

CAPITAL WORKS PROJECTS 2020

Engineering, and
Parks, Recreation and
Community Services

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

About this guide

This annual guide outlines capital projects scheduled throughout the year. It is intended as a reference for the public, staff and Council to help illustrate Saanich needs and priorities in the areas of parks, 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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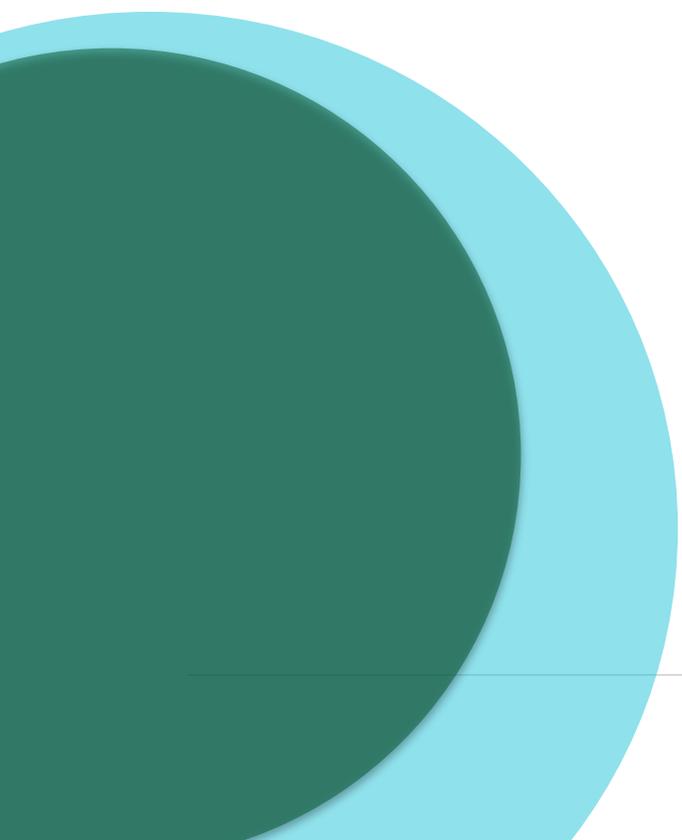


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TRANSPORTATION PROJECTS 2020





Quadra St Pavement Renewal (Falmouth Rd to McKenzie Ave)

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?

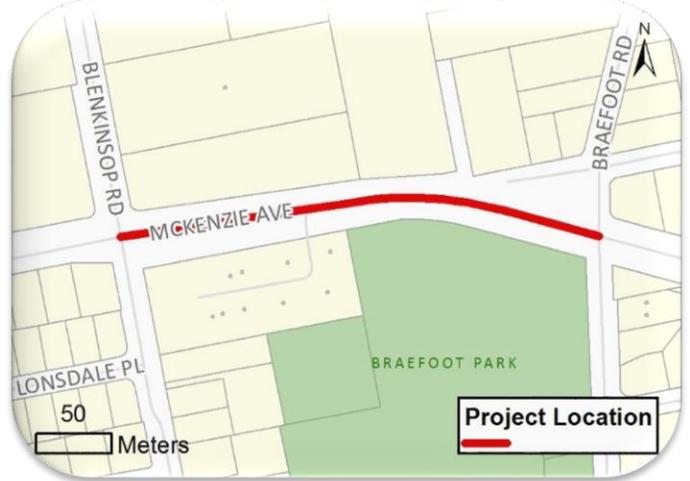
- Renew aging infrastructure

Project Timing

Start date: Spring 2020

Duration of work: 1 month

Project Budget \$200,000



McKenzie Ave Paving Project (Braefoot Rd to Blenkinsop Rd)

Project Description

The planned improvements for this project are to rehabilitate aging pavement along McKenzie between Braefoot and Blenkinsop. This project will include a full pavement overlay, installation of buffered bike lanes and new pavement markings.

How will this project improve Saanich?

- Renew aging infrastructure
- Installation of buffered bike lanes

Project Timing

Start date: Summer 2020

Duration of work: 1 month

Project Budget \$200,000



Saanich Rd Paving Project (Douglas St to Blanshard St)

Project Description

The planned improvements for this project are to rehabilitate aging pavement along Saanich Road between Douglas and Blanshard. This project will include a full pavement overlay and new pavement markings.

How will this project improve Saanich?

- Renew aging infrastructure
- Installation of bike lanes

Project Timing

Start date: Summer 2020

Duration of work: 1 month

Project Budget \$200,000



Cordova Bay Rd Sidewalk Project (Walema Ave to Rambler Rd)

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.

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

Project Timing

Start date: Late 2020

Duration of work: 5 months

Project Budget \$380,000



Fenn Ave Sidewalk Project (Cordova Bay Rd to 5250 Parker Ave)

Project Description

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

How will this project improve Saanich?

- Increase pedestrian accessibility and safety

Project Timing

Start date: Late 2020

Duration of work: 1 month

Project Budget \$200,000



Margaret St Sidewalk Project

Project Description

The planned improvements are to install a sidewalk along Margaret between Raymond Street and Glanford.

This route is in close proximity and used by students attending McKenzie Elementary School. This project includes installation of 300m of monolithic and separated sidewalk on Margaret St from Raymond St to Glanford Ave. Currently there are curb drops with wide radii and a small portion of sidewalk from Raymond St to the School entrance. This project will continue the sidewalk network to Glanford Ave and improve existing curb drops to increase accessibility. This crosswalk area has been identified in the Safe Routes to School program and the upgrades to the sidewalk and curb drop will address the concerns raised from the stakeholders.

How will this project improve Saanich?

- Increase pedestrian accessibility and safety

Project Timing

Start date: Late 2020

Duration of work: 1 month

Project Budget \$300,000



Dumeresq St Sidewalk Project

Project Description

The planned improvements are to install a sidewalk along Dumeresq between Interurban and Raymond Street.

Dumeresq Street is classified as a residential road and is frequently used for students attending Colquitz Middle School and the surrounding community as a connection between Interurban Road and Tillicum Road. The scope of the project will include installation of sidewalk on one side of the road, curb drops/ driveway accesses where needed, and upgrades to the Dumeresq/ Raymond intersection.

The project runs along the south side of Dumeresq Street from 515 Dumeresq Street to Raymond Street. The project will complete the gap in the sidewalk from Interurban Road to Raymond Street.

How will this project improve Saanich?

- Increase pedestrian accessibility and safety

Project Timing

Start date: Late 2020

Duration of work: 1 month

Project Budget \$290,000



Arbutus Rd Sidewalk Project

Project Description

The planned improvements are to install sidewalks and bike lanes along Arbutus between Finnerty and Haro in coordination with the CRD and frontage improvements required as part of the Sewage Treatment Project.

Arbutus Road is classified as a collector road and is frequently used for students attending UVic, Arbutus Global Middle School, Frank Hobbs Elementary School and surrounding facilities. The scope of the project will include installation of sidewalk on one side of the road and bike lanes on both sides of the road, curb drops where needed, upgrades to existing bus stops on both sides of the road, and upgrades to the Arbutus/ Finnerty intersection.

The project runs along the frontage of 2391 Arbutus Road. The project will connect the new design at Arbutus and Finnerty to the design by the CRD for the frontage of 2413 Arbutus Road.

How will this project improve Saanich?

- Increase pedestrian accessibility and safety
- Installation of bike lanes

Project Timing

Start date: Late 2020

Duration of work: 1 month

Project Budget \$400,000



Raymond Neighbourhood Bikeway Upgrades

Project Description

The project entails localized transportation infrastructure improvements, modifications, and additions related to pedestrian and cycling safety.

The planned improvements include upgrades to the existing Columbine crossing that cater to all ages and abilities. These changes will improve safety and increase visibility to users where Raymond pathway intersects Columbine Way, which includes changes to transportation infrastructure, operations, street lighting, street signs, and pavement markings.

How will this project improve Saanich?

- Increase pedestrian and cycling accessibility and safety crossing Columbine
- Improve pedestrian and cycling safety on Raymond Street North, Riel Place and Bremerton Street at the crossings with residential Streets

Project Timing

Start date: Late 2020

Duration of work: 1 month

Project Budget \$385,000



Wilkinson Rd Upgrades (Greenlea to Quicks Bottom)

Project Description

The planned improvements of this project are to provide pedestrian and cycling facilities that contribute to a more balanced mode share along Wilkinson Road between Greenlea Drive and Quicks Bottom Park, completing the gap in infrastructure on Wilkinson Road.

How will this project improve Saanich?

- Increase pedestrian and cycling accessibility and safety.
- Improve cycling infrastructure
- Fill in gap in the cycling network
- Full pavement overlay

Project Timing

Start date: Early 2021

Duration of work: 5 months

Project Budget \$1,100,000



West Saanich Rd / Prospect Lake Rd / Sparton Rd Intersection

Project Description

The planned improvements of this project are to provide pedestrian and cycling facilities that contribute to a more balanced mode share along Wilkinson Road between Greenlea Drive and Quicks Bottom Park, completing the gap in infrastructure on Wilkinson Road.

Based on public input gained from the open house, the improved signalized intersection option has been chosen for West Saanich / Prospect Lake / Sparton Intersection.

How will this project improve Saanich?

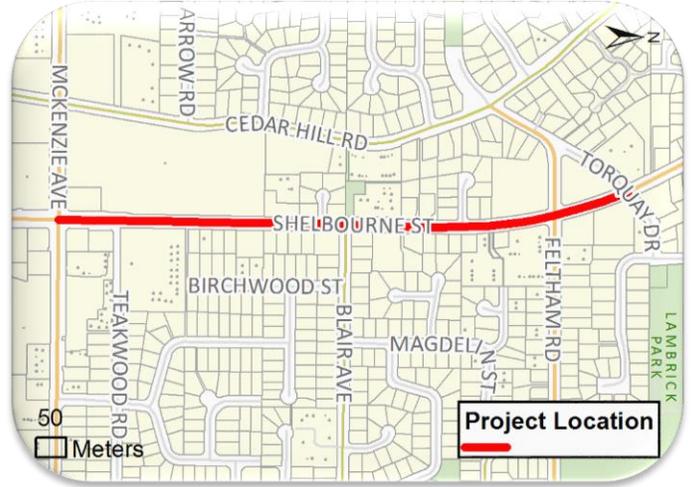
- Increase pedestrian accessibility and safety
- Improve traffic safety and flow through the intersection

Project Timing

Start date: Fall 2020

Duration of work: 6 months

Project Budget \$2,700,000



Shelbourne St Improvement Project (SSIP) Phase 1: McKenzie Ave 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 McKenzie Avenue 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 McKenzie Avenue to approximately 200m 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. A new traffic signal at the intersection of Cedar Hill Road and Feltham Road is 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:** 15 -18 months

Project Budget

\$11,718,000
 Transportation: \$4,776,000
 Sewer: \$1,629,000
 Drainage: \$2,381,000
 Water: \$2,932,000



TRANSPORTATION UPGRADE PROJECT

Transportation Capital Projects 2020

Project	Description	Estimate
Pavement Renewal Program	Pavement milling and overlay program	\$2,000,000
Quadra St (Falmouth Rd to McKenzie Ave)	Overlay or mill and pave	
Burnside Rd W (Charlton St to Watkiss Way)	Overlay or mill and pave	
Oldfield Rd (5680 Oldfield Rd to Sparton Rd)	Overlay or mill and pave	
Saanich Rd (Douglas St to Blanshard St)	Overlay or mill and pave	
McKenzie (Braefoot Rd to Blenkinsop Rd)	Overlay or mill and pave	
Haliburton (Hwy 17 to Wesley Rd)	Overlay or mill and pave	
Prospect Lake Rd (4385 to Viaduct Ave W)	Overlay or mill and pave	
Sidewalk Installation Program	Implementing priority sidewalk projects from Active Transportation Plan	\$3,500,000
Arbutus Rd (Finnerty Rd to CRD Property)	Sidewalk and bike line widening to complete works to be undertaken by CRD Attenuation Tank Project	
Cordova Bay Rd (Walema Ave to Rambler Rd)	Sidewalk and other upgrades, details as per Cordova Bay LAP results	
Fenn Ave (Cordova Bay Rd to 5250 Parker Ave)	Sidewalk as requested through LAP and ATP process	
Albina St (Maddock Ave to 3132 Albina St)	Fill in gap on west side	
Carey Rd (Gerda Rd to Judah St)	Fill in gaps in east and west sections	
Dumeresq St (Interurban Rd to Raymond St S)	Sidewalk connecting to school	
Orillia St (Burnside Rd to Hampton Rd)	Sidewalk project, significant road work required as well; coordinate with Drain	
Margaret St (Raymond St to Glanford Ave)	Sidewalk to school from Glanford Ave	
Church Ave (Ophir St to Cottonwood Rd)	Fill in sidewalk gaps	
Gordon Head Rd (3912 to Cedar Hill X-Rd)	Improve accessibility, traffic calm, and replace ageing asset	
Crosswalk Installation Program	Installation of new crosswalks or improvements to existing sidewalks	\$150,000
Kenmore Ave at Columbia Dr	Installation of Crosswalk	
Torquay Dr at Longacre Dr	Installation of Crosswalk	
Myrtle Ave at Townley St	Installation of Crosswalk	



BUDGET SUMMARY

Transportation Capital Projects 2020 *Continued*

Project	Description	Estimate
Cycling Infrastructure Program	Implementing Priority Cycling Projects from Active Transportation Plan	\$500,000
Raymond Neighbourhood Bikeway Upgrades	Includes coordination with sidewalk on Margaret St	
Intersection & Traffic Signal Program	Installation of new signals or capital renewal/upgrade existing, includes TSP/EVP	\$350,000
Quadra St and Tattersall Rd NW & SW Pole Replacement	Replace primary poles on west side of intersection	
Burnside Rd at Tillicum Mall SW Pole Replacement	Replace all four primary poles and underground infrastructure	
Transportation Upgrade Projects		
Wilkinson Rd Upgrades (Greenlea Rd to Quicks Bottom)	Funding for construction of final phase of Wilkinson Rd improvements	\$450,000
Shelbourne Street Improvement Project Phase 1 (McKenzie Ave to Torquay Dr)	Infrastructure improvements including pedestrian facility, transit infrastructure, cycling facilities, pavement	\$4,776,000
Sinclair Rd Improvements (Design Phase)	Design Funding for Sinclair Rd Improvements from Future Improvements	\$300,250
Carry Forward Projects		Estimate
Hampton Park Sidewalk and Parking Lot Improvements (Hampton Park to Seaton St)	Sidewalk connecting Hampton Park to Seaton, wheelchair accessible corner ramps and parking lot improvements	\$500,000
Prospect Lake Rd / Sparton Rd / West Saanich Rd Intersection and sidewalk upgrades	A new traffic signal, sidewalks and traffic calming is planned for this area.	\$2,600,000



WATER RESOURCES PROJECTS 2020





Albina St (Gorge Rd W to Obed Ave)

Project Description

In early February 2019, a sinkhole was discovered below the asphalt of the road on Albina St north of Gorge Rd West. Further investigations undertaken last spring determined that some additional areas of potential soil instability exist along the route of the sanitary sewer pipe installed in the early 1950's. This main was installed using tunneling methodology with timber supports with the depth of the pipe up to 8 metres below the roadway. It is speculated that the timber tunnel supports are degrading causing the soil settlement over time. The sanitary sewer remains intact and fully functional.

Remediation of the soil concerns and the sewer main are being approached on a phased-basis. Initial work in 2019 and through the beginning of 2020 includes interim support for the road structure through the use of wooden bridge structures and ground excavation/replacement. Ultimately, the entire sewer main in this block will be replaced. Engineering design will begin in the latter half of 2020 with construction to follow.

How will this project improve Saanich?

The interim measures will support the roadway traffic loads while the sewer main design is completed. The ultimate sewer replacement project will improve the efficiency and capacity of the local sewer network and alleviate the potential for future sinkholes.

Project Timing

Start date: February/March 2020 **Duration of work:** 6 - 8 weeks

Project Budget \$800,000 (interim works and reserve for future main replacement)



Hampton Park (North Side, Seaton St to the West)

Project Description

This project involves the replacement of 300 metres of sanitary sewer main along the north edge of Hampton Park from Seaton St to the west and a new sidewalk on Hampton Rd from Albina St to Seaton St. This work is being undertaken in collaboration with works planned by Saanich Parks.

How will this project improve Saanich?

- Proactively replacing aging infrastructure prior to end of service life
- Reduce potential for unplanned service interruptions by providing system capacity
- Coordinate construction works to reduce the length of construction impacts of the public
- Increase pedestrian accessibility and safety

Project Timing

Start date: Spring 2020

Duration of work: 6 - 8 weeks

Project Budget \$980,000



Regina Avenue (Tillicum Rd to Wascana St)

Project Description

This project involves the replacement of sanitary sewer mains, storm drains and watermains along Regina Ave. In total, almost 1.5 km of underground infrastructure will be replaced as a result of this investment.

How will this project improve Saanich?

- Proactively replacing aging infrastructure prior to end of service life
- Reduce potential for unplanned service interruptions by providing system capacity
- Coordinate construction works to reduce the length of construction impacts of the public

Project Timing

Start date: Winter 2020

Duration of work: 6 - 8 months

Project Budget **\$2,475,000**

Sanitary Sewer:	\$700,000
Storm Drain:	\$900,000
Watermain:	\$775,000



BUDGET SUMMARY

Water Resources: Sanitary Sewer Capital Projects 2020

Project	Description	Estimate
Sanitary Sewer Replacement & Rehabilitation Projects		
Albina St (Gorge Rd W to Obed Ave)	Interim works and future planning	\$800,000
Hampton Park (North Side, Seaton St to the West)	Tillicum to Seaton, dependency on field replacement	\$480,000
Regina Ave (Tillicum Rd to Wascana St)	Replace/upgrade 460 m of 150 mm	\$700,000
Emily Carr Dr (Rithetwood to Cotton Tree)	Replace/upgrade 110 m of 150 mm	\$176,000

Sanitary Sewer Lift Station Replacement and Rehabilitation		
Lift Station Replacement	Replacement of pump stations (Portage Area, Albina Area &/or Brett)	\$1,250,000
Lift Station Design		\$175,000

Carry Forward 2019 Projects		
Culduthel (Culduthel to Boleskine)	Asbestos Cement Main Replacement	\$200,000
Veteran St (Knight to Derby); Freeman (Veteran to St. Matthews)	Asbestos Cement Main Replacement	\$730,000
Inlet Ave (Gorge to Admirals)	Asbestos Cement Main Replacement	\$733,000
Sims Ave (Tillicum to Wascana)	Asbestos Cement Main Replacement	\$857,600
Davida Ave (438 to Tillicum)	Asbestos Cement Main Replacement	\$480,000
Orillia (Gorge to Obed)	Asbestos Cement Main Replacement	\$174,000
Donald (Gorge to Obed)	Asbestos Cement Main Replacement	\$272,000
Gorge View (Gorge to Vincent)	Asbestos Cement Main Replacement	\$280,000
Obed (Harriet to Qu'Appelle)	Asbestos Cement Main Replacement	\$320,000



Rainbow Park (4000 Douglas Street to McKenzie Avenue to Park to Rainbow Street/Seven Oaks)

Project Description

This project involves improvements to 330 metres of large storm drain mains in and around Rainbow Park. This work is part of ongoing efforts to reinforce or replace Saanich’s wood stave pipe inventory which was installed in the early 1960’s. These pipes are constructed in a series of creosote-treated wooden timbers banded together with metal strapping.

How will this project improve Saanich?

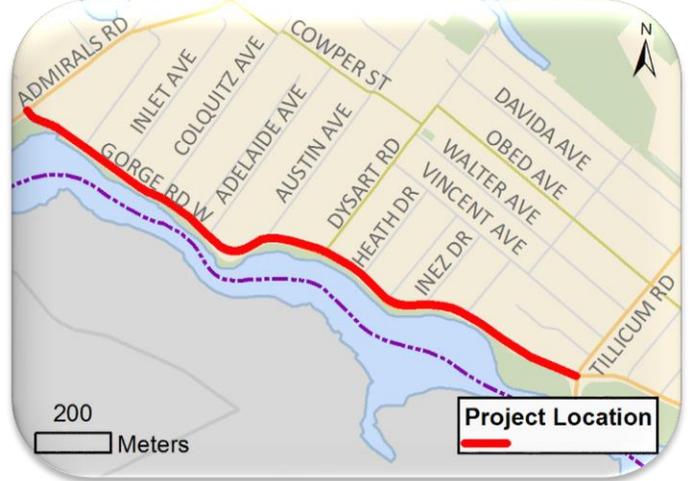
- Proactively replacing aging infrastructure prior to end of service life
- Reduce potential for unplanned service interruptions by providing system capacity
- Maintain/improve water quality in the storm network

Project Timing

Start date: Summer 2020

Duration of work: 2 – 3 months

Project Budget \$660,000



Gorge Rd Storm Drain Improvements

Project Description

Some of the oldest pipes in the infrastructure inventory are located in the Gorge area. This project involves the replacement of storm drain mains on Gorge Rd between Admirals Rd and Tillicum Rd. In total, this represents approximately 1.62 km of pipe and multiple outfall upgrades. This project takes into consideration our standard Saanich specification for storm water management as well as considers impacts to infrastructure as a result of climate change relating to sea level rise and rainfall intensities.

The project has been planned in several phases and is represented in the 2017, 2019 and 2020 capital budgets as funding is amassed for implementation beginning in late 2020. Detailed engineering designs are underway. The project is also being undertaken in advance of future pavement rehabilitation along Gorge Road.

How will this project improve Saanich?

- Proactively replacing aging underground infrastructure prior to end of service life
- Reduce potential for unplanned service interruptions by providing system capacity
- Build climate change resiliency in trunk infrastructure

Project Timing

Start date: Pt 1 (Admirals to Adelaide) & Pt 2 (Adelaide to Parkview) are currently being designed with construction to start in late 2020.

Duration of work: TBD

Project Budget **\$2,680,000**



BUDGET SUMMARY

Water Resources: Storm Drain Capital Projects 2020

Project	Description	Estimate
Wood Stave Storm Drain Replacement & Rehabilitation		
Quadra St (Culvert Crossing from 3955)	Wood Stave Culvert replacement	\$360,000
Braefoot Rd (Braefoot Pl to Wende Rd)	Wood Stave Culvert replacement	\$480,000
Rainbow Park (400 Douglas to McKenzie to Park to Rainbow St/ Seven Oaks)	Wood Stave Culvert replacement	\$660,000

Substandard Storm Drain Replacement & Rehabilitation		
Regina Ave (Tillicum Rd to Wascana St)	Replace/upgrade 600m of existing	\$900,000
Inlet Ave (2833 to Admirals Rd)	Top up 2018 Project Budget for extended scope	\$390,000
Wellsview Rd (SRW @ 5703)	Replace 82m of existing	\$115,000
Hampton Rd (Tillicum to Seaton)	Replace/upgrade 365m of existing	\$365,000
Walter Ave (Bodega Rd to Tillicum Rd & 2 SRW's)	Replace/upgrade 170m of existing	\$240,000

Carry Forward 2019 Projects		
Culduthel Rd (Culduthel Rd to Boleskine Rd)	Wood Stave Culvert Replacement	\$369,600
Gorge Rd Drainage Improvements (Admirals to Tillicum)	Infrastructure improvements including underground utilities	\$2,680,000
Sims (Battleford to Seaton & SRW)	Replace/upgrade 660m of existing	\$1,252,000
Davida (438 to Tillicum)	Replace/upgrade 470m of existing	\$660,000
Orillia (Hampton to Burnside)	Replace/upgrade 470m of existing	\$210,000
Obed (Harriet to Wascana)	Replace/upgrade 250m of existing	\$325,000
Donald (Gorge to Obed)	Replace/upgrade 180m of existing	\$255,000



Leslie Dr (921 Leslie Dr to Savannah Ave)

Project Description

This project involves replacement and upsizing of 100 metres of watermain along Leslie Dr and through Tolmie Park. This work is part of ongoing efforts to reinforce the water system by eliminating dead end mains and creating an inter-connected, looped system.

How will this project improve Saanich?

- Proactively replacing aging infrastructure prior to end of service life
- Reduce potential for unplanned service interruptions by providing system capacity and redundancy
- Improve water quality and quality in the water system

Project Timing

Start date: Fall 2020 **Duration of work:** 4 - 8 weeks

Project Budget \$312,500



Medway St, Spring Bay Rd, & White Rock St (North of Baynes Road)

Project Description

This project involves replacement and upsizing of 340 metres of watermain along Medway, Spring Bay and White Rock roads. This work is part of ongoing efforts to reinforce the water system by improving watermain capacity in strategic areas and replacing mains at the end of their useful asset life.

How will this project improve Saanich?

- Proactively replacing aging infrastructure prior to end of service life
- Reduce potential for unplanned service interruptions by providing system capacity

Project Timing

Start date: Fall 2020

Duration of work: 8 - 10 weeks

Project Budget \$425,000



BUDGET SUMMARY

Water Resources: Water Facilities Capital Projects 2020

Project	Description	Estimate
Water Facilities Replacement & Rehabilitation		
Dawe Rd (Cadboro Bay Rd to Arbutus Rd)	Replace/upgrade 260m of existing	\$325,000
Leslie Dr (921 Leslie Dr to Savannah Ave)	Replace/upgrade 100m of existing and 150m of WM loop	\$312,500
Milgrove St (Gorge Rd W to 2910 Milgrove S)	Replace/upgrade 20m of existing	\$30,000
Regina Ave (240 Regina Ave to Wascana St)	Replace/upgrade 405m of existing	\$775,000
Spring Bay Rd (Medway St and White Rock St)	Replace/upgrade 340m of existing	\$425,000

Carry Forward 2019 Projects		
Lodge Rd (Saanich Rd to Quadra St)	Replace/upgrade 610m of existing	\$984,000
Sims Ave (Seaton St to Wascana St)	Replace/upgrade 660m of existing	\$380,000
Inlet Ave (Gorge Rd W to Admirals Rd)	Replace/upgrade 600m of existing	\$650,000
Davida Ave (462 to Tillicum Rd)	Replace/upgrade 440m of existing	\$650,000
Donald St (Gorge Rd W to Obed Ave)	Replace/upgrade 195m of existing	\$243,800
Gorge View Dr (Gorge Rd W to Vincent Rd)	Replace/upgrade 205m of existing	\$256,300
Orillia St (Burnside Rd to Hampton Rd)	Replace/upgrade 170m of existing	\$212,500
Prospect Lake Rd (West Saanich Rd to Prospect Lake Elementary)	Replace/upgrade 150m of existing	\$210,000
Vernon Ave (Nigel Ave to 894)	Replace/upgrade 150m of existing	\$210,000
Mt Tolmie Pumps Back-up Power and Electrical	Replace/upgrade existing components	\$650,000



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 life. This program will:

- Replace existing sand safety surfacing with wood fibre safety surfacing
- Add concrete ramps to play areas for accessibility
- Replace worn out assets such as furniture, bike racks, drinking fountains, equipment components including Beckwith Park splash pad

Candidate sites include Mt. Douglas, Beckwith, Craigflower, and Blair Parks

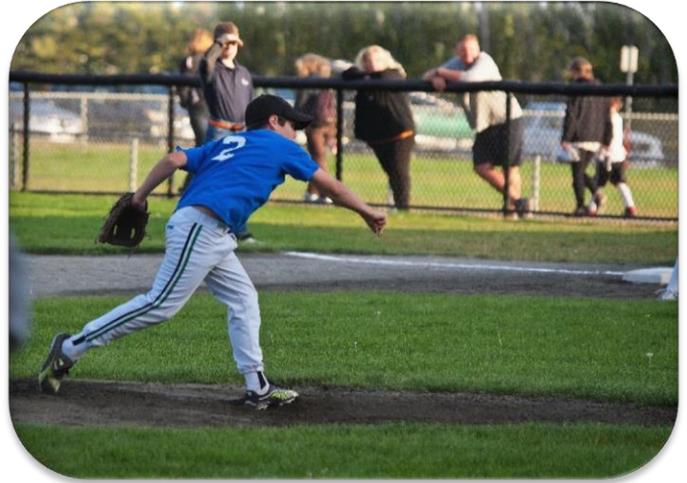
How will this project improve Saanich?

- 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: March – December 2020 **Duration of work:** 10 months

Project Budget \$298,000



Layritz Park: Final Preparation for 2020 Little League National Championship

Project Description

In support of Layritz Little League’s hosting of the National Championship in 2020, Baseball Diamond No. 3 has been renovated to Little League standards. This work is 80% complete; top dressing, aerating of the infields/outfields and running path improvements will continue right up to the tournament start

Field Renovation Program

Project Description

Ongoing work to upgrade and maintain safe and playable sports fields is being completed throughout the year

How will this project improve Saanich?

- Layritz Little League will be hosting the 2020 National Little League Championships
- Positive representation of Saanich during the nationally covered baseball tournament
- Increased field playability and safety for sports users
- Reduced maintenance costs

Project Timing

Start date: April to August 2020

Duration of work: 4 months

Project Budget \$125,000



Wedgewood Park: Tennis Court Renovation

Project Description

The tennis court surface is showing signs of failure with settlement and cracking in several locations. 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.

Maltwood Park and Rutledge Park: Tennis Court Resurfacing

Project Description

Tennis courts at these two parks will be resurfaced based on need identified in the tennis court assessment.

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 2020 **Duration of work:** 4 months

Project Budget \$180,000



Hampton Park: Parking Lot Improvements

Project Description

Renovation to the existing parking lot which is in very poor condition. This asset is a priority project in the parking lot assessment study which was undertaken in 2012.

The project includes formalizing the layout to increase efficiency, drainage, resurfacing, some minor retaining walls, new landscaping, including tree planting and pathways to improve pedestrian flow. The work will occur in the window between soccer and baseball seasons.

Engineering will be installing new sidewalks and boulevard on Hampton Road and the civil design and implementation of this project is being coordinated to immediately follow the completion of the streetscape improvements.

How will this project improve Saanich?

- Hampton Park has multiple user groups such as Gorge Soccer and Hampton Little League, and parking can be extremely congested during sport events
- Renovated facility will create more efficient and safe use of space
- Ease local parking congestion
- Enhancements to Saanich’s urban forest
- Extends service life for 30+ years

Project Timing

Start date: June 15 to September 15 **Duration of work:** 3 months

Project Budget \$75,000 (to augment funding approved in 2019)



Various Locations: irrigation Projects

Project Description

Several old and improperly functioning irrigation systems require replacement or upgrades.

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. 2020 is the second year for funding request.

The Joe Stephenson Field irrigation system at Lambrick Park will be re-done to correct the system layout, in order to improve water conservation and efficiency.

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 2020

Duration of work: 2020-2021

Project Budget \$150,000



Bridges & Structures

Project Description

2020 bridge and structure assessments and repair projects include miscellaneous footbridge deck and structural member replacements.

In order to do this, the District will undertake structural assessments of major pedestrian bridges along the Colquitz River corridor, in addition to parks structures/assets. This includes wood marker posts, trail markers, fencing, benches/tables, bike racks, water fountains and handrails for priority steep trail sections.

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 2020

Duration of work: 8 months

Project Budget \$265,000



Trail Improvements

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 2020 trail projects include:

- Quadrant 1 (south of McKenzie Ave.) trail resurfacing (gravel).
- Implementation of Active Transportation Initiatives.
- Ongoing repairs to trails with drainage issues in Mount Douglas Park.
- Improvements to Bowker Creek pathway at Richmond Road entrance

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
- Safer and more even footing on trails and beach accesses improving accessibility

Project Timing

Start date: Spring 2020

Duration of work: 8 months

Project Budget \$195,000



Parks Renewal Program: Key Projects for 2020

Horner Park Renewal

- Implement plan to renew existing park assets and respond to citizen requests for enhancements to the park. Scope is similar to recent park renewals completed at Tolmie and McMinn Parks.

Cedar Hill Park Management Plan Implementation

- Based on endorsement of the park management plan by council expected to occur in spring 2020, funding will be required to begin implementing key initiatives.

Youth Park at BC Hydro Lease – George Tripp Substation

- Implement new youth park as per the Youth Development Strategy (add to funds approved in the 2019 capital budget)

How will this project improve Saanich?

- Promotes accessible amenities as identified in the Council approved Older Adult Strategy 2017; delivery of action items in the Youth Development Strategy
- Creates more livable and healthy community by providing recreation opportunities in key parks; a key focus is youth in parks
- 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: Spring 2020

Duration of work: Throughout 2020

Project Budget \$850,000



Horticulture & 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 2020 include 10 cul-de-sacs and 4 medians.

An additional project this year includes restoring some of the plantings in Doris Page 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 2020

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.

Key projects for 2020 include:

- Haro Woods
- Rithet's Bog
- Quick's Bottom Restoration
- Colquitz Creek Restoration

How will this project improve Saanich?

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

Project Timing

Start date: Summer & Fall 2020

Duration of work: 4 months

Project Budget \$181,000



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.

Key initiatives to support this include:

- 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 to 2000 trees annually 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: Winter / Fall 2020

Duration of work: 3 month periods
January through March
September through December

Project Budget \$310,000



Park Building Improvements

Project Description

Planned improvements include implementation of the recently completed Parks Washroom Operation and Capital Plan.

- Upgrade a variety of existing washroom buildings to enhance public use.
- Install new washroom buildings in locations identified in the washroom plan.
- The plan will be implemented over a seven year period.

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 to Fall 2020

Duration of work: Various throughout

Project Budget \$50,000



Mount Douglas Park: Pedestrian Bridge & Trail Renovations

Project Description

This project involves working in partnership with the Friends of Mount Douglas Park to plan a new trail route that crosses Douglas Creek. This project includes the design and installation of a lightweight pedestrian bridge spanning approximately 13 metres.

Trail renovations involve continuing to inventory and implement priority trail renovations and closures.

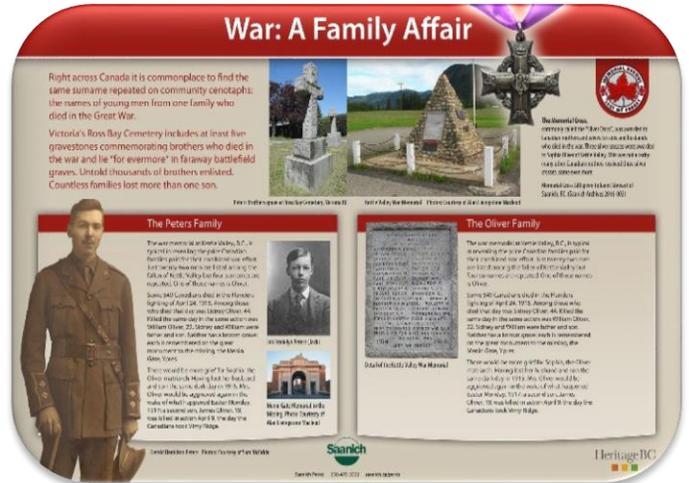
How will this project improve Saanich?

- Increase visitor experiences by providing better access to the newly restored creek
- Opportunity to create awareness and education about restoration projects
- Enhanced trails and improved safety for visitors to Mount Douglas
- Protect the natural environment of Mount Douglas Park
- Cost sharing with FOMD leverages municipal funding

Project Timing

Start date: Spring to Fall 2020 **Duration of work:** 10 months

Project Budget \$105,000 (Mount Douglas Transmitter Fund)



Signs & Wayfinding

Project Description

This program includes various wayfinding and trail marker signs in parks around the District of Saanich. Typically 4 or 5 interpretive signs are completed each year.

Park identification signs are the continuation of the new park sign program to be installed through the park system over the next 5 years. Approximately 20 signs will be installed each year.

Regulatory signs are part of the annual program to replace old and outdated signs or to provide new signage 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 Projects 2020

Project	Description	Estimate
Playground Program	Playground program – site enhancements	\$200,000
	Fibar top ups (safety surfacing)	\$40,000
	Component replacements	\$28,000
	Beckwith Splash Pad Components	\$30,000
	Sub-Total	\$298,000
Sports field Program	Layritz Little League 2020 Nationals Tournament	\$50,000
	Field renovation program	\$75,000
	Sub-Total	\$125,000
Sports/Tennis Courts	Wedgewood Park tennis court reconstruction	\$150,000
	Maltwood and Rutledge courts resurfacing	\$30,000
	Sport court Renewal	\$50,000
	Sub-Total	\$230,000
Parking	Hampton Park - parking lot and pathway renovations	\$75,000
	Gorge Park – lot repair	\$50,000
	Sub-Total	\$125,000
Irrigation & Landscaping Program	Municipal Hall irrigation system replacement - multi year	
	Gorge Waterway Park irrigation system replacement - multi year	
	Saanich Commonwealth Place (SCP) system replacement - multi year	
	Sub-Total	\$150,000
Bridges, Structures, Furnishings	Benches, Tables, Bike Racks	\$89,000
	Garbage Bins, Bollards, Bleachers, Fountains	\$83,000
	Pedestrian bridge repairs	\$35,000
	Fencing at Glanford Park	\$50,000
	Handrails for steep trail sections	\$8,000
	Sub-Total	\$265,000
Parks Sign Upgrades	Directional & Wayfinding (20 yr)	\$15,000
	Interpretive Signs (20 yr)	\$35,000
	Regulatory Sign Program (20 yr)	\$12,000
	Park ID Signs (2019 to 2023)	\$30,000
	Sub-Total	\$92,000



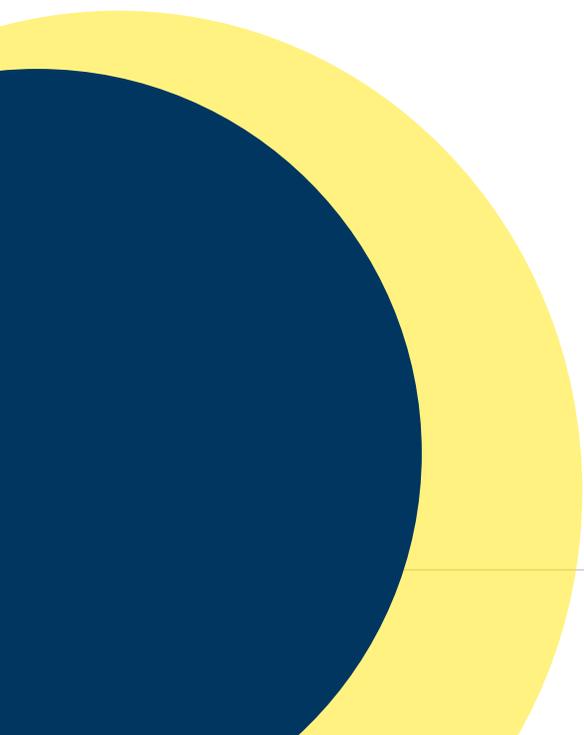
BUDGET SUMMARY

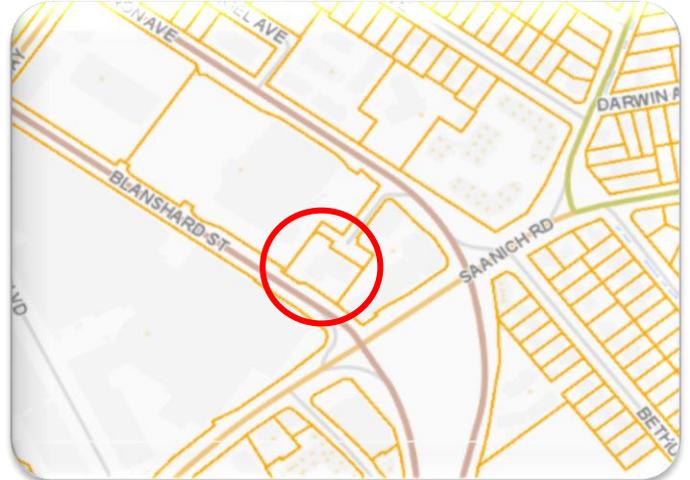
Parks Capital Projects 2020 *Continued*

Project	Description	Estimate
Trails Program	Quadrant Trail Program - Quadrant 1	\$120,000
	Other trail improvements (ie. all surface types)	\$25,000
	Active Transportation Plan – trail implementation	\$50,000
	Sub-Total	\$195,000
Buildings and Washrooms	Washroom Plan Implementation (pit toilets, building conversions)	\$50,000
	Sub-Total	\$50,000
Park Renewal Program (includes multiple assets)	Cedar Hill Park – Implement Management Plan	\$100,000
	Horner Park Renewal	\$650,000
	Youth Park (BC Hydro Lease Site)	\$100,000
	Sub-Total	\$850,000
Horticulture Islands & Streetscapes	Streetscape-Traffic Islands/cul-de-sacs	\$90,000
	Sub-Total	\$90,000
Natural Areas	Haro Woods plan implementation program	\$31,000
	Rithet's Bog restoration	\$40,000
	Quick's Bottom restoration	\$35,000
	Creek/Pond restoration	\$75,000
	Sub-Total	\$181,000
Urban Forestry	Park tree planting program	\$40,000
	Boulevard tree planting/watering program	\$90,000
	Bylaw replacement trees	\$60,000
	Tree Appreciation Day	\$20,000
	Small tree replanting and establishment	\$50,000
	Capital Restoration	\$50,000
	Sub-Total	\$310,000
Planning and Design	Misc. project support as needed	\$40,000
	Parks and Recreation Master Plan Update	\$100,000
	Sub-Total	\$140,000
Community Projects	Annual Community / Partner Projects	\$40,000
	Sub-Total	\$40,000
	Sub Total of all Capital Projects	3,141,000
	Reserve	\$11,700
	Total Capital Budget	\$ 3,152,700
Mount Douglas Park Transmitter Fund	New pedestrian bridge/trail at Douglas Creek	
	Trails Program (ie. various surface materials)	



FACILITIES CAPITAL PROJECTS 2020





3500 Blanshard St: Renovation

Project Description

This project involves renovating 3500 Blanshard into office space for the Engineering Department and the renovation of office space at the Municipal Hall and Annex

How will this project improve Saanich?

- Increases capacity for the Municipal Campus workplace
 - including meeting rooms and support spaces
- Accommodates growth and expansion for Municipal Serves

Project Timing

Start date: Spring 2020

Duration of work: 6 months

Project Budget \$2,100,000



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?

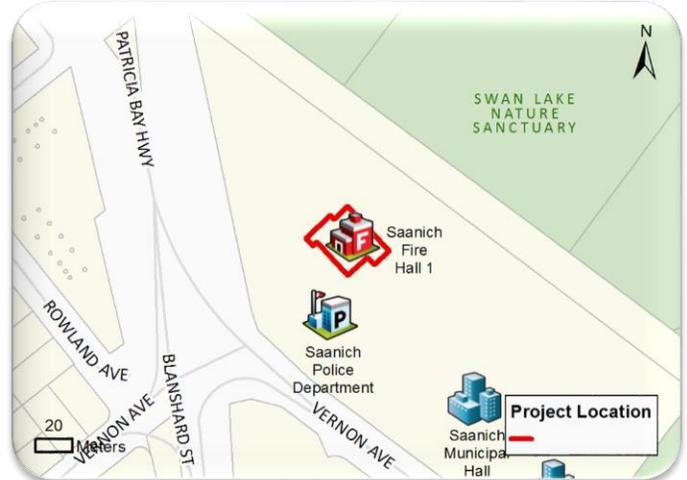
- Renew aging infrastructure
- Increase reliability in critical building systems
- Pre-empt unplanned service interruptions
- Increase energy efficiency and reduce GHG emissions

Project Timing

Start date: Summer 2020

Duration of work: 36 months

Project Budget \$4,100,000



Fire Hall No. 1: Barracks & Kitchen Refresh

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
- Improves safety
- Replace aging and infrastructure
- Improves energy efficiency and reduces GHG emissions

Project Timing

Start date: Summer 2020

Duration of work: 6 months

Project Budget \$389,500



Les Passmore Seniors Activity Centre: 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?

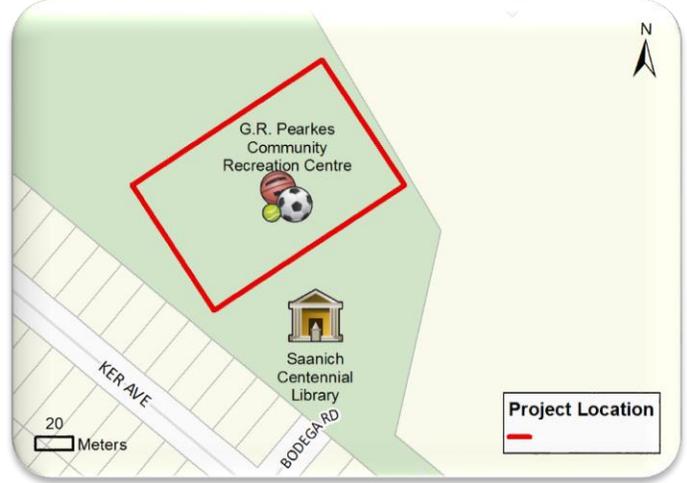
- Improves facility accessibility

Project Timing

Start date: Spring 2020

Duration of work: 3 months

Project Budget \$117,500



G.R. Pearkes Recreation Centre: Ice Slab Remediation & Elevator Replacement

Project Description

This project will involve the design and replacement of the existing 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?

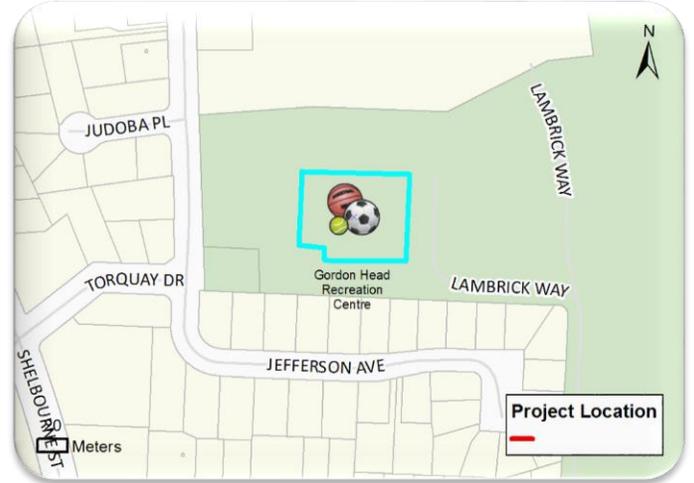
- Renew aging infrastructure
- Improve energy efficiency and reduce GHG emissions
- Pre-empt unplanned service interruptions
- Improve building and program accessibility

Project Timing

Start date: Winter 2020

Duration of work: 20 months

Project Budget \$2,650,000



Gordon Head Recreation: Concrete Slab Rehabilitation, Chemical Storage Expansion, North Envelope Renewal

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
- Increase capacity to accommodate growth

Project Timing

Start date: Fall 2020

Duration of work: 6 months

Project Budget \$1,250,000

Facilities Capital Projects 2020

Project	Description	Estimate
3500 Blanshard/Hall/Annex	Interior Renovations	\$2,100,000
All Facilities	Facilities Roof Replacement	\$932,900
All Facilities	Emergency Lighting Renewal	\$154,300
Cedar Hill Golf Course	RTU Replacement	\$400,000
Cedar Hill Golf Course	Clubhouse Remediation	\$150,000
Fire Hall 1	Apparatus Bay Roof Replacement	\$288,000
Fire Hall 1	Kitchen/Barracks Renovation	\$389,500
Fire Hall 1	Apparatus Door Number 2 Expansion	\$52,250
Fire Hall 1	Emergency Backup Power	\$30,000
Fire Hall 2	Redevelopment	\$1,460,000
Fire Hall 3	Electrical Upgrade	\$369,794
Gordon Head Recreation Centre	Building Upgrades	\$1,250,000
Les Passmore	Wheelchair Accessibility Upgrades	\$117,500
Municipal Hall	Envelope Remediation - Phase 1	\$166,600
Pearkes	Ice Slab Remediation and Elevator Replacement	\$2,650,000
Public Safety	RTU Replacement	\$616,000
Public Safety	Lighting Replacement	\$137,500
Public Works	Redevelopment Project Planning	\$280,000
Saanich Commonwealth Place	Mechanical Upgrades	\$4,100,000
Saanich Commonwealth Place	Main Electrical Distribution Replacement	\$165,000



BUDGET SUMMARY

Recreation Capital Projects 2020

Project	Description	Estimate
Cedar Hill Community Recreation Centre	Reception / Café modifications	\$40,000
	Ceramics Ventilation	\$135,000
	Ceramics Studio Storage	\$56,252
Gordon Head Community Recreation Centre	Feltham Room Improvements	\$63,700
	Lighting Upgrades	\$29,000
	Continuation of Acoustic Tiling Work in Natatorium	\$95,000
	Doors for Universal Change Rooms	\$24,000
G.R. Pearkes Community Recreation Centre	Lighting Upgrades	\$81,000
	Parking Lot / Courtyard Redesign	\$75,000
	Gold Arena Improvements	\$70,000
	Snow Pit	\$57,126
Saanich Commonwealth Place	Construction of Mezzanine Fitness Room	\$160,000
	Aquatic Office Construction	\$95,000
	Refurbish Weight Room Floor	\$80,000
	Men's Change Room Locker Fronts Replace	\$25,000
	SCP Health & Wellness Improvements	\$25,000
Recreation Division	Exterior Sign Replacement	\$125,000



PROJECT LOCATION MAPS 2020

