

THE CORPORATION OF THE  
**CITY OF WHITE ROCK**  
CORPORATE REPORT



**DATE:** September 9, 2024

**TO:** Mayor and Council

**FROM:** Jim Gordon, P.Eng, Director of Engineering and Municipal Operations

**SUBJECT:** Guardrail and Retaining Wall Repairs – Beachview Avenue at Vidal Street

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**RECOMMENDATIONS**

THAT Council receive the corporate report dated September 9, 2024, from the Director of Engineering and Municipal Operations, titled “Guardrail and Retaining Wall Repairs – Beachview Avenue at Vidal Street” and

1. Approve funding of \$317,000 be allocated from Capital Contingency for the repairs of the guardrail and retaining wall on Beachview Avenue at Vidal Street.”
  2. Approve the award of the Beachview Guardrail and Retaining Wall Replacement Project to GDM Construction Ltd. in the amount of \$222,361 (excluding GST);
  3. Approve the award of engineering inspection and engineering support for the Beachview Guardrail and Retaining Wall Replacement Project to GeoWest Engineering Ltd. in the amount of \$30,000 (excluding GST);
  4. Authorize the pre-approved contingency in the amount of \$44,000.00 (approximately 20%) to support the project; and
  5. Authorize the Director of Engineering and Municipal Operations to execute all contract documentation required for the project.
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**EXECUTIVE SUMMARY**

The retaining wall and guardrail on Beachview Avenue south of Buena Vista Avenue failed earlier this year. Temporary barricades are now in place. Staff arranged a detailed design and posted a tender to BC Bid to remove and install new guardrails and retaining structures along Beachview Avenue to improve public safety. Two bids were received, the lowest of which is from GDM Construction Ltd. for approximately \$222K.

Funds for this emergency repair project are not identified in the Financial Plan. A budget of \$317K is required for design, inspection and construction. It is proposed that this be funded from Capital Contingency.

## **INTRODUCTION/BACKGROUND**

The retaining wall and guardrail on Beachview Avenue south of Buena Vista Avenue failed earlier this year. Temporary barricades are now in place. Staff arranged a detailed design for the repair and posted the project on BC Bid.

Scope (Appendix A) includes:

- Remove existing failing guardrail and retaining structure.
- Install new post and guardrails.
- Install new retaining structures.
- Reconstruct partial failing road structures.

GeoWest Consultant Ltd. was retained to design the project. Subsequently, a construction tender (WR24-013 Beachview Guardrail and Retaining Wall Replacement Project) was issued to the market on BC Bid with a tender submission closing date of June 26, 2024. The City received two bids and the results are summarized in the table below.

**Table 1 - Bid Summary**

<b>Contractor</b>	<b>Price (excluding GST)</b>
GDM Construction Ltd.	\$222,361.25
Graywood Construction Ltd.	\$333.630.00

Staff recommend we proceed with awarding the construction of the project to GDM Construction Ltd.

There are currently no funds allocated for this emergency work. Staff are requesting approval to allocate \$317K from Capital Contingency leaving a balance of \$665K in Capital Contingency.

The budget amounts over the contract price are for design, inspection and contingency.

## **FINANCIAL IMPLICATIONS**

It is recommended that Capital Contingency funds of \$317K be allocated to this project, leaving a balance of \$665K in Capital Contingency.

A summary of the project budget is as follows:

**Table 2 – Project Budget**

	<b>Total</b>
<b>Requested budget</b>	<b>\$317,000</b>
Spent to date (as of August 28, 2024)	\$14,021
Engineering fees (GeoWest Consultant Ltd.)	\$30,000
Construction (GDM Construction Ltd..)	\$223,361
<b>Subtotal</b>	<b>\$267,382</b>
Contingency (approx. 20% of construction and engineering fees)	\$50,000
<b>Total Project Cost</b>	<b>\$317,000</b>

## **COMMUNICATION AND COMMUNITY ENGAGEMENT IMPLICATIONS**

Nearby residents contacted the City anxious for the work to proceed. Staff plan to contact these residents in advance of work. Also, staff will reach out on social media.

## **ALIGNMENT WITH STRATEGIC PRIORITIES**

This project is in alignment with the Infrastructure Strategic Priority that identifies that the City plan, build and maintain infrastructure to enhance quality of life and civic service delivery while mitigating and adapting to environmental impacts. Specifically, this project ensures future infrastructure resiliency by making decisions through a long-term lens.

## **OPTIONS / RISKS / ALTERNATIVES**

Council could choose not to approve the permanent repairs; however, the temporary repairs are unsightly, will require ongoing regular maintenance, and could potentially pose a liability risk by compromising public and road safety.

## **CONCLUSION**

It is recommended that funding of \$317K be approved from Capital Contingency to fund permanent repairs to the failed guardrail and retaining wall on Beachview Avenue at Vidal Street. Staff recommend that the project be awarded to GDM Construction Ltd. in the amount of \$222,361 (excluding GST) and request a pre-authorized contingency in the amount \$50,000 (approximately 20% of the engineering and construction costs) to support the project. Additionally, staff seek Council's approval to enable the Director of Engineering & Municipal Operations to have authorization to execute all contract documentation required for the project to proceed.

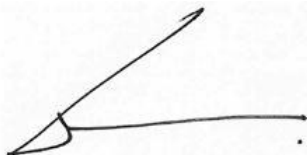
Respectfully submitted,



Jim Gordon, P.Eng.,  
Director, Engineering and Municipal Operations

## **Comments from the Chief Administrative Officer**

I concur with the recommendations of this corporate report.



Guillermo Ferrero  
Chief Administrative Officer

## APPENDIX A

### Beachview Guardrail and Retaining Wall Replacement

