

George Massey Tunnel Transmission Relocation Project

Metro Vancouver

George Massey Crossing Task Force

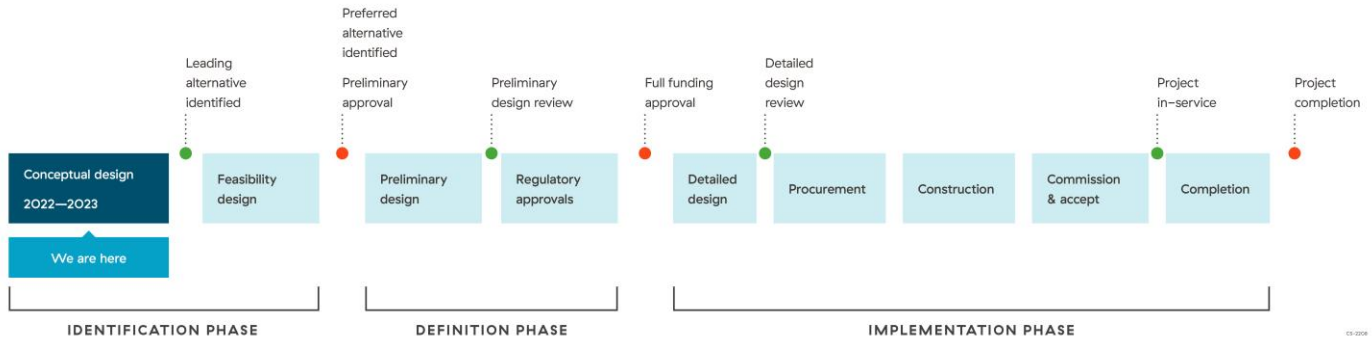
Project purpose

As a new tunnel is planned, a section of our power line needs to be relocated



- The Province proposes to replace the existing four-lane George Massey Tunnel with a new, eight-lane immersed tube tunnel
- The existing tunnel will be decommissioned by 2032, once the new tunnel is in operation
- We have a section of power line in the existing tunnel that will need to be relocated

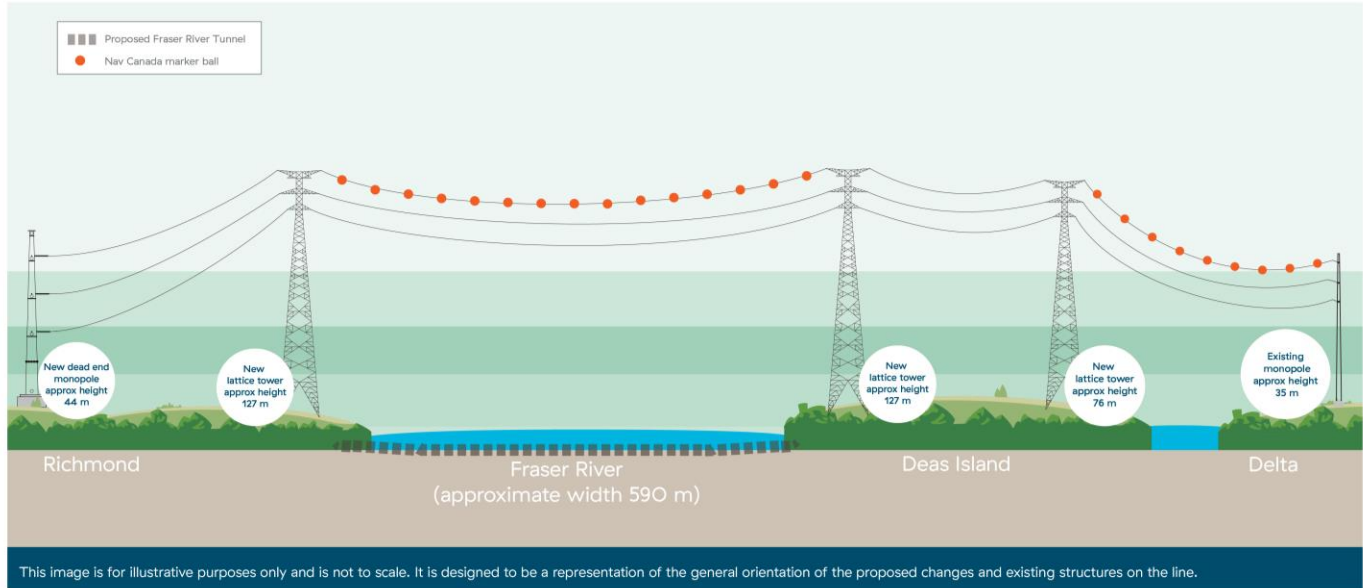
Typical project lifecycle



- This project is in its earliest days and a project timeline hasn't been established.
- We will identify an estimated project timeline after a leading alternative has been identified in 2023.

Relocation alternatives

Alternative 1: Overhead line



- A new, overhead line across the Fraser River to connect with existing overhead lines in Delta and in Richmond
- This line would be adjacent to the Province's proposed immersed tube tunnel
- Design is based on the previous project

Example of crossing structure



Existing 230 kilovolt Fraser River crossing between Richmond and Delta
View from River Road, looking north

Alternative 1 - Richmond



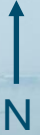
Location of
crossing
tower 127 m

Alternative 1 - Richmond



Replace with
new 44 m
monopole

Alternative 1 – Deas Island, Delta



Potential
location of
127m crossing
tower

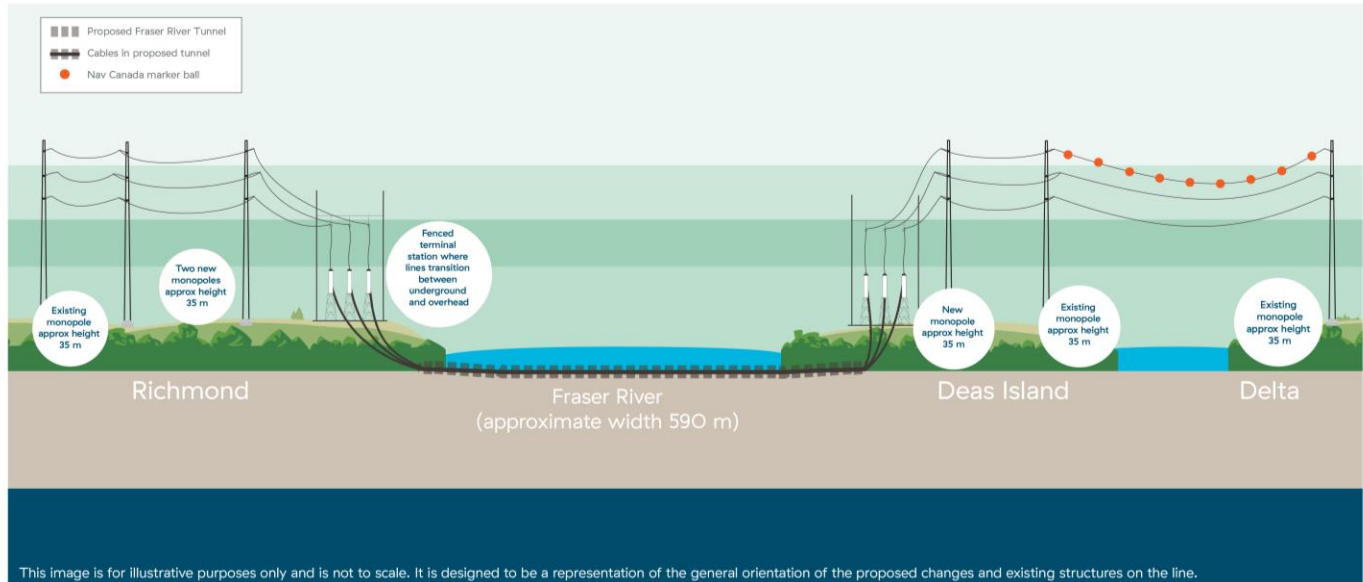
Alternative 1 – Deas Island, Delta



Potential
location of
76m second
tower

Relocation alternatives

Alternative 2: Underground line in the proposed immersed tube tunnel



- A new, underground line built within the Province's proposed immersed tube tunnel
- The placement of this infrastructure within the tunnel requires provincial approval, which is under discussion.

Alternative 2 - Richmond



Existing above-ground terminal station in Richmond (approx. 850 m²)

Alternative 2 - Richmond



Potential
location of
new terminal
station



Potential
location of
new
monopole

Alternative 2 – Deas Island, Delta



Existing above-ground terminal station on Deas Island (approx. 850 m²)

Alternative 2 – Deas Island, Delta

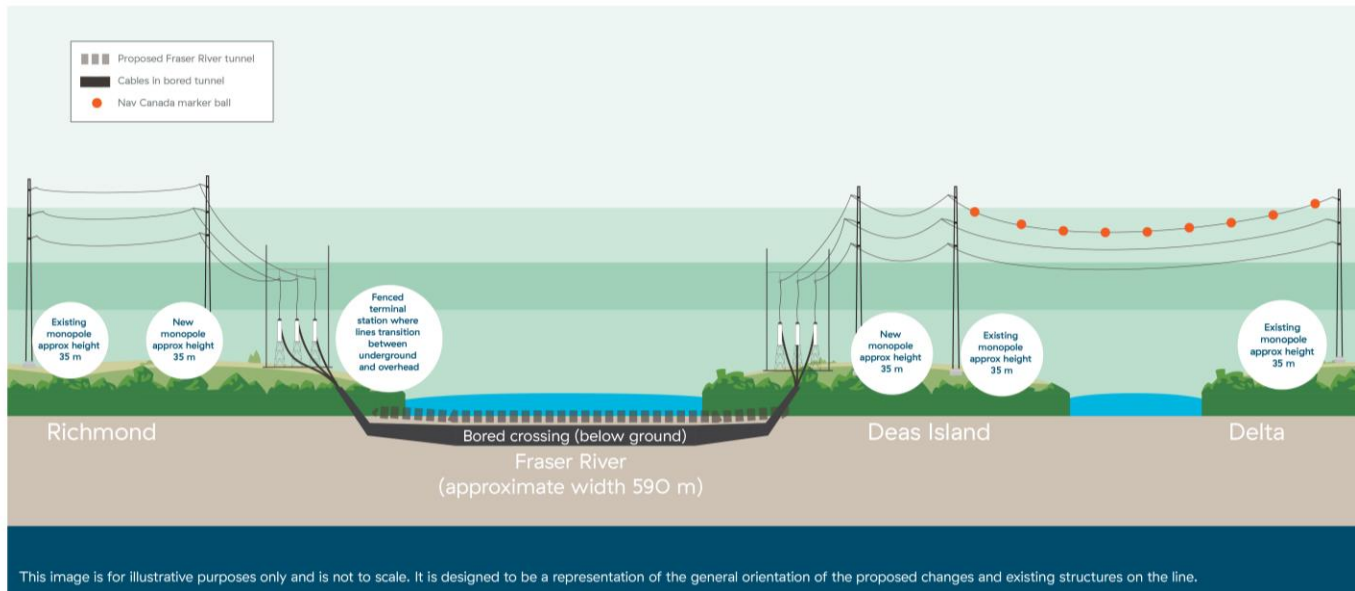


Potential
location of
new
structure

Potential
location of
new terminal
station
(approx. 800
m²)

Relocation alternatives

Alternative 3: Separate underground line



- A new underground line separate from the Province's proposed immersed tube tunnel
- This alternative has the highest geotechnical and environmental risks

Alternative 3 - Richmond



Potential
location of
new terminal
station

16 of 30



Alternative 3 – Deas Island, Delta



Location of
new
structure

Approximate
location of
new terminal
station
(approx. 800
m²)

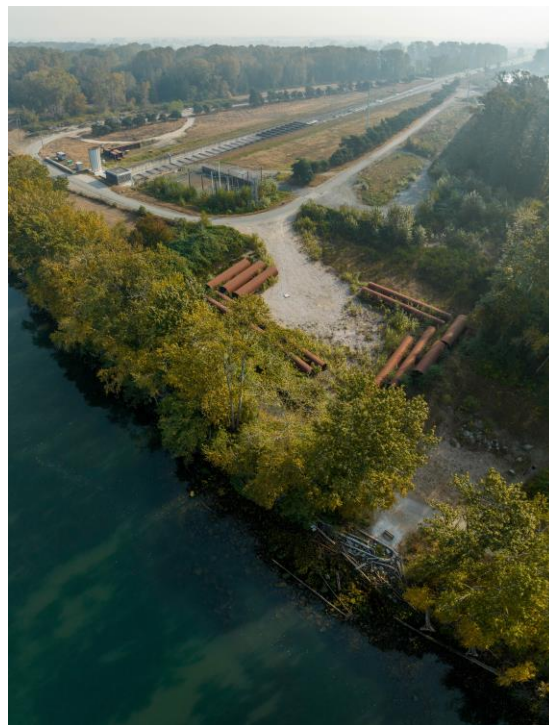
Key activities

2022

- Project launched in July
- Began consulting with Indigenous Nations
- Met with Metro Vancouver staff

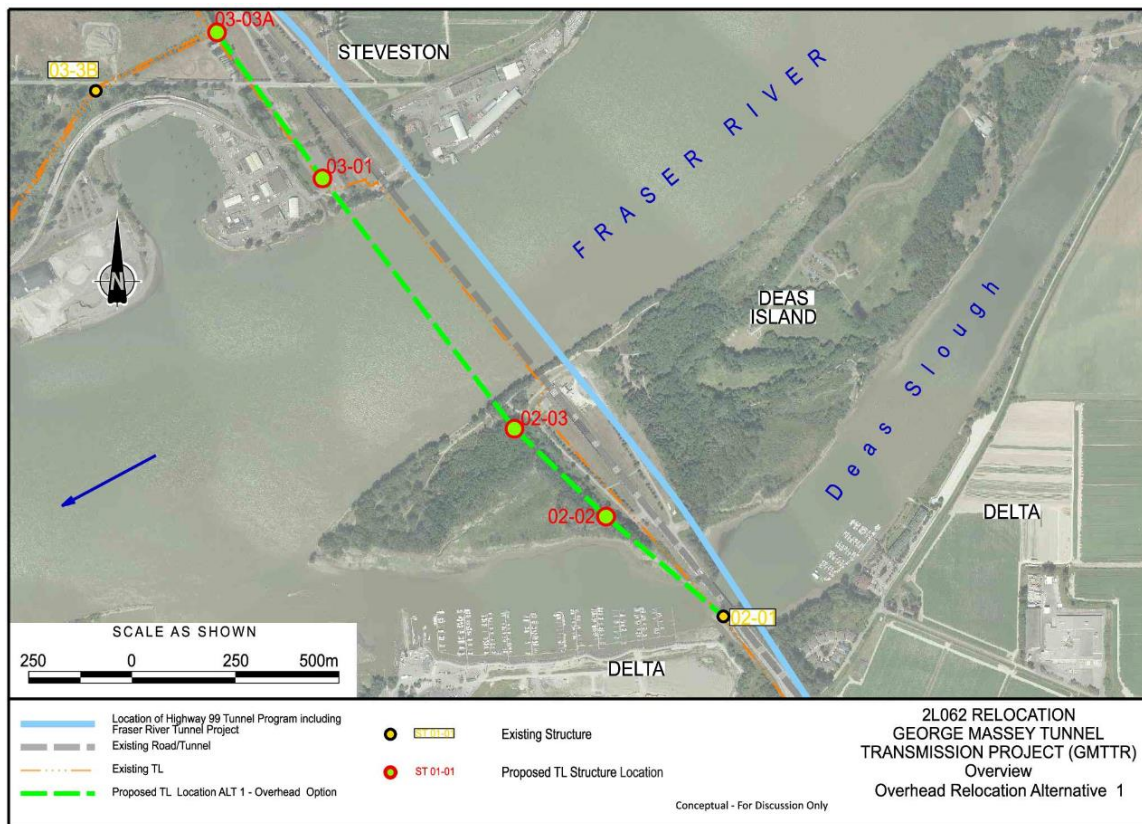
2023

- Ongoing consultation with Indigenous Nations
- Complete a high-level design concept for each alternative
- Complete draft of environmental and archaeological overview assessments
- Public engagement underway; completed 3 online open houses; online survey
- Identify a leading alternative

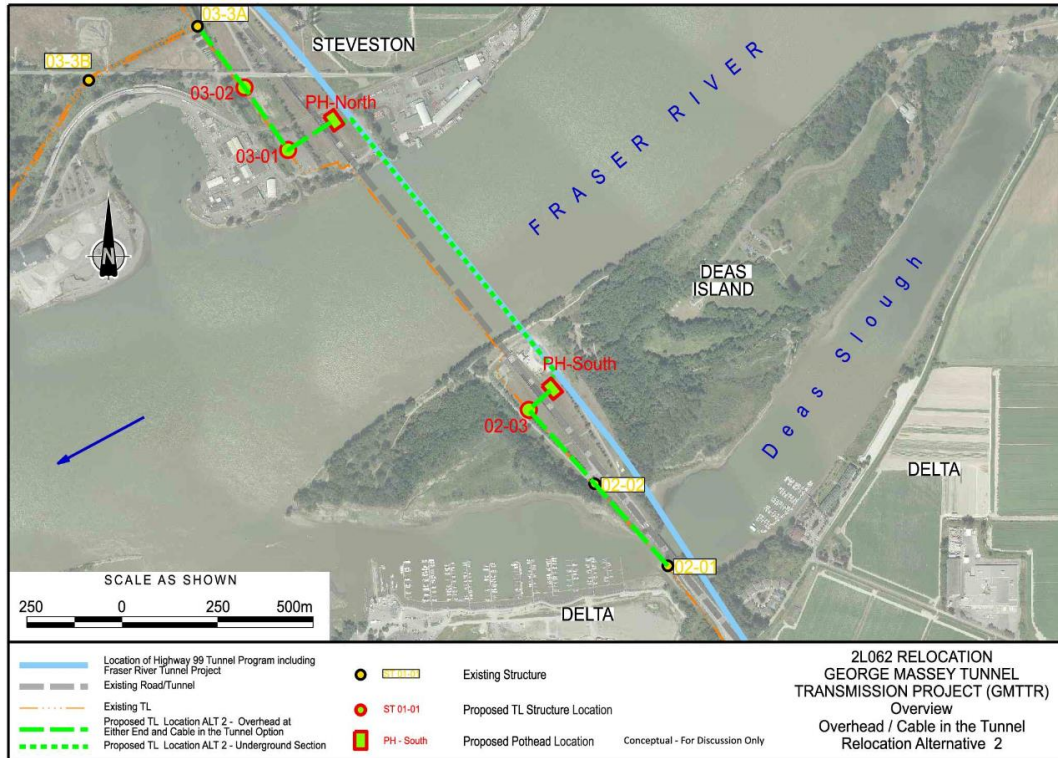


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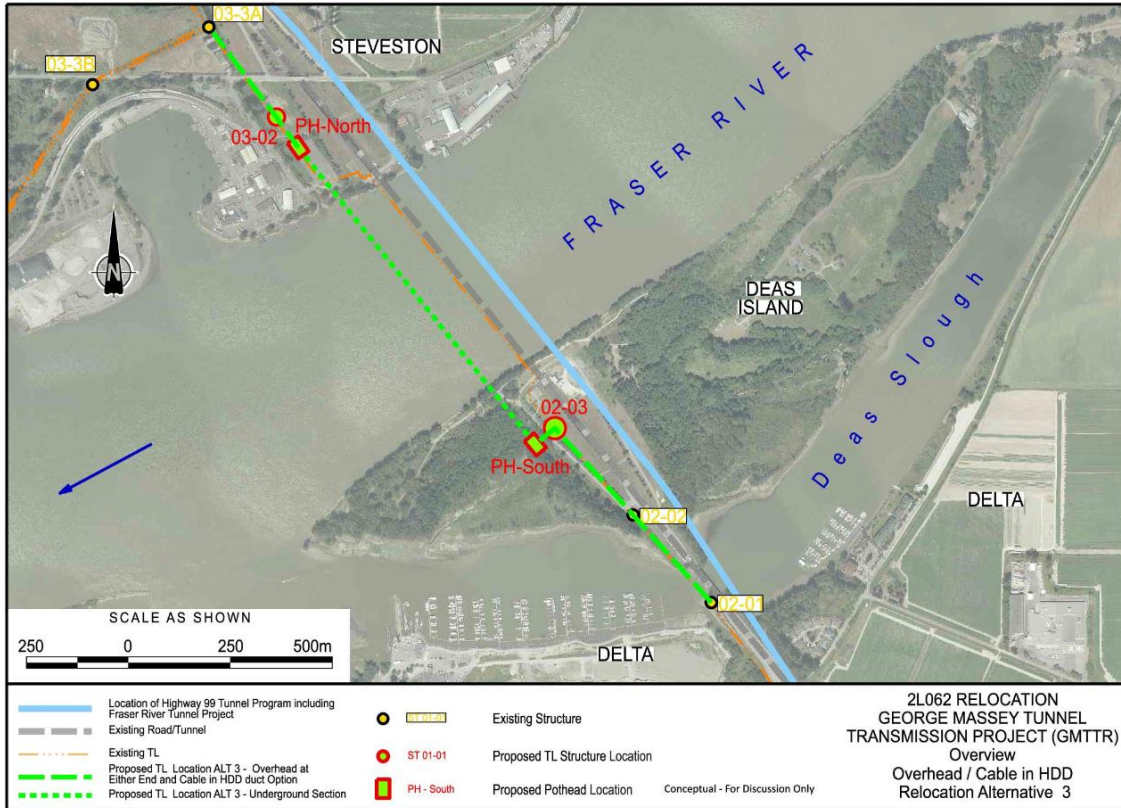
Alternative 1: Overhead line



Alternative 2: Underground line in the proposed immersed tube tunnel

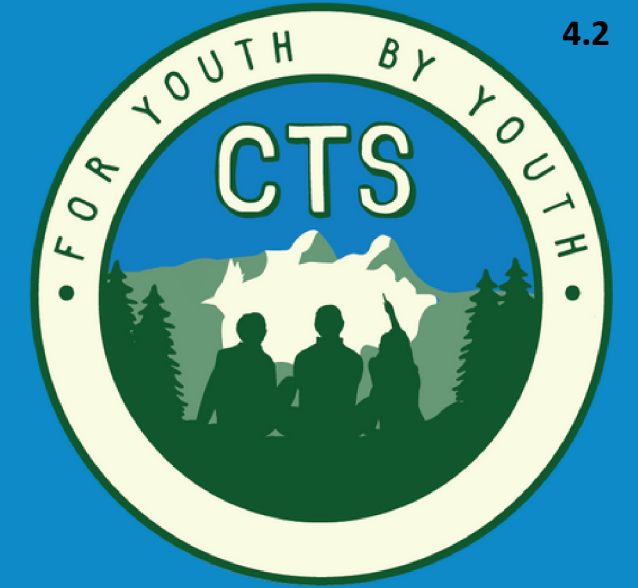


Alternative 3: Separate underground line



CTS YOUTH SOCIETY

CONNECT. TEACH. SUSTAIN.



4.2



FOR YOUTH, BY YOUTH.

CTS Youth Society is an independent charity that aims to connect every youth in Metro Vancouver with their natural environment, their community, and with each other through life-changing outdoor experiences.

Free and open to all participants, we believe that every youth deserves the opportunity to experience the joy of summer camp, regardless of their circumstances.

We began as "Catching the Spirit" in Pacific Spirit Regional Park in partnership with the Pacific Spirit Park Society in 2000.



2022 PROGRAM RECAP



506
SMILING CAMPERS

19
SUMMER CAMPS

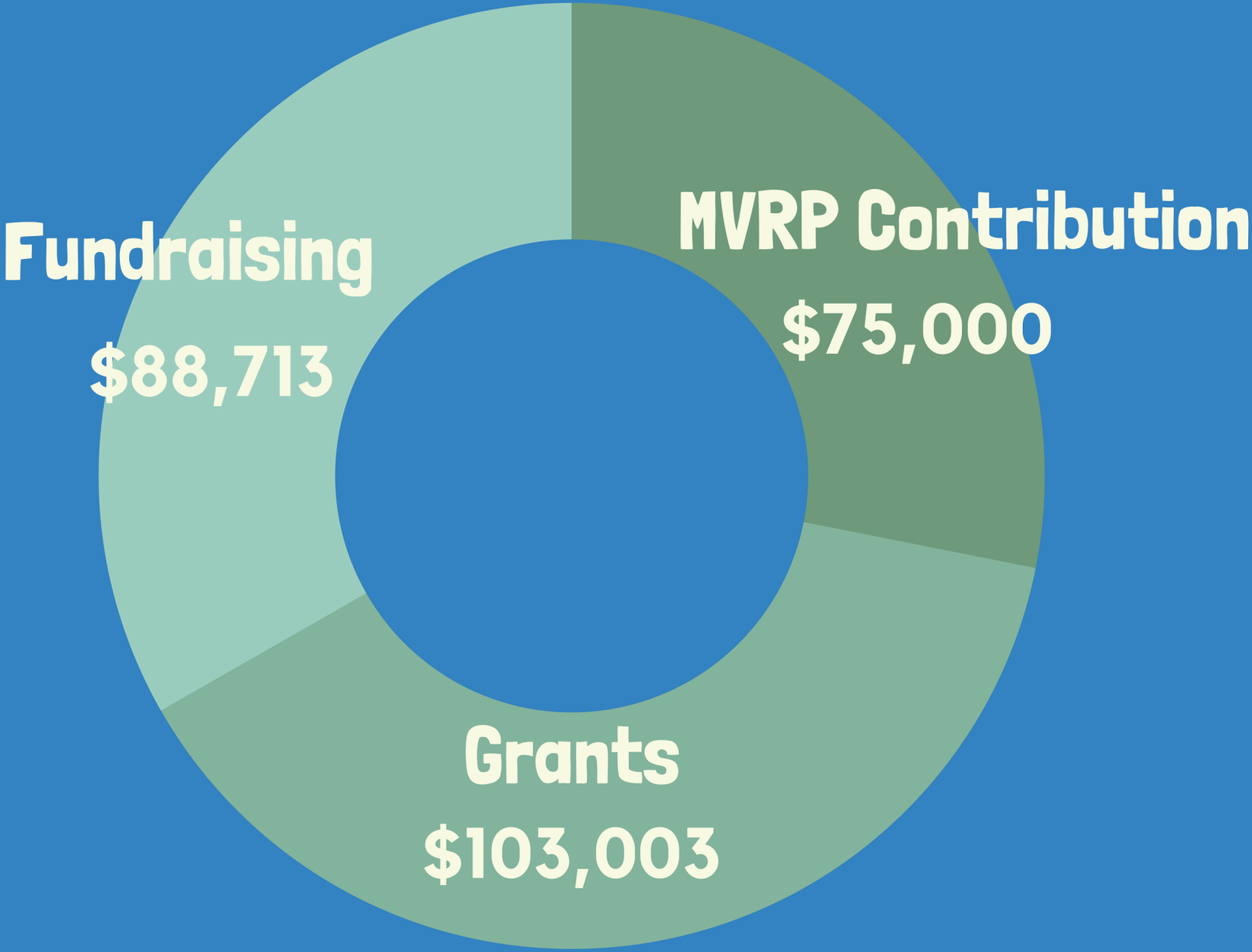
216
HOUSEHOLDS CONNECTED
WITH NATURE

1
YOUTH COUNCIL



2022 REVENUE

\$266,716



OUR DONORS & SUPPORTERS

OUR ROLE AND CONTRIBUTION

REGIONAL PARKS PLAN 2022 PROTECT AND CONNECT

Strategy 12 - Provide diverse and meaningful learning and volunteer opportunities that deepen people's connection to nature.

MVRP PUBLIC PROGRAMMING STRATEGY

Broaden Your Base: "To achieve Metro Vancouver's long-term vision of a community of engaged stewards of their environment... continue to connect with children and youth."

Invest In Youth: "Continue to invest heavily in programming with children and young adults, building the next generation of Metro Vancouver residents who are connected with, and invested in, their parks, their climate, and their environment. Expand your efforts to reach young people who come from less-served communities, **particularly those in financial need and those with limited access to nature.**"



THANK YOU!

"The really great personal development and volunteering experiences that I [received] with CTS enhanced my university and scholarship applications. It actually earned me a full ride scholarship. Thank you CTS!"

*-Bethanea Chou
Camp Supervisor & Past CTS Participant*



WAYS TO CONNECT

NEW WEBSITE LAUNCH

March 9th, 2023 - subscribe to our newsletter & social media

SEASONAL STAFF APPLICATIONS

Open now

PEER LEADER PROGRAM APPLICATIONS OPENS

April 3rd, 2023

REGISTRATION OPENS FOR SUMMER 2023

April 19th, 2023

FIRST DAY OF CAMP

July 4th, 2023



