



May 25, 2023

Village of Beverly Hills

Attn: Neil Johnston, Public Services Director
18500 W 13 Mile Rd
Beverly Hills, MI 48025



Phone: (248) 646-6404 Email: njohnston@villagebeverlyhills.com

Subject: **SIDEWALK TRIP HAZARD ELIMINATION, PILOT PROJECT for Village of Beverly Hills, 2023**

Neil,

We appreciate the opportunity to submit this proposal to the Village of Beverly Hills. The total cost for this project will **not exceed \$50,000** 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 our W-9 and our proof of insurance accordingly (an ACORD will be emailed directly to you by our insurance provider). Let us know if any additional information or documents are required before we begin work. We appreciate your consideration and 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 sidewalks 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 is the only thing we do. PCC has dozens of locations across the country. Precision Concrete, Inc. is the locally licensed business unit serving Michigan, Indiana, Central Illinois, and Missouri 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 that will 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 removed materials are properly recycled.

Precision Concrete Cutting 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 repairs and disposes (for recycle) it as part of the service. Being a complete solution, no follow-on tasks are required of Village staff. Sidewalks remain open with only minor disruption while PCC moves through 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 100 sidewalk panels would result in approximately 120,000 lbs. of concrete being removed with the like amount being hauled in new (average panel weight for 5' x 5' x 4" is over 1,200 lbs.). Using Precision Concrete Cutting, sidewalk trip hazard removal can be accomplished by removing around 750 lbs. of concrete that will be recycled (no heavy equipment or hauling is required). Remove and replacement work is minimized requiring very little, if any, new concrete. 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 the VILLAGE OF BEVERLY HILLS over \$200,000 on repairs.**

Professional Plan and Approach

Precision Concrete Cutting (PCC) will conduct a pre-construction planning meeting with the Village designated contact(s) using a Precision Concrete Project Manager to establish priorities, a high-level schedule for each area, review risks/constraints and safety plans. Typically, a crew of three (the project manager and two skilled operators) will be deployed to the job site to begin work once the Village gives the authorization to proceed and our schedules permit.

Precision Concrete Cutting (PCC) will deploy a well-marked light-duty pickup truck, van, and/or 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 on the sidewalks in front 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.



Cost and Scope

Precision Concrete Cutting (PCC) is proposing a SAW CUT solution (NOT GRINDING) for the Village of Beverly Hills to remove sidewalk trip hazards, in contiguous areas, as determined by the Village. PCC would bill for this project at the rate of \$54 per Inch-Foot (defined as the average inch height of the trip hazard times the linear feet of the hazard). For this project, PCC will perform up to 1,190 IF of trip hazard removal for a total cost of \$64,286. However, with municipal discount pricing applied, **total cost for this project will not exceed \$50,000***. Billing will be based on actual work performed, without exceeding the approved budget.

The scope of the sidewalk trip hazards is defined as a differential in the walkway of .5" high and less than or equal to 1.5" high. Trip hazards will be eliminated, leaving a maximum running slope (ramp) of 1:12 as permitted to meet ADA requirements wherever possible. The work will be performed on Village sidewalks in the project areas, as prioritized by the Village, up to the approved budget.

Job No. (Area)	Location	(Remove and Replace) or out of scope	Estimated # of Trip Hazards Cut	Estimated Linear Feet	Estimated Inch Feet	Cost	
1	W 13 Mile Rd (North side starting Village Border to Pierce St), W Rutland St, E Rutland St, Madoline St (E Rutland to Pierce St), Elizabeth St (E Rutland to Pierce St), Marguerite St (E Rutland to Pierce St), Pierce St (West side 13 Mile to Marguerite) - as budget allows	0	713	2,445	1,190.48	\$64,285.71	
Totals		0	713	2,445	1,190.48	\$64,285.71	
						Additional Services:	\$0.00
						Travel and Expenses:	\$0.00
						Discount* :	-\$14,285.71
Net Proposed Total:						\$50,000.00	

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

- MAP:** Arial view of work areas for trip removal.
- Village of Beverly Hills
2023 Work Areas**
1. W 13 Mile Rd (Village Border to Pierce St)
 2. W Rutland St
 3. E Rutland St
 4. Madoline St (E Rutland to Pierce St)
 5. Elizabeth St (E Rutland to Pierce St)
 6. Marguerite St (E Rutland to Pierce St)
 7. Pierce St (West Side 13 Mile to Marguerite)



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 Michigan and Indiana using this technology. In the event that an organization is required to put trip hazard removal "out for bid", it will not be able to find a vendor with the same ability to perform trip hazard removal using the same process. This means that any vendor bidding against PCC (or Precision Concrete, Inc.) may not be able to perform to the same quality requirements as Precision Concrete Cutting.

Invoicing

A Precision Concrete Cutting (PCC) invoice will be issued for work completed at the conclusion of each month. Municipal payment terms are net 15 days from the date work is completed unless contract states otherwise. PCC will not charge the Village any additional fees for mobilization, setup, cleanup, or travel / expenses. All such fees are included in the proposed unit 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 Village. This itemized list provides the Village 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 Village of Beverly Hills 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 Village achieve its annual sidewalk maintenance objectives.



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

Ben Johnson, Business Dev Mgr, SE Michigan
and Mark Bonkowski (President)

Precision Concrete, Inc.
1896 Goldeneye Drive
Holland MI 49424

(248) 606-9161 Cell

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

Customer (City Name)

authorized signature / date

printed name / title