



Vancouver Airport Fuel Delivery Project 2020 Q3 – Seasonal Construction Update

September 18, 2020 – Further to our project update in June, we are pleased to report that construction activities have been progressing well on the Aviation Fuel Pipeline, the Fuel Receiving Facility and the Marine Terminal.

Pipeline work has been completed in all sections, with one section remaining: Bridgeport Road, which is now under construction. In total, 12 kilometres of the 13-kilometer line have been installed.

The Fuel Receiving Facility continues to progress with construction of the on-site storage tanks as well as several smaller earth work projects.

The Marine Terminal work is continuing with marine works construction, including pile driving and foreshore improvements. Work is also underway on the ground improvement area, including driving of sheet piles, excavation, hauling and backfill activities.

Due to the COVID-19 pandemic and work sequencing changes, including a few months when construction is prohibited in the Fraser River, the project is now anticipated to be fully operational by mid-2022.

Construction activities, impacts and mitigations over the next 3 – 6 months include:

Aviation Fuel Pipeline

- Construction connecting the segments alongside Hwy. 99, from Francis Road to the Oak Street Bridge, was completed in early June.
- Construction connecting the segments along Francis Road, from Hwy. 99 to Savage Road, was completed in early July.
- The Bridgeport Road segment, from Gage Road to River Road, commenced construction in late August and is expected to be completed in mid-December. Some lane closures and traffic detours/delays will be in effect with Bridgeport Road closed to eastbound traffic in certain phases or zones.
 - Construction activities may result in increased noise, however construction will mainly be limited to daytime hours only. Work will commence at 7:00 a.m. and generally be finished by 5:30 p.m. Monday through Saturday.
 - Overnight work is expected for 3-4 nights while trenching under the intersection at Great Canadian Way; however, north and southbound traffic will be maintained with one lane each way.
 - Overnight work is also expected for 4-5 nights while trenching under the intersection at No. 3 Road with no thru north-south traffic until the morning hours.

As work along Bridgeport progresses, flagging personnel will actively direct traffic from high visibility locations during construction. Signage and electronic reader boards will be placed strategically to provide timely information throughout this phase. Google Maps/Directions will be updated to reflect up-to-date traffic patterns.



Fuel Receiving Facility

- Tank construction and associated hydrotesting was completed in August.
- Sandblasting and coating activities for the storage tanks are underway and expected to be completed in October.
- Civil and underground piping commenced onsite work in July and will continue for the next 8-10 months.
- Weekend work is expected to continue until November.

Marine Terminal

- Marine works construction is progressing, including driving piles for the unloading platform (ULP) and berthing dolphins as well as construction of pile caps and decking for the unloading platform
- Foreshore improvements continue, including dredging to design grade and placement of filter fabric, filter rock and rip rap
- Ground improvement area work continues with the installation of sheetpile cofferdam within the ground improvement area, excavation of existing material and backfill with sand. Activities will include hauling material to and from the project site.
- Vancouver Pile Driving (Contractor) will undertake these activities within the City of Richmond Noise Bylaw hours and only as necessary during approved work-hour extensions which include Saturdays from 8 a.m. to 10 p.m., and Sundays from 9 a.m. to 10 p.m.

RAM Consulting, the company that has been retained by Vancouver Airport Fuel Facilities Corporation (VAFFC) as the Construction Manager for the project, has worked diligently with the three main contractors and a variety of stakeholders to minimize impacts of construction for residents, commuters and businesses.

If you have any questions during project construction, please visit our website: VancouverAirportFuel.ca or contact the undersigned at RAM Consulting.

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About the Project

VAFFC is building a new fuel delivery system for Vancouver International Airport (YVR) that includes a Marine Terminal and Fuel Receiving Facility on the South Arm of the Fraser River and a 13-kilometre underground pipeline to YVR. The system will meet the fuel requirements of the airlines and airport for the foreseeable future. It will be constructed to modern building, seismic, fire and environmental codes to achieve the highest levels of safety and reliability.