

REPORT

Engineering Department

To: Mayor Johnstone and Members of Council
Date: June 26, 2023

From: Lisa Leblanc
Director of Engineering Services
File: 05.3510.10
(Doc#2272012)

Item #: 2023-417

Subject: Train Whistle Cessation – Q2 Update

RECOMMENDATION

THAT Council receives this report for information.

PURPOSE

To provide Council with an update on the progress of train whistle cessation in the City of New Westminster.

SUMMARY

This is the Q2 2023 update to Council (through this report) and the Public (through our website) on the progress of Citywide whistle cessation.

BACKGROUND

On April 3rd, 2023, Staff provided the first quarterly update on the progress made on train whistle cessation at public grade rail crossings in the City of New Westminster. Staff have continued to advance projects and strengthen relationships with the railways and regulators through meaningful conversation, shared goals and participation in the Railway Technical Committee (RTC).

DISCUSSION

The City-led RTC held its second meeting on May 23rd, 2023. The meeting was chaired by City staff, and was attended by representatives from the Engineering Department, New Westminster Fire and Rescue Services, the four Railway companies operating in New Westminster, and the Provincial and Federal regulators. The topics discussed included rail-related Council updates, the community's interest in achieving whistle cessation, current and future rail-related projects, and information to be included on the City's website.

To date in 2023, Staff have received 20 pieces of communication related to rail. These communications have come via public delegations to Council, email, SeeClickFix, Engineering counter walk-ups and phone calls. They are categorized as follows:

2023 – Q1: 12 communications
11 – train whistling related
1 – train exhaust related

2023 – Q2: 9 communications
5 – train whistling related
4 – rail operational concerns

The updated *At-Grade Public Crossing Whistle Cessation Summary* is included in Attachment 1.

Short and Mid-Term Opportunities

The estimated date of whistle cessation (EWC) and updates to the Short and Mid Term opportunities are as follows:

Queensborough Neighbourhood

- | | | |
|--|------|-----------|
| 1. Furness Street @ Duncan Street | EWC: | 2023 – Q4 |
| a. Construction deficiency to be completed this summer, followed by engineering sign-off, completion of the crossing agreement, acquisition of the necessary insurance and then completion of the whistle cessation agreement. | | |

West End Neighbourhood

- | | | |
|---|------|-----------|
| 1. Twentieth (20 th) Street crossing | EWC: | 2024 – Q4 |
| a. Re-assignment from a public crossing to a private crossing is in the early engagement phase. Property owners have been contacted and advised of the City's interest in re-assigning the crossing. We are currently reviewing crossing agreement documents to ensure we are following proper process. | | |

- | | | |
|---|------|-----------|
| 2. Fourth (4 th) Avenue crossing | EWC: | 2024 – Q4 |
| a. Re-assignment from a public crossing to a private crossing is in the early engagement phase. Property owners have been contacted and advised of the City's interest in re-assigning the crossing. We are currently reviewing crossing agreement documents to ensure we are following proper process. | | |

Sapperton Neighbourhood

- | | | |
|--|------|-----------|
| 1. Spruce Street crossing | EWC: | 2025 – Q3 |
| b. Conceptual drawings are being finalized. Upon approval of conceptual design, we will start the detailed design phase. Subject to approval of detailed design by TransLink and rail companies, and procurement of equipment and construction contractor, it may be possible for construction to occur in 2024 and whistle cessation administrative requirements completed in 2025. | | |
| 2. Cumberland Street crossing | EWC: | 2025 – Q3 |
| a. Conceptual drawings are being finalized. Upon approval of conceptual design, we will start the detailed design phase. Subject to approval of detailed design by rail companies, and procurement of equipment and construction contractor, it may be possible for construction to occur in 2024 and whistle cessation administrative requirements completed in 2025. | | |

Long Term Projects

The following crossings are in the early stages of design analysis and will likely require comprehensive structural modifications or road/rail re-alignments, and significant capital investment, to achieve whistle cessation:

Sapperton Neighbourhood

- | | | |
|---|------|-----|
| 1. Braid Street crossing (@ Brunette Ave) | EWC: | TBD |
| 2. Braid Street (@ Vulcan St) | EWC: | TBD |

Queensborough Neighbourhood

- | | | |
|-----------------------------------|------|-----|
| 1. Furness Street (@ Ewen Ave) | EWC: | TBD |
| 3. Mercer Street (@ Ewen Ave) | EWC: | TBD |
| 4. Ewen Avenue (@ Stanley St) | EWC: | TBD |
| 5. Ewen Avenue MUP (@ Stanley St) | EWC: | TBD |
| 6. Salter Street (@ Derwent Way) | EWC: | TBD |

The above crossings are considered highly complex and resource intensive (both City and railway companies) projects that will require further examination to better understand the technical implications, resource and capital expenditure impacts, as well as

implementation timeframes. Additional information will be shared with Council, and direction will be sought, as the analysis progresses.

NEXT STEPS

Staff will continue working directly with stakeholders and through the RTC to better understand the costs and timelines for upgrading the Queensborough and Sapperton public crossings and implementing whistle cessation. This information will be used to update the At-Grade Public Crossing Whistle Cessation Summary, which will continue to be presented to Council as a part of a quarterly update process.

Staff will update the City's website on a quarterly basis with up to date information regarding progress on whistle cessation at individual crossings. Staff will continue to work with railway companies and regulators to advance the implementation of whistle cessation.

FINANCIAL IMPLICATIONS

The 2023-2027 Proposed Five Year Financial Plan includes \$1.89M to support rail crossing upgrades and whistle cessation projects, of which \$0.89M has been allocated to the 2023 approved Capital Budget. The 2023 capital budget aims to advance stakeholder engagement, conceptual and detailed design works and to advance service and equipment procurement where appropriate. This work will inform and identify the scope, risk and constraints to advance the safety works and provide information on total funding requirements.

Funding Source	2023	2024	2025	2026	2027
General Fund	\$0.89M	\$0.5M	\$0.5M	-	-

Third-party grant funding opportunities for safety upgrades through Transport Canada's Railway Safety Improvement Program (RSIP) are not currently available as the call is closed. City staff are committed to staying informed about the specific timeframes for grant application openings within the closed call system to ensure we can maximize grant funding.

Through RSIP, municipalities are eligible to receive up to an 80% financial contribution per eligible project.

INTERDEPARTMENTAL LIAISON

Engineering Services will continue working with the the City's Finance and Legal Departments to minimize the financial impacts and risk exposure to the City. Additionally, the Communications Department will be updated with advancements in major milestone progress or impactful phases of the work. The Fire Department is a member of the RTC.

OPTIONS

The following options are presented for Council's consideration:

1. That Council receive this report for information;
2. That Council provides alternative direction to Staff.

Staff recommends Option 1.

CONCLUSION

Whistle cessation is a complex, expensive and lengthy process. Implementing Citywide train whistle cessation will require dedicated staff resources, the continuation of collaborative stakeholder relationships and adequate capital funding from the City.

Staff will provide quarterly updates to Council (through reports) and to the public (through our website) on the progress of whistle cessation in 2023.

ATTACHMENTS

Attachment 1 – At-Grade Public Crossing Summary

APPROVALS

This report was prepared by:
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This report was reviewed by:
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This report was approved by:
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