FIVE YEAR FINANCIAL PLAN

PROPOSAL

2026 - 2030

CAPITAL PROJECTS

PRIORITY MATRIX		The capital projects have been given a priority designation based on staff's understanding the underlying nature of the project in relation to several criteria, including risk, timing, and community interest.
Ranking	**Assessment**	**Description**
P1	Critical	Project is identified as critical in maintaining key infrastructure or delivering core services. Exclusion of this priority increases risk to the municipality in the near future, has a negative future cost impact, or both. Has been identified as necessary through AMIP processes.
P2	Vital	Project is vital in maintaining key infrastructure or delivering core services. Exclusion of this priority would increase risk to the municipality in the medium term (2 to 5 years).
P3	Essential	Project is essential part of key infrastructure and supporting the delivery of core services. Exclusion of this project would increase risk to the municipality in the long term (5 - 10 years).
P4	Conditional	Project may have one or more dependencies with another project; while on its own it may be fully discretionary but completing this project at this time represents future cost savings, an increase in value, or reduction of risk.
P5	Optimal	This project would help optimizing the infrastructure network and improving the effectiveness and efficiency of the core services.

Year	(Multiple Items)
FUND	(Multiple Items)

PROJECTS BEING CARRIED FORWARD TO 2026

Row Labels	PROJECT NAME	FUNDING	Sum of 2026 CF
123	**Fairview Irrigation New Flow Meter**	WC	10
148	**Topping Lake Chlorination Station Elect. Service, MCC's, Pumps and motors Upgrades**	SC	500
163	**Garp Pumphouse Fixes ie: storm drains, drywells, etc.**	WC	30
Grand Total			**540**

FUND	Sewer

Sum of 26-35				Column Labels					
Row Labels	PROJECT NAME	Priority	FUNDING	2026	2027	2028	2029	2030	Grand Total
49	Fairview & Station Intersection Improvements Design	P3	SC				10		10
68	50 kW Photovoltaic System - Equalization Ponds	P5	Grant					380	380
98	S3-Similkameen Avenue	P1	Grant	447					447
99	W8-Main Street Veterns to School	P1	Grant	170					170
100	S7-River Crossing Park Dr and Fairview Rd	P1	SC					275	275
	S7-River Crossing Park Dr and Fairview Rd Design	P1	SC				15		15
114	S2-Sanitary Main Hillside to Veterans	P1	Grant		350				350
	S2-Sanitary Main Hillside to Veterans Design	P1	SC		40				40
115	S9-Sanitary Main Fir to Lift station	P2	SC			300			300
	S9-Sanitary Main Fir to Lift station Design	P2	SC		15				15
117	Wastewater Treatment System Upgrades	P3	SC				125		125
125	Reclaim Watermain investigation/testing	P2	SC		150				150
	Reclaim Watermain Design	P2	SC		75				75
130	New Scada & PLC's for entire system	P1	SC		100	100			200
136	Station St. - Fairview to Co-op and Sawmill	P2	Grant				300		300
137	Okanagan St - Co-op to Haven	P3	Grant					200	200
	Okanagan St - Co-op to Haven Design	P3	SC				35		35
142	New Scada Computers	P3	SC				10		10
151	Influent Lifstation Elec. Upgrades	P1	SC		250				250
152	Scott Rd Lifstation Upgradesc/w new boots and bypass	P1	SC		265				265
154	Bing to Hillside SIPP/CIPP Sewer Main in Rear Yards Design	P1	SC		35				35
	Bing to Hillside SIPP/CIPP Sewer Main in Rear Yards	P1	SC			350			350
167	S1 - Fariview to Sawmill Rd. Sanitary Main Replacement Design	P1	SC		40				40
	S1 - Fariview to Sawmill Rd. Sanitary Main Replacement	P1	Grant		900				900
193	Upgrade Compactor Room and Compactor Replacement New MCC and PLC	P1	SC	408					408
194	Highlift Upgrades	P1	SC	715					715
Grand Total				1,741	2,220	750	495	855	6,061

FUND	Sewer

Sum of Total including 2025 carryforward		Column Labels									
Row Labels	**PROJECT NAME**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**Grand Total**
40	Sawmill Road Rehabilitation							1,070			1,070
49	Fairview & Station Intersection Improvements								200		200
	Fairview & Station Intersection Improvements Design				10						10
68	50 kW Photovoltaic System - Equalization Ponds					380					380
69	S-5 Airport Street Alley Skagit to Similkameen									342	342
	S-5 Airport Street Alley Skagit to Similkameen Design								22		22
98	S3-Similkameen Avenue	447									447
99	W8-Main Street Veterns to School	170									170
100	S7-River Crossing Park Dr and Fairview Rd					275					275
	S7-River Crossing Park Dr and Fairview Rd Design				15						15
101	Kootenay Street									581	581
	Kootenay Street Design								20		20
108	Okanagan St - Similkameen to Skagit							150			150
	Okanagan St - Similkameen to Skagit Design						20				20
113	S6-Sanitary Main McKinney Road SIPP/CIPP							250			250
	S6-Sanitary Main McKinney Road SIPP/CIPP Design						25				25
114	S2-Sanitary Main Hillside to Veterans		350								350
	S2-Sanitary Main Hillside to Veterans Design		40								40
115	S9-Sanitary Main Fir to Lift station			300							300
	S9-Sanitary Main Fir to Lift station Design		15								15
117	Wastewater Treatment System Upgrades				125				5,000		5,125
125	Reclaim Watermain investigation/testing		150								150
	Reclaim Watermain Design		75								75
	Reclaim Watermain Replacement									3,500	3,500
130	New Scada & PLC's for entire system		100	100							200
136	Station St. - Fairview to Co-op and Sawmill				300						300
137	Okanagan St - Co-op to Haven					200					200
	Okanagan St - Co-op to Haven Design				35						35
142	New Scada Computers				10					10	20
151	Influent Lifstation Elec. Upgrades		250								250
152	Scott Rd Lifstation Upgradesc/w new boots and bypass		265								265
154	Bing to Hillside SIPP/CIPP Sewer Main in Rear Yards			350							350
	Bing to Hillside SIPP/CIPP Sewer Main in Rear Yards Design		35								35
167	S1 - Fariview to Sawmill Rd. Sanitary Main Replacement		900								900
	S1 - Fariview to Sawmill Rd. Sanitary Main Replacement Design		40								40
193	Upgrade Compactor Room and Compactor Replacement New MCC and PLC	408									408
194	Highlift Upgrades	715									715
Grand Total		**1,741**	**2,220**	**750**	**495**	**855**	**45**	**1,470**	**5,242**	**4,433**	**17,251**

FUND	Water

Sum of 26-35				Column Labels					
Row Labels	PROJECT NAME	Priority	FUNDING	2026	2027	2028	2029	2030	Grand Total
51	Booster station SCADA (6A)	P1	WC		150				150
58	Water Meter Replacements	P1	WC	150	300	300	300	40	1,090
63	Canal - Upgrade trash racks	P3	WC				75		75
98	S3-Similkameen Avenue	P1	Grant	520					520
99	W8-Main Street Veterns to School	P1	Grant	335					335
100	W9--River Crossing Park Dr and Fairview Rd	P1	WC					350	350
	W9-River Crossing Park Dr and Fairview Rd Design	P1	WC				20		20
104	W6-Water reservoir feed line 2 Testing	P1	WC			150			150
	W6-Water reservoir feed line 2	P1	Grant				950		950
105	Pacific Silica River Crossing	P2	WC					450	450
	Pacific Silica River Crossing Design	P2	WC				50		50
118	Mud Lake Irrigation VFD/Soft Starts electrical Upgrade/HVAC/Flow Meter/New MCC	P2	WC				500		500
122	2- New 12" Isolation Valve at Park Rill System #1	P1	WC		40				40
130	New Scada & PLC's for entire system	P1	WC		125	125	125		375
134	Rockcliffe Irrigation Irrigation VFD/Soft Starts electrical Upgrade/HVAC/Flow Meter/New MCC	P1	WC	1,100					1,100
136	Station St. - Fairview to Co-op and Sawmill	P2	Grant				400		400
137	Okanagan St - Co-op to Haven	P3	Grant					350	350
	Okanagan St - Co-op to Haven Design	P3	WC				35		35
141	Gate Valve Replacements each year	P1	WC		20	20	20	20	80
142	New Scada Computers	P3	WC				40		40
160	Diversion Control Gates and Motors Design/Investigation	P1	WC		50				50
	Diversion Control Gates and Motors	P1	WC			500			500
162	Black Sage 2B River Intake Gate	P1	Grant		350				350
164	Well Decommisioning Tucelnuit	P1	WC		100				100
165	Well Decommisioning CPR	P1	WC		100				100
166	Well Decommisioning Blacksage	P1	WC		100				100
168	W2-Park Drive Water Looping Design	P3	WC					20	20
169	W12-Fairview Okanagan to Kootney Design	P3	WC					5	5
191	Fencing for source protection Tucelnuit pumphouse	P1	WC		30				30
192	Hester Creek PIping and Flow Meter	P1	WC	250					250
197	Tucelnuit Pumphouse Upgrade Elect. Service, MCC's, Pumps and Motors	P1	WC			400			400
199	Hester Pumphouse Upgrade Elect. Service, MCC's, Pumps and Motors	P1	WC					400	400
211	Black Sage Well Rehab for 3 wells	P1	WC				200		200
212	Well Decommisioning Plan	P1	WC	30					30
Grand Total				2,385	1,365	1,495	2,715	1,635	9,595

FUND	Water

Sum of Total including 2025 carryforward		Column Labels										
Row Labels	**PROJECT NAME**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**Grand Total**
40	Sawmill Road Rehabilitation							65					65
49	Fairview & Station Intersection Improvements								500				500
51	Booster station SCADA (6A)		150										150
58	Water Meter Replacements	150	300	300	300	40	40	40	40	40	40		1,290
63	Canal - Upgrade trash racks				75								75
69	S-5 Airport Street Alley Skagit to Similkameen									200			200
98	S3-Similkameen Avenue	520											520
99	W8-Main Street Veterns to School	335											335
100	W9--River Crossing Park Dr and Fairview Rd					350							350
	W9-River Crossing Park Dr and Fairview Rd Design				20								20
101	Kootenay Street									745			745
	Kootenay Street Design								30				30
102	Main Reservoir Drain								300				300
	Main Reservoir Drain Design							30					30
104	W6-Water reservoir feed line 2				950								950
	W6-Water reservoir feed line 2 Testing			150									150
105	Pacific Silica River Crossing					450							450
	Pacific Silica River Crossing Design				50								50
106	Earl Crescent Water Relining								225				225
	Earl Crescent Water Relining Investigation/ Design							30					30
107	Laneway between Skagit and Similkameen									375			375
	Laneway between Skagit and Similkameen Design								35				35
108	Okanagan St - Similkameen to Skagit							350					350
	Okanagan St - Similkameen to Skagit Design						20						20
109	Black Sage River Water Crossing							350					350
	Black Sage River Water Crossing Design						25						25
110	Proposed Domestic Pump Station											5,695	5,695
	Proposed Domestic Pump Station design										100		100
	Proposed Domestic Pump Station Loop Lines											1,500	1,500
	Proposed Domestic Pump Station Testing and Report									150			150
118	Mud Lake Irrigation VFD/Soft Starts electrical Upgrade/HVAC/Flow Meter/New MCC				500								500
122	2- New 12" Isolation Valve at Park Rill System #1		40										40
130	New Scada & PLC's for entire system		125	125	125								375
134	Rockcliffe Irrigation Irrigation VFD/Soft Starts electrical Upgrade/HVAC/Flow Meter/New MCC	1,100											1,100
136	Station St. - Fairview to Co-op and Sawmill				400								400
137	Okanagan St - Co-op to Haven					350							350
	Okanagan St - Co-op to Haven Design				35								35
141	Gate Valve Replacements each year		20	20	20	20	20	20	20	20	20		180
142	New Scada Computers				40					40			80
159	Sleeve New Irrigation Main Gala to Siphon Investigation/NDT						150						150

FUND	Water

Sum of Total including 2025 carryforward		Column Labels											
Row Labels	**PROJECT NAME**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**Grand Total**
159	Sleeve/Line New Canal Irrigation Design							150					150
	Sleeve/Line NewCanal Irrigation								3,000				3,000
160	Diversion Control Gates and Motors			500									500
	Diversion Control Gates and Motors Design/Investigation		50										50
162	Black Sage 2B River Intake Gate		350										350
164	Well Decommisioning Tucelnuit		100										100
165	Well Decommisioning CPR		100										100
166	Well Decommisioning Blacksage		100										100
168	W2-Park Drive Water Looping						375						375
	W2-Park Drive Water Looping Design					20							20
169	W12-Fairview Okanagan to Kootney Design					5							5
	W12-Fairview Okanagan to Kootney Water Main						200						200
170	W13-Sawmill Similkameen to Spruce Design						20						20
	W13-Sawmill Similkameen to Spruce Water Main							300					300
171	W14- Similkameen Airport to Cessna Design								20				20
	W14- Similkameen Airport to Cessna Water Main									375			375
172	W11-Lakeside Merlot to Eastside Water Main Replacement							200	300				500
	W11-Lakeside Merlot to Eastside Water Main Replacement Design							20					20
173	W10-McKinney Rd. Park to Hospital Water Main Replacement							285					285
	W10-McKinney Rd. Park to Hospital Water Main Replacement Design						15						15
191	Fencing for source protection Tucelnuit pumphouse		30										30
192	Hester Creek Plping and Flow Meter	250											250
197	Tucelnuit Pumphouse Upgrade Elect. Service, MCC's, Pumps and Motors			400									400
199	Hester Pumphouse Upgrade Elect. Service, MCC's, Pumps and Motors					400							400
211	Black Sage Well Rehab for 3 wells				200								200
212	Well Decommisioning Plan	30											30
Grand Total		**2,385**	**1,365**	**1,495**	**2,715**	**1,635**	**865**	**1,840**	**4,470**	**1,945**	**160**	**7,195**	**26,070**

Summary

PRIORITY	P3	Year
ASSESSMENT	Essential	2032

Sawmill Road Rehabilitation

Project Total of $1,755,000 for roads, water and sewer

$ 1,755,000

306-1931
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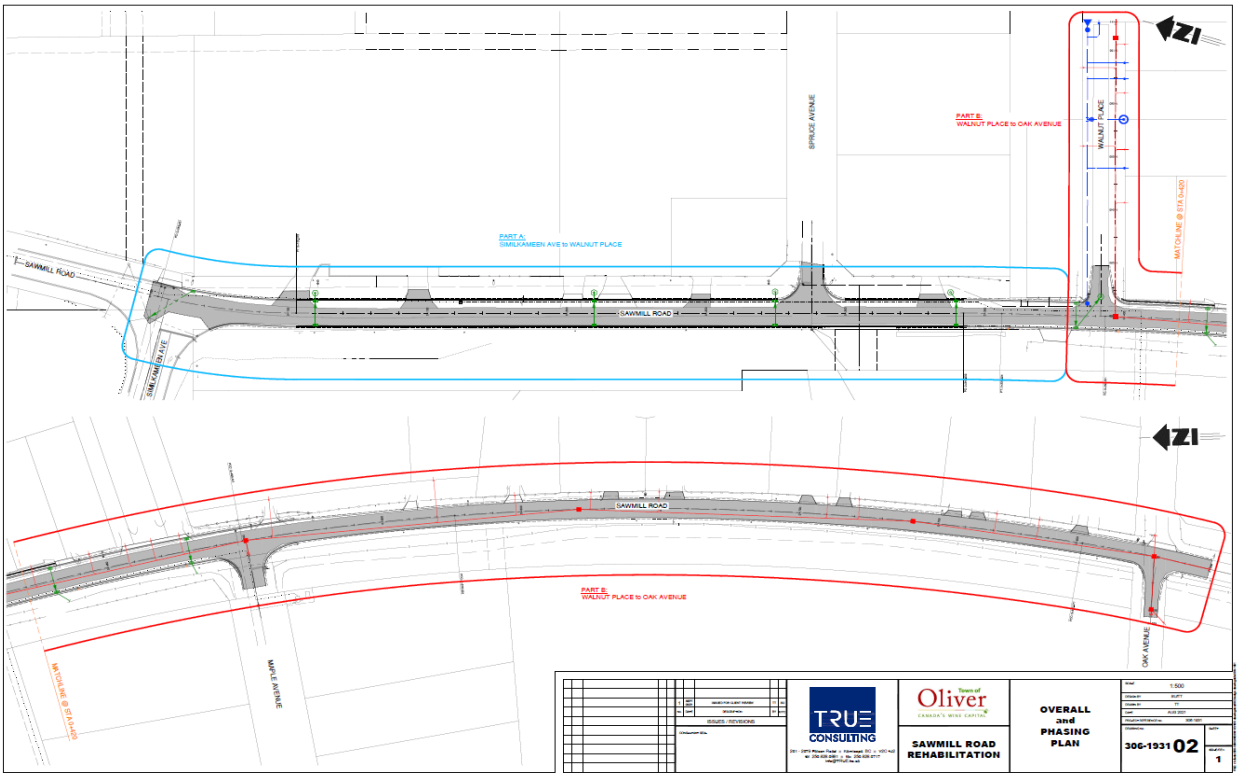
Summary

Subtotal Parts A1.0 to A3.0	$589,815.00
Subtotal Parts B1.0 to B5.0	$1,080,795.00
Subtotal Parts A and B	$1,670,610.00
GST (5%)	$83,530.50
Total Contract Sum	$1,754,140.50



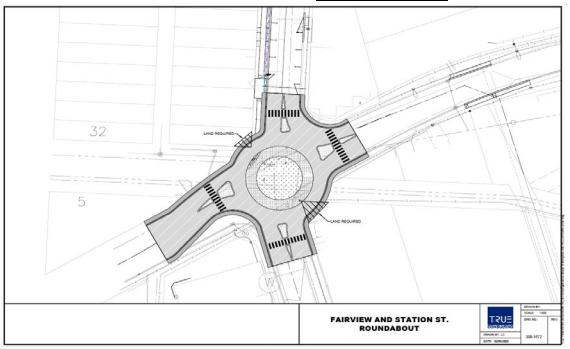
Summary

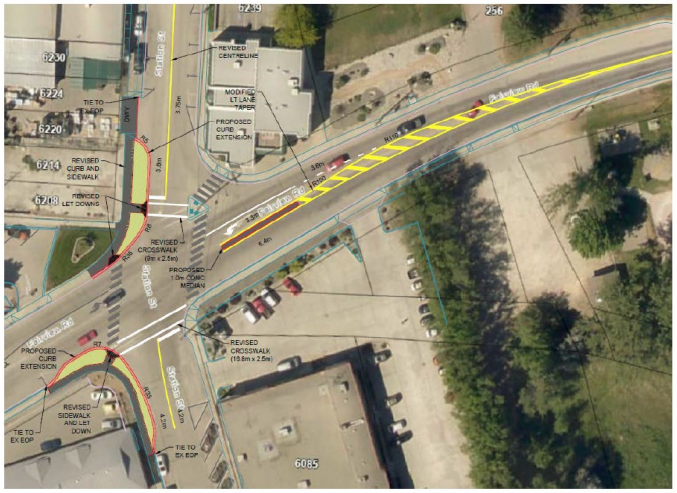
PRIORITY	P1	Year
ASSESSMENT	Critical	2033

Fairview and Station St Intersection Improvements

In 2020, staff engaged TRUE Consulting to do research into intersection improvement recommendations for the Fairview and Station intersection. TRUE contracted WATT consulting to complete a Traffic Operational and safety review for the intersection. From this review two basic concepts evolved: a roundabout or a combination of curb extensions, a traffic median and new pavement markings. Further design would to be done finalize cost estimates. Staff have added 20% to a class C estimate provided by TRUE in 2020 for the installation of a roundabout. We have no pricing for the second option.

$ 660,000





Total $ 3,517,857

Fairview Road and Station St.-mill/pave & Overlay

Main St. requires full reconstruction due to new underground infrastructure

15k

Fairview Road and Station St. Drainage Upgrades

The 1964 AC drainage infrastructure has also exceeded the useful life expectancy of the drainage network..The drainage infrastructure in this area is a major intersection for the Drainage network for the Town and requires upgrades to improve drainage throughout the community.

60000 design

Combined General	$1,600,000.00

Fairview Road and Station St. Water Upgrades

This project is driven by need for redundancy for the water main reservoir feed lines, to replace the existing watermains, the water main was installed in 1955 as AC watermain

$30k design

Water $500,000.00

Fairview Road and Station St. Sewer Upgrades

The 1965 VCT sanitary sewer infrastructure exceeds its' life expectancy.

$20k design

Sewer $200,000.00

Contigency

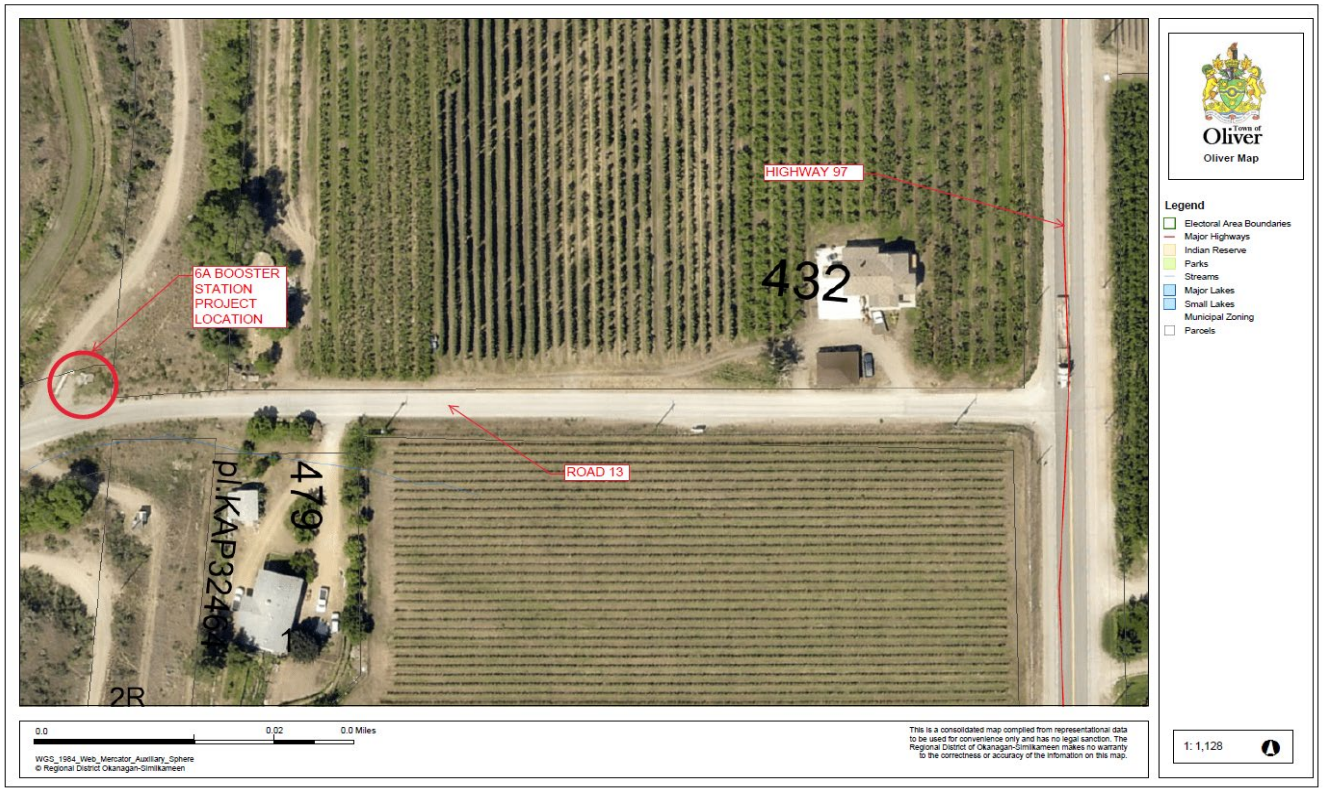
Summary

PRIORITY	P1	Year
ASSESSMENT	Critical	2032

Booster Station SCADA (6a)

This project was slated to be done in 2021 but because for unforseen expenditures, staff decided to carry it forward to 2022. Similar to other pump station upgrades over the last several years; requires electrical contractor to put more info/controls to the 'Supervisory Control and Data Acquisition, (SCADA) system at this site with some wiring upgrades. This also includes wireless communication to Hester Creek reservoir, which eliminates problematic buried wired communication that can occasionally get broken. We are starting in late Fall/Winter 2020 and finish in 2021.

$ 150,000.00



Summary

PRIORITY	P1	Year
ASSESSMENT	Critical	2029

Water Meter Replacements

Finance previously indicated that many older water meters are starting to require more troubleshooting and change outs throughout the water systems. The Town has started a 'change out' program for the next 5 years, replacing the Neptune T-10 meters with a newer Mach 10 meters that have no internal moving parts and potentially less maintenance. Work can be done internally through the public works in addition to contracted plumber. $40k in 2024 was insufficient. Plan for $300k per yer.

$ 300,000

Summary

PRIORITY	P3	Year
ASSESSMENT	Essential	2029

Canal - Upgrade Trash Racks - REMOVED FROM 2023-2027 CAPITAL PLAN

Trash Rack Locations - Diversion, inlet for siphon for the Town, outlet for siphon for the Town, Flume 6 & 7 Trash Rack and Road 11,

$ 75,000

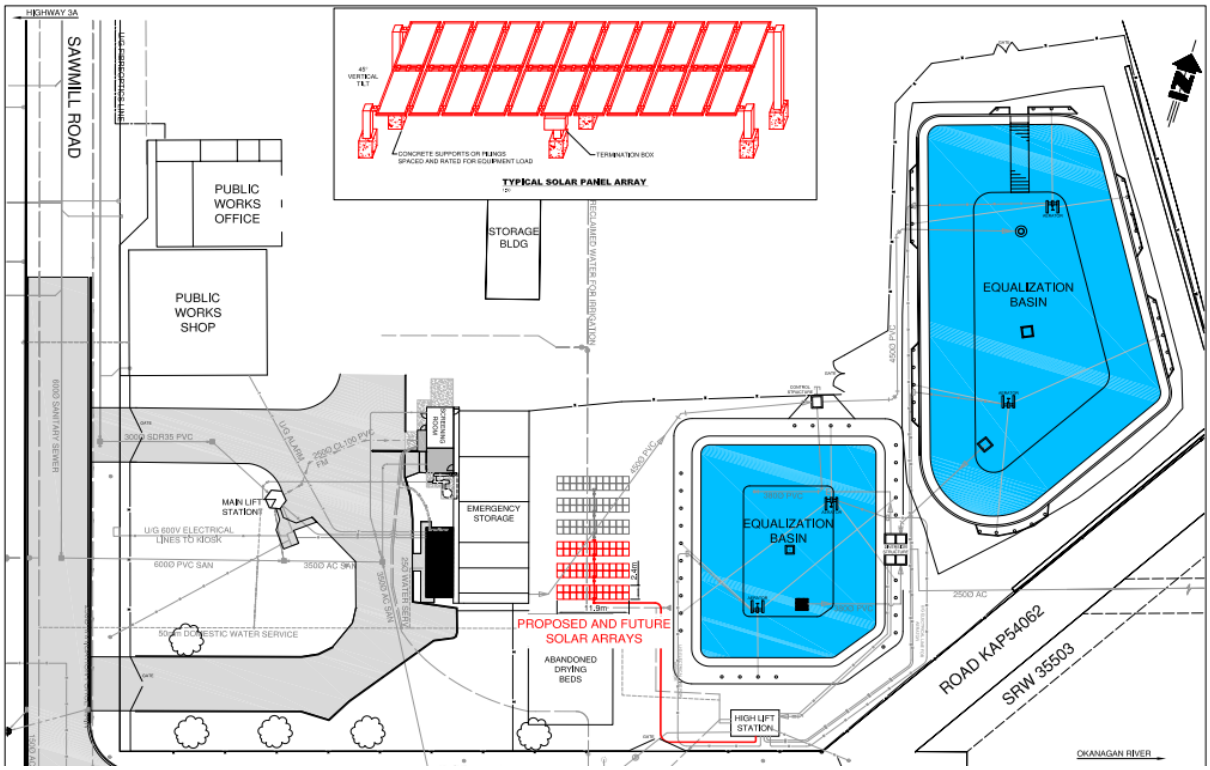
Summary

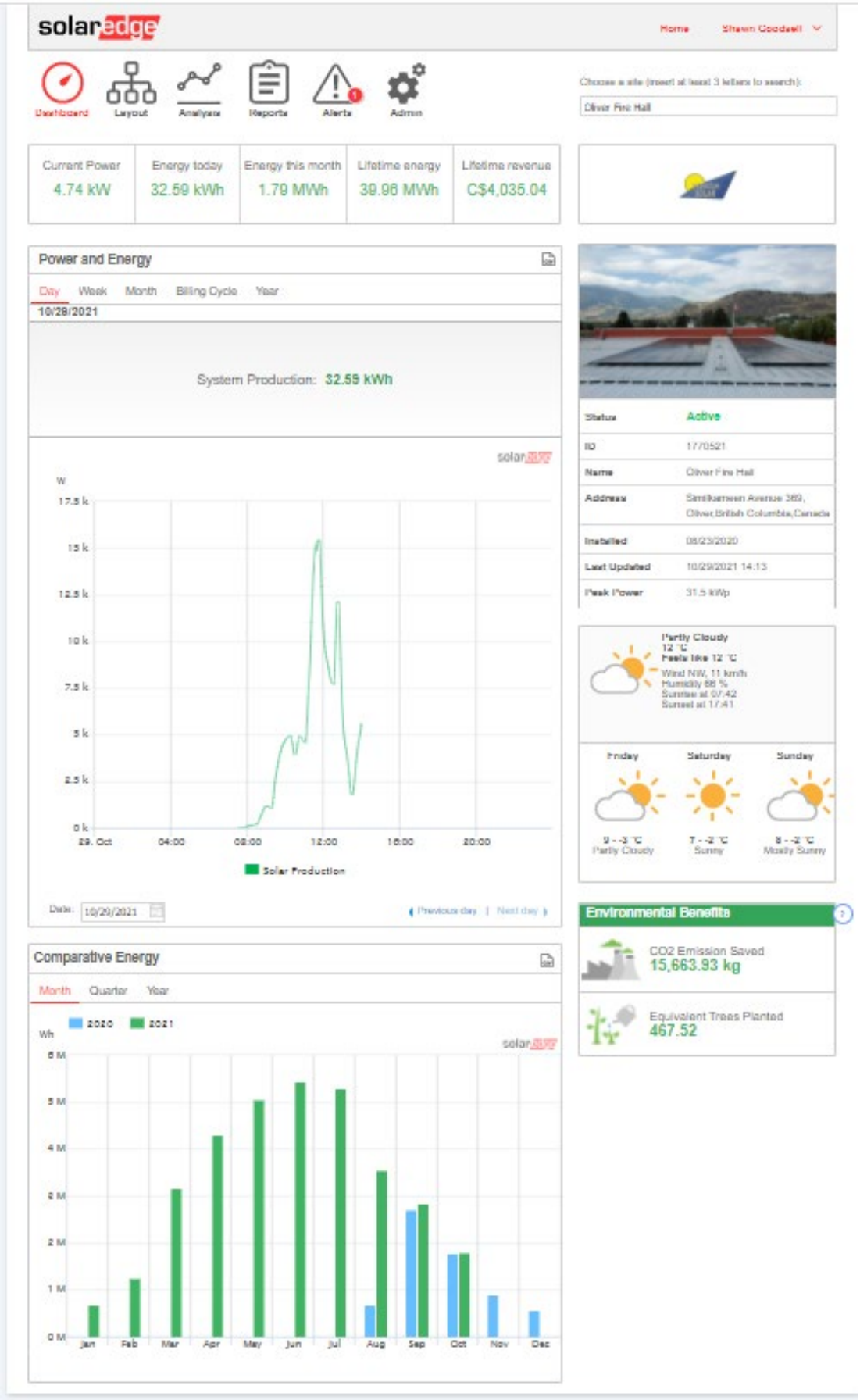
PRIORITY	P5	Year
ASSESSMENT	Optimal	2030

50 KW Photovoltaic (Solar) System for Public works equalization basins

We have tried looking for a solar project for several years now in the sewer budget and we recently completed (2020) a 100 – 315 Watt panels (31.5 KW system) on the Firehall building for approximately $51,000. We are thinking of doing another solar project at our sewer treatment area at the public works yard to offset power costs to the equalization basin mixers and high lift HP pumps that transfer's sewage to the Topping Lake facility. This installation would be more per panel because it would not be on a building and on standing racks or could be a combo and would require more investigation. Council could decide on less money and we can design for the amount we would be able to do with it. This would help offset power costs and one of our highest power consumption sites.
Stats from Firehall solar panels since inception late Aug. (2020) Jan. 1 to Oct. 29, 2021:
• It has generated 39.09 MWh
• Saved approximately $4,035 on energy costs
• CO2 Emissions saved = 15,664 kg
• Equivalent of planting 467.5 trees

$ 380,000




solaredge
Home
Shawn Goodwill
Dashboard
Layout
Analyses
Reports
Alerts
Admin
Oliver Fire Hall
Current Power
4.74 kW
Energy today
32.59 kWh
Energy this month
1.79 MWh
Lifetime energy
39.96 MWh
Lifetime revenue
C$4,035.04
Power and Energy
Day
Week
Month
Billing Cycle
Year
10/28/2021
System Production: 32.55 kWh
W
17.5 k
15 k
12.5 k
10 k
7.5 k
5 k
2.5 k
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28. Oct
04:00
08:00
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20:00
Solar Production
Date:
10/28/2021
Previous day
Next day
Status
Active
ID
1770521
Name
Oliver Fire Hall
Address
Similkameen Avenue 369,
Oliver,British Columbia,Canada
Installed
08/23/2020
Last Updated
10/28/2021 14:13
Peak Power
31.5 kWp
Partly Cloudy
12 °C
Feels like 12 °C
Wind NW, 11 km/h
Humidity 68 %
Sunrise at 07:42
Sunset at 17:41
Friday
9 - -3 °C
Partly Cloudy
Saturday
7 - -2 °C
Sunny
Sunday
8 - -2 °C
Mostly Sunny
Environmental Benefits
CO2 Emission Saved
15,663.93 kg
Equivalent Trees Planted
467.52
Comparative Energy
Month
Quarter
Year
2020
2021
Wh
6 M
5 M
4 M
3 M
2 M
1 M
0 M
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec

Summary

PRIORITY	P3	Year
ASSESSMENT	Essential	2033

December 2023 - No information on this project.

Design	**$ 17,000**
Construction	**$ 342,000**

Insert pictures, quotes, emails and other backup

Total

Airport St.-mill/pave & Overlay

Main St. requires full reconstruction due to new underground infrastructure

$40,000.00

Main St. Drainage Upgrades

The 1964 AC drainage infrastructure has also exceeded the useful life expectancy of the drainage network..The drainage infrastructure in this area is a major intersection for the Drainage network for the Town and requires upgrades to improve drainage throughout the community.

$10k	design
$278,250.00	

Combined General	**$40,000.00**

Main St. Water Upgrades

This project is driven by need for redundancy for the water main reservoir feed lines, to replace the existing watermains, the water main was installed in 1955 as AC watermain

	$5k	design
Water	**$200,000.00**	

Main St. Sewer Upgrades

The 1965 VCT sanitary sewer infrastructure exceeds its' life expectancy.

	$5k	design
Sewer	**$342,000.00**	

Contigency

Summary

PRIORITY	P1	Year
ASSESSMENT	Critical	2026

Total	$ 3,261,871

Similkameen Ave.-mill/pave & Overlay

Similkameen Ave is poor condition and requires full reconstruction

$1,245,956.00

Similkameen Ave. Drainage Upgrades

The existing drainage infrastructure has also exceeded the useful life expectancy of the drainage network..The drainage infrastructure in this area is a major intersection for the Drainage network for the Town and requires upgrades to improve drainage throughout the community.

$91,800.00

Combined General	$1,337,756.00

Similkameen Ave. Water Upgrades

The 1961 AC water infrastructure well exceeds its' life expectancy.

Water	$519,575.00

Similkameen Ave. Sewer Upgrades

The Sanitary sewer that runs along Similkameen and forms a bottle neck according to the Sanitary Capital Plan from 2019. The 1967 AC Sanitary sewer infrastructure exceeds its' life expectancy.

Sewer	**$447,300.00**

Engineering and Materials Testing	
Contigency Allowance	957,240.00

Summary

PRIORITY	P1	Year
ASSESSMENT	Critical	2026

Total	$ 3,517,857

Main St.-mill/pave & Overlay

Main St. requires full reconstruction due to new underground infrastructure

	$15k
	$1,609,500.00

Main St. Drainage Upgrades

The 1964 AC drainage infrastructure has also exceeded the useful life expectancy of the drainage network..The drainage infrastructure in this area is a major intersection for the Drainage network for the Town and requires upgrades to improve drainage throughout the community.

	$10k	design
	$278,250.00	

Combined General	$1,887,750.00

Main St. Water Upgrades

This project is driven by need for redundancy for the water main reservoir feed lines, to replace the existing watermains, the water main was installed in 1955 as AC watermain

	$30k	design
Water	$335,150.00	

Main St. Sewer Upgrades

The 1965 VCT sanitary sewer infrastructure exceeds its' life expectancy.

	$20k	design
Sewer	**$107,200.00**	
Contigency	**$957,240.00**	

Summary

PRIORITY	P1	Year
ASSESSMENT	Critical	2030

Total **$ 1,281,000**

Fairview Road/Park Drive -mill/pave & Overlay

The asphalt aprons require full reconstruction, milling will be required on the roadways

$15k	Design
$460,000.00	

Fairview Road/Park Drive Drainage Upgrades

The 1972 AC drainage infrastructure has also exceeded the useful life expectancy of the drainage network..The drainage infrastructure in this area is a major intersection for the Drainage network for the Town and requires upgrades to improve drainage throughout the community.

$10k	design
$146,000.00	

Combined General **$606,000.00**

Fairview Road/Park Drive Water Upgrades

This project is driven by environmental risks with the aged infrastructure crossing the Okanagan River. The existing watermains runs East to West along the south side of crossing, the water main was installed in 1961 as AC watermain

	20K	design
Water	**$310,000.00**	

Fairview Road/Park Drive Sewer Upgrades

The existing gravity sanitary sewer main runs East to West along the south side of the crossing, this sanitary sewer has history of repairs close to the river crossing. The 1965 VCT sanitary sewer infrastructure exceeds its' life expectancy. The river crossing is a major sanitary crossing, being the only way of transporting sanitary flows from the East side of Town to the wastewater treatment process.

	$15K	design
Sewer	**$365,000.00**	

Summary

PRIORITY	P3	Year
ASSESSMENT	Essential	2034

Total **$ 3,785,000**

Kootenay St -mill/pave & Overlay

Kootenay St is poor condition and requires full reconstruction

$2,105,000.00 $ 20,000.00 design

Kootenay St Drainage Upgrades

The drainage infrastructure has also exceeded the useful life expectancy of the drainage network..The drainage infrastructure in this area is a major intersection for the Drainage network for the Town and requires upgrades to improve drainage throughout the community.

$ 10,000.00 design

$354,000.00

Combined General	**$ 2,459,000**

Kootenay St Water Upgrades

The existing watermains runs South to North along within the roadway, the water main was installed in 1945, 1955 & 1961 as AC watermain.

$ 30,000.00 design

Water	**$745,000.00**

Kootenay St Sewer Upgrades

The 1965 VCT sanitary sewer infrastructure exceeds its' life expectancy. The sanitary sewer has history of multiple repairs and requires upgrades.

	$ 20,000.00	design
Sewer	$581,000.00	

Summary

PRIORITY	P3	Year
ASSESSMENT	Essential	2032

This project is the only drain that exists for the Town's domestic water reservoir. The drainage main is critical infrastructure for the Town and is past its end-of-life expectancy. This stretch of drainage main had multiple sections upgraded to ultra rib PVC. The sections of the reservoir drainage main that consist of wood stave pipe covered with concrete will need to be replaced. Multiple blockages have been removed from the drainage main that were identified as pieces of wood from the wood stave pipe.

$ 375,000

Design

Summary

PRIORITY	P1	Year
ASSESSMENT	Critical	2028

This project is driven by need for additional capacity for the water main reservoir feed lines. The water main feed lines are critical infrastructure for the Town and are a few years away from the end of their life expectancy.

$ 1,050,000

Summary

PRIORITY	P2	Year
ASSESSMENT	Vital	2029

This project is driven by environmental risks with the aged infrastructure crossing the Okanagan River. The existing watermains runs East to West along the south side of crossing. The river crossing is a major water crossing, being one part of the loop for the Town that connects both side of the Town together. The water infrastructure has passed exceeded its life expectancy.

$	450,000
$	50,000

Summary

PRIORITY	P3	Year
ASSESSMENT	Essential	2033

This project is driven by aged infrastructure that should have been replaced with the reconstruction of the roadway. The water infrastructure has passed exceeded its life expectancy.

	$ 255,000
design	40000

Summary

PRIORITY	P3	Year
ASSESSMENT	Essential	2034

Laneway between Main Street and Okanagan

This project is driven by aged infrastructure that should have been replaced with the reconstruction of the roadway. The water infrastructure has passed exceeded its life expectancy.

$ 475,000

Summary

PRIORITY	P3	Year
ASSESSMENT	Essential	2032

Okanagan St -mill/pave & Overlay

Okanagan St is poor condition and requires full reconstruction

	$ 15,000.00	design
Road	$800,000.00	

Okanagan St Drainage Upgrades

The drainage infrastructure has also exceeded the useful life expectancy of the drainage network..The drainage infrastructure in this area is a major intersection for the Drainage network for the Town and requires upgrades to improve drainage throughout the community.

	$150,000.00

Okanagan St Water Upgrades

The water infrastructure has passed exceeded its life expectancy.

$ 20,000.00	design
$150,000.00	

Okanagan St Sewer Upgrades

The sewer infrastructure has passed exceeded its life expectancy.

$ 20,000.00	design
$350,000.00	

Summary

PRIORITY	P3	Year
ASSESSMENT	Essential	2031

This project is driven by environmental risks with the aged infrastructure crossing the Okanagan River. The existing watermains runs East to West along the south side of crossing. The river crossing is a major water crossing, being one of the watermains that connects system 2 to the other systems. The water infrastructure has passed exceeded its life expectancy.

$ 350,000

Summary

PRIORITY	P3	Year
ASSESSMENT	Essential	2035

This project is driven by supply demands, risks with limited pump capacities for the Town and development. The proposed water pump station will be located within the Town Boundary. A river crossing would be required to loop both sides of the Town.

$	7,195,000	
$	150,000	Testing & Report
$	100,000	design

Summary

PRIORITY	P3	Year
ASSESSMENT	Essential	2031

This project is a key connection in the sanitary collection network, and services a corridor of future development. The sanitary sewer main is critical infrastructure for the Town and is past its end-of-life expectancy. Based on relining sewer.

	$ 250,000
Design	$ 25,000

Summary

PRIORITY	P1	Year
ASSESSMENT	Critical	2027

This project is a key connection in the sanitary collection network, and services a corridor of future development. The sanitary sewer main is critical infrastructure for the Town and is past its end-of-life expectancy. This stretch of sanitary sewer main had multiple spot repairs.

$	800,000
$	45,000 design

Summary

PRIORITY	P1	Year
ASSESSMENT	Critical	2028

This project is a key connection in the sanitary collection network, and services a corridor of future development. The sanitary sewer main is critical infrastructure for the Town and is past its end-of-life expectancy. This stretch of sanitary sewer main had multiple spot repairs.

$	300,000
$	15,000 design

Summary

PRIORITY	P3	Year
ASSESSMENT	Essential	2029

Upgrades to the wastewater treatment plant, requirements for WSER 2040 deadline.

$	5,000,000
$	125,000 design

Summary

PRIORITY	P2	Year
ASSESSMENT	Vital	2029

New Fencing for Hester Creek Pumpstation. Remove existing chain link and posts
Install new posts – some are required to be longer as per grade change
Add extra gate into fence
Custom welding required on site

$ 12,795

GOLD STAR FENCING INC.

Quotation

Customer:
Town of Oliver
Box 638
5971 Sawmill Road
Oliver, BC V0H 1T0
Attn: Kelly Mercer/Joseph Trottier
Re:

Quotation Number: KW10715
Quotation Date: 11-09-2023
Phone # 250-485-6216
Fax #

We are pleased to offer our quotation for fencing based on the following conditions:

Materials:

Terminal Post(s):	PIPE 2 7/8 in SS 20 PIPE GALVANIZED
Line Post:	PIPE 2 3/8 in SS 15 PIPE GALVANIZED
Top Rail:	PIPE 1 5/8 in SS 15 PIPE GALVANIZED
Chain Link:	72 in X 2 in X 9 GA. GALVANIZED MESH KB
Gates:	2 4' x 6' SINGLE SWING INDUSTRIAL GATES - F.F.H.

All posts will be set in Concrete Footings and Plated

Remove existing chain link and posts
Install new posts – some are required to be longer as per grade change
Add extra gate into fence
Custom welding required on site

Overall Height	**6**	**Ft.**
Fence Length	**182.0**	**Ft.**
Gate Length	**8.0**	**Ft.**
Overall Length	**190.0**	**Ft.**
Post Spacing	**10**	**Ft.**

Components:
Top Rail: included
Tension Wire: included

All fencing quoted will meet or exceed the specified standards.

In order to proceed with your project, a 50% deposit is required and the attached signed contract.

**** Irrigation lines must be clearly marked, Gold Star Fence cannot be held responsible for damaged lines****

Estimated Project Start:

BCCSA BC Construction Safety Alliance
CAR CERTIFIED

Installed Amount	**$12,157.44**
P.S.T.	
GST	$607.87
Installed Total	**$12,765.31**

Terms:
50% Deposit, 50% Upon Completion

Sales Agent
Karolina Watson
250.490.7836

This quotation is firm for **10** days and is subject to the terms and conditions shown herein or the following page.

Address: PO Box 31, Okanagan Falls, BC V0H 1R0
TEL: 250.490.7836 EMAIL: info@goldstarfence.ca

GOLD STAR FENCING INC.

Fence Installation Conditions

1. Purchaser to meet with installation crew or to have fence line staked showing gate, end, and corner post locations prior to start of erection. Surveying or locating of property lines is purchaser's responsibility. If after the erection crew has started erecting the fence the purchaser changes the layout of the fence there will be an extra charge for the lost time incurred.

2. Erection price does not include clearing, grubbing, compacting, or leveling and if fence line is not graded it will be assumed the fence will follow the natural contour of the ground as close as possible unless advised by the purchaser in writing in advance. Fence line shall be free of brush, debris, or other obstructions prior to start of erection of the fence. We are not responsible for loose footings or settlement issues due to un- compacted site conditions. Vehicle access to complete fence line is required and assumed, unless specified by the purchaser.

3. Erection price does not include picking up and removing from site excavated earth and debris from posthole auguring. Material will be spread and distributed around the excavated holes, unless specifically noted.

4. Underground Utility Locates – Purchasers Responsibility
For Public Utility Locates call: BC One-Call @ 1.800.474.6886 (A minimum of two full working days' notice is required; response times may vary due to call volume).
For Private Utility Locates call: Private Locators operating in your area.
It is purchaser's responsibility to ensure underground utility locates are completed prior to Gold Star Fence mobilization to work site. If locates were not completed, Gold Star Fence reserves the right to call underground utility locators to complete the locates. Utility locate costs will be borne by the purchaser and arranged by and charged directly to the purchaser or an authorization for these services will be signed prior to Gold Star Fence arranging these services, and they will be billed at cost plus 15% for overhead, profit, and administration.

5. Underground Irrigation Lines
Underground irrigation lines cannot be normally located and as such Gold Star Fence Inc. will not be held responsible for damages to irrigation facilities unless fully staked and physically marked on the ground by the purchaser prior to fence installation. Cost for repair and coordination will be that of the purchaser.

6. Underground Utility Damages – Purchasers Responsibility
Fence erection price is based on the assumption the purchaser agrees to indemnify Gold Star Fence Inc. against any claims arising from damage caused to underground services of any kind unless the purchaser has complied with item #4 above and staked and informed Gold Star Fence Inc. of the location of services prior to start of erection.

7. If Hydrovac services are required due to conflicts with underground utilities or other circumstances, these costs will be borne by the purchaser and arranged by and **charged directly** to the purchaser or an authorization for these services will be signed prior to Gold Star Fence Inc. arranging these services, and they will be billed at cost plus 15% for overhead, profit, and administration. Note additional concrete and time will be required and charged that is not covered in the estimate.

8. Completion dates are dependant on materials, weather and available labour/equipment and although we work with all customers for timely installations, Gold Star Fence Inc. is not responsible for extra security or any other implications due to fencing not being completed unless agreed to in writing prior to commencement of the project. We do not guarantee a set completion date unless expressly agreed upon and that is dependent on a site being ready as agreed upon and reasonable and safe weather conditions during the installation process.

9. Downtime for erection crew on the job site caused by purchaser not having fence line staked or cleared or the underground services not being located and marked, will be charged as an extra $180.00 per two-man crew hour, plus any resulting additional room and board charges.

10. Quotations are based on frost-free and normal clay soil conditions. Where rocks, pavement, sidewalks, foundations, or hidden obstructions are encountered or are not specified by the purchaser, an extra charge will apply.

11. All permits are the responsibility of the purchaser.

12. After completion and an accurate measurement, if greater or lesser footage is found to have been supplied and erected than quoted, same will be charged for or credited, at a unit price for material and the charge for erection.

13. Barb wire overhang (if applicable) will point out from the fenced property, and the fence line will be erected 1 foot inside the given property lines to accommodate unless advised otherwise in writing by the purchaser.

14. All powder coated material and special-order privacy inserts are non-cancelable. Changes to contract are subject to a $50.00 change order charge, plus additional cost of time and materials.

15. If purchaser wished to cancel the contract for any reason with Gold Star Fence Inc. after signing and providing a deposit. Gold Star Fence Inc. will have earned and will retain a $250.00 admin fee plus a 3% charge if paid by credit card.

16. Ownership of all materials supplied hereunder shall remain the property of Gold Star Fence Inc. until payment in full has been made (inclusive of any charges for extras), and it is agreed, in the event of non-payment Gold Star Fence Inc. shall have the right to enter upon the customer's premises at any time, for the purpose of removing the materials supplied, whether or not the said materials are affixed to the customer's property. Gold Star Fence Inc. is not responsible for any damages that might be caused to the customer's property as a result of the removal of such fencing. The removal of such fencing shall be without prejudice, to any additional rights which may have accrued to Gold Star Fence Inc. prior to the date of removal and to any additional legal proceedings which Gold Star Fence Inc. Wish to take against the customer to enforce the terms of this Contract.

Customer accepts and understands these conditions and acknowledges that they are an important part of the contract between the customer and Gold Star Fence Inc.
Revised May 2023

Customer Name and Signature: _____
Date Accepted: _____
Total Contract Price: _____

Summary

PRIORITY	P1	Year
ASSESSMENT	Critical	2027

New Main Line Valve isolaiton 12" Valve at Park Rill System #1

$ 40,000

Summary

PRIORITY	P1	Year
ASSESSMENT	Critical	2025

New flow meter at Fairview Road

$ 30,000

Summary

PRIORITY	P2	Year
ASSESSMENT	Vital	2027

Reclaimed Water line investigation and Replacement. Staff have exposed the relaimed watermain in multiple locations, including on Co-op avenue and Fairview Road. These locations varry for deterioration of the reclaimed watermain, majority of the exposed location have shown major struture deterioration, and active pressure in this reclaimed watermain can exceed 200 psi proior to the PRV located next to Similkameen Avneue

$ 5,075,000	
$ 150,000	Investigation

Summary

PRIORITY	P1	Year
ASSESSMENT	Critical	2024

New Scada and PLC upgrade for entire system water and sewer. They do not make parts anymore for our scada communication system. Continuous problems with Scada software not getting proper data

Water	**$ 125,000**	per year until 2030
Sewer	**$100,000.00**	per year until 2027

Summary

PRIORITY	P1	Year
ASSESSMENT	Critical	2024

Rockcliffe Irrigation VFD/Soft Starts Elect. Upgrade

This part of our constant upgrades for our older pumphouses. This Pumphouse was built in 1975, located on Road 2, it is biggest irrigation pump station we have. It pushes 9000 gallons per minute, it is currently powered with a 400 amp service and with all 3 pumps running it requires 588amps. If this pump stastion goes down we can not service a lot of the higher elevation properties. We neec to do electrical (MCC) and controls in the pumphouse as well upgrade the pump controls; Variable Frequency Drive for better power efficiency and easier on the equipment when pumps start up and wind down.

$ 1,100,000

Summary

PRIORITY	P2	Year
ASSESSMENT	Vital	2029

Total	**$ 1,600,000**

Station St -mill/pave & Overlay

Station St is poor condition and requires full reconstruction

	$ 20,000.00	design
Road	**$750,000.00**	

Station St Drainage Upgrades

The drainage infrastructure has also exceeded the useful life expectancy of the drainage network..The drainage infrastructure in this area is a major intersection for the Drainage network for the Town and requires upgrades to improve drainage throughout the community.

$150,000.00	

Station St Water Upgrades

The existing watermains runs South to North along within the roadway, the water main was installed in 1955 as AC watermain.

$ 30,000.00	design
$400,000.00	

Station St Sewer Upgrades

The 1965 VCT sanitary sewer infrastructure exceeds its' life expectancy. The sanitary sewer has history of multiple repairs and requires upgrades.

$ 30,000.00	design
$300,000.00	

Summary

PRIORITY	P3	Year
ASSESSMENT	Essential	2030

Total	**$ 1,850,000**

Okanagan St -mill/pave & Overlay

Okanagan St is poor condition and requires full reconstruction

	$1,000,000.00	$ 25,000.00 design
Combined General	**$1,300,000.00**	

Okanagan St Drainage Upgrades

The drainage infrastructure has also exceeded the useful life expectancy of the drainage network..The drainage infrastructure in this area is a major intersection for the Drainage network for the Town and requires upgrades to improve drainage throughout the community.

$ 10,000.00	design
$300,000.00	

Okanagan St Water Upgrades

The existing watermains runs South to North along within the roadway, the water main was installed in 1945, 1955 & 1961 as AC watermain.

Water	**$ 35,000.00**	design
	$350,000.00	

Okanagan St Sewer Upgrades

The 1965 VCT sanitary sewer infrastructure exceeds its' life expectancy. The sanitary sewer has history of multiple repairs and requires upgrades.

Sewer	**$ 30,000.00**	design
	$200,000.00	

Summary

PRIORITY	P1	Year	Year
ASSESSMENT	Critical	2027	2034

Gate Valve Replacements

Annual replacement of valves on the water systems.

$	20,000

Summary

PRIORITY	P3	P4	Year	Year
ASSESSMENT	Essential	Essential	2029	2034

SCADA Computer replacements

Replacement of the SCADA computers every 5 years

	$ 40,000
	$ 10,000

Summary

PRIORITY	P1	Year
ASSESSMENT	Critical	2025

Topping Lake Chlorination Station Elect. Service, MCC's, Pumps and motors Upgrades

Just like many of our older water pumphouses, we need to upgrade some electrical & controls in the chlorination station building. An updated cost will need to be done.
This project is a key connection in the sanitary collection network. The topping lake pump motors are critical infrastructure for the Town and is past its end-of-life expectancy. The pump station needs to be updated to 600V from 480V.

$ 695,000

Summary

PRIORITY	P1	Year
ASSESSMENT	Critical	2027

2028

Hester New Flow Meter

Hester New Flow Meter

2027	Design	$	35,000
2028	Constrcution	$	350,000

Summary

PRIORITY	P1	Year
ASSESSMENT	Critical	2025

Highlift HVAC

HVAC Highlift

$	30,000

Summary

PRIORITY	P1	Year
ASSESSMENT	Critical	2026

Influent Lifstation Elec. Upgrades

Influent Liftstation Electrcial system upgrades	
	$ 250,000

Summary

PRIORITY	P1	Year
ASSESSMENT	Critical	2028

Scott Rd Lifstation Upgrades

Scott Rd Liftstation Electrcial system upgrades c/w new boots and bypass

$	265,000

Summary

PRIORITY	P1	Year
ASSESSMENT	Critical	2025

Upgrading Drumscreen Wash Lines

Upgrade the wash lines to the Drumscreen for the Wastewater Treatment Plant

$	30,000

Summary

PRIORITY	P1	Year
ASSESSMENT	Critical	2027

2028

Bing to Hillside SIPP/CIPP Sewer Main in Rear Yards Design

Relining the sanitary sewer that runs through the easements of multiple places.

	2027	Design	$ 35,000
	2028	Construction	$ 350,000

Summary

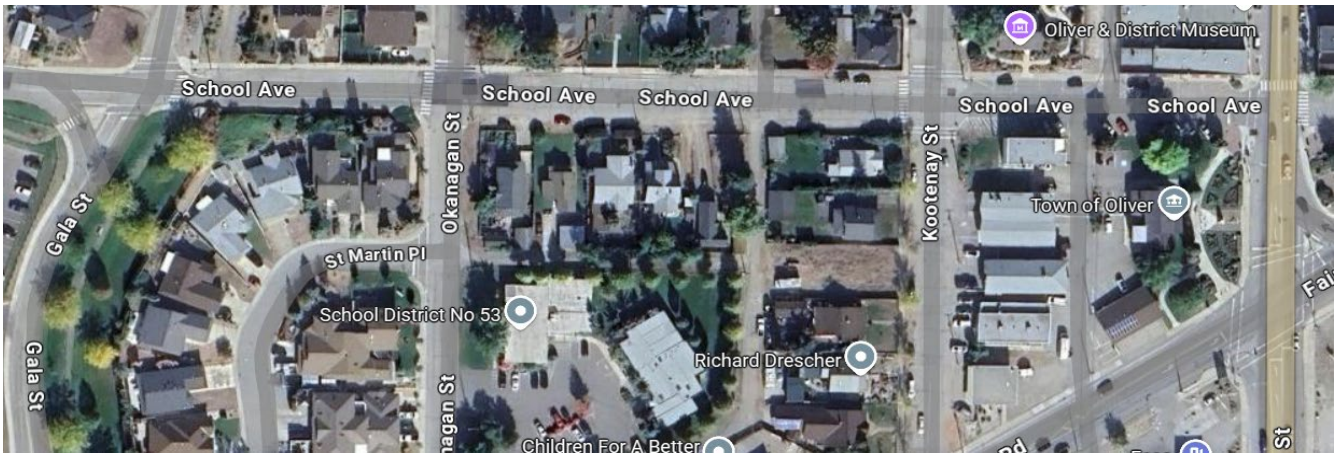
PRIORITY	P3	Year
ASSESSMENT	Essential	2031

2033

Irrigation Main Gala to Siphon Investigation/NDT

Sleeve New Irrigation Main Gala to Siphon Investigation/NDT

NDT	$ 150,000
Design	$ 150,000
General	$ 250,000
Water	$ 3,000,000



Summary

PRIORITY	P1	Year
ASSESSMENT	Critical	2026

2028

Diversion Control Gates and Motors Design/Investigation

Diversion Control Gates, Motors Design/Investigation and Construction

Design	$	50,000
Constructi	$	500,000

Summary

PRIORITY	P1	Year
ASSESSMENT	Critical	2027

Black Sage 2B River Intake Gate

Black Sage 2B River Intake Gate

$ 350,000

Summary

PRIORITY	P1	Year
ASSESSMENT	Critical	2025

Garp Pumphouse Fixes ie: storm drains, drywells, etc.

Garp Pumphouse Fixes ie: storm drains, drywells, etc.

$	50,000

Summary

PRIORITY	P1	Year
ASSESSMENT	Critical	2027

Well Decommisioning Tucelnuit

Well Decommisioning Tucelnuit, possible asbestos removal

$ 100,000

Summary

PRIORITY	P1	Year
ASSESSMENT	Critical	2027

Well Decommisioning Blacksage

Well Decommisioning Blacksage, possible asbestos removal

$ 100,000

Summary

PRIORITY	P1	Year
ASSESSMENT	Critical	2028

Well Decommisioning Blacksage

Well Decommisioning Blacksage, possible asbestos removal

$ 100,000

Summary

PRIORITY	P1	Year
ASSESSMENT	Critical	2026

2027

S1 - Fariview to Sawmill Rd. Sanitary Main

This main is a very critical connection in the sanitry collection network, 300mm VCT pipe has passed it's anticipated useful life

	General	Design	$ 5,000
	Sewer	Design	$ 40,000
General	Construction		$ 900,000
Sewer	Construction		$ 60,000

TRUE

Project: S1 – Fairview to Sawmill Road

Priority: 1 **Type:** Replacement/Upgrade
Trigger: Future Development **DCC:** 75%

Location Map

Issue

This main is a very critical connection in the sanitary collection network, and services a corridor of future development. The 300 mm VCT pipe has surpassed its anticipated useful life.

Scope

Removal of approximately 315m of 300 mm VCT. Installation 315m of 600 mm PVC including reconnection of all existing services. New connections for future development are required.

DCC Justification

This project increases the capacity of the system for long term growth. DCC portion will be determined based on the change in cross sectional area of the upgrade:

$$DCC\ \% = 1 - \frac{\left(\frac{\pi(D_1)^2}{4}\right)}{\left(\frac{\pi(D_2)^2}{4}\right)} = 1 - \left(\frac{D_1}{D_2}\right)^2 = 1 - \left(\frac{0.3}{0.6}\right)^2 = 75\%$$

Time Frame

1-3 years

Summary

PRIORITY	P3	Year
ASSESSMENT	Essential	2030

2031

W2-Park Drive Water Looping

Watermain Looping on Park Drive Between Eastside Avenue to Tucelnuit Drive, to imporve fire flow and water quality.

	General	Design	$ 7,500
	Water	Design	$ 20,000
General	Construction		$ 150,000

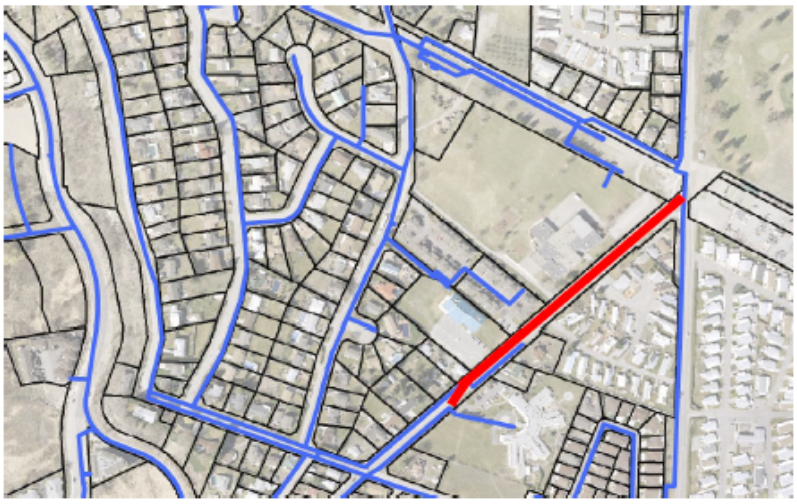
Water	Construction	$	375,000

Project: W2 – Park Drive Looping

Priority: **Type:** Upgrade

Trigger: Development

Location



Issue

As growth occurs the available fire flow at the Tuc el Nuit School decreases from approximately 140 L/s to 129 L/s in the future condition. Extra hydraulic capacity to the school is required to have adequate fire flow to a critical building in the community. After the upgrade the available fire flow capacity of the system will be greater than approximately 200 L/s.

Scope

Based on the conceptual alignment approximately 410 m of 200 mm will be required. It is recommended that the main be constructed at the same time as road re-construction and the cost estimate assumes as such.

Summary

PRIORITY	P3	Year
ASSESSMENT	Essential	2030

2031

W12-Fairview Okanagan to Kootenay

Watermain Looping for Fairview Road from Okanagan Street to Kootenay Street

	General	Design	$ 15,000
	Water	Design	$ 5,000
General	Construction		$ 75,000
Water	Construction		$ 200,000

Project: W12 – Fairview – Okanagan to Kootenay

Priority: Medium **Type:** Rehab/Replacement
Trigger: Aging Infrastructure

Location

Issue

The main is a 200 mm AC pipe and has 2 years remaining in its anticipated useful life (50 years).

Scope

Rehab approximately 220 m of 200 mm main or replace with 200 mm PVC.

Time Frame

5 years

Summary

PRIORITY	P3	Year
ASSESSMENT	Essential	2031

2032

W13-Sawmill Road Similkameen Avenue to Spruce Street

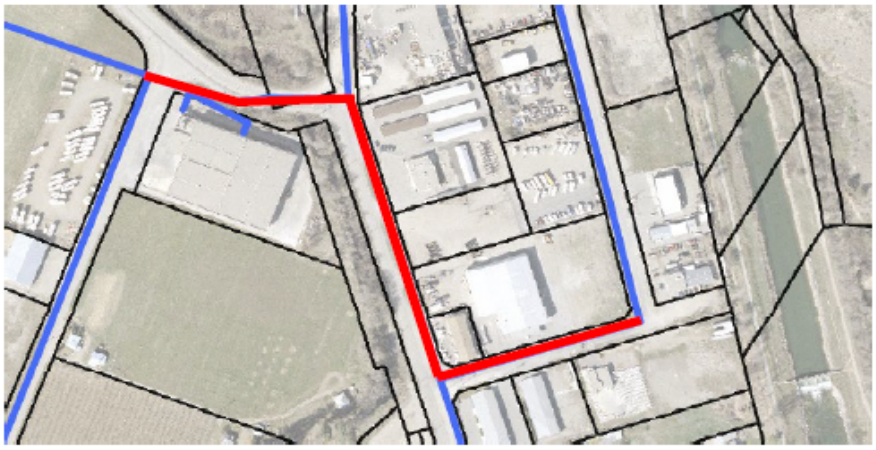
Watermain Design and construction

	General	Design	$ 5,000
	Water	Design	$ 20,000
General	Construction		$ 150,000
Water	Construction		$ 300,000

Project: W13 – Sawmill – Similkameen to Spruce

Priority: Medium **Type:** Rehab/Replacement
Trigger: Aging Infrastructure

Location



Issue

The main is a 200 mm AC pipe and has 2 years remaining in its anticipated useful life (50 years).

Scope

Rehab approximately 520 m of 200 mm main or replace with 200 mm PVC.

Time Frame

5 years

Summary

PRIORITY	P3	Year
ASSESSMENT	Essential	2033

2034

W14-Similkameen Avenue, Airport Street to Cessna Street.

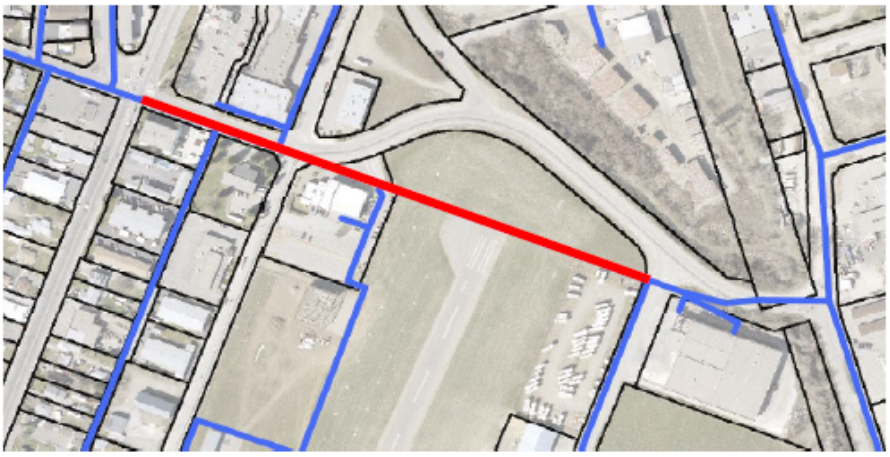
Watermain Design and construction

	General	Design	$ 5,000
	Water	Design	$ 20,000
General	Construction		$ 75,000
Water	Construction		$ 375,000

Project: W14 – Similkameen – Main to Sawmill

Priority: Medium **Type:** Rehab/Replacement
Trigger: Aging Infrastructure

Location



Issue

The main is a 200 mm AC pipe and has 7 years remaining in its anticipated useful life (50 years).

Scope

Rehab approximately 460 m of 200 mm main or replace with 200 mm PVC.

Time Frame

5 years

Summary

PRIORITY	P3	Year
ASSESSMENT	Essential	2031

2033

W11-Lakeside Drive, Metlot Ave to Eastside Ave, Watermain

Watermain Design and construction

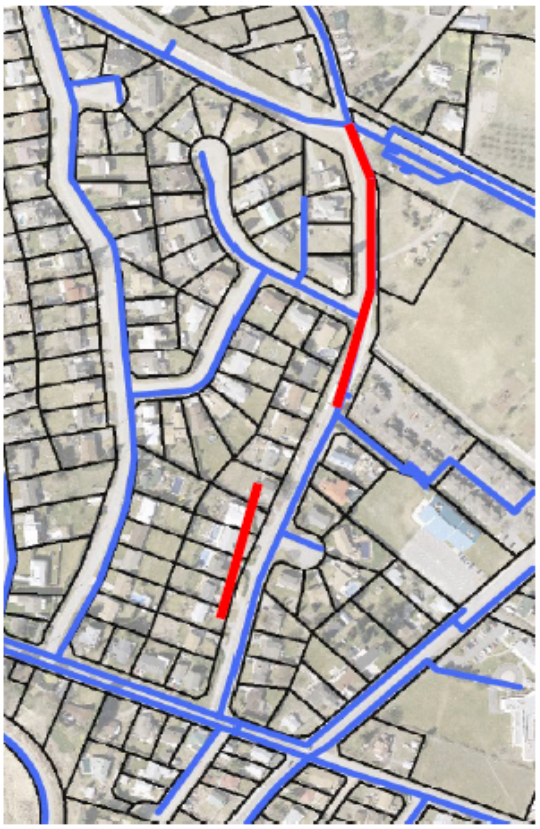
	General	Design	$ 5,000
	Water	Design	$ 20,000
General	Construction		$ 200,000
Water	Construction		$ 300,000

Project: W11 – Lakeside – Merlot to Eastside

Priority: **Type:** Rehab/Replacement

Trigger: Aging Infrastructure

Location



Issue

This section of the system is the key feed to the local hospital. The main is a 200 mm AC pipe and has 7 years remaining in its anticipated useful life (50 years).

Scope

Rehab approximately 500 m of 200 mm main or replace with 200 mm PVC. Project should be done in conjunction with road rehabilitation and is reflected in the cost estimate.

Time Frame

To be coordinated with future road reconstruction project on Lakeside.

Summary

PRIORITY	P2	Year
ASSESSMENT	Vital	2031

2032

W10-McKinney Rd. Park Dr to Hospital Watermain Replacement

Watermain Design and construction. This Section of the systrem is the key feed to the hospital. The main is 200mm AC pipe and has passed it's anticipated useful life.

	General	Design	$ 5,000
	Water	Design	$ 15,000
General	Construction		$ 150,000
Water	Construction		$ 285,000

Project: W10 – McKinney Road – Park to Hospital

Priority: High **Type:** Rehab/Replacement
Trigger: Aging Infrastructure

Location

Issue

This section of the system is the key feed to the local hospital. The main is a 200 mm AC pipe and has 2 years remaining in its anticipated useful life (50 years).

Scope

Rehab approximately 440 m of 200 mm main or replace with 200 mm PVC.

Time Frame

3 years

Summary

PRIORITY	P1	Year
ASSESSMENT	Critical	2026

Tucelnuit Pumphouse Fence

A fence is required at a minimum 30m around each well location at Tucelnuit Pumphouse, this is to prevent vehicles from parking close to the pumphouses, which would leak and increase the chance of the wells becoming contaminated. Maojr leaks can cause additonal treatments or the potential of abandonment of the wells. This is a requirement from ground water at risk of pathogens.

$ 30,000

Summary

PRIORITY	P1	Year
ASSESSMENT	Critical	2026

Hester Creek and Flow Meter

Hester Creek pumphouse piping and flow meter needs to be replaced as it has past the end of its' life expectancy and existing site conditions indicate some pipes have deteriorated to the point that they are leaking majorily. Pipe located between the pumphouse and canal intake is in bad conditon, a sink hole showed up beside the pumphouse oovertop of the intake pipe in 2025 and was filled in temporarily.

$ 250,000

Summary

PRIORITY	P3	Year
ASSESSMENT	Essential	2026

Compator Room Upgrades

Upgrade compactor room and compactor replacement as they do not make parts for the compacter we have any more, new MCC and PLC

$ 408,000

Summary

PRIORITY	P1	Year
ASSESSMENT	Critical	2027

Highlift Upgrades

Highlift electrical upgrade for service, MCC's pumps and motors.

$ 715,000

Summary

PRIORITY	P3	Year
ASSESSMENT	Essential	2035

Tucelnuit Pumphouse Upgrade

Tucelnuit Pumphouse electrical upgrade for service, MCC's pumps and motors.

$	400,000

Summary

PRIORITY	P3	Year
ASSESSMENT	Essential	2036

Hester Creek Elec. Upgrade

Hester Creek electrical upgrade for service, MCC's pumps and motors.

$	400,000

Summary

PRIORITY	0	Year
ASSESSMENT	P1	2029

Black Sage Well Rehab for 3 wells

Black Sage Well Rehab for the 3 wells, requires testing prior to rehabilitation of 3 wells.

$ 200,000

Summary

PRIORITY	0	Year
ASSESSMENT	P1	2026

Well Decommissioning Plan

Water Decommissioning Plan for Tucelnuit well #1, CPR well, Blacksage well #4 for Provincial approval to decommision wells in 2027 Source Protection Plan.

$ 30,000