ROSSLAND ACTIVE TRANSPORTATION PLAN

TECHNICAL REPORT

CITY OF ROSSLAND

FINAL

PROJECT NO.: 20M-01383-00
CLIENT REF:
DATE: MAY 05, 2022

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Subject: Rossland Active Transportation Plan - Technical Report

Please find enclosed the Active Transportation Plan technical report that describes the process and recommendations for the OCP Update.

Yours sincerely,

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1 PROJECT INITIATION

1.1 PURPOSE

The City of Rossland received a grant in summer 2021 from BC Ministry of Transportation and Infrastructure to review the existing Active Transportation Plan and identify improvements to the existing network, identify additional routes and develop policies, objectives, and actions for inclusion in the OCP update. This document contains the updated active transportation network plan and recommended policies which is a companion to the OCP.

Rossland's existing Active Transportation Plan (ATP) was completed in 2009 and recommended 24 active transportation routes. This plan focused on off-street multi-use neighbourhood connector trails, most of which have been implemented in the last 10 years. The plan primarily considered snowshoeing, walking and cross-country skiing as forms of active transportation.

A recent increase in e-bikes and fat bikes have improved accessibility of all-weather biking and opened the network to those who may previously have found the grades within Rossland to be too challenging to maneuver. An update to the existing Active Transportation Plan is required to consider these new technologies.

This report identifies an updated active transportation network based off the foundation of the existing ATP. Updated policies have been recommended for the OCP update and are based on available usage and safety data, public engagement results and best practice.

1.2 METHODOLOGY

The approach to updating the ATP included focusing on an updated network plan and policies that reflect the increasing use of bicycles and improving accessibility for all ages and abilities. The study was limited in scope to inform the OCP update. The study was completed in two phases; the first phase was to develop an understanding of existing strengths and challenges and the second phase identified a preferred network and policies. The following process outlines the steps applied to complete the study:

Phase 1: Strengths and Challenges

1. Develop an understanding of the existing network, active transportation use and existing safety concerns.
2. Review and confirm City policy directions.
3. Gather and review public engagement feedback on existing network.

Phase 2: Develop Network and Policies

1. Establish plan goals and objectives.
2. Identify network gaps, missing links and candidate routes.
3. Identify locations for accessibility and safety improvements.
4. Validate candidate routes and identify recommended facility type.
5. Finalize preferred network.
6. Develop recommended policies.
7. Identify next steps.

2 EXISTING CONDITIONS

2.1 BACKGROUND

The City of Rossland is in the West Kootenay region of south-central British Columbia with a population of 4,140 (2021 Census). The city is in a mountain environment with the central core of development on a north/south pocket of land bounded in all direction by ridges of varying steepness. While most of the development occurs on land having slopes of between one and ten percent, substantial amounts also occur on slopes between 10% and 30%. This has historically presented a challenge to active transportation users.

The city is accessed by Ministry of Transportation and Infrastructure (MOTI) owned Highways 3B and 22. It is approximately ten kilometres west of the City of Trail, and ten kilometres north of the U.S. border crossing at Paterson. The closest urban centres are Kelowna, BC (299 km to the North-West) and Spokane, WA (200 km to the South). Major employment centres for residents include Red Mountain, the downtown core, Warfield and Trail. The 2016 Federal Census reported 29% of residents work within Rossland while 60% of residents commute to work outside of Rossland.

According to 2016 Federal census data, the age group with the highest population count in Rossland was 60-64. The age groups that followed in count were 35-39, 40-44, 45-49 and 55-59. The average age in Rossland in 2016 was 40 years of age, which is slightly lower than the country and provincial average and about 7 years younger than the Regional District average. An accessible active transportation network in Rossland must consider these demographics and recognize the use of e-bikes or other micro-mobility.

The City's Indicators Report (2018) provides sustainable indicators to assess progress towards the Rossland Visions to Action Strategic Sustainability Plan. The report includes four metrics to assess transportation that include: journey to work mode split, transit ridership, length and location of trails and satisfaction with downtown accessibility. The report found a reduction in vehicle drivers commute trips; increase in walk or bike commute trips; increase in total trail of 6% and 23.3% within the city; and overall, satisfaction with Rossland's downtown accessibility remains high with respect to pedestrian and transit infrastructure. Some concerns exist regarding winter maintenance, trucks through town and vehicle congestion at crosswalk locations.

Based on the 2016 Census, 13.9% of people commute by walking and 2.7% bike. The provincial average for commuting includes 6.8% who walked and 2.5% who biked. This suggests that Rossland is above the provincial average for active transportation users and that active transportation use may increase as infrastructure is improved to facilitate these trips.

2.2 EXISTING AT NETWORK

The residents of Rossland access an existing active transportation network consisting of facilities owned and operated by the City of Rossland and Kootenay Columbia Trails Society (KCTS). Residents also have access to Regional District of Kootenay Boundary (RDKB) Trails. Rossland's existing active transportation network includes sidewalks, off-street unpaved trails, multi-use trails, multi-use pathways and protected bike lanes. **Figure 2.2-1** below highlights existing infrastructure.

Rossland has approximately 76 km of off-street trails within the City, which vary in difficulty and accessibility. Apart from extensive trail networks outside the residential neighbourhoods, Rossland has committed to connecting areas within town via trails along abandoned corridors and alleys. Several multi-use pathways and trails are within the City.

A connected sidewalk network is provided within the downtown core with sidewalks generally provided on both sides of the street. Sidewalks also connect major park spaces such as Jubilee Park, schools and institutional uses.

Sidewalks have also been constructed within the Red Mountain Resort area. Residential neighbourhoods located south of Columbia Avenue, east of St Paul Street and west of Spokane Street tend to have steeper terrain and have limited to no connecting sidewalks. Rossland's road network comprises of two (2) highways, collector roadways, local and laneways roadways approximately 77 km in total length.

A protected bi-directional bike lane is constructed on the east side of Washington Street, between 1st Avenue and Jubilee Street. Multi-use pathways are constructed on Washington Street, from Jubilee Street to Kirkup Avenue, along LeRoi Avenue from Spokane Street to Davis Street and on Davis Street from Kootenay Avenue to LeRoi Avenue.

A summary of the total existing km by facility type is provided in the table below:

Table -1 – Summary of Existing Active Transportation Facilities

FACILITY TYPE	TOTAL KILOMETRES (KM)
Sidewalks	5.3
On-street bike lanes	0
Protected Bike Lane	0.27
Multi-use Pathway	0.75
Off-street Trails (City Managed)	13
Off-street Trails (KCTS Managed)	41
Off-street Trails (GIS labelled as "Other")	20
TOTAL	80.32

2.2.1 REGIONAL TRAILS

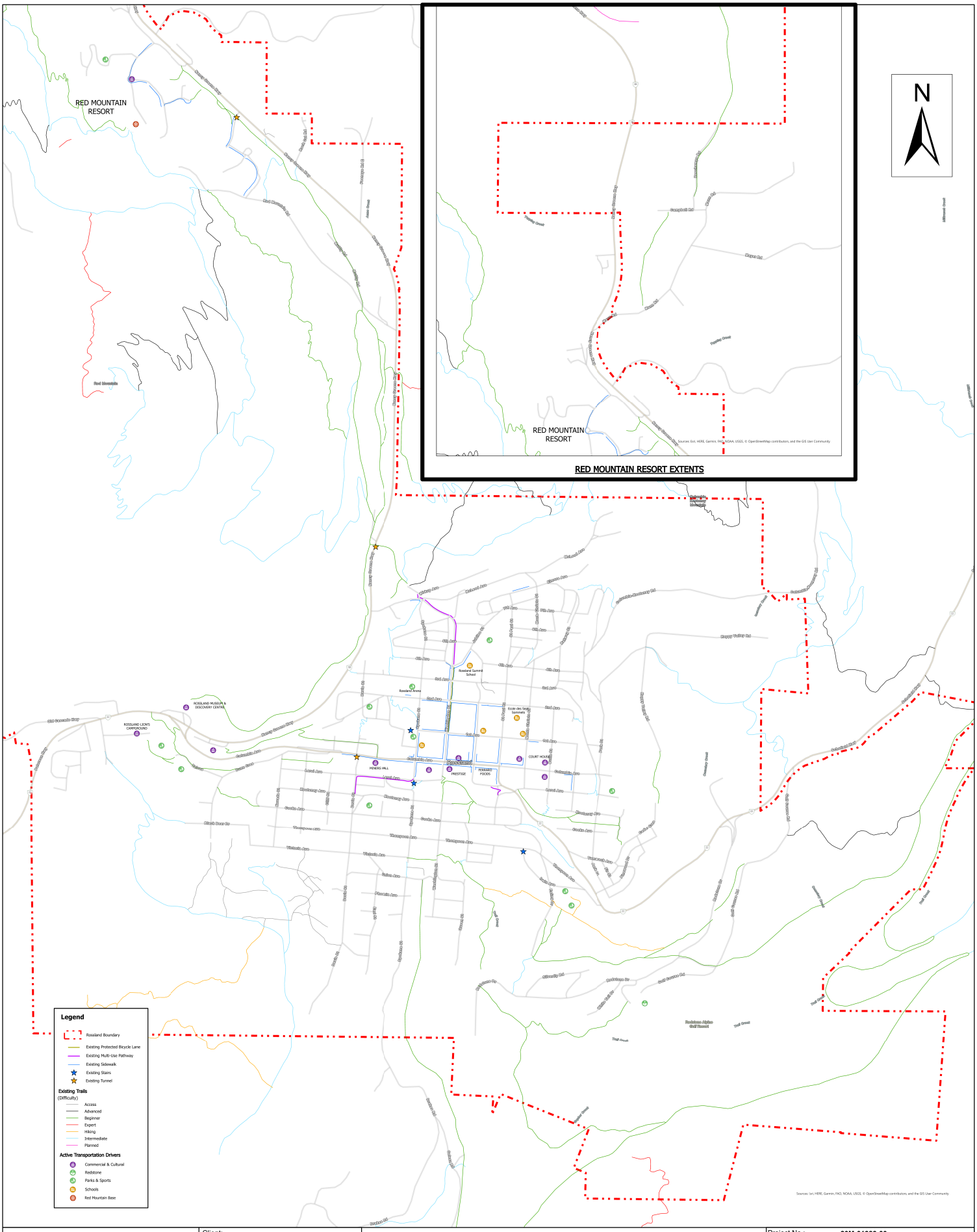
In addition to City owned off-street trails, Kootenay Columbia Trails Society (KCTS) is a private entity that manages the trail network in the region.

KCTS is a registered, non-profit society which manages, maintains, and develops a regional network of recreational trails for a variety of non-motorized trail users [1], and accounts for most of the regional trail connections outside of the Rossland Boundary. Notably, KCTS manages the trail network in and around the Red Mountain Resort area including popular trails like Redtop trail, Blue Elephant trail, Minors trail, Happy Valley trail, Boneyard trail, and Cemetery trail discussed more below.

[1] Tourism Rossland, Kootenay Columbia Trails Society, http://tourismrossland.com/business-listing/kootenay-columbia-trails-society/

RDKB is a regional government for West Kootenay and Boundary regions in B.C.'s southeast interior which provides services in recreation and culture, planning and building inspection to name a few.[2] Although the RDKB does not own or maintain any trails, they provide funding to KCTS.

[2] Regional District of Kootenay Boundary, Who We Are, What We Do, https://rdkb.com/Regional-Government/Who-we-are-what-we-do



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Active Transportation Network Update

Rossland Existing Active Transportation Network

Project No.:	20M-01383-00
Date:	2022-04-05 11:45 AM
Scale:	0 115 230 460 Meters
Figure No.:	Figure 2.2-1

2.3 EXISTING NETWORK USAGE

2.3.1 STRAVA DATA

EXISTING PEDESTRIAN USAGE

Strava is a application that is primarily used for tracking and sharing running and cycling performance. It allows users to track performance stats and to share their location in real time, producing Strava heat maps. Strava heat map data typically reflects recreational trips and usage data for its users which tends to be able bodied users. Strava heat map data may be used as an indication of high use corridors in the absence of other available data. Corridors shown as white with thicker lines indicate the highest volumes of use. High pedestrian use corridors are observed on the following streets:

- Columbia Avenue from Highway 3B to Highway 22;
- Washington Street from Columbia Avenue to Jubilee Street;
- Washington Street south of Cook Avenue,
- Spokane Street from Columbia Avenue to 2nd Avenue;
- 2nd Avenue from Spokane Street to Monte Cristo Street; and,
- Thompson Avenue from Washington Street to Davis Street.
- Park Street from Tamarack Avenue to Happy Valley Road
- Cedar Crescent to Happy Valley Road,
- Columbia Kootenay Road from 4th Avenue to Rossland boundary and beyond

In **Figure 2.3-1**, it can also be seen that the trail network around residential areas are highly used. Most notably:

- Centennial Trail;
- Museum Trail;
- Minors Trail;
- Redtop Trail;
- Wagon Road;
- Happy Valley Road;
- Cemetery Trail;
- Railgrade and,
- Boneyard (Red Mountain Area).

These trails connect to Red Mountain Resort and Warfield.

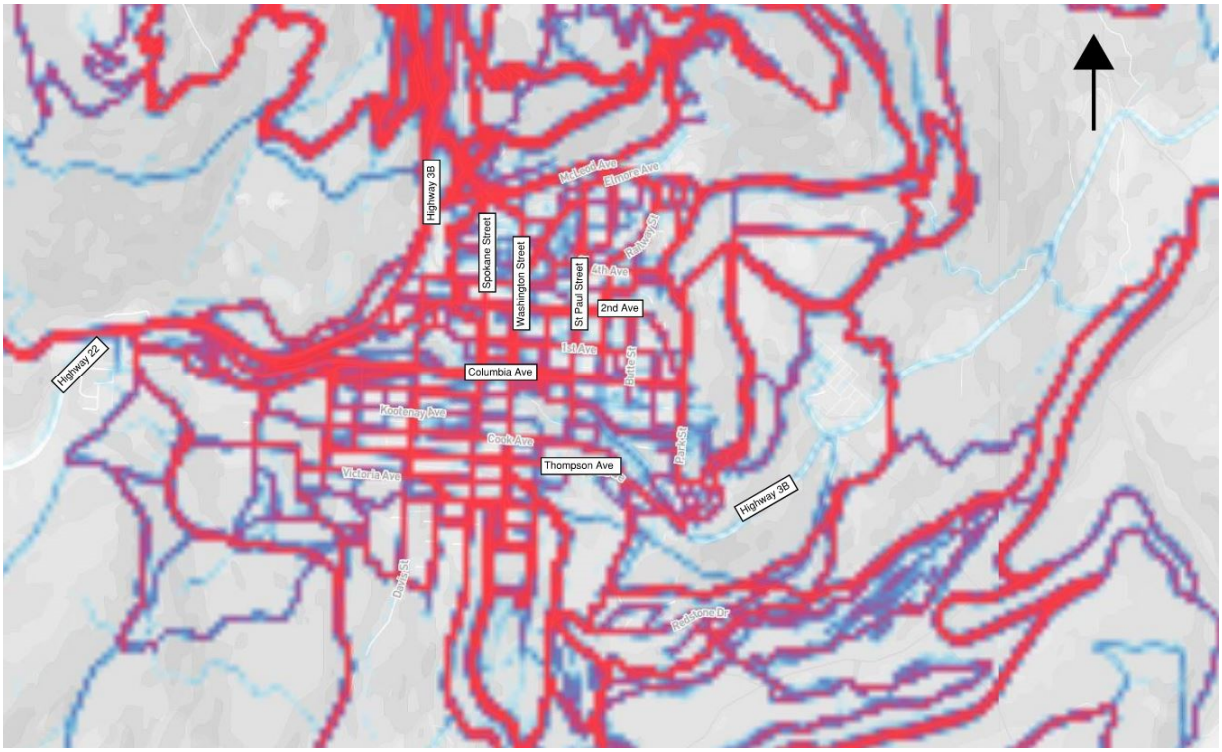


Figure 2-2 – Strava Heat Map Pedestrian Usage - Central Rossland[3]

EXISTING CYCLIST USAGE

From Strava's cycling heatmap, it appears there are high-use bike corridors along the following streets:

- Columbia Avenue from Highway 3B to Highway 22;
- Washington Street from Columbia Avenue to Jubilee Street; and,
- Spokane Street from Columbia Avenue to 2nd Avenue and continuing along Centre Star Gulch Trail.

In **Figure 2.3-2**, it can also be seen that the trail network around the residential areas are highly used by cyclists. Most notably:

- Centennial Trail;
- Minors Trail;
- Redtop Trail;
- Boneyard (Red Mountain area); and,
- KC and Eddie J Trails which connect to Centennial Trail.

These trails share a common characteristic as they all connect and lead to Red Mountain Resort.

[3] STRAVA (2022). Global Heat Map, accessed November 2021: https://www.strava.com/heatmap#12.95/-117.80449/49.09437/hot/all

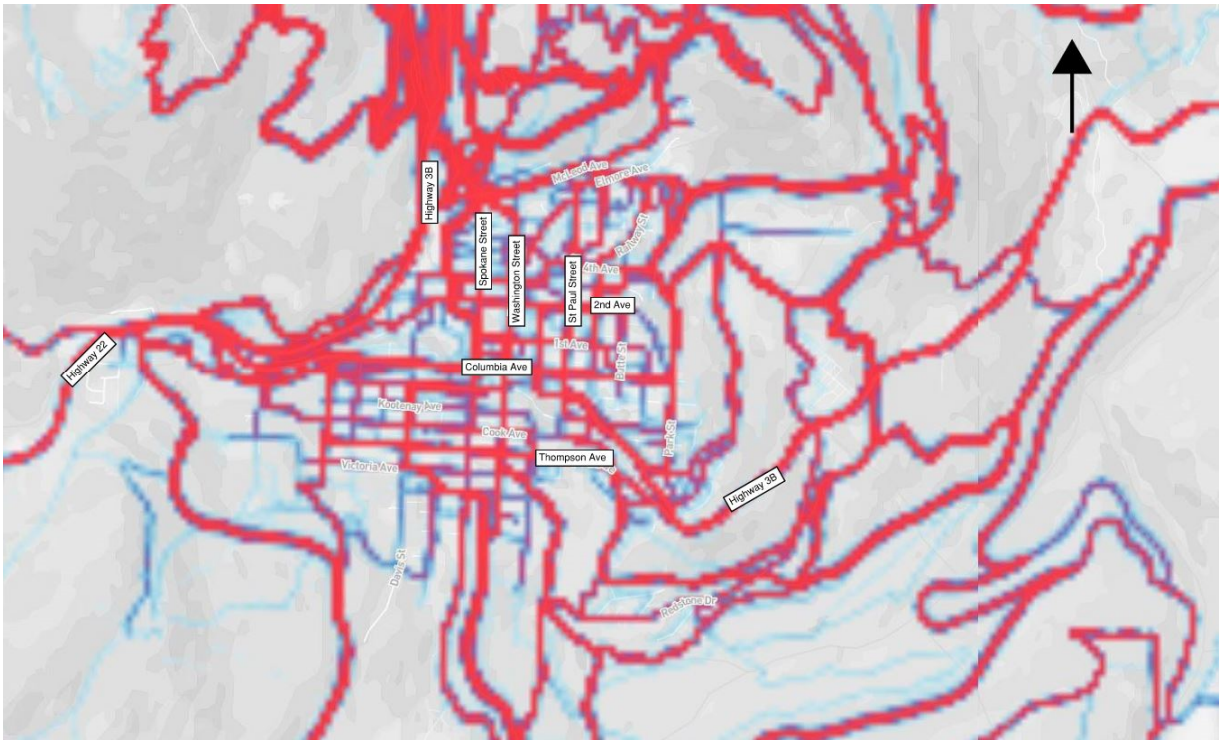


Figure 2-3 – Strava Heat Map Cyclists - Central Rossland[4]

2.3.2 ACCESS DATA

Walk Score has developed a patented system to assess the walkability, bike ability and transit access to any address. A travel time map that measures the access within a certain travel time for walking or biking is available on the Walk Score website that pulls from Google Map data. The travel time map available on Walk Score indicates that a majority of central Rossland is accessible within a 15-minute walk time as shown in **Figure 2.3-3**. Red Mountain, the Museum and part way to Warfield is accessible within a 15-minute bike ride of central Rossland as shown in **Figure 2.3-4**. Other locations such as Red Mountain, Redstone neighbourhood and Rossland Lion's Campground area have more limited access in terms of walking and biking.

[4] STRAVA (2022). Global Heat Map, accessed November 2021: https://www.strava.com/heatmap#12.95/-117.80449/49.09437/hot/all

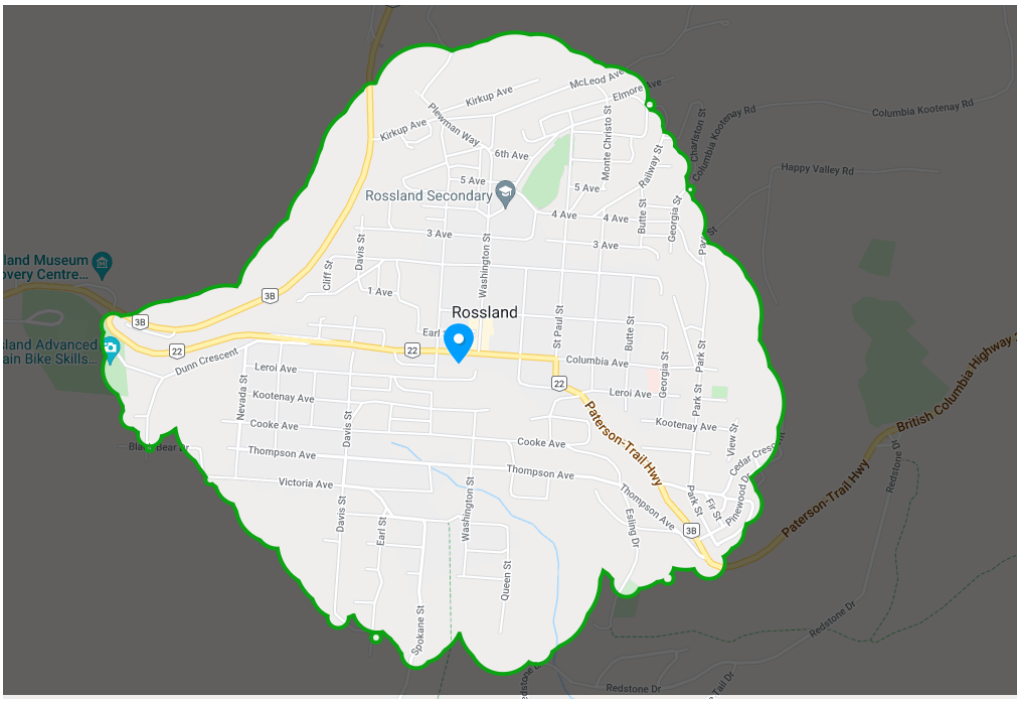


Figure 2-4 – Accessible Destinations within 15 minutes of Walking from Central Rossland[5]

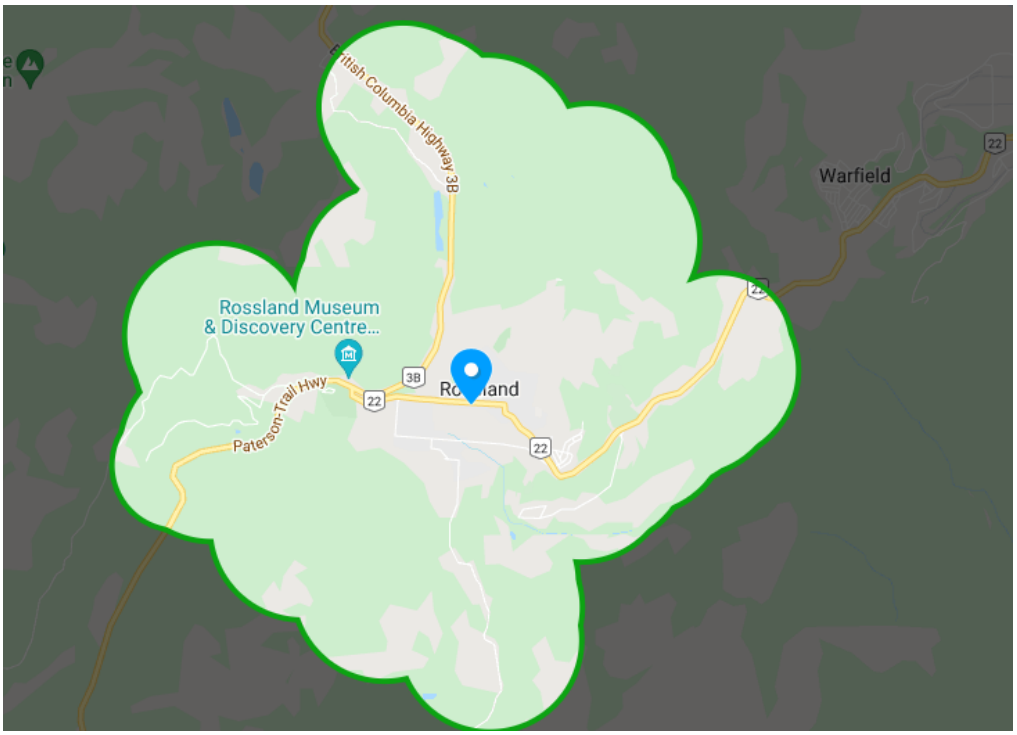


Figure 2-5 – Accessible Destinations within 15-minute Bike Ride of Central Rossland[6]

2.3.3 ICBC COLLISION DATA

The Insurance Corporation of British Columbia (ICBC) is a provincial crown corporation providing auto insurance, driver licensing, vehicle registration, road safety, and other products and services. ICBC provinces an online dashboard that summarizes crash data for each municipality in BC.

No crashes were reported for pedestrians and cyclists within the City of Rossland limits between 2016 and 2020 based on ICBC data.

Total crashes can be an indicator of locations where safety issues exist and may present a conflict for active transportation users. A review of total casualty and property damage collisions from 2016 – 2020 indicates the following intersections with collisions of five (5) or more:

- Highway 3B and Thompson Avenue
- Columbia Avenue and St Paul Street
- Columbia Avenue and Queen Street
- Columbia Avenue and Washington Street
- 6th Avenue & Plewman Way & Washington Street
- Highway 3B and Red Mountain Road

A series of collisions were also noted along the following corridors:

- Columbia Avenue from St Paul Street to Spokane Street
- Washington Street from Columba Avenue to Plewman Way/6th Avenue

Although additional studies are required to confirm safety recommendations for these locations, intersections and corridors noted above that intersect with existing or proposed active transportation routes will require careful consideration.

2.3.4 TRAFFIC CALMING DATA

Speeding concerns were raised for the school zone on Washington Street between Jubilee and Plewman and along Thompson Avenue. Speed data was collected and reviewed for these corridors in the 2021 City of Rossland Council Report Traffic Analysis Washington School Zone and Thompson Ave. Dynamic signage was introduced on these roads to improve speed compliance. Speed reductions were observed on all streets. **Table 2.3-1** provides a summary of speed data along these routes and the reduction in vehicle speed when dynamic signage was introduced. While dynamic speed signage was effective, long-term traffic calming may be required on this corridor.

For consideration with the ATP, any proposed active transportation facilities on Thompson Avenue should be separated from motor vehicle traffic to address safety concerns. Intersection safety improvements may be required at Washington Street and Plewman despite the decrease in traffic speed as it is also a location with high number of crashes.

[8] City of Rossland (2022). Rossland Parcel Viewer, accessed March 2022, https://www.arcgis.com/apps/View/index.html?appid=cd84f30b724d42ba9dfaa07e372eabd5

[5,6] WalkScore (2022). Walk Score Travel Time Map, accessed March 2022, https://www.walkscore.com/score/rossland-british-columbia

Table 2.3-1 – Summary of Speed Data

ROADWAY	INITIAL SPEED	REDUCED SPEED	CHANGE IN SPEED
Washington Street at Jubilee	39.2 km/h	34.0 km/h	15% decrease
Washington Street at Plewman	40.5 km/h	36.4 km/h	11% decrease
Thompson Avenue (2300 Block)	71.4 km/h	43.6 km/h	39% decrease
Thompson Avenue at Washington	68.1 km/h	37.3 km/h	45% decrease

2.4 CURRENT PLANS

A review of the existing policies and plans were completed to inform updates to the Official Community Plan (OCP). The existing OCP (2008), Active Transportation Network Plan (2009) and Asset Management Investment Plan (2017) were reviewed. Sections below summarize findings in these reports as it relates to active transportation.

OFFICIAL COMMUNITY PLAN (2008)

The City of Rossland's current OCP was developed in 2008 and is intended to guide long-term growth and development. Objectives described in the plan for trails focus on maintaining and expanding the trail network through the community to serve the needs of residents and visitors. Other transportation objectives place a strong emphasis on reducing the reliance of private vehicles through alternatives such as walking, biking or using transit.

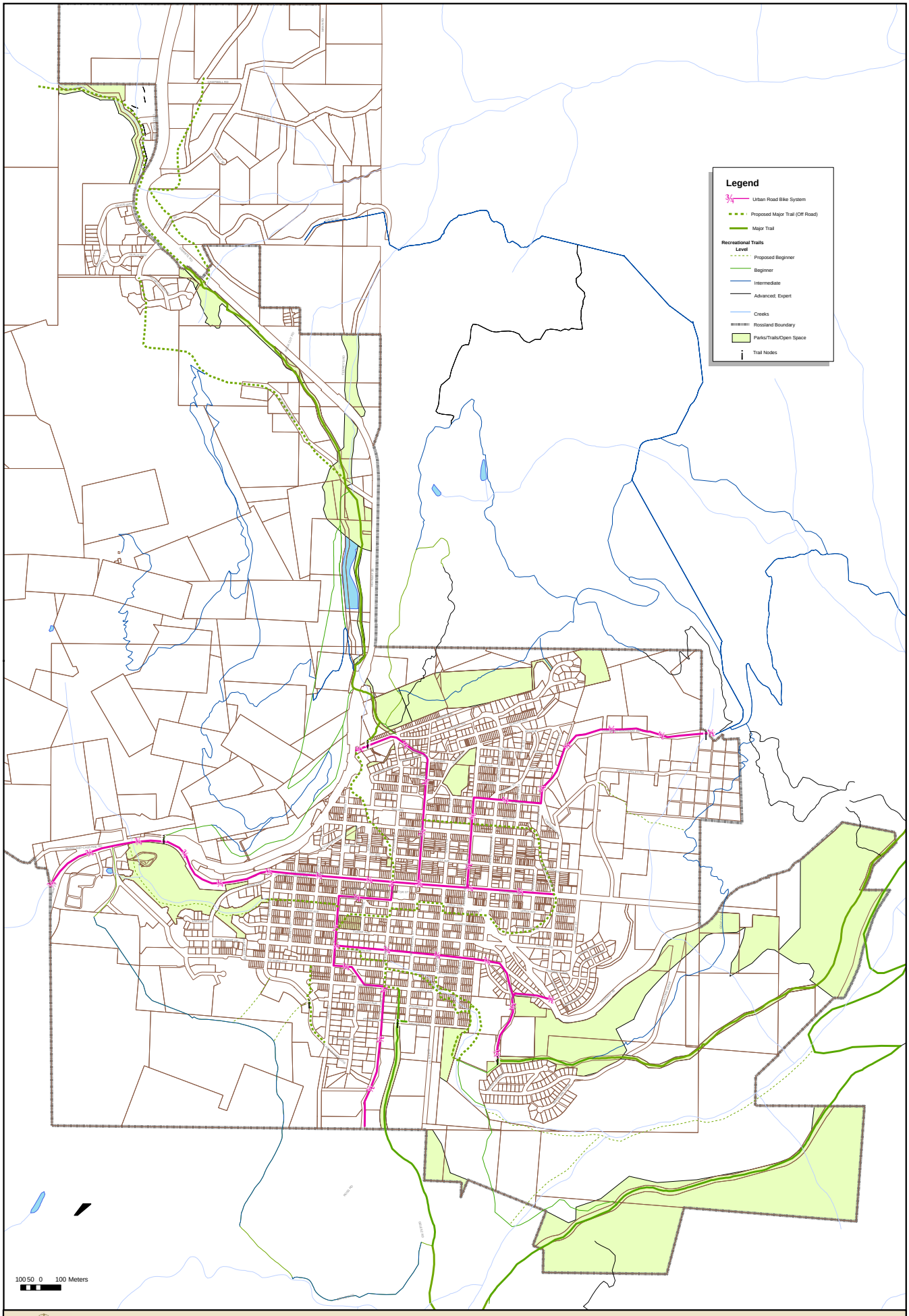
Policies identify specific trail and bike connections, specify leveraging the existing trail system, working collaboratively with partners to maintain and expand the trail network and providing supporting facilities such as bike racks. The current trails map indicates proposed bike and trail facilities as shown in **Figure 2.4-1**. The existing OCP emphasizes trail connectivity to serve recreational trips throughout Rossland for residents and visitors. This approach leverages existing connections to provide access to many of Rossland's key destinations. A gap within the existing OCP includes a discussion of dedicated cycling network facilities, supporting commute trips and accessibility. Due to the geographic context of Rossland, grade presents a significant barrier to many active transportation users. Although the increasing adoption of e-bikes reduces the barriers to active transportation, many existing trails are narrow and may result in conflicts between different users. Many existing trails are unpaved which can present a barrier to people with limited mobility.

The expansion of the trail network and construction of active transportation corridors is limited by available funding. In order to create a pedestrian friendly City and facilitate active transportation use, the City may need to concentrate investment in a limited number of corridors. Regional coordination and investment is also required to address regional connections. E-bikes provide an opportunity to increase use of active transportation but also introduces conflicts and safety implications with other active transportation users.

BOUNDARY RECREATIONAL TRAILS MASTER PLAN (2018)

The Boundary Recreational Trails Master Plan is currently under development by the Regional District of Kootenay Boundary (RDKB). The Master Plan is intended to support successful management of trails for recreational opportunities and, is intended to identify economic, cultural and societal benefits of developing such a plan. The plan will identify short-, medium- and long-term plans for the maintenance and development of recreational trails throughout Boundary.[7]

[7] Boundary Recreational Trails Master Plan, Phase 1 – Analysis and Review, Regional District of Kootenay Boundary, January 2018, Page 1



Schedule C
Trails Map

Rossland Official Community Plan

ACTIVE TRANSPORTATION NETWORK PLAN (2009)

The City of Rossland's current Active Transportation Plan was developed in 2009 and provides a detailed breakdown of existing trails within the City. The report also suggests improvements to be made based on current active transportation plans and policies and, is intended to guide the City based on available funding. A few additional actions were outlined in the Implementation Strategy of the report including:

1) Consideration of Active Transportation objectives should be incorporated into all planning and development processes; and,
2) Developing policies to address the issues of unused alleys and on street parking.
3) Funicular railway from bottom to top of town.

Other priorities include:

1) Maintaining existing infrastructure;
2) Obtaining legal access across private lands; and,
3) Community education and engagement.

A summary of trails that were noted as high priority are listed below.

Table 2.4-1 – High Priority Trails per ATNP 2009

ROUTE	RECOMMENDATIONS	IMPLEMENTATION STATUS
1 – Miners Hall - Nevada	Potential new route from the termination of the pavement on Columbia as it heads west past the miner's hall, down onto the Columbia/Le Roi Alley	Implemented –Lower Columbia Trail
2 – Pinewood - Downtown	Opportunity to create a potential new trail connecting the Pinewood neighborhood and Columbia Ave	Implemented - View Street Trail
3 – Centennial Trail	Providing a dedicated trail corridor of appropriate specs along the trail's entire length is a prerequisite for pacing the entire length of the trial, which may be appropriate as the Red mountain base area develops	Implemented - Centennial Trail
4 – Nevada – Mining Museum	Potential new route linking Nevada St through Centennial park and the Mining Museum	Implemented - Dun Cres Trail and Museum Connector
5 – Lower Rossland Sidewalks	Le Roi Ave, Davis Street, and Thompson Ave provide a moderately angled access route from Lower Rossland to Downtown, for both vehicles and pedestrians. Recommendation is to install dedicated pedestrian sidewalks on these roads.	In Progress - A Multi-Use Pathway has been constructed along Le Roi Avenue and partially along Davis Street. These segments account for 9c (Le Roi) and 9b (Davis) as part of the 2009 AT plan.
6 – St. Paul Sidewalk	Identified as a major AT route into downtown and to schools for residents in the adjacent neighborhoods. Recommendation to install sidewalk on east side of the street from Columbia Ave to 7 Ave.	Partially Complete – There is existing sidewalk on St Paul Street from Columbia Avenuw to 1st Avenue. Per the 2009 AT plan, sidewalk should be installed along the east side of St. Paul from 1st Avenue to 7th Avenue.

7 – Centre Star Gulch	Potential to connect Downtown with upper Rossland and the Centennial Trailhead.	Implemented - Centre Star Gulch Trail
8 – Columbia Ave Sidewalk	Recommendation to install sidewalk on the north side of Columbia Ave from Part Street to Monte Christo Street.	Not Implemented – This should remain high priority and has been identified in the updated AT plan

ASSET MANAGEMENT INVESTMENT PLAN (2017)

The 2017 Asset Management Investment Plan for the City of Rossland provides a life cycle assessment of all existing infrastructure currently maintained by the City. Most notable to this report are recommendations on when existing sidewalks, bike lanes and crossings for both pedestrians and cyclists should be repaired. Although, the report does not breakdown specific location of infrastructure to be prioritized, it does summarize which budget years each area should be of focus.

In summary, 2017 and 2020 include most of the sidewalk repairs. Therefore, it is assumed that the existing sidewalk network is newly replaced infrastructure and will not need maintenance soon. To note, there is no indication of when bike lanes and crossings are to be accounted for and is most likely due to Rossland not having dedicated bike infrastructure the time of this report.

2.4.1 RELEVANT POLICIES

Table 2.4-2 summarizes relevant visions, objectives, and policies that inform the update to the City's Active Transportation Network. Some policies from the existing OCP have not been carried forward as they have been completed or the action requires further review.

Table 2.4-2 – Relevant Policies from Local Policy Documents

POLICY DOCUMENT

Official Community Plan (2008)	Trails: - Support the establishment of pedestrian linkages beneath/over/across Highway 3B for year-round access between: • The Red Mountain Base area and the Blackjack Cross Country Ski Club; • The lower Rossland Happy Valley Area and the Redstone Golf Course area, with the specific intent on establishing a connection to link the historic Rossland cemetery with the historic Wagon Road. • Pinewood neighbourhood area and lower Rossland. - Continue working with and supporting local trail user groups to create and maintain a comprehensive trail inventory. - Seek easements on private land parcels that currently host trails wherever possible. - Identify and secure pedestrian corridors between neighbourhoods and amenities in town, and between town and the resorts, and between the town and the trail system. - Ensure trail connectivity is maintained when new areas are developed in Rossland or across municipal boundaries - Work with other user groups and other agencies to explore multi use corridors in Rossland to avoid user conflicts - Explore ways to restore the old Railgrade through town. - Support the development of informational brochures to highlight the linkages within settled areas of Rossland - Support collaboration with the region's municipalities to identify and develop offroad pedestrian/cycling routes, specifically a Rossland to Nelson route via Salmo and Castlegar and to Christina Lake via the Old Cascade Highway. Transportation: - Through an expanded utilization of developed and non-developed local right of-ways, encourage the further development of a trail network that allows alternate methods of transportation such as walking, biking and skiing to become more predominant - Identify and secure pedestrian corridors between neighbourhoods in town and between town and the resorts. The quality of pedestrian areas directly affects the overall image of a place, the quality of experience and the propensity for people to walk rather than drive. Recognizing this, efforts will be directed to such measures as: • Reducing travel lane widths; • Reducing street crossing distances; • Off-road (but possibly on boulevard) pathways for cyclists and pedestrians; • Provision of pedestrian-scale lighting; • Soft and hard landscaping accents; and, • Street furniture. This pedestrian-friendly design can be achieved where possible through capital improvement projects, capital works projects, new development and/or substantial renovation to existing buildings. - The provision of end-of-trip facilities for cycling, such as appropriately designed and located bicycle racks, is encouraged.

	- Encourage formalizing the informal trail system linkages within the settled areas. - Explore the opportunity to develop a funicular tram from lower Rossland to downtown and a lift linking Rossland to Red Mountain. - Consider implementing traffic calming techniques to reduce and/or control speeds. - Support the development of a safe, efficient, non-highway bike/e-bike commuter route between Rossland, Warfield, Trail and Fruitvale for the benefit of both residents and visitors.
Boundary Recreational Trails Master Plan (2018)	- Currently under development.
Active Transportation Network Plan (2009)	- Increasing the width of the sidewalk and encouraging slow speed bicycle traffic on it - Changing the parking configuration from diagonal to parallel along Columbia Ave - Lowering the speed limit from 60 km/h to 40 km/h along Columbia Ave - A downtown that encourages bike and pedestrian traffic would include bump-outs and well-marked crossings - Installation of bike rakes at public institutions and other major destinations - Dedicated pedestrian sidewalk on Thompson Avenue and McLeod Avenue - A walking and running loop trail around the perimeter of Jubilee Park - A thorough physical assessment of the existing Active Transportation infrastructure, and review of the maintenance and upgrading schedules should be completed.
Asset Management Investment Plan (2017)	- No objectives/policies apply to the AT Network review currently. Existing infrastructure to invest in has already been implemented.

2.5 WHAT WE HEARD – 2021 OCP PUBLIC ENGAGEMENT

Public Engagement activities were completed as part of the process to update the Official Community Plan. WSP collated and organized public responses from the Phase 3 engagement activities that included a MetroQuest Online Survey. Responses classified as transportation, safety and accessibility or wishlist were reviewed. The surveys responses were categorized into the following four areas:

1) Gaps in the Existing Network;
2) Usability of Current Facilities; and,
3) Other Barriers.

The below sections summarize what was heard. Appendix A includes the full responses collected from the survey.

GAPS IN THE EXISTING NETWORK

Several gaps were identified through the engagement results. The most frequent responses indicated a need to address pedestrian and cyclist gaps on Thompson Avenue, bicycle gaps on Columbia Avenue and providing a connection between Downtown Rossland and the Museum. A summary of responses is provided below.

- Downtown Rossland to the Museum;
- Bike lanes along major streets such as, Columbia Ave;
- Trail connecting Centennial trail to Gibbard's;
- Connection from Rossland to Redstone and to Trail;
- Connector trail from south of Red Mountain Road to Centennial Trail,
- Adequate connection from Pinewood to existing trails which lead to Downtown Rossland;
- Formalizing trails such as, the route along Victoria Ave between Spokane Street and Washington Street;
- Greater transportation connection to Redstone area year-round;
- New connection between Lion's Campground to west side of Red Mountain;
- Improved connection between Davis St and Drake's Trail;
- Abrupt ending to trail from Columbia to Leroy into traffic;
- Sidewalks on Redstone, Davis street (lower Rossland);
- Commuter route connecting through Esling Drive to Wagon Road toward Warfield; and,
- Dedicated pedestrian and cycling infrastructure on Thompson Avenue.

USABILITY OF CURRENT FACILITIES

Responses ranged from the identification of specific trails that required improvement to general concerns regarding amenities. Recurring responses indicated that the accessibility of Centennial Trail, Railgrade and Wagon Road required improvement. A summary of responses is provided below.

- Address accessibility and level of difficulty currently seen on the Museum Trail connecting to the Centennial Trail; and,
- Improve bike amenities such as wash areas, tire pressure and air could be installed at popular trail heads.
- Consider accessibility for all users, particularly seniors. Review access throughout upper and lower Rossland.
- Improving pedestrian space on Washington between Columbia and 1st Avenue; and,
- Pave Centennial Trail, Wagon Road, and Rail Grade

The Metroquest results were plotted spatially and separated between walking and cycling feedback. The density of data points indicates an area of concern within the city. **Figure 2.5-1** shows walking feedback and **Figure 2.5-2** shows cycling feedback. The following observations were noted for the pedestrian network:

- Pedestrian pathways required to connect Jubilee Park, Centennial trail parking lot to multi-use-path on Plewman Way and to connect the Museum.
- Pedestrian safety improvement or crosswalk required along Columbia Avenue between St Paul Street and Spokane Street.
- Pedestrian accessibility improvements required throughout Downtown Rossland.

The following observations were noted for the cycling network:

- Bicycle pathways or lanes required between Downtown and the Museum, Redstone area and along Thompson Avenue.

- Bicycle safety improvements in Downtown along Columbia Avenue and across Highway 3B and Highway 22.

OTHER BARRIERS

- Upgrade to trailhead signage.
- Update trail maps.
- Crossing improvements at several locations to address safety concerns.
- Tunnel connecting Centennial to Blackjack Ski Area.
- The need for more bike racks and in particular sheltered bike racks for fat bikes.
- Charging stations in Downtown Rossland and Red Mountain.
- E-bike program and regulations; need to identify speeds and which routes are e-bike friendly i.e., Centennial; Wagon Road, Downtown Rossland to hill (Red Mountain)

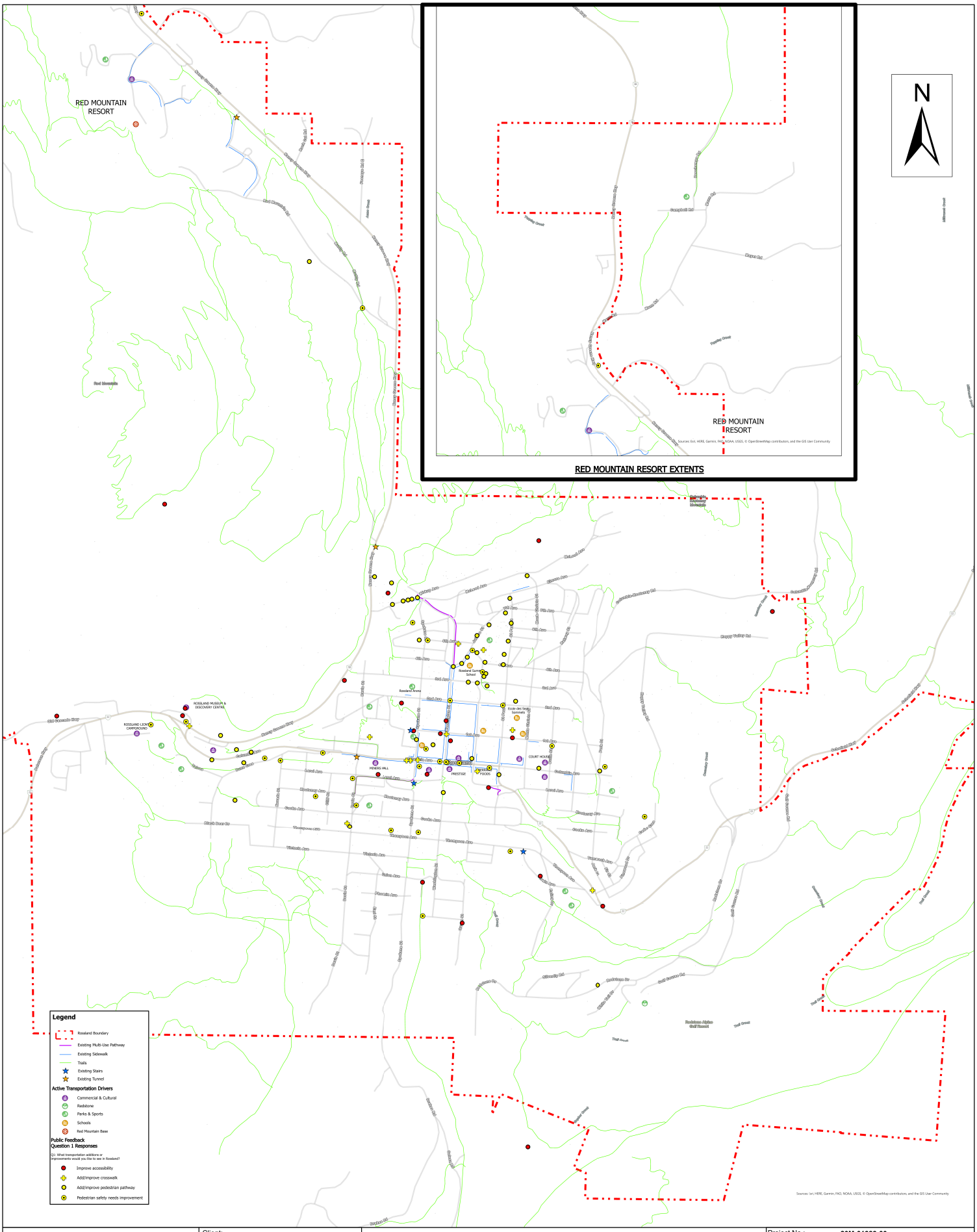
Public engagement results highlight concerns both from a safety and accessibility standpoint regarding existing active transportation infrastructure. **Figure 3.5-1** highlights these key areas. The engagement results for other barriers fall into the broad categories of safety and accessibility as outlined below:

Safety:

- Crosswalk concerns such as, location of the crosswalk and it's impact on the safety of users.
    - For example, multiple engagement results noted an unsafe location of the crosswalk at Columbia Avenue and Spokane Street.
- Sightline issues related to vehicles not noticing crosswalks and active transportation users creating a safety concern.
- Traffic volume concerns in areas that experience high active transportation usage; and,
- Vehicles speeding in areas that experience high active transportation usage.
    - Engagement results note traffic calming and implementation of active transportation facilities to allow for all users and mitigate speed traffic along Thompson Avenue

Accessibility:

- Trail upgrades to allow them to be used by all users and accessibilities.
    - For example, the LeRoi Hollow trail connecting Washington Street to Kootenay Avenue was noted as a potential upgraded from gravel to enhance use from Lower Rossland for pedestrians and bikes.
- Improving signage along trails to ensure people know which routes to take / where to go



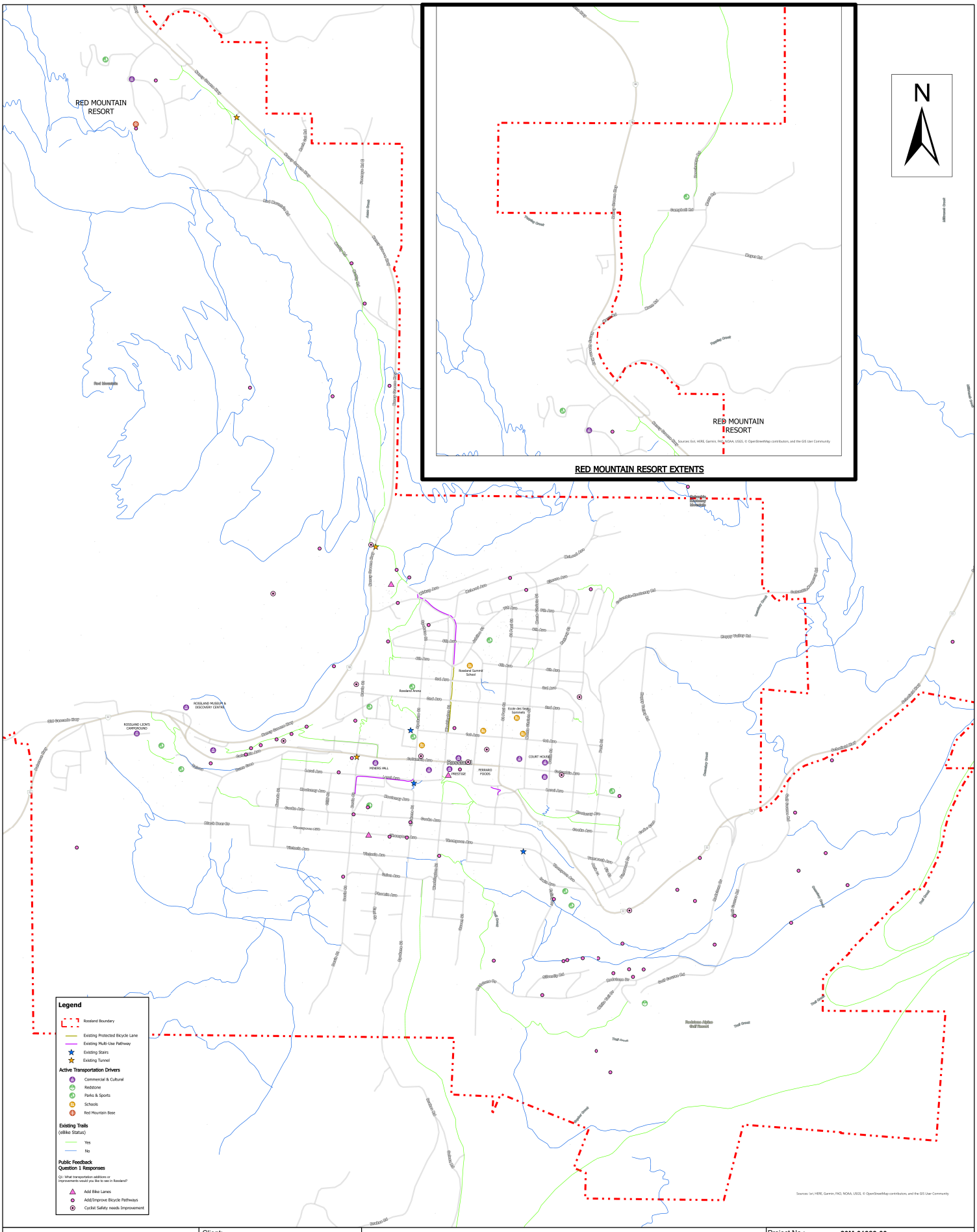
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Active Transportation Network Update

Walking Engagement Results

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Active Transportation Network Update

Cycling Engagement Results

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Date:	2022-04-05 11:45 AM
Scale:	0 115 230 460 Meters
Figure No.:	Figure 2.5-2

3 DEVELOPING THE NETWORK

3.1 STRENGTHS AND CHALLENGES

The City's existing network and policies form a strong foundation for active transportation use. Since the adoption of the Active Transportation Plan (2009), the City has made progress in implementing active transportation infrastructure. The combined City and KCTS bike and trail system has enabled access throughout Rossland that supports people walking, rolling and biking as evidenced in the City's journey to work mode share. Rossland's major destinations are located downtown within a compact geographic area that supports walking and biking trips. The City's low volume and low speed road network is also supportive of active transportation use.

Rossland's terrain presents a challenge to active transportation with steep grades that may be a barrier to some active transportation users. In addition, the condition of existing trails (unpaved) was identified as a barrier to accessibility for users with restricted mobility. The engagement results indicated many locations for potential pedestrian and cycling infrastructure connections.

Highways 3B and Highway 22 are barriers to connecting Lower Rossland to Upper Rossland, Downtown to the Museum, Downtown to Red Mountain and Red Mountain to the Black Jack Ski area. Engagement results and collision data indicates some existing issues for both pedestrian and cyclists in terms of safety and connectivity on Columbia Avenue. Maintaining year-round access to existing connections across the Highway such as at Davis Street and Centennial Trail across Highway 3B and creating new connections are key to improving active transportation connectivity throughout Rossland.

3.2 GOAL

Based on the public engagement results, review of existing policy documents and discussions with the City, the following goal was identified for the active transportation network:

Establish an implementable active transportation network that reflects Rossland's community context and improves the accessibility and safety of the built environment to enhance active living and mobility for all.

3.3 OBJECTIVES

To support the broad goal statement, a series of more detailed objectives have been created based on the City's existing policy directives and feedback received throughout the development of the active transportation plan. The goal and objectives identified here inform the network development.

- Improve Accessibility:
  - Create a network for all ages and abilities that reflects the unique user groups of Rossland including commuters, recreational users, and tourists.
  - Consider the implication of e-bike adoption and it's increasing use in the development of the active transportation network.
  - Establish a higher order cycle spine network through Rossland.
- Connect destinations:
  - Encourage active transportation by creating a convenient and accessible active transportation network that connects downtown, community services and residential neighbourhoods and other key destinations such as: Red Mountain, Black Jack Ski Area and regional trails.
- Build on Rossland's strong foundation:
  - Identify policies and networks that encourage the use of active transportation modes for recreation and commute trips to reduce the reliance of single occupant vehicles.
  - Utilize the existing trail systems to create an overall connected network.

    - Reflect public engagement feedback in routes and alignments where feasible.
- Enhance Safety:
    - Enhance the safety of all users through improvements to the active transportation network in alignment with the BC Active Transportation Guide (2019).
    - Address safety concerns as identified through ICBC Crash Data and public engagement results.
- Cost Effective
    - Prioritize infrastructure in alignment with capital cost constraints.
    - Consider cost-effective infrastructure solutions where there are constraints such as road right-of-way, drainage or grade.

3.4 NETWORK GAPS AND MISSING LINKS

The goal and objectives of the active transportation network and public engagement feedback inform the identification of network gaps and missing links. A key first step to developing the network includes determining key destinations or generators for active transportation modes and identifying where connections are missing. Destinations or generators were defined as follows:

- Downtown core – as defined in the OCP;
- Red Mountain;
- Schools or parks;
- Commercial or retail uses such as restaurants;
- Community or tourist destinations such as the Rossland Museum & Discovery Centre, City Hall, Public Library and Arena;
- Major Trail Heads; and,
- Bus stops.

The destinations or generators were overlayed with existing infrastructure to confirm locations of missing links. The following principles were applied in the identification of missing links based on the objectives, engagement results and best practice:

- Sidewalk on both sides of the road within the downtown core.
- Pedestrian connection on a minimum of one side of the road to all other destinations where no trail connection exists.
- Cross town bike connections to key destinations such as Red Mountain, Jubilee Park, Downtown Core and Museum.
- Reflect on-going projects such as the Green Link initiative and Centennial Trail extension by the City of Rossland.
- Pedestrian and bicycle connections on high-volume or high-speed roads based on the City's road classification.
- Include connections identified in the Active Transportation Plan (2009) where they provide connections to destinations or existing infrastructure and are accessible (reasonable grade).
- Multiple engagement results indicated that infrastructure was required.
- Align with high use corridors based on STRAVA data.

Missing links fell into four categories: missing sidewalks, missing primary active transportation route and secondary active transportation route. Active transportation route refers to an alignment that requires bike or bike and walk connections. Missing links form candidate routes that were further reviewed through desktop analysis as described

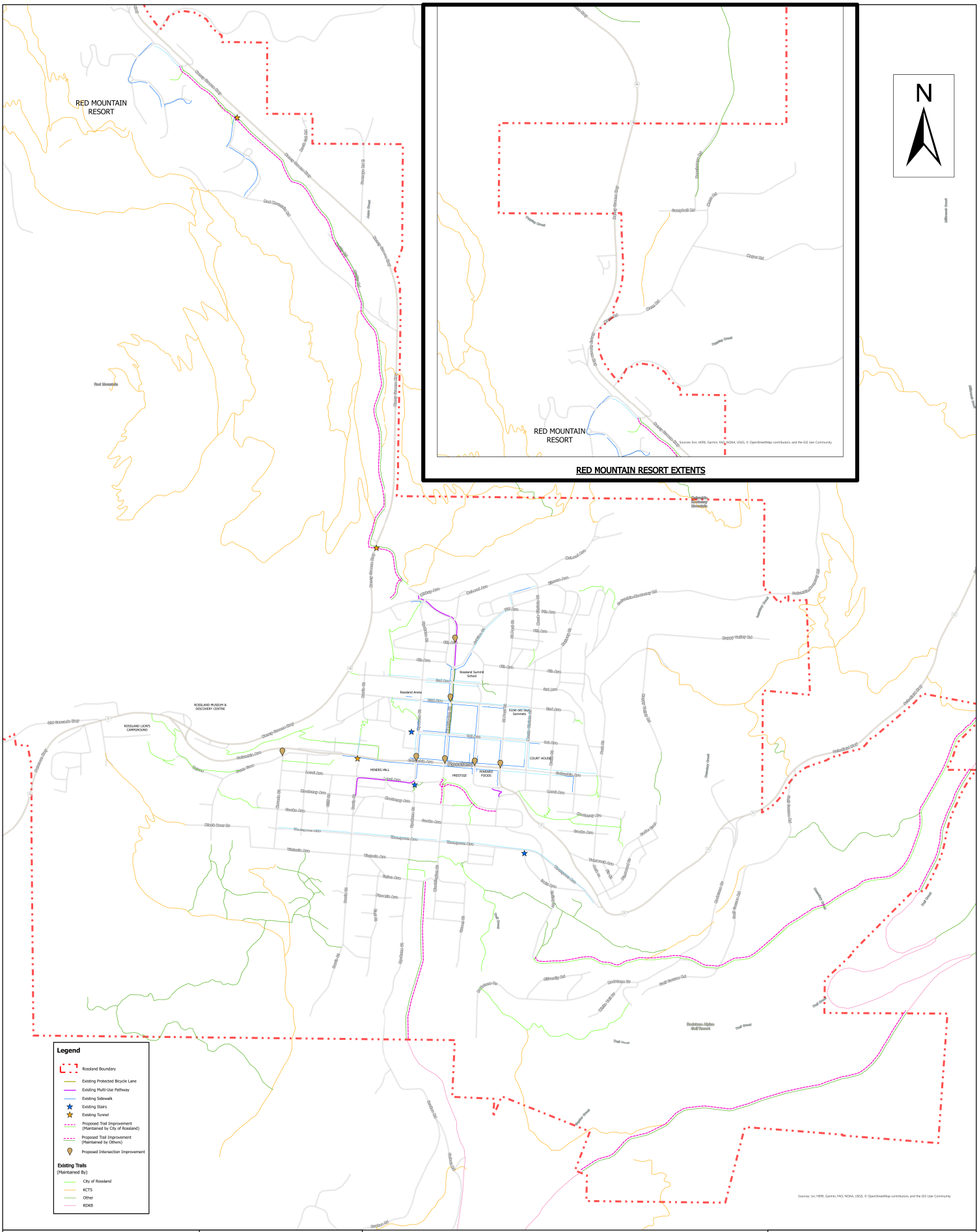
in Section 4 to confirm the proposed network. Conceptual connections were also identified where the alignment could not be confirmed to link key destinations or neighbourhoods.

3.5 SAFETY OR ACCESSIBLITY IMPROVEMENTS

To encourage active transportation use, users must feel safe using facilities and travelling throughout the network. Facilities should be designed to serve all ages and abilities and intersections should reflect treatments that mitigate conflicts and promote safety for all modes. The risk of severe or fatal crashes can decrease with these treatments.

Based on what was heard from the public engagement results, the following recommendations are being proposed.

- Complete a safety review and enhance crossings in consultation with MOTI at the following locations on Columbia Avenue:
    - Spokane Street
    - Washington Street
    - Queen Street
    - St Paul Street
- Evaluate opportunities to enhance crossings at:
    - Washington Street and 2 Avenue
    - Washington Street and 5 Avenue
- Explore opportunities to pave and widen existing trails including:
    - Railgrade
    - Wagon Road
    - Centennial Trail



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Active Transportation Network Update

Proposed Improvements Map

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Figure No.:	Figure 3.5-1

4 CANDIDATE ROUTE REVIEW

Missing links identified in **Section 3.4** form candidate routes for the Active Transportation Network. To confirm the network, a desktop analysis was completed to assess the viability of each route. Maps and satellite imagery provided from the City and Google Maps was used to complete this analysis.

4.1 OBSERVATIONS

Candidate routes were reviewed to determine if each alignment met the plan objectives of improving accessibility, enhancing safety and being cost-effective. This review included the following observations:

- Available road width and road right-of-way (based of visual observations and use of the measurement tool)
- Intersections or access frequency (based on observation for number of driveways or intersections)
- Street function and design (i.e. lane widths, presence of on-street parking)
- Surrounding land uses (i.e. proximity of major trip generators, including businesses, schools, community centers, parks, natural barriers etc.)
- Presence of informal active transportation facilities (i.e. desire lines, vegetation clearing)
- Safety concerns (i.e. volume of vehicles based on road classifications, poor site lines etc.).
- Grade (based on Google Streetview)

Some candidate route alignments were adjusted based on this review and in consultation with the City. **Figure 4.2-7** shows the proposed candidate routes. Facility types were also determined through this process.

4.2 FACILITY SELECTION

A majority of the City's roads are narrow, rural roads with posted speed limit of 30 km/h and low volume of vehicles that is supportive of active transportation modes. Candidate routes may require additional treatments because of corridor characteristics such as speed, volume of vehicles or grade. Each candidate route was assigned a facility type using the information collected in the desktop analysis and based on the design guidance included in the BC Active Transportation Guide (2019). Facility types identified at this stage are conceptual only and should be refined at the design stage.

Six primary facility types have been identified for the City of Rossland:

1. Protected Bicycle Lane or Multi-Use Pathway: applies to the primary active transportation route and refers to a physically separated facility from motor vehicles by vertical and/or horizontal elements that is typically paved and exclusive to active transportation users. Protected Bicycle Lanes serve bicycle use and other forms of active transportation (such as in-line skating, using kick scooters, and skateboarding, where permitted). Multi-Use Pathways are shared between people walking, cycling, and using other forms of active transportation. These facilities are appropriate for all ages and abilities as they provide separation from motor vehicle traffic and are typically applied on routes with high-use.



Figure 4-1 – Protected Bicycle Lane or Multi-Use Pathway[8][9]

The City of Rossland currently has a Protected Bicycle Lane on Washington Street from 1st Avenue to Jubilee Street and a Multi-Use Pathway on Washington Street from Jubilee Street to McLeod Avenue.

2. Bike Lane: painted or buffered bike lanes are on-street bike facilities are exclusively for bicycle use. While these facilities do not provide vertical separation from motor vehicle traffic, they do delineate the bicycle space. Considerations for bike lane application include the number of accesses, presence of sidewalk, curb and gutter.



Figure 4-2 – Painted On-Street Buffered Bike Lane [10]

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[8] City of Rossland (2022). Rossland Parcel Viewer, accessed March 2022, https://www.arcgis.com/apps/View/index.html?appid=cd84f30b724d42ba9dfaa07e372eabd5

[9] Ed Pullman (2014). Widening the Galloping Goose Trail, accessed March 2022, https://gvcc.bc.ca/widening-the-galloping-goose-trail/

[10] Province of British Columbia (2022). Buffered Bike Lanes Make Cyclist Commuting a Joyride, accessed March 2022: https://www.tranbc.ca/2011/08/04/buffered-bike-lanes-make-cyclist-commuting-a-joyride/

3. Paved Shoulder: is identified on several secondary active transportation routes that serve pedestrians, cyclists, and other active modes. Paved shoulders refer to the paved spaces on the edge of rural roads outside of the vehicle travel lanes, but within the road right-of-way, that can be used by people cycling, walking and other active modes. Paved shoulders can include a painted buffer and vertical separation that separates active modes from motor vehicles.



Figure 4-3 – Paved Shoulder [11]

4. Neighbourhood Bikeway: are streets with low motor vehicle volumes and speeds which create conditions that are comfortable for people cycling to share the road with motor vehicles. Neighbourhood Bikeways include different levels of treatments that help to prioritize bicycles. Basic treatments might include bicycle route signage and pavement markings, along with intersection treatments at major corridors while more advanced treatments include traffic calming measures designed to reduce motor vehicle speeds, and traffic diversion measures designed to restrict motor vehicle access while maintaining full access for people walking and cycling. A majority of Rossland's neighbourhood bikeways are intended to apply the basic bicycle treatment enhancements.

[11] Parks Canada (2021). ʔapsčiik t̓ašii (pronounced ups-cheek ta-shee): The new multi-use pathway, accessed March 2022: https://www.pc.gc.ca/en/pn-np/bc/pacificrim/visit/visit5/visit8



Figure 4-4 – Neighbourhood Bikeway[12]

5. Sidewalk: pedestrian only facilities that may be separated by a furnishing zone (landscaped or hardscaped boulevard) or non-separated where it next to the roadway but is physically separated by a curb. Separated sidewalks are considered suitable for all ages and abilities. However, physical constraints such as road right-of-way width may limit opportunities for separated sidewalks. The BC Active Transportation Guide (2019) recommends sidewalks along roads with more than 2,000 motor vehicles per day or motor vehicle speeds over 30 km/h. Sidewalks have been identified within the downtown core and one side of roads where they connect key destinations.
6. Trails: many of Rossland's existing active transportation infrastructure falls within this category. Trails are unpaved pathways that accommodate pedestrians and cyclists. Unpaved pathways are inaccessible for certain user groups, including skateboarders and in-line skaters. They may also be more difficult to navigate for people cycling and people using mobility devices. Unpaved pathways are suitable where paving cost is a barrier to providing an active transportation facility.

[12] City of Nelson (2021). Grand Opening of the Fairview to Downtown Neighbourhood Bikeway!, accessed March 2022: https://www.nelson.ca/CivicAlerts.aspx?AID=611



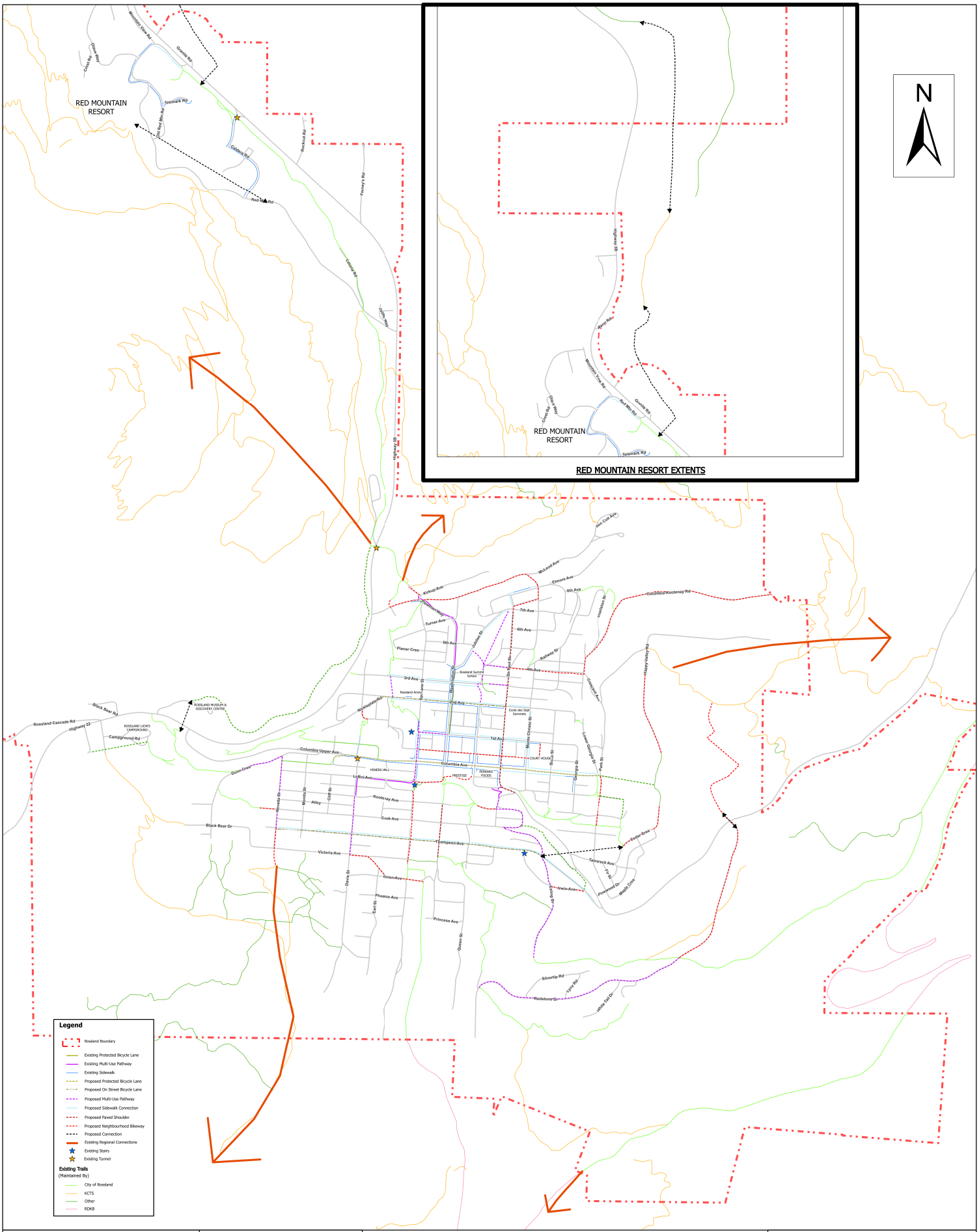
Figure 4-5 – Unpaved Trail

A summary of the total kilometres of proposed infrastructure is provided in **Table 4.2-1**. **Figure 4.2-7** illustrates the proposed long-term active transportation network.

Table 4.2-1 – Summary of Proposed Active Transportation Facilities

FACILITY TYPE	EXISTING TOTAL KILOMETRES (KM)	PROPOSED TOTAL (KM)	TOTAL (KM)
Sidewalks	5.3	4.8	10.1
Protected Bike Lane or Multi-Use Pathway	1.02	5.4	6.4
On-Street Bike Lane	0	1.74	1.74
Paved Shoulder	0	1.09	1.09
Neighbourhood Bikeway	0	6.9	6.90
Off-street Trails (City Managed)	13	2.6	15.6

Off-street Trails (KCTS Managed)	41		41
Off-street Trails (GIS labelled as “Other”)	20		20
Total	80.32	22.5	102.8



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Active Transportation Network Update

Proposed Active Transportation Network with Facility Types

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Figure No.:	Figure 4.2-7

5 RECOMMENDED OCP POLICIES AND OBJECTIVES

A review of the existing OCP policies were completed to ensure alignment with the updated active transportation network plan. The following policies are recommended based on public engagement feedbacks, study findings and best practices.

Expand the Active Transportation Network:

1. Adopt the Active Transportation Network Plan as outlined in **Figure 4.2-7** to accommodate the movement of pedestrians, cyclists and other active transportation users. Implementation of these network elements shall take place in a phased manner as necessitated by growth.
2. Enhance the viability of walking, cycling and other active transportation modes by improving existing routes, expanding and addressing gaps in the Active transportation Networks identified in **Figure 3.5-1**.
3. Establish a primary active transportation route that is suitable for all ages and abilities and connects Red Mountain, the Downtown core, Museum and Warfield (through the Green Link)
4. Implement the Green link and promote the use of the Green Link as a safe, efficient, non-highway bike/e-bike commuter route between Rossland, Warfield, Trail and Fruitvale and expand to RDCK, Castelgar and Salmo for the benefit of both residents and visitors.
5. Ensure active transportation connectivity is maintained when new areas are developed in Rossland or across municipal boundaries. Establish a requirement to provide active mode accommodation with all new development through subdivision and development standards.
6. Explore opportunities for public access easements on existing trails to maintain connectivity to key destinations such as the Museum Trail.
7. Consider the impact of new mobility technologies such as e-bikes on the active transportation network and facility design.
8. Explore opportunities for pedestrian accommodation through rural road treatments and enhanced winter maintenance practices for priority connections where there are ROW or budget constraints.

Enhance the existing network to improve safety and accessibility:

1. Explore ways to restore the old Railgrade through town to provide active transportation connections.
2. Explore opportunities to upgrade existing trails including paving Railgrade, Centennial and Wagon Road trails to promote accessibility by all ages and abilities.
3. Resource and prioritize safety initiatives that include safety studies of collision locations involving people walking and cycling and improvements to intersections, crossings and traffic calming to encourage active transportation use.
4. Explore opportunities to establish an e-bike rebate program or established shared mobility services to improve accessibility
5. Ensure that pedestrian safety and accessibility is considered a key priority when making transportation decisions in the Downtown.

Implement the proposed Active Transportation Network

1. Enhance the viability of walking and cycling by improving existing routes, expanding and addressing gaps in the Active transportation Networks identified in the multi modal transportation plan in schedule X.
2. Establish funding sources to support walking, cycling, public transit, and other alternative transportation.

9. Develop an integrated infrastructure master plan that incorporates active transportation infrastructure and prioritizes locations for improvement. Establish a missing links sidewalk policy and capital budget to address gaps in the pedestrian network for priority connections. Where possible, provide sidewalks by requiring their construction or upgrades from developers.
10. Ensure all new plans, projects, and developments integrate with the active transportation network.
11. Resource and prioritize annual active transportation capital improvements for the City's active transportation Network.
12. Explore opportunities to implement shorter term active transportation facilities using temporary measures to encourage active transportation use and inform long term designs.
13. Improve bicycle and pedestrian infrastructure and safety during road maintenance and development construction activities.
14. Identify and secure active transportation corridors between neighbourhoods and amenities in town, and between town and the resorts, and between the town and the trail system, and between town and areas outside of City boundary.
15. Through an expanded utilization of developed and non-developed local right of-ways, encourage the further development of the active transportation network that allows alternate methods of transportation such as walking, biking, skiing, winter use, e-bikes and other modes of active transportation to become more predominant.
16. Enhance and expand the active transportation network through capital funding for upgrades, land acquisition, wayfinding, public art, safe street crossings, and by connecting existing infrastructure and establishing linkages in and through new neighbourhoods.

Improve maintenance practices:

1. Continue to apply the active transportation policy that addresses maintenance, both winter and summer, and multiple user groups (including ebikes) on the City's active transportation system.
2. Subject to Council's policies and operational directions, strive to maintain infrastructure for walking, cycling, and transit is well maintained, safe and usable for people of all ages and abilities throughout the year.
3. Design active transportation facilities to provide adequate drainage, snow storage and removal, and sand and gravel removal.Improve bicycle and pedestrian infrastructure and safety during road maintenance and development construction activities.
4. Explore ways to restore the old Railgrade through town to provide active transportation connections.

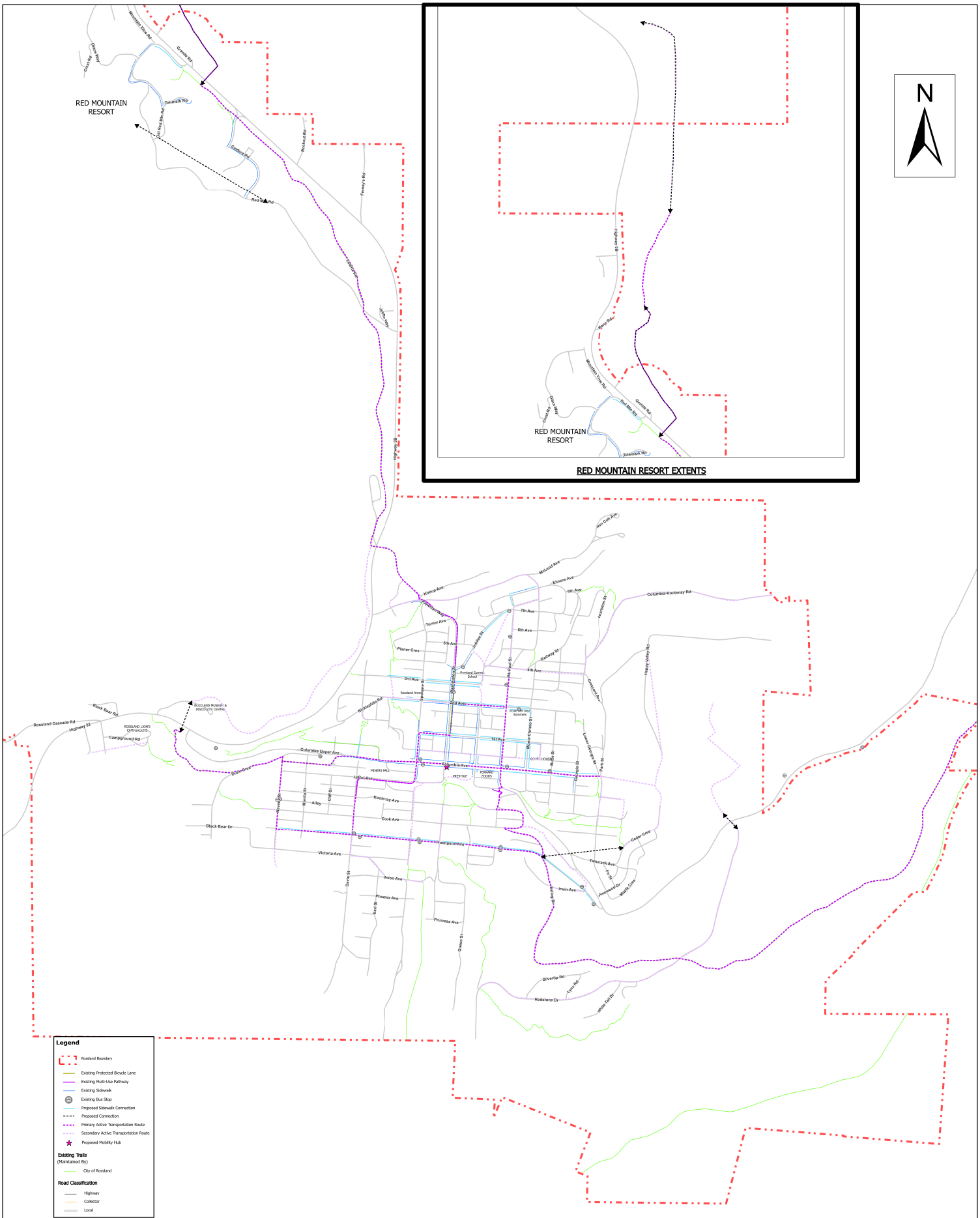
Enhance active transportation through supportive facilities and programs

1. Promote walking and biking to key destinations through social marketing programs such as safe routes to school and promotional materials. Work with partners to provide bicycle education and skills training for children, youth, and adults and promote active travel to work and school.
2. Support the development of informational brochures to highlight the linkages within settled areas of Rossland and improve signage for City trails. Provide convenient, safe and visible end-of-trip facilities for cycling, such as appropriately designed and located bicycle racks and lockers in key destinations such as downtown, Red Mountain, Museum, commercial areas, parks and schools.
3. Facilitate multi-modal trips by integrating the active transportation network with other modes of transportation, especially transit, by providing bike racks on buses, and safe and secure bicycle parking. Establish a mobility hub as shown on **Figure 4.3-1** to provide seamless transitions between modes.
4. Improve transit integration by providing direct and accessible walking and cycling connections to local transit stops.

5. Review and update the Rossland Signage Manual to address a Wayfinding Signage Strategy to include guidance for wayfinding for active transportation and add signage as new infrastructure is implemented.
6. The quality of pedestrian areas directly affects the overall image of a place, the quality of experience and the propensity for people to walk rather than drive. Recognizing this, efforts will be directed to such measures as:
    a. Reducing travel lane widths;
    b. Reducing street crossing distances;
    c. Designated facilities for cyclists and pedestrians;
    d. Provision of pedestrian-scale lighting;
    e. Soft and hard landscaping accents; and,Street furniture.

Collaborate with regional partners:

1. Explore opportunities with Ministry of Transportation and Infrastructure (MOTI) to protected bike lanes on Columbia Avenue/Highway 3B.
2. Support collaboration with neighbouring municipalities and Regional Districts to identify and develop off-road pedestrian/cycling routes linking the communities.
3. Collaborate with trail user groups to expand the trail network including the extension of Centennial Trail to the Black Jack Ski Area.
4. Explore opportunities with MOTI to provide active transportation crossings on Highway 3B and Highway 22 at the following locations:
    a. The Red Mountain Base area and the Blackjack Cross Country Ski Club
    b. The lower Rossland Happy Valley Area and the Redstone Golf Course area, with the specific intent on establishing a connection to link the historic Rossland cemetery with the historic Wagon Road
    c. Pinewood neighbourhood area and lower Rossland
    d. Rossland Lion's Campground to the Museum.
5. Explore opportunities with MOTI to enhance safety and crossings for all users at the following locations:
    a. Columbia Avenue and St. Paul Street
    b. Columbia Avenue and Washington Street
    c. Columbia Avenue and Spokane Street
6. Provide convenient, safe and visible end-of-trip facilities for cycling, such as appropriately designed and located bicycle racks and lockers in key destinations such as downtown, commercial areas, parks and schools.
7. Facilitate multi-modal trips by integrating the active transportation network with other modes of transportation, especially transit, by providing bike racks on buses, and safe and secure bicycle parking.



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Client: CITY OF ROSSLAND

Active Transportation Network Update

Proposed Active Transportation Network with Facility Types for OCP

Project No.:	20M-01383-00
Date:	2022-04-04 2:05 PM
Scale:	0 115 230 460 Meters
Figure No.:	Figure 4.3-1

6 CONCLUSION

The implementation of the preferred network and policies will encourage more people to walk, roll, cycle or use other modes of active transportation. To optimize the implementation of the plan, it is recommended that the City complete a review of asset conditions, capital budgets and availability of grants. Projects that align with asset replacement provide an opportunity to introduce active transportation infrastructure cost effectively. Other projects may require stand alone capital budgets.

The network plan represents a long-term vision for active transportation for the City. To encourage active transportation use and build buy-in, the City may consider pilot projects or installations that use low cost materials such as pavement markings and flexible bollards to implement active transportation infrastructure. This approach is often coupled with social marketing and public events that create momentum towards active transportation. As a result of the Covid 19 Pandemic, many municipalities are applying this approach as shown in the **Figure 6-1**.



Figure 6-1 Stanley Park Bike Lane[13]

To shift modes and encourage active transportation use, it is recommended that the City prioritizes the following infrastructure and actions in the short-term:

- Establish the primary active transportation route to connect Red Mountain, downtown and Warfield. This route serves commuters, recreational users and tourists and is partially built.

[13] Ben Nelms (2021). CBC. Vancouver Park Board to vote on divisive Stanley Park bike lane, accessed March 2022: https://www.cbc.ca/news/canada/british-columbia/vancouver-stanley-park-bike-lane-vote-1.5940549

- Prioritize missing sidewalk links within the downtown core and to bus stops to provide access to key services.
- Collaborate with MOTI on a safety review of Columbia Avenue intersections to improve pedestrian and cyclists connections.

While this list is not comprehensive, it reflects a starting point of the City to advance active transportation and build on it's reputation for sustainability.

APPENDIX

A PUBLIC ENGAGEMENT RESPONSES

Marker	Question1	Answer1	Question2	Answer2
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Pedestrian safety needs improvement		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway		
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Pedestrian safety needs improvement		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	Trucking on thompson from logging operations canbe a concern
Transportation	What transportation additions or improvements would you like to see in Rossland?	Improve accessibility	Additional Comments	Snow removal is slow on quiet streets and timingis given in window that are too large. The city should adopt a notification system for residents toknow when to expect snow removal and get cars off their streets.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	I think there should be bus service to the TrailHospital for the start and end of shifts. There are a lot of staff who live in Rossland. There is abus to Teck but it does not go on to the hospital. The bus ride for night shift works if you don'tmind getting there 50 minutes early. Day shift bus ride does not work at all.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Human/wildlife interaction	Additional Comments	I graduated from RSS in 1986. I do not ever recall bears in town. Just moved back and why are there so many bears? I worry this could end badly someday.
Wish List	What are your environment wish list items for the City?	Other		
Wish List	What are your environment wish list items for the City?	Tree planting		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add electric bike charging station		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Improve accessibility	Additional Comments	Resurrect potential for a lift from town to RedMountain area (and Rossland down to Warfield/Trail). Perhaps new funding sources for such an expensive generational legacy (but worthwhile) endeavour are now available due to efforts to boost tourism, reduce CO2 emissions, improve accessibility/transportation, and interconnect communities more effectively. We could stand out as an example of deploying a highly successful (and beautiful) mode oftransportation that has been utilized in Europe.
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	Local swimming hole (replace old downtown pool)
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Human/wildlife interaction		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Improve accessibility		
Wish List	What are your environment wish list items for the City?	Tree planting		
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	Drivers speeding when home owners are trying toaccess their vehicles when they have on street parking. A disaster waiting to happen.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	Widen and straighten, speed control other than those yellow cones. They have no effect on speeding. Add sidewalks and bike lanes as on Washington.
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	Street widening to accomodate on street parking,sidewalks and bike lanes. Speed bumps?
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add bike racks	Additional Comments	Put ebike rental stations at red, redstone and maintown so locals and tourists can commute and drop off at 3 locations. cut down on downtown parkingissues and edmissions
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add bike racks	Additional Comments	Put ebike rental stations at red, redstone and maintown so locals and tourists can commute and drop off at 3 locations. cut down on downtown parkingissues and emissions
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Transportation	What transportation additions or improvements would you like to see in Rossland?	Add bike racks	Additional Comments	Put ebike rental stations at red, redstone and maintown so locals and tourists can commute and drop off at 3 locations. cut down on downtown parkingissues and emissions
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	I have recently moved to Kamloops to attend university to become a Forester. I intend on moving back to Rossland ASAP, and would love to start a Community Forest Co-Op.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Human/wildlife interaction	Additional Comments	Compost + bears
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Accessibility challenge		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	emphasis on practical transit options to Red Resort- re assess the lift/gondola form town to base area?
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Cyclist safety needs improvement	Additional Comments	The city is spent a lot of time and money on putting in bike lanes on few routes in town, but bikes rarely use them and instead are frequently on the roadways. There needs to be incentive to use the bike lanes/ consequences for not (ie. Fines given by bylaw officer)
Transportation	What transportation additions or improvements would you like to see in Rossland?	Improve accessibility		
Wish List	What are your environment wish list items for the City?	Invasive weed removal	Additional Comments	Knapweed and Hoary alyssum are both invasive andeverywhere! Hoary alyssum is very toxic to several ungulate species.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve pedestrian pathway	Additional Comments	An off-highway marked trail from Red to Centennial would be great for tourists (like Creekside access to Whistler Village).
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	Truck traffic is often travelling through town too fast.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	Trucks are often Jake-braking from the Esso corner to downtown. They are travelling above the posted speed limit. Please lobby the Province for residential area signage from the gas station to town.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Pedestrian safety needs improvement	Additional Comments	Would be great to run a campaign to encourage folks to cross at crosswalks. It is all fine and good during the light hours in the summer... but canbe very dangerous in the winter with sleet and snow to see pedestrians crossing outside the marked zones.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	It would be great to see a 3-way stop sign at this intersection that traffic from Trail doesn't stop. We have *all* been in near misses at this intersection. It is bad.
Wish List	What are your environment wish list items for the City?	Tree planting	Additional Comments	Parking lot at centennial would go a long way with some trees!
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	bike commuting to Red mountain is growing and that is awesome. continue to support this with trail improvements for summer and winter. E-bike chargers wouldn't hurt at Red either.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Improving bike commuting to trail with a dedicated bike path is an awesome idea.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	Transportation is Rossland's largest source of emission and will require fast adoption of zero emission vehicles to meet climate targets. Look for opportunities to encourage, incent, and require EV charging infrastructure new and existing developments/homes.
Wish List	What are your environment wish list items for the City?	Green/natural stormwater solutions	Additional Comments	This is a great way to manage impacts of development as Rossland grows and planning should be done to make the best use of the multiple function green infrastructure can offer.
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	Buildings building heating and energy efficiencyshould be targeted for for improvement in both new and existing building to reduce community omissions and improve air quality. Aim for the higher levels of the BC energy step code as much as possible.

Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve pedestrian pathway		
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	One of the biggest factors to becoming carbon neutral is our buildings and their energy usage. A position should be created that solely focuses on energy efficiency and the transition plan
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Pedestrian safety needs improvement	Additional Comments	Main highway running through downtown with largetransport trucks always has me concerned. I would like to see a bypass one day so large trucks cannot travel down this route. Especially dangerous is walking across highway to museum, and corner turning onto the mainstreet coming up Rossland/Trail hill. There is NO pedestrian cross-walk on this corner (Velvet bldg)
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve pedestrian pathway	Additional Comments	from downtown a pedestrian walkway/path to the museum
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve crosswalk	Additional Comments	No crosswalk at corner of Velvet Bldg to cross over to library
Wish List	What are your environment wish list items for the City?	Tree planting	Additional Comments	Less tree removal of old, healthy trees. If a tree is removed, care given to replant similar species. Concern about soil erosion, and water run-off.
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	Pinewood development. Concern with fire accessibility. Opening up to Happy Valley which will allow more development in this area. Concern with continued encroachment of bear and wildlife habitat as Happy Valley becomes more populated
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add electric bike charging station	Additional Comments	Somewhat symbolic,but a significant symbol
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Human/wildlife interaction	Additional Comments	Seems odd that we don't have a stricter bear aware policy eg. garbage collection bins like in Castlegar. (This may have been studied and rejected, but after moving here from Castlegar I was shocked not to have the same bear containers for garbage.)
Wish List	What are your environment wish list items for the City?	Wildfire prevention	Additional Comments	The smell of smoke is scares me. I think we areworking on this, and hope we can continue to do whatever is possible for reducing our risk of burning.
Wish List	What are your environment wish list items for the City?	Green/natural stormwater solutions	Additional Comments	Water retention in deep soil gardens and ponds throughout town... slow spread and stop the water throughout Rossland for climate change adaptation AND mitigation, reduce chance of wildfires...
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Pedestrian safety needs improvement	Additional Comments	Railgrade... dirtbikes driven at insane speeds here. Someone's going to get killed. Trail needs speed bumps. 30 kph in town but 70+ on the grade??
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	A park in the pinewood area (wit playstructure,etc) for kids
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add bike racks	Additional Comments	Remove frost four car parking spots on Columbiain from of Ferraros and out in e bike rack
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve pedestrian pathway	Additional Comments	A way to cross the highway from the railgrade walking path into town
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Human/wildlife interaction	Additional Comments	Roaming bears are a problem
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve pedestrian pathway		
Wish List	What are your environment wish list items for the City?	Site cleanup	Additional Comments	Communal garbage and compost bins
Wish List	What are your environment wish list items for the City?	Invasive weed removal		
Wish List			Additional Comments	Garbage bin for dog poop bags
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Additional trails to take advantage of beautifulviews from peak of the hill
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Pedestrian safety needs improvement		
Wish List	What are your environment wish list items for the City?	Tree planting		
Wish List	What are your environment wish list items for the City?	Site cleanup	Additional Comments	Communal garbage bins and composting bins
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve pedestrian pathway	Additional Comments	Major walking route into town for folks in thisside of town. No side walk or pedestrian signs. Thinking about when the kids start walking to school.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Consider cyclists and pedestrians in city works- example the bump outs on Thompson, useless, restrict pedestrian traffic and are so ugly!
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Ebike rack at hill with improved winter trail access from town.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	Enforce speed limits. Snow and ice on sidewalks.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Winter snow/ice safety hazard	Additional Comments	more sanding and clearing of sidewalks in winter, especially for elderly.
Transportation				
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	green garbage pickup for food waste. Decrease regular garbage pick up in lieu
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve pedestrian pathway	Additional Comments	The pathway trough the woods from Dunn Crescentdown to the western end of Cooke Avenue is lovely, and all the footpaths in town are wonderful. Several of them are RIFE with invasive weeds such as burdock, hoary alyssum, knapweed, tansy, orange hawkweed and so on ... it would be even more wonderful if those invasives could be chopped or pulledto keep them from spreading.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Improve accessibility	Additional Comments	Continued motorized use/access to rail grade
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Improve signage along centennial trail (if you dont know where it goes, you dont know)
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add electric bike charging station	Additional Comments	This is not needed.
Wish List	What are your environment wish list items for the City?	Invasive weed removal	Additional Comments	We are being overrun by invasive weeds, many ofthem all along our active transportation paths. Also on the boulevards adjacent to people`s homes -- can residents be encouraged to maintain their boulevards, at least by keeping them free of invasive weeds, and educated about what they are ...
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	The green link bike route should be upgraded assoon as possible.

Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	Providing additional transportation links to redstone area. Year round trail system for bikes, walking, scooters, etc. to connect redstone to downtown rossland.
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	A space should be provided for outdoor skating in between the skatepark and new city hall. See Prince George civic centre for an example, could be used as event space in summer. No one has mentioned any sort of plan for outdoor skating after the new development and this is very well used in winter weather permitting.
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	Fenced dog park area please!
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Pedestrian safety needs improvement	Additional Comments	Thompson Ave. Has too many parked cars and RVs parked on the road, add in bikes, pedestrians etc and it's a congested mess. Does not support growth in Rossland.
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	Better public access to water close to town.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	Trailhead improvements needed…. washroom, bikewash, tools, for everyone to use. Similar to other tourism towns.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	The use of the highway from the Miners Hall heading east/west for pedestrians and bikes
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve crosswalk	Additional Comments	Improve crosswalk... should be on other side ofintersection instead of infront of old city hall / stoked float. Safer for majority of people goingto lower rossland along the Leroi sidewalk.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve pedestrian pathway	Additional Comments	The gravel path is not sufficient and should beupgraded to enhance use from Lower Rossland for pedestrians and bikes
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Winter snow/ice safety hazard	Additional Comments	Corner has no stop signs in winter and poor lineof sight. Was in accident due to road safety design here and think that this could be easily improved.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Improve accessibility	Additional Comments	Improve gravel roads to paved on Princess Ave and Union. Infrastructure upgrades from Redstone to secondary access.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Rossland to Trail pedestrian and bike lane. Commuting and more...
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	Improve parking lot at Centennial
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	create commuter route along wagon road
Transportation	What transportation additions or improvements would you like to see in Rossland?	Improve accessibility	Additional Comments	Put parking area at mining school trailhead
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Winter snow/ice safety hazard	Additional Comments	This small stretch from Thompson to Victoria inthe winter is very narrow cause all the snow is blown to one side and at the top you have to stop toensure no one is gasing it to get up Victoria or coming down and can't stop
Wish List	What are your environment wish list items for the City?	Restore damaged natural area	Additional Comments	Keep and preserve the charm of Rossland. Stop building. Keep the town small and the residents informed about how to live with wildlife. Make it mandatory for new residents to attend a wildlife aware session. Make it mandatory for realtors to inform potential residents BEFORE they purchase.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve pedestrian pathway	Additional Comments	And bike racks And make pedestrian crossings more visible – stop parking either side of crossings.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Pedestrian safety needs improvement	Additional Comments	Humans need education about wildlife to preventdangerous interactions for both themselves and the wildlife. Stop getting bears shot!!!
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Human/wildlife interaction	Additional Comments	with a dedicated green corridor and trail for humans, wildlife will not come into contact with people
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Accessibility challenge	Additional Comments	The slope of the driveway out of Esling Park isdangerous, particularly in winter conditions. My elderly father-in-law would sometimes opt to driveto avoid having to negotiate walking out the driveway (and his driving is a concern in itself).
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other		
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Winter snow/ice safety hazard		
Wish List	What are your environment wish list items for the City?	Tree planting		
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Human/wildlife interaction		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve crosswalk		
Wish List	What are your environment wish list items for the City?	Wildfire prevention		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	Tunnel under the highway connecting Centennialto BlackJack ski area.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve pedestrian pathway	Additional Comments	Make Centennial wheelchair accessible
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Make some of our trails adaptive accessible
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	Post at either end of main street to watch or vehicles backing out. It can be hard as the person backing out of a spot to see oncoming traffic untiltoo late.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	commuter bike trail to Trail
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	Private and commercial vehicles travelling morethan our 30 k/hr street speed limit, creating a safety concern for all ages of residents whether they walk or bike.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Improve accessibility	Additional Comments	Improve accessibility in the downtown core for bike pathways, parking racks and charging stations.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Winter snow/ice safety hazard	Additional Comments	Lack of timely snow removal, especially on sidestreets
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Pedestrian safety needs improvement	Additional Comments	Lack of street lights makes it unsafe for peopleto walk at night…mostly because of potential bear encounters in the dark
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve pedestrian pathway		
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Pedestrian safety needs improvement		
Wish List	What are your environment wish list items for the City?	Green/natural stormwater solutions		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Wagon road to Trail will help with some people riding rather than taking cars...upgrading the existing railgrade from Warfield with signage would also be very Historic and even tourist friendly

Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Pedestrian safety needs improvement	Additional Comments	Improved sidewalk maintenance in winter....upgrade walking Trail in the park behind Esling Park lodge to the Arena
Safety and Accessibility				
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway		
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Cyclist safety needs improvement	Additional Comments	Pedestrian safety Winter snow
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Instead of putting in those ridiculous bump outson corners that will push pedestrians and cyclists out further into the direct line of traffic, putin a bike/ pedestrian lane.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add bike lane	Additional Comments	Because I am part of an aging population, havinga few of the flatter trails get partially paved, would be an absolute luxury.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Pedestrian safety needs improvement	Additional Comments	Maybe need to address user conflicts on urban trails
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add bike racks	Additional Comments	Need covered bike rack for fat bikes downtown
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve pedestrian pathway	Additional Comments	Redstone needs sidewalks
Transportation			Additional Comments	Would be nice if Thompson Ave had sidewalks
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	People are always speeding
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	Too much speed on Thompson
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	If motorized electric bikes are to become the norm, then there is a need for signage indicating speed limits and specific e-bike trail etiquette. This is even more important for winter, when Centennial becomes a commuting trail and people use itas such, including using high speeds to get to work in time.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	Why electric bike charge stations?! Use the money to improve the trails for all, including those of us who chose to walk, run, or use non-motorizedbicycles.
Wish List	What are your environment wish list items for the City?	Green/natural stormwater solutions		
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	The corner of Kirkup and Centre Star Gulch trailbecomes a blind corner in Winter due to snow piling up in the area. The white signs indicating the bike/pedestrian crossing blend with the snow in their background, becoming invisible. The problem is further compounded by people living at the hill using big-city commuting speeds to get to workand people - mostly from the construction trades - getting to the hill.
Wish List	What are your environment wish list items for the City?	Site cleanup		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Wagon Road ... would be really awesome to see this be e-bike accessible as a solid, good, commuter route option!
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	Seven Summits Center for Learning... Make sure it is viable and accessible for all future students... it is a great asset to Rossland, and a great option to keep teenagers in town.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Pedestrian safety needs improvement	Additional Comments	The crossing of Centennial trail at Red MountainRoad is at the feet of a steep hill which is very slippery in winter The white signs indicatingthe bike/pedestrian crossing blend with the snow in their background, becoming invisible. The problem is further compounded by people living at the hill using big-city commuting speeds to get to work and people - mostly from the construction trades - getting to the hill.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	This intersection is dangerous.I propose puttinga scale under the vehicles turning left off of Thompson onto the the highway with flashing lights on lower down on the highway to signify that there is a vehicle there that may potentially turn out.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Make a bicycle path from Rossland to Warfield along the old Wagon Road
Transportation			Additional Comments	If Caldera is lost due to the new development, it needs to be replaced with a new trail. It is/was a great connector trail that helped alleviate congestion in Centennial and Blue Elephant.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Cyclist safety needs improvement	Additional Comments	Especially on Hwy 3B! The shoulder on Hwy 3B ishazardous! Shame to have it resurfaced with making the shoulder near impossible to cycle on! Missedopportunity to promote cycle tourism for our area.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	NO City Bus! Huge cost, both environmentally andfor our City for very low ridership. Either a smaller bus, electric would be fantastic or Just smaller! The bus drives around empty :(
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	Stop using green garbage bags to line our garbage cans! The City should buy compostable bags . We, the residents could purchase the bags from Ferraro's as we do the garbage tags. Ridiculous to use single use plastic bags for "re-bagging". Got to think environmentally!
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Other	Additional Comments	children
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	electric and non electric bike rentals
Wish List	What are your environment wish list items for the City?	Wildfire prevention	Additional Comments	support 'fire smart'; maintain water resevoirs
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	support transport from town to Red mountain skimountain
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Human/wildlife interaction		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway		
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Human/wildlife interaction	Additional Comments	The bear safe garbage bins at the museum need tostay.
Wish List	What are your environment wish list items for the City?	Wildfire prevention	Additional Comments	Allow/encourage deadwood removal from outskirtsof city
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	Please encourage traffic to travel by highway tothe ski resort. Not through Washington/Plewman
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Build Ebike commuter path network
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	Consider 1 way from golf course to lower rossland with large pedestrian/cycling access

Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Add bike path to connect more of lower rosslandon bike path- esp on Thompson
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add electric bike charging station		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add bike lane		
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Cyclist safety needs improvement	Additional Comments	Highway shoulders are very poorly maintained
Transportation				
Wish List	What are your environment wish list items for the City?	Wildfire prevention		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	Side street pavement renewal plan
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Human/wildlife interaction		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	Love all of the shared use pathways between areas of Rossland and would like to see more. Active transport should be encouraged with lots of pathsas well as a multitude of bike stands downtown.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	Make lower block of Washington St (between 1st and Columbia) either a one way street or a pedestrian only boulevard.
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	love to see a washroom here. also open the washroom out on centennial near Red. its time!
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	love to see trail connection from black jack tocentennial and reopen the old museum loop too!
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Accessibility challenge		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add electric bike charging station		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add bus stop		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve pedestrian pathway	Additional Comments	Walking to Red/Rockcut and BJ in Winter needs asafe route off the highway. Pedestrians on the highway get more dangerous every year. Esp with snowand early darkness. Including Xcountry skiers going from Red accomodations to BJ
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Pedestrian safety needs improvement	Additional Comments	Really unsafe Pedestrian/Xcountry skier area
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	some sort of year round taxi/uber/something to get folks to Trail, to Red, etc safely is needed and would reduce # of cars
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Not everyone rides a mountain bike....let’s remember road cyclists and others and pave Centennial Trail, Wagon Road, and Rail Grade
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Not everyone rides a Mtn bike; road cyclists andparents with strollers need pavement. Pave Centennial, Wagon,Rail Grade
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Improve accessibility	Additional Comments	Make the rail grade more accessible - it's a better route than the wagon road. See how busy the Kimberley rail grade is
Transportation			Additional Comments	Esling St is not very bike or walking friendly as a rout to Warfield or Redstone
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Ideally make trails with gentler grades so easier to walk/bike/push a stroller up
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Cyclist safety needs improvement	Additional Comments	Commuter path to trail
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Cyclist safety needs improvement	Additional Comments	Downtown can be congested with bikes, e-bikes and pedestrians. Separate bike lane? Not on sidewalk unless you are a kid?
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Pedestrian safety needs improvement	Additional Comments	Walking or biking this intersection sucks! My kids and I do it twice a week for soccer and it scares me! Columbia off toward lions campground. Sidewalk ends so are going the wrong way there are trucks and cars pulling crazy moves!
Wish List	What are your environment wish list items for the City?	Green/natural stormwater solutions	Additional Comments	Use all the topography to generate micro hydro and store retention ponds
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Accessibility challenge	Additional Comments	Develop alternative/extension of downtown to move incrementally away from Hwy 3
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Other	Additional Comments	Please keep speed limits low, and consider electronic monitoring for fines
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	More bike and walking paths so kids and adults can get around.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve pedestrian pathway		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	Stop plowing the streets everytime it snows 1 cm. People should drive to the conditions and not expect perfectly clear roads all the time. It snowshere. This isn't vancouver
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	4-season Ebike commuter path, please!
Wish List	What are your environment wish list items for the City?	Invasive weed removal	Additional Comments	There are so many areas of invasive weeds goingto seed everywhere and spreading through roots.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Really wonder about putting money into Wagon Rdcycle path? I know its grant money but folks already have alternative routes for getting up the hill and they don't seem to be well used.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	Speed limit on Columbia. I know its Provincialmatter but any ideas to reduce speed and improve pedestrian safety should be considered
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve crosswalk	Additional Comments	From Cooke bus stop into lower Rossland
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add bus stop	Additional Comments	Ski bus return to lower Rossland
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Accessibility challenge		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	sidewalks in older areas

Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve pedestrian pathway		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add bus stop		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve crosswalk		
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Accessibility challenge		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add electric bike charging station		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add bike racks		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Improve accessibility		
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Accessibility challenge		
Wish List	What are your environment wish list items for the City?	Wildfire prevention		
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	In a town where there is no beach or river, a spray park would be a wonderful community asset. How great would it be to be able to cool off with our kids on a hot day without having to drive to Gyro in Trail or up to Nancy Green Lake?
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	One of my favourite things about Rossland is ourgreat network of trails. I would like to see the development of our trail system continue, with new trails being built that are green circles or blue squares. I love the urban trails too and it would be great to see more of these as well.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Cyclist safety needs improvement	Additional Comments	A domed mirror at the west end of the tunnel (onthe south side) would improve safety here. I can't even count the number of times that I've experienced or see near-collisions at this blind corner where cyclists are traveling in two directions.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Pedestrian safety needs improvement	Additional Comments	This is one of the most dangerous intersectionsin town. Cars speed up and down the hill and visibility is limited. There is a crosswalk here, butvehicles rarely stop to let pedestrians across. Also, the bump outs were constructed with ramps that shoot you out straight into the middle of the intersection, rather than towards the other side ofthe street. This is an impractical (and dangerous) design. There should be two ramps on each bumpout - one leading to each crossing.
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	Please, please put more benches around our playgrounds. Parents are exhausted, and would love a place to sit and rest while their kids play.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	How great would it be to have a safe (separate from traffic) paved cycle path that connected Rossland to Trail? Imagine how many trips in vehiclescould be saved by people who would then prefer to travel by e-bike.
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	This is a beautiful park, and a great addition would be a covered gazebo type structure large enough to accommodate a few picnic tables, and with asink for washing up. I noticed recently that Warfield has this kind of facility at the back of thecommunity hall and thought it would be a great space for a few families to gather for a picnic.
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	Have you seen the pump track in Fernie? Or other similar towns? For a town that is full of bike enthusiasts, it would be great to have a better pump track.
Wish List				
Wish List	What are your environment wish list items for the City?	Other		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Improve accessibility	Additional Comments	To encourage cycling in the downtown core thereneeds to be better places to secure bikes
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	I would love to see a community compost
Safety and Accessibility				
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	Yellow cones that are for speed control on Thompson limit sight lines coming from neighbourhood south of Thompson Ave and in winter are a disaster for snow removal. The street is more narrow and you can't see traffic from either direction, east orwest causing difficulty when approaching from the neighbourhood. The incline requires some acceleration to even get to Thompson. Please reconsider these at that intersection!
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Pedestrian safety needs improvement	Additional Comments	From the Miner's Hall heading west on the Hwy isdangerous where the sidewalk ends. You have to skirt the highway, right where the tunnel is and forboth cyclists and pedestrians it is dangerous when drivers are heading into town especially.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Improve accessibility	Additional Comments	This intersection is dangerous especially when heading from Thompson Ave up to town. Sight lines are not good.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	This block of Thompson has too many vehicles andtoo many parked RVs in the summer months. I believe RV owners need to park them elsewhere to avoidthe excessive congestion on that very busy street.
Safety and Accessibility				
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Cyclist safety needs improvement		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add bike racks		
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	It is impossible to see around the 8' tall bumpouts in the winter
Transportation	What transportation additions or improvements would you like to see in Rossland?	Improve accessibility	Additional Comments	With the ski hill minutes out of town does everyskier need to bring their own car?
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	The Rossland Ski bus needs to be more inclusiveand more accessible. Having it loop through both lower and upper Rossland is essential for usage bylocals. It also needs to be on a continuous run during peak periods. In its early years I used itall the time, now that it can only be caught downtown the walk is too far for the risk that it willbe full before it leaves and then an hour long wait for the next one.... a good portion of that wait standing beside a non-moving bus!!
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	I like the goal for a dedicated bicycle corridorto Trail. The goal should be to have it open for 4 season use by all users not just the die hards.

Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	In an earlier survey I spoke of personal rapid transit. We need to set up infrastructure to eliminate the need for a second car. https://www.skytran.com/
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	Advocate to open the Waneta corridor for Trucksto reduce the number of transport trucks through our downtown.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	Signage - just needs a "No Thru Road" sign - lots of traffic goes down Telemark Rd expecting a connection to highway
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	Dust control - apply dust suppressant in the main parking lot where traffic is heavy (as with regular use by log hauling trucks in 2021)
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	Improve signage to get traffic to Red Mountain/Highway 3B to use the highway rather than Washington St - e.g. large sign over Columbia Ave - same upat Kirkup coming eastbound
Safety and Accessibility			Additional Comments	School parking. Congested area. Difficult for residents to drive through as parents park and block road on jubilee
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve crosswalk	Additional Comments	Need traffic lights or some type of traffic control at major intersections on highway
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Cyclist safety needs improvement	Additional Comments	Have a road along the high way so ppl can ski orride up to red
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	this junction is a gong show. especially duringski season. traffic lights or directed traffic, no left turn out of ferraros etc
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	The many connector trails in town are fantastic.We need more, and better maintained so more people use them.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	This corner is crazy (folks speed on Park, and most barely slow down for the yield signs - danger)
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	pathway leading from rossland to trail for safecommuting to work vs. taking the highway.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve pedestrian pathway	Additional Comments	preserve this path for kids and the community that use it daily to get to school
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Pedestrian safety needs improvement	Additional Comments	Very congested area during school drop off and can be unsafe. Not sure of the solution but definitely further congestion wouldn't be good
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve pedestrian pathway	Additional Comments	This informal pathway between St Paul to the back of the school is well utilized
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	Some form of sustainable care wash
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	It would be nice to have a safer walking shoulder after the MIners Hall sidewalk ends and getting to lower Columbia
Transportation				
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add bike lane	Additional Comments	Safe bike lane along Columbia (downtown) so thatriders (particularly young children) are not on the sidewalk riding bikes
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Pedestrian safety needs improvement		
Wish List				
Wish List	What are your environment wish list items for the City?	Wildfire prevention		
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Cyclist safety needs improvement		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve pedestrian pathway	Additional Comments	Davis street need a side walk. School bus stop at baseball diamond needs improvement. Stop allowing industrial / random parking. No way to climb thehill without riding/walking into traffic because if improper curb placement.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Pedestrian safety needs improvement	Additional Comments	This is school bus stop at the ball diamond. It's aweful. Please add side walks. Ban i fustrial parking. Fix curb abutments at the bottom of the hill so people with bike and strollers don't have go into traffic to access the bike lane. Stop pilingsnow on the abutment so pedestrians don't have to walk into traffic to get to the side walk.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Any possibility in maintaining a winter bike path to the hill from town to encourage driving alternatives and removing bikers from the highway in the winter. It's super sketchy for those guys.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add bike racks	Additional Comments	With the popularity of e-bikes and encouraging their use for commuter and errand applications. It would be ideal if there was a secure lock up option so people can ride into downtown and hit all the shops or restaurants without worrying if their bikes will be stolen. Like a pay per hour for locked bike parking system.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add bus stop	Additional Comments	Free ride!!
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add bus stop	Additional Comments	free bike shuttle
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add bus stop	Additional Comments	Free Bike shuttle
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	more flow trails
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns		
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Pedestrian safety needs improvement		
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Other	Additional Comments	More developments in lower Rossland will cause even more traffic on Thompson which is already congested More street parking makes pedestrains and drivers unsafe. Need to have a better traffic solution before more development
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Human/wildlife interaction		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Need a dedicated ebike route from town to ski hill, open in all 4 seasons with bike parking at red.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Also add redstone to city bus route, it does notenter the redstone neighbourhood.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	The intersection at Columbia/Washington is getting busier. Maybe it's time for a stop light. Also, the corner by the old Montreal Building has a huge blind spot for motorists due to the bushes planted there. It's near impossible to see pedestrians (mostly kids) or cyclist quickly crossing the intersection across Columbia.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add electric bike charging station		

Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Paved bike pathway from Rossland to Trail for work commute.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Human/wildlife interaction	Additional Comments	Citizens not abiding by wildlife safety should receive huge fines. ie: leaving garbage attractants outside.
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	Arts center!!!!!!!
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	More casual recreation for kids. Dance,karate,etc.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Pedestrian safety needs improvement	Additional Comments	Side walk along Highway for pedestrians that live just outside of rossland proper
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	Re open a proper high school in rossland!!!!!!!!!!!
Wish List	What are your environment wish list items for the City?	Wildfire prevention		
Wish List	What are your environment wish list items for the City?	Tree planting		
Wish List	What are your environment wish list items for the City?	Green/natural stormwater solutions		
Wish List				
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Accessibility challenge	Additional Comments	We need to protect our vulnerable and geriatricpopulation and ensure Rossland remains a safe and accessible place for these members of our community.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add bus stop		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Work with kcts to build a bike trail on the south side of KC to return to town.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Improve accessibility		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve crosswalk		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Columbia is very dangerous for cyclists downtown. Cars back out without looking.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve crosswalk	Additional Comments	Create a way for pedestrians and cyclists to safety cross highway at the Thompson turn off.
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	Find a way to reroute commercial trucks.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve crosswalk	Additional Comments	The downtown crosswalk is dangerous. Out of townpeople tourists/trucks don’t know it’s there especially in winter. Perhaps blinking lights likeat Rss.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Build a solid surface commuter route to trail!
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Winter snow/ice safety hazard	Additional Comments	The walking trail had been a safety concern as not very usable in winter... This past year we walked to school nearly every day on it as it was clear of snow. That way we could avoid the gauntlet on the highway
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Keep on with the commuter bike path to connect to Warfield and Trail. Many more people would use above those that have started commuting with e bikes this past couple years
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add bus stop	Additional Comments	An additional school bus stop in lower Rosslandwould be great.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add electric bike charging station	Additional Comments	Sometimes the ebike is nearly out so drive vs bike... Incentive to bike to get groceries
Transportation			Additional Comments	I find there are few bike racks in town for a biking town? Some more of the Multi bike rack like there one by the pool would be good
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add bus stop	Additional Comments	This neighbourhood sites on top of hills in bothdirections. I have only recently started biking to get groceries as the ebike means I can actuallyget up the hill with 2 gallons of milk. A bus stop would mean options to get down town in winter with a load.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	Need to slow traffic on Thompson, especially asBlack Bear and Malde see more development and car trips per day. Current pylons are not effective.Stop signs are needed
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other		
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	Really awkward intersection… especially when there is traffic from all directions. Might need more than 4 way stop? Super slick for pedestrians and vehicles in winter.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Other	Additional Comments	This little playground needs a facelift. Concrete slab at the bottom of the slide. Ground worn down below swings. Often garbage left scattered in the park. Only really accessible play gym in town for crawling infants and young toddlers.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	Visibility is low at the crest of the hill and people drive fast. Maybe a 30km / hour sign needed?
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve crosswalk	Additional Comments	Drivers accelarate at turn off Columbia and Washington and do not start to decelerate until past first avenue. The speeds are shocking and the pedestrian crosswalk is not obvious. Needs signage
Transportation				
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	This should be signed for Local Traffic only andthat the main access to/from Red Mountain/Hwy is to use the Highway not shortcut through town.
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	Would like to see a Public Restroom/Outhouse here. Lots of camping and high usage results in public urination/other
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	Public Restroom needed urgently
Wish List	What are your environment wish list items for the City?	Green/natural stormwater solutions		
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Human/wildlife interaction		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add electric bike charging station	Additional Comments	It would be awesome to have an EV bike chargingstation in the downtown core
Wish List				
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	The crest of columbia has low visibility. People go fast at this intersection. a 30km hour sign might be a nice reminder.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Pedestrian safety needs improvement	Additional Comments	This roadway down to happy valley is very narrowand no sidewalks. Cars go fast. Feels dangerous when I walk there.

Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	This intersection is really bad if there... I find a lot of people don't know when to go. In the winter, I witness on average 5 cars sliding through the intersction. It is also super slipper for pedestrians. (including walking up an down columbia hill with no sidewalk)
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	If you can afford an electric bike you can charge it at home- make it a pay per use charging system. Encourage commuting to Trail with improved plan in place. Ski bus in the winter is good, charge a small fee.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Pedestrian safety needs improvement	Additional Comments	Extend sidewalk from Miners Hall area west to Lower Columbia. I see lots of people walking the highway.... More signage near Sure Stay motel so visitors know to use the Upper Columbia Trail
Transportation				
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	Provide an alternative route for truck traffic!
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Pedestrian safety needs improvement	Additional Comments	more pedestrian-centric roads: ++crosswalks. its ok for autos to need to stop-get out & walk
Transportation			Additional Comments	i don't own an e-bike but there seems to many out there-a few parking spaces for them would likely be appreciated
Wish List			Additional Comments	skate park area: make the area a multi play area/gathering area for the community not another city hall. We are a community of 3500 people, how many city halls does one small town require. but we are a small community-build a community feeling!
Transportation				
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Winter snow/ice safety hazard		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other		
Wish List	What are your environment wish list items for the City?	Other		
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	Given the nature of traffic at this intersection, it is surprising to me that there are not more collisions. Those required to stop tend to show anoverabundance of caution, which is good in general but does reflect uncertainty. Uncertainty is, initself, a risk factor for collisions. I have seen drivers approaching from the south come to a stopbefore entering the intersection: once again, uncertainty. The traffic signs are clear so a solutionisn't evident. But the risk remains.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	If in-town individual vehicle use is to be reduced then an alternate (other than walking/biking) is required. A local bus route should be considered.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Make Centennial Trail functional for bicycles 12months a year.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Human/wildlife interaction		
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	Drivers go waaaay too fast on residential streets
Wish List				
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	It would be excellent to include safe year roundaccess to Rock Cut pub to Centennial Trail. This supports tourism goals around Red Mountain and toa lesser extent downtown.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	This intersection may become a choke point withadditional vehicle traffic and already has some pedestrian risk as people cross in poor locations.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Please resurrect the Museum Trail. The fencesurrounding the Teck property could be moved to the north side of the old rail line in the area of the Centre Star loading bins and the Rossland Loop can be reborn.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Pedestrian/Bicycle Infrastructure is important.People are lazy so whatever choices are made need to take this into account to get the most public uptake.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Pedestrian safety needs improvement	Additional Comments	It is not just about pedestrian safety, Considerputting the pedestrians need first and foremost when making infrastructure decisions.
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	Commercial densification and addition. The lesstrips that have to be made to Walmart in Trail, the better. Ask yourself this - How many cars leaving Rossland are Walmart bound? 5%, 10%, 20% ?
Wish List	What are your environment wish list items for the City?	Wildfire prevention	Additional Comments	Appropriate and effective management of municipal green spaces. Many areas of Rossland are overgrown...
Wish List	What are your environment wish list items for the City?	Wildfire prevention	Additional Comments	Proper firesmart for the community, including proper forest thinning to maintain canopy separation, currently Rossland is very susceptible to wildfire
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Winter snow/ice safety hazard		
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Pedestrian safety needs improvement	Additional Comments	This is a very busy area two times a day with day care drop off/pick up, and especially in the afternoon with brewery/shopping customers exiting theparking lot. Would be good to see the Earl street/parking lot paved, turned into a one-way street (exiting onto Spokane)
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	I would like to see a focus on bike/foot paths with gentler slopes for seniors and those with small children. The Leroi upgrades is a good example
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	I would like to see a cafe or restaurant of sometype opened in lower Rossland. Not sure if this is currently allowed permit wise.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Other	Additional Comments	Overall lake of daycare
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	Reinstall the speed hump to slow down traffic and bring the Red Mountain shuttle to stops on Thompson Ave.
Wish List	What are your environment wish list items for the City?	Wildfire prevention	Additional Comments	Get rid of hazard forest fire fuel and plant newtrees.. Keep the fruit trees
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve crosswalk	Additional Comments	crosswalk at Washington and 5th!
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add bike racks	Additional Comments	bike rack at Miner's Hall!
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve pedestrian pathway	Additional Comments	sidewalk/pathway all the way up Spokane from 1st- 2nd, not the safest in the summer and scary in the winter!
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	Speeding town, particularly in school zone.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve crosswalk	Additional Comments	Side walks and crossings, particularly the crossing of 1st & St Paul. It is at the crest of the hill, which most vehicles power up and through the intersection.
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	No more infill housing
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	use the reservoir for swimming?
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	not upgrade, but ensure continuous offroad access to the mountain, eg, biking, walking, skiing, snowshoeing, etc
Transportation	What transportation additions or improvements would you like to see in Rossland?	Improve accessibility	Additional Comments	improve walking/biking options (steady grade, offstreet, etc) to get to museum and hardware store

Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve pedestrian pathway		
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Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway		
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Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve pedestrian pathway		
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Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve pedestrian pathway		
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	should be locals only down mcleod. too many people race down here and st. paul to avoid the backup at the columbia/washington intersection downtown
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	swimming hole?
Wish List	What are your environment wish list items for the City?	Other	Additional Comments	discourage/prohibit traffic from flying straightthru the light and racing up st. paul (which has two schools plus daycare)
Wish List			Additional Comments	do not permit subdivision of this precious farmland
Safety and Accessibility				
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns		
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Pedestrian safety needs improvement		
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve pedestrian pathway		

Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns		
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Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns		
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	Constant speeding on Washington street needs better speed control and/or enforcement.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	"No crossing" markers should be placed to prevent pedestrians from crossing east/west across the south side of Hwy 3 along Columbia.
Wish List	What are your environment wish list items for the City?	Site cleanup	Additional Comments	Spruce up the bike park. Make it more kid and family friendly.
Wish List	What are your environment wish list items for the City?	Site cleanup	Additional Comments	Any way to mitigate some of the odors along thereservoir trail?
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	Constant speeding in town. Signage is not clearnor obvious. Enforcement or new infrastructure to discourage speeding needed in many key areas (Columbia, Thompson, Washington). E.g. median islands, small traffic circles, pinch points or neckdowns... others?
Wish List	What are your environment wish list items for the City?	Site cleanup	Additional Comments	junky alley... could add more parking here
Wish List	What are your environment wish list items for the City?	Site cleanup	Additional Comments	Downtown parking could be improved with more structure.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	Thompson Ave. is dangerous and needs traffic calming.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Pedestrian safety needs improvement	Additional Comments	Pedestrian corridor needed from Dunn Crescent tomuseum along highway
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve pedestrian pathway	Additional Comments	Improve pedestrian safety from Dunn Crescent toMuseum
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Improve bike path from Union to Drakes Trail
Transportation			Additional Comments	Improve bike path from Kootenay Ave. to Town Square
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Establish ebike corridor to Trail
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Extend Louie Joe Trail from Washington Ave. to Columbia Ave.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Widen corner to reduce exposure on bike trail between City Works and Planer Crescent
Wish List	What are your environment wish list items for the City?	Invasive weed removal	Additional Comments	Would like to see the city works be more aware of invasive plants and remove them ; Tansy can now be found everywhere
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	Traffic calming on Thompson and Spokane. Superimportant as we continue to grow and have more kids in town.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	It's way too easy to go too fast on Thompson. Imake an effort to slow down and still find myself going 50 all the time by accident. Please add stopsigns and bike lanes.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Pedestrian safety needs improvement	Additional Comments	Huge pedestrian use area which is also the fastest road in town. Please reduce speed via limits or more stop signs.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Road safety concerns	Additional Comments	This intersection is ridiculously dangerous. Just make it a 4-way stop or a 4-way light. It's super confusing.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Other	Additional Comments	Dog parking is absolutely terrible throughout downtown Rossland. It is completely unsafe to tie up my dog in the middle of an alley road in the hotsun.
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	Allow golfcarts and other EV ATV type vehicles on the road. Make the alley behind Columbia parking for these recreational EV vehicles. What a great3-season option for a second family vehicle and another way to put Rossland on the map! Golf at Redstone and drive your cart all the way to dinner in town...
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Create a KCTS style single-track for riding or walking up this section...
Transportation	What transportation additions or improvements would you like to see in Rossland?	Other	Additional Comments	Consider making this future connection road to Redstone a neighbourhood electric vehicle (ie. EV golf cart, low speed EV car, e-bike...) only road.Or, maybe just a bike path between neighbourhoods...with a locked gate for emergency services access.
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Human/wildlife interaction	Additional Comments	Bear attractant guidelines need to be more strictly enforced
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add bike racks	Additional Comments	Bike racks in winter
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Human/wildlife interaction	Additional Comments	Bear attractant guidelines need to be more strictly enforced
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add bike racks	Additional Comments	Bike racks year round for ebike commuters/shoppers
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve bicycle pathway	Additional Comments	Paved commuter pathway from Trail
Transportation	What transportation additions or improvements would you like to see in Rossland?	Add/improve pedestrian pathway		
Safety and Accessibility	What safety and accessibility concerns do you have in Rossland?	Pedestrian safety needs improvement		
Wish List	What are your environment wish list items for the City?	Site cleanup		