South Fraser Community Rail 

***“Hydrogen iLink Passenger* *Rail, Scott Rd. SkyTrain to Chilliwack” #connect the valley***

**Cost Comparison SkyTrain / Interurban**

**IMPORTANT NOTE RE COSTS: The following costs were identified in 2016 (dramatically increased over 2012 estimates), costs are expected to increase dramatically over the following 2016 estimates due primarily to land costs as per statements from Translink. We are using their numbers!**

**Approved Expo Millen. Can. Everg.**

Surrey LRT **(Now on Hold)** **Line** **Line Line Line**

* Length of Surrey Newton / Guildford **10.5 KMs 21.4kms 20.5kms 19.2kms 11.0kms**
* April 30th, 2018 final proj. cost estimate $**1,650,000,000. (Billion$)**
* Cost per KM **$157,142,857. Per KM! $74.8M $70.4M $111M $127M**

**NOTE – Significant Land cost per Translink (All costs are in 2012 dollars)**

Broadway Millenium Line extension to Arbutus

* Length of Broadway project **5.8 KMs**
* April 30th 2018 projected cost **$2,830,000,000. (Billion$)**
* Cost per KM **$487,931,034. Per KM!**

**NOTE – Significant Land cost per Translink**

**Projected Addition** Broadway to UBC

* Length of Broadway to UBC **7 KMs**
* 2018 estimated cost (2023 est. higher) $3,000,000,000. (Billion $)
* Cost per KM **$428,571,428. Per KM**

**Projected Phase 2 (ON HOLD)**

Surrey Center to Langley City (Est. based on current Surrey LRT, 2024 cost much higher)

* Length of line Surrey Center to Langley City **16.6 KMs**
* 2019 Estimate $**2.8 (Billion$) LRT**
* Cost per KM **$168,674,698. Per KM! LRT**
* **4 KMs Dead Zone (No population)**

**NOTE – Significant Land cost per Translink**

**NEW Surrey Center to Langley City Skytrain (based on additional cost to above)**

* **Length of line Surrey Center to Langley City 16.6 KMs**
* **2019 estimated $3,200,000,000 (Billion$)**
* **Cost per KM $192,771,084. Per KM!**
* **2 KMs through ALR (No population)**
* **Funding approved $1,600,000,000**
* **Shortfall $1,600,000,000**

**NOTE – Significant land cost per Translink**

**OR**

***“OUR PROPOSAL”* – 7.9% the cost per KM of Surrey to Langley LRT**

**6% of the cost per KM of Surrey to Langley Skytrain (Minimum)**

**20.23% of the cost per capita of Surrey LRT”**

**16% of the cost per capita of Surrey Skytrain**

**South of Fraser passenger Rail Corridor Patullo Bridge**

**(Surrey) to Chilliwack**

* **Length of line Patullo Bridge to Chilliwack “99.23 KMs”**
* **2010 Estimated Cost (Crossings/Rail upgrade,**

**state of the art Rolling stock, stations ) –**

**in 2023 dollars $1,240,375,000.**

* **Cost per KM $12,500,000. KM!**

**NOTE – NO land cost - Passenger Rail Corridor protected at no cost!**

**Per capita servicing costs based on catchment areas**

**Approved (ON HOLD)**

* **Surrey LRT**
	+ Population of Surrey Newton / Whalley / Guildford 300,910
	+ April 30th 2018 estimated cost $1,650,000,000.
	+ **Cost per Capita** **$5,483**

**Projected Phase 3**

* **Surrey Center to Langley City LRT (Estimate based on Surrey LRT costs)**
	+ Population of Langley City / Willoughby */ Clayton /* Brookswood, 510,698

Murrayville & Surrey less S. Surrey.

* + April 30th 2018 estimated cost $2,608,571,426.

Using Surrey LRT numbers.

* + **Cost per capita** **$5,107.85**
* **Surrey Center to Langley City Skytrain (Estimate based on Surrey LRT costs)**
	+ Estimated Cost 3,400,000,000
	+ **Cost per capita** **$6,657.55**

***“Our Proposal”***

* **State of the Art South of Fraser Passenger Rail Corridor**
	+ Population of area Patullo Bridge to Chilliwack 1,200,000
	+ Based on 2010 Leewood projected cost plus inflation $1,240,375,000.
	+ Cost per capita **$1,033.64**
	+ Does not include servicing 7 University Campuses,

Abbotsford International Airport (677,000 passengers

Annually), agri-tourism and Industrial Parks.