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The Corporation of **THE CITY OF NORTH VANCOUVER**
ENGINEERING, PARKS & ENVIRONMENT DEPARTMENT

INFORMATION REPORT

To: Mayor Linda Buchanan and Members of Council

From: Mo Bot, Project Manager – Public Realm Infrastructure

Subject: ESPLANADE COMPLETE STREET – PAVING PROJECT UPDATE

Date: March 15, 2023 File No: 16-8350-20-0034/1

The purpose of this report is to update Council on progress made throughout the Esplanade Complete Street project corridor and next steps, including public communication plans for completing the final roadway paving works.

Phase 2 Paving Plan

The last significant project task is to complete paving from west of Rogers Avenue to St Andrews Avenue. Works will involve milling the surface, completing deep base repairs where additional damage has occurred over time, paving all lanes, and installing all new pavement markings.

In order to pave as soon as possible, while also minimizing impact to local residents, the project team is advancing a plan for daytime paving activities. Paving activities require dry weather with ambient temperatures above 10 degrees, so daytime works will allow us to capitalize on warmer daytime temperatures earlier in the season. Overnight temperatures do not typically rise above 10 degrees until into May. This also avoids highly disruptive, loud overnight works in a densely populated residential area. Works will generally begin around 9am after the morning peak hour and will work through the day until early evening.

Daytime activities will require careful management of business delivery access as well as resident access between Lonsdale and St Georges Avenues where the only vehicle access is off Esplanade. Traffic personnel will be in place to support movements through the work zone as needed. One lane of traffic will be maintained in each direction at all times.

This work includes paving of the intersections of Rogers, Lonsdale, and St Georges Avenues. Given the importance of these intersections for facilitating bus movements and access to the Shipyards and residences south of Esplanade, the paving plan will ensure only one of the three intersections is blocked for access at any point in time. A

significant number of traffic personnel will be deployed to ensure these rolling closures are properly accommodated and detours are supported for all modes.

Once paving is complete, final line markings including green paint and mobility lane markings can be installed as well as sunken cat eyes to improve lane line visibility during dark and inclement weather. Until this time, the team will continue to refresh the temporary painted markings throughout the corridor. The most recent line marking refresh was on March 10th.

Paving Communications

Due to the complexity of this paving operation, a detailed communications plan is under development. This will include a public notice mail out including a circulation map that will visually communicate what residents and businesses can expect along the corridor. While access will not be restricted, there may be periods of 20-30 minutes where access may be delayed. Public notice will include this information and encourage people to provide extra time for coming and going during the paving window, or to remove vehicles offsite for easier access if they so choose. In the event of a medical emergency, response personnel will be provided access to buildings at all times.

On-street signage will be placed one week in advance of the works around 3rd Street and Forbes Avenue, 3rd Street and Lonsdale Avenue, and Low Level/Cotton Road so drivers can adjust their routing if they desire.

Businesses will receive a direct communication notice and the team will also provide a notice to the Lower Lonsdale Business Improvement Association for circulation to their members.

Coast Mountain Bus Company will be in direct communication with the project team to ensure operators are aware of intersection access changes in real time throughout the paving activities.

All communications will be bolstered by a digital and social media campaign covering CityView News, the project website (www.cnv.org/ecs), and all social media channels.

Ongoing Works

While the project team waits for appropriate paving weather, work has begun on addressing deficiencies so there will be fewer tasks to finish after paving is completed. Deficiency work is covered under contract warranty and is included in the core contract price for the works. Typical deficiencies the team is addressing include:

- Cracked concrete issues;
- Fixing damage caused by sidewalk salt;
- Addressing missing signage or adding in additional signage if monitoring and observed behaviour warrants; and
- Finalizing irrigation connections before water systems are turned back on.

Beyond deficiencies, the weather is also warming enough to advance the remaining landscape works. Planting beds will begin to establish around the ornamental driftwood throughout the corridor, filling in the new beds and helping integrate the various landscape elements. Street furnishings including benches, bicycle racks, and garbage bins are being installed throughout the project area.

Progress Highlights – January 25 – March 13



Street furnishings are installed throughout the corridor.



Temporary lines are painted in the mobility lane east of Lonsdale.



Drain rock is added to the landscape beds to support water filtration around trees.



Bike racks are being newly installed or redeployed across the corridor.

RESPECTFULLY SUBMITTED:


Mo Bot

Project Manager – Public Realm Infrastructure