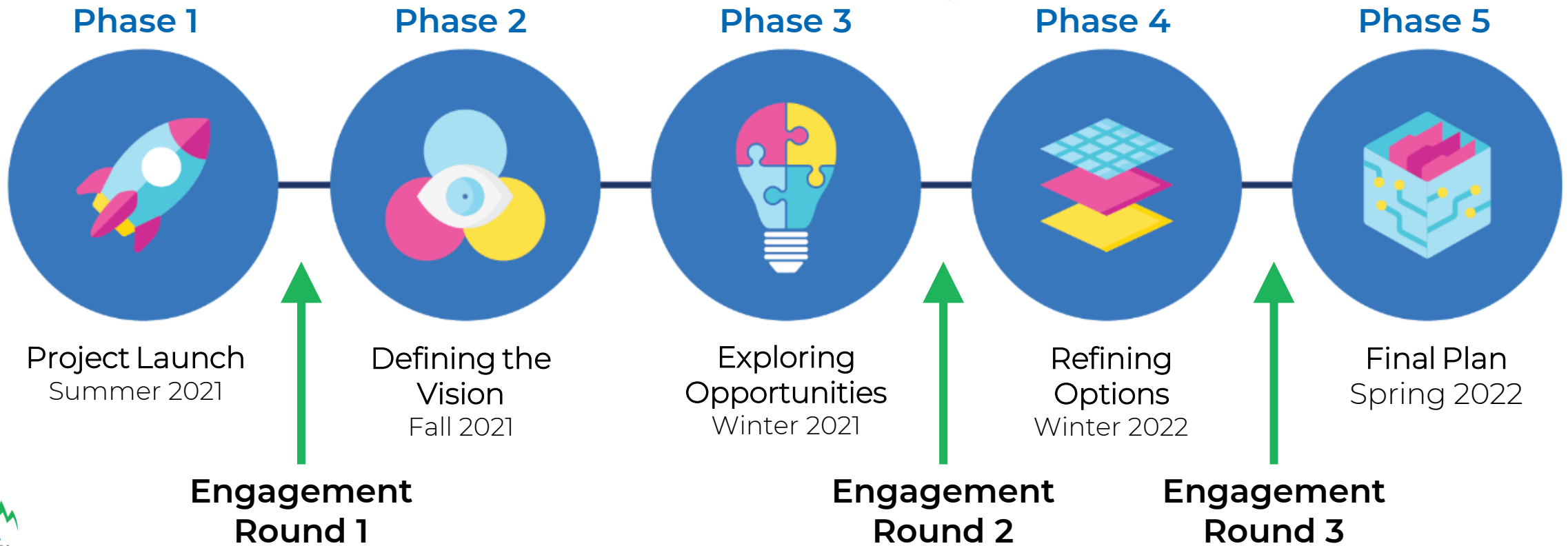


2.0 OVERVIEW OF PROCESS TO DATE

PLAN PROCESS

- Plan to be developed over five phases in 2021-2022

We're here



COMMUNITY ENGAGEMENT

PROCESS

ROUND 1

- Identify **issues & Opportunities**, understand **priorities**
 - Survey
 - Interactive Map

ROUND 2

WE ARE
HERE

- **Present the findings** of the draft Plan and seek input
- Gather input through **survey** (Jan 26 – Feb 11) and **open discussion** (Feb 7, 5pm)
- The results will be used to **finalize** the long-term Plan and to develop the implementation and phasing strategy

ROUND 3

- **Present Draft Plan** and gather any remaining feedback

PLAN PROCESS

PHASE 1: PROJECT LAUNCH

DATA COLLECTION AND BACKGROUND INFORMATION REVIEW

- Traffic counts
- Inventory of traffic signals, flashing beacons, sidewalks and trails
- Review of:
 - Official Community Plan
 - Bylaws
 - Housing Needs Assessment
 - Age Friendly Community Plan
 - Affordable Housing Strategy



PLAN PROCESS

ROUND 1 ENGAGEMENT: UNDERSTANDING CONCERNS

WHAT WE HEARD - SURVEY

- Survey available from September 13 to September 26, 2021
- 29 questions
- 296 responses to survey
- What We Heard Report is available online (www.golden.ca/transportationplan)



Town of Golden Transportation Plan

[Project Overview](#) [Have Your Say](#) [Community Survey](#) [Interactive Map](#)

Project Overview

The Town of Golden is developing a Transportation Plan to shape the future of transportation in Golden and respond to new transportation needs and trends.

Transportation is a big part of our daily lives, it affects how we move throughout town, how our community looks and feels, and how we interact with one another. Over the next 6 months, the Town will work to identify various strategies and projects to improve the transportation network for all users. The final Transportation Plan will recommend short, medium and long-term improvements that will help residents of Golden move through the community in a more safe and efficient way whether by car, on foot or on wheels.

Have Your Say

The Town is collecting input from residents to understand the community's values and experiences to help build a vision for the future of transportation in Golden that is inclusive, sustainable, and forward-thinking. We invite you to use your voice to help us create a plan that reflects how we move today and how we want to move in the future. The engagement process involves an [online survey](#) and [interactive map](#) and will take place until September 26.

PLAN PROCESS

ROUND 1 ENGAGEMENT: UNDERSTANDING CONCERNS

WHAT WE HEARD - SURVEY

DID YOU FILL OUT THE SURVEY?

PLAN PROCESS

ROUND 1 ENGAGEMENT: UNDERSTANDING CONCERNS

WHAT WE HEARD - SURVEY

- Poor condition and **lack of sidewalks**, and feeling unsafe
- **Bicycling feels unsafe** with a lack of infrastructure and bicycle parking
- Lack of **snow removal** on sidewalks and pathways
- **More infrastructure**: multi-use paths, trails, sidewalks and bicycle lanes
- Difficult to find (vehicle) **parking**
- Concerns over **resort/visitor traffic**
- Desire for **On-demand transit**/shuttle to Kicking Horse Mountain



PLAN PROCESS

ROUND 1 ENGAGEMENT: UNDERSTANDING CONCERNS

WHAT WE HEARD - SURVEY

- **Top outcome of the GTP:** improving road safety for all road users and reduce environmental impacts
- **Priorities of the GTP:** accessibility and walking



PLAN PROCESS

ROUND 1 ENGAGEMENT: UNDERSTANDING CONCERNS

WHAT WE HEARD - SURVEY

**DO YOU AGREE WITH THE FINDINGS OF
THE SURVEY?**

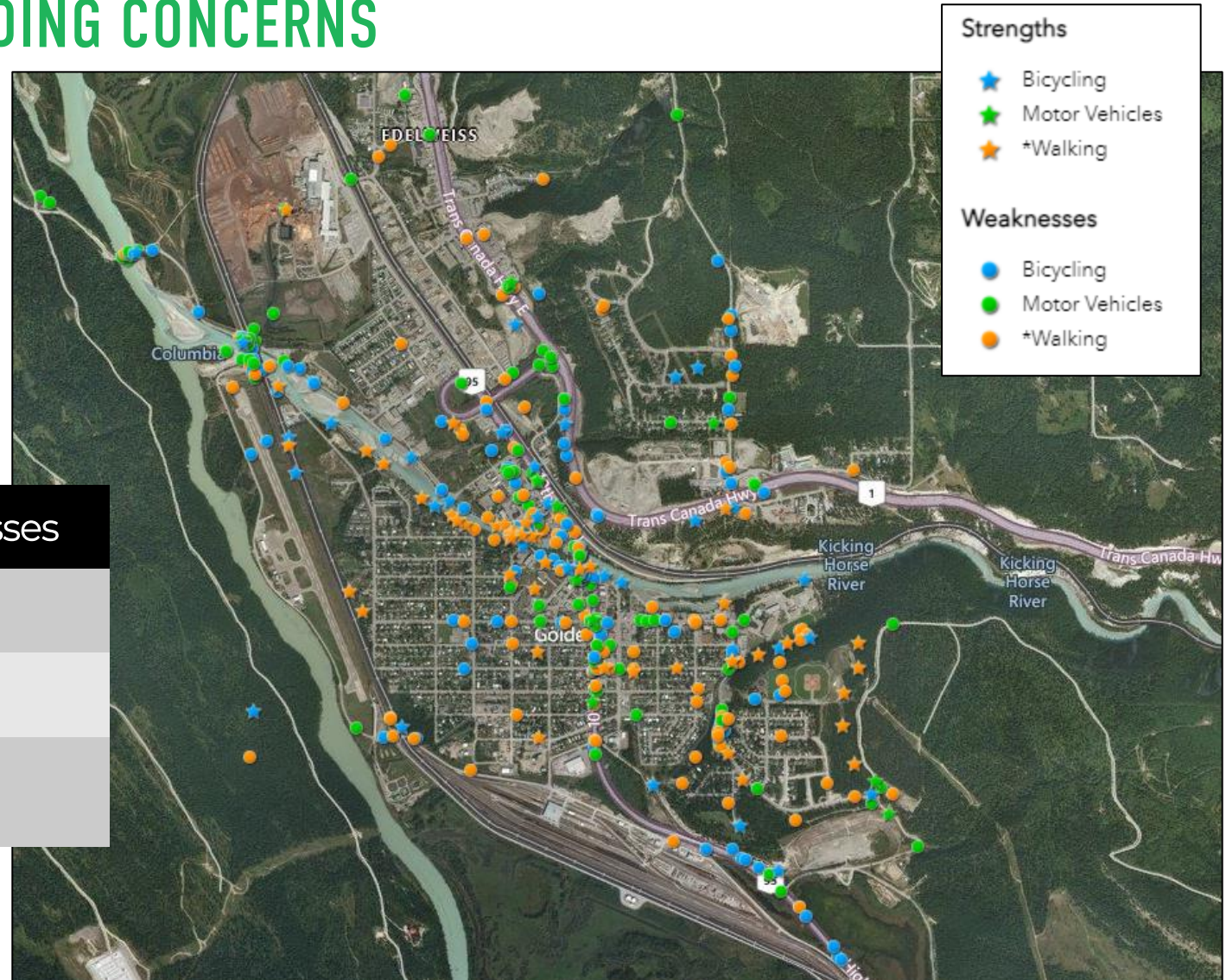
PLAN PROCESS

ROUND 1 ENGAGEMENT: UNDERSTANDING CONCERNS

WHAT WE HEARD – INTERACTIVE MAP

- Interactive map available from September 13th to September 26th, 2021
- 97 strengths
- 400 weaknesses

Mode	Strengths	Weaknesses
Walking	51	127
Bicycling	35	133
Motor Vehicles	11	140

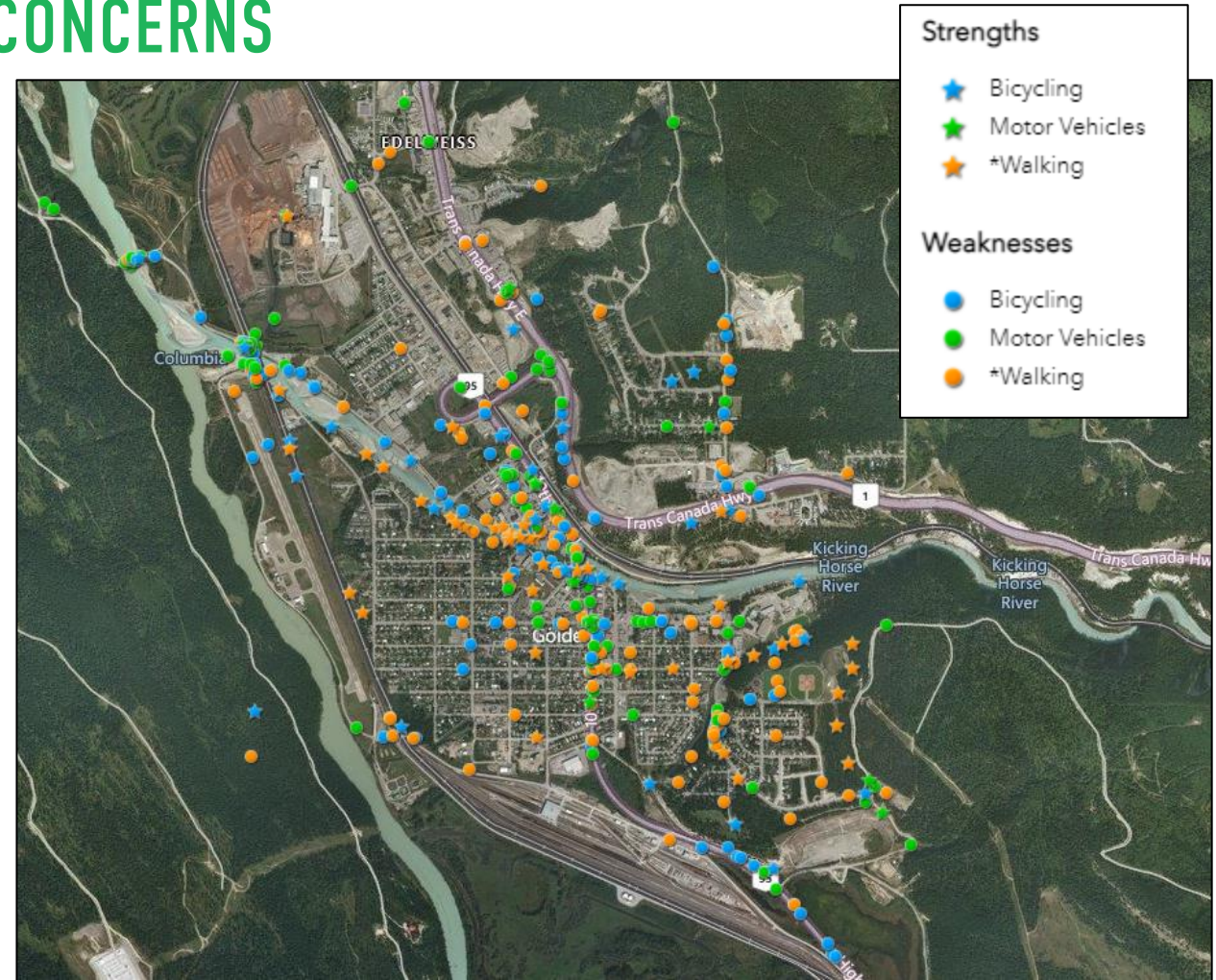


PLAN PROCESS

ROUND 1 ENGAGEMENT: UNDERSTANDING CONCERNS

WHAT WE HEARD – INTERACTIVE MAP

- Bicycling and Walking
 - **Strengths:** Keith King Memorial Sports Fields, trails along the river
 - **Weaknesses:** traffic circle at Golden Donald Upper Road, Selkirk Hill, 10th Avenue S crossings, rail crossings - delays and frequency
- Motor vehicles
 - **Strengths:** spread out, referred to recent changes
 - **Weaknesses:** Selkirk Hill, 10 Avenue S, 10 Avenue S and 9 Street S, 14 Avenue S, Fisher Road and Kicking Horse Drive, Dogtooth Bridge





3.0 DRAFT VISION AND GOALS

Phase 2: DEFINING THE VISION

VISION

Residents and visitors of the Town of Golden enjoy an active lifestyle situated between the Rockies and the Purcells.

The integrated and accessible multi-modal transportation network enhances this lifestyle, fostering a vibrant and sustainable community.

Phase 2: DEFINING THE VISION

GOALS

Health and Safety

- Provide a safe network for all road users
- Support the health of both people and the environment by encouraging active transportation and reductions in vehicle emissions

Integrated

- Provide an integrated network with various options for moving within and beyond the Town

Accessible

- Provide an accessible network that allows people to move throughout the community regardless of age, ability and income

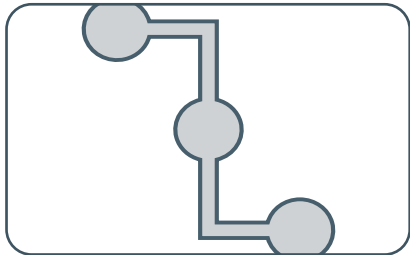
Phase 2: DEFINING THE VISION

OBJECTIVES



Health and Safety

- Review and update transportation planning policies and design standards to align with latest research and best practices
- Implement intersection improvement recommendations within the GTP to improve safety and efficiency, considering all road users



Integrated

- Close identified gaps in transportation network
- Revise road classifications to better suit the desired road operation and adjacent land uses
- As the population of Golden increases, support efforts to explore implementing local or on-demand transit service (ex. Shuttle service to kicking horse)
- Collaborate with BC transit to explore potential future transit initiatives



Accessible

- Collaborate with community groups and businesses to understand how to improve accessibility of the community
- Incorporate accessible design into new transportation infrastructure and work to retrofit old infrastructure.

4.0 DRAFT PLAN

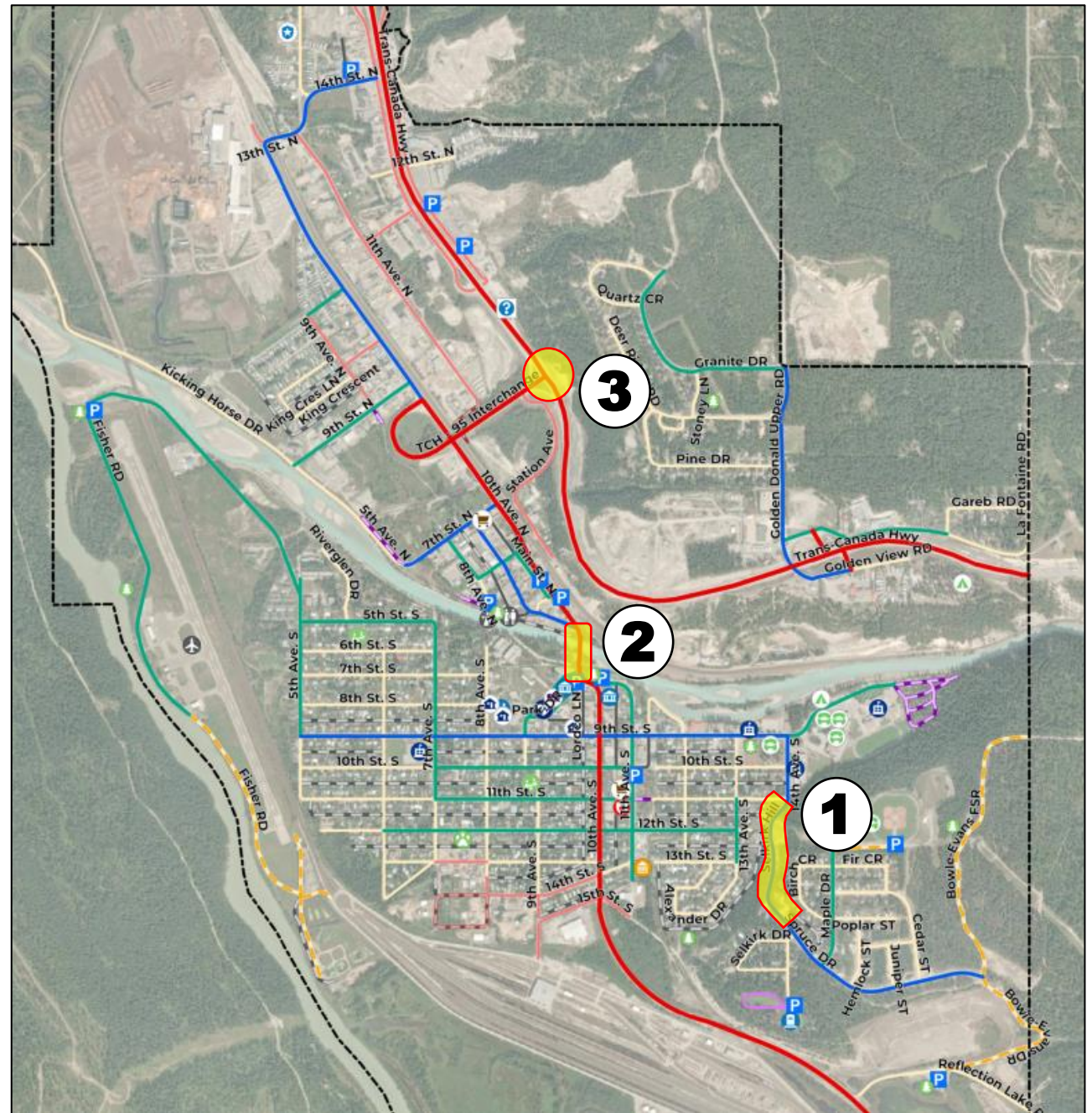


DRIVING & TRANSIT

PHASE 3: EXPLORING OPPORTUNITIES

EXISTING CONDITIONS: ROADWAY

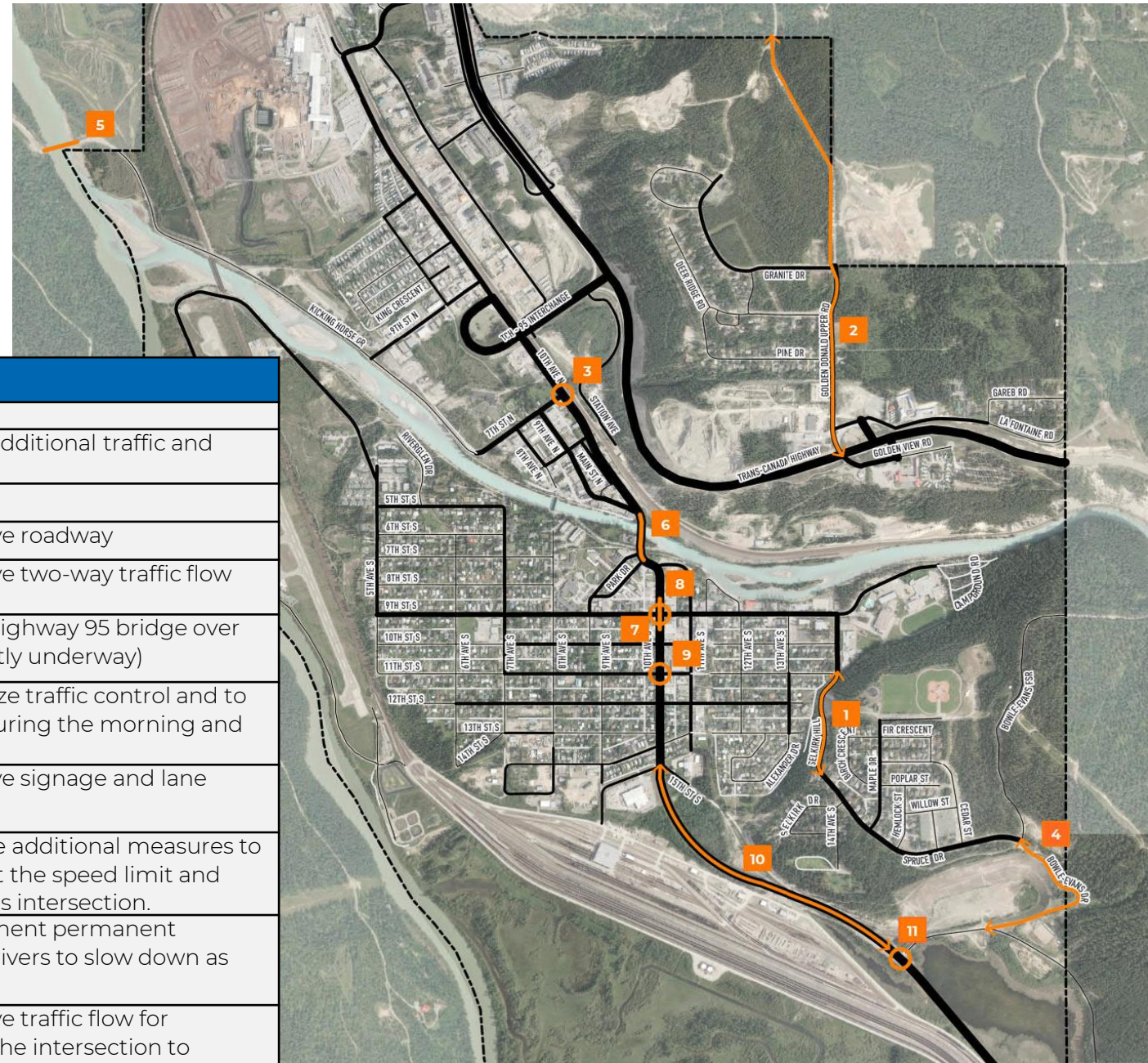
- Ongoing Studies/Projects:
 - Selkirk Hill Safety Study (1)
 - Kicking Horse/Hwy 95 Bridge Replacement (2)
- Higher existing delays for vehicles turning left onto Trans Canada from Highway 95 (3)
- No other existing traffic capacity concerns



PHASE 3: EXPLORING OPPORTUNITIES

FUTURE ROAD NETWORK IMPROVEMENTS

	LOCATION	DETAILS
1	Selkirk Hill	Reduce speeds, improve safety
2	Golden Donald Upper Road	Widen roadway to accommodate additional traffic and multi-modal path
3	10th Avenue N and 7th Street N	Signal/limit turns
4	Bowle-Evans Drive	Advocate to the Province to improve roadway
5	Kicking Horse Drive (Dogtooth) Bridge	Advocate to the Province to improve two-way traffic flow
6	Highway 95 bridge	Advocate to the Province on new Highway 95 bridge over Kicking Horse River (project currently underway)
7	Intersection of Highway 95 (10th Avenue) and 9th Street S	Advocate to the Province to optimize traffic control and to give more green time to 9 Street during the morning and afternoon school hours
8	Highway 95 (10th Avenue S) at 9th Street S	Advocate to the Province to improve signage and lane markings on Highway 95
9	Highway 95 (10th Avenue S) at 11th Street S	Advocate to the Province to provide additional measures to ensure that vehicles are traveling at the speed limit and pedestrians are seen crossing at this intersection.
10	Highway 95 (10th Avenue) south of 15th Street	Advocate to the Province to implement permanent measures that would encourage drivers to slow down as they enter the Town
11	Intersection of Highway 95/ Reflection Lake Road	Advocate to the Province to improve traffic flow for southbound vehicles by widening the intersection to provide a southbound left turn lane.

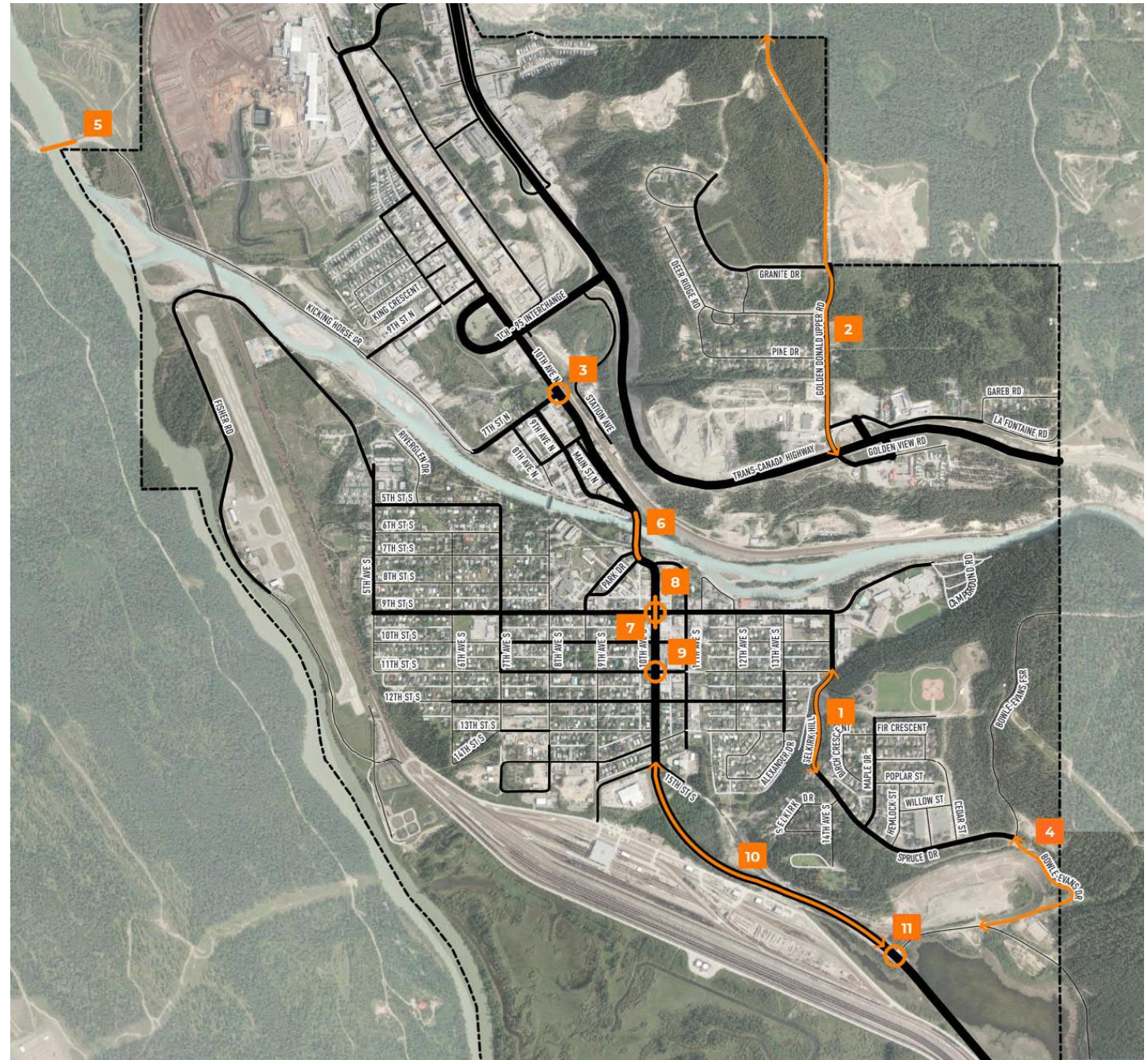


PHASE 3: EXPLORING OPPORTUNITIES

EXAMINING ROAD NETWORK IMPROVEMENTS

Are there any other locations you think require improvements?

If so, what improvements do you think would help?



PHASE 3: EXPLORING OPPORTUNITIES

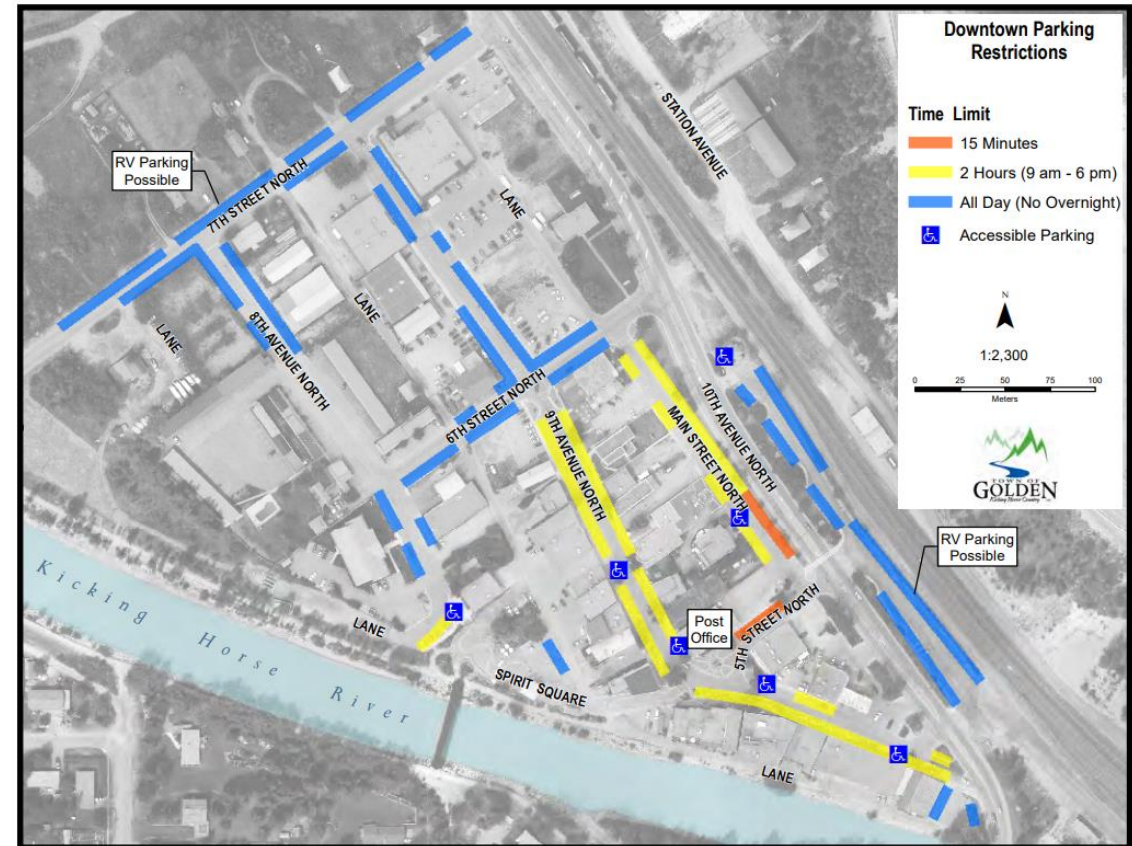
EXPLORING TRANSIT OPTIONS

- On-demand Transit
 - Passengers send a request (usually through an app) for a pick-up/drop-off and the transit vehicle adjusts its route based on the requests
 - Works well in smaller municipalities (lower population density and lower ridership) - route is constantly optimized to serve the areas that need it
 - Potential funding opportunities and sources would need to be reviewed

PHASE 3: EXPLORING OPPORTUNITIES

EXPLORING PARKING OPTIONS

- 1st survey results indicated some parking concerns
- 800+ existing parking spaces (public + private) in downtown between 7th Street North and the bridge.
- 2nd survey asks questions to help understand these concerns



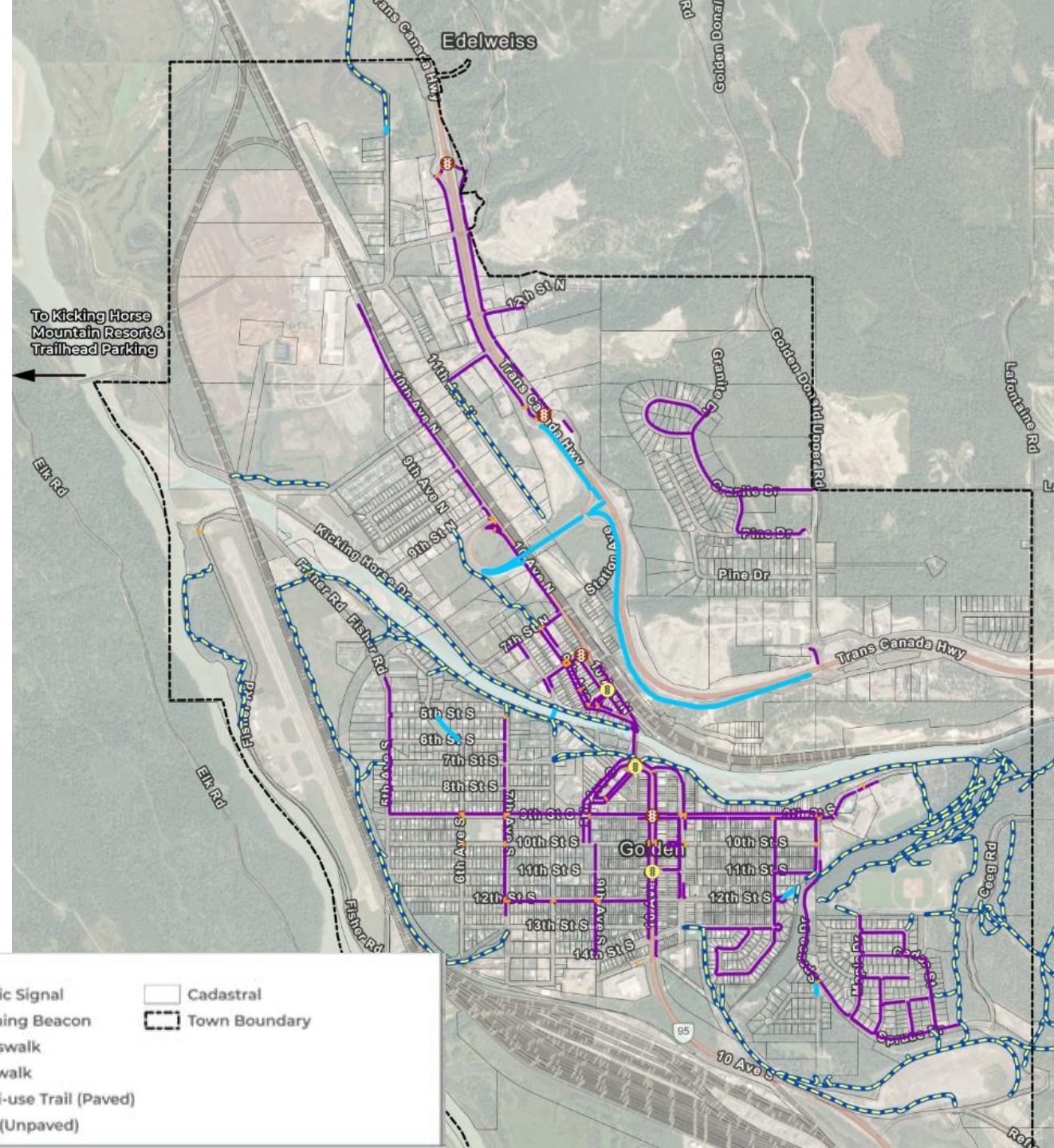


WALKING, BICYCLING, & ROLLING

PHASE 3: EXPLORING OPPORTUNITIES

EXISTING CONDITIONS: ACTIVE TRANSPORTATION

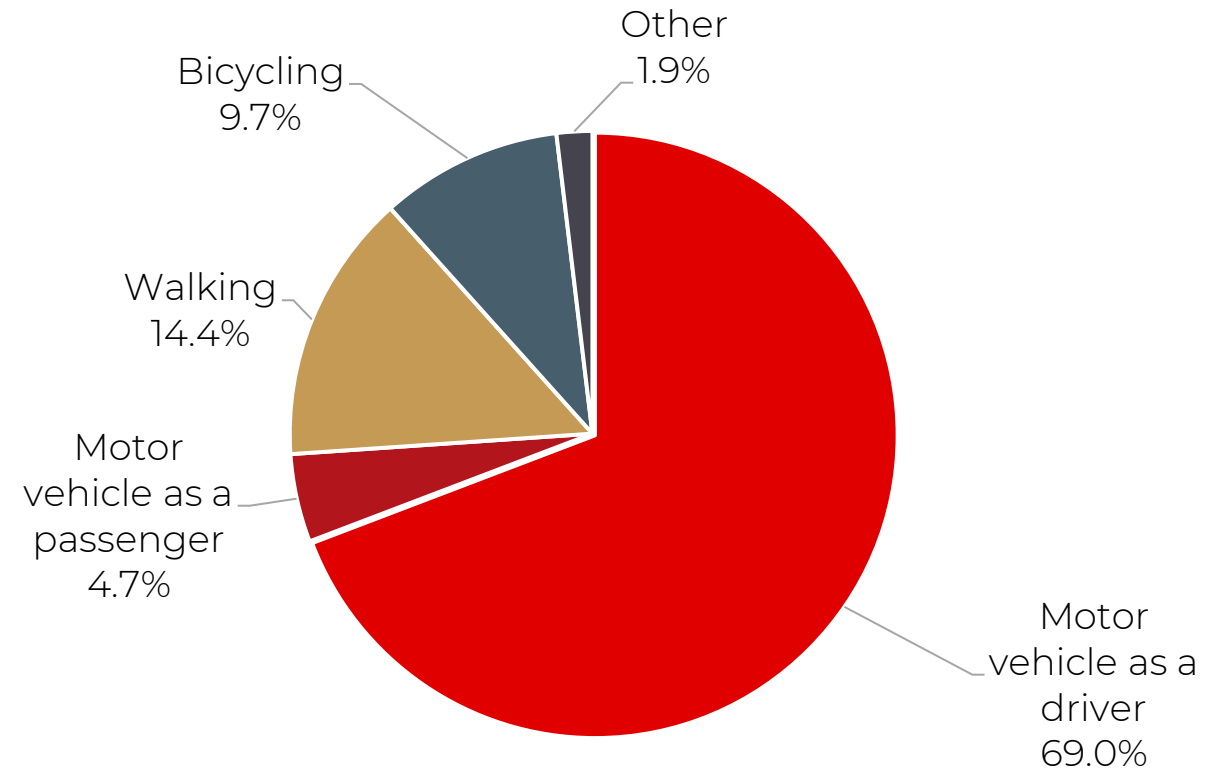
Trail Type	Total KM
Multi-use Paths (paved)	1.7
Trails (unpaved)	24.2
Sidewalk	21.6



PHASE 3: EXPLORING OPPORTUNITIES

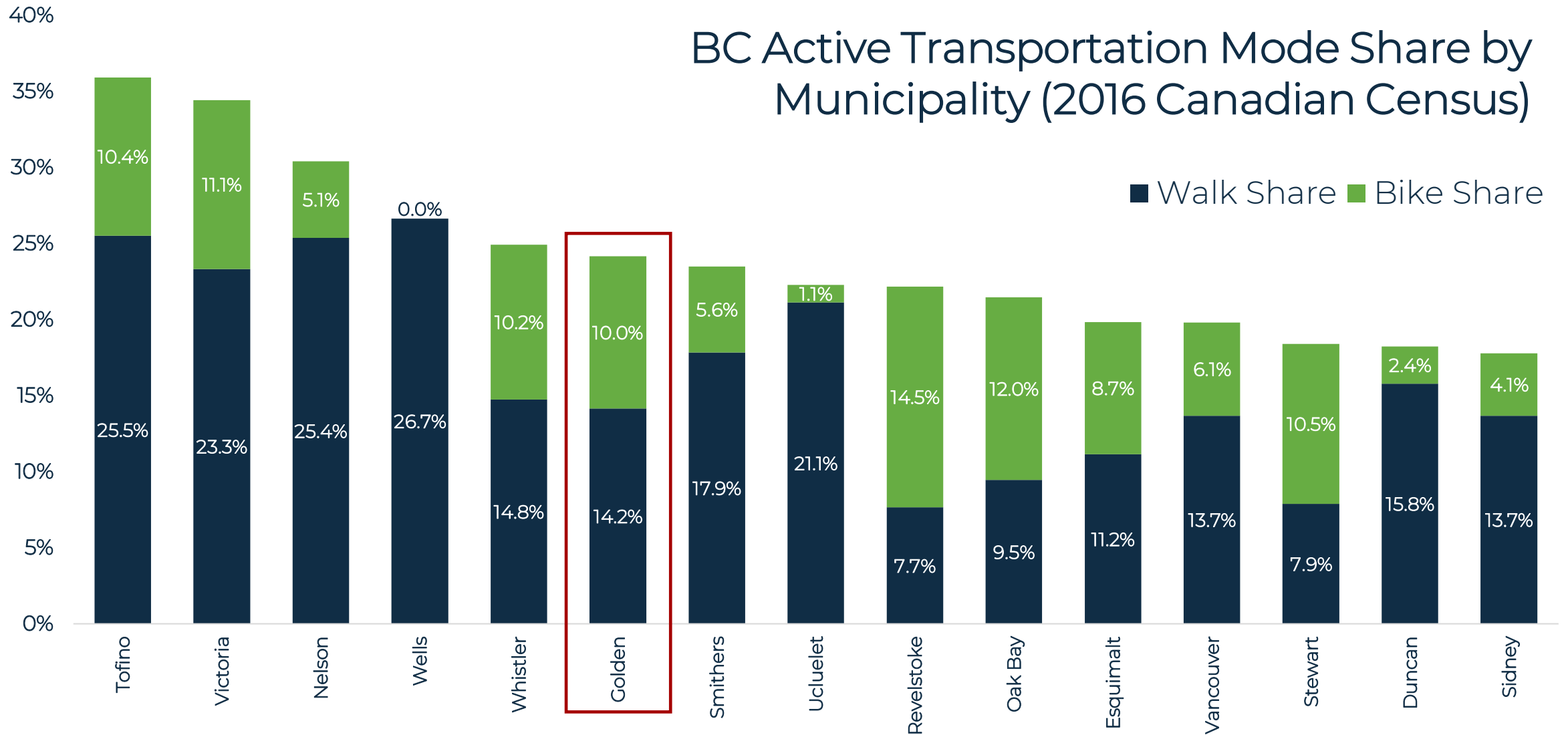
EXISTING CONDITIONS: ACTIVE TRANSPORTATION

- According to the 2016 Census, 24% of Golden residents travel to work by active transportation
 - 9.7% by bicycle
 - 14.4% by walking
- The remaining 76% travel to work by car



Source: Journey to Work Mode Share, 2016 (Statistics Canada)

ACTIVE TRANSPORTATION MODE SHARE



PHASE 3: EXPLORING OPPORTUNITIES

THEMES

Several **draft** actions have been created. These actions are divided into three main themes:

- Building a **network**
- Enhancing the **experience** of walking, rolling and bicycling
- **Encouraging** more walking, rolling and bicycling



PHASE 3: EXPLORING OPPORTUNITIES

STRATEGIES

Each theme has a series of **strategies and actions** which are described in more detail in the following slides.

NETWORK

- Connections
- Planning and Partners
- Safety

EXPERIENCE

- Access and Equity
- Maintenance
- Parking and Amenities

ENCOURAGE

- Wayfinding
- Education and Promotion

PHASE 3: EXPLORING OPPORTUNITIES

BUILDING A NETWORK

- **Building a network** entails new infrastructure and enhancements to existing infrastructure that will make it safe and comfortable for pedestrians and bicyclists to travel by walking, rolling, and bicycle in Golden.



PHASE 3: EXPLORING OPPORTUNITIES

BUILDING A NETWORK

Sidewalks



Multi-use Path



Trail



Active Transportation Corridor



Crossing improvement

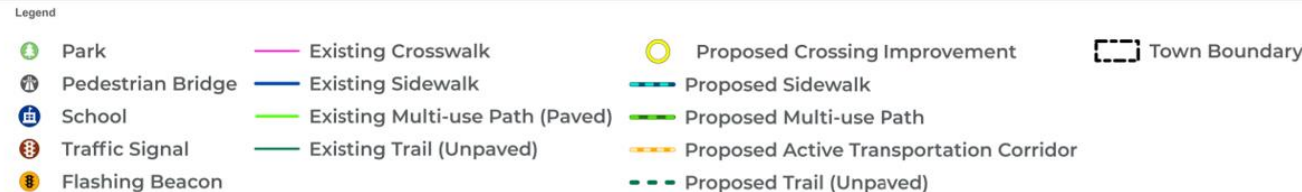
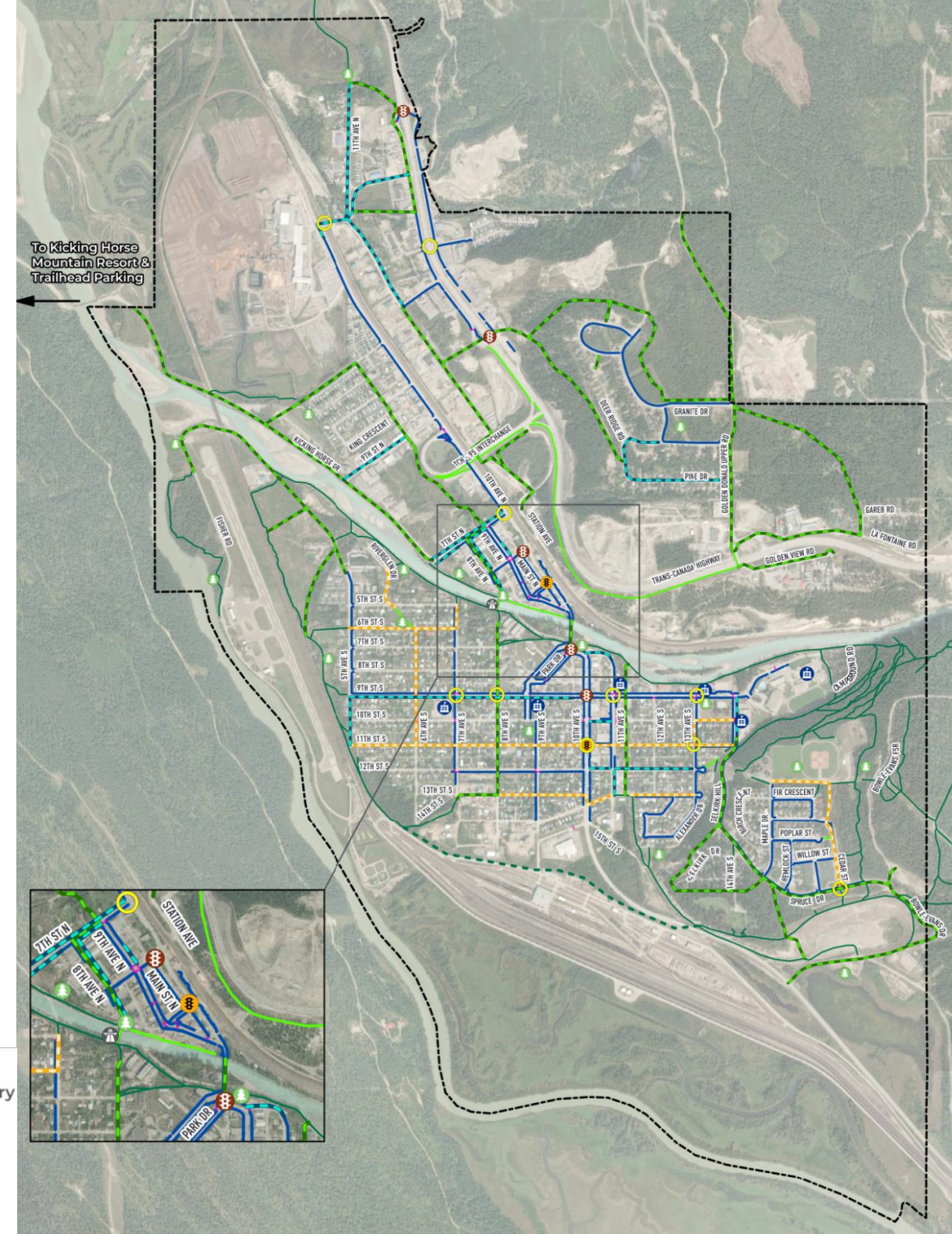


PHASE 3: EXPLORING OPPORTUNITIES

BUILDING A NETWORK

• Connections (Sample recommendations)

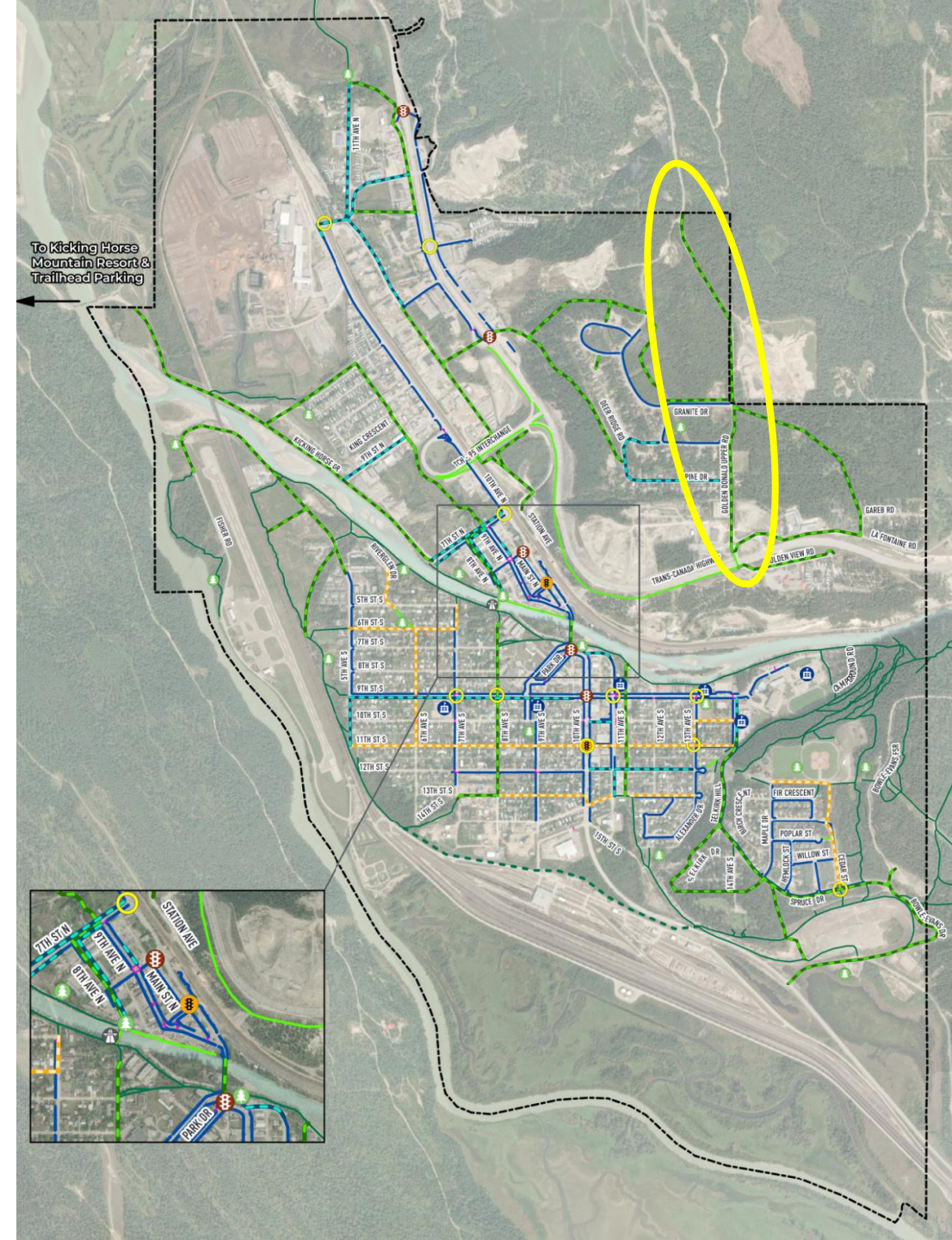
- Implement a connected All Ages and Abilities (AAA) active transportation network within Golden.
- Consider the impact of new mobility technologies.
- Incorporate design best practices from the BC Active Transportation Design Guide into the Town's Subdivision and Development Servicing Bylaw.
- Look to complete network connections through property acquisitions.



PHASE 3: EXPLORING OPPORTUNITIES

BUILDING A NETWORK

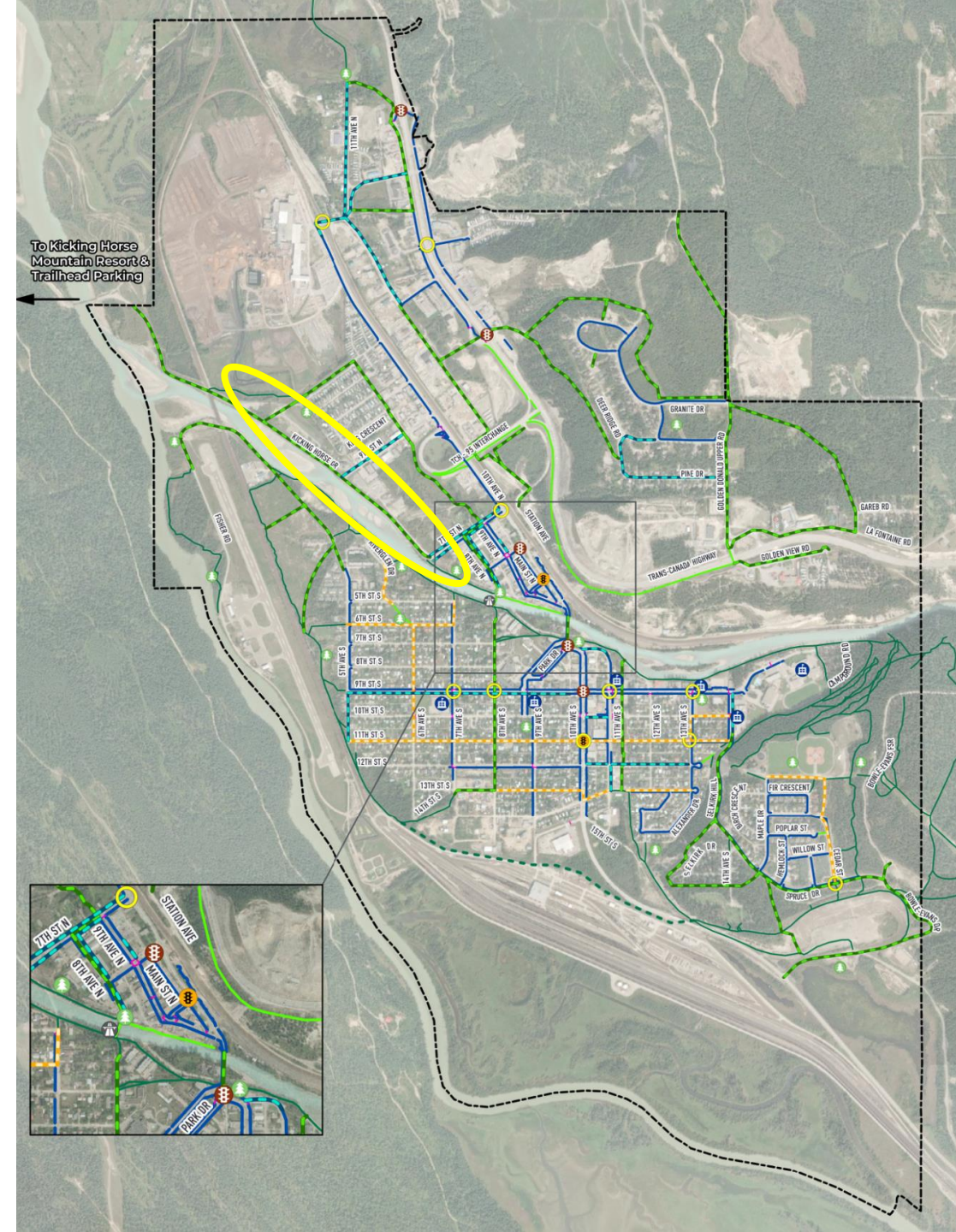
- **Golden Donald Upper Road**
 - Multi-use path on Golden Donald Upper Road connecting Highway 1 to Golden Skybridge



PHASE 3: EXPLORING OPPORTUNITIES

BUILDING A NETWORK

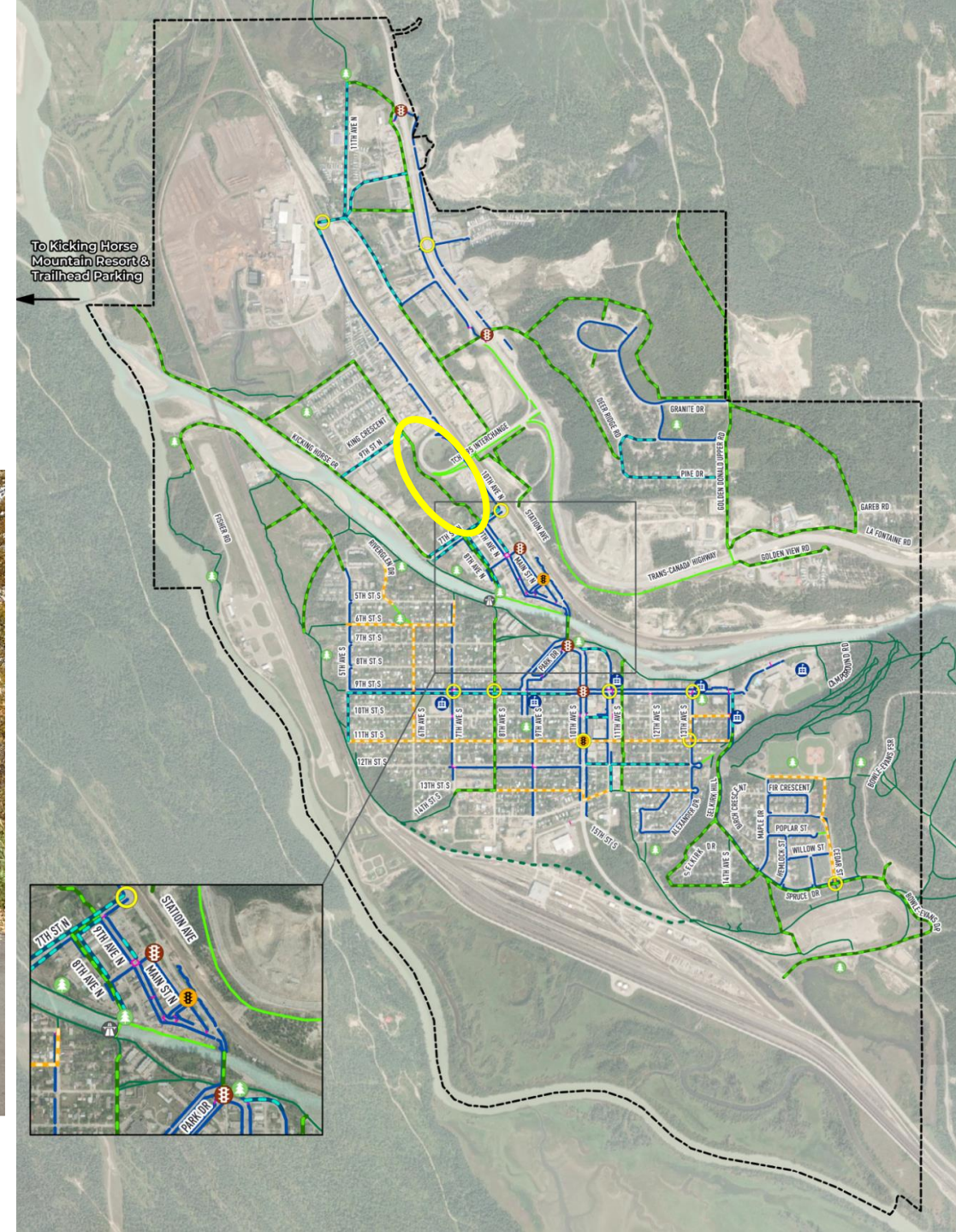
- **Kicking Horse Drive**
 - Multi-use path from 7th Street North to Town boundary to connect downtown to Columbia River Crossing via Kicking Horse Drive



PHASE 3: EXPLORING OPPORTUNITIES

BUILDING A NETWORK

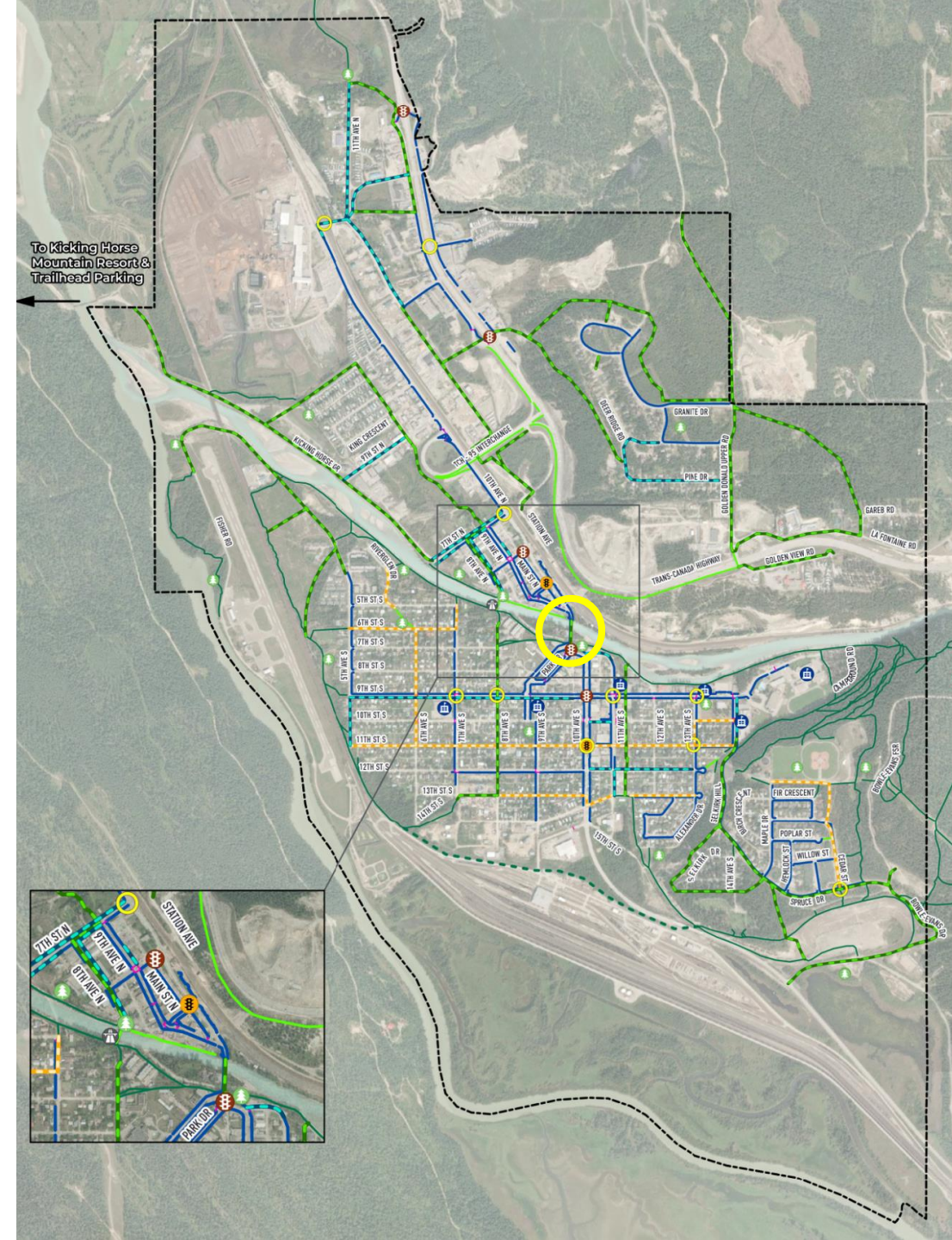
- **7th Street to 9th Street North Extension**
 - Multi-use path to connect downtown with the industrial area
 - Implement through development – alignment to be determined. Property acquisition required.



PHASE 3: EXPLORING OPPORTUNITIES

BUILDING A NETWORK

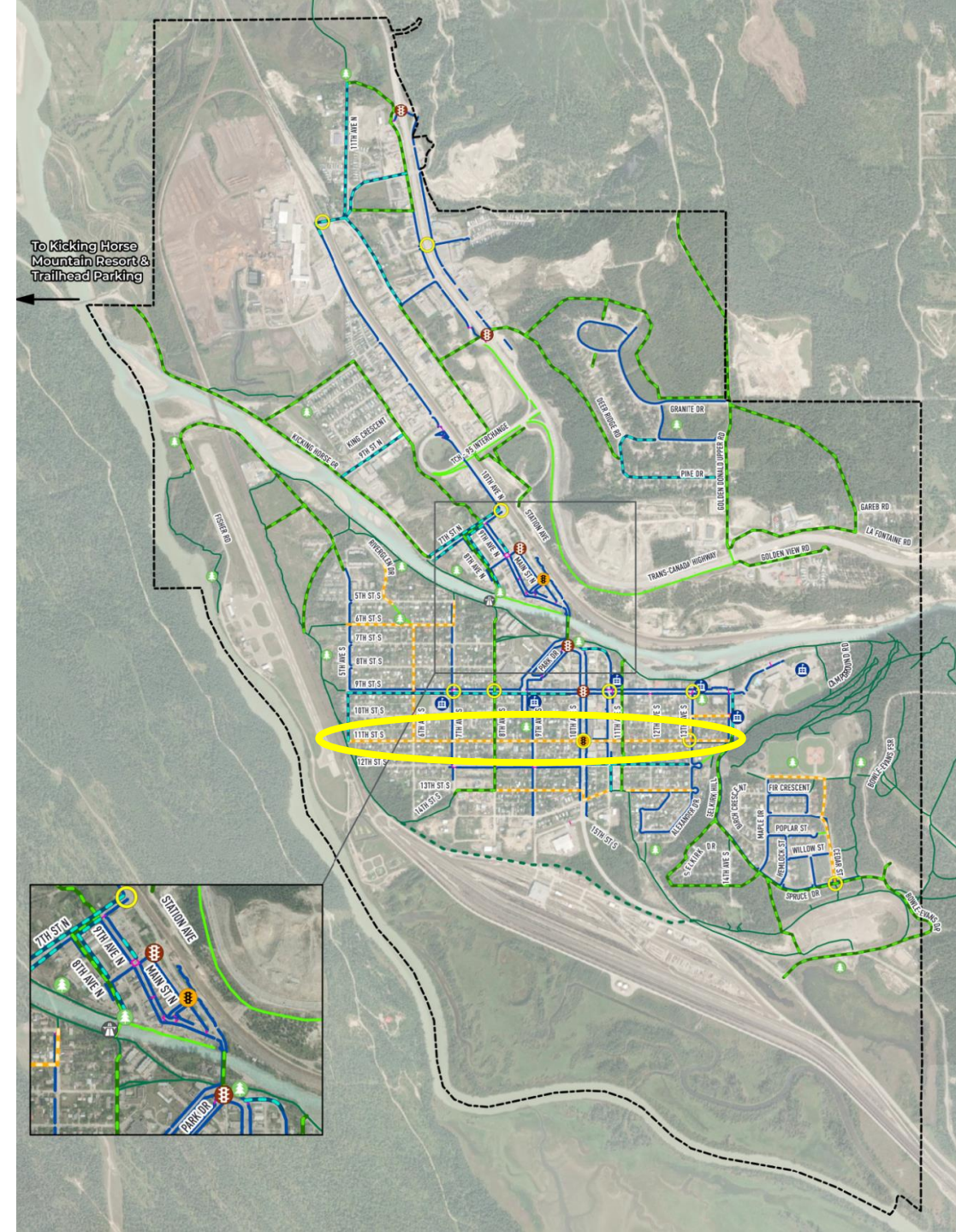
- **Highway 95 Bridge Replacement Project**
 - Multi-use path on new Highway 95 Bridge connecting north and south Golden



PHASE 3: EXPLORING OPPORTUNITIES

BUILDING A NETWORK

- **11th Street South**
 - Active transportation corridor to connect 5th Avenue South to 14th Avenue South



PHASE 3: EXPLORING OPPORTUNITIES

BUILDING A NETWORK

- **Planning and Partners**

- Ensure all new community plans, projects and developments integrate with the active transportation network.
- Work with the Province of BC's Resort Municipality Initiative program and funds to implement active transportation infrastructure that meet the goals of the Resort Development Strategy.
- Create a Future Alternative Transportation Reserve Fund.
- Work with regional partners to provide well-integrated active transportation connections to nearby communities and regional trails.



PHASE 3: EXPLORING OPPORTUNITIES

BUILDING A NETWORK

- **Safety**

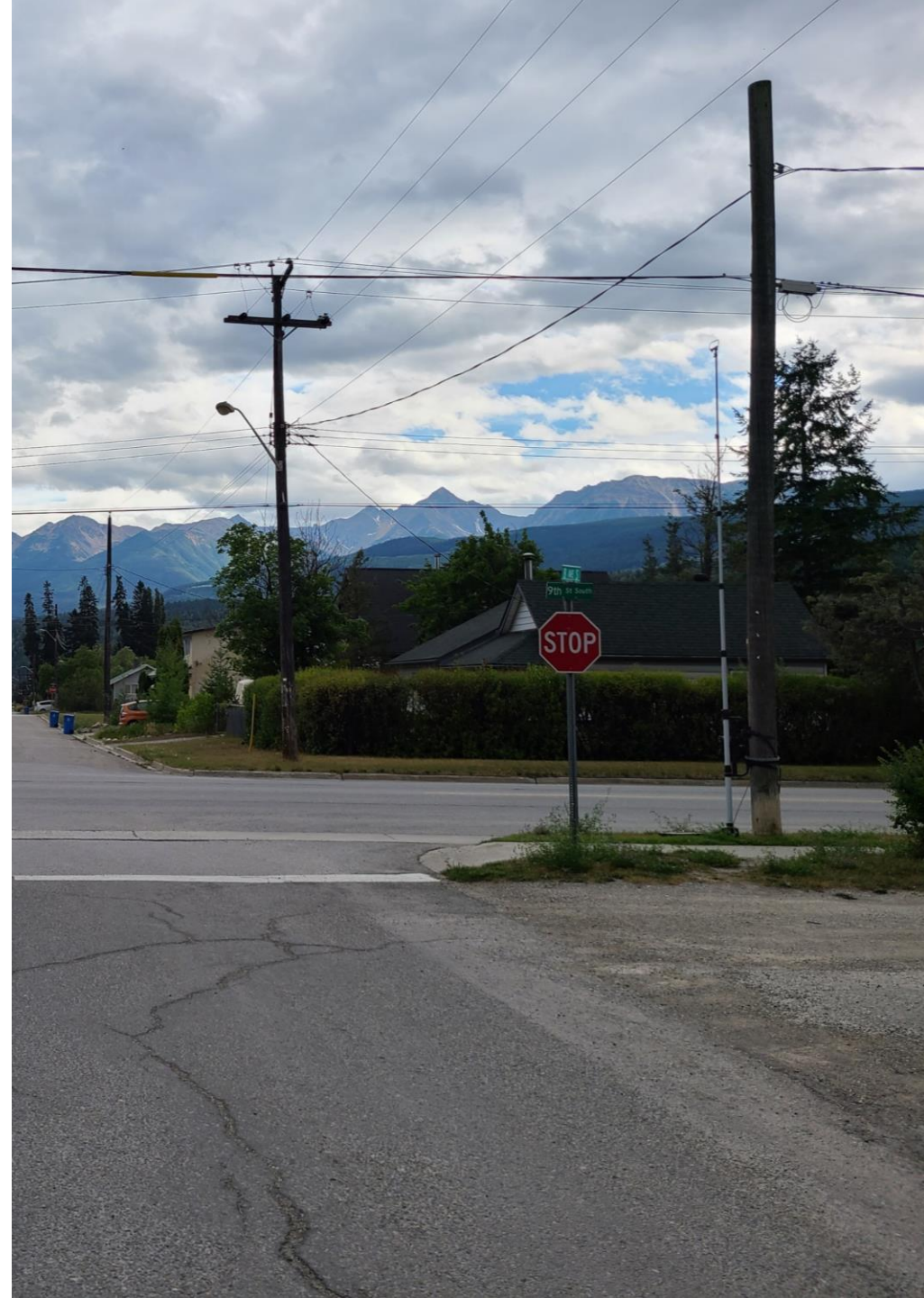
- Improve safety along active transportation routes by considering visibility, sightlines, and access where appropriate.
- Look for opportunities to address roads where motor vehicle speeds are a concern with traffic calming and traffic diversion.



PHASE 3: EXPLORING OPPORTUNITIES

ENHANCING THE EXPERIENCE

- **Enhancing the experience of walking, rolling and bicycling** entails considering all potential users and designing the network with them in mind to make the active transportation network in Golden convenient and accessible for everyone.



PHASE 3: EXPLORING OPPORTUNITIES

ENHANCING THE EXPERIENCE

- **Access and Equity**
 - Apply an intersectional, equity-focused lens to the planning, design, and implementation of all active transportation facilities, amenities, and programs to support equity-seeking groups.
 - Create opportunities to work with the Ktunaxa and Secwepemc Nations as well as the Columbia Valley Métis on the design and implementation of the active transportation network.

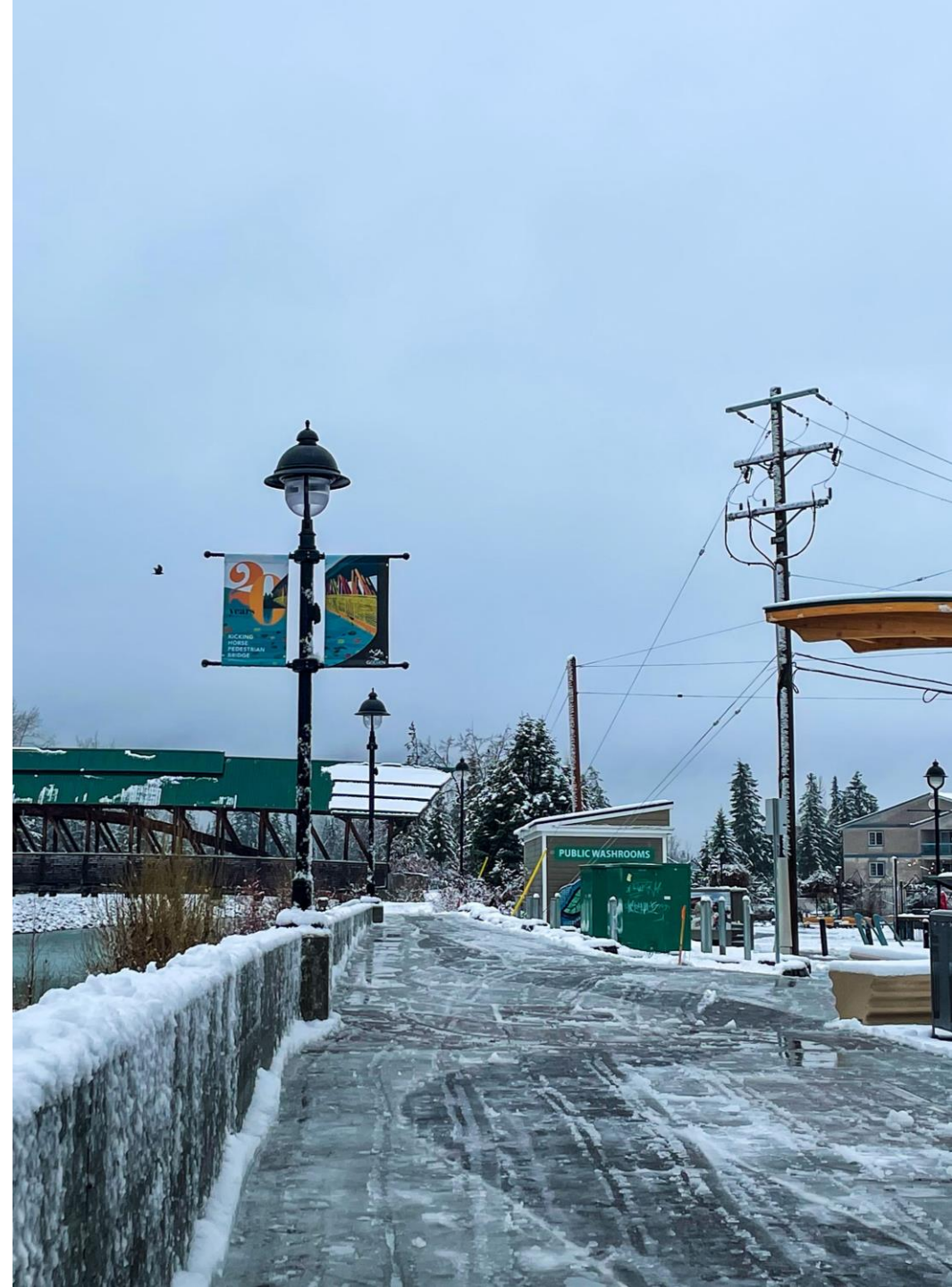


PHASE 3: EXPLORING OPPORTUNITIES

ENHANCING THE EXPERIENCE

- **Maintenance**

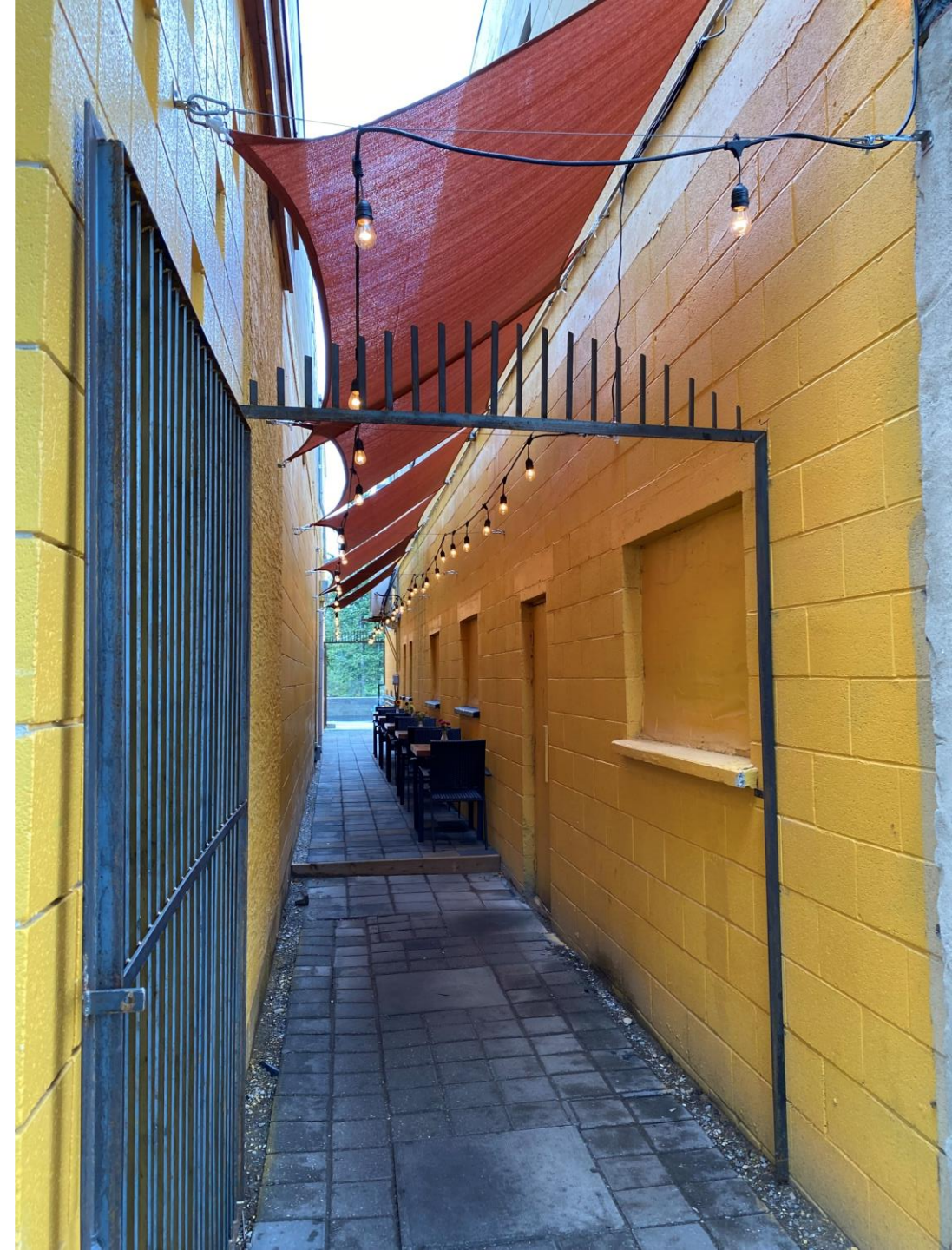
- Complete an Active Transportation Asset Management Plan and update regularly to inventory and ensure the active transportation network in a state of good repair.
- Design active transportation facilities to provide adequate drainage, snow storage and removal, and sand and gravel removal.
- Ensure the Town has appropriately sized equipment and operating funding to maintain existing and future active transportation infrastructure.



PHASE 3: EXPLORING OPPORTUNITIES

ENHANCING THE EXPERIENCE

- **Parking and Amenities**
 - Support the installation of public amenities such as seating, landscaping, and public art to enhance the active transportation and accessibility experience.
 - Support the installation of more short- and long-term bicycle parking.
 - Develop a central hub for active transportation.
 - Consider opportunities to rethink how curb-space is used.



PHASE 3: EXPLORING OPPORTUNITIES

ENCOURAGING MORE

- **Encouraging more walking, rolling and cycling** entails creating a clear and navigable network and working with partners to encourage active transportation through events, campaigns, incentives and understanding travel patterns.



PHASE 3: EXPLORING OPPORTUNITIES

ENCOURAGING MORE

- **Wayfinding**

- Conduct a Wayfinding Signage Review and look for opportunities to add signage on new and existing facilities.
- Work with Tourism Golden and Golden Cycling Club to update the Bike Trail Map to include new facilities and infrastructure.



PHASE 3: EXPLORING OPPORTUNITIES

ENCOURAGING MORE

- **Education and Promotion**
 - Support the development of a regional bicycle tourism initiative.
 - Work with partners to provide bicycle education and skills training for children, youth, adults and seniors and promote active travel to work, school and play.
 - Develop an active transportation data collection and monitoring program.
 - Work with Tourism Golden to promote the use of active transportation for tourism and seasonal employees.



6.0 CLOSING AND NEXT STEPS

- We want your input!
 - www.golden.ca/transportationplan
- Survey open from January 26th to February 11th, 2022
- Next Public Discussion session at 5pm on February 7th, 2022



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