



Report Number: EC2022-0360

Meeting: Executive Committee

Meeting Date: 2022 March 15

## NOTICE OF MOTION

**RE: Noise Barrier Retrofit Program**

**Sponsoring Councillor(s):** Councillor Chabot

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WHEREAS in 1984 the City of Calgary completed a grade separated interchange at the intersection of 36<sup>th</sup> Street and 16<sup>th</sup> Ave. NE

AND WHEREAS it was determined at that time that a sound barrier was warranted which wrapped around the entire NE corner of that intersection to mitigate any noise issues for the residents of the Rundle Community

AND WHEREAS subsequently the Community of Calgary Marlborough completed the residential development

AND WHEREAS in 2014 noise measurement was conducted at a home directly adjacent to 36<sup>th</sup> Street NE and the results were that a noise barrier was warranted

AND WHEREAS a subsequent measurement was conducted in 2016, which did not warrant a sound barrier. However, the sound studies that were conducted in 2016, conducted a study at a home that is not directly adjacent to 36<sup>th</sup> Street and 16 Avenue and as such, it did not meet the required sound measurement thresholds. Subsequent noise modeling was conducted in 2019 that confirmed 3 homes warranted a noise barrier

AND WHEREAS it would appear that some homes on the North West Corner of Marlborough, on the South East corner of 36<sup>th</sup> Street and 16<sup>th</sup> Avenue NE, are located in such proximity to the intersection that a sound barrier may be warranted

AND WHEREAS these homes are also directly adjacent to a light rail transit line that services the entire North East quadrant of the City

AND WHEREAS the pandemic has provided some temporary relief to the volume of automobile traffic and LRT movements. However, as the economy recovers it is reasonable to assume that the volumes and associated noise will return to pre pandemic levels

AND WHEREAS the frequency of LRT movement is projected to continue to increase as the North East section of the City continues to develop out and whereas the policy is designed to not only consider the current noise levels but also to consider the potential noise levels forecasted out for the next 10 years

AND WHEREAS there are currently 10 projects on the Noise Barrier Retrofit Program list including this project with a projected cost of 7.6 million dollars

AND WHEREAS administration recently reported to council that based on previous budgeted estimates for 2022 for Local Access and Municipal Franchise Fees that the revised estimates

are projecting a 26-million-dollar surplus that according to policy would go directly into the Reserve for Future Capital

NOW THEREFORE BE IT RESOLVED that administration be directed to re-evaluate the noise barrier warrant scores for the homes adjacent to the South East corner of 36<sup>th</sup> Street and 16<sup>th</sup> Ave. NE in the Community of Calgary Marlborough and return to Council with a report on the evaluation as well as a cost evaluation to implement the sound barrier that is considered warranted for this intersection as well as the other 9 identified projects in the Noise Barrier Retrofit Program list to be consider as part of the capital infrastructure requirements for the next budgetary cycle and

Further be it resolved that after confirming that the projected surplus in Local Access Fund and Municipal Franchise Fees for 2022 exceeds projections sufficient enough to finance all the Noise Barrier Retrofit Program projects that Administration be directed to allocate whatever percentage of the surplus to design construct and build all of the projects and report back to Council through the Standing Policy of Infrastructure and Planning for final approval of the projects no later than Q4 of 2022.