



REVISED AGENDA - COMMITTEE OF THE WHOLE

Thursday, November 24, 2022, 9:00 A.M.

COUNCIL CHAMBERS, CITY HALL, 1 CENTENNIAL SQUARE

The City of Victoria is located on the homelands of the Songhees and Esquimalt People

Meeting will recess for a lunch break between 12:00 p.m. and 1:00 p.m.

Pages

A. APPROVAL OF AGENDA

*B. CONSENT AGENDA

Proposals for the Consent Agenda:

- G.5. - Proclamation - 2022 International Day of Persons with Disabilities

C. READING OF MINUTES

D. Presentations

D.1. Victoria Police Department - Q3 Update

1

A quarterly update from the Victoria Police Department regarding the Community Safety Report Card, including performance metrics and relevant data.

E. UNFINISHED BUSINESS

F. LAND USE MATTERS

G. STAFF REPORTS

*G.1. Topaz Park Improvements - Proposed Phase 2 Conceptual Plan

8

Addendum: Presentation

A report regarding the concept design for the next phase of improvements to Topaz Park, including sport courts, a fenced leash-optional dog area, a picnic area with a shade structure, a new plaza, new pathways, and landscaping.

*G.2. 2023 Utility Rates

35

Addendum: Presentation

A report regarding the 2023 utility rate requirements and impacts for Council's review and to seek direction for staff to bring forward the water, sewer, stormwater and solid waste and recycling fees for adoption effective January 1,

2023.

G.3. Appointment of Animal Control Officer 67

A report regarding the appointment of one new Animal Control Officer.

G.4. Appointment of Bylaw Officers 68

A report regarding the appointment of four new Bylaw Officers.

G.5. Proclamation - 2022 International Day of Persons with Disabilities 69

A proclamation regarding the 2022 International Day of Persons with Disabilities, December 3, 2022.

H. NOTICE OF MOTIONS

I. NEW BUSINESS

J. ADJOURNMENT OF COMMITTEE OF THE WHOLE



OFFICE OF THE CHIEF CONSTABLE

850 CALEDONIA AVE VICTORIA, BC V8T 5J8 250.995.7217 www.vicpd.ca

DATE:	November 24, 2022
MEMO TO:	Victoria City Council
FROM:	Chief Cst. Manak
SUBJECT:	Q3 - 2022 VicPD Community Safety Report Card
ACTION:	For Information

VicPD is pleased to share our online 2022 Quarter Three Community Safety Report Card which can be found at: <https://vicpd.ca/open-vicpd/community-safety-report-cards/2022-q3-victoria/>

The Community Safety Report Card includes performance metrics and relevant data on which our business decisions are made and is in keeping with the Framework Agreement.



**VICTORIA
POLICE**

Community Safety Report Card for Victoria Council – Q3 2022

November 24, 2022 **Chief Constable Del Manak**

1



2

The 20 Indicators of the Quarterly VicPD Community Safety Report Card

- | | |
|----------------------------------|---|
| 1. Calls for Service | 11. Documents released to the public |
| 2. Crime Incidents | 12. Overtime (Police) |
| 3. Response times | 13. Public Safety Campaigns |
| 4. Crime Rate | 14. Police Act Complaints |
| 5. Crime Severity Index | 15. Case Load per Officer |
| 6. Clearance Rate | 16. Staff Time Loss |
| 7. Perception of Crime | 17. Deployable Officers |
| 8. Block Watch | 18. Volunteer / Reserve Constable hours |
| 9. Public Satisfaction | 19. Training Hours |
| 10. Perception of Accountability | 20. Victoria Community Information |

3

Highlights for Q3

- ☐ Trends in calls for service
- ☐ Operational update
- ☐ Community engagement



4

Calls for Service (VicPD's Jurisdiction)



5

Total Calls for Service (Victoria)



6

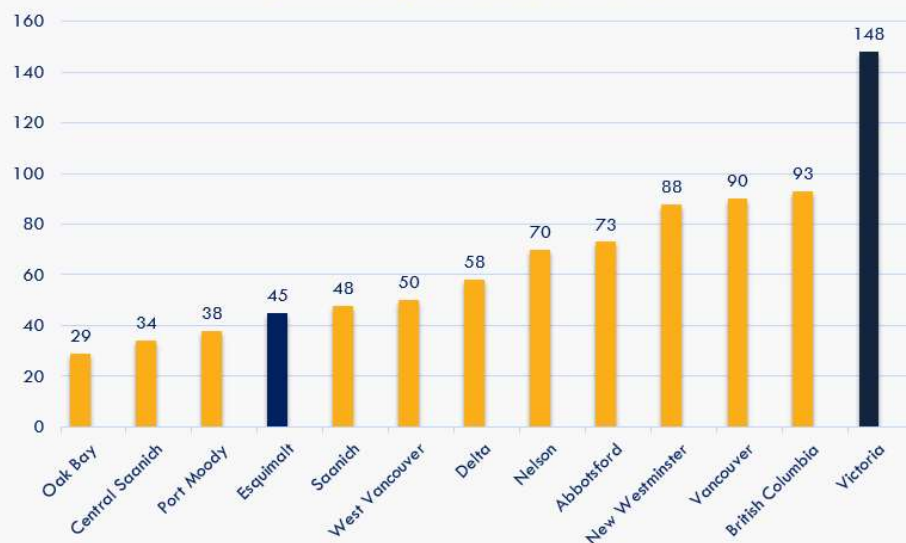
Operational Update

- ☐ Recovery from June 28th incident in Saanich (BMO bank)
- ☐ Fraud/scam investigations
- ☐ Violent files of note



9

2021 Crime Severity Index - BC Municipal Police Services

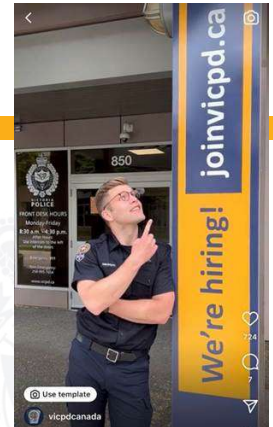


Source: StatsCan. Figures are rounded to the nearest whole number.

10

Community Engagement

- ❑ Recruiting
- ❑ Impaired driving campaign
- ❑ Back to School
- ❑ Community events
- ❑ “Stronger Together” event



11

Questions?



Officers sharing “blue heart” stickers on Canada Day

12



**Committee of the Whole Report
For the Meeting of November 24, 2022**

To: Committee of the Whole **Date:** November 9, 2022
From: Thomas Soulliere, Director of Parks, Recreation and Facilities
Subject: Topaz Park Improvement Plan: Proposed Phase 2 Concept Design

RECOMMENDATION

That Council approve the concept design for the Topaz Park Improvement Plan: Phase 2 project, as shown in Attachment A.

EXECUTIVE SUMMARY

The purpose of this report is to seek Council approval of the concept design for the next phase of improvements to Topaz Park. The scope of this phase includes sport courts, a fenced leash-optional dog area, a picnic area with a shade structure, an upgraded fitness area, a new plaza with play feature, new backstops and dugouts, spectator seating, new pathways, pedestrian lighting, and landscaping as shown in Attachment A.

This phase of improvements will complete the planned upgrades to the southern part of the park, as envisioned in the long-term park plan. In addition to new community amenities and upgraded sport facilities, the project will complete a key linkage in the pedestrian circulation through the park, connecting Topaz Avenue in the south to Finlayson Street in the north.

Should Council approve the concept designs in this report, staff will complete the detailed design and tender documents in 2023. Following the detailed design work staff will complete a funding proposal for the construction of the Phase 2 improvements, which will be included in the 2024 Financial Plan. Pending Council support for this in a future budget, construction will be planned to begin in the spring and be complete by the end of that year.

BACKGROUND

Located in the Hillside-Quadra neighbourhood, Topaz Park is one of Victoria's largest parks (10ha/24.85ac). The park is home to numerous amenities, including the City's only artificial turf sport field, grass sport fields, a lacrosse box, leash-optional dog area, fitness equipment, a playground, and new skateboard and bike parks. It is also a popular outdoor special event venue, hosting festivals, sports tournaments, and other annual gatherings.

In June 2018, Council adopted the Topaz Park Improvement Plan, with a vision for renewing and redeveloping the park. The City worked closely with the community to build the long-term plan, and the concept design for Phase 2 reflects the outcome of this extensive community engagement.

There are three major phases of renovations planned to achieve the park vision:

- Phase 1 (2020 - 2022): Skateboard and bike skills park (completed), and artificial turf sport field renovation and expansion (in progress)
- Phase 2 (2022 – 2024): Sport courts, central plaza (sport hub), fenced leash-optional area, picnic area, new backstops, spectators seating, fitness area upgrades, plaza, play feature
- Phase 3 (2024 – 2026): Sport box renewal, Finlayson Avenue parking lot upgrade, accessibility upgrades to the public washrooms

Previous Council Direction

- In June 2018, Council approved the Topaz Park Improvement Plan along with a phased implementation process.
- In January 2020, Council approved the first phase of investments for Topaz Park, which were included in the 2020 Financial Plan:
 - a. Allocate \$3.25 million from the Building Infrastructure Reserve Fund to complete the construction of a skateboard park, bike park, and related supporting infrastructure; and,
 - b. Allocate \$3.02 million from the Building Infrastructure Reserve Fund, and \$1.2 million from the Artificial Turf Field Reserve Fund, to complete the construction of the artificial turf field replacement project.
- In August 2021, Council approved the concept designs for the skateboard and bike parks and turf field expansion. Staff were directed to report back on the next phase of implementation of the Park Improvement Plan.
- In February 2022, Council approved \$350,000 of funding to complete the Phase 2 concept designs as part of the 2022 Financial Plan.

ISSUES & ANALYSIS

This scope of this project relies on the extensive community engagement completed through the development of the Topaz Park Improvement Plan, which determined the elements that would be included in the park along with the approximate size and location.

The proposed concept design for Phase 2 is shown in Attachment A, and the major components of the design are outlined in the following sections.

Leash-Optional Dog Area

The proposed design of the leash-optional area will provide improved accessibility and support year-round use of an existing area of the park already designated as leash-optional. The leash-optional area is fully fenced with three gated entries and an internal accessible looping path that connects to the park pathway and street sidewalk systems. A drinking fountain with pet bowl attachment is also provided within the fenced area.

A new entry feature at the corner of Topaz Avenue and Glasgow Avenue includes park signage, seating, bike parking, and a potable water station. Per previous Council direction, a memorial

plaque in this entry plaza will commemorate former police service dog, “Chase”. The grass field north of the playground will remain available as an alternate time-limited, unfenced leash-optional area.

A new path on the west side of the leash-optional area provides an accessible connection from the corner of Topaz Avenue and Glasgow Avenue to the picnic area and other amenities in centre of the park.

Pickleball Courts

The City currently has seventeen dedicated tennis courts, four dedicated pickleball courts, and six mixed-use (tennis/pickleball) courts. The Topaz Park Improvement Plan envisioned a mix of dedicated tennis courts and pickleball courts within the park. However, new information from court users, sport organizations, residents living near courts, and facility owners has illustrated the need for dedicated pickleball courts at locations set well back from residential properties to mitigate noise and conflicts between user groups on mixed-use courts. A letter from Tennis BC and Pickleball BC with their joint recommendations for this type of facility is appended in Attachment B.

Based on this new information, staff recommend a dedicated pickleball hub for Topaz Park. This facility will provide much-needed infrastructure to help meet the growing demand for the sport and reduce the need for shared courts in other areas of the city.

The concept plan includes eleven dedicated pickleball courts. Shaded rest areas provide comfortable places to sit for spectators and those waiting to use the courts. Pathways installed as part of the skatepark project provide accessible connections to the parking lot and public washrooms. The existing sports lighting, scheduled to activate from dusk until 10:00pm, allows for evening use of the courts. Subject to Council’s approval of the concept design, staff will consult with stakeholders from the pickleball community on the detailed design of the new facility.

Fitness and Picnic Areas

The outdoor fitness equipment will remain in its current location and be upgraded with rubber surfacing and additional components for improved functionality and accessibility. The picnic area will feature a new shade structure that will provide relief for park visitors on hot summer days. The picnic area is well situated for bike park access, offering an excellent viewpoint for parents and others to enjoy the action at the pump tracks.

Central Plaza

This area is the social heart of the park, and a new plaza will provide a central gathering space for socializing and events. Terraced seating built into the slope around the plaza will serve as spectator seating for the adjacent sport fields. A sloped play feature with rubber surfacing, slides and climbing features is situated between the two spectator seating areas. This area’s unique combination of features creates a vibrant node in the centre of the park that supports and enhances the use of amenities in surrounding areas.

Upgrades to the central sport fields include new backstops, dugouts, and scorer’s boxes. A new path with pedestrian lighting between the two grass sport fields completes a critical link in north-south pedestrian routes through the park. New paths to the east and west of the play slope will provide accessible connections from field level up to higher areas in the southern part of the park.

Budget

Council approved a \$350,000 budget for the design work associated with the Phase 2 improvements as part of the 2022 Financial Plan. Pending Council approval of the proposed concept design, the project team will proceed with detailed design and the preparation of construction documents for procurement utilizing the previously approved funding.

It is important for Council to be aware of the anticipated investment to construct the amenities being proposed. Staff requested a cost estimate from an external consultant with expertise in such projects. The table below outlines the estimated order-of-magnitude cost for the Phase 2 improvements, assuming this work occurs in 2024. The anticipated construction cost is based on a Class D cost estimate completed by Van der Zalm + Associates. A 30% project contingency has been included to account for typical cost escalation due to inflation, cost of materials, and other cost impacts.

Item	Construction Cost Estimate
Construction	\$3,750,000
Contingency (30%)	\$1,125,000
Total	\$4,875,000

Schedule

The graphic below details the project schedule. Pending Council approval of construction costs as part of the 2024 Financial Plan, construction of the improvements are expected to begin in spring 2024.

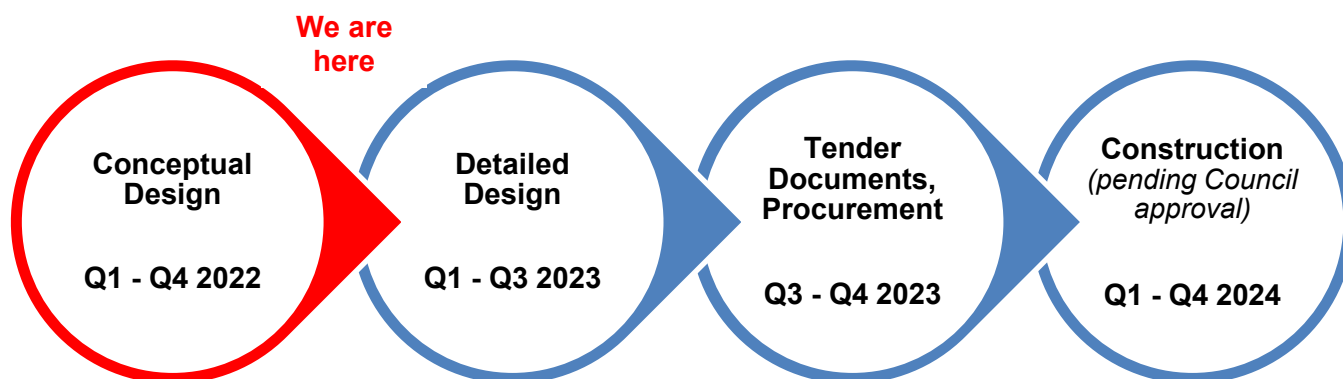


Figure 1: Project schedule

OPTIONS & IMPACTS

OPTION 1 (Recommended) That Council approve the concept design for the Topaz Park Improvement Plan: Phase 2 project, as shown in Attachment A.

Should Council support the proposed concept design, the project will proceed to detailed design utilizing previously approved funding. The investment for construction will be included in the draft 2024 Financial Plan for Council consideration, pending any further changes to City priorities.

OPTION 2 That Council refer the proposed concept design for the Topaz Park Improvement Plan: Phase 2 project back to staff for further refinement.

Should Council decline the proposed concept design, direction to staff regarding specific changes or areas of focus will be required. Depending on the scale of the changes required, there may be schedule and cost implications.

Accessibility Impact Statement

One of the primary objectives of the long-term vision for Topaz Park is improved accessibility throughout the park. The Topaz Park Improvement Plan includes a *Baseline Accessibility Assessment Report*, which highlighted key areas in need of improvement. As with the first phase of investments, the second phase of work will significantly improve accessibility for park users, including:

- Provide accessible pathway connections;
- Provide a standardized, cohesive network of high-visibility signage throughout the park;
- Provide innovative accessible spectator areas that are inclusive; and,
- Provide inclusive access to the outdoor fitness area and ensure it has equipment that can be utilized by all.

The Accessibility Advisory Committee was consulted during the Topaz Park Improvement Plan process and was provided with the *Baseline Accessibility Assessment Report* for review and feedback.

In September 2021, Council directed staff to explore the feasibility and impacts associated with renovating one of the Topaz Park public washrooms as part of the Phase 2 improvements. This direction included consideration of an adult change table complete with a lift and sling with a 600lb capacity that would allow the ability to move around the room and engagement with the Accessibility Advisory Committee on other accessibility improvements for the washroom.

In January 2022, Council directed staff to conduct an accessibility audit of all park washrooms and develop options for upgrading these facilities. Staff are exploring the feasibility and implications of the suggested improvements for Topaz Park through the *Park Washrooms Accessibility Study*, which is currently underway. This report is expected to be presented to Council in Q1 of 2023.

2019 – 2022 Strategic Plan

The improvements planned in the long-term vision for Topaz Park support the City's strategic objectives relating to Health, Wellbeing, and a Welcoming City, Strong, Livable Neighbourhoods, and Climate Leadership and Stewardship.

Impacts to Financial Plan

Council approved a \$350,000 budget for the design of Phase 2 improvements as part of the 2022 Financial Plan. Following the completion of detailed design, the final construction cost estimate will be prepared. This figure will inform the capital budget proposals for the draft 2024 Financial Plan.

Official Community Plan Consistency Statement

The Official Community Plan contains the following objectives for parks and open spaces, access to services and facilities, and facilities planning:

(9.1.2) Recognize and balance the multiple purposes and uses of parks, such as cultural events, recreation, sports, ecosystem services, commemoration and aesthetic enjoyment.

(9.14) Enhance child- and youth-friendly parks and recreational facilities, services, and programs in the City, to promote a healthy community and to help attract and retain households with children.

(9.18) Seek opportunities to integrate green infrastructure in park and recreational facilities during new construction and major upgrades

RECOMMENDATIONS

That Council:

That Council approve the concept design for Phase 2 improvements to Topaz Park, as shown in Attachment A.

Respectfully submitted,

Justin Dykstra
Manager
Park Design and Development

Derrick Newman
Assistant Director
Parks and Open Spaces

Thomas Soulliere
Director
Parks, Recreation and Facilities

Report accepted and recommended by the City Manager.

List of Attachments

Attachment A: Topaz Park Improvement Plan: Phase 2 Concept Design Report

Attachment B: Joint Recommendation Pickleball BC and Tennis BC

Attachment A

Topaz Park Improvements: Phase 2 Concept Design Report

OVERALL CONCEPT PLAN

The second phase of the Topaz Park Improvement Plan builds on the design of the skate and bike parks was completed in the summer and invites park users to enjoy a host of new amenity spaces and facilities.

This phase of the park improvements will bring a redesigned leash-optional dog area with improved accessibility and overall space, improved fitness and picnic opportunities including new shade structure, brand new sports courts to meet the growing demand for pickleball in Victoria, a centralized plaza with adjacent play slope and spectator seatings for community events, socializing and sports viewing, as well as a redesigned path system that improves overall accessibility through the park.



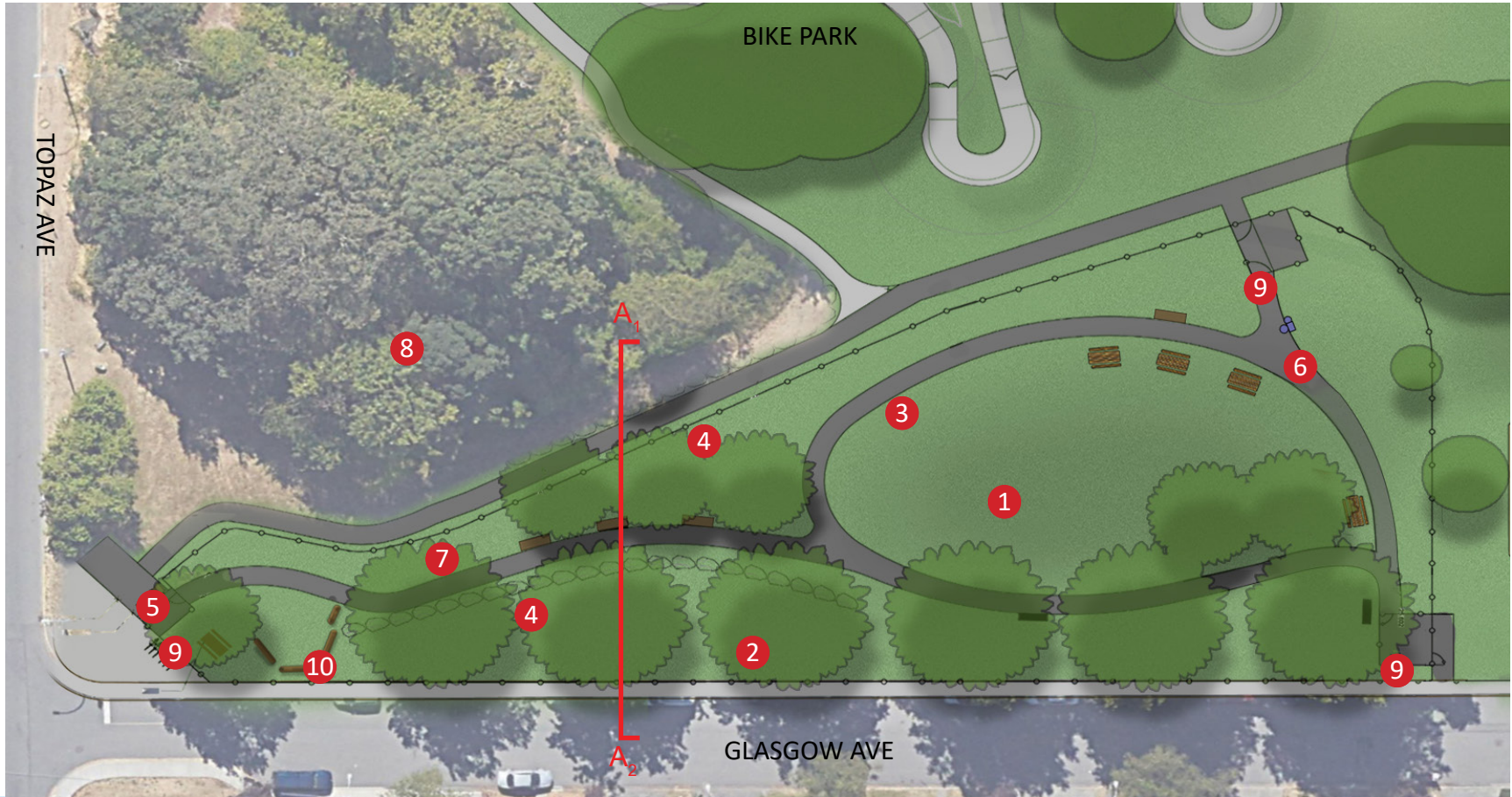
LEGEND

- 1 Play Slope and Slides
- 2 Backstops and Spectator Seating
- 3 Sports Courts
- 4 Plaza with Light Feature
- 5 Improved Fitness Area
- 6 Picnic Area and Shelter
- 7 Playground (Existing)
- 8 Fenced Leash-Optional Area
- 9 Natural Area (Existing)
- 10 Public Washroom (Existing)
- 11 Parking (Existing)
- 12 Sport Box (Existing)
- 13 Artificial Turf Field (Existing)
- 14 Bike Park (Existing)
- 15 Skate Park (Existing)
- 16 Rain Garden (Existing)

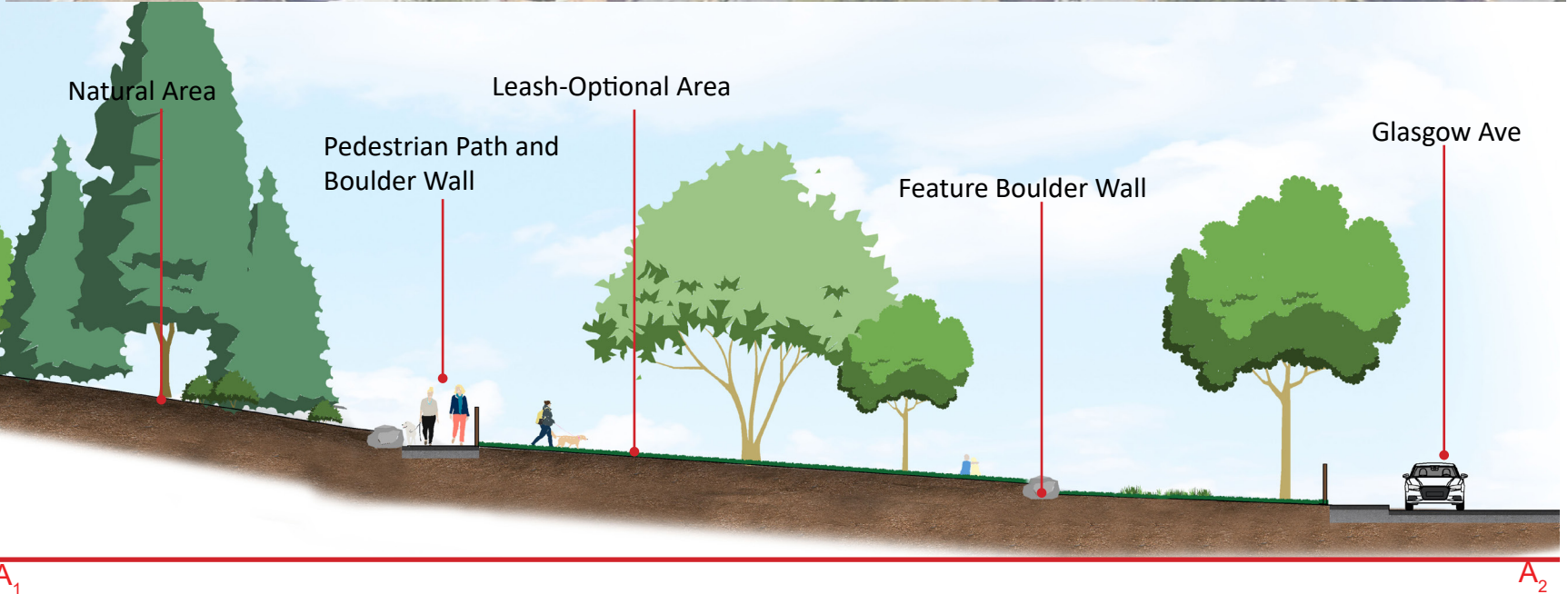


FENCED LEASH-OPTIONAL AREA

Enhancements to the dog leash-optional area will improve accessibility and year-round use. The leash-optional area will be fully-fenced with three double-gated entry points. An internal accessible looping path will create exercise opportunities while connecting into the larger park and street pathway system. Boulder retaining walls will make this previously sloping site flatter, improving accessibility and usability. A new entry feature at the corner of Topaz Ave and Glasgow Street will provide park signage, seating, bike parking, and a water station.



- Legend
- 1 Leash Optional Area
 - 2 Existing Boulevard Trees
 - 3 Internal Walking Path
 - 4 Feature Boulder Walls
 - 5 Entry Plaza
 - 6 Drinking Fountain with Pet Bowl
 - 7 Accessible Pathway
 - 8 Existing Natural Area
 - 9 Double-Gated Entry
 - 10 Integrated Log or Bench Seating



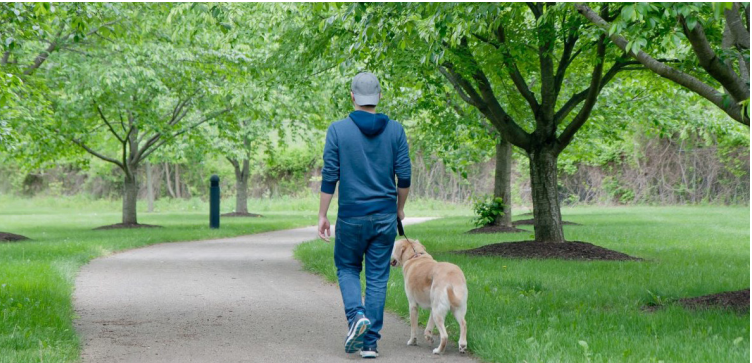
A₁
Dog Park Section



Fenced Leash-Optional Area



Double Gated Entry



Internal Walking Path

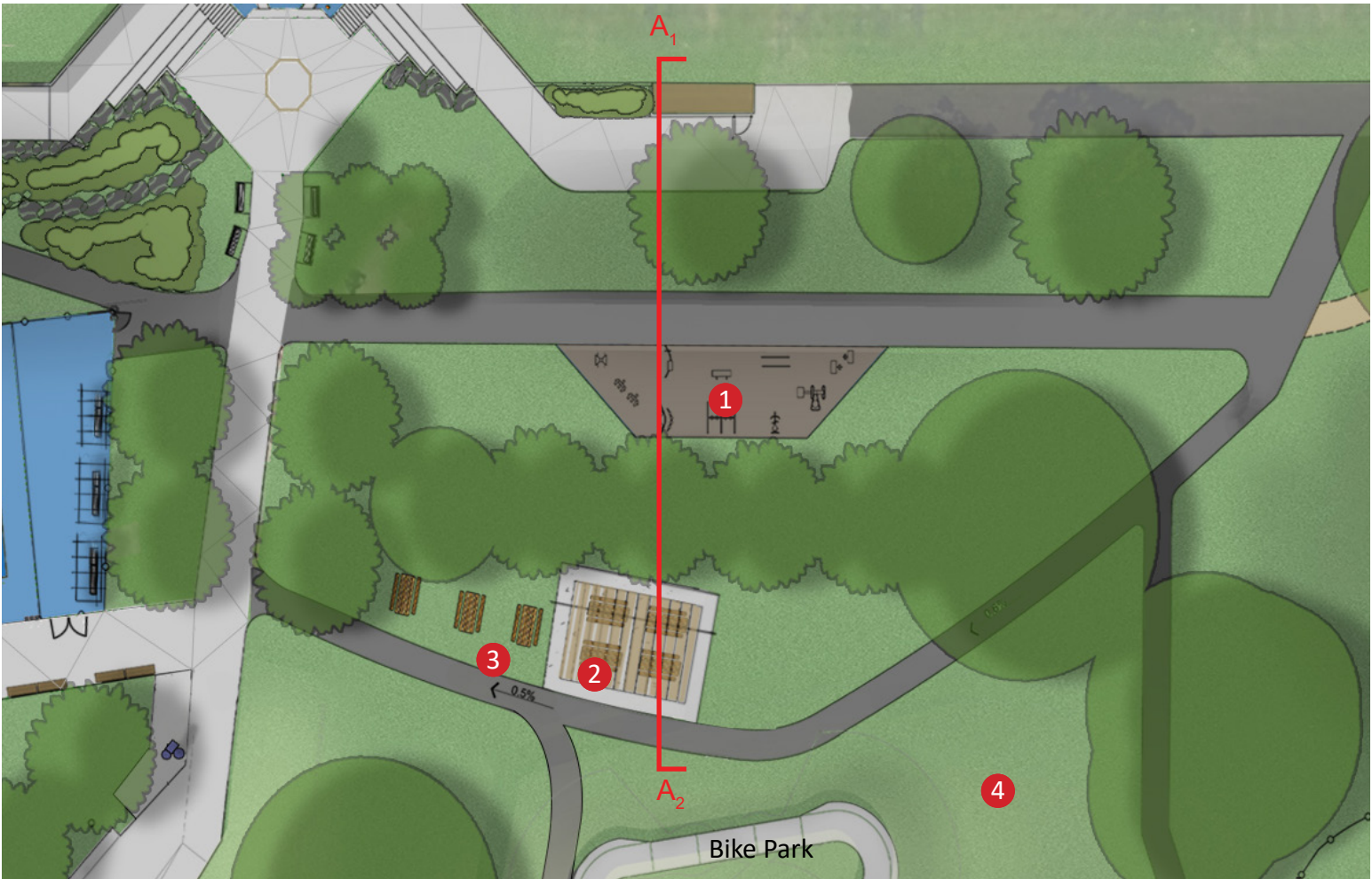


Feature Boulder Walls

FITNESS AND PICNIC AREA

The fitness area will reuse some of the existing fitness equipment, add new pieces to improve usability, and be upgraded to rubber surfacing for accessibility. The picnic area will feature a new shade structure providing relief from the hot summer sun. The picnic area will also be well situated for observing and accessing the pump track, providing an excellent viewpoint for parents supervising kids and other park users enjoying the action of the bike park.

- Legend
- 1 Training and Fitness Area
 - 2 Shade and Picnic Shelter
 - 3 Open Picnic Area
 - 4 Flexible Open Program Space



Fitness and Picnic Area Plan



Fitness and Picnic Area Section



Training and Fitness Area



Flexible Open Program Space



Shade and Picnic Shelter

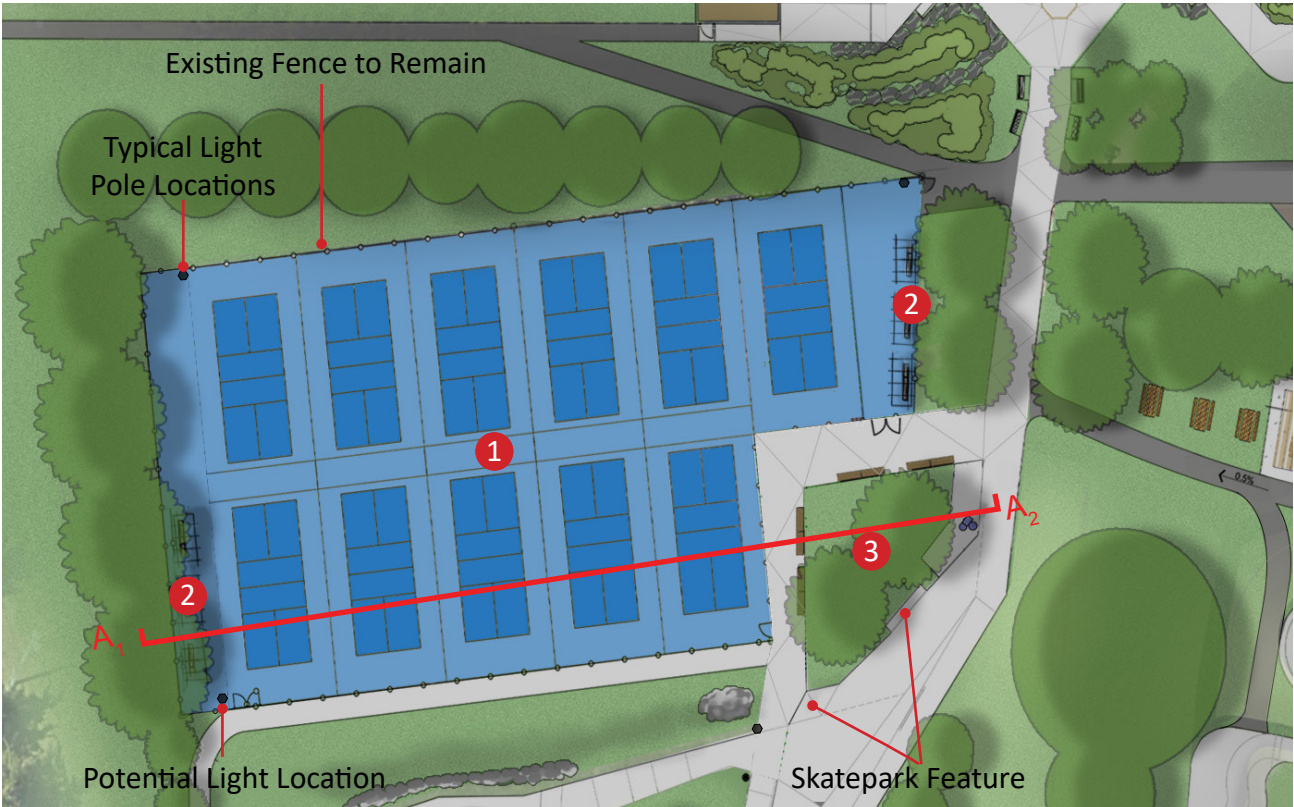


Open Picnic Area

SPORTS COURTS

The new sports courts will feature colourful surfacing, bringing excitement and energy into the space. Shaded waiting areas will provide a comfortable resting and gathering space for people waiting to use the courts. The adjacent green space (3) will provide an area for spectating both the sports courts and the skatepark while offering more space in the park for open-ended programming. The facility consists of eleven dedicated pickleball courts and will be well-suited as a tournament site.

- Legend
- 1 Sports Courts
 - 2 Covered Rest and Waiting Area
 - 3 Spectating and Open Program Space



Pickleball Courts Plan



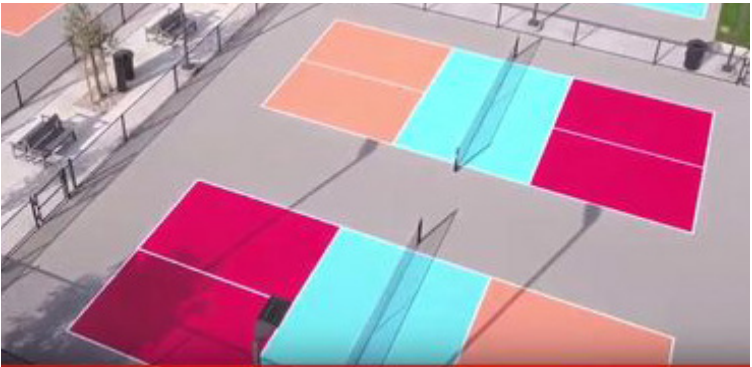
A₁
Pickleball Section



Sports Courts Precedent Image



Sports Courts Precedent Image



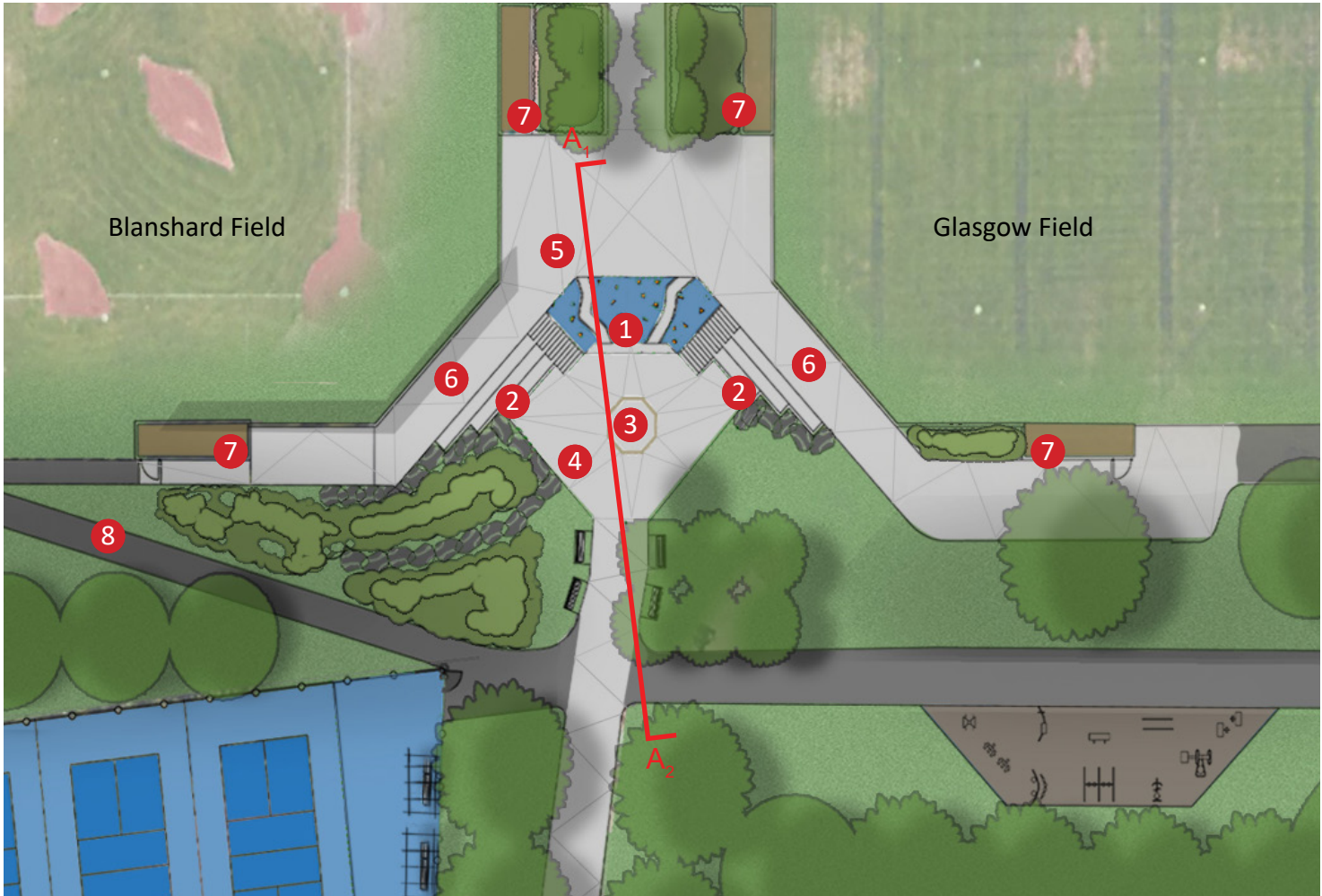
Sports Courts Precedent Image



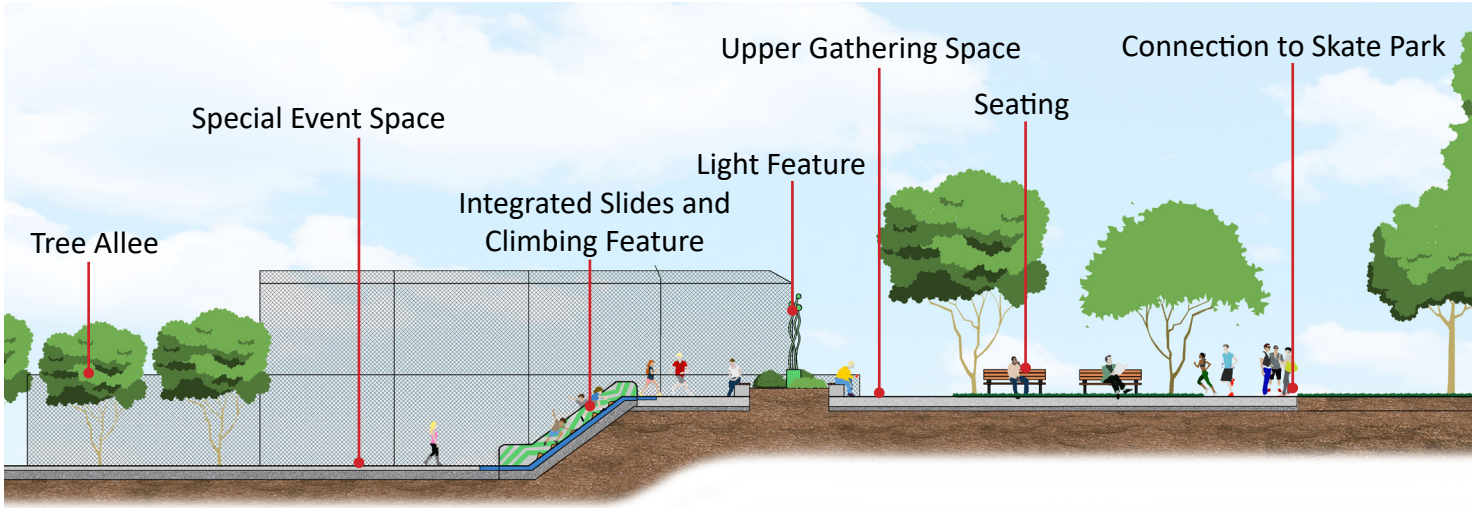
Covered Rest and Waiting Area

CENTRAL PLAZA

This area is the social heart of the park, providing a central gathering space for people using any of the amenities across the park. It will provide ample space for events and festivals and includes vehicle access to both the upper and lower areas. Behind the backstops, new integrated spectator seating will provide excellent views of the sports fields as well as seating and social space during events. Running down the centre of these grandstands will be a feature play area, with a rubberized climbing surface and two slide options. A lighting feature ties the sports hub together and creates a central focal point for park users across the site. Blanshard field will have a raised perspective due to the surrounding grades and accessibility allowing the field to have a small concrete backstop.

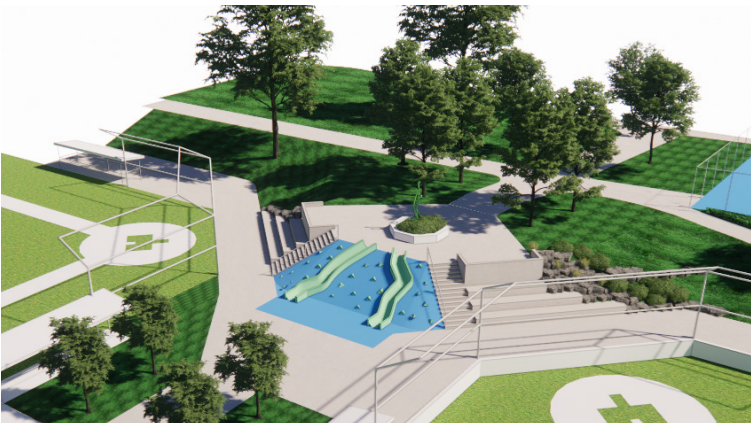


Central Plaza Plan

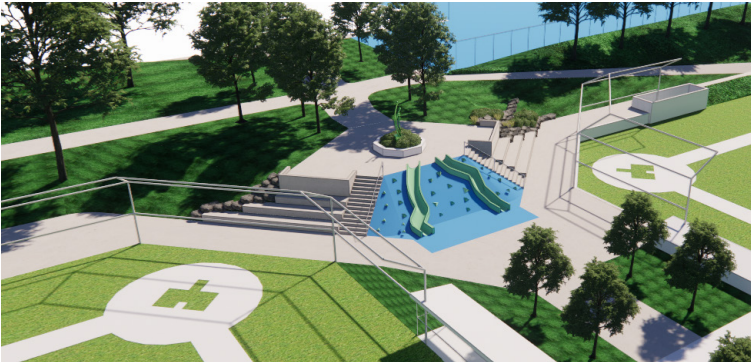


Central Plaza Section

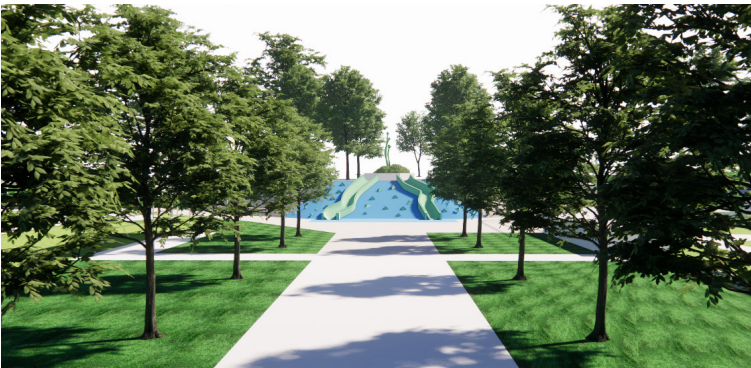
- Legend
- 1 Integrated Slides & Climbing Feature
 - 2 Spectator Seating
 - 3 Light Feature
 - 4 Upper Gathering Area
 - 5 Lower Special Events Space
 - 6 Backstops
 - 7 Dugouts
 - 8 Accessible Path Connection to Artificial Turf Field
 - 9 Accessible Path Connection to Blanshard



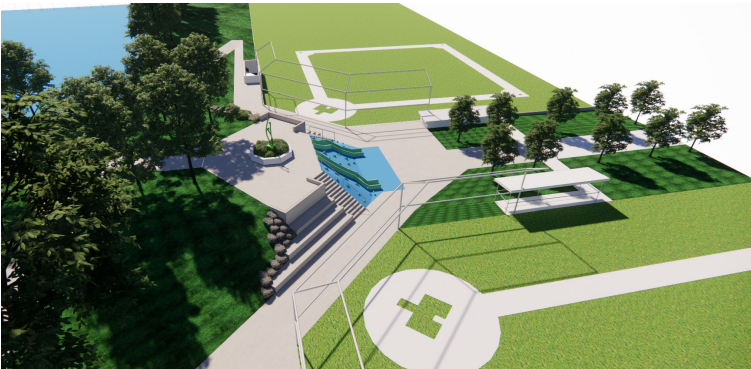
3D Rendering Image



3D Rendering Image



3D Rendering Image



3D Rendering Image

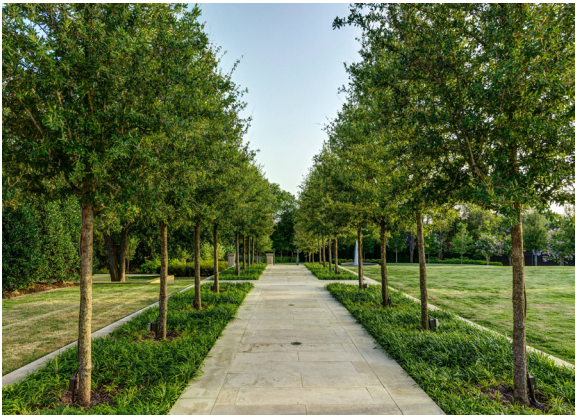
PRECEDENT IMAGERY



Integrated Slide



Seating



Tree Allee



Grandstand Seating



Lighting Options



Sports Courts

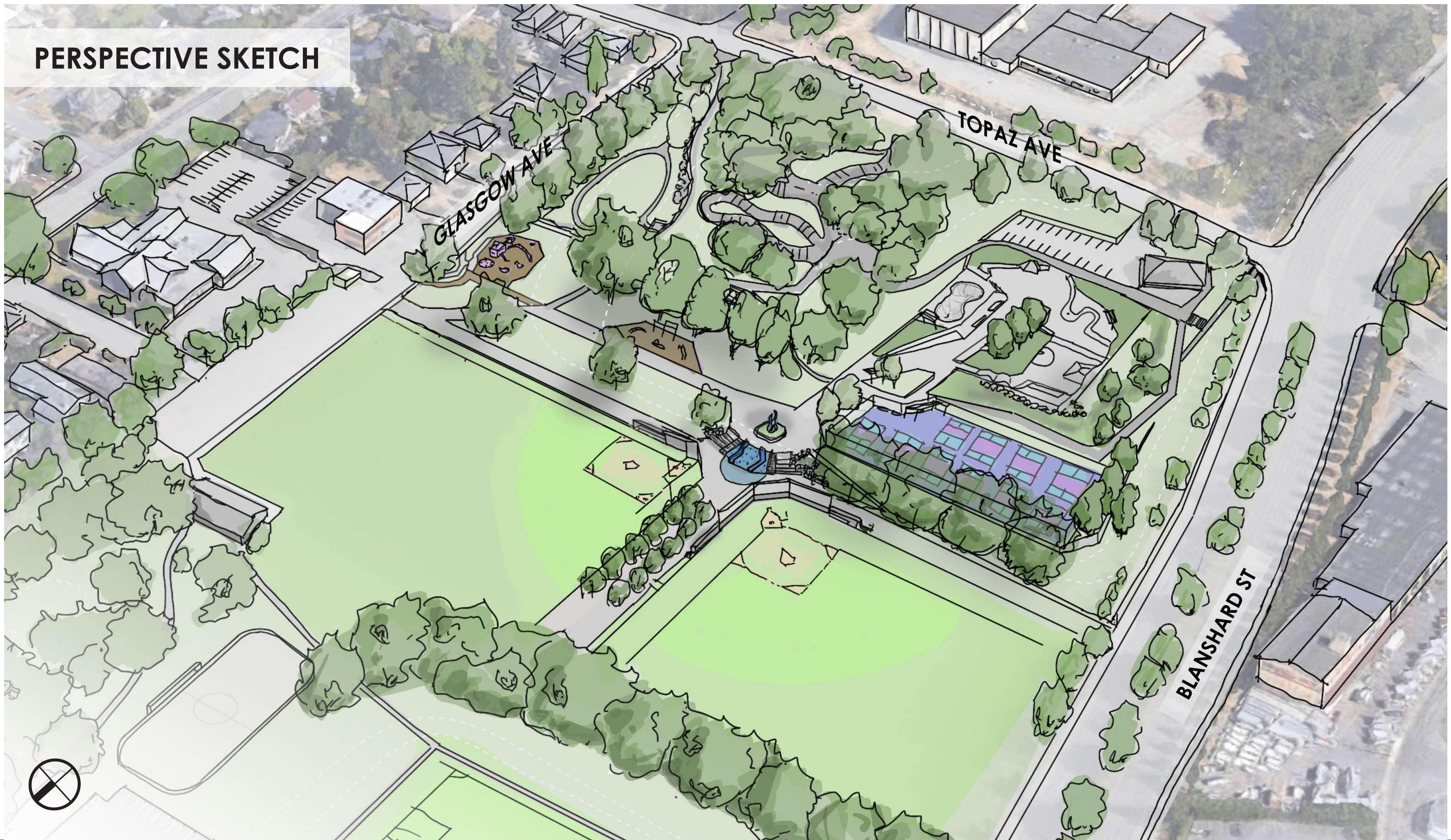


Exercise Equipment



Picnic Shelter

PERSPECTIVE SKETCH



Attachment B

Joint Recommendation Pickleball BC and Tennis BC



PICKLEBALL AND TENNIS

A SOLUTION THAT MEETS THE NEEDS OF BOTH SPORTS



November 14, 2021

Tennis and Pickleball are different sports that have very different needs. A common response to the problem of inadequate pickleball facilities is to add pickleball lines to tennis courts. However, this attempted solution hasn't worked out well for either sport and has often led to on-going frustration and conflict. Tennis BC and Pickleball BC have worked collaboratively over the past year to analyze the issues, research best practices, and produce a recommendation for municipalities across the province.

Our joint recommendation is to build dedicated pickleball courts.

BACKGROUND

Pickleball has been around since 1965, but has exploded in popularity in recent years. Tennis in Canada is also experiencing tremendous growth, led by Canadian tennis players' continuing success on the world stage. The two sports have some minor similarities, but are fundamentally very different, having different court sizes, net heights, net widths, and using different balls, racquets/paddles, and scoring systems.

A dedicated pickleball court is a court lined exclusively for pickleball with permanent pickleball posts and a regulation pickleball net. Municipalities' recreational plans typically have a tennis court-to-population ratio. However, many BC municipalities have few, or no, dedicated pickleball courts. In communities lacking dedicated pickleball courts, pickleball is played on public tennis courts. Either the municipality has added pickleball lines to some of their public tennis courts, or the pickleball players themselves, chalk or tape their lines on public tennis courts. This has led to extreme pressure on these tennis courts, and on local governments to provide pickleball courts to meet the growing needs of the pickleball community.

WHY PICKLEBALL HUBS WORK

A *pickleball hub* is a group of dedicated pickleball courts. Pickleball is a highly social activity. Its players enjoy gathering in groups and playing lots of games with different partners and opponents. Pickleball hubs are easy to build because 8 pickleball courts have a footprint similar to that of 2 tennis courts.



Countless research findings espouse the exceptional physical and mental health benefits of racquet sports. Many BC municipalities recognize the value that a pickleball hub brings to their community. Purpose built pickleball courts with permanent nets and proper playing surfaces make playing pickleball in these communities very attractive to local and out of town players. A hub provides the opportunity for tournaments and the economic benefits they bring. Many BC communities have popular

pickleball hubs. These include (# of courts): Chemainus (6), Penticton (6), West Kelowna (12), Kelowna (12,4), Vernon (12 indoor), Cranbrook (8), Prince George (6) North Saanich (4), North Vancouver (5), Delta (8,4,3), Terrace (4), and Christina Lake (6). The critical message here is that a single hub can have a positive impact on a community.

ISSUES WITH DUAL-PURPOSE COURTS

Different Courts

Some BC municipalities have added pickleball court lines to a number of their tennis courts, expecting pickleball players to simply use the tennis net. Because a tennis net is higher than a pickleball net, pickleball players will sometimes hang heavy objects on the nets to lower them. Other players bring tools to lower the net. Tennis nets are not designed to be repeatedly lowered and raised. This practice damages the nets, significantly increasing the capital costs for municipalities to maintain these courts. A tennis net is also wider than a pickleball net. Having to play with nets that are too high and too wide would be unsatisfactory for anyone playing any sport that involves a net.

Different Sports

Tennis players usually play multiple sets, each lasting about half an hour. If others are waiting, players must limit their time on public courts to 30 minutes or one set and then wait their turn to return to the court. Pickleball games are played to 11 points, which usually takes much less time than a set of tennis. Players typically rotate on and off the court over a couple of hours. When courts are being shared by the two sports, this difference in usage has led to heated conflict, and animosity between the tennis and pickleball participants.

Municipal tennis courts have been purpose built for tennis. They are often located in urban parks in residential areas. The sound of

pickleball play is “sharper”, and travels farther, than the sound of tennis play. Also, pickleball players tend to organize games for larger groups of players than tennis players do. Thus, the proximity of tennis courts to surrounding residences, and the amount of parking provided at tennis courts, may both be inappropriate for pickleball play.



Painting pickleball lines on tennis courts creates two dissatisfied sports groups, and the resulting conflict inevitably ends up at City Hall. If the dual-purpose courts are poorly located then neighbourhood complaints also ensue. Building pickleball hubs in suitable locations, and then removing pickleball lines from tennis courts, allows both sports to be enjoyed without complaints from either group or from neighbours.

Under no circumstance are we advocating for the loss of pickleball courts. Where pickleball courts have already been added to a tennis court(s), this situation should remain until dedicated pickleball courts have been built.

ADVANTAGES OF PICKLEBALL HUBS

Pickleball BC and Tennis BC are both advocating for pickleball hubs as the best long-term solution for municipalities with large or avid pickleball communities.

- Provides a multi-court facility without requiring a large parcel of land
- Eliminates conflict with tennis players on shared courts
- Provides pickleball players with proper courts and nets
- Provides a centralized location for recreational and tournament play

- Enhances a community's appeal as a potential home or vacation destination
- Relieves the pressure on tennis courts
- Reduces or eliminates ongoing costs to repair damaged nets



Sport facilities such as tennis courts, lacrosse boxes, basketball courts, etc. are sometimes underutilized because of their condition or location. We realize that some communities may opt to build a pickleball hub by repurposing such facilities because this is easier and less expensive than building new courts from scratch. Municipalities considering this option should consult with local representatives from all the affected sports. Consultation with tennis users ensures that the municipality is aware of the demand and value of various courts for neighbourhood, league, and tournament play. As is the case for determining an appropriate location for any pickleball court or hub, neighbourhood proximity and parking concerns must be taken into consideration when repurposing another facility.

COMMUNITY CONSIDERATIONS

We recognize that different communities have different circumstances, needs, and means, and that not all communities will be able to build a pickleball hub. Adding pickleball lines to tennis courts is obviously better for pickleball players than having no pickleball courts at all. However, there are right and wrong ways to create and to manage dual-purpose courts. Municipalities should consult with local representatives from both sports.

SUMMARY

- Both tennis and pickleball are growing in popularity and participation.
- Pickleball is underserved, particularly with respect to dedicated courts.
- Tennis and pickleball are different sports with different needs.
- More pickleball courts are needed while minimizing the impact on tennis courts.
- Pickleball court location must account for sound and parking issues.
- When contemplating making a significant change to any municipal sport facility, municipalities should consult with local representatives from all the affected sports.

Tennis BC and Pickleball BC's joint recommendation is to:

Build Pickleball Hub(s)



For more information, or to discuss this issue, please contact:

Walter Knecht, President-Pickleball BC
walter@pickleballbc.ca



or

Mark Roberts, CEO-Tennis BC
mroberts@tennisbc.org

2022 | CITY OF VICTORIA | Parks, Recreation and Facilities

Topaz Park Improvement Plan: Phase 2 Proposed Concept Design

Committee of the Whole
November 24, 2022





1

Purpose

To seek Council approval of the concept design for the Topaz Park Improvement Plan: Phase 2 project

City of Victoria ► Topaz Phase 2 Concept Design



2

Background

- Topaz Park Improvement Plan (2018)
 - 10-year phased implementation
 - Extensive engagement process
 - **87%** community support
- Phase 1:
 - Skate & Bike Parks (completed)
 - Artificial Turf Field Replacement (underway)

City of Victoria ► Topaz Phase 2 Concept Design

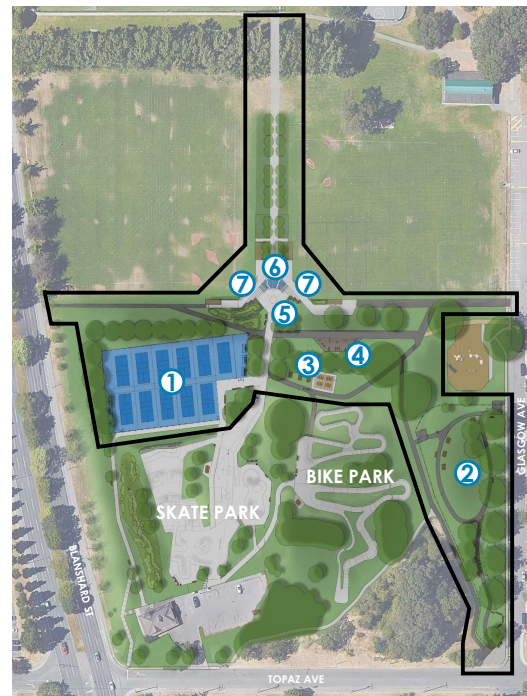


3

Concept Design

- ① Pickleball Courts
- ② Fenced Leash-Optional Area
- ③ Picnic Area
- ④ Improved Fitness Area
- ⑤ Central Plaza
- ⑥ Play Feature
- ⑦ Backstops, Spectator Seating

City of Victoria ► Topaz Phase 2 Concept Design



4

Leash-Optional Area

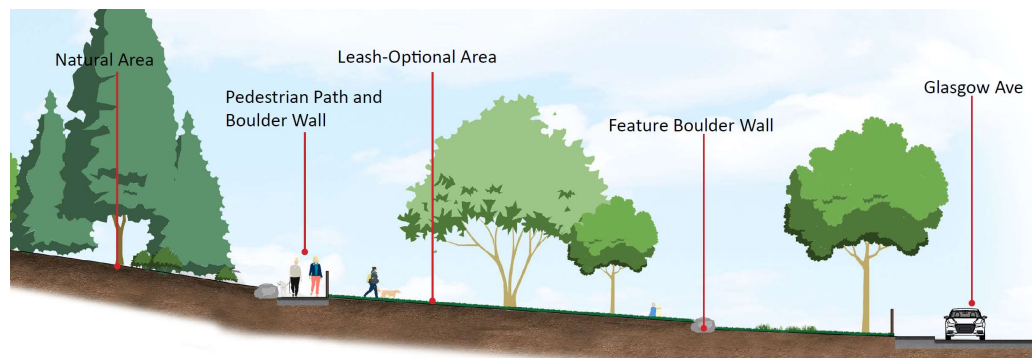
- ① Perimeter Fence
- ② Double-Gated Entries
- ③ Drinking Fountain with Pet Bowl
- ④ Accessible Looping Path
- ⑤ Boulders/Slope Retention
- ⑥ Play/Seating Logs
- ⑦ Bike Parking

City of Victoria ► Topaz Phase 2 Concept Design



5

Leash-Optional Area Section



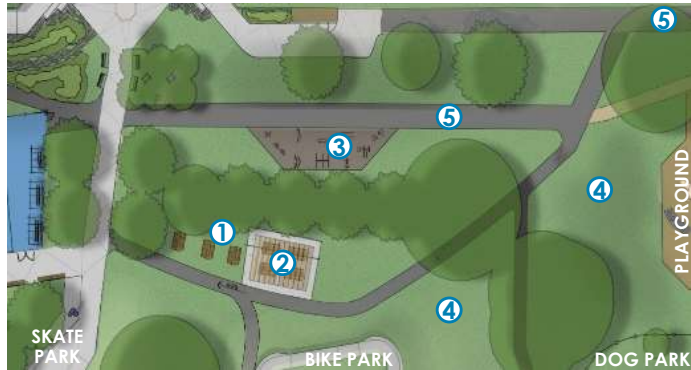
City of Victoria ► Topaz Phase 2 Concept Design



6

Fitness and Picnic Area

- ① Picnic Area
- ② Shade Structure
- ③ Improved Fitness Area
- ④ Open Space
- ⑤ Lighted Accessible Route to Glasgow Parking Area

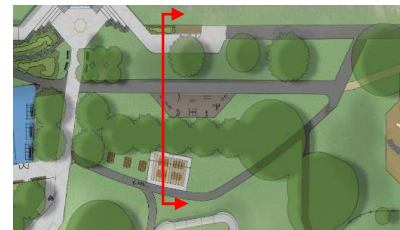


City of Victoria ► Topaz Phase 2 Concept Design



7

Fitness and Picnic Area Section



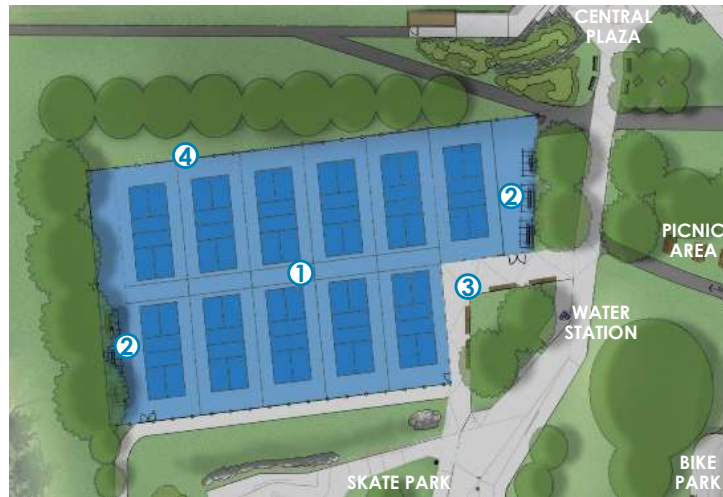
City of Victoria ► Topaz Phase 2 Concept Design



8

Sport Courts

- ① Pickleball Courts
- ② Waiting Area with Seating, Shade Structures
- ③ Spectator/Social Area
- ④ Perimeter Fence



City of Victoria ► Topaz Phase 2 Concept Design



9

Sport Courts Section



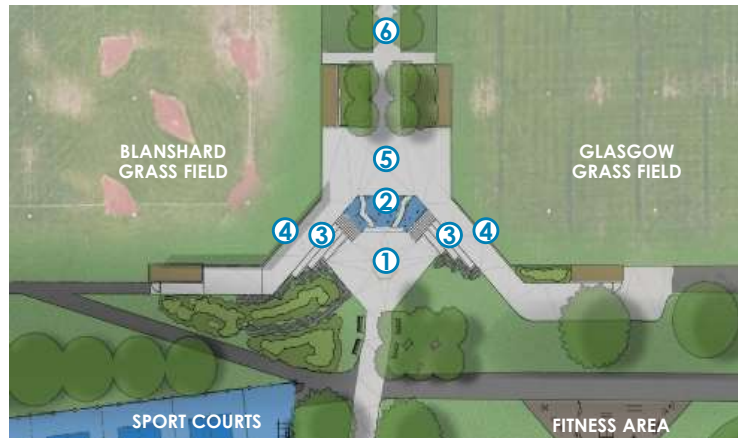
City of Victoria ► Topaz Phase 2 Concept Design



10

Central Plaza

- ① Upper Plaza/Gathering Space
- ② Play Feature
- ③ Spectator Seating
- ④ Backstop, Dugouts
- ⑤ Lower Plaza/Event Space
- ⑥ Lighted Accessible Route to North Park Area

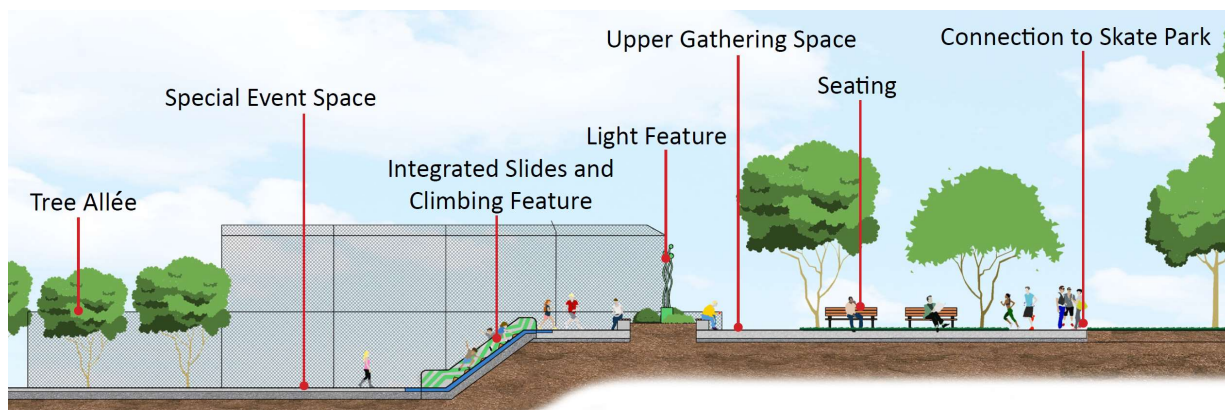
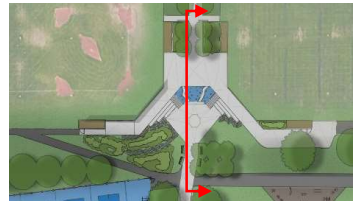


City of Victoria ► Topaz Phase 2 Concept Design



11

Central Plaza Section



City of Victoria ► Topaz Phase 2 Concept Design



12



13



14

Budget

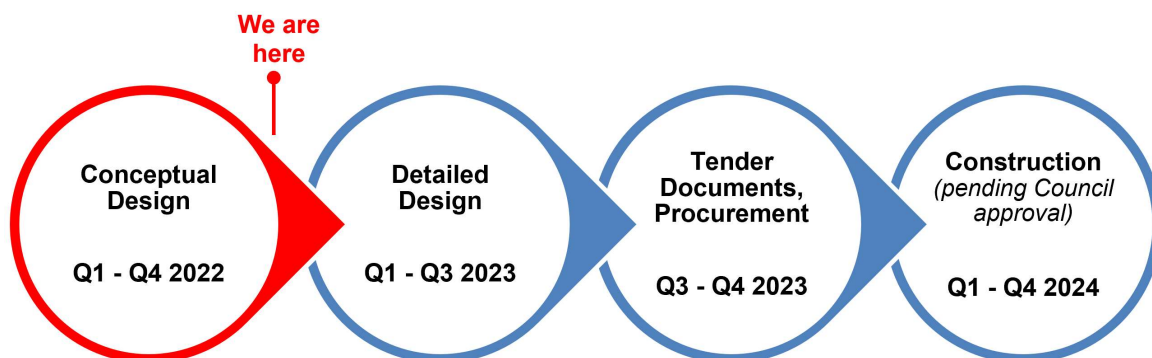
- Funding for detailed design (\$350,000) already approved in 2022 Financial Plan
- Following the completion of detailed design, a construction cost estimate will be confirmed, and funding included in the draft 2024 Financial Plan
- Order-of-magnitude cost estimate for construction (\$4.9 million)

City of Victoria ► Topaz Phase 2 Concept Design



15

Project Schedule



City of Victoria ► Topaz Phase 2 Concept Design



16

Recommendation

That Council approve the concept design for the Topaz Park Improvement Plan: Phase 2 project, as shown in Attachment A of the staff report



Committee of the Whole Report

For the Meeting of November 24, 2022

To: Committee of the Whole **Date:** November 14, 2022
From: Jo-Ann O'Connor, Deputy Director of Finance
Subject: 2023 Utility Rates

RECOMMENDATION

That Council:

1. Direct staff to bring forward bylaws outlining water utility, sewer utility, stormwater utility, and solid waste user fee increases for 2023 to the December 1, 2022, daytime Council meeting for consideration of first, second and third readings.

EXECUTIVE SUMMARY

The City's water, sewer, and stormwater utilities in addition to solid waste and recycling programs are self-funded entities. The water and sewer utilities and solid waste and recycling programs are self-sustaining through the revenue provided by user fees and utilize the approach of paying based on consumption. The majority of the stormwater utility is funded through user fees, though a portion is funded through property taxes intended to cover the costs to maintain the City's rights-of-way. The revenue collected from the stormwater program is based on property attributes such as impervious surface, thus connecting the impact a property has on the City's stormwater system.

Each year, staff review the City's Utility operations, maintenance and capital programs to determine the revenue needed to support a sustainable utility program. This process results in a draft budget that is developed based on direction of various master plans, condition assessments, and strategies.

The major cost drivers for the budget and rate changes are the costs imposed upon the City by the Capital Regional District (CRD) for the purchase of water and solid waste tipping fees, contractual obligations for salary and benefit increases, and inflationary costs to maintain the operating and capital assets programs. For 2023, the proposed total utility user fee revenue is about \$42.4 million which represents about 15% of the City's total overall revenue. The annual revenue requirements to sustain these utilities are translated into rates which are then billed to the ratepayers. The proposed increases to the average residential customer is \$28 for water, \$17 for sewer and \$13 for each solid waste and stormwater; and the proposed increase to the typical small business customer is \$28 for water, \$17 for sewer and \$31 for stormwater.

The City of Victoria property owners pay separate utility and property tax bills. The water, sewer and solid waste and recycling bills are issued every four months and the stormwater utility bills are

issued in October.

User fees are reviewed annually to ensure there is sufficient funding for the City's utilities and are approved by Council prior to the end of each year to take effect on January 1 of the following year.

PURPOSE

The purpose of this report is to outline the 2023 utility rate requirements and impacts for Council's review and to seek direction for staff to bring forward the water, sewer, stormwater and solid waste and recycling fees for adoption effective January 1, 2023.

BACKGROUND

Utility rates are set to collect the revenue required to fund the costs of providing the specific utility services. Major costs include the purchase of services and bulk water from the Capital Regional District (CRD), contractual obligations such as salaries and benefits, capital investment for water, sewer and stormwater distribution systems, and operating costs to maintain the systems.

The budget covers the calendar year (the City's fiscal year), and the revenue and rate calculations are based on the assumption that fee changes will be implemented on January 1, 2023. Therefore, adoption of new utility rates is required prior to the end of 2022 to take effect by January 1, 2023.

ISSUES & ANALYSIS

Average Residential Property

The proposed total overall utility user fees will be approximately \$1,072 an increase of \$71 over 2022, comprised of \$28 for water, \$17 for sewer and a \$13 for each solid waste and stormwater.

The following table summarizes the 2023 proposed rate impacts.

Total Rate Increase	2022	2023	Dollars \$	Percentage %
Water Utility - 80 units	\$ 465	\$ 493	\$ 28	6.02%
Sewer Utility - 80 units	\$ 171	\$ 188	\$ 17	9.94%
Solid Waste - 120 litre bin	\$ 230	\$ 243	\$ 13	5.65%
Stormwater Utility	\$ 135	\$ 148	\$ 13	9.63%
Estimated Increase	\$ 1,001	\$ 1,072	\$ 71	7.09%

Typical Small Business Property

The proposed total overall utility user fees will be approximately \$1,132, an increase of \$76 over 2022, comprised of \$28 for water, \$17 for sewer, and \$31 for storm water.

The following table summarizes the 2023 proposed rate impacts.

Total Rate Increase	2022	2023	Dollars \$	Percentage %
Water Utility - 80 units	\$ 465	\$ 493	\$ 28	6.02%
Sewer Utility - 80 units	\$ 171	\$ 188	\$ 17	9.94%
Stormwater Utility	\$ 320	\$ 351	\$ 31	9.69%
Business Licence	\$ 100	\$ 100	\$ -	0.00%
Estimated Increase	\$ 1,056	\$ 1,132	\$ 76	7.20%

Water Utility

Water services for the City of Victoria and the Township of Esquimalt are provided by the City of Victoria Water Utility. The Water Utility is a self-funded program that operates, maintains, and constructs water infrastructure that delivers safe drinking water to the public and provides sufficient pressure and flow for fire protection and compliance with federal and provincial regulations. User fees are the primary source of revenue for this fund. The Water Utility purchases wholesale water from the Capital Regional District (CRD).

The 2023 draft Water Utility budget is \$24.9 million (Appendix A) which is an increase of \$2.1 million or a 9.02% over 2022. The major costs drivers are the CRD bulk water purchase, contractual obligations for salaries and benefits, inflationary pressures on materials, equipment, and capital infrastructure renewal program.

The table below outlines the main cost drivers.

Water Cost Drivers	Dollars \$	Percentage %
Salaries & Benefits	\$ 157,300	0.69%
CRD Water Purchase	\$ 1,117,970	4.89%
Materials & Equipment	\$ 46,760	0.20%
Transfer to Capital	\$ 740,000	3.24%
Total	\$ 2,062,030	9.02%

Sewer Utility

The City of Victoria's Sewer Utility is a self-funded entity that operates, maintains, and constructs the City's sanitary sewer system. The City's portion of the system includes the wastewater collection system of pipes and pumps that convey flows to the CRD system and wastewater treatment facilities. An efficient sanitary sewer system provides a foundation for public health and community well-being. User fees are the primary source of revenue for this fund.

The 2023 draft Sewer Utility budget is \$9.3 million (Appendix B) which is an increase of \$917,370 or a 10.89% over 2022. The major cost driver of the Sewer Utility budget is the investment and inflationary demands related to the management of capital assets, contractual obligations for salaries and benefits and inflationary pressures on materials and equipment.

The table below outlines the main cost drivers.

Sewer Cost Drivers	Dollars \$	Percentage %
Salaries & Benefits	\$ 103,370	1.23%
Materials & Equipment	\$ 99,000	1.18%
Transfer to Capital	\$ 715,000	8.49%
Total	\$ 917,370	10.89%

Stormwater Utility

The City of Victoria's Stormwater Utility is a self-funded entity that operates, maintains, and

constructs the City's stormwater system. An efficient stormwater system manages run off to reduce contamination and pollution of waters to minimize impacts to marine life. Stormwater management is required by provincial and environmental regulations. The funding for the majority of this utility's costs is covered by a stormwater user fee. However, a portion representing the cost of City rights-of-way continues to be funded by property taxes.

The 2023 draft Stormwater Utility budget is \$7.9 million (Appendix C) which is an increase of \$568,900 or a 7.74% over 2022. Like the other utilities, the major cost driver of the Stormwater Utility budget is the investment in and inflationary demands related to the management of capital assets. This is followed by the contractual obligations for salaries and benefits and inflationary pressures on materials and equipment.

The table below outlines the main cost drivers.

Stormwater Cost Drivers	Dollars \$	Percentage %
Salaries & Benefits	\$ 131,100	1.78%
Materials & Equipment	\$ 47,800	0.65%
Transfer to Capital	\$ 390,000	5.31%
Total	\$ 568,900	7.74%

Solid Waste and Recycling

The City's solid and organic waste is a self-funded entity that operates and maintains the collection from residential properties every two weeks. This program provides collection and transfer of residential garbage, organic waste, and yard waste from City households. This also includes the maintenance, repairs, and replacement of approximately 27,500 wheeled bins.

The 2023 draft Solid Waste Utility budget is \$3.6 million (Appendix D) which is an increase of \$198,010 or a 5.80% over 2022. The major cost drivers of the Solid Waste and Recycling budget is comprised of the contractual obligations for salaries and benefits, the tipping fees paid to the CRD and inflationary pressures on materials and equipment.

The table below outlines the main cost drivers.

Solid Waste & Recycling Cost Drivers	Dollars \$	Percentage %
Salaries & Benefits	\$ 87,710	2.57%
Tipping Fees	\$ 50,000	1.47%
Materials & Equipment	\$ 60,300	1.77%
Total	\$ 198,010	5.80%

Utilities Capital Program

The draft Capital Utilities budget for 2023 totals over \$20.7 million (Appendix E) in infrastructure investment and is guided by a variety of plans including 20-year asset master plans for water, sewer, and stormwater in addition to condition assessment reports.

A key component of the development of the underground utility capital plans is asset management planning and lifecycle costing. The analysis includes:

- Risk assessment and service delivery
- Condition assessment and remaining design life
- Capacity requirements including future population growth
- Enhance resiliency to meet climate change, tsunami, and seismic hazards
- Reduce rain inflow and infiltration to sewers
- Optimizing energy use

The goal of the capital plans is to maintain existing underground utility infrastructure and upgrade or provide new underground utility infrastructure to meet future community needs.

CONCLUSION

To ensure that the water, sewer and stormwater utilities and the solid waste and recycling program continue to be sustainably self-funded, an overall rate increase of 7.09% for a residential property and a 7.20% increase for a typical small business property is recommended for 2023.

Respectfully submitted,

Jo-Ann O'Connor
Deputy Director of Finance

Susanne Thompson
Deputy City Manager and Chief Financial Officer

Jas Paul
Assistant Director – Engineering

Philip Bellefontaine
Director Engineering and Public Works

Report accepted and recommended by the City Manager

List of Attachments

Appendix A – Water Utility Operating Budget
Appendix B – Sewer Utility Operating Budget
Appendix C – Stormwater Utility Operating Budget
Appendix D – Solid Waste and Recycling Operating Budget
Appendix E – Underground Utilities Capital Budget

Water Works

Budget Summary:

	2022 Budget	2023 Budget	Change	% Change
Revenues/FundingSources				
Waterworks User Fees	22,850,950	24,912,980	2,062,030	9.02%
Total	22,850,950	24,912,980	2,062,030	9.02%
Expenditures/Transfers to Reserve				
Waterworks Administration	14,558,940	15,858,120	1,299,180	8.92%
Waterworks Operations	2,237,010	2,259,860	22,850	1.02%
Transfer to Reserve/Capital	6,055,000	6,795,000	740,000	12.22%
Total	22,850,950	24,912,980	2,062,030	9.02%
Net Total	0	0	0	0.00%

5 Year Forecast:

	2023	2024	2025	2026	2027
Revenues/Funding Sources					
Waterworks User Fees	24,912,980	25,463,330	25,788,300	26,417,380	27,066,830
Total Rev/Funding Sources	24,912,980	25,463,330	25,788,300	26,417,380	27,066,830
Expenditures/Transfers to Reserve					
Waterworks Administration	15,858,120	16,169,210	16,486,540	16,810,300	17,140,520
Waterworks Operations	2,259,860	2,305,120	2,315,760	2,362,080	2,409,310
Transfer to Reserve/Capital	6,795,000	6,989,000	6,986,000	7,245,000	7,517,000
Total Exp/Transfers to Reserve	24,912,980	25,463,330	25,788,300	26,417,380	27,066,830
Net Total	0	0	0	0	0

Sanitary Sewers

Budget Summary:

	2022 Budget	2023 Budget	Change	% Change
Revenues/FundingSources				
Sanitary Sewer User Fees and Frontage	8,420,510	9,337,880	917,370	10.89%
Total	8,420,510	9,337,880	917,370	10.89%
Expenditures/Transfers to Reserve				
Sanitary Sewer Administration	2,559,540	2,697,280	137,740	5.38%
Sanitary Sewer Operations	1,546,970	1,611,600	64,630	4.18%
Transfer to Reserve/Capital	4,314,000	5,029,000	715,000	16.57%
Total	8,420,510	9,337,880	917,370	10.89%
Net Total	0	0	0	0.00%

5 Year Forecast:

	2023	2024	2025	2026	2027
Revenues/Funding Sources					
Sanitary Sewer User Fees and Frontage	9,337,880	9,521,280	9,707,100	9,897,390	10,091,540
Total Rev/Funding Sources	9,337,880	9,521,280	9,707,100	9,897,390	10,091,540
Expenditures/Transfers to Reserve					
Sanitary Sewer Administration	2,697,280	2,747,090	2,798,030	2,849,820	2,902,760
Sanitary Sewer Operations	1,611,600	1,644,190	1,677,070	1,710,570	1,744,780
Transfer to Reserve/Capital	5,029,000	5,130,000	5,232,000	5,337,000	5,444,000
Total Exp/Transfers to Reserve	9,337,880	9,521,280	9,707,100	9,897,390	10,091,540
Net Total	0	0	0	0	0

Stormwater

Budget Summary:

	2022 Budget	2023 Budget	Change	% Change
Revenues/Funding Sources				
Stormwater User Fees and Property Taxes	7,348,330	7,917,230	568,900	7.74%
Total	7,348,330	7,917,230	568,900	7.74%
Expenditures/Transfers to Reserve				
Stormwater Administration	1,950,030	2,102,070	152,040	7.80%
Stormwater Operations	1,935,300	1,962,160	26,860	1.39%
Transfer to Reserve/Capital	3,463,000	3,853,000	390,000	11.26%
Total	7,348,330	7,917,230	568,900	7.74%
Net Total	0	0	0	0.00%

5 Year Forecast:

	2023	2024	2025	2026	2027
Revenues/Funding Sources					
Stormwater User Fees and Property Taxes	7,917,230	8,167,570	8,424,450	8,912,000	8,970,260
Total Rev/Funding Sources	7,917,230	8,167,570	8,424,450	8,912,000	8,970,260
Expenditures/Transfers to Reserve					
Stormwater Administration	2,102,070	2,144,090	2,186,930	2,230,650	2,275,220
Stormwater Operations	1,962,160	2,001,480	2,041,520	2,082,350	2,124,040
Transfer to Reserve/Capital	3,853,000	4,022,000	4,196,000	4,599,000	4,571,000
Total Exp/Transfers to Reserve	7,917,230	8,167,570	8,424,450	8,912,000	8,970,260
Net Total	0	0	0	0	0

Solid Waste & Recycling

Budget Summary:

	2022 Budget	2023 Budget	Change	% Change
Revenues/Funding Sources				
Solid Waste & Recycling User Fees	3,412,470	3,610,480	198,010	5.80%
Total	3,412,470	3,610,480	198,010	5.80%
Expenditures/Transfers to Reserve				
Solid Waste & Recycling Administration	1,120,350	1,227,800	107,450	9.59%
Solid Waste & Recycling Operations	2,292,120	2,382,680	90,560	3.95%
Total	3,412,470	3,610,480	198,010	5.80%
Net Total	0	0	0	0.00%

5 Year Forecast:

	2023	2024	2025	2026	2027
Revenues/Funding Sources					
Solid Waste & Recycling User Fees	3,610,480	3,682,690	3,756,360	3,831,500	3,908,070
Total Rev/Funding Sources	3,610,480	3,682,690	3,756,360	3,831,500	3,908,070
Expenditures/Transfers to Reserve					
Solid Waste & Recycling Administration	1,227,800	1,252,370	1,277,400	1,302,950	1,328,980
Solid Waste & Recycling Operations	2,382,680	2,430,320	2,478,960	2,528,550	2,579,090
Total Exp/Transfers to Reserve	3,610,480	3,682,690	3,756,360	3,831,500	3,908,070
Net Total	0	0	0	0	0

Utilities

Guiding Principles

- Maintain existing underground utility infrastructure in acceptable condition
- Upgrade or provide new underground utility infrastructure to meet future community needs

Guiding Plans

- Official Community Plan
- City of Victoria Strategic Plan
- Water System Master Plan
- Stormwater Master Plan
- Sanitary Sewer Master Plan
- Condition Assessment Reports

CURRENT STATUS of Our Community's Assets

Area	What We Have	% In Poor Condition	What We Renewed 2017 – 2021	What We Added 2017 – 2021
Waterworks	<ul style="list-style-type: none"> • 349 km of water mains¹ • 1 pump station • 1,806 fire hydrants • 10 PRV stations 	• 19%	• 10.7 km	• 3.0 km of water main
Sanitary Sewers	<ul style="list-style-type: none"> • 237 km of sanitary mains • 11 pump stations 	• 10%	• 13.8 km	• 2.6 km of sanitary main
Stormwater	<ul style="list-style-type: none"> • 260 km of storm drain mains • 4 pump stations • 7,216 catch basins 	• 10%	• 10.6 km	<ul style="list-style-type: none"> • 1.0 km of storm drain main • 316 catch basins
Water Connections	• 20,883 ²	• 19%	• 177	• 27 water services
Sewer Connections	• 13,775	• 10%	• 215	• 40 sanitary connections
Storm Connections	• 10,767	• 10%	• 179	• 13 storm connections

¹ Includes Esquimalt

² Includes Esquimalt. Based on water meter numbers.

INVESTING
in Our Community’s Future (2023 – 2025)

Area	Today’s City (Renewal): Renewal: \$63.654m	Tomorrow’s City (New): New Infrastructure: TBD
Waterworks	<ul style="list-style-type: none"> Replace/Rehab of Water Mains: \$6.117m in 2023, \$6.564m in 2024, and \$6.601m in 2025 	<ul style="list-style-type: none"> N/A
Sanitary Sewers	<ul style="list-style-type: none"> Replace/Rehab of Sanitary Sewers: \$7.826m in 2023, \$8.065m in 2024, and \$8.087m in 2025 	<ul style="list-style-type: none"> N/A
Stormwater	<ul style="list-style-type: none"> Replace/Rehab of Storm Drains: \$6.788m in 2023, \$6.738m in 2024, and \$6.970m in 2025 	<ul style="list-style-type: none"> N/A

Capital Summary

Project Name	2023	2024	2025	2026	2027	2028 – 2042	Total
Waterworks							
New Services	550,000	550,000	550,000	550,000	550,000	8,250,000	11,000,000
Mains Replacement	5,463,000	5,718,000	6,004,000	6,303,000	6,618,000	129,106,000	159,212,000
System Planning & Assessment	0	250,000	0	0	0	1,050,000	1,300,000
Capital Equipment	104,000	46,000	47,000	48,000	49,000	855,000	1,149,000
Waterworks Total	6,117,000	6,564,000	6,601,000	6,901,000	7,217,000	139,261,000	172,661,000
Sanitary Sewers							
New Services	300,000	300,000	300,000	300,000	300,000	4,500,000	6,000,000
Mains Replacement	2,429,000	2,550,000	2,678,000	2,812,000	2,953,000	66,934,000	80,356,000
Inflow & Infiltration	1,379,000	1,449,000	1,522,000	1,597,000	1,678,000	38,018,000	45,643,000
System Planning	0	250,000	0	0	0	1,050,000	1,300,000
System Assessment	276,000	282,000	288,000	294,000	300,000	5,301,000	6,741,000
System Upgrades	3,153,000	3,216,000	3,280,000	3,346,000	3,413,000	32,863,000	49,271,000
Capital Equipment	289,000	18,000	19,000	20,000	21,000	435,000	802,000
Sanitary Sewers Total	7,826,000	8,065,000	8,087,000	8,369,000	8,665,000	149,101,000	190,113,000
Stormwater							
New Services	300,000	300,000	300,000	300,000	300,000	4,500,000	6,000,000
Stormwater Quality	323,000	329,000	336,000	343,000	350,000	6,171,000	7,852,000
Mains Replacement	3,396,000	3,566,000	3,744,000	3,931,000	4,128,000	87,313,000	106,078,000
Brick Main Rehabilitation	2,234,000	2,279,000	2,325,000	2,372,000	2,419,000	42,643,000	54,272,000
System Planning & Assessment	250,000	250,000	250,000	470,000	250,000	4,470,000	5,940,000
Capital Equipment	285,000	14,000	15,000	16,000	17,000	375,000	722,000
Stormwater Total	6,788,000	6,738,000	6,970,000	7,432,000	7,464,000	145,472,000	180,864,000

Project Summary

Project Number: ENG-076
Project Title: New Services

Budget Year: 2023
Business Unit: 10010

Overview:

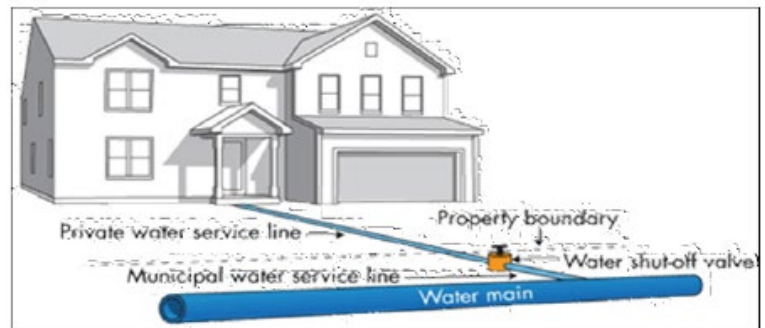
To install water service connections as requested by residents, businesses, and commercial/institutional properties.

Deliverables:

- Water service connections for applicants (residents, businesses, institutions)

Project Forecast

Year	Total Expense
2023	550,000
2024	550,000
2025	550,000
2026	550,000
2027	550,000
2028	550,000
2029	550,000
2030	550,000
2031	550,000
2032	550,000
2033	550,000
2034	550,000
2035	550,000
2036	550,000
2037	550,000
2038	550,000
2039	550,000
2040	550,000
2041	550,000
2042	550,000
	11,000,000



Project Summary

Project Number:	ENG-078	Budget Year:	2023
Project Title:	Mains Replacement	Business Unit:	10030

Overview:

To replace and upgrade water system infrastructure which has been identified as a system deficiency, having inadequate capacity, or has reached the end of its service life. Rehabilitation efforts include extending the life of existing infrastructure that is nearing the end of its service life or is in need of repair.

Deliverables:

- Watermains replacement program
- Prior to Paving program
- Watermains lining program
- System component funding
- Disaster Mitigation and Adaption Fund (DMAF) grant projects
- 2024 Projects design

Project Forecast

Year	Total Expense	Grants	Net City Funding
2023	5,463,000	542,000	4,921,000
2024	5,718,000	795,000	4,923,000
2025	6,004,000	835,000	5,169,000
2026	6,303,000	876,000	5,427,000
2027	6,618,000	920,000	5,698,000
2028	5,983,000	-	5,983,000
2029	6,282,000	-	6,282,000
2030	6,596,000	-	6,596,000
2031	6,926,000	-	6,926,000
2032	7,272,000	-	7,272,000
2033	7,636,000	-	7,636,000
2034	8,018,000	-	8,018,000
2035	8,419,000	-	8,419,000
2036	8,840,000	-	8,840,000
2037	9,282,000	-	9,282,000
2038	9,746,000	-	9,746,000
2039	10,233,000	-	10,233,000
2040	10,745,000	-	10,745,000
2041	11,282,000	-	11,282,000
2042	11,846,000	-	11,846,000
	159,212,000	3,968,000	155,244,000



Project Summary

Project Number: ENG-077

Budget Year: 2023

Project Title: System Planning & Assessment

Business Unit: 10031

Overview:

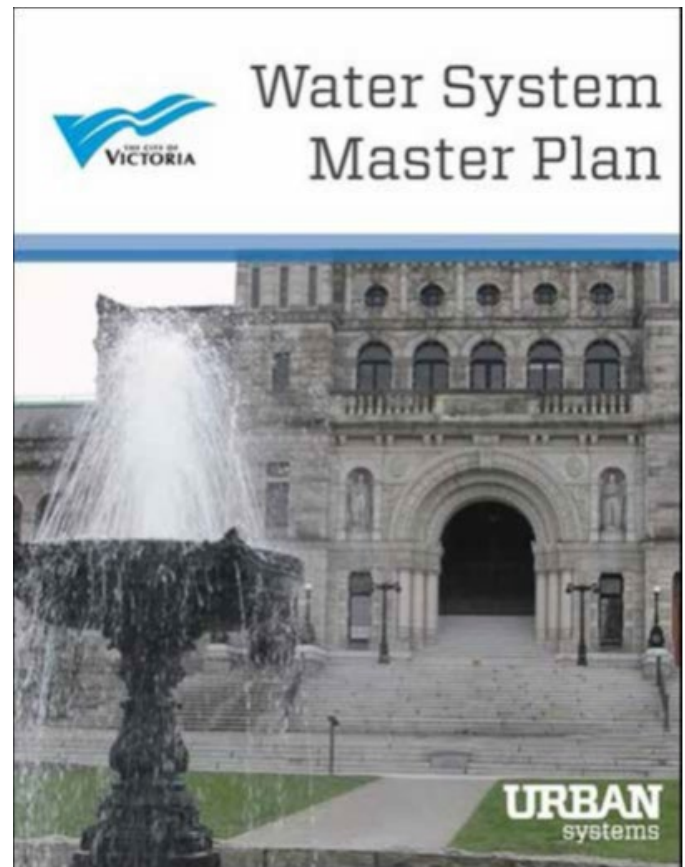
Ongoing water distribution infrastructure planning work including periodic updates to the water system hydraulic model and master plan. Generally, the master plan gets updated every five years.

Deliverables:

- Water System Master Plan

Project Forecast

Year	Total Expense
2024	250,000
2029	300,000
2034	350,000
2039	400,000
	1,300,000



Project Summary

Project Number:	ENG-122	Budget Year:	2023
Project Title:	Capital Equipment	Business Unit:	10036

Overview:

Purchase of equipment, tools, and supplies used for construction of water infrastructure capital works projects.

Deliverables:

- Miscellaneous equipment, tools, and supplies

Project Forecast

Year	Total Expense
2023	104,000
2024	46,000
2025	47,000
2026	48,000
2027	49,000
2028	50,000
2029	51,000
2030	52,000
2031	53,000
2032	54,000
2033	55,000
2034	56,000
2035	57,000
2036	58,000
2037	59,000
2038	60,000
2039	61,000
2040	62,000
2041	63,000
2042	64,000
	1,149,000



Project Summary

Project Number: ENG-038
Project Title: New Services

Budget Year: 2023
Business Unit: 30010

Overview:

To install sanitary service connections as requested by residents, businesses, and commercial/institutional properties.

Deliverables:

- Sanitary service connections for applicants (residents, businesses, institutions)

Project Forecast

Year	Total Expense
2023	300,000
2024	300,000
2025	300,000
2026	300,000
2027	300,000
2028	300,000
2029	300,000
2030	300,000
2031	300,000
2032	300,000
2033	300,000
2034	300,000
2035	300,000
2036	300,000
2037	300,000
2038	300,000
2039	300,000
2040	300,000
2041	300,000
2042	300,000
	6,000,000



Project Summary

Project Number:	ENG-037	Budget Year:	2023
Project Title:	Mains Replacement	Business Unit:	30011

Overview:

To replace and upgrade sanitary mains which have been identified as a system deficiency, having inadequate capacity, or having exceeded life expectancy. Rehabilitation efforts include extending the life of existing infrastructure that is nearing the end of its service life or is in need of repair.

Deliverables:

- Sanitary sewers replacement program
- Prior to Paving Program
- Underground Utilities Capital Projects Crew Administration
- System components funding
- 2024 Projects design

Project Forecast

Year	Total Expense
2023	2,429,000
2024	2,550,000
2025	2,678,000
2026	2,812,000
2027	2,953,000
2028	3,101,000
2029	3,256,000
2030	3,419,000
2031	3,590,000
2032	3,770,000
2033	3,959,000
2034	4,157,000
2035	4,365,000
2036	4,583,000
2037	4,812,000
2038	5,053,000
2039	5,306,000
2040	5,571,000
2041	5,850,000
2042	6,142,000
	80,356,000



Project Summary

Project Number: ENG-035
Project Title: Inflow & Infiltration

Budget Year: 2023
Business Unit: 30015

Overview:

To address problems of rain and groundwater inflow and infiltration to the sanitary sewer system. This program will support pipe rehabilitation, lateral service connection sealing, manhole upgrades, the removal of cross-connections, flow monitoring to determine priorities, and pilot projects to effectively reduce inflow and infiltration.

Deliverables:

- Flow monitoring and investigation program
- Inflow and infiltration reduction program
- Annual mainline rehabilitation (lining) program

Project Forecast

Year	Total Expense
2023	1,379,000
2024	1,449,000
2025	1,522,000
2026	1,597,000
2027	1,678,000
2028	1,762,000
2029	1,849,000
2030	1,942,000
2031	2,039,000
2032	2,142,000
2033	2,249,000
2034	2,362,000
2035	2,479,000
2036	2,604,000
2037	2,733,000
2038	2,870,000
2039	3,014,000
2040	3,164,000
2041	3,322,000
2042	3,487,000
	45,643,000



Project Summary

Project Number:	ENG-039	Budget Year:	2023
Project Title:	System Planning	Business Unit:	30016

Overview:

Periodic reviews and updates to the Sanitary Sewer Master Plan. The Master Plan allows for simulation and analysis of the sanitary sewer system using computer software, and the determination of sewage flows, including inflow and infiltration flows, forecasting of future development flows, assessment of the conveyance system capacity, impacts of climate changes, and evaluation of upgrade scenarios. It also allows staff to make informed, economical decisions about the system for future construction activities.

The Master Plan provides a prioritized, multi-year plan for system wide improvements including a list of priorities and cost estimates. It incorporates Closed Circuit Television (CCTV) condition assessment data and coordinate upgrades with other infrastructure master plans.

A request for proposal for specialty engineering services to develop the Master Plan will be prepared and a consultant with expertise in this field will be selected. The consultant will be provided with the existing hydraulic model, infrastructure data, as well as planning and development information. Detailed design criteria and land use information for generation of flows will be developed and incorporated into the Master Plan. Generally, the Master Plan is updated every five years.

Deliverables:

- Sanitary Sewer System Master Plan

Project Forecast

Year	Total Expense
2024	250,000
2029	300,000
2034	350,000
2039	400,000
	1,300,000



Project Summary

Project Number: ENG-040
Project Title: System Assessment

Budget Year: 2023
Business Unit: 30019

Overview:

To complete Closed Circuit Television (CCTV) pipe video investigations to gather current condition information to prioritize system rehabilitation.

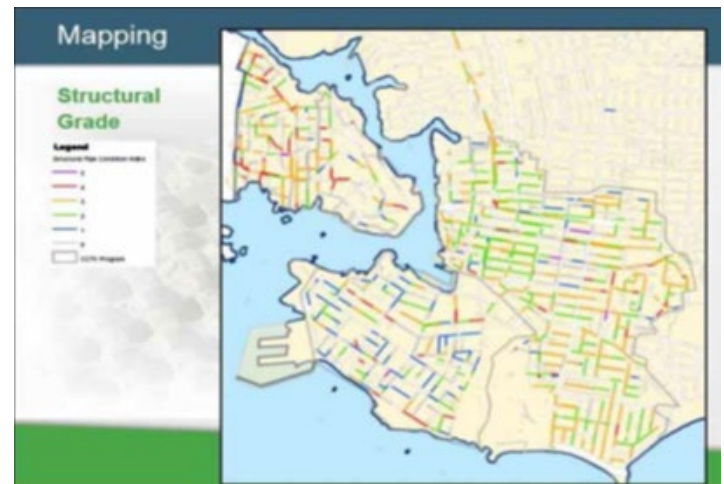
To investigate sanitary sewer service connections by CCTV lamping program to help with reduction of inflow and infiltration caused by aging infrastructures, offset joints, root intrusion, debris sediment, sagging laterals, and cross-connections.

Deliverables:

- System condition assessment
- Engineering investigations

Project Forecast

Year	Total Expense
2023	276,000
2024	282,000
2025	288,000
2026	294,000
2027	300,000
2028	306,000
2029	312,000
2030	318,000
2031	325,000
2032	332,000
2033	339,000
2034	346,000
2035	353,000
2036	360,000
2037	367,000
2038	374,000
2039	381,000
2040	388,000
2041	396,000
2042	404,000
	6,741,000



Project Summary

Project Number: ENG-125
Project Title: System Upgrades

Budget Year: 2023
Business Unit: 30021

Overview:

Large projects or initiatives that are focused on the optimum functioning of the system. New pumps and mains that allow optimal rerouting or diversion of heavy flows and allow the system to function with less surcharging and energy expended.

Deliverables:

- Sanitary sewer system upgrades design consulting services
- Disaster Mitigation and Adaptation Fund (DMAF) grant projects

Project Forecast

Year	Total Expense	Grants	Net City Funding
2023	3,153,000	1,247,000	1,906,000
2024	3,216,000	919,000	2,297,000
2025	3,280,000	937,000	2,343,000
2026	3,346,000	956,000	2,390,000
2027	3,413,000	975,000	2,438,000
2028	1,900,000	-	1,900,000
2029	1,938,000	-	1,938,000
2030	1,977,000	-	1,977,000
2031	2,017,000	-	2,017,000
2032	2,057,000	-	2,057,000
2033	2,098,000	-	2,098,000
2034	2,140,000	-	2,140,000
2035	2,183,000	-	2,183,000
2036	2,227,000	-	2,227,000
2037	2,272,000	-	2,272,000
2038	2,317,000	-	2,317,000
2039	2,363,000	-	2,363,000
2040	2,410,000	-	2,410,000
2041	2,458,000	-	2,458,000
2042	2,506,000	-	2,506,000
	49,271,000	5,034,000	44,237,000



Project Summary

Project Number: ENG-188
Project Title: Capital Equipment

Budget Year: 2023
Business Unit: 30022

Overview:

Purchase of equipment, tools, and supplies used for construction of Sanitary Sewer capital works projects.

Deliverables:

- Miscellaneous equipment, tools, and supplies

Project Forecast

Year	Total Expense
2023	289,000
2024	18,000
2025	19,000
2026	20,000
2027	21,000
2028	22,000
2029	23,000
2030	24,000
2031	25,000
2032	26,000
2033	27,000
2034	28,000
2035	29,000
2036	30,000
2037	31,000
2038	32,000
2039	33,000
2040	34,000
2041	35,000
2042	36,000
<hr/>	
	802,000



Project Summary

Project Number:	ENG-026	Budget Year:	2023
Project Title:	New Services	Business Unit:	50005

Overview:
To install storm service connections as requested by residents, businesses, and commercial/institutional properties.

- Deliverables:**
- Storm service connections for applicants (residents, businesses, institutions)

Project Forecast

Year	Total Expense
2023	300,000
2024	300,000
2025	300,000
2026	300,000
2027	300,000
2028	300,000
2029	300,000
2030	300,000
2031	300,000
2032	300,000
2033	300,000
2034	300,000
2035	300,000
2036	300,000
2037	300,000
2038	300,000
2039	300,000
2040	300,000
2041	300,000
2042	300,000
	6,000,000



Project Summary

Project Number:	ENG-024	Budget Year:	2023
Project Title:	Stormwater Quality	Business Unit:	50092

Overview:

To fund stormwater quality infrastructure and continue stormwater utility development.

Deliverables:

- Stormwater program information, consulting, and promotional materials
- Investigations/ Lab testing
- Green Infrastructure program (incl. rain gardens maintenance)
- Leasing agreements with Transport Canada (monitoring system)
- Stormwater rehabilitation unit (SWRU) maintenance

Project Forecast

Year	Total Expense
2023	323,000
2024	329,000
2025	336,000
2026	343,000
2027	350,000
2028	357,000
2029	364,000
2030	371,000
2031	378,000
2032	386,000
2033	394,000
2034	402,000
2035	410,000
2036	418,000
2037	426,000
2038	435,000
2039	444,000
2040	453,000
2041	462,000
2042	471,000
	7,852,000



Project Summary

Project Number: ENG-027
Project Title: Mains Replacement

Budget Year: 2023
Business Unit: 50096

Overview:

Replace and upgrade storm mains which have been identified as a system deficiency, having inadequate capacity, or having gone well beyond their service life. Rehabilitation efforts include extending the life of infrastructure that is nearing the end of its service life or is in need of repair.

Deliverables:

- Storm mains replacement program
- Prior to paving program
- Storm drain lining program
- System components funding
- Disaster Mitigation and Adaptation Fund (DMAF) grant projects
- 2024 Projects design

Project Forecast

Year	Total Expense	Grants	Net City Funding
2023	3,396,000	60,000	3,336,000
2024	3,566,000	237,000	3,329,000
2025	3,744,000	249,000	3,495,000
2026	3,931,000	261,000	3,670,000
2027	4,128,000	274,000	3,854,000
2028	4,047,000	-	4,047,000
2029	4,249,000	-	4,249,000
2030	4,461,000	-	4,461,000
2031	4,684,000	-	4,684,000
2032	4,918,000	-	4,918,000
2033	5,164,000	-	5,164,000
2034	5,422,000	-	5,422,000
2035	5,693,000	-	5,693,000
2036	5,978,000	-	5,978,000
2037	6,277,000	-	6,277,000
2038	6,591,000	-	6,591,000
2039	6,921,000	-	6,921,000
2040	7,267,000	-	7,267,000
2041	7,630,000	-	7,630,000
2042	8,011,000	-	8,011,000
	106,078,000	1,081,000	104,997,000



Project Summary

Project Number: ENG-030

Budget Year: 2023

Project Title: Brick Main Rehabilitation

Business Unit: 50494

Overview:

Rehabilitation of brick storm drain mains based on structural condition assessment. Most of the brick mains are approaching 100 years in age and are showing signs of aging. Many of these mains are located within easements and under buildings. A condition assessment program using closed circuit television (CCTV) inspection is used to prioritize system brick main rehabilitation.

Deliverables:

- 2023 rehabilitation of brick storm drains

Project Forecast

Year	Total Expense
2023	2,234,000
2024	2,279,000
2025	2,325,000
2026	2,372,000
2027	2,419,000
2028	2,467,000
2029	2,516,000
2030	2,566,000
2031	2,617,000
2032	2,669,000
2033	2,722,000
2034	2,776,000
2035	2,832,000
2036	2,889,000
2037	2,947,000
2038	3,006,000
2039	3,066,000
2040	3,127,000
2041	3,190,000
2042	3,253,000
	54,272,000



Project Summary

Project Number:	ENG-105	Budget Year:	2023
Project Title:	System Planning & Assessment	Business Unit:	50522

Overview:

To complete Closed Circuit Television (CCTV) pipe video investigations to gather current condition information to prioritize system rehabilitation.

Deliverables:

- Engineering investigations and spill response
- System condition assessment

Project Forecast

Year	Total Expense
2023	250,000
2024	250,000
2025	250,000
2026	470,000
2027	250,000
2028	250,000
2029	250,000
2030	250,000
2031	480,000
2032	250,000
2033	250,000
2034	250,000
2035	250,000
2036	490,000
2037	250,000
2038	250,000
2039	250,000
2040	250,000
2041	500,000
2042	250,000
	5,940,000



Project Summary

Project Number:	ENG-189	Budget Year:	2023
Project Title:	Capital Equipment	Business Unit:	50617

Overview:

Purchase of equipment, tools, and supplies used for construction of Stormwater capital works projects.

Deliverables:

- Miscellaneous equipment, tools, and supplies

Project Forecast

Year	Total Expense
2023	285,000
2024	14,000
2025	15,000
2026	16,000
2027	17,000
2028	18,000
2029	19,000
2030	20,000
2031	21,000
2032	22,000
2033	23,000
2034	24,000
2035	25,000
2036	26,000
2037	27,000
2038	28,000
2039	29,000
2040	30,000
2041	31,000
2042	32,000
	722,000



2022

CITY OF VICTORIA | Engineering and Public Works

Underground Utilities

Asset Overview



Committee of the Whole November 24, 2022



1

Infrastructure Inventory

Infrastructure Type	Description	% in Poor condition
Water System	330 km of mains, 18,600 service lines 11 pressure regulation stations 1864 fire hydrants	19%
Sanitary Sewer System	237 km of mains, 15,200 service lines 11 pump stations	10%
Stormwater System	256 km of mains, 10 km of brick mains 11,020 service lines 4 pump stations 3 treatment facilities	10%

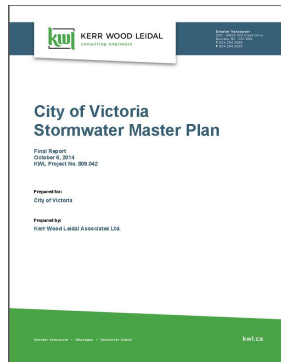
2 Underground Utilities - Asset Overview



2

Infrastructure Planning

- Guided by asset management principles and Master Plans



3 Underground Utilities - Asset Overview



3

Infrastructure Planning

- Master Plans support the Official Community Plan and City Strategic Plans
- Long range plans (20 year capital plans) with risk-based approach to prioritization of projects
- Includes consideration for development related growth, climate change adaptation, seismic risk and coordination with other assets renewals
- Condition assessments and Master Plans are updated ~5 years
- Projects that support future development are incorporated into DCC's
- Annual Capital Plans guided by Master Plans

4 Underground Utilities - Asset Overview



4

Challenges

- Significant cost escalation in recent years
- Supply chain issues
- Soil relocation costs
- Construction market

Opportunities

- New technologies
- Internal resources
- Update master plans
- Update DCC's
- Federal/Provincial Grants

5 Underground Utilities - Asset Overview



5

Recommendations

- Direct staff to bring forward bylaws outlining water utility, sewer utility, stormwater utility, and solid waste user fee increases for 2023 to the December 1, 2022, daytime Council meeting for consideration of first, second and third readings.

6 Underground Utilities - Asset Overview



6



Committee of the Whole Report

For the Meeting of November 24, 2022

To: Committee of the Whole **Date:** November 16th, 2022
From: Curt Kingsley, City Clerk
Subject: 2022 International Day of Persons with Disabilities – December 3rd, 2022

RECOMMENDATION

That the *2022 International Day of Persons with Disabilities* Proclamation be forwarded to the November 24th, 2022, Council meeting for Council's consideration.

EXECUTIVE SUMMARY

Attached as Appendix A is the requested *2022 International Day of Persons with Disabilities Week* Proclamation. Council has established a policy addressing Proclamation requests. The policy provides for:

- A staff report to Committee of the Whole.
- Each Proclamation request requiring a motion approved at Committee of the Whole prior to forwarding it to Council for their consideration.
- Staff providing Council with a list of Proclamations made in the previous year.
- Council voting on each Proclamation individually.
- Council's consideration of Proclamations is to fulfil a request rather than taking a position.

A list of 2021 Proclamations is provided as Appendix B in accordance with the policy. Consistent with City Policy, Proclamations issued are established as fulfilling a request and does not represent an endorsement of the content of the Proclamation.

A list of 2022 Proclamations is provided as Appendix C in accordance with the Council direction provided at the November 10, 2022 daytime Council meeting.

Respectfully submitted,

Curt Kingsley
City Clerk

List of Attachments

- Appendix A: Proclamation "2022 International Day of Persons with Disabilities"
- Appendix B: List of Previously Approved Proclamations
- Appendix C: List of 2022 Approved Proclamations



CITY OF VICTORIA

PROCLAMATION

“2022 INTERNATIONAL DAY OF PERSONS WITH DISABILITIES”

WHEREAS *Disability inclusion is an essential condition to upholding human rights, sustainable development, and peace and security. The commitment to realizing the rights of persons with disabilities is not only a matter of justice; it is an investment in a common future; and*

WHEREAS *the global crisis of COVID-19 deepened the pre-existing inequalities, exposing the extent of exclusion and highlighting that work on disability inclusion is imperative. People with disabilities - one billion people - are one of the most excluded groups in our society and were the hardest hit in this crisis in terms of fatalities; and*

WHEREAS *even under normal circumstances, persons with disabilities are less likely to access health care, education, employment and to participate in the community. An integrated approach is required to ensure that persons with disabilities are not left behind.*

NOW, THEREFORE *I do hereby proclaim Friday December 3rd, 2022, as “2022 INTERNATIONAL DAY OF PERSONS WITH DISABILITIES” on the HOMELANDS of the Lekwungen speaking SONGHEES AND ESQUIMALT PEOPLE in the CITY OF VICTORIA, CAPITAL CITY of the PROVINCE of BRITISH COLUMBIA.*

IN WITNESS WHEREOF, *I hereunto set my hand this 24th day of November, Two Thousand and Twenty-Two.*

MARIANNE ALTO
MAYOR
CITY OF VICTORIA
BRITISH COLUMBIA

Sponsored by:
Suzan Jennings
Chair – City of Victoria Accessibility Committee

Appendix B

Council Meetings	Proclamations
28-Jan-21	Wear Red Canada Day - February 13, 2021 International Day of Zero Tolerance for Female Genital Mutilation - February 6, 2021
11-Feb-21	Chamber of Commerce Week - February 15 to 22, 2021 National Engineering Month - March 2021
18-Feb-21	United Nations Decade on Ecosystem Restoration - 2021 to 2030
18-Mar-21	World Tuberculosis Day - March 24, 2021
15-Apr-21	Sexual Assault Awareness Month – April 2021
22-Apr-21	Global Love Day - May 1, 2021 St. George's Day - April 23, 2021 Melanoma and Skin Cancer Awareness Month - May 2021 GBC/CIDP Awareness Month - May 2021 Huntington Disease Awareness Month - May 2021 Child Abuse Prevention Month - April 2021 Parental Alienation Awareness Day - April 25, 2021
6-May-21	Falun Dafa Day - May 13, 2021 Apraxia Awareness Day - May 14, 2021 Day of Action Against Asian Racism - May 10, 2021 Baseball Shirt Day - June 11, 2021
13-May-21	Komagata Maru Remembrance Day - May 23, 2021 Do Something Good For Your Neighbor Day - May 16, 2021 Post Traumatic Stress Disorder Awareness Month - June 2021 Deafblind Awareness Month - June 2021 Pride Week - June 28 to July 4, 2021 International Internal Audit Awareness Month - May 2021 Food Allergy Awareness Month - May 2021
20-May-21	Intergenerational Day Canada - June 1, 2021 World Refugee Day - June 20, 2021
3-Jun-21	Action Anxiety Day - June 10, 2021
10-Jun-21	Parachute National Injury Prevention Day - July 5, 2021 Arthritis Awareness Month - September 2021 Longest Day of Smiles - June 20, 2021
17-Jun-21	International Medical Cannabis Day - June 11, 2021
29-Jul-21	Give a Shot Month - August 2021 National Polycystic Kidney Disease Awareness Day - September 4, 2021 Wrongful Conviction Day - October 2, 2021 Commemoration of the Bicentennial of the Independence of the Republic of Peru Day - July 28, 2021
5-Aug-21	International Overdose Awareness Day - August 31, 2021 Childhood Cancer Awareness Month - September 2021
9-Sep-21	National Forest Week - September 19 to 25, 2021 Dyslexia Awareness Month - October 2021
23-Sep-21	Manufacturing Month - October 2021 Waste Reduction Week - October 18 to October 24, 2021 Fire Prevention Week - October 3 to October 9, 2021 Childhood Cancer Awareness Month - September 2021
7-Oct-21	Islamic Heritage Month - October 2021
21-Oct-21	Economic Abuse Awareness Day - November 26th, 2021 Respiratory Therapy Week - October 24 to October 30, 2021 Small Business Month - October 2021
28-Oct-21	Colour the World Orange Day - November 1, 2021 Respiratory Therapy Week - October 24 to October 30, 2021 Indigenous Disability Awareness Month - November 2021 Rising Economy Week 2021 - November 22 to November 25, 2021
2-Dec-21	Holodomor Commemoration Day - November 27, 2021 International Day of People with Disabilities - December 3, 2021
9-Dec-21	Wear Red Canada Day - February 13, 2022

Appendix C

Council Meetings	Proclamations
20-Jan-22	Black History Month - February 2022 Year of the Garden – 2022
27-Jan-22	Congenital Heart Disease Awareness Week - February 7th to 14th, 2022
3-Feb-22	International Day of Zero Tolerance of Female Genital Mutilation - February 6, 2022
10-Feb-22	Chamber of Commerce Week - February 14-18, 2022
24-Feb-22	Proclamation of Gratitude in Remembrance of Lorne Whyte - February 24, 2022
24-Mar-22	Deafblind Awareness Month - June 2022 Global Meetings Industry Day - April 7, 2022 Jewish Heritage Month - May 2022 Parkinsons Awareness Month - April, 2022 Purple Day - March 24, 2022 Daffodil Month - April 2022
14-Apr-22	GBS/CIDP Awareness Month - May 2022
21-Apr-22	Polonia Day – May 2, 2022 Human Values Day - April 24, 2022
28-Apr-22	Moose Hide Campaign Day - May 12, 2022 Day of Action Against Anti-Asian Racism - May 10, 2022 Action Anxiety Day - June 10, 2022 Huntington Disease Awareness Month - May 2022 Myalgic Encephalomyelitis and Fibromyalgia Awareness Day – May 12, 2022 Lyme Disease Awareness Month - May, 2022
5-May-22	Melanoma and Skin Cancer Awareness Month - May, 2022
12-May-22	Passive House Week - May 22nd to 28th, 2022 Global Love Day - May 1st, 2022 International Day Against Homophobia and Transphobia – May 17th, 2022
26-May-22	International Medical Marijuana Day - June 11, 2022 Longest Day of Smiles - June 19, 2022 Lissencephaly Awareness Day - September 8, 2022 Never Give Up Day - August 18, 2022 World Elder Abuse Awareness Day - June 15, 2022 ALS Awareness Month - June 2022 International Internal Audit Awareness Month - May 2022
9-Jun-22	World Refugee Day - June 20, 2022 Year of the Salish Sea Day - June 8, 2022 to June 7, 2023 Hidradenitis Suppurativa Awareness Week - June 6 to 12, 2022
16-Jun-22	Island Good Days - June 20 to June 26, 2022
23-Jun-22	Parachute National Injury Prevention Day - July 5, 2022 World Refrigeration Day - June 26, 2022 International Women in Engineering Day - June 23, 2022 Living Donation Week - September 11 to 17, 2022 Oromo Day - June 29, 2022 Pride Week - June 23rd to July 2nd, 2022
7-Jul-22	World Pancreatic Cancer Day - November 17, 2022
14-Jul-22	Special Olympics Global Week of Inclusion - July 18 to 24, 2022
28-Jul-22	Amyloidosis Awareness Month - March 2023 230th Anniversary – Year of Black Loyalist Exodus 15 Ships to Sierra Leone #1792 Project - 2022 Childhood Cancer Awareness Month - September 2022
4-Aug-22	Wrongful Conviction Day - October 2, 2022 International Day of the Girl - October 11, 2022 Arthritis Awareness Month - September 2022 National Polycystic Kidney Disease Awareness Day - September 4, 2022 Azadi Ka Amrit Mahotsav Day - August 15, 2022
1-Sep-22	100th Anniversary of the Chinese Students' Strike Against Racism and Segregation Day – September 1, 2022
8-Sep-22	Lung Cancer Awareness Month - November 2022 Fire Prevention Week - October 9th - October 15th, 2022 National Forest Week - September 18th - September 24th, 2022 Pregnancy and Infant Loss Awareness Month - October 2022
22-Sep-22	National Children's Grief Awareness Day - November 17, 2022 Circular Economy Month - October 2022

Small Business Month - October 2022

6-Oct-22 50 Years of the Ismaili Muslim Community in Canada - September 2022
Indigenous Disability Awareness Month - November 2022

10-Nov-22 Medical Radiation Technologist Week - November 6th to November 12th, 2022