



WILDWOOD

MEMORANDUM

To: Administration/Public Works Committee Members

From: Rick C. Brown, Director of Public Works / City Engineer

Date: June 5, 2023

Re: Proposal from Precision Concrete for Sidewalk Repairs

Background

Last year, the Department engaged Precision Concrete Cutting (PCC) to eliminate potential sidewalk trip hazards along several streets within Westhampton Woods, Garden Valley, and Oak Ridge Trails subdivisions. PCC's proprietary equipment cuts the sidewalk and leaves a much cleaner, smoother finish than conventional grinding. PCC not only removes potential sidewalk trip hazards, but they also complete a survey in advance to determine the magnitude and cost of repairs necessary, which relieves staff of that effort. Their equipment removes slab differentials between 3/8"-2". We found PCC's work to be very good, and no complaints were received from residents last year.

Given the favorable outcome of the last year's project, the Department would like to continue work with PCC this year. In that regard, PCC has provided a quote to remove a total of 450 trip hazards for the cost of \$25,000, which is attached as **Exhibit A**.

Recommendation

The Department of Public Works recommends authorizing a contract with Precision Concrete Cutting, Inc. for the not to exceed amount of \$25,000, to remove approximately 452 potential sidewalk trip hazards (between 3/8" -2") within Brentmoor Place Subdivision.

Reasons for Recommendation

- PCC's project last year was successfully completed. The work was completed within a few days, and the Department was very pleased with the finish.
- By utilizing PCC, we can proactively address potential sidewalk trip hazards within our residential subdivisions, by surveying sidewalks in advance to identify all potential trip hazards.
- PCC's equipment is significantly less expensive than full sidewalk replacement.

Assuming the Committee approves this recommendation, the Department will prepare a resolution, which will be submitted to the City Council for consideration. I will be available for any questions regarding this recommendation at the June 6th meeting of the Administration/Public Works Committee.

RCB

Exhibit A



1896 Goldeneye Drive, Holland MI 49424
Phone: 616.403.1140 FAX: 616.582.5951
www.MissouriSafeSidewalks.com

May 25, 2023

City of Wildwood

Attn: Brendan Maher, Civil Engineer
16860 Main St.
Wildwood, MO, 63038



WILDWOOD

Phone: (636) 405-2043 Cell: (314) 420-1131 Email: brendan@cityofwildwood.com

Subject: **SIDEWALK TRIP HAZARD ELIMINATION, Proposal for the CITY of WILDWOOD, 2023**

Brendan,

We appreciate the opportunity to submit this proposal for the City of Wildwood. Total cost for this project **will not exceed 25,000** based on an agreed scope and job rate. Upon your review and acceptance of this proposal, **please sign and return** (or submit a valid purchase order referencing this proposal) via FAX to (616) 582-5951 or email us at info@PCCMich.com.

We will provide a W-9 for your files and have our proof of insurance (an ACORD) faxed directly to your attention by our insurance provider. Let us know if any additional information or documents are required before we begin work. We appreciate the opportunity to provide our service.

Precision Concrete Cutting

Precision Concrete Cutting (PCC) has been removing trip hazards from uneven sidewalks and other concrete walkways across the nation for over 25 years. As the industry leader in technology and price, PCC can reduce liability associated with uneven sidewalk and help meet ADA compliance with a method more effective and less expensive than alternatives. PCC utilizes its patented tools and processes that it has developed and refined for trip hazard removal. Not only is trip hazard removal the specialty of PCC... it's the only thing we do. PCC has dozens of locations across the country. Precision Concrete, Inc. is the locally licensed business unit serving Missouri, Michigan, Illinois, and Indiana that leverages the proven tools, process, and training to provide this service.

The Advantage

The Precision Concrete Cutting (PCC) service removes the entire trip hazard from side to side on the entire sidewalk while other methods of repair often leave a portion of the trip hazard. Not only can PCC reach the edges of every sidewalk, we can remove trip hazards from virtually any angle and at any location. Trip hazards caused by cracked concrete or located in hard-to-reach places such as in gutters or adjacent to a wall, post, or railing will be eliminated without any damage to nearby impediments. **There is no other process of trip hazard removal available with the quality, flexibility, and diversity as that of PCC.**



Quality

The Precision Concrete Cutting (PCC) process involves the measurement of every sidewalk trip hazard identified. PCC inspects the sidewalks and takes specific measurements to identify and log each trip hazard size and location. These measurements are used to determine the size of repair that is required, and to guarantee that the repair is made to dimensional specifications.

The PCC finished repair is aesthetically pleasing, smooth, and of superior quality compared to alternatives. It does not leave grooves in the surface of the concrete, it is not uneven, and is left with an acceptable coefficient of friction to not create slip hazards.



Environmental & Community Friendly

The Precision Concrete Cutting (PCC) process does not require heavy equipment in the work area. The PCC equipment is small and maneuvered about by individual employees. No damage is created to buildings, landscaping, irrigation systems, or the surrounding environment. Complete cleanup of the work area is performed and dust abatement systems minimize dust. All materials removed are properly recycled.

PCC utilizes a patented dust collection system to keep dust to a minimum while performing its work. This is a great benefit over other repair processes that leave the area covered in concrete dust or slurry. PCC also cleans up the removed concrete and debris created while

performing the repairs and disposes (for recycle) of it as part of the service. Being a complete solution, no follow-on tasks are required of the City of Wildwood staff. Sidewalks remain open with only minor disruption while PCC moves thru an area performing the trip hazard removals.

As a member of the U.S. Green Building Council (USGBC) we are proud of the fact that we reduce the impact to landfills and the environment as a result of our service. For example, **removing and replacing just 50 sidewalk panels would result in approximately 60,000 lbs of concrete being removed** (your average 5' x 5' panel weighs about 1,200 lbs). Using Precision Concrete Cutting, sidewalk trip hazard removal can be accomplished by removing about 400 lbs of concrete that will be recycled. No heavy equipment or hauling is required. Also, there is no damage to trees or adjoining landscape with Precision Concrete Cutting.



Real Savings

Precision Concrete Cutting (PCC) leverages new technology and unique equipment to perform sidewalk repairs at a 70-80% cost savings compared to sidewalk replacement. It is estimated that this project will **save City of Wildwood over \$180,000 on repairs.**

Professional Plan and Approach

Precision Concrete Cutting (PCC) will conduct a pre-construction planning meeting with the City of Wildwood designated contact(s) using a PCC Project Manager to establish priorities, a high-level schedule for each job site, review risks/constraints, and safety plans. The Project Manager will assure schedule, scope, and budget objectives are attained for the project. The PCC Delivery Manager will assure quality and safety objectives are attained during the onsite work phase of the project.

PCC will deploy a well-marked light-duty pickup truck/van and full logo trailer used to mobilize up to three (3) full sets of cutting equipment and operators. Safety cones are placed wherever the truck/van and trailer park and they are placed on the sidewalks in front of and behind the operator area to assure pedestrian safety during cutting. All PCC staff (including project manager) wears high-visibility safety vests whenever they are outside their vehicle.



Scope and Cost

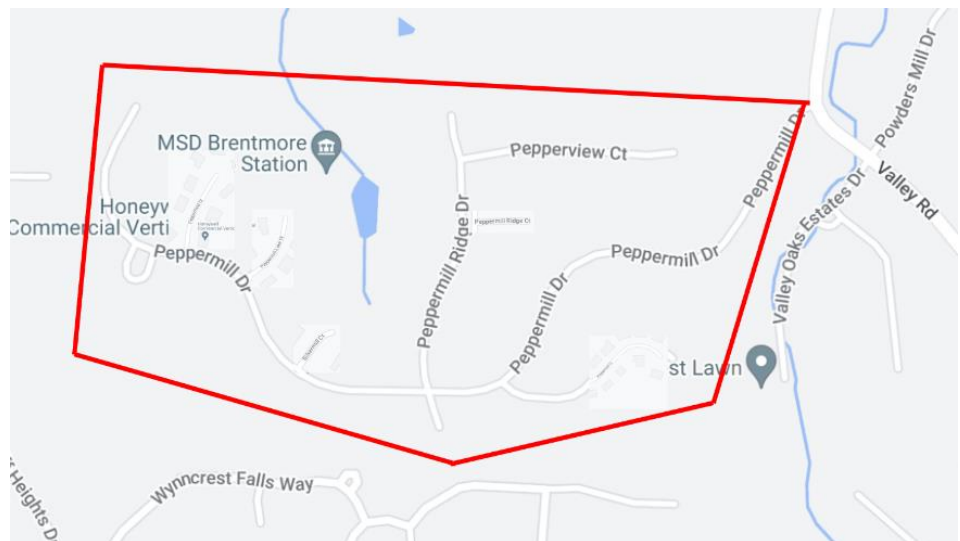
Precision Concrete Cutting (PCC) is proposing a SAW CUT solution (NOT GRINDING) for the City of Wildwood to remove sidewalk trip hazards on select contiguous sidewalk areas. PCC would typically bill for this project at the rate of \$54 per Inch Foot (defined as the average inch height of the trip hazard x linear feet of the hazard). However, PCC will offer a municipal project rate of \$42/IF. For this project, PCC will perform 595 IF of trip hazard removal (up to the established project budget). It is estimated this project will resolve over 450 sidewalk trip hazards. **Billing will be based on actual work performed, up to the approved project budget of \$25,000.**

The sidewalk trip hazards are defined as differentials in the walkway of .375" high up to (including) 2.0" high. Trip hazards will be eliminated leaving a maximum running slope (ramp) of 1:8 as permitted to meet ADA requirements. The work will be performed on City sidewalks in the project areas as prioritized by the City. Note: It is estimated the streets listed below contain more than 595 IF of trip removal. PCC will work in the following order, up to the approved or amended City project budget;

Job No. (Area)	Location	Estimated # of Trip Hazards Cut	Estimated Inch Feet	Cost
1	Peppermill Dr (from Valley to End) - as budget allows	450	595	\$32,142.86
2	Peppermill Ct - as budget allows	0	0.00	\$0.00
3	Peppermill Ridge Dr - as budget allows	0	0.00	\$0.00
4	Peppermill Ridge Ct - as budget allows	0	0.00	\$0.00
5	Pepperview Ct - as budget allows	0	0.00	\$0.00
6	Silvermill Ct - as budget allows	0	0.00	\$0.00
7	Peppermill Lake Ct - as budget allows	0	0.00	\$0.00
8	Pepperfield Ct - as budget allows	0	0.00	\$0.00
Totals		450	595	\$32,142.86
Additional Services:				\$0.00
Travel and Expenses:				\$0.00
Discount* :				-\$7,142.86
Net Proposed Total:				\$25,000.00

*Municipal discount will apply if project accepted prior to June 16, 2023 and with an authorization to proceed with project by July 1, 2023.

MAP: Arial view of work area with specific perimeters (red line) for sidewalk trip removal.



Sole Source Status

The technology that Precision Concrete Cutting uses to remove trip hazards has been developed and patented by Precision Concrete Cutting based in Provo, UT. Precision Concrete Cutting and its local branches are the only companies authorized to use the patented equipment and method for removing sidewalk trip hazards as described by the following patent numbers:

U.S. Patent No. 6,827,074
U.S. Patent No. 6,896,604
U.S. Patent No. 7,000,606

U.S. Patent No. 7,143,760
U.S. Patent No. 7,201,644
U.S. Patent No. 7,402,095

These patent numbers and the Precision Concrete Cutting (PCC) licensing agreement make Precision Concrete, Inc. a sole source for trip hazard removal in Missouri using this technology.

Invoicing

A Precision Concrete Cutting (PCC) invoice will be issued for work completed at the conclusion of the project. Payment terms are net 15 days from the date work is completed unless contract states otherwise. PCC will not charge the City of Wildwood any additional fees for mobilization, setup, cleanup, or travel / expenses. All such fees are included in the proposed price.

An itemized invoice listing the location of each trip hazard resolved will be listed and can be provided in hard copy or soft copy as required by the City of Wildwood. This itemized list provides the City of Wildwood with a completely auditable summary of the work performed by PCC. It is also a document that can support the fact that your organization has a proactive sidewalk maintenance program in place.

Summary

Precision Concrete Cutting is very interested in working with the City of Wildwood to deliver a proactive and cost-effective sidewalk maintenance program to help with the efforts of ADA compliance and reduce liabilities associated with sidewalk trip hazards. Our goal is to develop a long term relationship in which we can help the City of Wildwood achieve its annual sidewalk maintenance objectives.



Thank you for your consideration. Signature and date below confirms your acceptance of this proposal.

Tracy Deniszczuk, Business Dev Mgr, MO
and Mark Bonkowski (President)

_____ customer

Precision Concrete, Inc.
1896 Goldeneye Drive
Holland MI 49424

_____ authorized signature / date

(317) 695-3271 Cell

(616) 403-1140 Office
(616) 582-5951 Fax

_____ printed name / title