



REPORT TO COUNCIL

DATE: January 21, 2019
AUTHOR: Ben Greenough, Superintendent of Public Works
SUBJECT: Transportation Network Improvement Project – Year 1 Project Report

RECOMMENDATIONS:

That Council receives this report on the completion of Year 1 of our Transportation Network Improvement Project in accordance with our FIN-005 Purchasing/Procurement Procedures and Guidelines.

The policy requires that a report be prepared for the file once a capital project is complete. The report must include an assessment of project performance, contractor performance and the long term value of the project. As this project will span 3 years, a report will be prepared at the end of each year, culminating in a final report in 2021.

STRATEGIC ALIGNMENT:

The Transportation Network Improvement project aligns with Council’s 2018-2022 Strategic Plan Key Strategic Priority of Transportation Planning and Infrastructure Development. It also supports Section 15 - Transportation of the Official Community Plan, and Council’s efforts to make the community more accessible to active modes of transportation in alignment with our Bicycle Network Plan.

BACKGROUND:

In January 2018 the Village of Queen Charlotte was received approval from the Federal Gas Tax Strategic Priorities Fund for 100% funding of a 3 year grant of \$4,070,210 for the upgrading the Village’s road and drainage network. In the summer of 2018 the Village completed year 1 of the project which included paving gravel roads, resurfacing of existing pavement and paving parking areas.

The following were included in the first year of paving and resurfacing (see mapping attached as Schedule “A” to this report):

Gravel Roads		
Location	Area	Total Project Size (M2)
10th Street Alley	Alley Westwards from 10th Street	352
2nd Avenue Alley	Alley Westwards from 8th Street	320
1st Avenue	1st Avenue from end of 8th Street	256
5th Avenue	Eastwards from 7th Street	266
1st Avenue	1st Avenue Eastwards from 6th Street	484
2nd Avenue Alley	Alley Westwards from 5th Street	385
1st Avenue	1st Avenue from 4th Street	385
1st Avenue	1st Avenue from end of Alder Street	765

Resurfacing		
Location	Area	Total Project Size (M2)
8th Street	Between Oceanview and 2nd Avenue	1853
10th Street	Between 2nd Avenue and 3rd Avenue	563
3rd Avenue	Between 9th Street and 10th Street	2155
3rd Avenue	Cul-de-sac towards 10th Street	999
2nd Avenue	From 8th Street past 10th Street	2302
5th Street	From Highway to 2nd Avenue	565
2nd Avenue	From 5th Street to 8th Street	2905
2nd Street	From Highway to 2nd Avenue	544
6th Avenue	From 7th Street towards water	519
2nd Avenue	From Alder Westwards	1123
2nd Avenue Alley	Alley Between 2nd Street and 3rd Street	1145
Alder Street	From 2nd Avenue Northwards	451
3rd Avenue (Forestry Hill)	From last fork towards end of road	565
9th Street	From Highway to 2nd Avenue	2234
Bay Street and 3rd Street	Each direction from intersection	207
Relax Road	End to end	498
2nd Avenue	Between 2nd Street and 3rd Street	50

Parking Areas		
Location	Area	Total Project Size (M2)
Village Office	Parking Lot	470
Community Club Library/Seniors Centre	Parking Lot	722
Spirit Square	Parking Lot	350
Boat Launch	Parking Lot and Ramp	670

Project Performance:

Overall the project was completed on time and under budget, which leaves room in the funding to apply the savings to the final 2 years of the project.

Plans for Year 2 of the Transportation Network Improvement Project include an extension from 2nd Avenue East of Alder Street, a culvert replacement on 4th Street, improvements to Wharf Street, and completion of Phase 3 of the By Pass Trail from the Day Park to the Community Park.

Long Term Value:

Paving the gravel alleyways and parking areas, and the resurfacing of roads in the community will add years to the lifespan of our roads. It will also reduce the workload of Public Works related to filling potholes and grading each year. We are currently monitoring the water flows on the new pavement to determine if there will be any issues with surface flooding during the rainy season. We will also be updating our Road Network Asset Management Report to reflect these changes.

Contractor Performance:

The main contractor for Year 1 of the Transportation Network Improvement Project was Adventure Paving. While we did receive some complaints related to minor damage from oil/tar on vehicles, overall the performance of the contractor was excellent and we received many compliments on the project.

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We also hired local contractors for shouldering work and other related project for a total of \$130,163 spent locally. Overall we were very satisfied with the work of all contractors on this project. The following is a breakdown of the contractors and what they were paid:

Local/Off Island	Contractor	Payment
Off Island	Adventure Paving	\$2,338,641.50
Local	Dave's Backhoe	\$51,503.55
Local	518387 BC Ltd (Dana Brady)	\$28,759.50
Local	Skidegate Inlet Construction	\$16,937.29
Local	Knotty Yew Tree Services	\$16,789.50
Local	Fred Surridge	\$12,915.92
Off Island	McElhanney	\$5,180.75
Off Island	Lidstone & Co. (Lawyer)	\$2,987.71
Local	Shorewood Forest Ltd.	\$2,785.00
Local	Benrich Consulting (Kyle Marshall)	\$472.50

BUDGETARY IMPACT (if applicable):

Transportation Network Improvement Budget			
Project Sub Categories	Budget	Expenditures	Remainder
Year 1: Paving	\$2,994,584	\$2,362,943	\$631,641
Year 2: 2nd Ave East of Alder Extension	\$462,240	\$0	\$462,240
Year 2: 4th Street Culvert Replacement	\$205,200	\$0	\$205,200
Year 2: Wharf Street Improvements	\$163,380	\$0	\$163,380
Year 2: By Pass Trail Phase 3	\$55,460	\$0	\$55,460
TNIP Total Budget (without PST)	\$3,880,864	\$2,362,943	\$1,517,921.39

Budgeted Amount: \$4,070,210**Unbudgeted Amount: N/A****SIGNATURES:**

 Ben Greenough, Superintendent of Public Works