

Philip Sitton • Project Manager • 331.444.4822• Philip@NoTrippin.com • www.notrippin.com



Introduction

Raymond Soliman C/O City of Crest Hill 20600 City Center Blvd Crest Hill, Illinois, 60403

Raymond,

Thank you for the opportunity to present this proposal for sidewalk trip hazard repair based on our survey of your sidewalk areas.

Review

- 1. Safe Step LLC performed a site survey of all of the specified sidewalk areas
- 2. The engineering evaluation identified sidewalk defects that presented a tripping hazard and were appropriate for saw-cutting repair based on the identification criteria outlined on page 2
- 3. The engineering evaluation also identified sidewalk defects that would require alternative repair methods
- 4. A link to Safe Step's exclusive Sidewalk Central™ tool was provided for defect review and finalization
 - 1. This proposal and project scope is based on the defects selected and verified in Sidewalk Central™

Notable Proposal Contents

- · Page 2: Evaluation criteria used to perform the survey
- · Page 3: Defect location map and survey summary
- · Page 4: Cost savings analysis
- · Page 7: Proposal Acceptance

Please let me know if you have any questions. We look forward to serving your needs.

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Sidewalk Evaluation Criteria

Condition	Record for Saw-Cutting	Record for Replacement	
Panel Offset: Min (1/8s) 4 Max (1/8s) 16	Y	If greater	
Sharp edge: Height 3	Y	N/A	
Prior Grind/Saw-Cut Repairs1:	Y*		
Cutting to sunken panel:	Lift	Y	
Waterpooling:	Lift	Y	
Caused by tree:	CR	Y	
Negative cross-slope:	Y,CR - Severe Y		
Positive cross-slope:	Y,CR - Severe	Y	
Contains structural crack ² :		Y	
Qty no more 1 Gap no 3/8"	Y		
Displacement is a crack ² :		Y	
Perpendicular N Parallel N	N		
Panel is spalled ² : Surface less 50 Depth no 1"	Y	Y	
Sidewalk joint is decayed ² : Width no more than	Y	Y	
Curbing:	CR	CR	
On bridge structure:	N	N	
Parallel joints:			
Min. Height 4 Max Height 16	Y	Y	
Ramps: At Landing ADA At street ADA Max Ht ADA	Y	Y	
Top of flowline:	N	Y	
Adjacent to asphalt:	CR	Y	
Adjacent to pavers:	CR	Y	

Marking/Other

Mark Saw-Cutting	Numbered
DWP - Plastic	\$12/sq ft to install
Mark R&R	Y/N
5" R&R Sq. Ft. Cost	\$16
6" R&R Sq. Ft. Cost	\$18

Use Lifting for sunken & waterpooling panels	Y
Mark Lifting	N
Lifting Sq. Ft. Price	TBD

Scatter Sites	
Apply criteria to scatter sites?	Y
Survey only marked?	
Survey entire address?	Driveway
Survey entire block-face?	

Crest Hill Notes:

- *Prior Repairs-If presenting exceeds 4
- *Evaluate culverts as traditional sidewalk, not bridges.
- *Client Review any long stretches of depressed curb along sidewalk/

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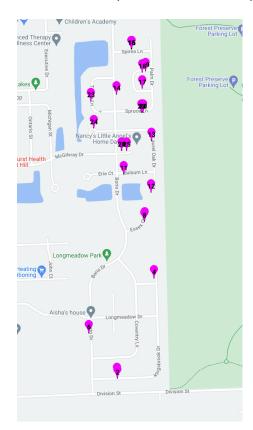
¹As measured at presenting face; recorded values will be for proper 12:1 repair

²Panels failing this criteria will be recorded for replacement regardless of offset

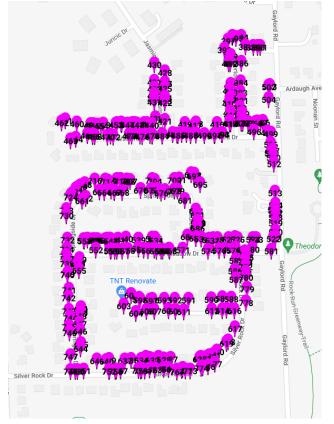


Defect Location Map

The map below indicates the approximate locations of sidewalk defects suitable for saw-cutting repair.





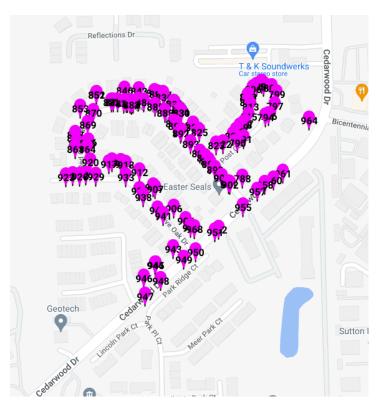


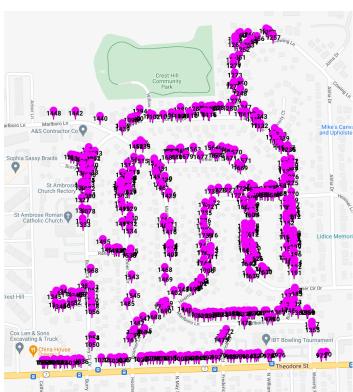
Due to the limitations of GPS mobile app technology, the locations shown above should be relied upon as approximate to their actual locations.

Map Data: Google

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Survey Summary

- 1. The survey was performed from 04/19/2024- 05/23/2024
- 2. 12.51 miles of sidewalk were surveyed
- 3. 1,756 total sidewalk defects were identified
 - 1. 1,302 were suitable for saw-cutting for a total of \$96,698.65
 - 2. 454 would require repair using alternative repair methods

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Cost Savings Analysis

The survey indicated that 1,302 trip hazards would require the removal & replacement of approximately 36,202.09 ft² of sidewalk.

At an average removal and replacement cost of \$16/ft², the total would be \$579,233.44.

The cost of saw cutting using Safe Step LLC would be \$96,698.65, a savings of \$482,534.79.

Total Trip Hazard Repairs: 1,302

Remove and Replace Cost: \$ 579,233

Safe Step Cost: \$ 96,699

Cost Savings: \$ 482,534

Saving money is important, but it's not the only thing...

We use a patented system to remove the unwanted concrete and leave behind an ADA compliant (12:1) slope.

In fact, we can repair a trip hazard in about 20 minutes from start to finish.

So there's no need to close off the area or tear up any sidewalks.

And our equipment is lightweight. The whole system fits inside of a 3' sidewalk. This prevents damage to surrounding

lawns or landscaping.

Our technicians are experts at repairing sidewalks.

But they're also encouraged to communicate with any residents who have questions.





ENVIRONMENTAL IMPACT EXAMPLE: 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. Removing and replacing 100 panels would result in approximately 118,500 pounds or 59 tons of concrete being removed (average panel weight of 1185 pounds) Using Precision Concrete Cutting for 100 trip hazards results in 0.3 tons of concrete removed and recycled, approximately 141 gallons of gasoline saved, and a reduction of 1.3 metric tons of Co2.

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The Safe Step Approach

Specifications

- 1. Repairs will be tapered to a 1:12 slope ratio and taken to a zero point of differential between adjoining sidewalk panels along the full width of the sidewalk, in accordance with ADA standards.
- 2. Repairs shall have a smooth and uniform finish with a coefficient of friction meeting OSHA requirements and shall not impact adjoining sidewalks, driveways, landscaping, or other objects within the vicinity of the work.
- 3. In instances where sidewalk conditions do not permit a 1:12 slope ratio, repairs will be made with the shallowest slope possible for the given sidewalk condition.

👶 Clean-up

- All saw-cutting will be performed without water-cooling; No slurry will be created eliminating the risk of "tracking" and run-off water contamination.
- 2. Saw mounted dust abatement systems will be used to minimize airborne dust. Containment systems are designed for fine dust applications.
- 3. Debris and concrete shall be cleaned from the sidewalk surface as well as surrounding rails, sidewalks, driveways, landscaping, or other objects within the vicinity of the work.

Reporting

- 1. Upon completion of the project, Safe Step LLC will provide a detailed and audit-able report. This report will include the street address or location, dimensions, and GPS coordinates of each repair made.
- 2. An invoice for payment will be provided when the projected has been completed. Payment in full is due **30 days** from the date of invoice. Late payments may be subject to a \$30 re-billing fee.



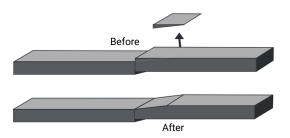
Safety and Insurance

- Safe Step LLC employees who work directly in slab displacement repair undergo a rigorous training process with emphasis on safe work practices, OSHA-approved personal protection equipment, and quality workmanship. It is not uncommon for our clients to receive unsolicited compliments on our safety practices and the quality of the work performed.
- 2. Safe Step LLC is fully licensed and insured. Proof of auto, liability, and workers compensation insurance are available upon request.

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Our Result





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Proposal Acceptance

Financial Parameters

- 1. Financial Parameters
 - 1. The total cost of the reporting and saw-cutting repairs will not exceed \$96,698.65.
 - 2. Safe Step LLC will accept full responsibility for any project cost overage, provided that the scope of the project is not altered once the project begins. Any requested change in scope will be fully discussed and approved by the City of Crest Hill prior to the start of the work on the revised area.

If this proposal is acceptable, please complete and sign below. We will contact you upon receiving this form to schedule your project.

Cost: \$96,698.65 Proposal #: 201918

Due to the ongoing supply chain issues and labor availability, the pricing in this proposal is only valid until July 10, 2024.

Billing Contact Name:	Ronald J Wiedeman				
Billing Email Address:	E20600 City Center Blvd, C	Crest Hill,	Illinois 60	0403	
PO Number:	PO Number (Optional)	Does this project require prevailing wage?: Yes/No			
Approved by:	Raymond Soliman,		Date:	7/1/2024 ned	
Signed: J	SIGNATURE Raymond Soliman	Title:	Mayor		

Client Notes:

Use this form to provide us with any other information we may need to know.

For a valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the above signed hereby agrees to defend, indemnify, and hold contractor harmless with respect to any and all liability whatsoever arising from contractor's activities in attempting to repair concrete sidewalk and other slabs owned by the above signed or within the above signed's dominion and control, and to defend, indemnify, and hold harmless contractor with respect thereto.

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