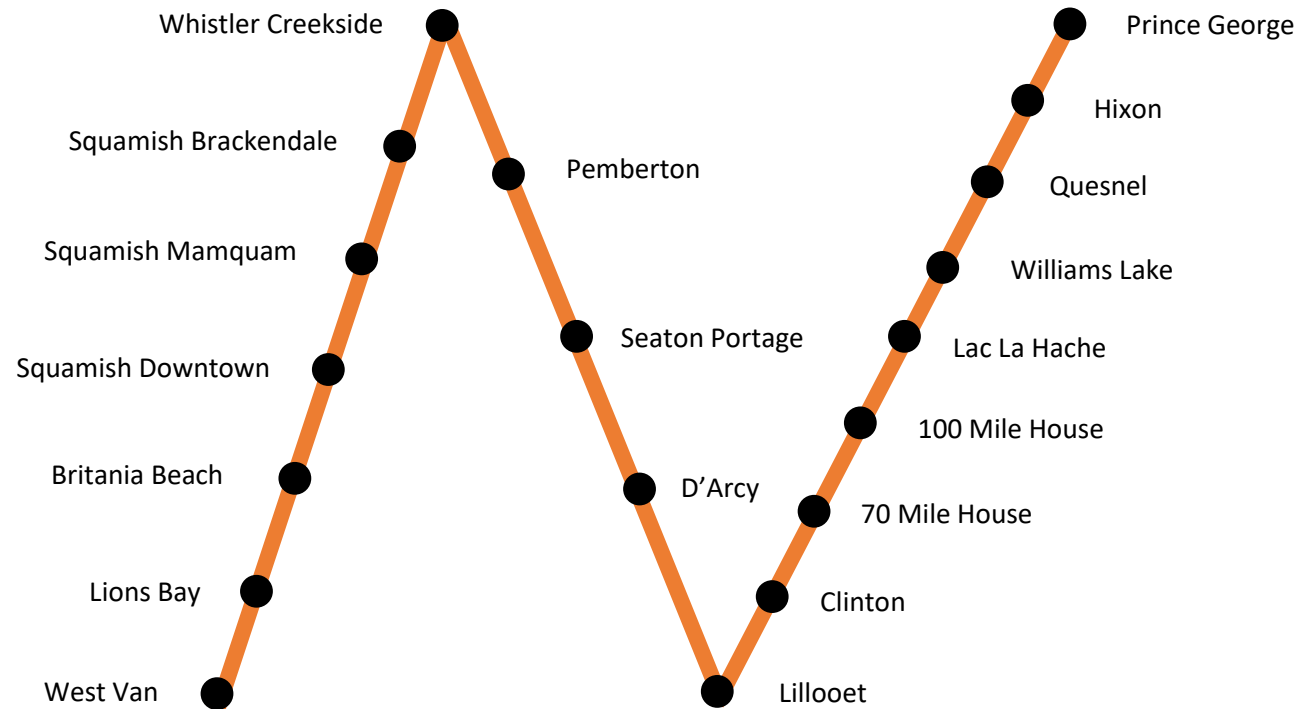


This option shows a rail passenger service from West Vancouver to Prince George.



Rolling Stock

- Two or four car Stadler Flirt Diesel/Battery are FRA compliant trains.
- Each train with one washroom carries around 235 passengers.
- Up to four - four car trains can be coupled together.
- Option: Alstom Cordia regional trains if they can be built to North American standards.



Capital Cost

- 10 Stadler Flirt four car trains (8 trains running plus 2 spares) **\$150 Million**
- Upgrade of rail line **Unknown**

Annual Maintenance Cost

- Rail line from Squamish to 100 Mile House (353km) **\$35 Million**
- Rail vehicle maintenance **\$4 Million**
- Train drivers **\$2 Million**

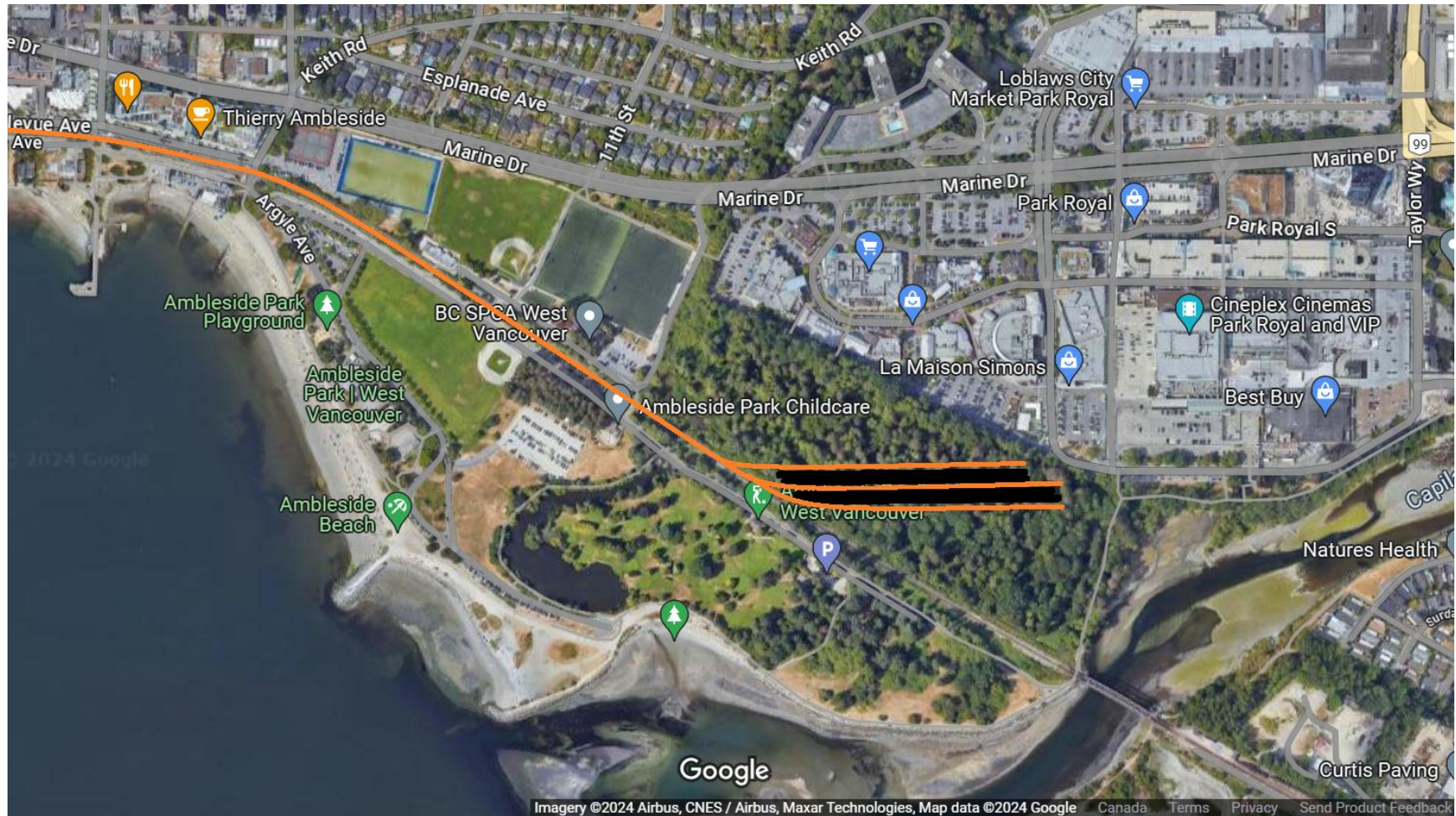
➤ Annual maintenance cost could be covered by a five cent gasoline only tax in the Regional Districts the rail line runs through.

Stations

- A Horseshoe Bay Station is not included as the rail line is at least 25m above the ferry terminal and would be in a very secluded location presenting some safety issues. Access to the ferry terminal is by the #257 bus from the West Van Station.
- All stations platforms would be 250m long and expandible to 330m.

West Vancouver (Park Royal)

- Platform 1-Lillooet Platform 2-Whistler Platform 3-Prince George Platforms at 330m long on the initial build.



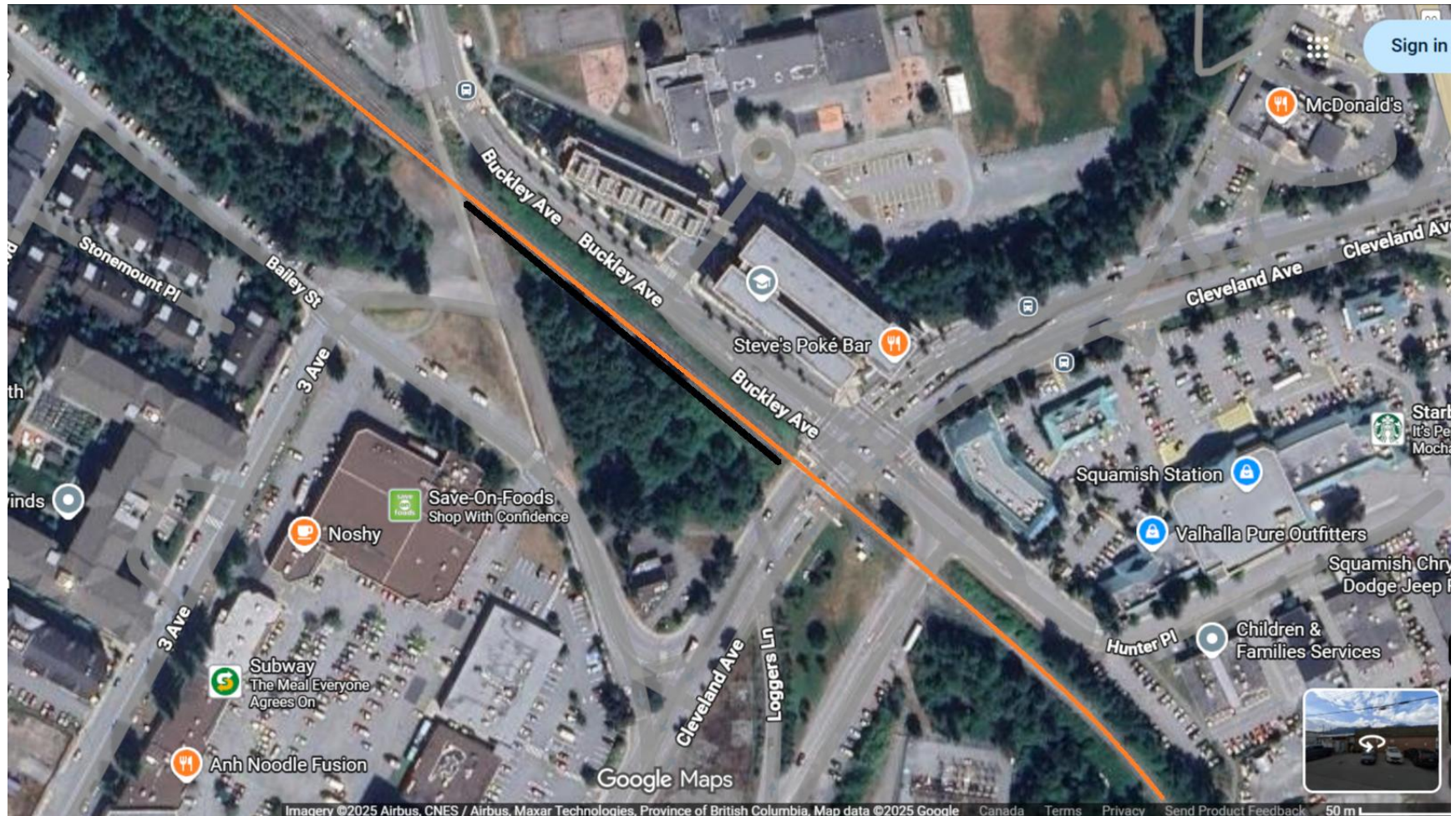
Lions Bay



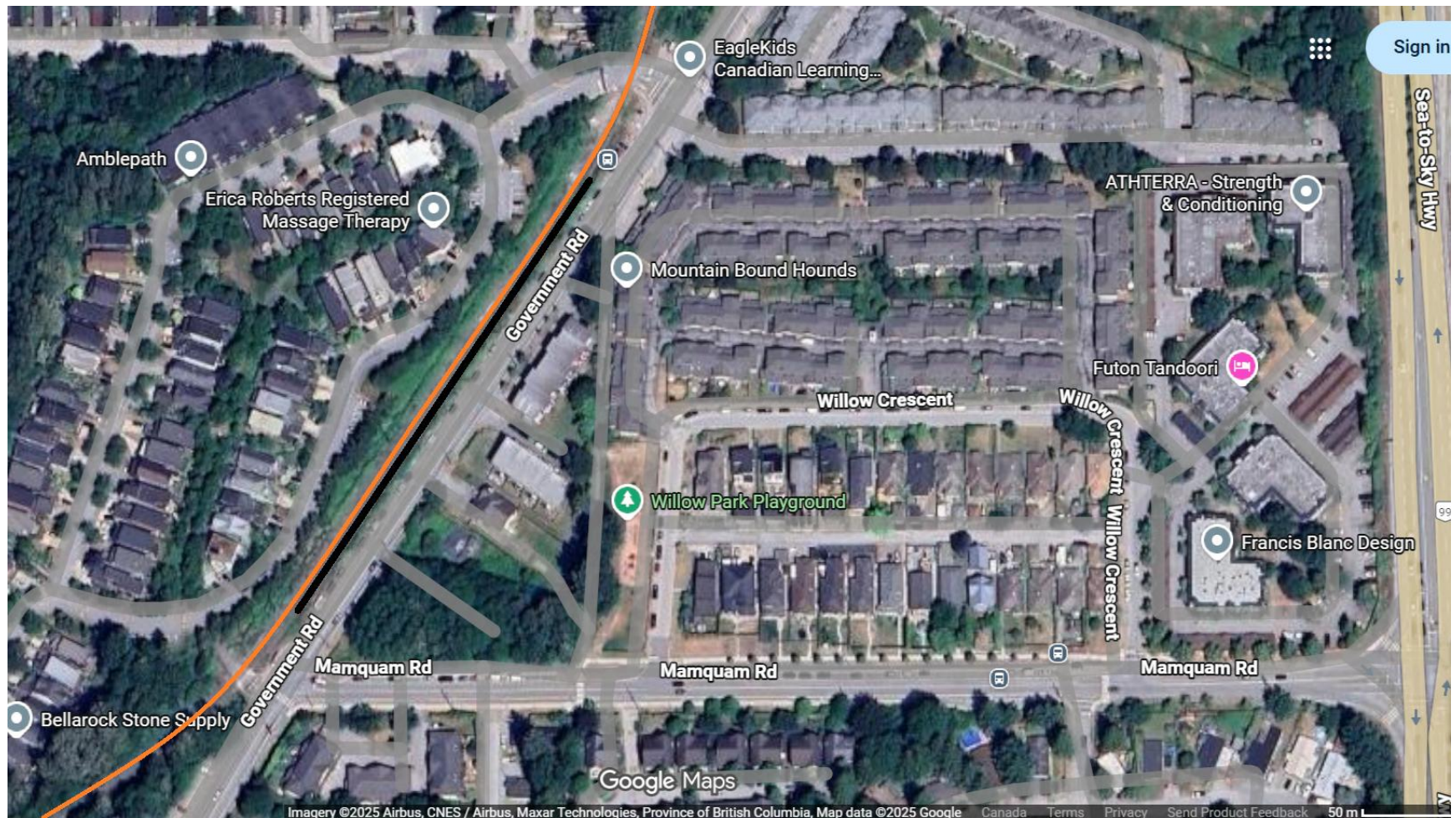
Britannia Beach



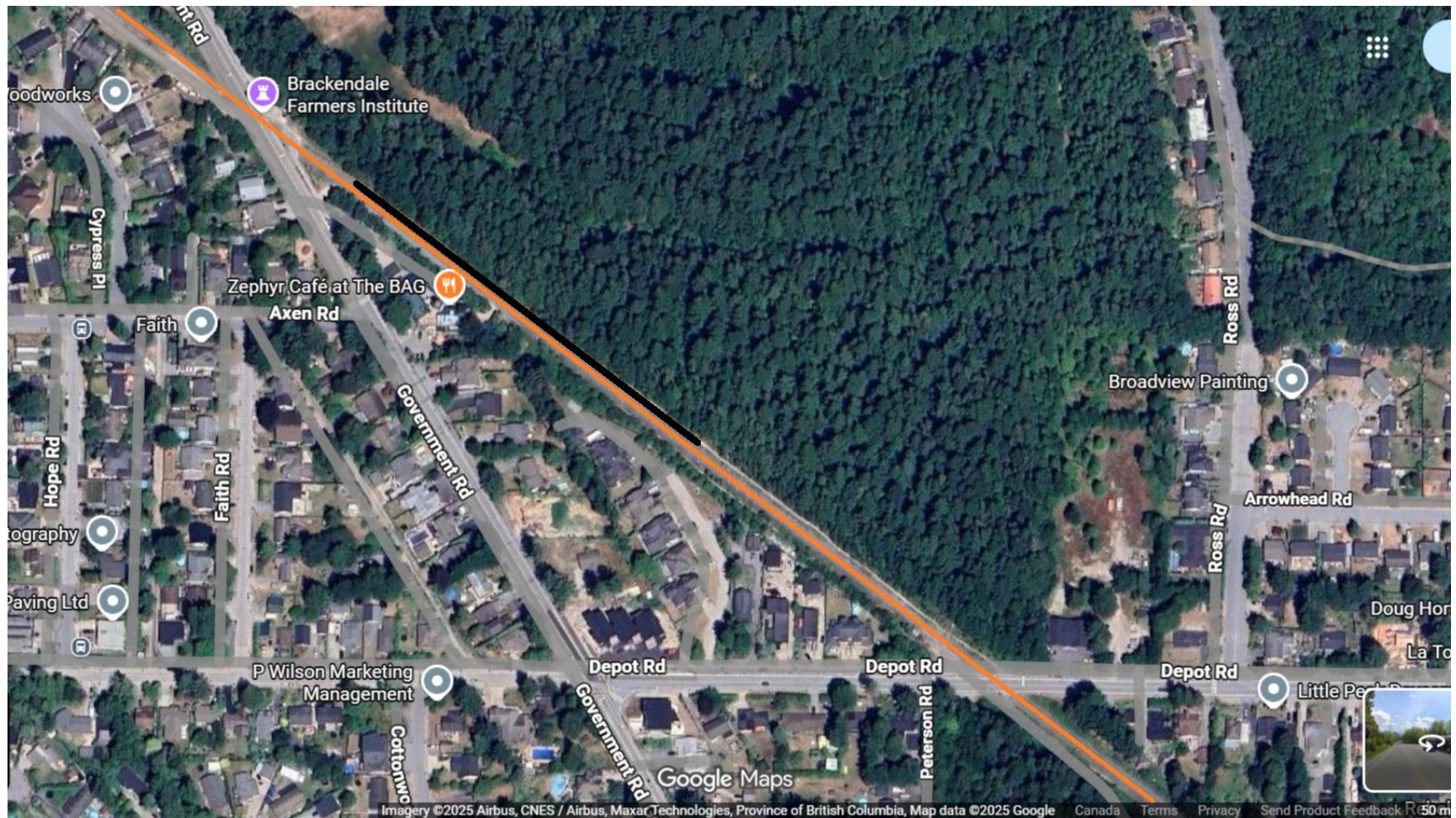
Squamish-Downtown



Squamish-Mamquam



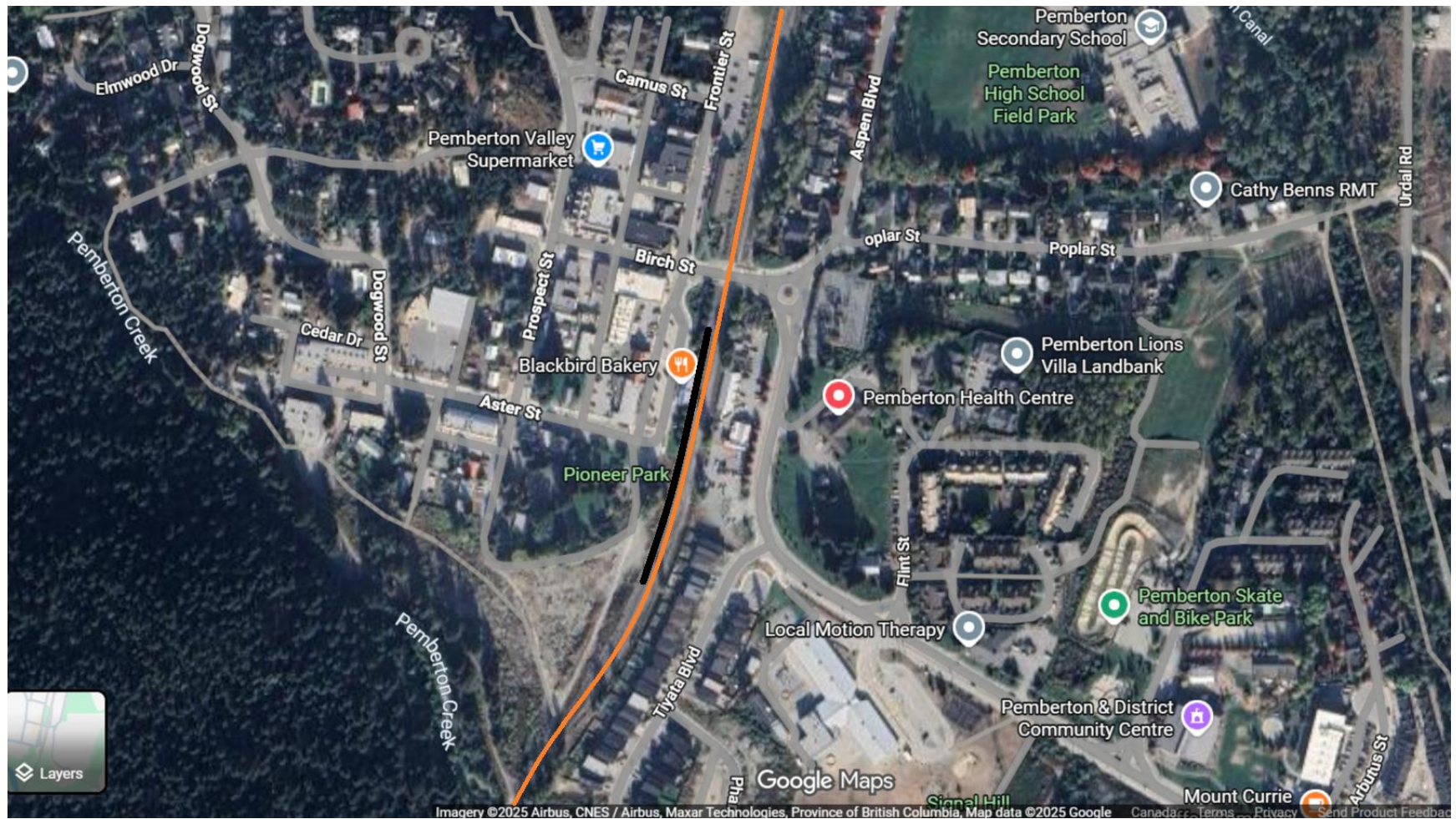
Squamish-Brackendale



Whistler Creekside



Pemberton



D'Arcy



Seaton Portage



Lillooet



Average Speed and Travel Time between Stations

- The average speed is a guesstimate at this time until further information is available.
- Any changes to the average speed will change the travel times of the trains.

Northbound				
Station to Station		km	Minutes	Avg. Sp.
West Van	Lions Bay	25.7	31	50km/hr
Lions Bay	Britannia Beach	21	21	60km/hr
Britannia Beach	Squamish DT	11.6	12	60km/hr
Squamish DT	Squamish M	4.6	5	60km/hr
Squamish M	Squamish B	4.8	5	60km/hr
Squamish B	Whistler Crk	47.2	47	60km/hr
Whistler Crk	Pemberton	34.3	35	60km/hr
Pemberton	D'Arcy	45.2	47	60km/hr
D'Arcy	Seaton Portage	26.5	27	60km/hr

Northbound				
Station to Station		km	Minutes	Avg. Sp.
Seaton Portage	Lillooet	72.8	73	60km/hr
Lillooet	Clinton	72.8	73	60km/hr
Clinton	70 Mile House	32.5	33	60km/hr
70 Mile House	100 Mile House	58	58	60km/hr
100 Mile House	Lac la Hache	22.9	23	60km/hr
Lac la Hache	Williams Lake	65.1	65	60km/hr
Williams Lake	Quesnel	113.8	114	60km/hr
Quesnel	Hixon	64.4	65	60km/hr
Hixon	Prince George	61	61	60km/hr

Total	750.5km	12hr 32min
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Southbound				
Station to Station		km	Minutes	Avg. Sp.
Prince George	Hixon	61	61	60km/hr
Hixon	Quesnel	64.4	65	60km/hr
Quesnel	Williams Lake	113.8	114	60km/hr
Williams Lake	Lac la Hache	65.1	65	60km/hr
Lac la Hache	100 Mile House	22.9	23	60km/hr
100 Mile House	70 Mile House	58	58	60km/hr
70 Mile House	Clinton	32.5	33	60km/hr
Clinton	Lillooet	72.8	73	60km/hr
Lillooet	Seaton Portage	29.7	30	60km/hr

Southbound				
Station to Station		km	Minutes	Avg. Sp.
Seaton Portage	D'Arcy	26.5	27	60km/hr
D'Arcy	Pemberton	45.2	47	60km/hr
Pemberton	Whistler Crk	34.3	35	60km/hr
Whistler Crk	Squamish B	47.2	47	60km/hr
Squamish B	Squamish M	4.8	5	60km/hr
Squamish M	Squamish DT	4.6	5	60km/hr
Squamish DT	Britannia Beach	11.6	12	60km/hr
Britannia Beach	Lions Bay	21	21	60km/hr
Lions Bay	West Van	25.7	31	50km/hr

Train Schedule: Northbound

Northbound								
Train #	West Van	Squamish D	Squamish M	Squamish B	Whistler Crk	Pemberton	Lillooet	P.G.
1	*	06:04am	06:09am	06:14am	07:01am	*	*	*
2	*	07:04am	07:09am	07:14am	08:01am	*	*	*
PG7	07:00am	08:04am	08:09am	08:14am	09:01am	09:36am	11:20am	07:36pm
3	08:00am	09:04am	09:09am	09:14am	10:01am	*	*	*
4	09:00am	10:04am	10:09am	10:14am	11:01am	*	*	*
1	10:00am	11:04am	11:09am	11:14am	12:01pm	*	*	*
2	11:00am	12:04pm	12:09pm	12:14pm	01:01pm	*	*	*
3	01:00pm	02:04pm	02:09pm	02:14pm	03:01pm	*	*	*
4	02:00pm	03:04pm	03:09pm	03:14pm	04:01pm	*	*	*
1	03:00pm	04:04pm	04:09pm	04:14pm	*	*	*	*
2	04:00pm	05:04pm	05:09pm	05:14pm	*	*	*	*
L5	05:00pm	06:04pm	06:09pm	06:14pm	07:01pm	07:36pm	09:20pm	*

Train #	Start of Day
1,2,3,4	Squamish
L5,PG7	West Van
L6	Lillooet
PG8	Prince George

Train Schedule: Southbound

Southbound								
Train #	P.G.	Lillooet	Pemberton	Whistler Crk	Squamish B	Squamish M	Squamish D	West Van
3	*	*	*	*	06:17pm	06:22am	06:27pm	07:31am
4	*	*	*	*	07:17am	07:22am	07:27am	08:31am
1	*	*	*	07:30am	08:17am	08:22am	08:27am	09:31am
2	*	*	*	08:30am	09:17am	09:22am	09:27am	10:31am
L6	*	07:11am	08:55am	09:30am	10:17am	10:22am	10:27am	11:31am
3	*	*	*	10:30am	11:17am	11:22am	11:27am	12:31pm
4	*	*	*	11:30am	12:17pm	12:22pm	12:27pm	01:31pm
1	*	*	*	12:30am	01:17pm	01:22pm	01:27pm	02:31pm
2	*	*	*	01:30pm	02:17pm	02:22pm	02:27pm	03:31pm
3	*	*	*	03:30pm	04:17pm	04:22pm	04:27pm	*
4	*	*	*	04:30pm	05:17pm	05:22pm	05:27pm	*
PG8	06:55am	03:11am	04:55pm	05:30pm	06:17pm	06:22pm	06:27pm	07:31pm

Train #	Start of Day
1,2,3,4	Squamish
L5,PG7	West Van
L6	Lillooet
PG8	Prince George

Fare Zones

Zone	1	2	3	4	
City	West Van	Britannia	Whistler	D'Arcy	Lillooet
	Lions Bay	Squamish	Pemberton	Seaton Portage	

Zones	1	2	3	4
Fares	\$3.00	\$6.00	\$12.00	\$24.00
Monthly Pass	\$90	\$140	\$190	*

Zone	5	6	7	8
City	Clinton	100 mile	Williams Lk	Hixon
	70 Mile	Lac la Hache	Quesnel	Prince George

Zones	5	6	7	8
Fares	\$36.00	\$48.00	\$60.00	\$72.00
Monthly Pass	*	*	*	*

Note: Children 12 years and under ride free. Children 5 years and under must be accompanied by someone 12 years and older.

Example: (Individual Ticket) Lillooet-West Van \$22.75 / Pemberton-Squamish \$9.75 / Squamish-West Van \$6.50

Disclaimer

The author is not a professional planner, consultant, or a member of any group. The options are an idea for a passenger rail service on the rail line from West Van to Prince George. The calculations are as accurate as possible based on information available online.