



Spring 2022 City Council Update Infrastructure Delivery Projects

April 4, 2022

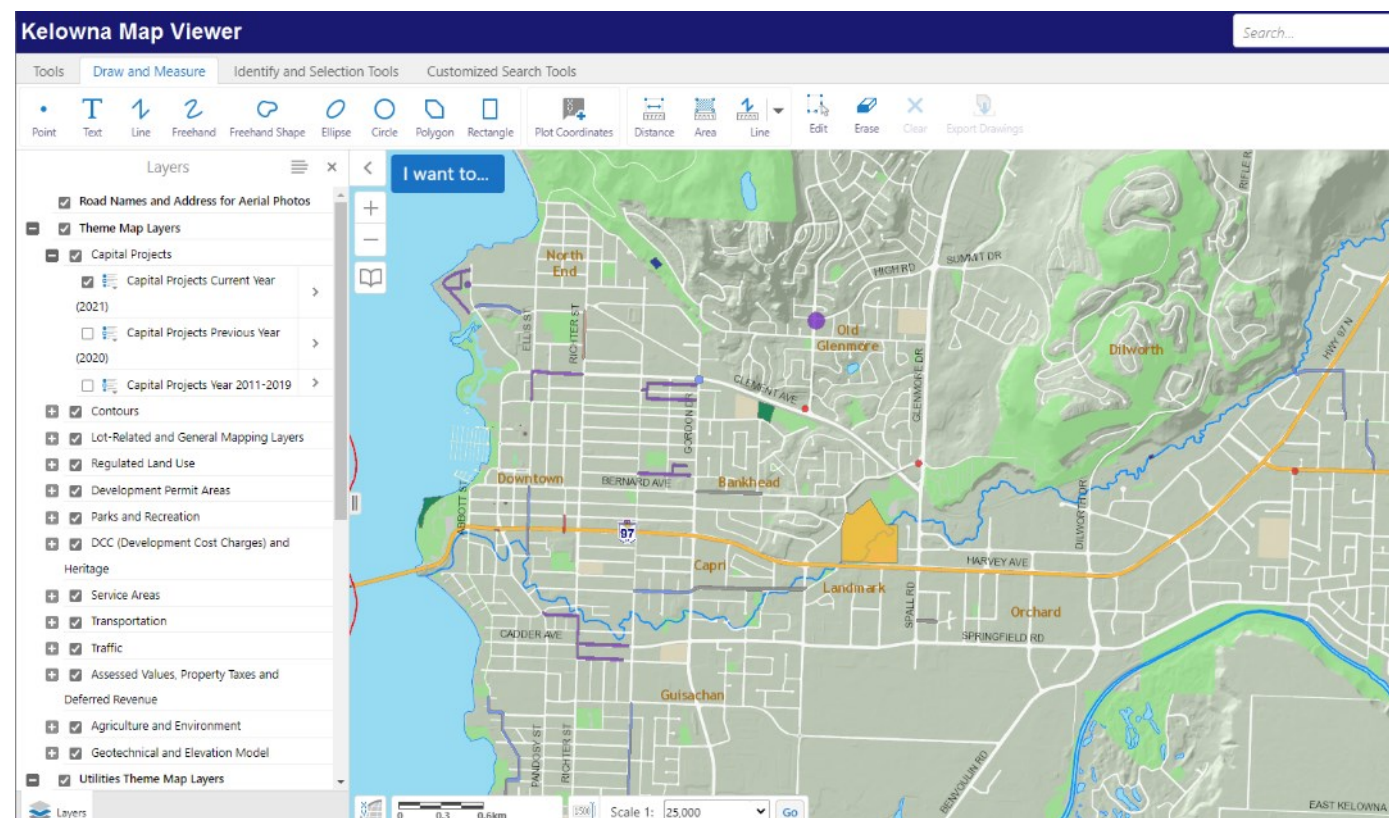
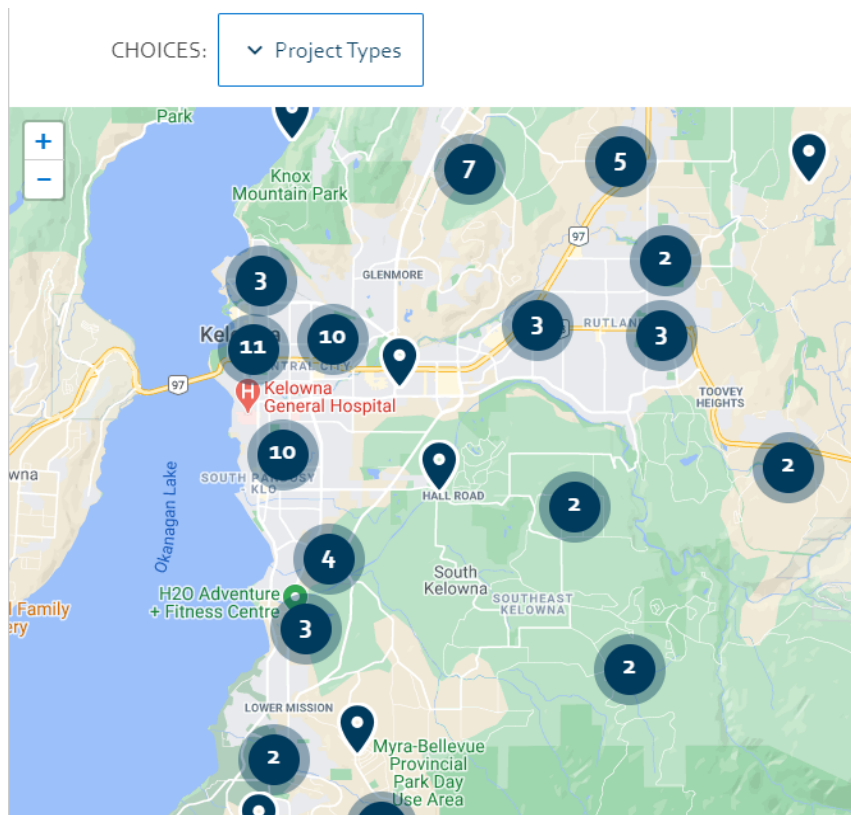


Infrastructure Delivery – City's Internal Project Management Company

- ▶ Infrastructure Delivery is involved in managing close to 100 different capital projects with budgets totalling ~\$110M. Infrastructure Delivery also supports many Operating Budget Projects.
- ▶ Projection for capital work to be completed this year is \$55M +/- \$5M. The +/- is dependent mostly on approvals (environmental, archaeological, etc.) and other design and procurement contingencies.
- ▶ City Construction Crew is scheduled to complete approximately \$4M of capital construction plus an additional \$1M in operating work, emergency repairs and development servicing.

Project Tracking

Find out more using the Capital Projects Map and Map Viewer Layers





2022 Project Highlights

2022 Major Transportation Projects

- ▶ In 2022, \$8.2 million is budgeted towards infrastructure projects that get residents and visitors to their destinations without a car and keep them active.
- ▶ Active Transportation Corridors, or ATCs, provide connections to key destinations which are suitable for all ages and abilities. This makes it safer and more attractive for residents to bike which is a key direction of our Official Community Plan and Transportation Master Plan.
- ▶ This includes additions to the Houghton corridor, the Abbott corridor, Casorso connection between Ethel and Barrera and the Sutherland corridor.



Houghton 1 ATC

Houghton Rd to Okanagan Rail Trail



This project will connect the Rutland Urban Centre to the Rail Trail, via Lester, Leathead and Enterprise.

A new bridge will be constructed across Mill Creek next to the Rail Trail.

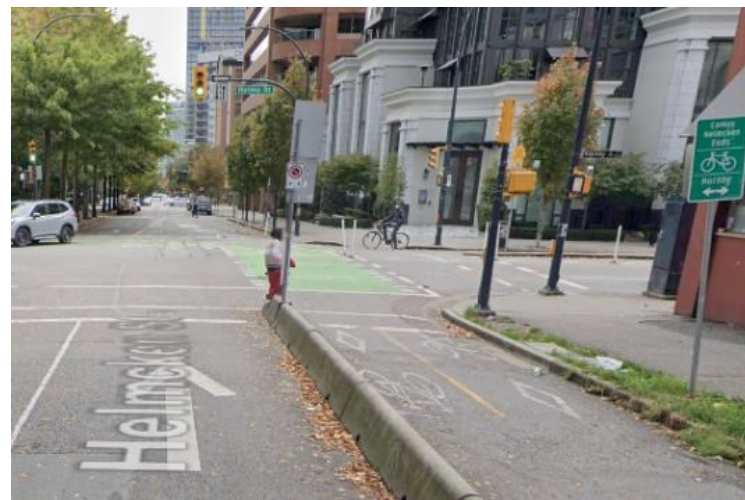
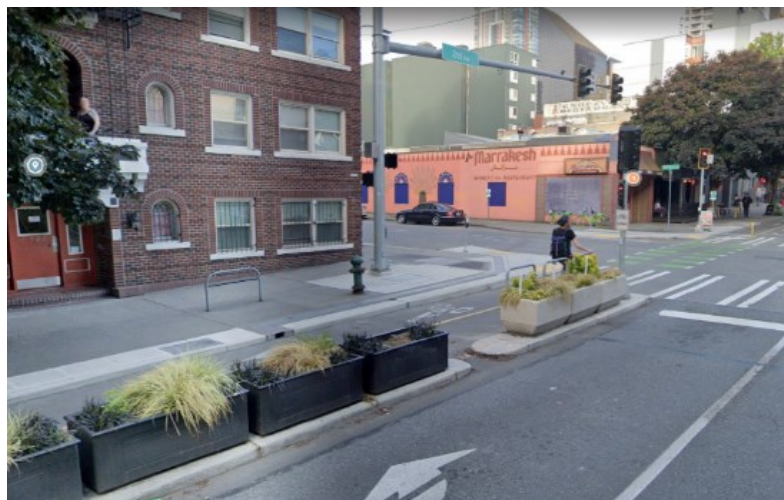
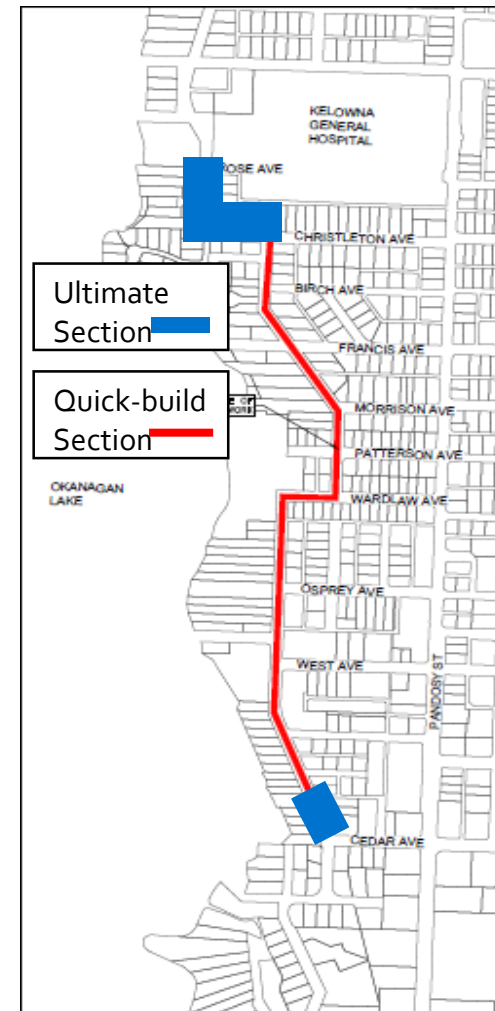
Construction to start Spring 2022.
Completion Fall 2022.

Construction budget \$2.7M

Abbott – Interim ATC Rose Ave to Cedar Ave

Ultimate section will be constructed from Rose to Christleton this Spring. Quick-build (interim) section will be installed from Christleton to Newsom (construction timing tba).

\$1.9M budget



Okanagan Rail Trail ATC Lighting West of Dilworth to Houghton ATC

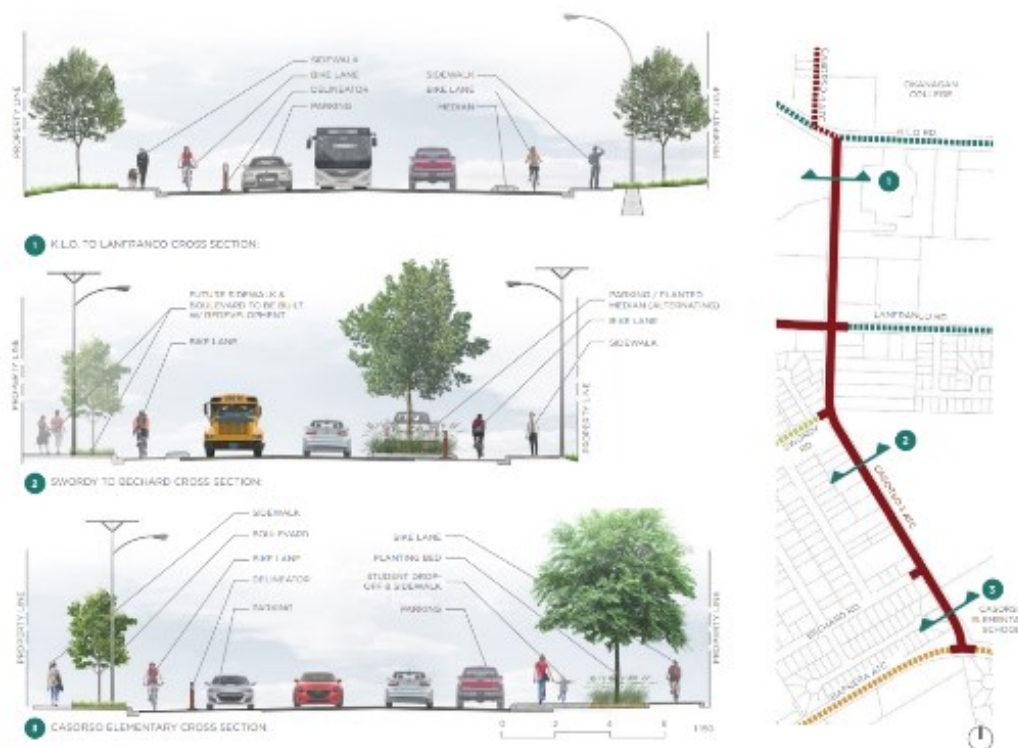
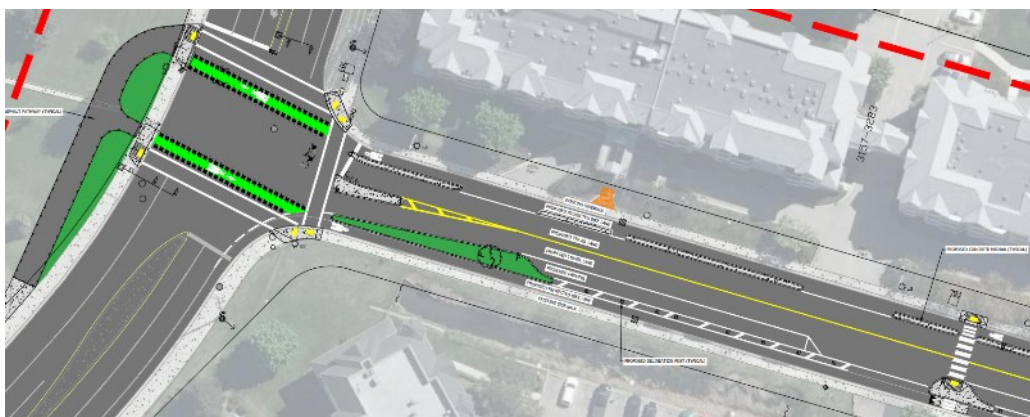
Pathway lighting will be extended from the previously lighted section west of Dilworth up to the bridge connection to the Houghton ATC path. Completion scheduled for Fall 2022.

Budget \$380K



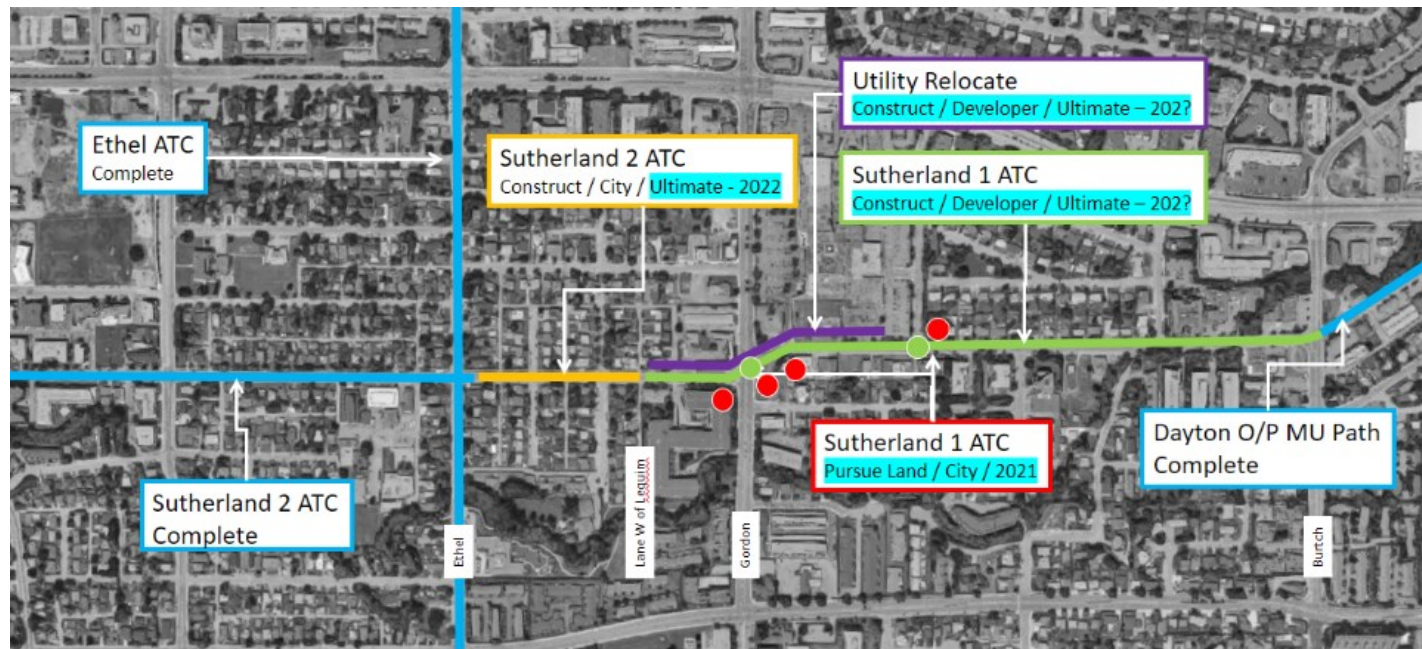
Casorso 3 ATC Corridor Phase 1 - KLO to Lanfranco

This will extend the Ethel / Casorso ATC corridor to Lanfranco Road. Design is also in progress for the next phase that will connect to the Barrera Road and Lakeshore Road ATC. 2022 Budget \$1.2M

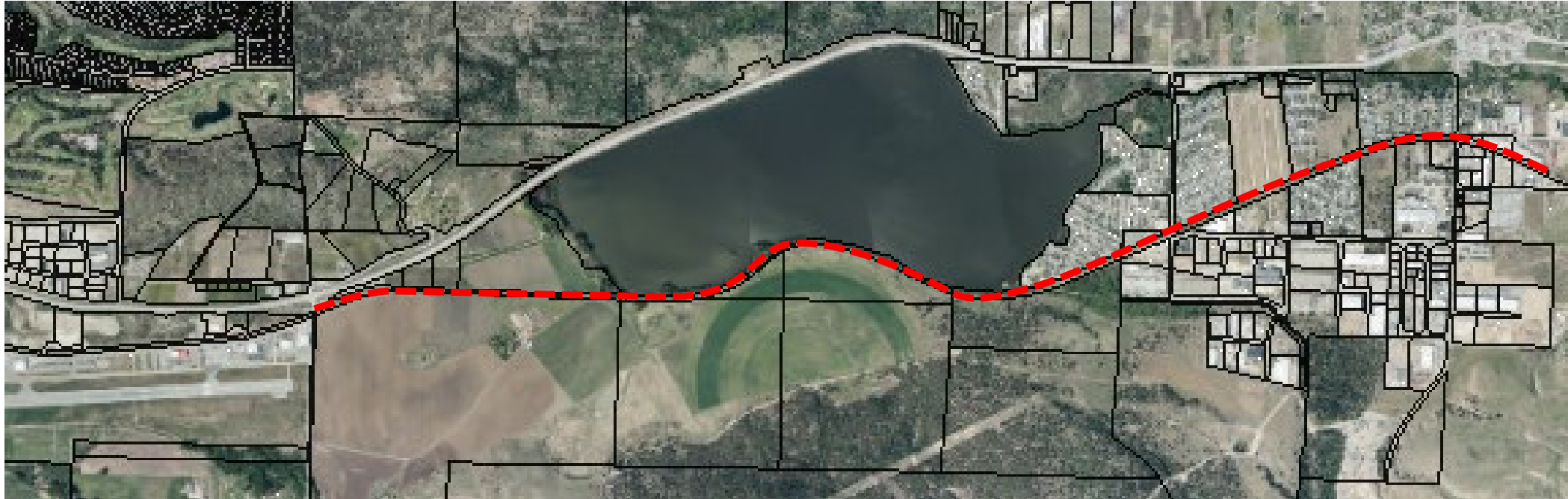


Sutherland 2 ATC - Ethel to Lequime

The next phase of the Sutherland ATC could proceed this year. Property acquisition continues near the Gordon intersection. Remainder is subject to Capri redevelopment status. Budget \$1.0M



Okanagan Rail Trail YLW to Beaver Lake Road

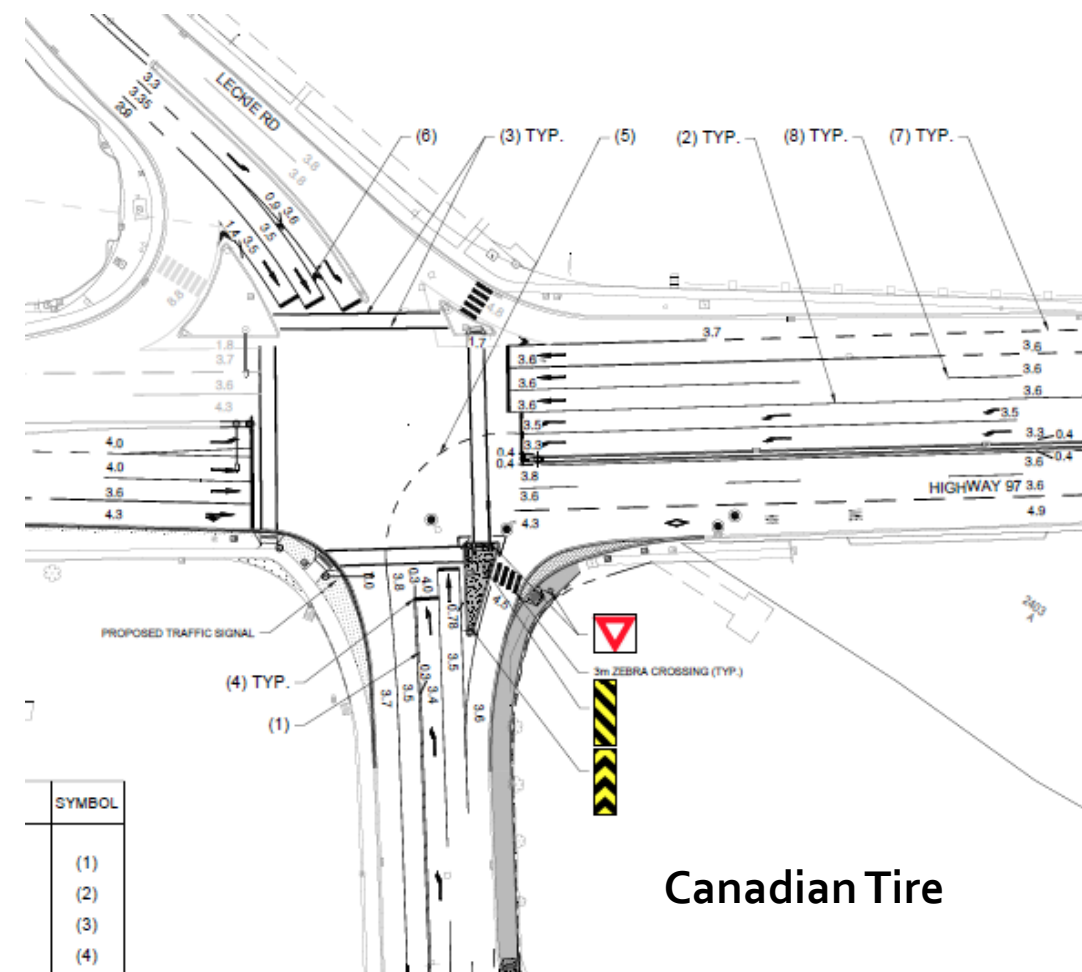


With the recent Kelowna – Lake Country – OKIB MOU, the final section of the Okanagan Rail Trail can move forward. Completion timing is subject to final agreements or granting of early access.

Hwy. 97 – Leckie Road Intersection Improvements

This project will provide dual left turn lanes from Highway 97 on Leckie and extend the Leckie Road multi-use path up to the intersection.

Completion Spring 2022. Work completed during the night.
Construction budget \$1.4M
Funding from City, Costco and MoTI.



Canadian Tire

Pavement Management



The annual pavement management program has a budget of \$3.5 million for 2022 and will involve the resurfacing of 18 roads and intersections (approx. 10.5km). Major projects include:

Gordon Dr – CNC to Paret

Burtch Rd – N of Sutherland to Springfield

Sutherland Ave – Burtch to Hwy 97

Stewart Rd W – SPR to Crawford

Glenmore Rd – Begbie to John Hindle

Ballou Rd & Kane Rd – Moubray to Valley

Abbott St – Wardlaw to Groves

Chute Lake Rd – Quilchena to Southcrest

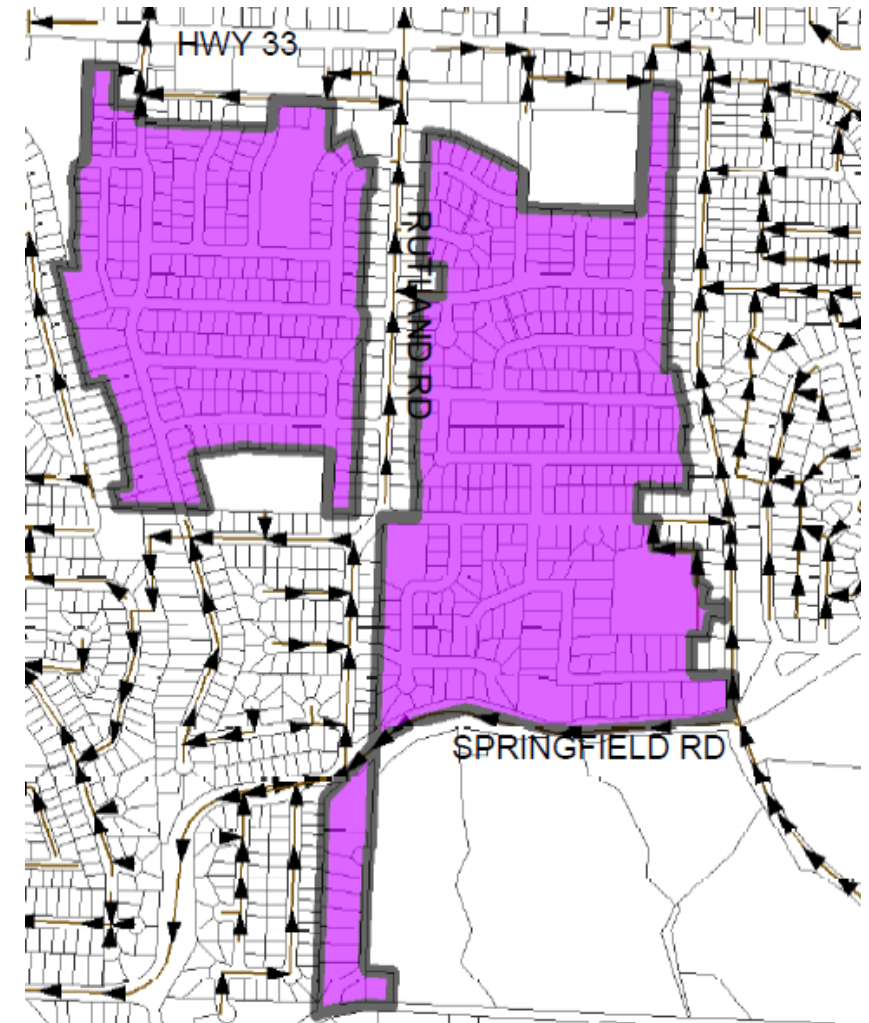
2022 Utility Projects

- ▶ Great strides have been made by Infrastructure Engineering to develop the City's Asset Management Program.
- ▶ One of the biggest benefits is a more accurate understanding of the degree of deteriorating of specific segments of our underground utilities and the use of that information to craft and prioritize renewal programs.
- ▶ Much of Kelowna's initial growth and development occurred post-WWII. That infrastructure is now 50-70 years old and is need of replacement.
- ▶ Check out the Capital Projects Map or Map Viewer Layers for info

Sanitary Sewer System Extension

The City was successful in receiving a major grant for the expansion of the sewer system to urban areas still on on-site septic disposal systems.

Work is expected to start in late 2022 for the Rialto Drive and Terrace Drive areas near Rio Drive. The Rutland-Holbrook area will be designed this year and construction in 2023-24.



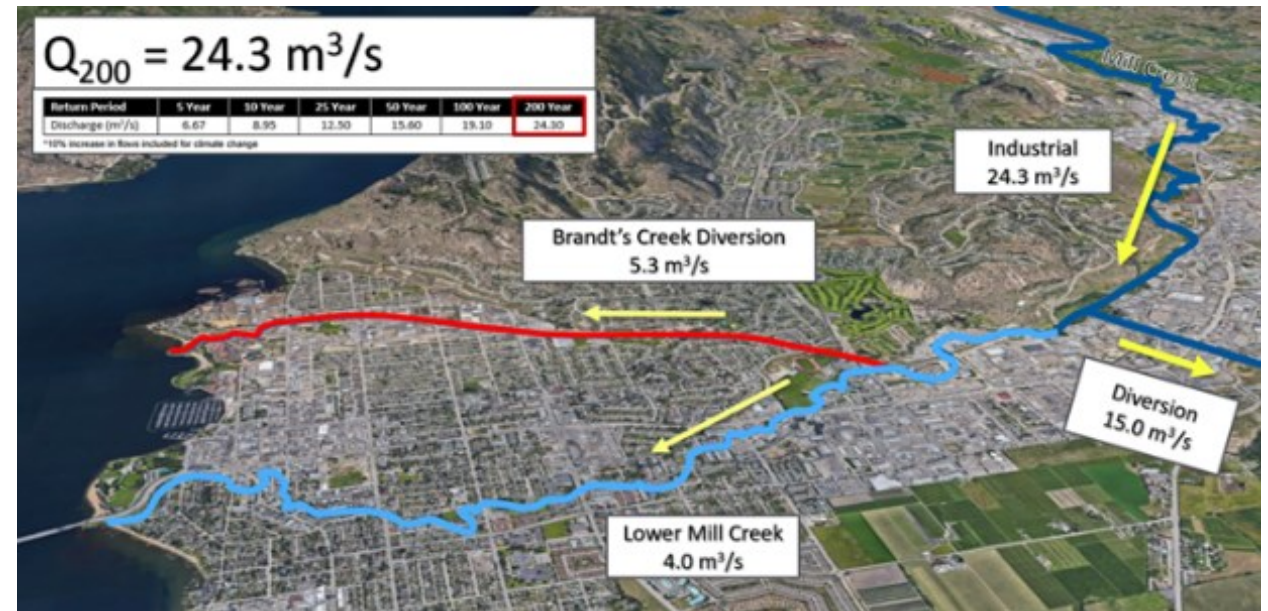
Cast Iron Watermain Replacement

Watermain replacement projects are planned for Clement Avenue from Ellis to Richter, Raymer Avenue from Ethel to Gordon and the Stirling-Keller area. Additional design work is being completed for Ellis Street from Clement to Knox Mountain for future work.



Mill Creek Flood Prevention

The Mill Creek Flood Protection project (up to \$55 million over 6 – 8 years) is gearing up, with construction underway for the Mill Creek Diversion Upgrading and the Old Vernon Road Bridge Replacement. Design is underway for the downtown flood improvements.



Mill to Mission Creek diversion was constructed in 1988. The improvements will divert additional flow from Mill to Mission Creek, reduce velocities, improve hydraulics, improve staff safety and access for debris management, improve fish passage, and reduce risk of flood “spikes” downstream. \$5.5M

Mill Creek Crossing at Old Vernon Rd



Replacement of the timber bridge circa 1950's along Old Vernon Rd at Mill Creek. The improvements include a new 11.0m x 3.1m arch culvert able to accommodate 17.5 m³/s instantaneous flow which results in raising the road grades 1.2m for a total distance of approx. 250m in length. Budget \$1.5M

Sanitary Sewer Upgrades

Projects planned for construction this year include the Guy Street Lift Station Replacement, Manhattan Point area sewers, Lawson Avenue, Lanes North of Cawston and Coronation, Cedar LS and Lakeshore LS upgrades.



2021 Parks Projects

With the implementation of the Parks Development DCC, the City is busy completing many Parks projects that have been in the planning stage for some time. This is going to be an exciting time for Parks Development!



Pandosy Waterfront Park

The park at Abbott St. and Cedar Ave. is moving forward. Construction is underway as is expected to be complete in late 2022.

2022 Construction Budget \$3.85M



City Park Promenade Improvements



This next phase of park rehabilitation has begun construction.

Construction is expected to be complete for this Summer.

2022 Construction
Budget \$1.5M

Ballou Neighbourhood Park



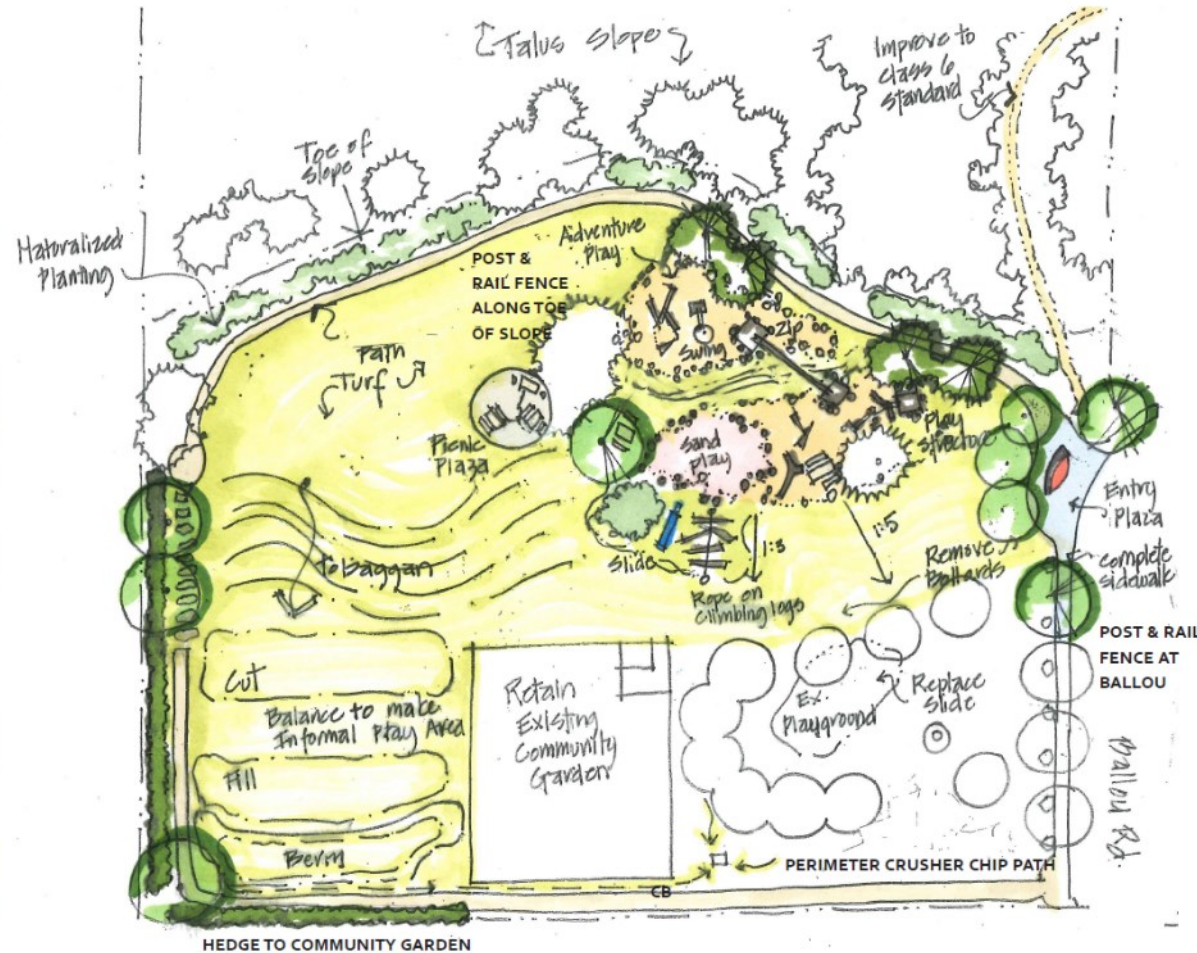
LOW BALANCE PLAY



DISCOVERY PARK (SKAHA)



MUNDARING PARK (PERTH)



This neighbourhood park in Glenmore will be developed, implementing many new adventure play elements.

Construction is scheduled to start this Spring with completion later in 2022.

Budget \$1.56M

Tallgrass Park at Tower Ranch

- ① PLAY AREA (Approx. 500m²)
- ② MAIN ENTRY / PARK SIGN
- ③ UPPER PARK ACCESS / TERRACED OVERLOOK
- ④ SOD LAWN
- ⑤ NATIVE SEED
- ⑥ NATIVE PLANTING
- ⑦ ORNAMENTAL GRASS / PERENNIAL
- ⑧ BENCH / PICNIC TABLE
- ⑨ POST & RAIL FENCING
- ⑩ P.L. CHAINLINK FENCE

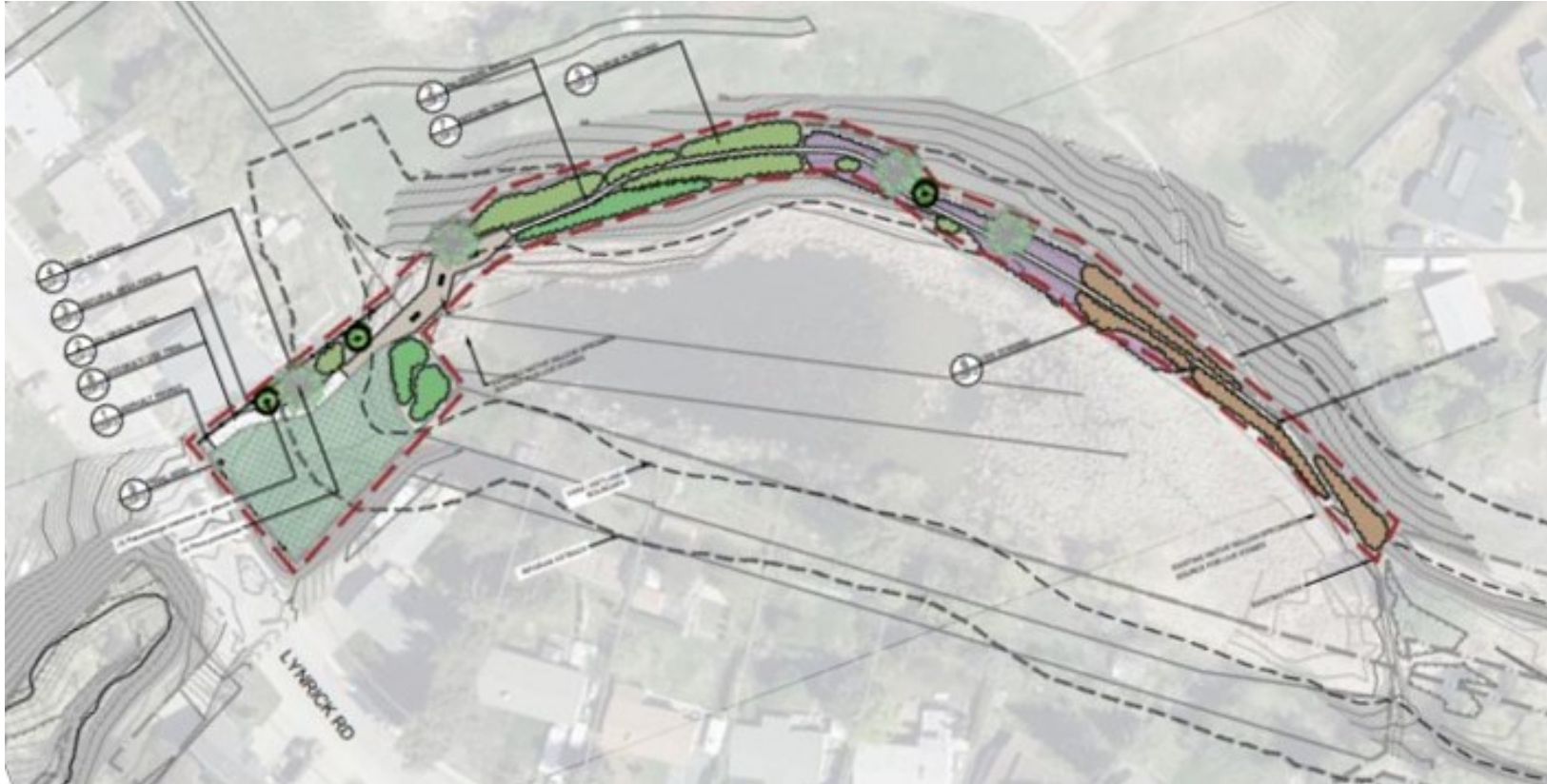


This will be the first neighbourhood park in the new Tower Ranch Golf community.

Construction is expected to start this Summer with completion in the Fall.

Budget \$430K

Gopher Creek Linear Park and Lynrick Road Culvert Replacement



This project will expand the linear trail system along Gopher Creek in the Black Mountain neighbourhood. The culvert across Lynrick Rd is also being upgraded at the same time.

Construction is expected to be completed this year.

Parks Budget \$400K
Drainage Budget \$425K



Questions?

For more information, visit kelowna.ca.