



COUNCIL REPORT
Engineering / Public Works
For the November 26, 2019 Council Meeting

DATE: November 18, 2019
TO: Paul Gipps, CAO
FROM: Nilton Praticante, Design & Inspection Technologist
RE: Pedestrian Improvement Program – Program Update

RECOMMENDED MOTION:

THAT Council direct staff to select pedestrian improvement projects based on *Fig 4. Updated Project Priority List* as part of the City of West Kelowna's Pedestrian Improvement Program.

RATIONALE:

A detailed review of the previously adopted 10-Year Pedestrian Improvement Program was recently conducted taking into account various criteria including but not limited to: the City of West Kelowna's Pedestrian and Bicycle Infrastructure Plan, staff observations and recent resident feedback. The prioritized projects noted within the previously adopted plan are currently on schedule, largely due to increased investment made by Council in January 2018 from \$600,000 per year to \$1,200,000 per year. This report identifies an updated project list utilizing the increased budget and up to date decision criteria.

BACKGROUND:

Boulevard Transportation was engaged in 2014 to develop a Pedestrian and Bicycle Infrastructure Plan to assist in prioritizing short, medium, and long-term improvements required for active modes of pedestrian transportation. The Pedestrian and Bicycle Infrastructure Plan prioritized projects based on their proximity to major trip generators such as transit, schools and town centres. Taking into account feedback from residents and Council at the time, short-term priorities focussed on improvements to areas within close proximity to schools. The Pedestrian and Bicycle Infrastructure Plan was adopted on February 9th, 2016.

Upon review of the various project segments noted within the plan, a list of prioritized projects was developed for the 10-Year Pedestrian Improvement program. The improvements were developed with direct reference to the Pedestrian and Bicycle Infrastructure Plan, staff observations and utilizing feedback from both the public and Council at the time. The intent of the program was to improve network connectivity throughout the City and increase public safety.

Pedestrian improvements encompass a large project scope consisting of concrete sidewalks, concrete curbs, storm improvements, street lighting enhancements, asphalt remediation, landscape restoration and line painting.

The 10-Year Pedestrian Improvement Program identified a project priority list which was presented to Council at the January 24th, 2017 council meeting. With a priority placed on improving pedestrian infrastructure within close proximity to schools, the following project list was finalized and adopted by Council (C136/17):

Fig. 1 – Previously Adopted Project Priority List

10 YEAR SIDEWALK PROGRAM						
Street Name	From	To	Approximate Length (meters)	Estimated Value	Council Priority Rank	Nearest School
Webber Road	McAllister Road	Malcolm Road	169	\$288,500	2017	Glenrosa Elementary
Webber Road	McAllister Road	McRae Road	261	\$446,000	2017	Glenrosa Elementary
Daimler Drive	Old Okanagan HWY	Auburn Road	275	\$510,000	2018	Constable Nell Bruce Middle School
Ross Road	Ex. Sidewalk	Apple Green Court	218	\$372,500	2019	Mt Boucherle Senior
Ross Road	Apple Green Court	Brentwood Road	369	\$630,000	2019	Mt Boucherle Senior
McIver Road	Glenrosa Road	Mctaggart	665	\$723,000	2020	Glenrosa Middle
Webber Road	Malcolm Road	Gorman Road	361	\$616,500	2021-22	Glenrosa Elementary
Brentwood Road	Ponderosa Court	Alhambra Drive	205	\$350,000	2023	Hudson Rd Elementary
Brentwood Road	Ross Road	Ponderosa Court	388	\$662,500	2024	Hudson Rd Elementary / Mt Bou Sen
Horizon Drive Phase 1	Olympus Way	Aurora Heights	332	\$567,000	TBD	
Horizon Drive Phase 2	Aurora Heights	Covington Crescent	563	\$961,500	TBD	
Webber Road	McRae Road	McBain Road	287	\$490,000	TBD	
Old Okanagan HWY	Dobbin Road	Existing Sidewalk	364	\$621,500	TBD	
Shannon Ridge Drive	Shannon Lake Road	Shannon Place	472	\$535,000	TBD	
Gates Road*	Glenrosa Road	Helen Gorman Elem.	720	\$1,229,500	TBD	
Westlake Road	Existing Sidewalk	Parkinson Road	371	\$688,000	TBD	
Bartley Road	Pike Road	Ross Road	226	\$386,000	TBD	
Horizon Drive Phase 3	Covington Crescent	Existing Sidewalk	211	\$360,000	TBD	

* Potential development could reduce the length and estimated cost required for this section

Since adoption of the prioritized list, the noted projects along Webber Road, Daimler Drive and Ross Road have all been completed on time, on budget and within the originally established schedule. The completed projects have all been well received by the public as safety within each neighborhood has increased considerably.

Fig. 2 – Daimler Drive



Fig. 3 – Ross Road



A major contributing factor to the successful completion of the noted projects to date was Council's commitment to increase the program budget from \$600,000 per year to \$1,200,000 per year during the Council meeting held on January 16th, 2018 (C047/18). The increased budget has allowed for accommodation of escalating construction costs, project scope increases and ultimately maintaining the program schedule.

PROGRAM UPDATE

With the successful completion of the program to date, a thorough review was recently conducted taking into account various decision-making criteria including:

- 10-Year Capital Plan
- Sanitary Master Plan
- Pedestrian & Bicycle Master Plan
- Resident requests and concerns
- Feedback from Parks and Operations Staff
- Road Rehabilitation Program
- Transit Routes
- Network Connectivity

With the focus remaining on proximity to schools within the City, the short-term priorities remain unchanged. McIver Road is tentatively scheduled to be completed in 2020 as part of the capital improvements to Glenrosa Road. New sidewalks to Webber Road (between Malcolm Road and Gorman Road) and to Brentwood Road (between Ross Road and Alhambra Drive) should follow.

Referencing the original project priority list identified in *Fig. 1*, project completion dates were noted as "TBD" following completion of pedestrian improvements to Brentwood Drive. Taking into account the previously noted decision criteria, locations along Horizon Drive and Westlake Road/Parkinson Road have generated the most concerns from the public. Staff observations have identified Gates Rd (between Stonegate Court and Glenrosa Road) approaching Helen Gorman Elementary as an area of need. In addition, staff have also observed Old Okanagan Highway (between Dobbin Road and Ingram Road) adjacent to Johnson Bentley Aquatic Center as an area seeing a high volume of pedestrian use.

It is important to note that several areas along arterial roadways have also been identified as problem areas, specifically locations on Gellatly Road South, Shannon Lake Road and Parkinson Road. Improvements to these areas will be made in subsequent years through funding from the Arterial Roads Improvement Program. The Pedestrian improvements program referenced within this report focusses on areas located along collector and local roadways.

Taking into account the recent conclusions, in addition to spreading the construction impact evenly across the City, an amended project priority list has been identified below for Council's consideration:

Fig. 4 – Updated Project Priority List

PEDESTRIAN IMPROVEMENT PROGRAM (Updated November 18, 2019)						
Street Name	From	To	Length (meters)	Estimated Value	Anticipated Completion	Nearest School/Amenity
Mclver Road	Glenrosa Road	Mctaggart	665	\$1,400,000	2020	Glenrosa Middle
Westlake Road	Existing Sidewalk	Parkinson Road	371	\$780,000	2021	Rose Valley Elementary
Old Okanagan HWY	Dobbin Road	Existing Sidewalk	364	\$770,000	2022	Johnson Bentley Aquatic Centre
Horizon Drive Phase 1	Olympus Way	Aurora Heights	332	\$700,000	2023	Rose Valley Elementary
Horizon Drive Phase 2	Aurora Heights	Covington Crescent	563	\$1,180,000	2023	Rose Valley Elementary
Horizon Drive Phase 3	Covington Crescent	Existing Sidewalk	211	\$450,000	2023	Rose Valley Elementary
Bartley Road	Pike Road	Ross Road	226	\$470,000	2024	Mt. Bou.
Webber Road	Malcolm Road	Gorman Road	361	\$760,000	2025	Glenrosa Elementary
Shannon Ridge Drive	Shannon Lake Road	Shannon Place	156	\$330,000	2026	Shannon Lake Elementary
Brentwood Road	Ponderosa Court	Alhambra Drive	205	\$430,000	2027	Hudson Rd Elementary
Brentwood Road	Ross Road	Ponderosa Court	388	\$810,000	2027	Hudson Rd Elementary / Mt. Bou.
Gates Road	Glenrosa Road	Helen Gorman Elem.	720	\$1,510,000	2028	Helen Gorman Elementary
Shannon Way	Woodstock Dr.	Hihannaah Dr	389	\$816,900	2029	Shannon Lake Elementary
Webber Road	McRae Road	McBain Road	287	\$600,000	2030	Glenrosa Elementary

Council will be provided with an opportunity during the presentation to re-prioritize the recommendations listed above. Please refer to the map included within **Appendix A – Updated Pedestrian Improvement Recommendations** for an overall summary of the recommended projects.

COUNCIL REPORT/RESOLUTION HISTORY:

Date	Report Topic/Resolution	Resolution No.
Sept 30, 2015	Strategic Implementation Plan: THAT Council support \$600,000/year for 5 years for the Roads-Pedestrian Plan	C342/15
February 09, 2016	THAT the City of West Kelowna Pedestrian and Bicycle Infrastructure Plan, dated January 15, 2016, be adopted. CARRIED; Councillor Zanon opposed	C106/16
February 09, 2016	THAT Council direct staff to complete the detailed design and construction of the recommended 2016 pedestrian improvements listed in "Table 1 – Core Pedestrian Improvements with Streetlight Installations". CARRIED UNANIMOUSLY	C107/16
January 24, 2017	THAT Council direct staff to select pedestrian improvement projects based on Appendix B – 10 Year Pedestrian Priority Summary. QUESTION ON THE MAIN MOTION AS AMENDED CARRIED Opposed: Councillor Ophus	C136/17

January 16, 2018	<p>THAT Council support the 2018 Capital Budget Request for Pedestrian Infrastructure as follows:</p> <p>C2018-14 Pedestrian Improvement Program - Sidewalks 1,200,000</p> <p>CARRIED UNANIMOUSLY</p>	C047/18
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FINANCIAL IMPLICATIONS:

With continuation of a program budget of \$1,200,000 per year, there will be sufficient funds to complete the projects noted within the updated priority list on a year-to-year basis. In any year, if actual construction costs are lower than the approved budget of \$1,200,000, the excess funding will be carried over to the following year to target larger sections of sidewalk that require the additional funding (Gates Road, Horizon Drive). If in any year, the budget is reduced for the pedestrian improvement program, the projects in the priority listing (Fig. 4) will be amended accordingly.

REVIEWED AND APPROVED BY:

Allen Fillion, Director of Engineering and Public Works
 Lisa Siavashi, Financial Services Manager/Deputy CFO
 Paul Gipps, CAO

PowerPoint: Yes No

Attachments:
Appendix A – Updated Pedestrian Improvement Recommendations