



CAPITAL WORKS PROJECTS 2019

Engineering &
Parks and Recreation

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

Questions?

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





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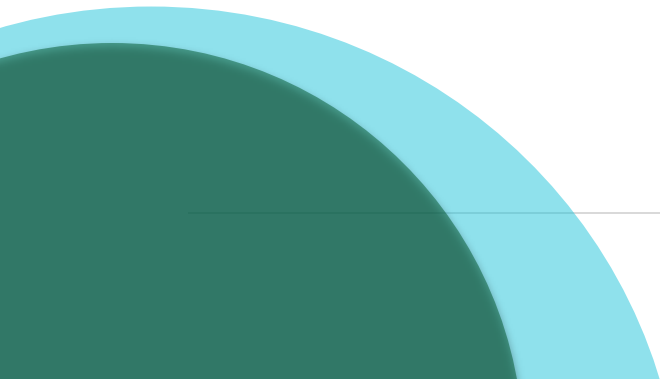


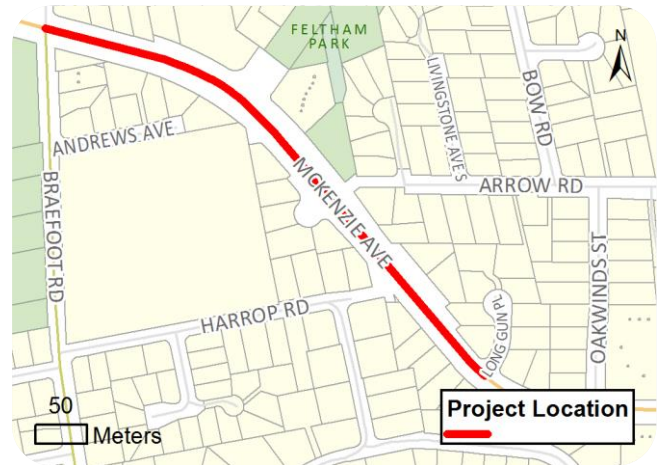
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TRANSPORTATION PROJECTS 2019





McKenzie Avenue pavement renewal – Braefoot Road to Longgun Place

Project description:

The planned improvements for this project are to rehabilitate aging pavement along McKenzie Avenue between Braefoot Road and Longgun Place. This project will include a full pavement overlay, installation of improved cycling facilities and new pavement markings.

How will this project improve Saanich?

- Renew aging infrastructure
- Provide improved dedicated cycling facilities

Project timing:

Anticipated start date: Spring 2019
 Duration of work: 2 months

Project budget: \$290,000



Royal Oak Avenue sidewalk installation – Chatterton Way to 899 Royal Oak Avenue

Project description:

The planned improvements of this project are to provide pedestrian facilities that complete sidewalk gaps in the network.

How will this project improve Saanich?

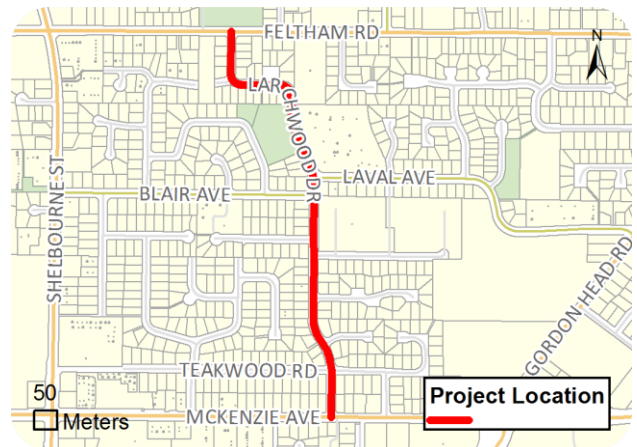
- Increase pedestrian accessibility and safety

Project timing:

Start date: Late 2019

Duration of work: 2 months

Project budget: \$700,000



Larchwood Drive cycling infrastructure – Feltham Road to McKenzie Avenue

Project description:

The planned improvements of this project are to provide cycling facilities that contribute to a more balanced mode share along Larchwood Drive. This project will include installation of bike lanes connecting Feltham Road and McKenzie Avenue.

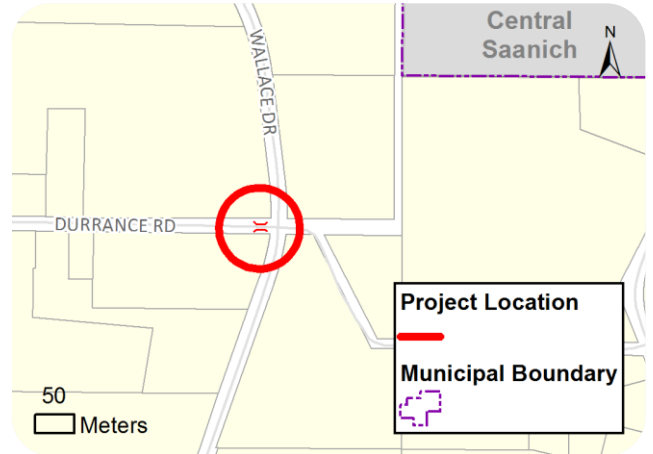
How will this project improve Saanich?

- Improve cycling infrastructure
- Fill in gap in the cycling network
- Provide cycling facilities for all ages and abilities

Project timing:

Start date: Summer 2019
 Duration of work: 1 month

Project budget: \$300,000



Durrance Road bridge replacement

Project description:

The planned improvement of this project is to replace aging infrastructure. This project will include the upgrade and replacement of the existing bridge over Todd Creek.

How will this project improve Saanich?

- Replace Aging infrastructure

Project timing:

Start date: Spring 2019 (design)
Summer 2020 (construction)
Duration of work: 4 months

Project budget: \$900,000



West Saanich Rd. / Prospect Lake Rd. / Sparton Rd. intersection improvements

Project description:

The planned improvements of this project are for traffic movements and safety to the intersection by providing safe pedestrian facilities on Sparton Road to the community hall and on Prospect Lake Road from West Saanich Road to Goward Road.

How will this project improve Saanich?

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

Project timing:

Start date: Spring 2019 (design)
 Summer 2020 (construction)

Duration of work: 5 months

Project budget: \$2,600,000



Ridgebank pavement and underground improvements – Carey Road to Vanalman Avenue

Project description:

This project is to rehabilitate aging infrastructure along Ridgebank Crescent between Carey Road and Vanalman Avenue.

This project will include complete road reconstruction, rehabilitation of the existing sewer infrastructure, replacement of the existing storm drain infrastructure, and improvement to the existing curb returns for wheelchair accessibility at Carey Road, Springridge Crescent, and Vanalman Avenue.

How will this project improve Saanich?

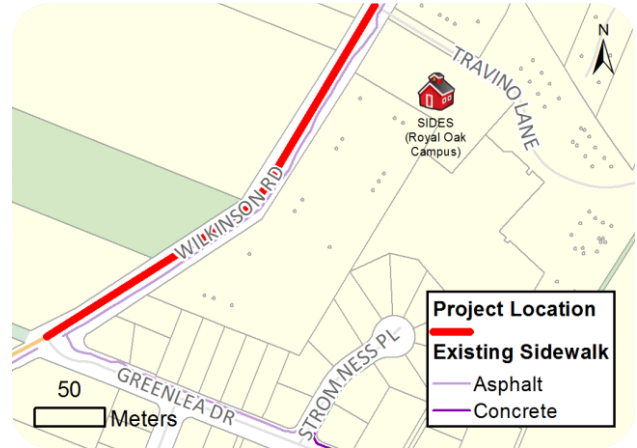
- Renew aging infrastructure
- Increase pedestrian accessibility and safety

Project timing:

Start date: Spring 2019
 Duration of work: 4 months

Project budget:

Transportation	\$700,000
Sewer	\$560,000
Drain	\$50,000



Wilkinson Road upgrades – Travino Lane to Greenlea Drive

Project description:

The planned improvements for this project are to provide pedestrian and cycling facilities that contribute to a more balanced mode share along Wilkinson Road from Travino Lane to Greenlea Drive.

This project will include installation of concrete sidewalks on both sides of the road, painted bike lanes and an intersection improvement at Greenlea Road.

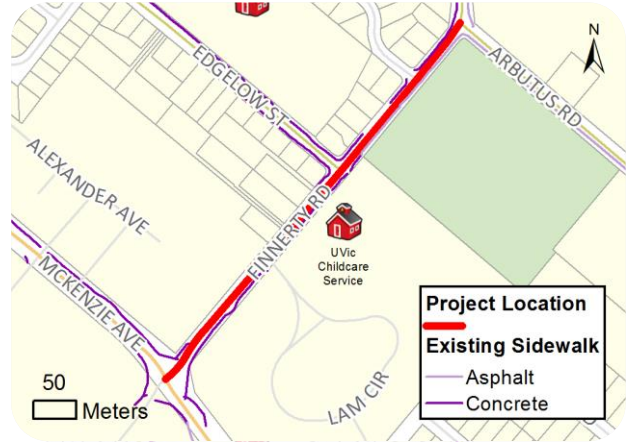
How will this project improve Saanich?

- Improve pedestrian infrastructure
- Improve cycling infrastructure
- Fill in a gap in the cycling network
- Provide access to the nearby middle school
- Extend the life cycle of roadway pavement

Project timing:

Start date: Spring 2019
Duration of work: 4 months

Project budget: \$1,125,000



Finnerty Road upgrades – McKenzie Avenue to Arbutus Road

Project description:

This project will infill new concrete sidewalks, install dedicated protected cycling facilities and plan an asphalt overlay between the roundabout at McKenzie Avenue and Arbutus Road. Currently, there are gaps in the curb and sidewalks and no bike lanes on Finnerty Road. The projects will also replace and upgrade 510 meters of aging water mains to improve fire flows and upgrade to LED streetlights.

How will this project improve Saanich?

- Improve pedestrian infrastructure
- Improve cycling infrastructure
- Provide access to the nearby middle school and UVic
- Extend the life cycle of roadway pavement
- Improve available fire flows
- Proactively replace underground infrastructure prior to end of service life
- Reduce frequency of unplanned service interruptions
- Save energy and reduce CO2 emissions

Project timing:

Start date: Spring 2019
 Duration of work: 5 months

Transportation budget: \$1,500,000
 Water budget: \$657,000



McKenzie Avenue pavement renewal – Saanich Road to Quadra Street

Project description:

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

How will this project improve Saanich?

- Renew aging infrastructure

Project timing:

Start date: Summer 2019
 Duration of work: 4 weeks

Project budget: \$163,000



Hampton Road Sidewalk and Way Finding – Tillicum Road to Harriet Road

Project description:

This project will infill new concrete sidewalks and install cycling way finding from Tillicum Rd. to Harriet Rd.

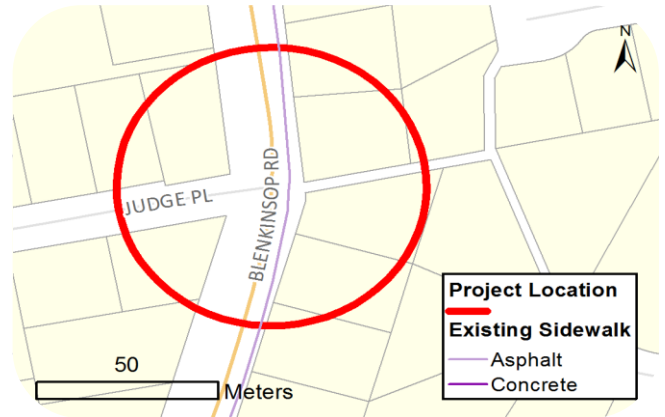
How will this project improve Saanich?

- Improve pedestrian infrastructure
- Fill sidewalk gaps
- Install way finding

Project timing:

Start date: Winter 2019
 Duration of work: 2 months

Project budget: \$350,000



Blenkinsop Road at Judge Place pedestrian and cycling signal

Project description:

The planned project will install a new pedestrian activated traffic signal at the intersection of Blenkinsop Road and Judge Place along with improved pedestrian staging areas and bus stop upgrades.

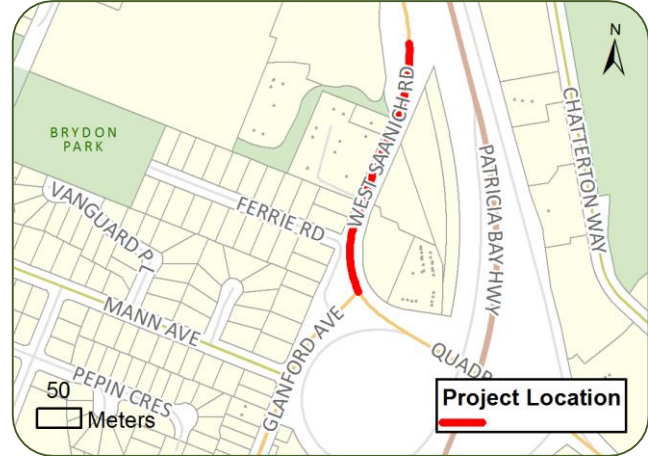
How will this project improve Saanich?

- Improve connectivity to trail users.

Project timing:

Start date: Summer 2019
 Duration of work: 2 months

Project budget: \$250,000



West Saanich Road Streetscape – Quadra Street to McDonald's

Project description:

This project is the final phase of the West Saanich Road Streetscape, which fulfills key policies identified in the District's Official Community plan, completes gaps in the cycling and pedestrian facilities along West Saanich Road and provides safe alternate modes of transportation. This project will see installation of buffered bike lanes, concrete sidewalks, LED street lighting, upgrade of bus stops, installation of new mid-block crosswalk connecting two bus stops, planting of new trees, and a full pavement overlay.

This project also involves the replacement of storm drain mains on West Saanich Road from Glanford Avenue to opposite BC Hydro complex. In total, this represents approximately 300 meters of pipe network upgrades in advance of the West Saanich streetscape upgrades planned for in the summer.

How will this improve Saanich?

- Improve pedestrian infrastructure
- Improve cycling infrastructure
- Fill in a gap in the cycling network
- Extend the life cycle of roadway pavement
- Proactively replacing aging underground 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 on the public

Project Timing

Start date: Summer 2019
Duration: 5 months

Project Budget

Transportation: \$1,920,000
Storm: \$420,000



Shelbourne Phase 1 – McKenzie Avenue to Torquay Drive

Project Description:

The goal of the Shelbourne Project is to deliver the short-term mobility improvements as identified in the [Shelbourne Valley Action Plan](#) (SVAP) including a new University of Victoria (UVic) bike connector, and renewal or upgrades to the sewer, storm, and water infrastructure. This project will be done in 3 phases over the next three to four years.

Shelbourne 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.

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 fire flows

Project Timing:

Start date: 2019
 Duration of work: 12 months

Project Budget

Transportation: \$4,240,000
 Water: \$2,003,000
 Sewer: \$1,900,000
 Drain: \$3,858,000



Transportation construction projects 2019

Project	Description	Estimate
Pavement renewal program	Pavement milling and overlay program	\$2,000,000
Haliburton Rd. (Hwy 17 to Wesley Rd.)	Overlay or mill and pave	
McKenzie Ave. (Saanich Rd. to Quadra St.)	Overlay or mill and pave	
West Saanich Rd. (Glanford Ave. to 4392 W. Saanich Rd.)	Overlay or mill and pave	
West Saanich Rd. (Prospect Lake Rd. Intersection)	Overlay or mill and pave	
Blenkinsop Rd. (McKenzie Ave. to Mt. Doug X Rd.)	Overlay or mill and pave	
Prospect Lake Rd. (4315 to 4431)	Pulverize, grade and pave	
McKenzie Ave. (Braefoot Rd. to Longgun Pl.)	Overlay or mill and pave	
Feltham Rd. (Shelbourne St. to Tyndall Ave.)	Overlay or mill and pave	
Wilkinson Rd. (West Saanich Rd. to Greenlea Dr.)	Overlay or mill and pave	

Sidewalk installation program	Implementing priority sidewalk projects from Active Transportation Plan	\$3,133,975
Royal Oak Ave. (Chatterton Way to 899 Royal Oak Ave.)	Sidewalk replacement on north side, includes sidewalk at Chatterton Way	
Church Ave. (Ophir St. to Shelbourne St.)	Sidewalk on south side to connect existing sidewalks	
Grange Rd. (Burnside Rd. to Interurban Rd.)	Sidewalk construction on Grange	
Townley St. (Richmond Rd. to 1780 Townley)	Sidewalk extension to Richmond	
Mortimer St. (1534 Mortimer to Cedar Hill Rd.)	Sidewalk extension on south side to Cedar Hill Rd. from Shelbourne St.	
Hampton Rd. (Tillicum Rd. to Harriet Rd.)	Sidewalk replacement fronting Hampton Park to Seaton and fill gaps to Harriet	
Quadra St. (Hwy 17 bridge to 4350 W. Saanich Rd.)	Sidewalk extension to overpass	
Gorge Rd. (Admirals Rd. to Adelaide Ave.)	Sidewalk replacement	
McRae Ave. (Shelbourne St. to Keats St.)	Sidewalk replacement	

Crosswalk installation program	Installation of new crosswalks or improvements to existing sidewalks	\$500,000
Gordon Head at Laval	Overhead and side mounted flashing beacons and ramp improvements	
Edgelow at Dawnview	Curb bulbs implementation as well as signed and marked crosswalk	
Braefoot at Harrop	Crosswalk improvements for sightlines and accessibility	
Blenkinsop at Judge	New pedestrian and cycling signal at Blenkinsop Road and Judge Place	



TRANSPORTATION CONSTRUCTION PROJECTS 2019

Project	Description	Estimate
Cycling infrastructure program	Installation of new crosswalks or improvements to existing sidewalks	\$300,000
Raymond St. South (phase 2)	Columbine crossing improvements and sightline improvements south of McKenzie Ave.	
Larchwood Dr. (Feltham to McKenzie)	Protected bike lanes installation, and crosswalk at Larchwood and Laval	

Transportation upgrade projects		
Durrance Rd. bridge replacement	Funding for bridge replacement	\$900,000
Shelbourne Valley project	Construction of Phase 1 and design of Phase 2	\$4,773,000
West Saanich Rd. Streetscape South phase	Transportation upgrade from Mann Ave. to Royal Oak Mall access	\$1,920,000
West Saanich/Prospect Lake/Sparton	Intersection improvements and connecting sidewalk network	\$2,600,000

Carry Forward 2018 projects		
Ridgebank Rd. (Carey Rd. to Vanalman Ave.)	Pavement and utility rehabilitation	\$600,000
Wilkinson Rd. (Travino Ln. to Greenlea Dr.)	Transportation upgrades	\$1,125,000
Finnerty Rd. (McKenzie Ave. to Arbutus Rd.)	Transportation upgrade and utility rehabilitation	\$2,000,000

SANITARY SEWER PROJECTS 2019



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Sanitary sewer lift station condition assessment (Study)

Project description:

Saanich owns and operates 39 sanitary sewer lift stations. These facilities are the backbone of the network and convey sewage to the Capital Regional District treatment facilities.

This project involves undertaking a detailed engineering assessment of the condition of each of the lift stations in the system. Examining the station structures, electrical systems and mechanical capabilities will provide for an informed list of future major upgrades or replacement priorities for subsequent capital budgets.

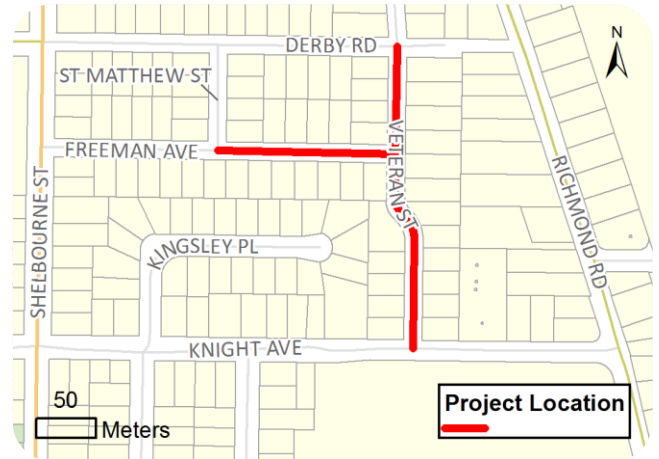
How will this project improve Saanich?

- Planning for asset replacement
- Proactively replacing aging underground infrastructure prior to end of service life
- Reduce potential for unplanned service interruptions by providing resilient systems

Project timing:

Start date: Summer 2019
 Duration of work: 6 – 8 months

Project budget: \$200,000



Multi-utility improvement project – Veteran Street (Knight to Derby) and Freeman Street (Veteran to St. Mathews)

Project description:

This project involves the replacement of storm drain mains, sanitary sewer mains and water mains in the Shelbourne area. In total, almost 1.8 km of underground infrastructure will be replaced as a result of this investment.

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
- Coordinate construction works to reduce the length of construction impacts on the public

Project timing:

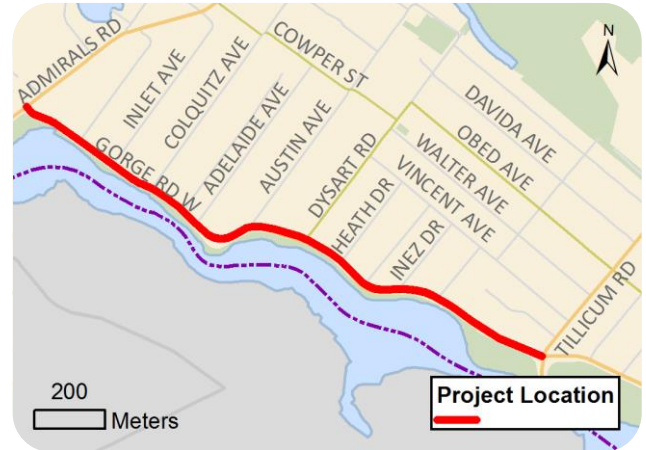
Start date: Spring 2019
 Duration of work: 4 – 5 months

Project budget: Storm Drain: \$600,000
 Sanitary Sewer: \$730,000
 Waterworks: \$910,000

**Sanitary sewer replacement and rehabilitation program**

Project	Description	Estimate
Veteran St. (Knight Ave. to Derby Rd.) Freeman St. (Veteran St. to St. Mathews St.)	Replace 430 meters of existing sewer system	\$730,000
Davida Ave. (438 to Tillicum Rd.)	Replace 300 meters of existing sewer system	\$480,000
Orillia St. (Gorge Rd. to Obed Ave.)	Replace 175 meters of existing sewer system	\$275,000
Donald St. (Gorge Rd. to Obed Ave.)	Replace 170 meters of existing sewer system	\$272,000
Gorge View Dr. (Gorge Rd to end)	Replace 175 meters of existing sewer system	\$280,000
Obed Ave. (Harriet Rd. to Qu'Appelle St.)	Replace 200 meters of existing sewer system	\$320,000
Lodge Ave. (Saanich Rd. to Quadra St.)	Replace 600 meters of existing sewer system	\$575,000
CIPP (cured-in-place-pipe) lining program – various locations	Rehabilitation of sanitary sewer mains and laterals	\$967,000
Jamaica Rd., Parkside Cres., Winchester Rd. (Winchester – Parkside)	Replace 580 meters of existing sewer system	\$840,000
Inlet Ave. (Gorge Rd. W to Admirals Rd.), Gorge View Dr., Davida Ave.	Replace 315 meters of existing sewer system	\$505,000
Kenneth St. (Raymond Rd. to Glanford Rd.)	Replace 300 meters of existing sewer system	\$235,000
Winston Cres. (Leslie Dr. to Falmouth Rd.)	Replace 200 meters of existing sewer system	\$280,000

STORM DRAIN PROJECTS 2019



Gorge Road 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 Road between Admirals Road and Tillicum Road. 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 2019. 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 2019

Duration of work: TBD

Project budget: Pt 1 (Admirals to Adelaide): \$600,000 (2017)
 Pt 2 (Adelaide to Parkview): \$900,000 (2019)
 Pt 3 (Parkview to Tillicum): \$925,000 (2020)

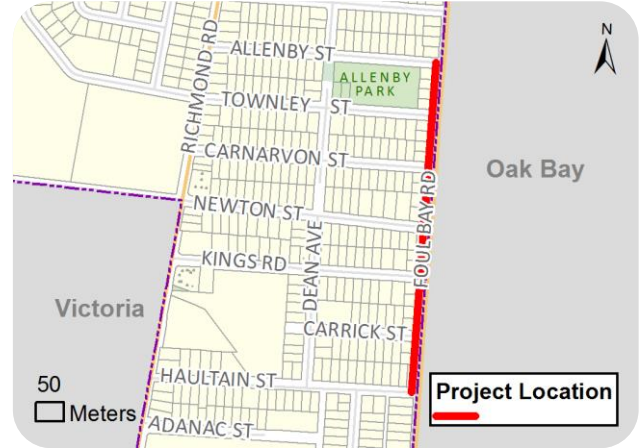


STORM DRAIN CONSTRUCTION PROJECTS 2019

Substandard storm drain replacement and rehabilitation program

Project	Description	Estimate
Veteran St. (Knight Ave. to Derby St.) Freeman Ave. (Veteran St. to St. Mathews St.)	Replace 430 meters of existing drainage system	\$600,000
Gorge View Dr. (Gorge Rd. to Vincent Ave.)	Replace 180 meters of existing drainage system	\$255,000
Gorge Rd. Part 2 (Adelaide Ave. to Parkview Dr.)	Replace 630 meters of existing drainage system	\$900,000
Davida Ave. (438 to Tillicum Rd.)	Replace 470 meters of existing drainage system	\$660,000
Orillia St. (Hampton Rd. to Burnside Rd.)	Replace 470 meters of existing drainage system	\$210,000
Orillia St. (Gorge Rd. to Obed Ave.)	Replace 215 meters of existing drainage system	\$300,000
Obed Ave. (Harriet Rd. to Wascana St.)	Replace 250 meters of existing drainage system	\$325,000
Donald St. (Gorge Rd. to Obed Ave.)	Replace 180 meters of existing drainage system	\$255,000
W. Saanich Rd. (Glanford Ave. to BCH Driveway)	Repairs prior to 2019 paving program (300m main replacement)	\$420,000
Winston Cres. (Leslie Dr. to Falmouth Rd.)	Replace 200 meters of existing drainage system	\$280,000
Walema Ave. (Becton to Lochside)	Replace 60 meters of existing drainage system	\$80,000
Gorge Rd. Part 1 (Admirals Rd. to Adelaide Ave.)	Replace 500 meters of existing drainage system	\$600,000
Jamaica Rd., Parkside Cres., Winchester Rd. (Winchester – Parkside)	Replace 300 meters of existing drainage system	\$350,000
Inlet Ave. (Gorge Rd. W to Admirals Rd.), Gorge View Dr., Davida Ave.	Replace 315 meters of existing drainage system	\$450,000

WATER WORKS PROJECTS 2019



Foul Bay Road water main improvements

Project description:

This project involves the replacement of water mains on Foul Bay Road between Haultain Street and Allenby Street. In total, this represents approximately 600 meters of pipe replacement and improvements prioritized in Saanich’s Water System Master Plan.

The project has been planned in several phases and is represented in the 2018 and 2019 capital budgets as funding is amassed for implementation beginning in fall 2019 (part 1) and continuing into 2020 (part 2). Detailed engineering designs are complete.

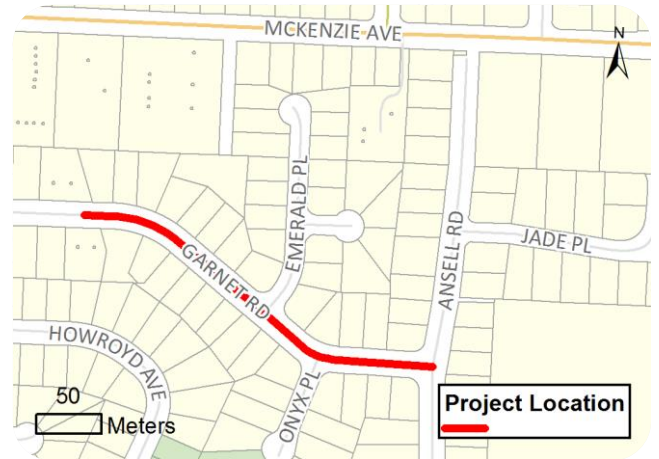
How will this project improve Saanich?

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

Project timing:

Start date: Late 2019 (part 2)
 Duration of work: 4 months

Project budget: \$ 826,000



Garnet Road water main improvements

Project description:

This project involves the replacement of water mains on Garnet Road between 1715 Garnet Road and Ansell Road. In total, this represents approximately 300 meters of pipe replacement and improvements as Saanich continues to prioritize asbestos cement pipe replacement in the water system. Detailed engineering designs are complete.

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
- Coordinate construction works to reduce the length of construction impacts on the public

Project timing:

Start date: Spring 2020
Duration of work: 3 months

Project budget: \$ 390,000



Water facilities replacement and rehabilitation program

Project	Description	Estimate
Blenkinsop Rd. (4020 Blenkinsop to McKenzie Ave.)	Replace 110 meters of existing water main	\$143,000
Davida Ave. (462 Davida Ave. to Tillicum Rd.)	Replace 440 meters of existing water main	\$650,000
Donald St. (Gorge Rd. W to Obed Ave.)	Replace 195 meters of existing water main	\$243,750
Foul Bay Rd. (Haultain St. to Allenby St.)	Replace 590 meters of existing water main	\$826,000
Garnet Rd. (1715 Garnet Rd. to Ansell Rd.)	Replace 300 meters of existing water main	\$390,000
Gorge View Dr. (Gorge Rd. W to Vincent Ave.)	Replace 205 meters of existing water main	\$256,250
Lodge Ave. (Saanich Rd. to Quadra St.)	Replace 615 meters of existing water main	\$307,500
McKenzie Ave. (984 to 1002 McKenzie Ave.)	Abandon 65 meters of existing water main	\$50,000
Orillia St. (Burnside Rd. W to Hampton Rd.)	Replace 170 meters of existing water main	\$212,500
Prospect Lake Rd. (W. Saanich Rd. to Prospect Lake Elementary)	Replace 150 meters of existing water main	\$210,000
Veteran St. (Knight Ave. to Cedar Ave.) Freeman Ave. (Veteran St. to St. Mathews St.) St. Mathews St. (Freeman Ave. to Derby Rd.)	Replace 700 meters of existing water main	\$910,000
Vernon Ave. (Nigel Ave. to 894 Vernon Ave.)	Replace 150 meters of existing water main	\$210,000
Foul Bay Rd. Phase 1 (Lansdowne Ave. to Allenby Rd.)	Replace 550 meters of existing water main	\$770,000
Kings Rd. (Foul Bay Rd. to Dean Ave.)	Replace 190 meters of existing water main	\$209,000
Kenmore Rd. (Shelbourne St. to Columbia Dr.)	Replace of water services	\$140,000
Fremont Pl.	Replace 170 meters of existing water main	\$221,000
Wilkinson Rd. @ Burnside Rd.	Pressure reducing valve replacement	\$500,000
Jamaica Rd., Parkside Cres., Winchester Rd. (Winchester – Parkside)	Replace 1.3 kms of existing water main	\$1,664,600
Inlet Ave. (Gorge Rd. W to Admirals Rd.), Gorge View Dr., Davida Ave.	Replace 600 meters of existing water main	\$650,000

MAJOR PARKS CAPITAL PROJECTS



Playground replacement – Reynolds Park

Project description:

Reynold Park’s existing play equipment is reaching the end of its life based on playground replacement program criteria.

- The playground will be replaced with new equipment and wood fibar safety surfacing.
- Some existing asphalt pathways will be widened for multi-use to improve accessibility for all ages and activities.
- Other improvements will include new park furniture, bike racks and drinking fountain.
- Parks seeks community input as to what style/type of playground equipment would best serve the park.

How will this project improve Saanich?

- Ensure playground equipment is in safe working condition.
- Ensure sufficient levels of safety surfacing in playground areas.
- Renewed playground to have minimum renewed service life of 20+ years.
- Increased park accessibility for all ages and abilities.
- Reduced maintenance cost over the long term

Project Timing:

Start Date: Fall 2019
 Duration of Work: 3 months

Project Budget: \$325,000



Baseball field renovation at Layritz Park

Project description:

In support of Layritz Little League’s hosting of the National Championship in 2020:

- The baseball diamond #3 will be renovated to Little League standards.
- This is phase 3 of improving the park for the Championship. Phase 2 occurred in 2018 with the renovation of the parking lot. Pending the club’s fundraising efforts, Phase 4 may include a legacy project for 2021.

Braefoot Park grass soccer field renovation

This project will remove the existing grass and soil mixture and replace with improved porous materials and new sod to mitigate the growth of excessive weeds which create a safety hazard.

How will this project improve Saanich?

- Layritz Little League will be hosting the 2020 Canadian 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: Summer 2019
 Duration of Work: 3 months

Project Budget: \$170,000



Tennis court renovation at Gyro Park

Project description:

The Gyro double tennis court was closed in 2018 due to safety concerns. A geotechnical report has been commissioned that will provide information about the subsurface conditions and the level of renovation required for the courts.

Tennis court resurfacing at Perez and Parkwood Parks

Project description:

Tennis courts at Perez and Parkwood Parks will be resurfaced based on need identified in the tennis court assessment.

How will these projects improve Saanich?

- Ensure tennis courts are in safe working condition.
- Replace the tennis asset which has been closed at Gyro Park.
- Increased court playability.
- Reduced maintenance cost over the long term.

Project Timing:

Start date: Mid 2019
 Duration of Work: 3 months

Project Budget: \$230,000



Hampton Park – parking lot

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 and pathways to improve pedestrian flow. The work will occur in the window between soccer and baseball seasons.

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.
- Extends service life for 30+ years.

Project Timing:

Start Date: Summer 2019
Duration of Work: 3 months

Project Budget: \$225,000



Irrigation projects – various

Project description:

Several old and improperly functioning irrigation systems require replacement or upgrades. These include: Municipal Hall, Prospect Lake Park soccer fields, Gorge Waterway Park and Saanich Commonwealth Place irrigation systems, and a number of floral beds and turf zones in other parks. Some of these projects including the Municipal Hall and Gorge Waterway will be phased in over the next three years.

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 2019
Duration of Work: Throughout 2019

Project Budget: \$300,000



Bridges and structures

Project description:

2019 bridge and structure replacement projects include:

- Miscellaneous footbridge deck and structural member replacements.
- Gorge Waterway Park – metal post and chain replacement.
- Parks Structures – wood 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 2019
 Duration of Work: 8 months

Project Budget: \$450,000



Trails

Project description:

Resurfacing of the 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 2019 trail projects include:

- Quadrant 4 trail resurfacing (gravel).
- Annie Park – trail improvements for drainage and steep grade concerns.
- Major repairs to failing paths in Mount Douglas Park.

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: Spring 2019
 Duration of Work: 8 months

Project Budget: \$380,000 (plus \$120,000 from amenity contributions)



Gore-Peace Memorial Park 100th anniversary

Project description:

To celebrate the 100th anniversary of Gore-Peace Memorial Park in 2019, improvements to the park are being undertaken. This will expand on the new furniture and interpretive signs added to celebrate the Shelbourne Street of Dreams project in 2018. Improvements to the drainage and landscaping at other Saanich locations are to be undertaken as needed on an annual basis

How will this project improve Saanich?

- Promotes accessible amenities as identified in the Council approved Older Adult Strategy 2017.
- Creates more liveable and healthy community by providing recreation opportunities in key parks.
- Gore-Peace Park enhancement celebrates Saanich history and pride of place.

Project Timing:

Start Date: Spring 2019
Duration of Work: 1 – 4 months

Project Budget: \$85,000



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 2019 include 15 cul-de-sacs and 8 medians.
- An additional project this year includes improving the garden beds near the parking lot in Gorge Park.

How will this project improve Saanich?

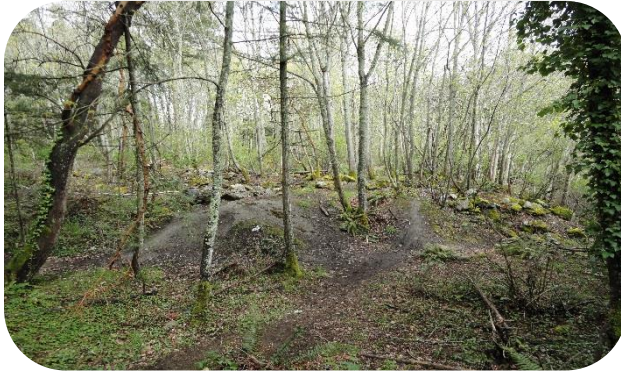
- Remove invasive plants and weeds and improve appearance of shrub displays.
- Reduce maintenance requirements.
- Lower water and irrigation needs.
- Help build relationships within the community.

Project Timing:

Start Date: Winter 2019

Duration of Work: 4 months

Project Budget: \$125,600



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.

2019 projects include:

- Haro Woods (capital)
- Swan Creek Park
- Colquitz River Linear Park

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: Summer/fall 2019
Duration of Work: 4 months

Project Budget: \$91,000



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.

Supporting key initiatives include:

- Park tree planting, boulevard tree planting, replacing bylaw protected trees lost to development of land and streets.
- Hosting a Tree Appreciation Day community event.

Improvements to the tree storage area at the nursery will help ensure the health of the trees we purchase for planting.

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.

Project timing:

Start Date: Fall/winter 2019
Duration of Work: Throughout the year but intensive September - December

Project budget: \$ 375,000



Park building improvements

Project description:

- Renew the roof on the greenhouse at the nursery on Markham.
- Install public washroom at McMinn Park as per concept plan.
- Upgrade building used by the Saanich Neighbourhood Playground Program and Greater Victoria Minor Football Association in Copley West Park.

How will this project improve Saanich?

- Washroom building in McMinn Park was a much requested item in the McMinn Park public engagement process.
- Fulfills municipal commitments in the Older Adult Strategy.
- Nursery project extends the life of the park asset.
- Improve service delivery to residents and extend the life of park building assets.

Project timing:

Start date: Spring/summer 2019
 Duration of work: Various times of the year

Project budget: \$215,000



Mount Douglas Park

Project description:

Douglas Creek Restoration in partnership with Friends of Mount Douglas Park Society:

- Finalize a maintenance and monitoring program to ensure resilience of the infrastructure improvements within the creek system.
- Partnership with Friends of Mount Douglas Park Society, Public Works- Creeks and Waterway section and the CRD.

Trail Restoration:

- Complete the renovation plan for the eroding sections of Glendenning Trail.
- Inventory and implement priority trail renovations and closures.

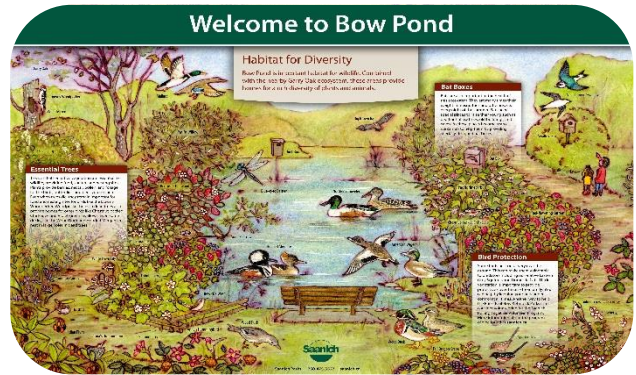
How will this project improve Saanich?

- Ensure the longevity of the habitat enhancement structures.
- Legitimize park use to increase sustainability of riparian areas and urban forest.
- Enhanced trails and improved safety for visitors to Mount Douglas.
- Protect the natural environment of Mount Douglas Park.

Project timing:

Start date: Summer/fall 2019
 Duration of work: 10 months

Project budget: \$55,100 (Mt. Douglas Transmitter Fund)



Signs and way finding

Project Description:

Way finding and trail markers in various parks.

- Interpretive Signs:
 - Typically four or five signs are completed each year. 2019's focus will be the second phase of the Shelbourne Street memorial project working with the community proponents of the "Roads of Remembrance" project. Other sites within the parks system such Cuthbert Holmes Park and community initiated projects to be undertaken.
- Park Identification Signs:
 - Continuation of the new park sign program to be installed throughout the park system over the next five years. Approximately 20 will be 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.

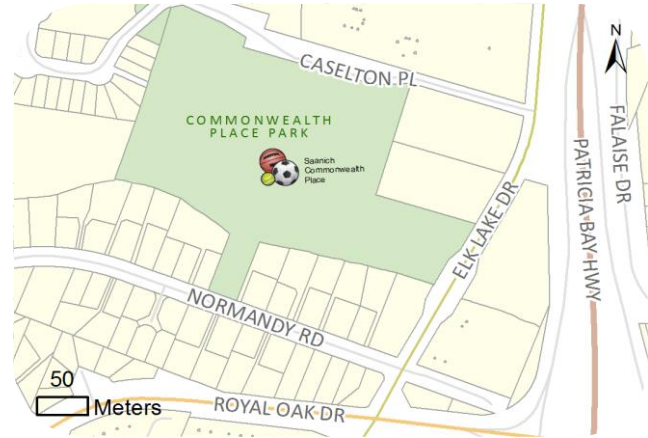
Project Timing:

Start Date: Ongoing
 Duration of Work: 12 months

Project Budget: \$179,000



FACILITIES CAPITAL PROJECTS



Saanich Commonwealth Place mechanical upgrade design

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.

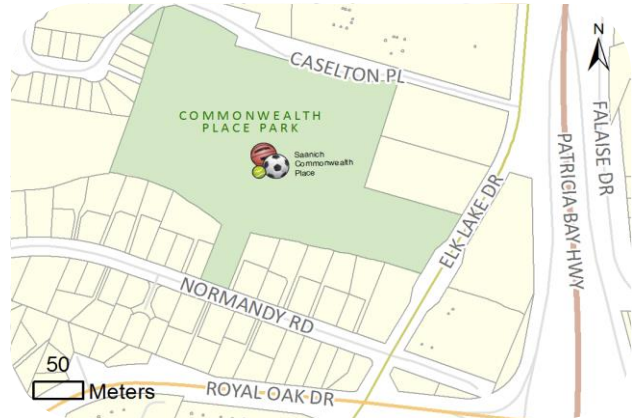
How will this project improve Saanich?

- Renew aging infrastructure
- Increase reliability in critical building systems
- Reduce Green House Gas emissions

Project timing:

Start date: Fall 2019
Duration of work: 36 months

Project budget: \$4,100,000



Saanich Commonwealth Place lighting replacement

Project description:

Various lighting throughout Saanich Commonwealth Place will be replaced with newer LED technology to improve energy efficiency and reduce the demand for regular lamp changes by maintenance staff.

How will this project improve Saanich?

- Renew aging infrastructure
- Increase reliability in building systems
- Reduce frequency of maintenance activities

Project timing:

Start date: Fall 2019
Duration of work: 1 month

Project budget: \$75,000



Fire Hall #1 barracks and kitchen refresh

Project description:

This project will replace inefficient fenestration and update mechanical systems that do not meet current building code or safety requirements.

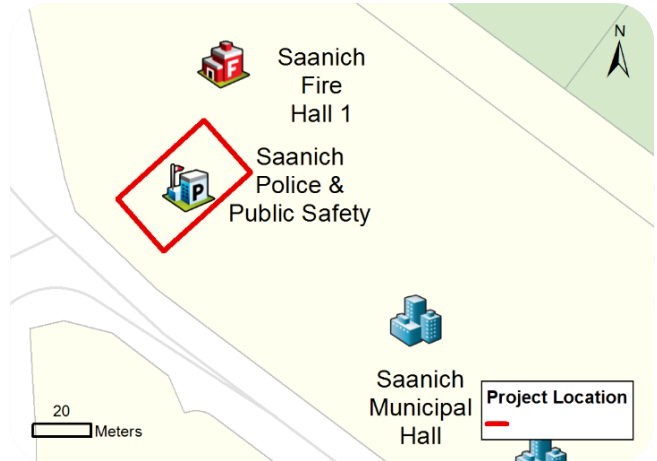
How will this project improve Saanich?

- Upgrade equipment to new standards
- Improved safety
- Replace aging and inefficient infrastructure

Project timing:

Start date: Summer 2019
Duration of work: 6 months

Project budget: \$389,500



Public Safety roof top unit replacement

Project description:

The mechanical roof top units at Public Safety are at the end of useful life and scheduled to be replaced. These units provide both heating and cooling to spaces throughout the building and will be equipped with economizers to ensure the greatest efficiencies possible.

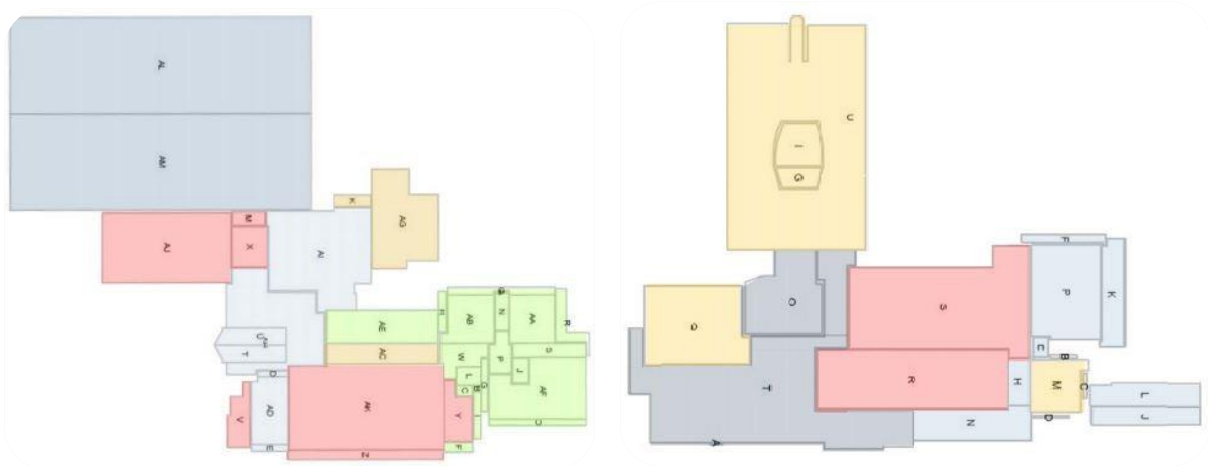
How will this project improve Saanich?

- Renewal of aging infrastructure ensures reliability of systems and pre-empts unexpected mechanical failures
- Reduce frequency of unplanned service interruptions
- Improved environmental conditions and thermal comfort for both visitors and staff
- The new system will improve energy efficiencies

Project timing:

Start date: Summer 2019
Duration of work: 3 months

Project budget: \$317,600



Annual roof replacement program

Project description:

Many municipal roof sections are at the end of their useful life and scheduled for replacement.

How will this project improve Saanich?

- Renew aging infrastructure
- Pre-empt unplanned service interruptions

Project timing:

Start date: Summer 2019
 Duration of work: 12 months

Project budget: \$1,085,000



G.R. Pearkes Recreation Centre slab replacement design

Project description:

This project will involve the planning and design for removal of the existing slab to Gold Arena.

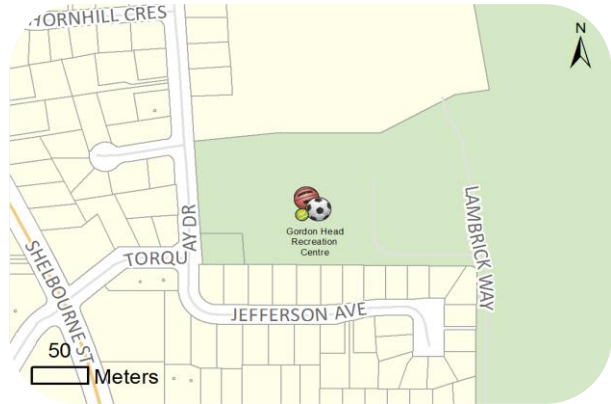
How will this project improve Saanich?

- Renew aging infrastructure
- Improved energy efficiency and reduced GHGs
- Pre-empt unplanned service interruptions

Project timing:

Start date: Winter 2019
Duration of work: 12 months

Project budget: \$700,000



Gordon Head Recreation Centre slab remediation and chemical storage

Project description:

This project will involve the planning and design to safely store chemicals and rehabilitate the suspended slab.

How will this project improve Saanich?

- Renew aging infrastructure
- Pre-empt unplanned service interruptions

Project timing:

Start date: Winter 2019
Duration of work: 12 months

Project budget: \$582,100



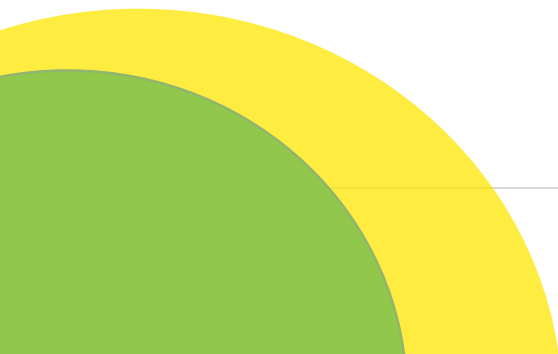
FACILITIES PROJECTS 2019

Facilities construction projects 2019

Project	Description	Estimate
Saanich Commonwealth Place	Mechanical upgrade design	\$4,100,000
Saanich Commonwealth Place	Lighting replacement	\$75,000
Blanshard/Hall/Annex	Interior renovations	\$2,100,000
Municipal Facilities	Network electrical wiring	\$555,000
Municipal Facilities	Emergency lighting	\$142,000
Municipal Hall	Concrete repair	\$116,400
Fire Hall 1	Barracks and Kitchen Refresh	\$389,500
Fire Hall 2	Replacement project planning	\$1,040,000
Fire Hall 3	Renovation and Electrical Renewal	\$1,101,300
Public Safety	Roof top unit replacements	\$317,600
Roof Replacement Program	Roof replacement, building envelope renewal	\$1,896,900
Les Passmore Centre	Wheelchair accessibility	\$117,500
Gordon Head Recreation Centre	Slab Remediation and Chemical Storage	\$582,100
G.R. Pearkes Recreation Centre	Slab remediation	\$700,000
Cedar Hill Golf Course	RTU replacement	\$377,700



RECREATION CAPITAL PROJECTS





Recreation capital projects:

- **Cedar Hill Community Recreation Centre** will undergo a tennis court resurfacing as well as initiate design work for its front desk upgrade.
- **Gordon Head Community Recreation Centre** will be performing the continuation of acoustic tiling work in its natatorium.
- **G.R. Pearkes Community Recreation Centre** has plans for an electrical update and replacement of the existing lobby stools.
- **Saanich Commonwealth Place** will be initiating design work for the aquatic office, administration office, and the health and wellness area. It will also undergo bathroom partition and locker replacements.

How will these projects improve Saanich?

- replace, repair and improve aging infrastructure; in some cases update infrastructure to current building codes that will enhance service delivery
- plan ahead for the future to better meet the needs of residents and customers with improved service capabilities
- improve customer experience

Project timing:

- Projects are usually timed for annual shutdowns (GH – June, SCP – September) or during times of the year that will mitigate impact to customers; projects will be initiated in 2019
- Duration of the projects vary with the complexity of the project and the amount of work that can be completed during non-traditional work hours or during a scheduled shut down.



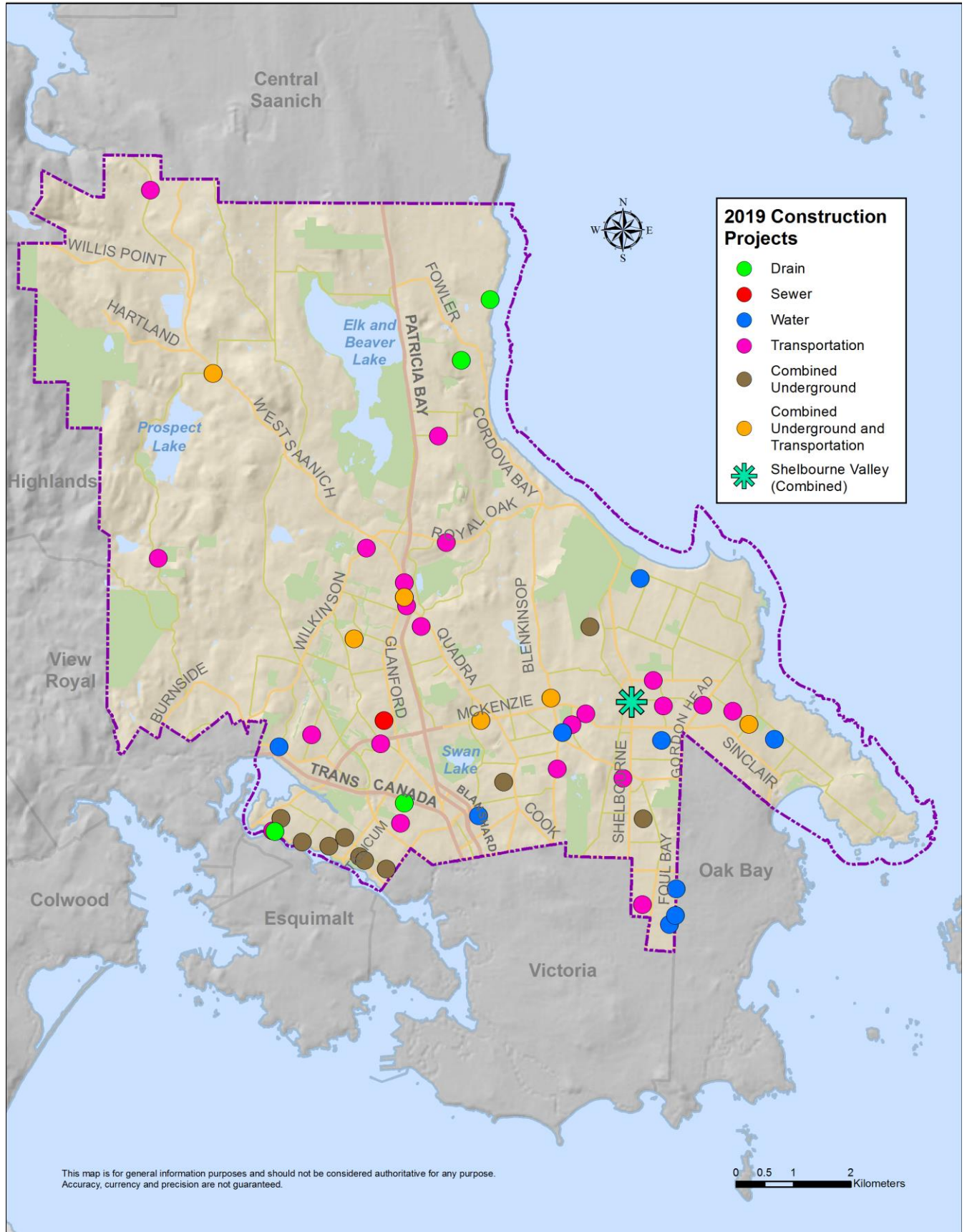
Recreation Capital Projects – 2019 Capital Budget

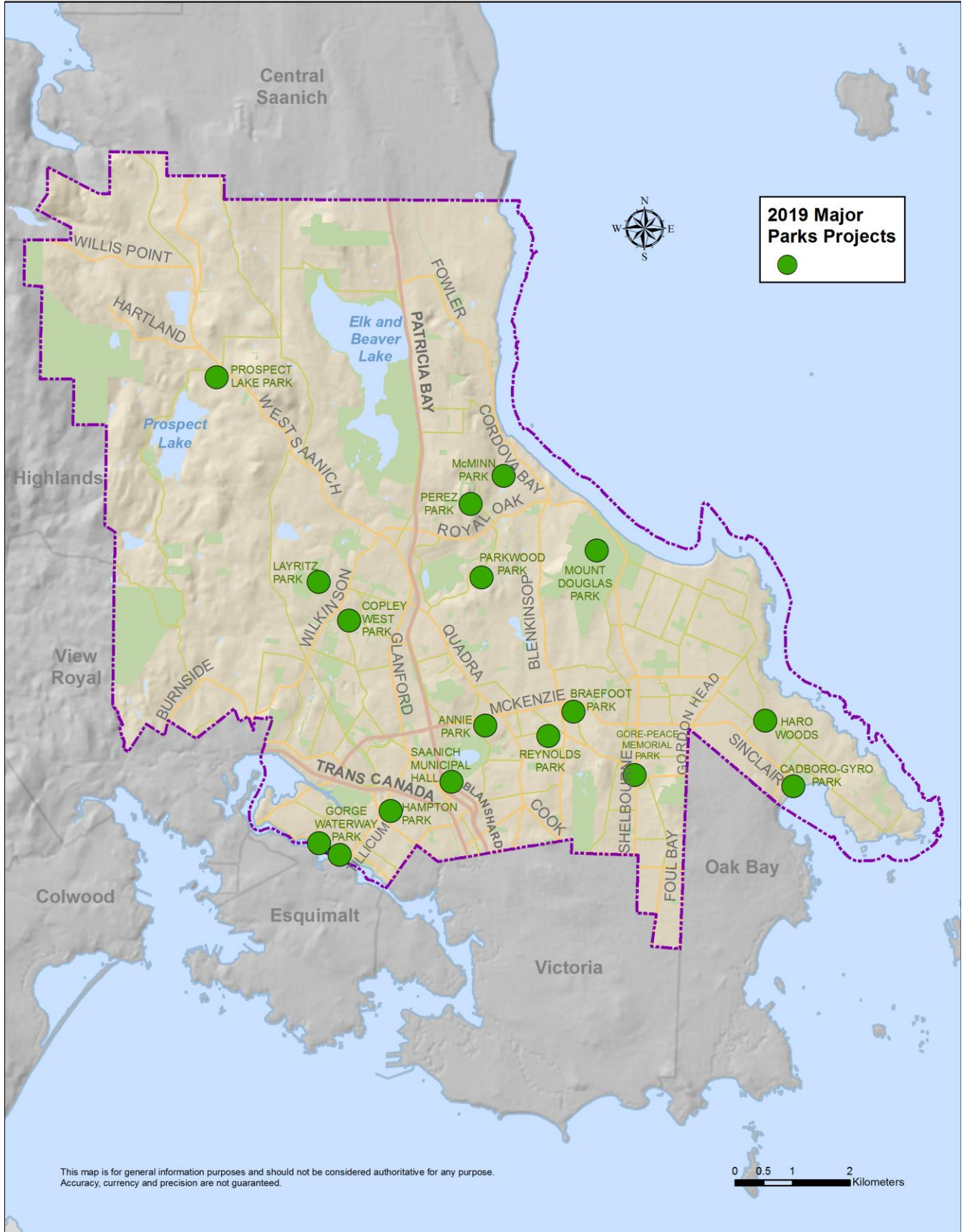
Project	Description	Estimate
Cedar Hill Community Recreation Centre	Tennis court re-surfacing	\$35,000
	Initiate design work for front desk upgrade	\$25,000
Gordon Head Community Recreation Centre	Continuation of acoustic tiling work in natatorium	\$95,000
	Miscellaneous building improvements	\$56,000
G.R. Pearkes Community Recreation Centre	Building electrical upgrades	\$95,000
	Replace lobby stools	\$20,000
	Miscellaneous building improvements	\$55,000
Saanich Commonwealth Place	Initiate design work for aquatic office, admin office, health and wellness area	\$105,000
	Bathroom partition and locker replacements	\$60,000
	Miscellaneous building improvements	\$39,000
Market analysis study		\$25,000



PROJECT LOCATION MAPS 2019







This map is for general information purposes and should not be considered authoritative for any purpose. Accuracy, currency and precision are not guaranteed.

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