



**Engineering & Public Works  
Department**

**SUBJECT:** Sidewalk and Curb Replacement Program

**MEETING DATE:** February 25, 2020

**FROM:** [Brigitte Berger-Raish](#), P.E., Director of Engineering & Public Works  
[Dan Manis](#), P.E., Village Engineer  
[Dan Smith](#), P.E., Project Engineer

<b>BUDGET IMPACT:</b>	Contract Cost:	\$125,000
	Budget:	\$125,000
	Over/(Under) Budget	\$0

**Recommended Motion**

Move to approve a contract extension in an amount not-to-exceed \$125,000 with Schroeder & Schroeder, Inc., Skokie, IL, for the 2020 Sidewalk and Curb Replacement Program.

**Background**

The scope of work for the 2020 Sidewalk and Curb Replacement Program includes sidewalk replacement and curb repairs at various locations throughout the Village. The program focuses on sidewalks with substantial tripping hazards of 1-inch or greater. These hazards are due to differential settlement, heaving, or deterioration to ensure sidewalks are compliant with the American with Disabilities Act (ADA). The program also reviews curb sections that have areas of missing or broken concrete and will replace those sections. Engineering and Public Works Department staff evaluates approximately 1/5 of the Village’s sidewalks and curbs on a rotating annual basis. In addition to sidewalk and curb inspections, Engineering and Public Works Department replaces all eligible sidewalk and curb hazards reported by residents regardless of the inspection zone. The below chart displays sidewalk and curb locations repaired since 2015.

<b>Sidewalk &amp; Curb Program History</b>					
<b>Item</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
Sidewalk Locations Repaired	63	131	129	145	123
Curb Locations Repaired	14	38	20	11	16

In addition to sidewalk and curb replacements, this contract also includes concrete sidewalk, curb, driveway apron, and pavement repairs due to utility work completed by in-house water and sewer crews. When utility repairs are completed, the area on the surface disturbed by the work is temporarily patched until permanent repairs can be made with this contract.

**Discussion**

In 2019, the Village was one of five municipalities participating in the Municipal Partnering Initiative (MPI) concrete repair bid that was led by the Village of Mount Prospect. The MPI allows area communities to collectively bid similar work to take advantage of economies of scale. Other participating communities in this group were Arlington Heights, Glenview, and Northfield. The bid established pricing for three years. For 2020, the unit prices were adjusted by 2.2% (Chicago CPI) in accordance with the original contract. The following shows a tabulation of historical pricing for Wilmette from 2016 through 2020.

<b>Sidewalk &amp; Curb Program Pricing History</b>					
<b>Item</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>
Sidewalk Removal & Replacement (Per Square Foot)	\$5.50	\$6.50	\$5.18	\$6.00	<b>\$6.13</b>
Curb Removal & Replacement (Per Linear Foot)	\$18.00	\$18.00	\$20.12	\$22.50	<b>\$23.00</b>

Additionally, since 2018, concrete work which was traditionally done with a separate Utility Repair Street Patching Program for water and sewer repairs has been incorporated into this program to take advantage of the better concrete unit pricing in this contract. The table below summarizes the difference in pricing for utility related concrete repairs from 2017 through 2020.

<b>Utility Patching Program Pricing</b>					
<b>Item</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>
Concrete Pavement Patch (Per Square Yard)	\$95.00	\$125.00	\$55.33	\$60.00	<b>\$61.32</b>

Schroeder & Schroeder has performed well for the Village during the past several years, including the sidewalk and curb replacement programs since 2015, the alley program in 2014, 2016, and 2018, and the brick renovation project in 2017. For these reasons, the Engineering and Public Work Department recommends awarding the 2020 Sidewalk and Curb Replacement Program to Schroeder & Schroeder.

The 2020 Sidewalk and Curb Replacement Program will be completed in two phases. The contractor will mobilize once in spring and again in the fall.

**Budget Impact**

The 2020 Sidewalk and Curb Replacement Program is allocated to various accounts within the general, water, and sewer funds. Work associated with this contract are a component of the below accounts and are within the FY 2020 budget.

<b>Description</b>	<b>2020 Budget</b>	<b>Contract Amount</b>	<b>Account Number</b>
General Fund - Sidewalk Replacement	\$70,000	\$55,000	11202035-425000
General Fund - Curb Replacement	\$25,000	\$25,000	11202035-425100
Sewer Fund – Contractual Services	\$100,200	\$18,500	40807090–421000
Water Fund – Contractual Services	\$120,800	\$26,500	41838090-421000
<b>Total</b>	<b>\$316,000</b>	<b>\$125,000</b>	

Balances in the sidewalk replacement account will be used for sidewalk mud-jacking and brick sidewalk repairs as part of other Village contracts. Balances in the sewer fund and water fund patching accounts will be used for asphalt and brick pavement restoration as part of other Village contracts.

**Documents Attached**

1. 2020 Adjustment of Unit Pricing
2. CIP Detail Sheets
3. Signed Contract Extension



# Schroeder & Schroeder Inc.



CONCRETE CONTRACTORS  
 7306 CENTRAL PARK - SKOKIE, ILLINOIS 60076  
 PHONE 847-933-0526 • FAX 847-933-0528

MUNICIPALITIES OF:  
 MT. PROSPECT, ARLINGTON HTS., GLENVIEW, NORTHFIELD, ROLLING MEADOWS & WILMETTE

2020 PRICING INCLUDING  
 2.2% CPI-U PRICE INCREASE

ITEM	DESCRIPTION	QUANTITY	UNIT	2019 UNIT PRICE	2020 UNIT PRICE
1	TRAFFIC CONTROL & PROTECTION FOR TEMP DETOUR	9.00	EACH	\$ 1,250.00	\$ 1,277.50
2	ARROW BOARD	21.00	CAL DAY	\$ 150.00	\$ 153.30
3	PCC PAVEMENT PATCH, CL B, 7"	4810.00	SY	\$ 60.00	\$ 61.32
4	PCC PAVEMENT PATCH, CL B, STATE & COUNTY ROADS, BASE ONLY, 9"	360.00	SY	\$ 68.00	\$ 69.50
5	PCC DRIVEWAY PAVEMENT REMOVAL & REPLACE, 6"	1915.00	SY	\$ 56.00	\$ 57.23
6	PCC SIDEWALK REMOVAL AND REPLACE, 5-6"	135000.00	SF	\$ 6.00	\$ 6.13
7	PCC PATIO REMOVAL AND REPLACE	600.00	SF	\$ 12.00	\$ 12.26
8	COMB CONCRETE CURB & GUTTER REMOVAL & REPLACE (M3.12, B6.12, B6.18)	9050.00	LF	\$ 22.50	\$ 23.00
9	COMB CONCRETE CURB & GUTTER REMOVAL & REPLACE (B6.24)	370.00	LF	\$ 35.00	\$ 35.77
10	DETECTABLE WARNING FIELDS	88.00	EACH	\$ 150.00	\$ 153.30
11	DETECTABLE WARNING FIELDS (SUPPLIED BY MUNICIPALITY)	15.00	EACH	\$ 100.00	\$ 102.20
12	REINFORCEMENT BARS, EPOXY COATED-TWO CONTINUOUS NO. 5	100.00	LF	\$ 2.00	\$ 2.04
13	TREE GRATE INSTALLATION	17.00	EACH	\$ 250.00	\$ 255.50
Supp. Item	VV, MH, INLET, CB TO BE ADJUSTED		EACH	\$ 250.00	\$ 255.50
Supp. Item	AGGREGATE BASE COURSE, TYPE B 4-INCH		SY	\$ 6.00	\$ 6.13
Supp. Item	PCC SIDEWALK REMOVAL & REPLACEMENT (5-6"), STATE & COUNTY ROAD		SF	\$ 7.00	\$ 7.15

q. **SUPPLEMENTAL ITEM – TEMPORARY INFORMATION SIGNING**

This work shall consist of furnishing, installing, maintaining, relocating for various states of construction and eventually removing temporary informational signs. Included in this item may be ground mount signs, skid mount signs, truss mount signs, bridge mount signs, and overlay sign panels which cover portions of existing signs.

Materials shall be according to the following Articles of Section 1000 – Materials:

	Item	Article / Section
a.)	Sign Base (Notes 1 & 2)	1090
b.)	Sign Face (Note 3)	1091
c.)	Sign Legends	1092
d.)	Sign Supports	1093
e.)	Overlay Panels (Note 4)	1090.02

Note 1. The Contractor may use 5/8 inch (16 mm) instead of 3/4 inch (19 mm) thick plywood. Note 2. Type A sheeting can be used on the plywood base.

Note 3. All sign faces shall be Type A except all orange signs shall meet the requirements of Article 1106.01. Note 4. The overlay panels shall be 0.08 inch (2 mm) thick.

The sign sizes and legend sizes shall be verified by the Contractor and Engineer prior to fabrication.

Signs which are placed along the roadway and/or within the construction zone shall be installed according to the requirements of Article 701.14 and Article 720.04. The signs shall be 7 ft (2.1 m) above the near edge of the pavement and shall be a minimum of 2 ft (600 mm) beyond the edge of the paved shoulder. A minimum of two (2) posts shall be used.

The attachment of temporary signs to existing sign structures or sign panels shall be approved by the Engineer. Any damage to the existing signs due to the Contractor's operations shall be repaired or signs replaced, as determined by the Engineer, at the Contractor's expense.

Signs which are placed on overhead bridge structures shall be fastened to the handrail with stainless steel bands. These signs shall rest on the concrete parapet where possible. The Contractor shall furnish mounting details for approval by the Engineer.

**Method of Measurement:** This work shall be measured for payment in square feet (square meters) edge to edge (horizontally and vertically). All hardware, posts or skids, supports, bases for ground mounted signs, connections, which are required for mounting these signs will be included as part of this pay item.

**Basis of Payment:** This work shall be paid for at the contract unit price per square foot for TEMPORARY INFORMATION SIGNING.

16. **Annual Compensation Adjustment**

The Base Contract Price will be adjusted on an annual basis equal to the average monthly percentage change of the Chicago CPI-U for the previous twelve month period with 2% minimum and 4% maximum protections. The rate adjustment shall take effect each year beginning on April 1, 2020.

17. **SCHEDULING OF WORK AND COMPLETION DATES**

The Contractor shall coordinate directly with Public Works Director (or his/her designee) for each Municipality to schedule the work.

<b>Sidewalk Repair Program</b>	2020	\$70,000
Streets, Sidewalks and Alleys	2021	\$72,100
	2022	\$74,300
	2023	\$76,500
	2024	\$78,800

- X Critical
  - Recommended
  - Contingent on Funding
- 

**Original Purchase Date & Cost**

Unknown

**Funding History**

2019	\$74,200	Operating
2018	\$72,100	Operating
2017	\$70,000	Operating
2016	\$70,000	Operating
2015	\$55,000	Operating
2014	\$20,000	Operating
2013	\$71,309	Operating
2012	\$27,281	Operating

**Project Description & Justification**

This project is for the replacement of public sidewalks in various parts of the Village that present a potential tripping hazard.

This is an annual maintenance program to repair damaged sections of sidewalk throughout the Village. The program focuses on replacing sidewalk with a tripping hazard of 1-1/2 inches or greater and also ensures sidewalks are compliant with the American with Disabilities Act (ADA). Sidewalks with minor cracks and/or ponding of water are not considered liability risks and thus are prioritized below trip hazards. Trip hazards are first temporarily repaired with an asphalt patch and then permanently repaired with the sidewalk program. The Engineering and Public Works Department also replaces sidewalks in conjunction with the street resurfacing project. There are five sidewalk inspection zones that are inspected and repaired on a rotating yearly cycle. In addition to sidewalk inspections, the Engineering and Public Works Department repairs all eligible sidewalk hazards reported by residents, regardless of the current work zone.



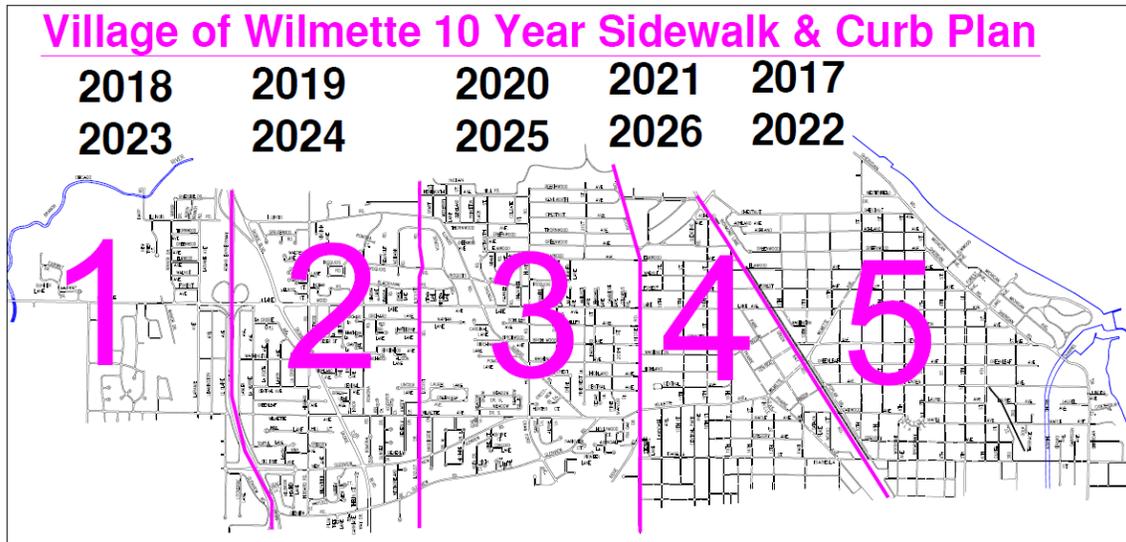
Sidewalk with 1.5" trip hazard



Missing sidewalk



Broken sidewalk with trip hazard



In an effort to incorporate more cost saving opportunities, the Engineering and Public Works Department will also include concrete mud-jacking and sidewalk grinding as options for sidewalk rehabilitation.

**Project Update**

The funding amount of \$78,800 has been added to 2024. An annual inflation factor of 3% is included.

**Project Alternative**

The alternative is to patch the sidewalks with asphalt. This will result in increased maintenance (the asphalt will not last more than a season) and it will cost more to replace sidewalks in the long term. Furthermore, the asphalt patches are considered aesthetically unpleasing by some residents.

**Operating Budget Impact**

Is this purchase *routine*  X  or  non-routine ?

ROUTINE	
Department Budget	Engineering
Account Number Description	Sidewalk Repair Program
Account Number	11202035-425000

**Curb Replacement Program**

Streets, Sidewalks and Alleys

2020	\$25,000	Operating
2021	\$25,800	
2022	\$26,600	
2023	\$27,400	
2024	\$28,200	

- Critical
- X Recommended
- Contingent on Funding

**Original Purchase Date & Cost**

Unknown

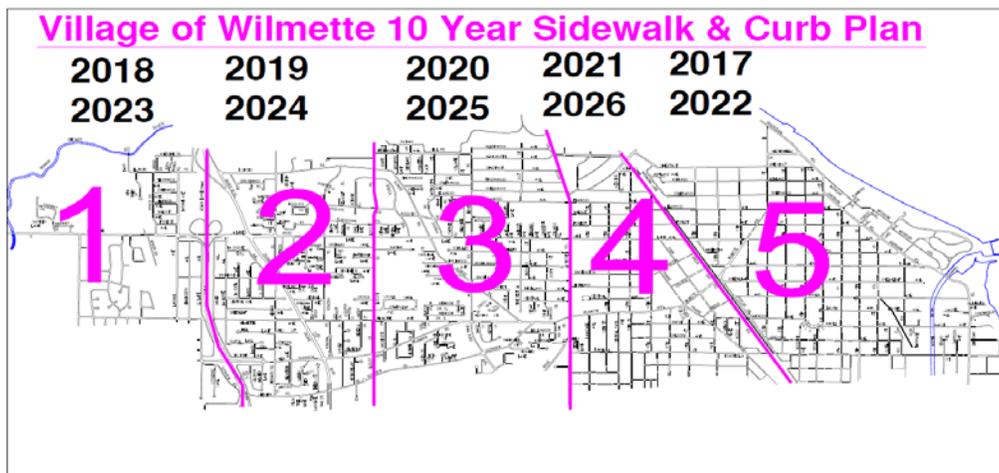


**Funding History**

2019	\$43,400	Operating
2018	\$42,200	Operating
2017	\$40,000	Operating
2016	\$40,000	Operating
2015	\$10,000	Operating
2014	\$8,000	Operating
2013	\$20,000	Operating
2012	\$8,448	Dedicated Revenues

**Project Description & Justification**

This project funds the annual maintenance program to replace non-functional, hazardous, broken and missing curbs throughout the Village. It is for the replacement of curbs and gutters that no longer facilitate positive drainage and/or has deteriorated in various locations throughout the Village. The Village staff evaluates curbs on a five year rotating cycle in conjunction with the Sidewalk Program. In addition to curb inspections, the Engineering and Public Works Department repairs all eligible curb hazards reported by residents, regardless of the current work zone.





*Broken and missing curb with potential to damage vehicles*

**Project Update**

The funding amount of \$28,200 has been added to 2024. An annual inflation factor of 3% is included.

**Project Alternative**

The alternative is not to replace curbs. Curbs that result in poor street drainage will cause accelerated deterioration of the edge of pavement resulting in potholes and the necessity for additional maintenance.

**Operating Budget Impact**

Is this purchase *routine*   X   or *non-routine*?

ROUTINE	
Department Budget	Engineering
Account Number Description	Curb Replacement Program
Account Number	11202035-425100



**VILLAGE OF WILMETTE  
1200 Wilmette Ave  
Wilmette, IL 60091**

**Contract No. 19051-01**

**For:**

**Sidewalk and Curb Replacement Program  
Contract Extension No. 01 for Contract No. 19051**

**With:**

**Schroeder & Schroeder, Inc.  
7306 Central Park  
Skokie, IL 60076**

**Note: This cover sheet is an integral part of the Agreement, as are all of the following documents, and are a part of the Agreement as executed between the Village of Wilmette and Schroeder & Schroeder, Inc. Do not detach any portion of this document. Invalidation could result.**

1. This Contract Extension is made by the Village of Wilmette ("Village") and Schroeder & Schroeder, Inc. ("Contractor"), Parties to Contract No. 19051 – 2019 Sidewalk and Curb Replacement Program ("Agreement").

2. For and in consideration of up to \$125,000.05 and other good and valuable consideration, the sufficiency of which is hereby acknowledged, the Village and Contractor hereto agree to extend the above referenced Contract's Term to March 31, 2021 and the Contract Unit Prices, subject to the mutually agreed upon annual compensation CPI price adjustment, for the following quantities:

No.	Item Description	Unit	Quantity	Unit Price	Total
1	Traffic Control and Protection for Temporary Detour	EACH	1	\$ 1,277.50	\$ 1,277.50
2	Arrow Board	CAL DAY	15	\$ 153.30	2,299.50
3	P.C.C. Pavement Patch, CL B (7")	SY	150	\$ 61.32	9,198.00
4	P.C.C. Pavement Patch, CL B, State & County Roads, Base Only (9")	SY	100	\$ 69.50	6,950.00
5	P.C.C. Driveway Pavement Removal and Replacement (6")	SY	175	\$ 57.23	10,015.25
6	P.C.C. Sidewalk Removal and Replacement (5-6")	SF	10,000	\$ 6.13	61,300.00
8	Combination Concrete Curb & Gutter Removal and Replacement (M3.12, B6.12, B6.18)	LF	1,250	\$ 23.00	28,750.00
10	Detectable Warning Fields	EACH	6	\$ 153.30	919.80
Supp. Item	P.C.C. Sidewalk Removal and Replacement (5-6"), State & County Road	SF	600	\$ 7.15	4,290.00
<b>Total Contract Extension Amount:</b>					<b>\$ 125,000.05</b>

Contractor will also provide the Village with Performance and Payment bonds for the contract extension amount in accordance with the terms of the Agreement.

This Contract Extension is not a guarantee that the Village will request services for the total Contract Extension amount.

3. This Contract Extension No. 01 is incorporated into the Agreement and shall not be effective unless this Contract Extension is also executed by the Parties.

4. Except as set forth in this Contract Extension, the Agreement is unaffected and shall continue in full force and effect in accordance with its terms. If there is conflict between this Contract Extension and the Agreement or any earlier amendment, the terms of this Contract Extension will prevail.

5. The Contract Extension shall be binding on the parties and effective only as of the date fully executed by both parties.

IN WITNESS WHEREOF, the Village of Wilmette, Illinois by Robert T. Bielinski, Village President, and the Contractor have hereunto set their hands to this Contract Extension on the \_\_\_\_ day of \_\_\_\_\_, 2020.

**THE VILLAGE OF WILMETTE, ILLINOIS**

Accepted this \_\_\_\_ day of \_\_\_\_\_, 2020

\_\_\_\_\_  
Robert T. Bielinski, Village President

Attest: \_\_\_\_\_  
Michael N. Braiman, Village Clerk

**FOR THE CORPORATION**

An officer duly authorized by the corporation shall sign here:

Accepted this 14<sup>th</sup> day of FEBRUARY, 2020

  
By (signature)

PRESIDENT  
Position/Title

CHRIS SCHROEDER  
Print Name

SCHROEDER & SCHROEDER, INC.  
Print Company Name