

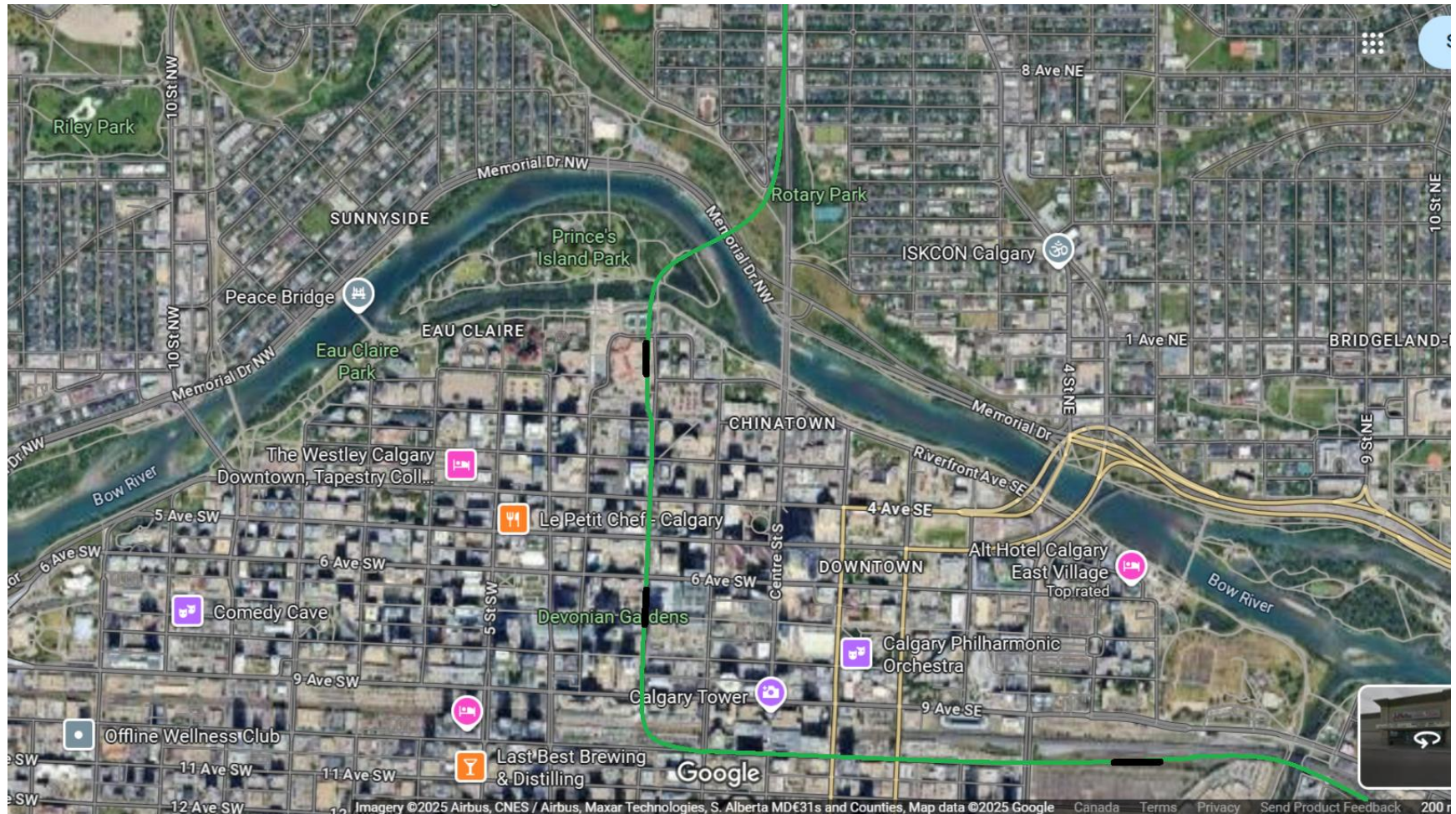
Calgary Green Line Downtown Elevated

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This idea is for a compact elevated guideway on the Calgary Green Line downtown section. It may be possible to eliminate the Catenary in the downtown core by having batteries in the LRV.



Calgary Green Line Downtown Elevated

- The Grande Central Station and the 7th Ave SW Station would be as mentioned in the AECOM Report. The 800m walkable distance to a Skytrain Station is the parameters Metro Vancouver uses. Most of the downtown core is within 800m of the 7th Ave SW station. A station at Eau Claire would be only 500m from the 7th Ave station so it may not be required. If an Eau Claire station is included then a Metro Vancouver style station may be a better option.
- Extending the Plus 15 at the south end of 2nd St SW across the CPKC tracks to 10th Ave SW would replace the need for a station on 10th Ave SW. The 10th Ave station would only be 330m from the 7th Ave station and not having a station would allow the guideway along 10th Ave to be lowered to the minimum height required above the road.
- It may be possible to eliminate the catenary between Grande Central and 7th Ave SW by having batteries in the LRV.
- The cost for the Green Line from Grand Central to 7th Ave (1.5km) is around \$600 million.

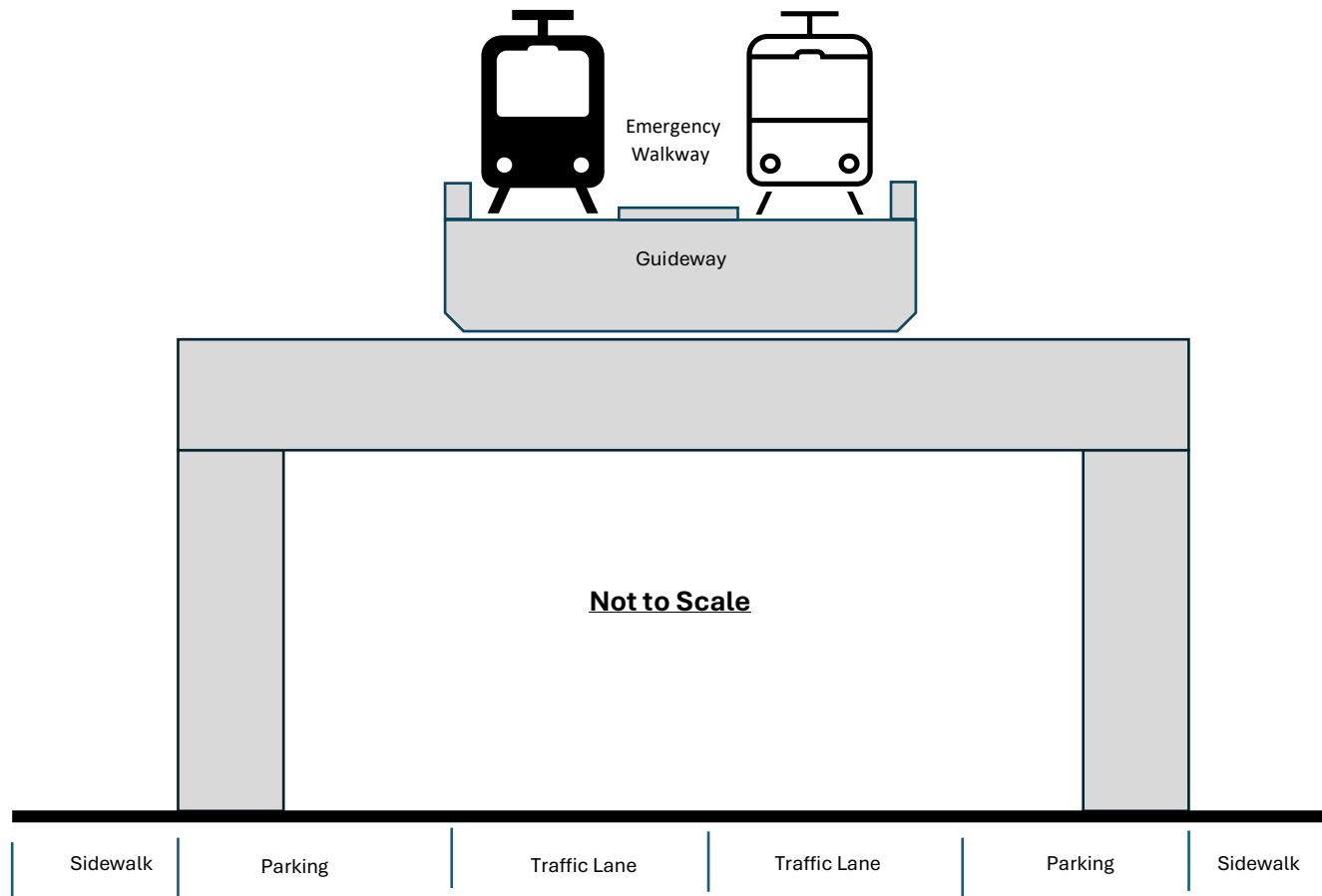
Compact Guideway

- This Google street view shows the Skytrain guideway on top of a cross beam on the Lougheed Hwy.

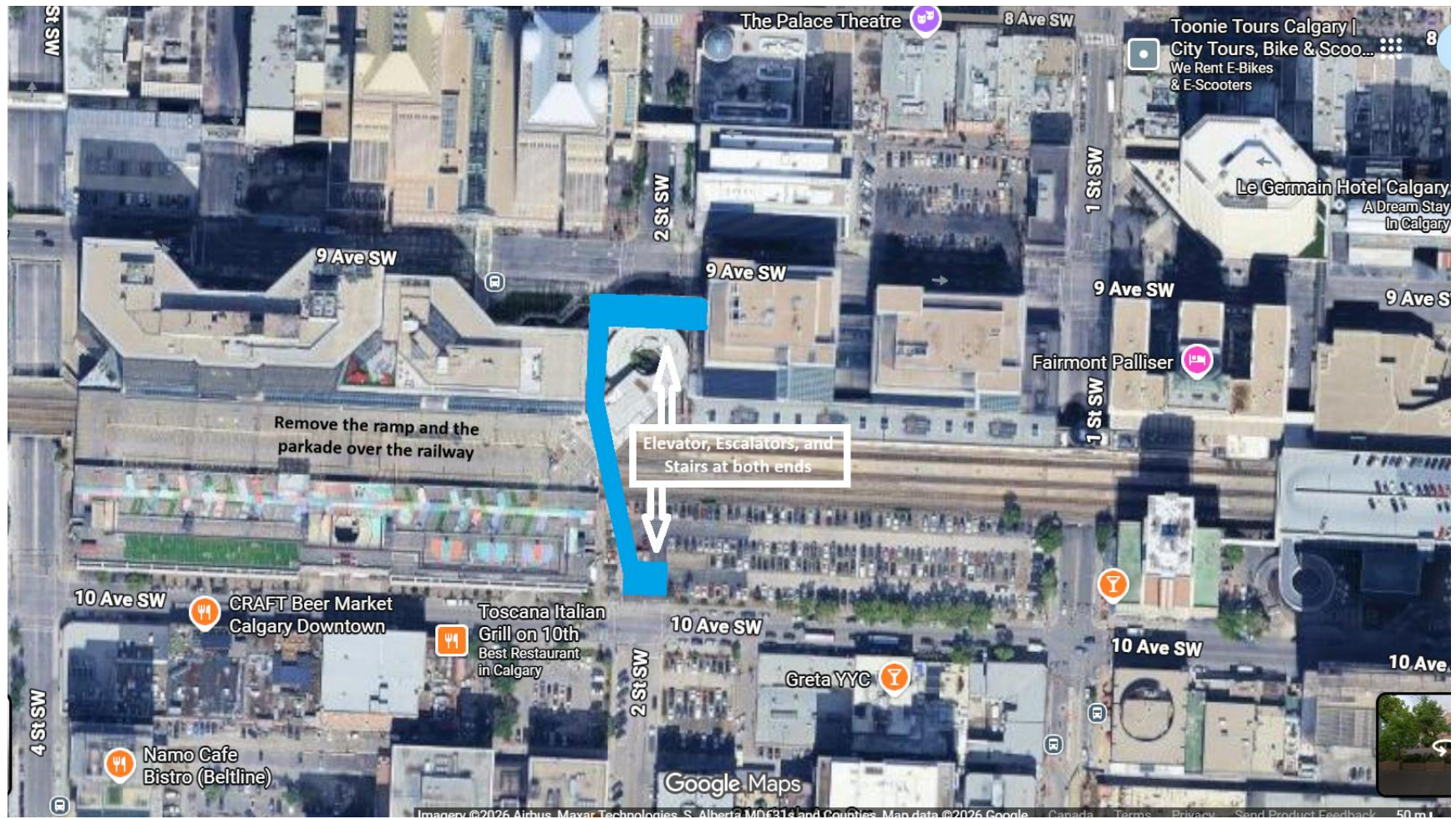


Compact Guideway for 10th Ave and Parts of 2nd St SW

- The support columns are placed in the street parking area, and the guideway can be centred above the road.
- It may be possible not to have overhead catenary between the Grand Central Station and the 7th Ave Station by having batteries in the LRVs.

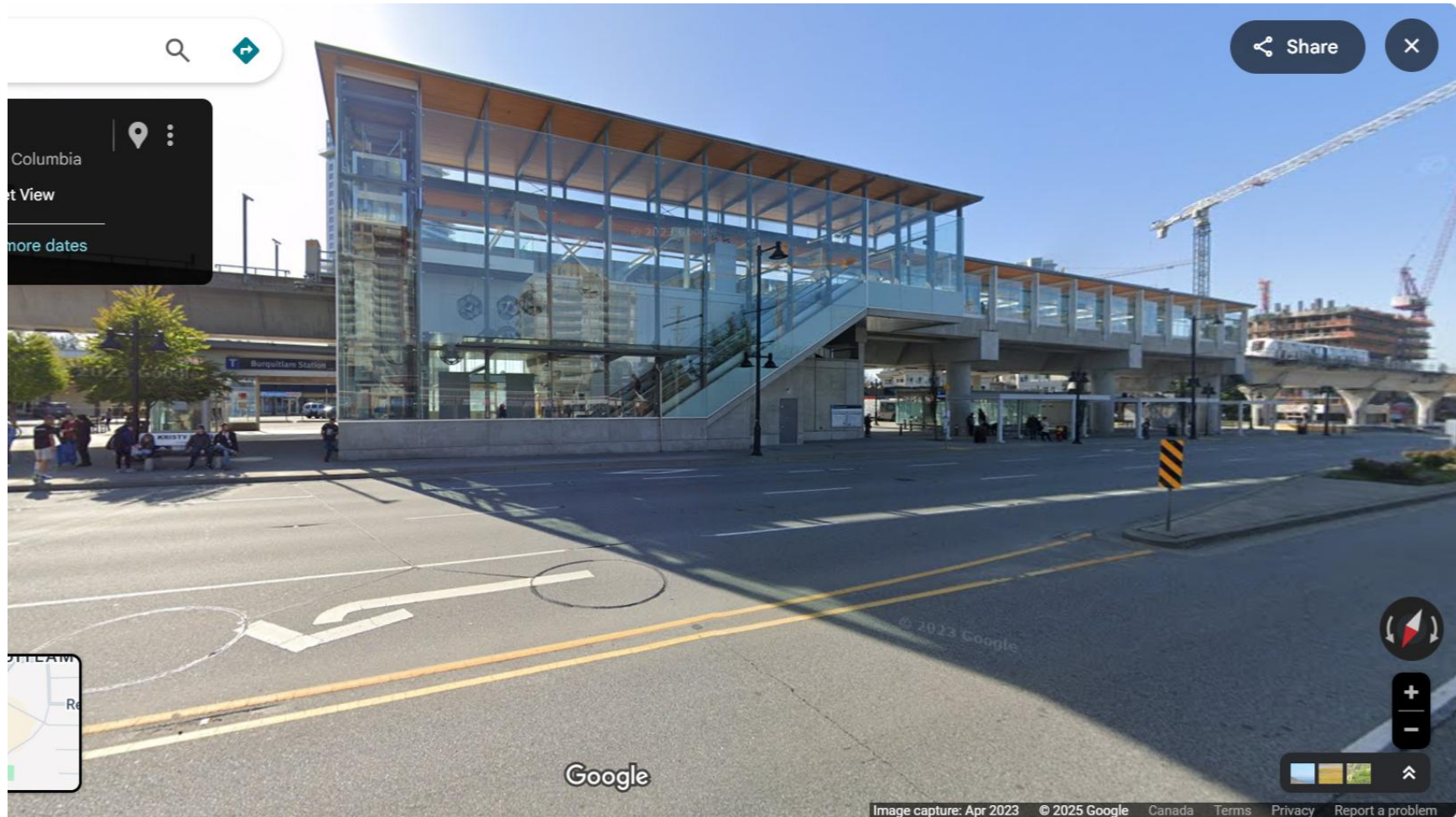


Beltline Plus 15 Skywalk Access



Metro Vancouver Style Station Beside the Road

- Option for an Eau Claire station if required.



Disclaimer: The author is not a professional planner or consultant. This is an idea for the Calgary Green Line Downtown section. The calculations are as accurate as possible based on information available.