

This application for asset management for civil engineering.

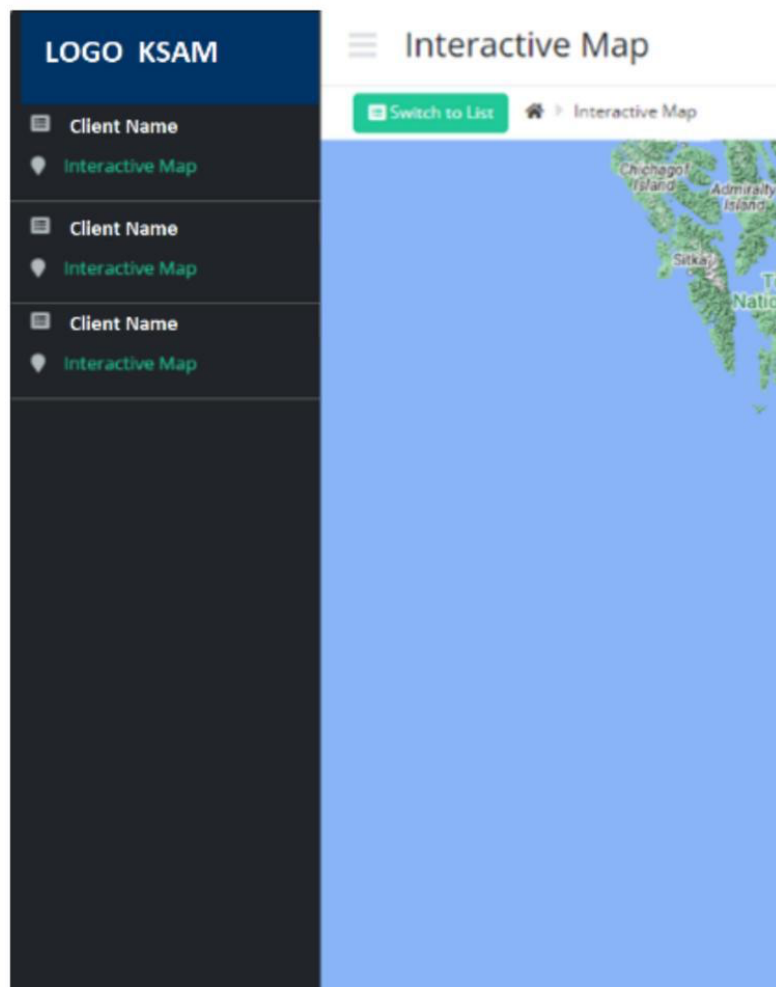
The owner will has control over the entire application (admin)

The admin can have his staff to sign up via email address to access the application

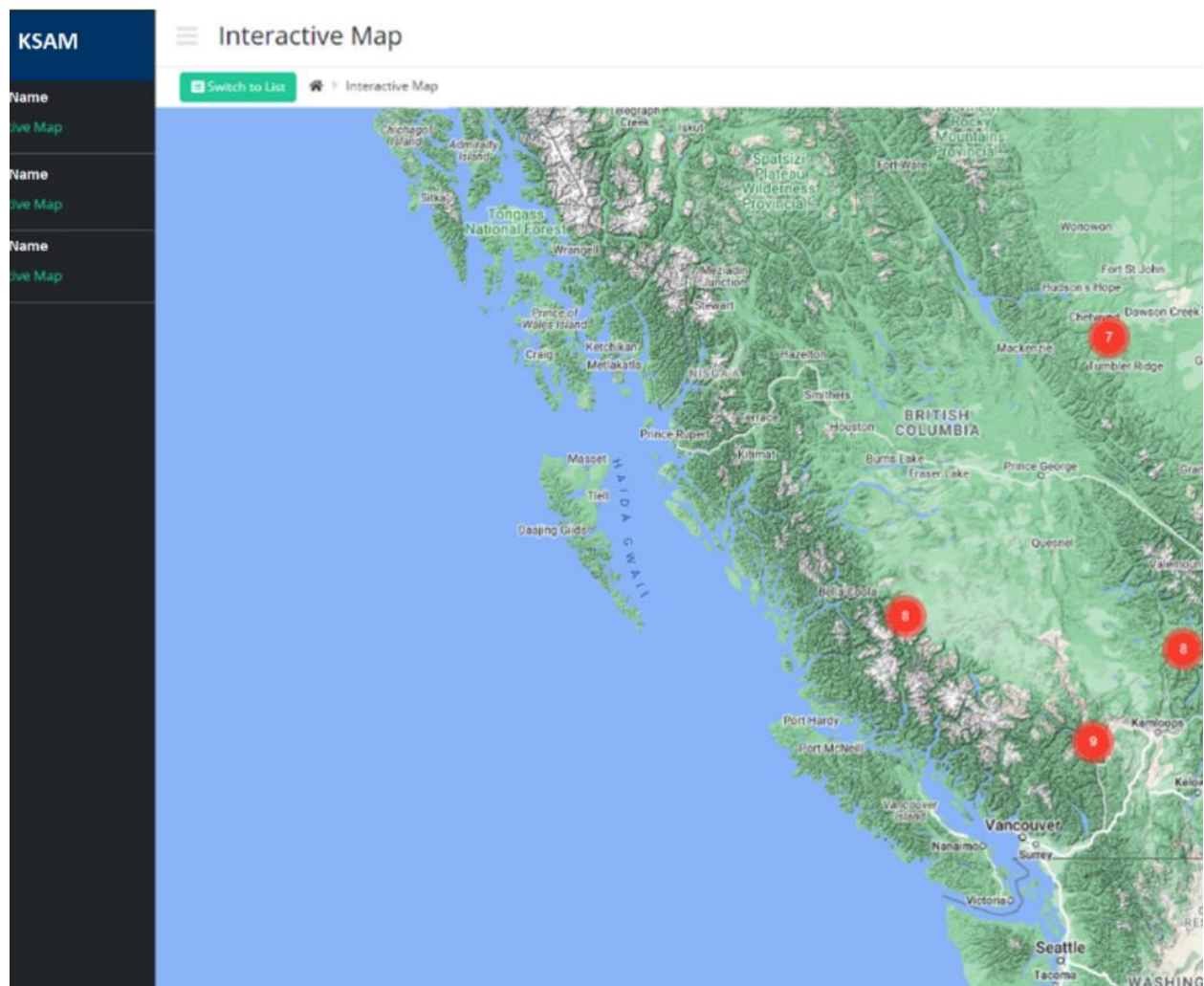
The clients can access and view ONLY their own asset - they can not change anything JUST VIEW.

So in the application, the admin can see each client's asset management projects. Each client can have more than one type of asset. This can be seen on the tool bar on the side.

Under each client name - there will be there asset management project. It can be more than one or two. We can add more projects under the same client name.

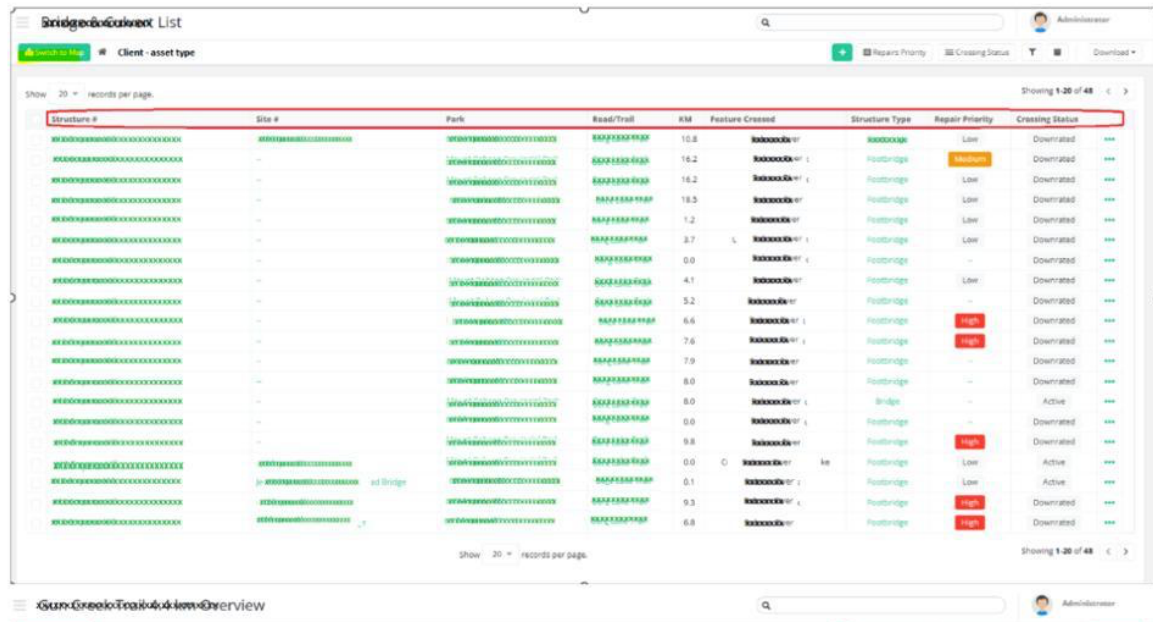


Also when we click on a clients project we can see all the location of their assets. This can be in over a country and city or province:



When click on an asset the it would open an the description of the asset.

When the click on the switch to the list - the list shows up for that specific project for the client



The screenshot displays a web application titled "Bridge & Culvert List". At the top, there is a navigation bar with a "Switch to Map" button and a "Client - asset type" dropdown. Below the navigation bar, a table lists various bridge and culvert assets. The table has the following columns: Structure #, Site #, Park, Road/Trail, KM, Feature Crossed, Structure Type, Repair Priority, and Crossing Status. The table contains 20 rows of data, with some rows highlighted in green. The bottom of the table shows a pagination bar with "Showing 1-20 of 48" and a "Download" button.

Structure #	Site #	Park	Road/Trail	KM	Feature Crossed	Structure Type	Repair Priority	Crossing Status
XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	10.8	XXXXXXXXXXXXXXXXXXXX	Footbridge	Low	Dominated
XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	16.2	XXXXXXXXXXXXXXXXXXXX	Footbridge	Medium	Dominated
XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	16.2	XXXXXXXXXXXXXXXXXXXX	Footbridge	Low	Dominated
XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	18.5	XXXXXXXXXXXXXXXXXXXX	Footbridge	Low	Dominated
XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	1.2	XXXXXXXXXXXXXXXXXXXX	Footbridge	Low	Dominated
XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	3.7	XXXXXXXXXXXXXXXXXXXX	Footbridge	Low	Dominated
XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	0.0	XXXXXXXXXXXXXXXXXXXX	Footbridge	Low	Dominated
XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	4.1	XXXXXXXXXXXXXXXXXXXX	Footbridge	Low	Dominated
XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	5.2	XXXXXXXXXXXXXXXXXXXX	Footbridge	Low	Dominated
XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	6.6	XXXXXXXXXXXXXXXXXXXX	Footbridge	High	Dominated
XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	7.6	XXXXXXXXXXXXXXXXXXXX	Footbridge	High	Dominated
XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	7.9	XXXXXXXXXXXXXXXXXXXX	Footbridge	Low	Dominated
XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	8.0	XXXXXXXXXXXXXXXXXXXX	Footbridge	Low	Dominated
XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	8.0	XXXXXXXXXXXXXXXXXXXX	Bridge	Low	Active
XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	0.0	XXXXXXXXXXXXXXXXXXXX	Footbridge	Low	Dominated
XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	9.8	XXXXXXXXXXXXXXXXXXXX	Footbridge	High	Dominated
XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	0.0	XXXXXXXXXXXXXXXXXXXX	Footbridge	Low	Active
XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	0.1	XXXXXXXXXXXXXXXXXXXX	Footbridge	Low	Active
XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	9.3	XXXXXXXXXXXXXXXXXXXX	Footbridge	High	Dominated
XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	6.8	XXXXXXXXXXXXXXXXXXXX	Footbridge	High	Dominated

When the click on each asset on the list or and the map side - it will go to a window regarding the asset and it full description - here is where we can edit the asset description.

This window will have few tabs - such as description, inspection, repair and maintenance, photos, and documents

Under the inspection this is where the eng can up load the inspection form, picture and a bit of description about the the inspection.

Under the repair and maintenance - this is where they can provide what it needs to be done and the priority of the repair / maintenance.

Under the photos/ pictures - this is where the inspection photos are saved based on the date or past, or archive photos.

Under the documents. The eng will be able to upload the as build drawings and other documents regarding the asset/


XXXXXXXXX

Overview

+

Repair

OverviewInspectionsHigh Priority RepairsDocumentsPhotos



General Information

Site NameXXXXXXXXXXXXXXXXXXXX

Structure NameXXXXXX

Crossing StatusActive

Inspection Frequency2 Years

Next Inspection2024-09-20

Repairs IdentifiedHigh priority repairs

Site Information

ParkXXXXXXXXXXXX

Road/TrailXXXXXXX

User ID4.40

Feature CrossedXXXXXXXXXXXX

Access ConsiderationsHike in

UTM5643093 N 503539 E

WGS 8450.9394523, -122.9496306

View on Map

Structure Information

Structure TypeFootbridge

Is surplus?No

Year Built2006

Length (m)27.5

Deck Width (m)1.28

Deck TypeTimber Planks

actions

XXXXXXXXXXXXXXXXXXXX

Inspections

+

Repair






OverviewInspectionsHigh Priority RepairsDocumentsPhotos

Inspection History

2024-09-20 - Next inspection due

2022-09-20 - Non-Routine inspection by XXXXXXXXXXXXXXX

Gap under sills and scour at abutments. Curb rail has been damaged by fallen trees. Fill gap under sills, install riprap and repair damaged section of curb. Monitor debris jam in downstream channel.



+ 12 more.

High priority repair

Fill gap under sills, and armour slope at RBOS. (Short Term)

Low priority repair

Replace Right Bank abutment and install riprap. (Long Term)

Medium priority repair

Replace damaged section of curb - 100x 50 x 2850 mm long.

Monitor Yearly

Debris jam downstream.

Repair Items

2022-09-20	Fill gap under sills, and armour slope at RBD5. (Short Term)	High
2022-09-20	Replace Right Bank abutment and install riprap. (Long Term)	Low
2022-09-20	Replace damaged section of curb - 100x 50 x 2650 mm long.	Medium

Monitoring Items

2022-09-20	Debris jam downstream.	Yearly
------------	------------------------	--------

Description	Type	Rev	Filetype	Date	Company
 Chikotin 4km.pdf	Inspection Report (Non-Routine)		Pdf	Sep 20, 2022	SNT Engineering Ltd.



Overview

Inspections

High Priority Repairs

Documents

Photos



Notes



Overview Photos



Photo History



2022-09-20 - Non-Routine inspection by XXXXXXXXXX

