

FIVE YEAR

SIDEWALK REPLACEMENT PLAN

2024 – 2028

Prepared August 2023

PURPOSE AND BACKGROUND

This plan represents the first iteration of the five-year sidewalk replacement plan. This plan will focus on the replacement of existing sidewalks in various locations throughout the Village. This is a different approach than that of the previous sidewalk plan, referred to as the Sidewalk Priorities Plan, which focused on both the replacement of existing sidewalks and the addition of new sidewalk segments for increased connectivity. A connectivity plan will address new infrastructure.

This plan will be invaluable when it comes to budget forecasts, long term planning, and capital project scheduling.

This plan will also ensure compliance with O.Reg. 588/17 and the requirement to develop an Asset Management Plan (AMP) for all Core Municipal Infrastructure Assets, and is compliant with the deadlines defined in the regulation. This plan will form part of the overall AMP.

This five-year cycle will primarily focus on the replacement of existing sidewalks that are at or near the end of their useful life, or that have severely degraded. This will include sidewalks that pose a safety hazard as a result of severe degradation. Sidewalks that are narrower than the standard width of 1.5m will also be replaced within this five-year cycle. The life cycle of a sidewalk typically has a useful life of 40 years.

The allocation of funds will be presented in the current budget year that work is expected to be completed.

The Township currently has **12.32km** of sidewalk in place as detailed in Appendix 1.



Where we are
& WHY

2024 SIDEWALK REPLACEMENT PLAN

The 2024 sidewalk plan will include the replacement of **195m** of sidewalk in the following locations:

Replacement

- 108m of sidewalk on Alma St from King Street to Hucklebug Child Care Centre

Estimated cost is **\$50,000.00**.

- 87m of sidewalk on Cedar Street from Legion Street to Queen Street

Estimated cost is **\$35,000.00**.

The total estimated cost to complete sidewalk replacement in **2024** is **\$85,000.00**



2025 SIDEWALK REPLACEMENT PLAN

The 2025 sidewalk plan will include the replacement of **279m** of sidewalk in the following locations:

Replacement

- 131m of sidewalk on the west side of County Road 45 from Hwy 7 to Spring Street

Estimated cost is **\$70,000.00**.

- 148m of Sidewalk on Queen Street from Alma Street to Flora Street

Estimated cost is **\$75,000.00**.

The total estimated cost to complete sidewalk replacement in **2025** is **\$145,000.00**



2026 SIDEWALK REPLACEMENT PLAN

The 2026 sidewalk plan will include the replacement of **263m** of sidewalk in the following locations:

Replacement

- 70m of Sidewalk on the south side of Hwy 7 from Pine Street to 4237 Hwy 7

Estimated cost is **\$40,000.00**.

- 193m of Sidewalk on the north side of Hwy 7 from Cedar Street to Victoria Street

Estimated cost is **\$120,000.00**.

The total estimated cost to complete sidewalk replacement in **2026** is **\$160,000.00**



2027 SIDEWALK REPLACEMENT PLAN

The 2027 sidewalk plan will include the replacement of **277m** of sidewalk in the following locations:

Replacement

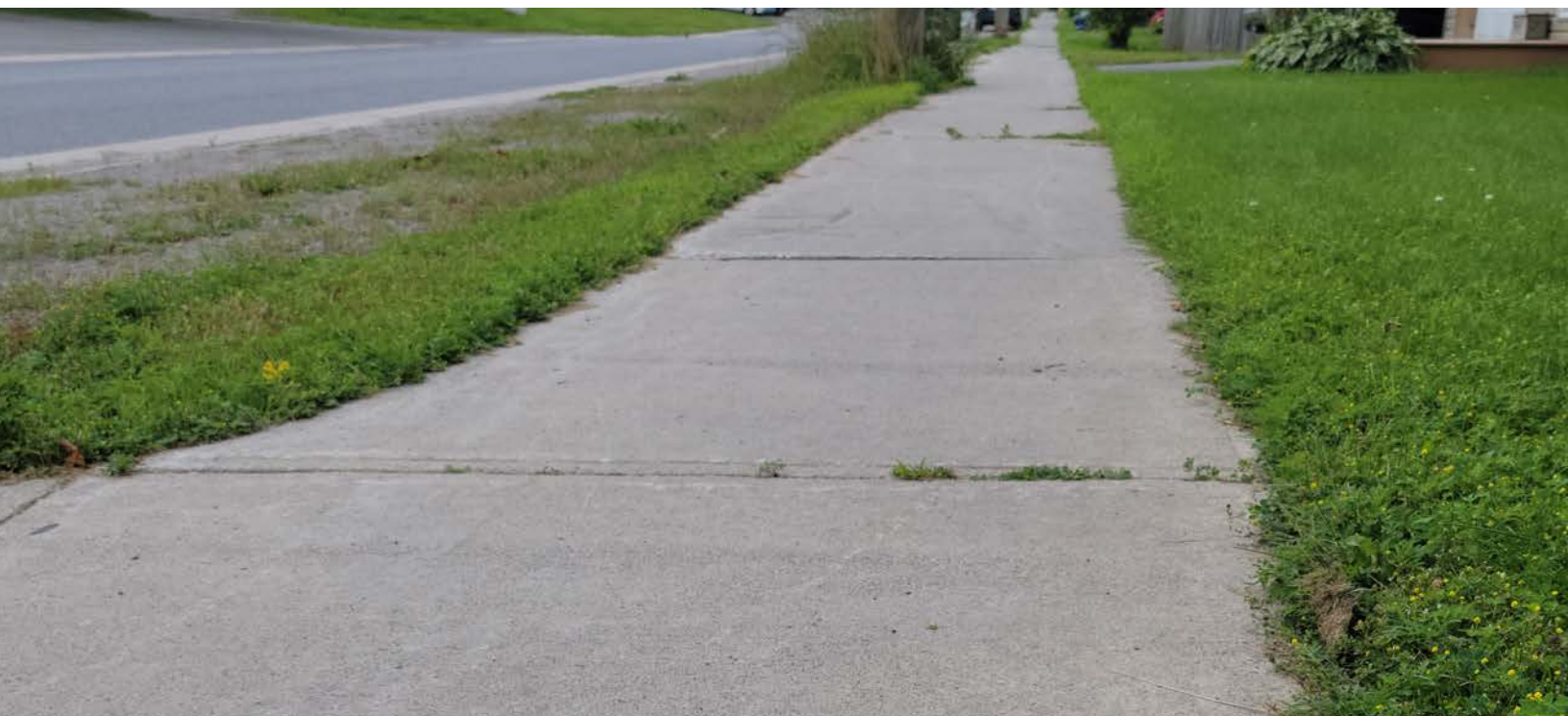
- 157m of Sidewalk on the north side of Hwy 7 from Victoria Street to County Rd 40

Estimated cost is **\$100,000.00**.

- 120m of Sidewalk on Alma Street from 70m south of Hucklebug Child Care Centre to 71 Alma Street

Estimated cost is **\$60,000.00**.

The total estimated cost to complete sidewalk replacement in **2027** is **\$160,000.00**



2028 SIDEWALK REPLACEMENT PLAN

The 2028 sidewalk plan will include the replacement of **297m** of sidewalk in the following locations:

Replacement

- 227m of Sidewalk on County Road 40 from 160m north of Hwy 7 to Wellington Street

Estimated cost is **\$135,000.00**.

- 70m of Sidewalk on Alma Street from Hucklebug Child Care Centre to 70m south of Hucklebug Child Care Centre

Estimated cost is **\$35,000.00**.

The total estimated cost to complete sidewalk replacement in **2028** is **\$170,000.00**



PLAN SUMMARY

Based on recommendations from Township Staff, the 2024-2028 five-year Sidewalk Replacement Plan is summarized as follows:

Year	Estimated Cost	Length (m)
2024	\$85,000.00	195
2025	\$145,000.00	279
2026	\$160,000.00	263
2027	\$160,000.00	277
2028	\$170,000.00	297
Total	\$720,000.00	1.311km

It is recommended that this plan be adopted and implemented to ensure that the Township is compliant with maintaining levels of service as mandated by current legislation.

The total estimated investment cost to implement this five-year plan is \$720,000.00 dollars.

Five-year Plan SUMMARY

APPENDIX 1

Township of Asphodel-Norwood Current Sidewalk Inventory				
Location	From	To	Location of Sidewalk	Length (m)
King St	Mill St	Cedar St	East Side	268
King St	Cedar St	Elm St	East Side	175
King St	Elm St	Alma St	East Side	171
King St	Alma St	Flora St	East Side	148
Queen St	Mill St	Cedar St	East Side	259
Queen St	Cedar St	Elm St	East Side	167
Queen St	Elm St	Alma St	East Side	166
Queen St	Alma St	Flora St	East Side	148
Mill St	Queen St	King St	North Side	84
Cedar St	Legion St	Queen St	North Side	87
Cedar St	Queen St	King St	North Side	90
Elm St	Hwy 7	Queen St	North Side	183
Elm St	Queen St	King St	North Side	86
Elm St	King St	Highschool	North Side	89
Victoria St	Hwy 7	Alma St	North Side	215
Alma St	Cty Rd 45	Queen St	North Side	116
Alma St	Queen St	King St	North Side	89
Alma St	King St	Community Centre Entrance	South Side	537
Flora St	Queen St	King St	North Side	113
Flora St	King St	Public School	North Side	55
Cty Rd 45	Hwy 7	Municipal Office	East Side	109
Cty Rd 45	Municipal Office	Alma St	East Side	100
Cty Rd 45	Hwy 7	2364 Cty Rd 45	West Side	71
Cty Rd 45	2364 Cty Rd 45	Spring St	West Side	60
Cty Rd 45	Alma St	Queen St	East Side	101
Cty Rd 45	Queen St	Mapleview Retirement Residence	East Side	420
Cty Rd 45	Industrial Dr	Esso Gas Station	West Side	364

Continued

APPENDIX 1

Township of Asphodel-Norwood Current Sidewalk Inventory Continued				
Location	From	To	Location of Sidewalk	Length (m)
Birch St	Cty Rd 45	Spruce St	North Side	251
Birch St	Spruce St	Maple Ave	North Side	227
Spruce St	Birch St	Maple Ave	East Side	75
Maple Ave	Spruce St	Dead End	South Side	106
Spring St	Cty Rd 45	Pine St	South Side	267
Spring St	Pine St	Oak St	South Side	211
Oak St	Spring St	Hwy 7	West Side	136
Pine St	Spring St	Hwy 7	East Side	130
Pine St	Hwy 7	Ridge St	East Side	67
Robert Road	Pine St	Dead End	South Side	255
Murray St	Robert Rd	Dead End	West Side	234
Ridge St	Pine St	Cty Rd 40	South Side	261
Cty Rd 40	Hwy 7	Cross Walk (160m N. of Hwy 7)	East Side	160
Cty Rd 40	Hwy 7	Ridge St	West Side	42
Cty Rd 40	160m N. of Hwy 7	Wellington St	West Side	227
Cty Rd 40	Wellington St	Helen St	West Side	130
Cty Rd 40	Helen St	Margaret St	West Side	43
Cty Rd 40	Margaret St	Albine St	West Side	223
Cty Rd 40	Albine St	164 Cty Rd 40	West Side	385
Wellington St	Cty Rd 40	49 Wellington St	South Side	25
Belmont St	Hwy 7	Hwy 7	South Side	133
Hwy 7	4404 Hwy 7	Belmont St	North Side	259
Hwy 7	Belmont St	Wellington St	North Side	133
Hwy 7	Wellington St	Cedar St	North Side	134
Hwy 7	Cedar St	Victoria St	North Side	193
Hwy 7	Victoria St	Cty Rd 40	North Side	157
Hwy 7	Victoria St	Cty Rd 45	South Side	132
Hwy 7	Cty Rd 40	Pine St	North Side	260

Continued

APPENDIX 1

Township of Asphodel-Norwood Current Sidewalk Inventory Continued				
Location	From	To	Location of Sidewalk	Length (m)
Hwy 7	Cty Rd 40	Pine St	South Side	259
Hwy 7	Pine St	4181 Hwy 7	North Side	362
Hwy 7	Pine St	Oak St	South Side	196
Hwy 7	Oak St	Catholic School	South Side	80
Helen St	Cty Rd 40	Millpond Lane	South Side	242
Helen St	Millpond Lane	Millpond Lane	West Side	192
Millpond Lane	Helen St	Darrell Drain Cres	North Side	180
Millpond Lane	Darrell Drain Cres	Darrell Drain Cres	East Side	158
Millpond Lane	Darrell Drain Cres	Helen St	South Side	154
Darrell Drain Cres	Millpond Lane	Noah Lane	North Side	80
Darrell Drain Cres	Noah Lane	Ethan Lane	North Side	80
Darrell Drain Cres	Ethan Lane	Ethan Lane	East Side	334
Darrell Drain Cres	Ethan Lane	Noah Lane	South Side	80
Darrell Drain Cres	Noah Lane	Millpond Lane	South Side	85
Noah Lane	Darrell Drain Cres	Darrell Drain Cres	East Side	170
Ethan Lane	Darrell Drain Cres	Darrell Drain Cres	East Side	183
Albine St	Cty Rd 40	Maryann Lane	North Side	160

TOTAL LENGTH

12.322KM

The current replacement value of these assets is estimated at **\$2,788,650.00**.

APPENDIX 2

