

Saanich



CAPITAL WORKS PROJECTS 2021

Engineering and
Parks, Recreation &
Community Services



Wherever possible, we will work to minimize impacts to the public as a result of our planned projects. We will keep the public informed of ongoing and planned traffic and service disruptions so there are no surprises and everyone can plan their travel and activities accordingly.

About this guide

This annual guide outlines capital projects scheduled throughout the year. It is intended as a reference for the public to help illustrate Saanich needs and priorities in the areas of Parks, Recreation, Transportation, Water, Sewer, Storm and Facilities planning.

It's important to note that timelines and budgets are set at the beginning of the year and may be adjusted if conditions change.

Project updates can be found by contacting us or visiting www.saanich.ca

Project updates are also highlighted on our social media channels. Follow along at:



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Questions?

Contact us at 250-475-1775 or email reception@saanich.ca

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TRANSPORTATION CAPITAL PROJECTS





Cordova Bay Road (Walema Ave to Rambler Rd), Fenn Avenue (Cordova Bay Rd to 5250 Parker Ave)

Project Description

The planned improvements for this project are to provide improved pedestrian facilities and install cycling infrastructure that cater to all ages and abilities. This project fulfills objectives outlined in the District's Active Transportation Plan, Safe Routes to School program, and Local Area Plan.

The planned improvements for this project are to provide pedestrian facilities along Fenn between Cordova Bay Road and 5250 Parker Avenue. This project will be coordinated with the planned improvements on Cordova Bay Road between Walema and Rambler, as well as watermain improvements on Walema between Cordova Bay Road and Beryl Road.

Goals include creating a village feel by installing sidewalks with boulevards to separate pedestrians from traffic, boulevard trees to frame views and narrow perceived road widths, on street bike lanes separated from traffic where possible, improved pedestrian crosswalk locations, and pedestrian plaza spaces.

How will this project improve Saanich?

- Increase pedestrian accessibility and safety
- Provide AAA cycling infrastructure
- Renew aging surface and underground infrastructure
- Traffic Calming

Project Timing

Start date: Fall 2021

Duration of work: 5 months

Project Budget \$1,600,000



Orillia Street (Maddock Ave to Burnside Rd), Maddock Avenue (Tillicum Rd to Orillia St), Albina Street (Burnside Rd & Maddock Ave) Sidewalk Projects

Project Description

This project was identified for improvements as part of the District's Active and Safe Routes to school program and the District's Active Transportation Plan. This project will see installation of accessible sidewalks along all sides of the school, raised road crossings and traffic calming features.

How will this project improve Saanich?

- Enhance pedestrian connection to Tillicum Elementary School
- Increase pedestrian accessibility and safety
- Renew aging infrastructure

Project Timing

Start date: Winter 2021/Early 2022

Duration of work: 3.5 months

Project Budget \$900,000



Seaton Street (Burnside Rd to Regina Ave), Regina Avenue (Seaton St to Tillicum Rd) Sidewalk Project

Project Description

This project will see improvements to the pedestrian facilities and roadway that achieve the intent of the District's Active Transportation Plan. This project includes installation of concrete sidewalks, wheelchair accessible corner ramps, and traffic calming features.

How will this project improve Saanich?

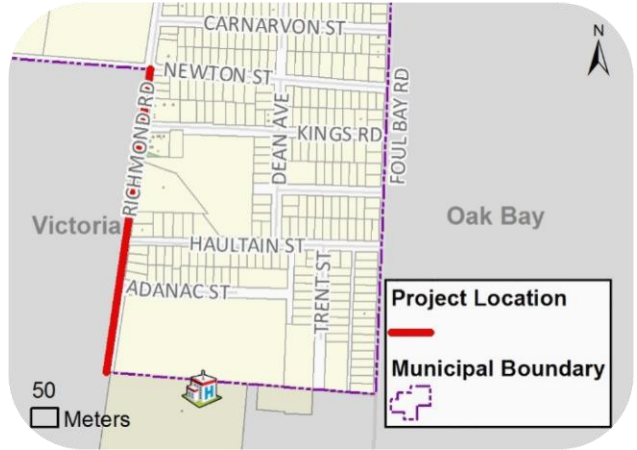
- Increase pedestrian accessibility and safety
- Renew aging infrastructure
- Traffic calming features

Project Timing

Start date: Winter 2021/Early 2022

Duration of work: 4 months

Project Budget \$1,200,000



Richmond Road Sidewalk (Newton St to City of Victoria Border)

Project Description

This project's objective is to provide improvements to the pedestrian facilities and roadway that achieve the intent of the District's Active Transportation Plan. This project will see installation of concrete sidewalk on the east side of Richmond Road between Newton Road and the City of Victoria Border, wheelchair accessible sidewalk drops and transit stop upgrades.

How will this project improve Saanich?

- Increase pedestrian accessibility and safety
- Renew aging infrastructure

Project Timing

Start date: Winter 2021/Early 2022

Duration of work: 2 months

Project Budget \$500,000



Mortimer Street Sidewalk (1534 Mortimer St to Cedar Hill Rd)

Project Description

The Shelbourne Local Area Plan identified Mortimer as a high priority sidewalk improvement. The District's Active Transportation Plan identifies this road as part of the cycling spine network for all ages and abilities. This project will see installation of a 2.0m concrete sidewalk along the north side of Mortimer and installation of cycling facilities that cater to all ages and abilities.

How will this project improve Saanich?

- Increase pedestrian accessibility and safety
- Traffic calming features
- Complete cycling gap

Project Timing

Start date: Early 2022

Duration of work: 1 month

Project Budget \$200,000



Saanich Road to Leslie Drive Crosswalk

Project Description

The planned improvements for this project are to provide a new crosswalk across Saanich Road at Leslie Drive and pedestrian improvements at this block along the West side between Leslie Drive and Swan Street.

How will this project improve Saanich?

- Increase pedestrian accessibility and safety
- Increase accessibility
- Installation of wheelchair drops

Project Timing

Start date: Fall 2021

Duration of work: 3 weeks

Project Budget \$150,000



Vanalman Neighborhood Bikeway Installation, Utility Upgrade and Road Reconstruction Project

Project Description

This is a coordinated project that includes: full depth road reconstruction, installation of “all ages and abilities” cycling infrastructure, miscellaneous sidewalk improvements, and underground infrastructure upgrades on Vanalman between Mann and Commerce Circle. The project is identified as a short-term priority in the Active Transportation Plan.

How will this project improve Saanich?

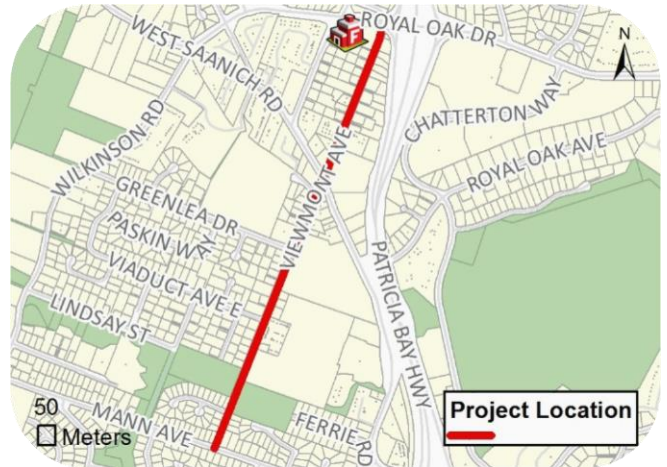
- Renew aging surface and underground infrastructure
- Provide AAA cycling infrastructure
- Increase pedestrian accessibility and safety

Project Timing

Start date: Summer 2021

Duration of work: 9 months

Project Budget \$3,500,000



Viewmont Avenue (Royal Oak Ave to Mann Ave)

Project Description

This project will see installation of all ages and abilities cycling infrastructure along Viewmont between Royal Oak Drive and Mann Avenue. This project was identified as a short-term priority as part of the District's Active Transportation Plan.

How will this project improve Saanich?

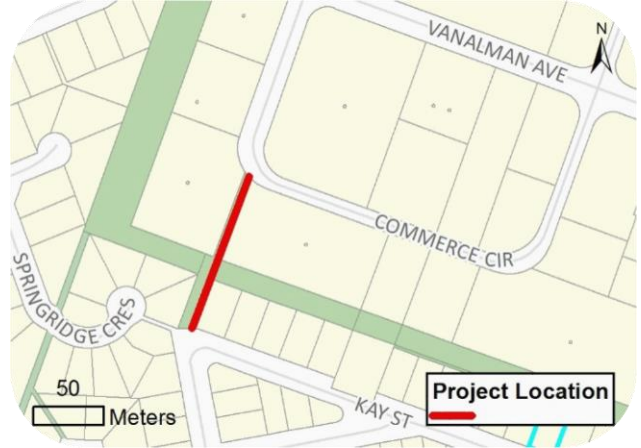
- Provide cycling infrastructure that caters to all ages and abilities
- Complete current cycling gaps in the network

Project Timing

Start date: Early 2022

Duration of work: 1 month

Project Budget \$200,000



Raymond Street Signage and Pathway

Project Description

This project will complete the Raymond Street bikeway corridor. The final phase of this project will see installation of wayfinding and a pathway improvement between Bremerton and Commerce Circle.

How will this project improve Saanich?

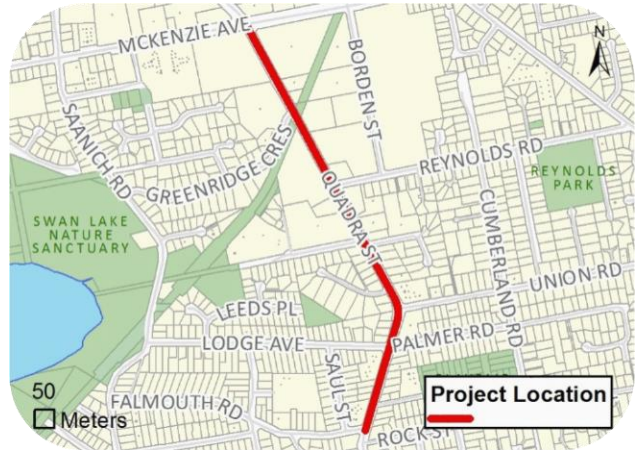
- Finalizes AAA Raymond cycling network
- Complete cycling gaps

Project Timing

Start date: Fall 2021

Duration of work: 1 month

Project Budget \$200,000



Quadra Street (Falmouth Rd to McKenzie Ave) Pavement Renewal

Project Description

The planned improvements for this project are to rehabilitate aging pavement along Quadra Street between Falmouth and McKenzie Ave. This project will include a full pavement overlay and new pavement markings.

How will this project improve Saanich?

- Renew aging infrastructure

Project Timing

Start date: Spring 2021

Duration of work: 1 month

Project Budget \$300,000



Gorge Road (Admirals Rd to Tillicum Rd)

Project Description

This project will see installation of cycling infrastructure that caters to all ages and abilities. This project will see installation of a bi-directional cycling facility on the south side between Admirals and Tillicum, in addition to upgrade to the existing sidewalk on the north side, installation of flashing beacons at crosswalks, bus stop improvements, and full pavement overlay. Storm drain infrastructure will be replaced along the corridor, in portions of the Gorgewaterway park and along the foreshore areas

How will this project improve Saanich?

- Provide pedestrian and cycling infrastructure that caters to all ages and abilities
- Complete current cycling gaps in the network
- Increase pedestrian accessibility and safety
- Renew aging infrastructure
- Mitigate climate change effects

Project Timing

Start date: Late 2021

Duration of work: 12 months

Project Budget \$5,200,000



West Saanich Road, Sparton Road, Prospect Lake Road

Project Description

The planned improvements for this project are to install a signalized intersection at the West Saanich Sparton Prospect Lake intersection. Installation of concrete sidewalks along Prospect Lake between Goward and West Saanich Road, installation of concrete sidewalks along Sparton Road between West Saanich and the Prospect Lake Community Hall and traffic calming features.

How will this project improve Saanich?

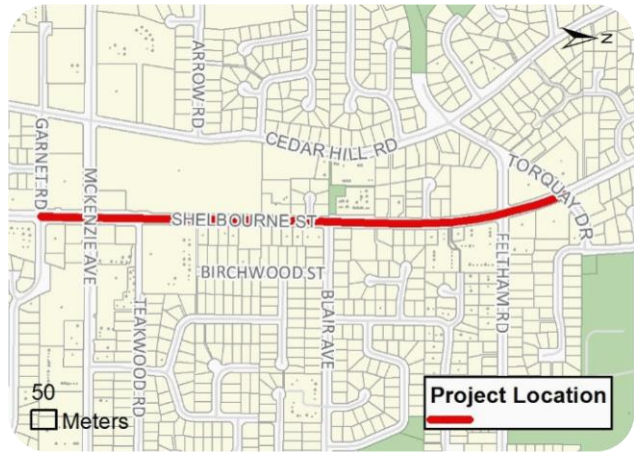
- Renew aging infrastructure
- Increase pedestrian accessibility and safety
- Traffic calming

Project Timing

Start date: Summer 2021

Duration of work: 6 months

Project Budget \$2,600,000



Shelbourne Street Improvement Project (SSIP) Phase 1: Garnet Rd to Torquay Dr

Project Description

The goal of the Shelbourne Street Improvements Project (SSIP) is to deliver the short-term mobility improvements as identified in the [Shelbourne Valley Action Plan](#) (SVAP). This project will be done in 3 phases over the next several years.

SSIP Phase 1, from Garnet Road to Torquay Drive, includes the installation of buffered bike lanes as well as improvements to pedestrian facilities and transit infrastructure. The project will also result in a new asphalt road structure and renewal or upgrades to the sewer, storm, and water infrastructure. The road cross-section will maintain four vehicle travel lanes from Garnet Road to approximately 300m north. Continuing north to Torquay Drive, the road cross-section will generally include one travel lane in each direction plus a two-way left turn lane. New traffic signals at the intersections of Cedar Hill/Feltham and Torquay/Shelbourne are also included.

How will this project improve Saanich?

- Improved traffic safety for all street users
- Installation of new cycling facilities
- Pedestrian safety improvements
- Transit infrastructure improvements
- Extended life cycle of roadway pavement
- Proactive upgrading and replacement of aging underground infrastructure prior to end of service life
- Reduced frequency of unplanned service interruptions
- Improved available water flows for fire protection

Project Timing

Start date: April 2020 **Duration of work:** 18 months

Project Budget: \$11,576,800

Transportation Capital Projects

Project	Description	Estimate
Pavement Renewal Program	Pavement milling and overlay	\$2,500,000
Burnside Road West (Charlton to Watkiss Way)		
Vanalman Ave (Mann Ave to Commerce Circle)	Full road reconstruction	
Cordova Bay Rd (Rambler to Walema)		
Orillia St (Hampton Ave to Burnside Rd)		
Quadra (McKenzie to Falmouth)	Full pavement overlay and new markings	
Wilkinson (Greenlea to Border)		
Sidewalk Installation Program	Implementing priority sidewalk projects from Active Transportation Plan	\$3,071,250
Orillia St (Maddock Ave to Burnside Rd)		
Maddock Ave (Tillicum Rd to Orillia St)		
Lurline Ave (Seaton St to End of Lurline)		
Regina Ave (Seaton St to Tillicum Rd)		
Seaton St (Burnside Rd to Regina Ave)		
Richmond Rd (Newton St to CoV Boundary)		
Elk Lake Dr (4700 Blk, north of Marsett Pl)		
Mortimer St (1534 Mortimer to Cedar Hill Rd)		
Wilkinson (Greenlea to Quick's Bottom Park Trail)		
Crosswalk Installation Program	Installation of new crosswalks or improvements to existing sidewalks	\$250,000
Saanich Road at Leslie Drive		
Bordon Street at Tim Hortons		
Cycling Infrastructure Program	Implementing Priority Cycling Projects from Active Transportation Plan	\$650,000
Boleskine(Harriet to Davidson)		
Culduthel Davidson to Hwy 1		
Davidson Boleskine to Culduthel		
Viewmont (Royal Oak to Mann)		
Douglas McKenzie to Sanctuary		
Raymond Street Signage and Pathway		

Transportation Capital Projects Continued

Project	Description	Estimate
Intersection & Traffic Signal Program	Installation of new signals or capital renewal/upgrading of existing	\$350,000
McKenzie at Saanich		
Carey at Glanford and Carey at Tillicum		
Arbutus (Finnerty to CRD Property)	Sidewalk and bike lane widening to complete works to be undertaken by CRD attenuation Tank project	\$550,000
Albina (Maddock to 3132 Albina)	Fill in sidewalk gap on west side	\$275,000
Carey Rd (Gerda to Judah)	Fill in sidewalk gaps in east and west sections	\$900,000
Dumaresq St (Interurban to Raymond)	Sidewalk connecting to school	\$550,000
Orillia St (Burnside to Hampton)	Sidewalk project, significant road work required as well. Coordinate with Drain, 2020 funding	\$300,000
Margaret St (Raymond to Glanford)	Sidewalk to school from Glanford Ave	\$375,000

WATER RESOURCES CAPITAL PROJECTS





Winston Crescent (Falmouth Rd to Leslie Dr)

Project Description

This project continues Saanich’s commitment to replace aging asbestos cement pipe in our sewer network and cast iron watermain infrastructure. These materials have demonstrated to be susceptible to leaks, infiltration and blockages as they advance in age. Timely replacement reduces the probability of service interruptions or failures.

On Winston Crescent, this involves the replacement of 250 metres of sanitary sewer main, manholes and services connections and 190 metres of water main, valves, hydrants and service connections to the property line.

How will this project improve Saanich?

- Proactively replacing aging infrastructure prior to end of service life
- Improve infrastructure capacity for end users
- Reduce potential for unplanned service interruptions through system renewal
- Coordinate construction works to reduce construction impacts to the public

Project Timing

Start date: Spring 2021 **Duration of work:** 10 – 12 weeks

Project Budget \$700,000



Taylor Street (Dean Ave to Foul Bay Rd)

Project Description

In response to increasing year over year maintenance activities on the sewer infrastructure, capital replacement of the sanitary and storm mains has risen in priority for implementation. On Taylor Street, this project involves the replacement of 80 metres of sanitary sewer main, and 190 metres of storm drain including manholes, catch basins and service connections.

How will this project improve Saanich?

- Proactively replacing aging infrastructure prior to end of service life
- Reduce potential for unplanned service interruptions through system renewal
- Optimizing operational costs
- Coordinate construction works to reduce construction impacts to the public

Project Timing

Start date: Fall 2021

Duration of work: 10 - 12 weeks

Project Budget \$605,000



Tattersall Dr (Salsbury Way to 1149 Tattersall Dr)

Project Description

This project continues Saanich’s commitment to replace substandard drainage infrastructure by upgrading, combining dual systems and installing a single main of 340 metres in length including, manholes, catch basins and service connections along the road from Salsbury Way to 1149 Tattersall Drive.

How will this project improve Saanich?

- Proactively replacing aging infrastructure prior to end of service life
- Reduce potential for unplanned service interruptions through system renewal
- Enhance ability to handle rainwater and address system capacity concerns

Project Timing

Start date: Fall 2021

Duration of work: 6 – 8 weeks

Project Budget \$595,000



Arena Rd (340 Ker Ave to Dysart Rd)

Project Description

In response to increasing year over year maintenance activities on the sewer infrastructure, capital replacement of the sanitary main has risen in priority for implementation. This project involves the replacement of 610 metres of pipe on Arena from 340 Ker Avenue to Dysart Road. This project is being investigated for the application of in place pipe lining. This technique inserts a structural plastic liner into the existing pipe to reinforce its strength, elongating its service life. It also reduces the impact to the roadway and provides an economical solution to sewer rehabilitation.

How will this project improve Saanich?

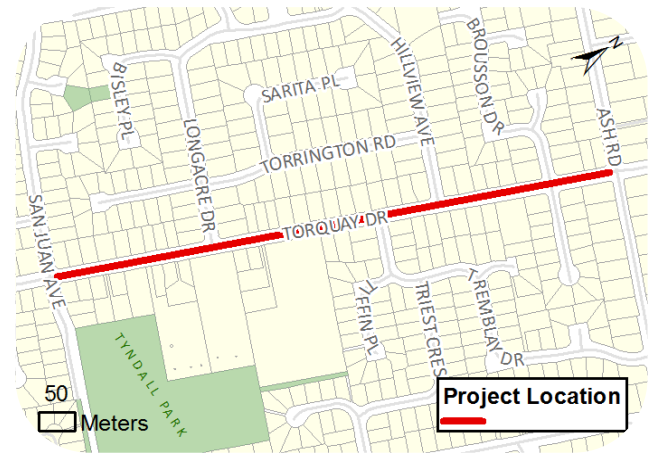
- Proactively replacing aging infrastructure prior to end of service life
- Reduce potential for unplanned service interruptions through system renewal
- Optimizing operational costs
- Optimize capital expenses

Project Timing

Start date: Fall 2021

Duration of work: 6 – 8 weeks

Project Budget \$1,037,000



Torquay Dr (San Juan Ave to Ash Rd)

Project Description

This project involves the replacement of 790 metres of water main along the south edge of Torquay Drive from San Juan Avenue to Ash Road. This project upgrade is a priority replacement identified in the Water Supply Master Plan study, where it is recommended for improving flow capacity.

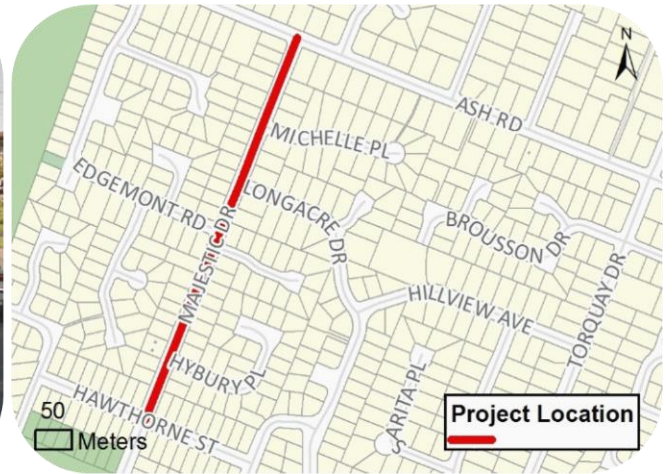
How will this project improve Saanich?

- Proactively replacing aging infrastructure prior to end of service life
- Reduce potential for unplanned service interruptions through system renewal
- Improve the system capacity in the distribution system

Project Timing

Start date: Winter 2021 **Duration of work:** 12 – 14 weeks

Project Budget \$1,106,000



Majestic Dr (Hawthorne St to Ash Rd)

Project Description

In response to increasing year over year maintenance activities on the water infrastructure, capital replacement of the watermain has risen in priority for implementation. This project involves the replacement of 550 metres of water main, fire hydrants and service connections along the west edge of Majestic Drive from Hawthorne Drive to Ash Road.

How will this project improve Saanich?

- Proactively replacing aging infrastructure prior to end of service life
- Reduce potential for unplanned service interruptions through system renewal
- Optimize operational costs
- Maintain/improve water quality in the distribution system

Project Timing

Start date: Fall 2021 **Duration of work:** 10 - 12 weeks

Project Budget \$770,000

Multi-Utility Capital Projects

Project	Description	Estimate
Battleford Ave, 85 to 171 Battleford Ave	Replace 270m of asbestos cement pipe sanitary pipe and 240m of asbestos cement pipe drainage pipe	\$879,000
Crease Ave, 165 to 230 Crease Ave, and 236 to 270 Crease Ave including branch pipes in Seaton Street	Replace 270m of asbestos cement pipe sanitary pipe and 280m of asbestos cement pipe and ductile iron storm pipe	\$1,390,000
Sinclair Rd, Finnerty Rd to Cadboro Bay	Replace 1360m of ductile water pipe and 350m of sanitary pipe and 340m of storm services	\$2,993,000
Taylor St, Dean Ave to Foul Bay Rd	Replace 160m of 150mm asbestos cement pipe and 190m of clay tile storm pipe	\$605,000
Vanalman Ave; 636 to 648 Vanalman Ave including SRW to Ridgewood Cres and 4268 Springridge Cres to 676 Vanalman Ave and 727 Vanalman to 584 Ridgewood SRW, and 652 Vanalman Ave to Colquitz Creek	Replace 985m of 150mm cast iron water pipe, 450m of various sizes of storm pipe, and 476m of 150mm asbestos cement sanitary pipe.	\$1,923,000
Winston Cres, Falmouth Rd to Leslie Dr	Replace 250m of 150mm asbestos cement sanitary pipe and 190m of 100mm cast iron water pipe	\$700,000

Single-Utility Capital Projects

Project	Description	Estimate
Adelaide Ave - 2823 Adelaide to Cowper	Install 310 m of 250mm pipe,, no existing storm main, properties drain via clay tile pipe across private property to Wyndeatt Ave	\$558,000
Arrow Rd, Cedar Hill Rd to Oakdale Pl	New 200mm Storm Main in support of Transportation project installing new sidewalk	\$88,000
Dumeresq St, 505 Dumeresq St to Raymond St S	Replace 140m of 200/250mm concrete pipe to abandon sub standard pipe on northside in conjunction with Transportation project installing a sidewalk installation	\$252,000
Lochside Trail, Located between McKenzie Ave and Quadra St	Slope failure/stabilization due to flooding in January 2020	\$70,000
Tattersall Dr, 1149 Tattersall Dr to Salisbury Way	Replace 340m of concrete storm main and includes ditch enclosures as they are under capacity, flooding on boulevards and roadways	\$595,000

Wascana St-Burnside Rd to Hampton Rd	Replace 280m of 200mm storm pipe	\$490,000
Browning St, Derby Rd to Knight Ave	Replace 255m of cast iron watermain with history of repeated main breaks	\$332,000
Clovelly Terr, Cook St to Clovelly Crt	Replace 320m of cast iron watermain in accordance with Water Master Plan	\$448,000
Earlston Ave, Cedar Hill Rd to End	Replace 180m of cast iron watermain with history of repeated main breaks	\$234,000
Elliston Ave, Tattersall Dr to 3548 Elliston	Replace 250m of asbestos cement watermain that has become flow restricted at fire hydrant	\$325,000
Forrester St, Richmond Rd to 1924 Forrester St	Replace 220m of cast iron watermain in support of Transportation project in 2022	\$308,000
Majestic Dr, Hawthorne St to Ash Rd	Replace 550m of asbestos cement watermain with history of repeated main breaks	\$770,000
Palo Alto St, Cedar Hill X Rd to Kisber Ave	Replace 190m of cast iron watermain in accordance with Water Master Plan	\$247,000
Quadra St - Cook to Holmes	Replace 354m of cast iron watermain in accordance with Water Master Plan	\$496,000
Torquay Dr, San Juan Ave to Ash Rd	Replace 790m of cast iron watermain in accordance with Water Master Plan, and reports of low fire hydrant flows during routine flushing	\$1,106,000
Vernon Ave, Nigel Ave to Saanich Rd	Replace 275m of 150mm 1955 CI, with 250mm in improving flow in Vernon Ave	\$399,000
Walema Ave, Cordova Bay Rd to Beryl Rd	Replace 165m of 150mm asbestos cement watermain with 2021 Transportation upgrades (road and curb replacement)	\$231,000
Arena Rd, 340 Ker Ave to Dysart Rd	Replace 610m of 150/200mm asbestos cement pipe, replacement for due to failing pipe and capacity concerns	\$1,037,000

PARKS CAPITAL PROJECTS





Playground Program: Accessibility & Safety Enhancements

Project Description

A number of well used playgrounds do not comply with basic accessibility needs or have assets that have outlived their useful life.

- Replace existing sand safety surfacing with wood fiber safety surfacing
- Replace worn out equipment components at a variety of playgrounds as required

Candidate sites include Allenby and Normandy Parks. Funds also include Rutledge Park playground as part of the 2020/21 waterpark grant application for installation in 2022.

How will this project improve Saanich?

- Ensure playgrounds are in safe working condition
- Ensure play area assets are replaced as their useful life span expires
- Increase park accessibility for all ages and abilities
- Reduced maintenance cost over the long term

Project Timing

Start date: April to September 2021 **Duration of work:** 6 months

Project Budget \$743,000



Field Renovation Program

Project Description

Work will be ongoing to upgrade and maintain safe and playable sports fields throughout the year. This is a multi-year program; candidate fields include Braefoot, Lochside and Hampton. One of these will be upgraded in 2021.

How will this project improve Saanich?

- Increased field playability and safety for sports users
- Reduced maintenance costs

Project Timing

Start date: April to August 2021

Duration of work: 4 months

Project Budget \$100,000



Sports Court Renovation at Allenby Park

Project Description

Work is required to rebuild the base materials that support the play surface. New paving, resurfacing, line painting (and possibly drainage) is needed to restore the court to optimal condition.

Tennis Court Resurfacing at Sierra Park

Project Description

Tennis courts will be resurfaced based on need identified in the tennis court assessment report.

How will this project improve Saanich?

- Ensure tennis courts are in safe working condition
- Increased court playability to promote active recreation
- Ensure the recreation asset continues to provide public service over the short to mid-term
- Reduced maintenance cost over the long term

Project Timing

Start date: May to October 2021 **Duration of work:** 4 months

Project Budget \$70,000



Irrigation Projects – Various

Project Description

Several significant but old and improperly functioning irrigation systems require total replacement. These include:

- Municipal Hall, Gorge Waterway Park and Saanich Commonwealth Place
- Municipal Hall and Gorge Waterway will be phased in over the next three years
- 2021 is the third year for funding request

How will this project improve Saanich?

- New and/or repaired systems are more efficient and reduce water consumption
- Ensures proper plant health which reduces maintenance requirements
- Ensures safer and more reliable playfield surfaces

Project Timing

Start date: Spring 2021

Duration of work: Throughout 2021 and continuing into 2022

Project Budget \$150,000



Bridges, Structures and Furnishings

Project Description

Ongoing bridge and structure assessments and repairs include:

- Miscellaneous footbridge deck and structural member replacements
- Parks Structures/Assets – trail marker posts, fencing, benches/tables, bike racks, water fountains, garbage bins and handrails for priority steep trail sections

Curtis Point (Gorge Park) shoreline and recreation enhancements:

- Protect sensitive shoreline vegetation and enhance limited access to water recreation opportunities

How will this project improve Saanich?

- Ensure public safety for wooden bridges and stairs
- Extended lifespan for capital assets in parks
- Increased enjoyment of parks through new/improved site amenities

Project Timing

Start date: Spring 2021

Duration of work: 8 months

Project Budget \$269,000



Trails

Project Description

Resurfacing over 100 kilometres of park trails is completed based on quadrants. Trail conditions are inspected and repaired as needed every four years in each quadrant.

Several new trails or major upgrades are planned beyond the regular quadrant renovation system.

Key 2021 trail projects include:

- Quadrant 2 (central) trail resurfacing (gravel)
- Implementation of Active Transportation Initiatives
- Ongoing repairs to trails with drainage issues in a variety of parks
- Making accessibility improvements to Lambrick Park (behind the Gordon Head Recreation Centre), Gorge Waterway and Quick's Bottom Parks

How will this project improve Saanich?

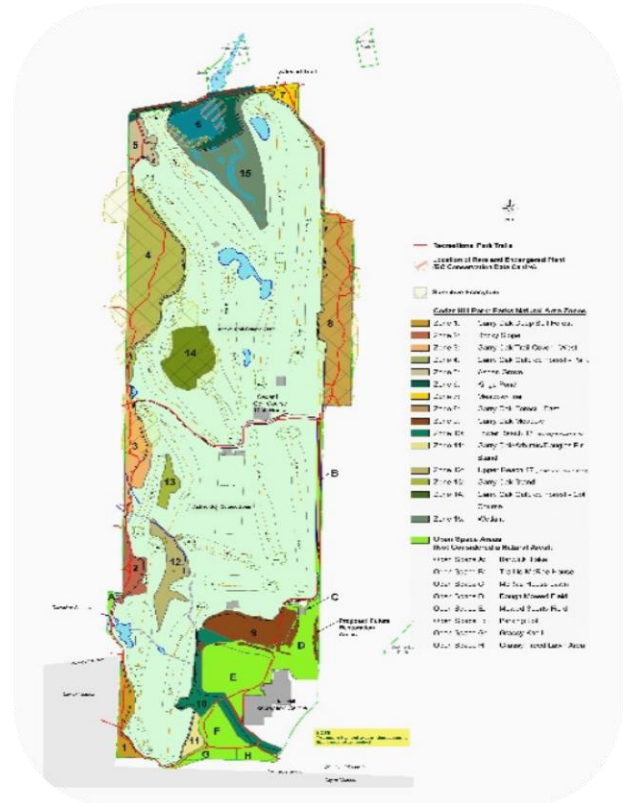
- Increased safety for trail users by reducing potential trip/fall injury
- Increased public enjoyment and use of multi-use or walking trails especially during wet conditions
- More even and safe footing on trails and beach accesses improving accessibility

Project Timing

Start date: Winter through to Fall 2021

Duration of work: 9 months

Project Budget \$275,000



Key projects to be undertaken in 2021

Cedar Hill Park Management Plan Implementation

- Based on endorsement of the park management plan by Council in 2020, funding will be required to begin implementing key initiatives. Impending projects include a feasibility study for creating a separated cycling route through the NE corner of the park envisioned in the Active Transportation Plan. Improvements to the Derby connector through the center of the golf course will also be planned and implemented.
- Undertake ongoing improvements to trails and drainage as required in this heavily used park.

How will this project improve Saanich?

- The Cedar Hill plan will promote various initiatives that benefit the environment, improve recreation opportunities, renew infrastructure, reduce user conflict and improve wayfinding.

Project Timing

Start date: Fall 2021 **Duration of work:** Possible extension of work into 2022

Project Budget \$185,000



Streetscape Renovations

Project Description

Over 700 horticultural shrub beds exist on medians, boulevards and neighbourhood cul-de-sacs. Complete renovation of the landscaping is required on a routine basis. Work involves removing the remnant landscape material and replacing it with new soil (including compost from the Greener Garbage Collection Program) and sustainable plant material and leaf mulch.

Community members partner with Saanich on the maintenance and establishment of many of the horticulture displays located in cul-de-sacs throughout Saanich. Renovations in 2021 include approximately 10 cul-de-sacs and 4 medians.

An additional project this year includes the small Japanese garden restoration in Outerbridge Park.

How will this project improve Saanich?

- Remove invasive plants and weeds and improve appearance of shrub displays
- Reduce maintenance requirements
- Lower water and irrigation needs
- Help build relationships within the community

Project Timing

Start date: Winter & Fall 2021

Duration of work: 4 months

Project Budget \$90,000



Natural Areas Restoration

Project Description

Major natural area restoration projects are planned in partnership with community volunteers and stewardship groups.

Restoration projects include native tree/shrub planting, closing/decommissioning trails, split rail fence installation and stream restoration work to improve salmon habitat and reduce erosion.

Implementation of natural areas initiatives from approved management plans:

Key projects for 2021 include:

- Haro Woods Plan Implementation
- Rithet's Bog Restoration
- Cedar Hill Park natural areas plan and Kings/Steven's Pond Assessment/Action Plan
- Creek restoration projects

How will this project improve Saanich?

- Significant enhancements and protection of Saanich's urban forest
- Improve ecosystem values
- Build community partnerships
- Enhance fish habitat

Project Timing

Start date: Spring/Summer/Fall 2021 **Duration of work:** 4 months

Project Budget \$185,000



Urban Forestry – Tree Planting

Project Description

A major goal of the Council approved Urban Forest Strategy is no net canopy loss and to provide replacement trees for all public and protected private trees that are removed.

Support key initiatives including:

- Park tree planting, boulevard tree planting and establishment, replacing bylaw protected trees lost to development of land and streets
- Hosting a Tree Appreciation Day community event
- Increase tree planting numbers up to 2000 annually (current target) to help combat climate change. This will be achieved through a variety of programs on both public and private lands.

How will this project improve Saanich?

- Work toward the goal of “no net canopy loss” of the Urban Forest Strategy
- Significant enhancements to Saanich’s urban forest
- Build community interest and raise awareness of the value of Saanich’s urban forest
- Beautify boulevards and medians increasing public enjoyment
- Help mitigate climate change

Project Timing

Start date: Fall/Winter 2021

Duration of work: January through March, and September through December

Project Budget \$260,000



Park Building Improvements

Project Description

- Implement the Parks Washroom Operations and Capital Plan
- Upgrade a variety of existing washroom buildings to enhance public use
- Install new washroom facilities in locations identified in the washroom plan
- The plan will be implemented over a seven year period
- Playfair Park – Replace existing washroom building
- Funds also include a Rutledge Park washroom as part of the federal 2020/21 waterpark grant application for installation in 2022

How will this project improve Saanich?

- Washroom facilities are a frequently requested amenity from a wide variety of park users
- Fulfills municipal commitments in the Older Adult Strategy
- Program extends the life of existing park assets
- Improve service delivery to residents

Project Timing

Start date: Spring/Summer/Fall 2021

Duration of work: Various times throughout the year

Project Budget \$540,000



Mount Douglas Park

Trail Program

- Continue to make priority trail renovations and closures
- Ongoing repairs to erosion and drainage concerns

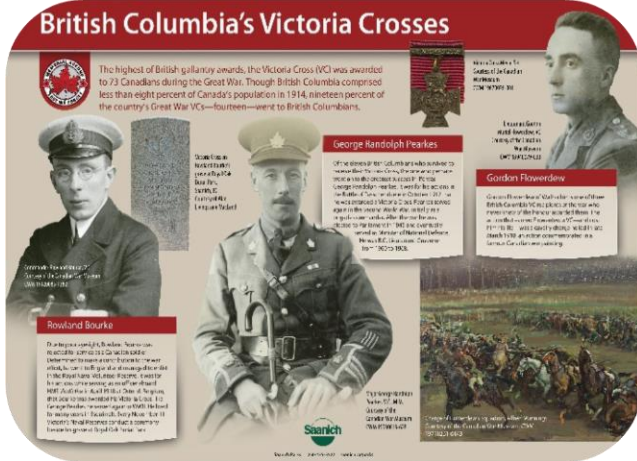
How will this project improve Saanich?

- Increase visitor experiences by providing better access
- Enhanced trails and improved safety for visitors to Mount Douglas
- Protect the natural environment of Mount Douglas Park
- Cost sharing with Friends Of Mount Douglas Park Society leverages municipal funding

Project Timing

Start date: Spring/Summer/Fall 2021 **Duration of work:** 10 months

Project Budget \$45,000 (from the Mount Douglas Transmitter Fund)



Signs & Wayfinding

Project Description

- Wayfinding and Trail Markers in various parks
- Interpretive Signs:
 - Typically 4 or 5 signs are completed each year
- Park Identification Signs:
 - Continuation of the park sign program to be installed throughout the park system over the next few years. Approximately 20 are installed each year
- Regulatory Signs:
 - Ongoing annual program to replace old and outdated signs or provide new where warranted

How will this project improve Saanich?

- Enhance a stronger sense of community and appreciation for local history
- Opportunity to work in partnership with local residents
- Improve communication and quality of information to park visitors
- Provide improved safety and regulatory messaging while visiting parks and beaches

Project Timing

Start date: Ongoing

Duration of work: 12 months

Project Budget \$92,000

Parks Capital Budget Summary

The following table lists all of the Parks' capital budget allocations for 2021.

BUSINESS UNIT ASSETS	Core Capital	Amenity or Grants	DCC Funding	Reserves	Mount Doug Transmitter Fund	Total
Playground Program						
Allenby Playground Replacement	\$300,000					\$300,000
Fibar top ups (safety surfacing)	\$40,000					\$40,000
Normandy Playground Replacement	\$175,000					\$175,000
Component replacements	\$28,000					\$28,000
Rutledge Park	\$200,000					\$200,000
Beckwith Splash Pad Components	\$30,000					\$30,000
Sub-Total	\$743,000					\$743,000
Sportsfield Program						
Field renovation program	\$100,000					\$100,000
Sub-Total	\$100,000					\$100,000
Sports/Tennis Courts						
Sierra Park courts resurfacing	\$20,000					\$20,000
Sportcourt Replacement at Allenby Park	\$50,000					\$50,000
Sub-Total	\$70,000					\$70,000
Irrigation & Landscaping Program						
Municipal Hall irrigation system replacement - multi year	\$50,000					\$50,000
Gorge Waterway Park irrigation system replacement - multi year	\$50,000					\$50,000
Saanich Commonwealth Place (SCP) system replacement - multi year	\$50,000					\$50,000
Sub-Total	\$150,000	\$-	\$ -	\$-	\$-	\$150,000
Bridges, Structures, Furnishings						
Benches, Tables, Bike Racks	\$95,000					\$89,000
Garbage Bins, Bollards, Bleachers, Fountains	\$76,000					\$83,000
Pedestrian bridge repairs	\$40,000					\$35,000
Fencing	\$15,000					\$50,000
Handrails for steep trail sections	\$8,000					\$8,000
Curtis Point Site Enhancements	35,000					35,000
Sub-Total	\$269,000					\$269,000
Parks Sign Upgrades						
Directional & Wayfinding (20 yr)	\$15,000					\$15,000
Interpretive Signs (20 yr)	\$35,000					\$35,000
Regulatory Sign Program (20 yr)	\$12,000					\$12,000
Park ID Signs (2019 to 2023)	\$30,000					\$30,000



BUDGET SUMMARY

BUSINESS UNIT ASSETS	Core Capital	Amenity or Grants	DCC Funding	Reserves	Mount Doug Transmitter Fund	Total
Sub-Total	\$92,000					\$92,000
Trails Program						
Quadrant Trail Program (gravel) - Quadrant 2	\$120,000					\$120,000
Misc trail and path improvements (ie. all surface types)	\$25,000					\$25,000
Active Transportation Plan – trail implementation	\$50,000					\$50,000
Lambrick Park Accessible Pathway (GHRC)	\$30,000					\$30,000
Accessibility Enhancements in Gorge Waterway P	\$50,000					\$50,000
Sub-Total	\$275,000					\$275,000
Buildings and Washrooms						
Washroom Plan Implementation (building conversions and pit toilets)	\$40,000					\$40,000
Playfair Park new washroom	\$200,000					\$200,000
Rutledge Park (new washroom w/waterpark)	\$300,000					\$300,000
Sub-Total	\$540,000					\$540,000
Park Renewal Program (includes multiple assets)						
Cedar Hill Park – Implement Management Plan	\$150,000					\$150,000
Misc drainage and landscaping	\$35,000					\$35,000
Sub-Total	\$185,000					\$185,000
Horticulture Islands & Streetscapes						
Streetscape-Traffic Islands/cul-de-sacs	\$90,000					\$90,000
Sub-Total	\$90,000					\$90,000
Natural Areas						
Haro Woods plan implementation program	\$30,000					\$30,000
Rithet's Bog restoration	\$25,000					\$25,000
Capital project(s) creek restoration	\$50,000					\$50,000
Kings Pond Env. Assessment/Action Plan	\$45,000					\$45,000
Cedar Hill Park Natural Areas Plan	\$15,000					\$15,000
Habitat Planting, Protection Fencing	\$20,000					\$20,000
Sub-Total	\$185,000					\$185,000
Urban Forestry						
Park tree planting program	\$40,000					\$40,000
Boulevard tree planting/watering program	\$90,000					\$90,000
Tree Planting Program	\$60,000					\$60,000
Tree Appreciation Day	\$20,000					\$20,000
Small tree replanting and establishment	\$50,000					\$50,000
Sub-Total	\$260,000					\$260,000
Planning and Design						
Misc. project support as needed	\$45,000					\$45,000
Parks and Recreation Master Plan Update	\$100,000					\$100,000
Sub-Total	\$145,000					\$145,000
Community Projects						
Annual Community / Partner Projects	\$40,000					\$40,000



BUDGET SUMMARY

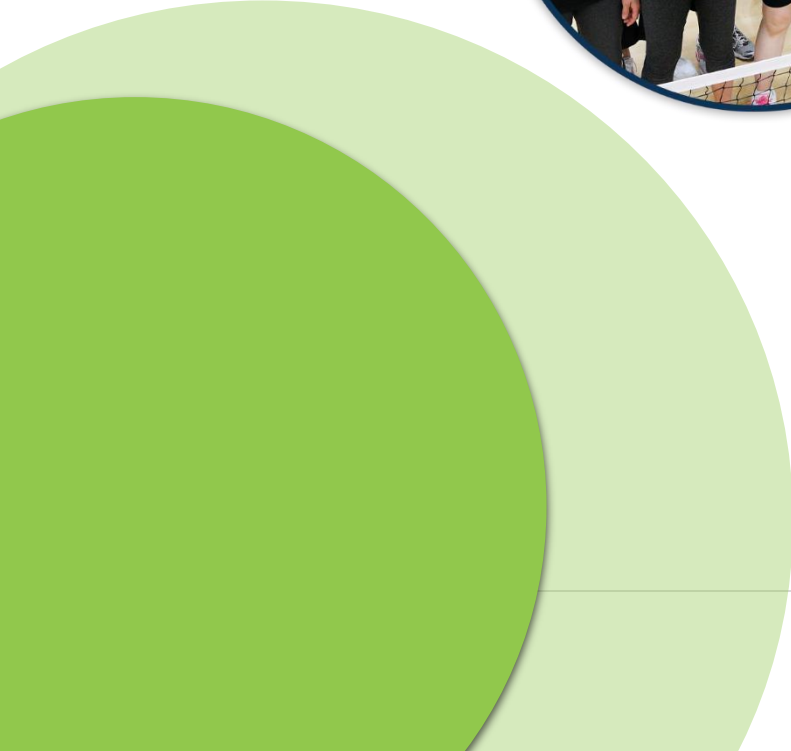
BUSINESS UNIT ASSETS	Core Capital	Amenity or Grants	DCC Funding	Reserves	Mount Doug Transmitter Fund	Total
Sub-Total	\$40,000					\$40,000
Sub Total	\$3,084,000					\$3,084,000

Reserve	\$59,900					\$59,900
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Total Capital Budget	\$ \$3,143,900					\$ \$3,143,900
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Mount Douglas Park Transmitter Fund						
Trails Program (ie. various surface materials)	\$45,000				\$45,000	
Sub-Total	\$45,000				\$45,000	

RECREATION CAPITAL PROJECTS





GR Pearkes – Client Experience and Accessibility Enhancements

Project Description

A number of projects will be undertaken at Pearkes to maintain the aging building and to enhance visitor and user group experience at the centre:

- As part of Gold Arena slab replacement project, install accessible elevator
- While Gold Arena is closed, take the opportunity to make improvements to changerooms, referee room and install new scoreclock
- Plan for the future, including design work for updated Green Arena viewing area and new fieldhouse curtain
- Various other improvement projects including refreshed foyer seating, new scissor lift and updates to the Ross and Gardom rooms

How will this project benefit Saanich residents?

- Ensure Pearkes assets are refreshed or replaced as their useful life span expires
- Better client experience, both for user groups and facility patrons
- Increase centre accessibility for all ages and abilities
- Reduce maintenance cost over the long term

Project Timing: All projects to begin in 2021, with varying duration

Total 2021 Projects Budget – Carryover and New Funding: \$410,000



Cedar Hill Community Recreation Centre – Safety and Client Experience

Project Description

- Additional ceramics storage to alleviate hallway congestion
- Ventilation upgrade for ceramics studio
- Installation of front loading Blauw kiln
- Various other improvement projects, including upgrade to air conditioning for multipurpose room, floor replacements and design work to improve access to multipurpose room

How will these projects benefit Saanich residents?

- Increased efficiency, utility savings
- Increased ceramics capacity and reduction of ergonomic injury risk
- Reduced maintenance costs
- Improved accessibility for clients

Project Timing: All projects to begin in 2021 with varying duration

Total 2021 Projects Budget – Carryover and New Funding: \$340,000



Gordon Head Community Recreation Centre – Improved Spaces and Safety

Project Description

As one of the oldest centres, Gordon Head requires a number of projects to make better use of limited space and to improve the safety of aging structures.

- Slab remediation project has begun; construction of chemical storage will alleviate load on slab until it is remediated in 2022
- Construction of additional administrative space
- Construction of additional storage on pool deck
- Acoustic panel installation
- Various other improvement projects to maintain the building

How will this project benefit Saanich residents?

- Ensure pool remains in safe working condition
- Enhancement of client experience through noise reduction and less crowded pool deck
- Reduced maintenance cost over the long term

Project Timing: All projects have begun or will begin in 2021, with slab remediation to be completed in 2022

Total 2021 Projects Budget – Carryover and New Funding: \$295,000



Saanich Commonwealth Place – Enhancement of Client Experience

Project Description

In addition to the Engineering-led SCP Biomass Mechanical Upgrade project, SCP will conduct a number of renovation and improvement projects:

- Enclose the mezzanine area to create additional programming space for Fitness
- Expand Aquatics office to provide more space for staff and for user groups
- Various other maintenance and improvement projects including improvements to main floor bathrooms, replacement of pool vacuum and installation of sound panels in lobby

How will this project benefit Saanich residents?

- Provides additional space and increased capacity for programs, which will increase revenue and provide more fitness opportunities for residents
- Enhanced client experience in various parts of the facility
- Continued safe operation of the facility

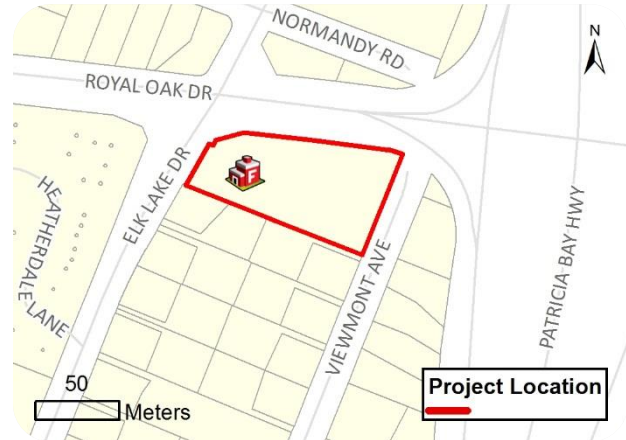
Project Timing: Projects due to start in 2021 and continue throughout the year

**Total 2021 Projects Budget –
Carryover and New Funding:**

\$540,000 (includes contribution to SCP Biomass Mechanical Upgrade project)

FACILITIES CAPITAL PROJECTS





Fire Station 2 Redevelopment

Project Description

The existing one story 3,800 ft² Fire Station 2 facility will be replaced with a new 2 story 22,000 ft² facility that will greatly increase the capacity of Saanich Fire Department apparatus and accommodate future expanded crew capacity. The building will be to very high energy performance standards (Net Zero Carbon Building, LEED Gold and Energy Step Code level 2) and constructed of mass timber.

How will this project improve Saanich?

The provision of emergency services; fire suppression, emergency response will be greatly improved with a facility that more properly stores Saanich Fire Department apparatus; much of the fleet currently not stored according to standards. The increase of staff complement for future growth anticipates the needs of residents and visitors in the growing northern areas of the District. Additionally, the facility will play a significant role in helping the District to achieve its 2050 GHG reduction targets.

Project Timing

Start date: Business Case-conceptual feasibility study September 2018

Estimated Project Completion: 2nd quarter 2023

Project Budget \$26,590,000



Pearkes Ice Slab Remediation and Elevator Replacement

Project Description

This project will involve the design and replacement of the existing to Gold Arena slab and ice pit. The scope also includes replacement of the elevator, dasher boards and glass, arena netting, and the flooring around the boards.

How will this project improve Saanich?

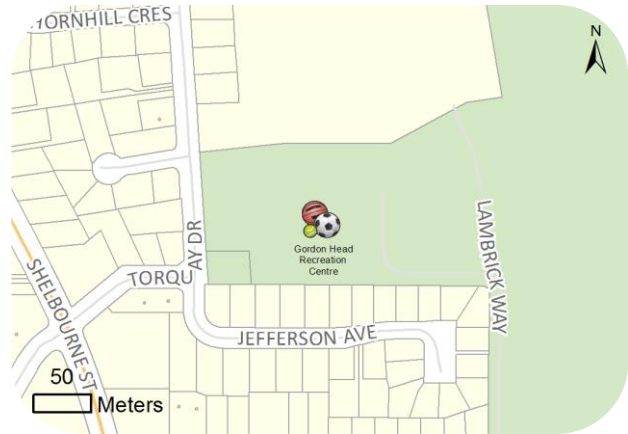
- Renew aging infrastructure
- Improve energy efficiency and reduce GHG emissions
- Pre-empt unplanned service interruptions
- Improve building and program accessibility

Project Timing

Start Date: Spring 2021

Project Duration: 6 months

Project Budget \$3,652,000



Gordon Head Recreation Centre Building Upgrades (North Envelope Rehab and Expansion, and Chemical Storage)

Project Description

This project involves the rehabilitation of concrete slabs and expansion of the building’s chemical storage. This project will also address the renewal needed for parts of the north envelope.

How will this project improve Saanich?

- Renew aging infrastructure
- Pre-empt unplanned service interruptions
- Improves safety
- Increased capacity accommodates growth

Project Timing

Start Date: Spring 2021

Project Duration: 6 months

Project Budget \$1,250,000



Fire Hall 1 Barracks Renovation

Project Description

This project will refresh the barracks quarters and update mechanical systems that do not meet current building code or safety requirements.

How will this project improve Saanich?

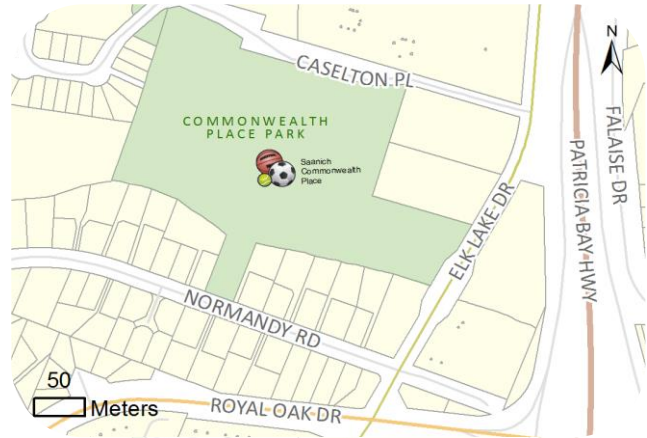
- Upgrade equipment to new standards
- Improved safety
- Replace aging infrastructure
- Improve energy efficiency and reduce GHG emissions

Project Timing

Start Date: Spring 2021

Project Duration: 6 months

Project Budget \$389,500



Saanich Commonwealth Place Mechanical Upgrades

Project Description

This project will create of a multi-year phased design to upgrade the mechanical systems at Saanich Commonwealth Place. The project leverages the Strategic Priorities Fund to reduce the facility's carbon footprint by 90% using and create a pathway for a world class carbon neutral facility.

Construction activities will be carefully staged to marginalize disruptions to building operations and programming to the community.

How will this project improve Saanich?

- Renew aging infrastructure
- Increase reliability in critical building systems
- Pre-empt unplanned service interruptions
- Increase energy efficiency and reduce GHG emissions

Project Timing

Start Date: Spring 2021

Project Duration: 12 months

Project Budget \$7,300,000



Les Passmore Wheelchair Accessibility Upgrades

Project Description

This project will provide a new accessible washroom at Les Passmore Seniors Activity Centre.

How will this project improve Saanich?

- Improve facility accessibility

Project Timing

Start Date: Summer 2021

Project Duration: 3 months

Project Budget \$117,500

Facilities Capital Projects

Facility Name	Project Name	Estimate
All Facilities	Facilities Roof Replacement	\$881,071
All Facilities	Building Improvements – Energy Management	\$150,000
Cedar Hill Golf Course	Exterior Stair Replacement	\$103,000
Fire Hall 1	Barracks Renovation	\$359,242
Fire Hall 2	Redevelopment	\$6,500,000
Fire Hall 3	Electrical Upgrade	\$446,319
Gordon Head Recreation Centre	Admin and Chemical Storage Additions	\$1,102,679
Les Passmore	Wheelchair Accessibility Upgrades	\$96,558
Municipal Hall and Annex	Interior Renovations	\$569,084
Pearkes	Slab Remediation	\$2,618,666
Pearkes	Elevator Replacement	\$862,000
Pearkes	RTU Replacement	\$75,000
Public Safety	RTU Replacement	\$506,000
Public Safety	Lighting Replacement	\$127,195
Public Works	Redevelopment	\$1,782,780
Saanich Commonwealth Place	Mechanical Upgrades	\$6,239,573
Saanich Commonwealth Place	Main Electrical Distribution and Transformer Replacement	\$615,645

PROJECT LOCATION MAPS

