



Sidewalk Saw-cutting Executive Summary

Presented to: Jason Irvin
Village of Huntley
December 1, 2020





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Jason Irvin
Village of Huntley
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Jason,

Many of our clients with multi-year projects appreciate an executive summary of the sidewalk repairs that have been completed utilizing the Safe Step LLC horizontal saw cutting process. We have developed this report to provide you with data that we trust will help the Village of Huntley evaluate the effectiveness of utilizing our process as part of your ongoing safety compliance and sidewalk defect repair program.

The following information is provided in this summary:

- A pin map showing the approximate locations repaired this current year and prior years
- A summary page containing project information for each year as well as the estimated value of the Village of Huntley sidewalk infrastructure

On behalf of our entire team, we thank you again for the opportunity to serve the Village of Huntley!

Sidewalk Saw-Cutting Repair Summary

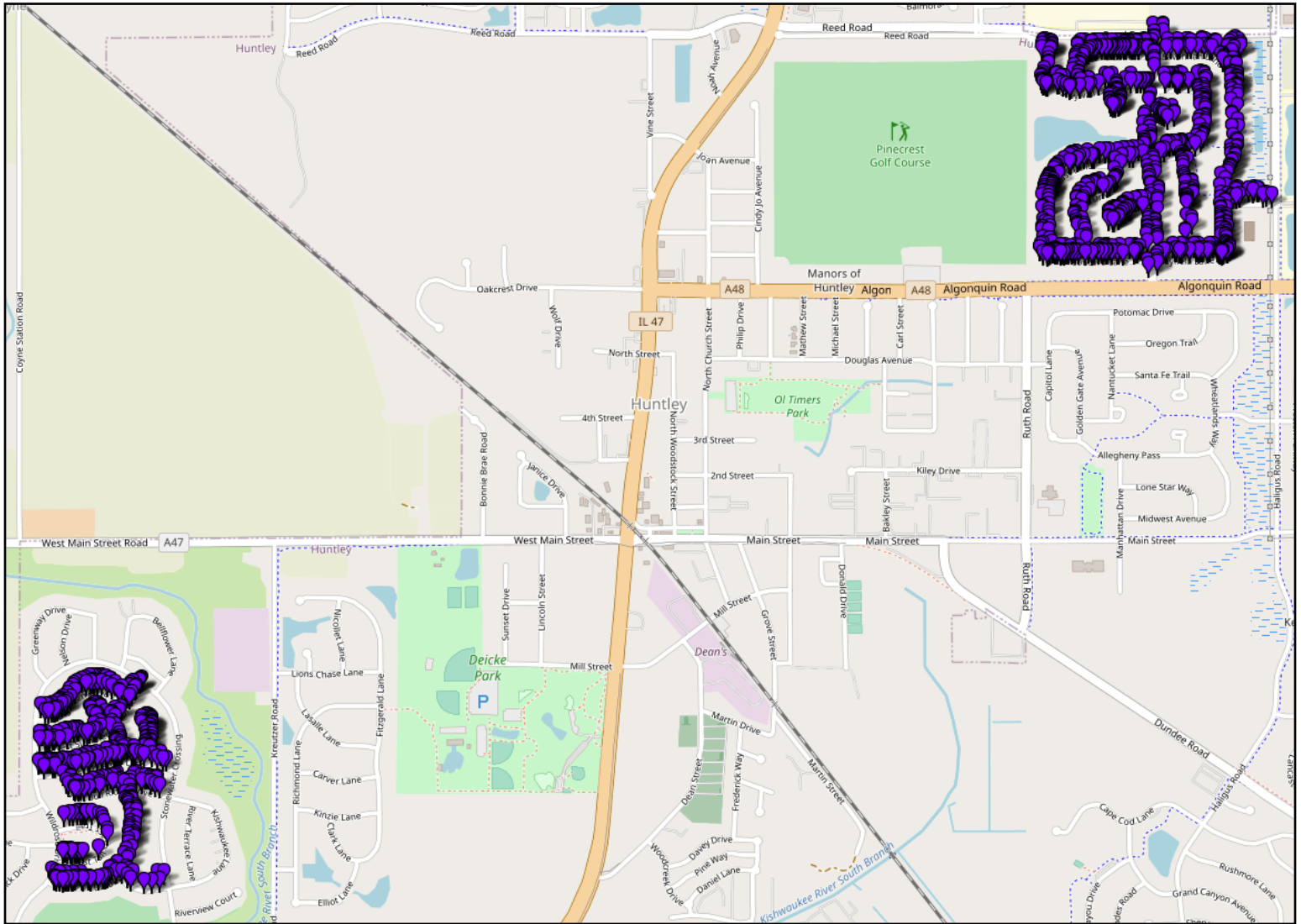
This Year:

1. The Village of Huntley did 2 separate saw cutting projects that identified a total of approximately 9.54 miles of sidewalk to evaluate for sidewalk repair; these sidewalks were evaluated for saw-cutting and R&R defects until the saw-cutting budget was consumed
2. A total of **1,439** sidewalk panel displacements were identified and repaired without heavy equipment use and while keeping the sidewalks in service
3. The total cost of the survey and reporting, saw-cutting, and recycling of debris was **\$97,329**

Prior Years:

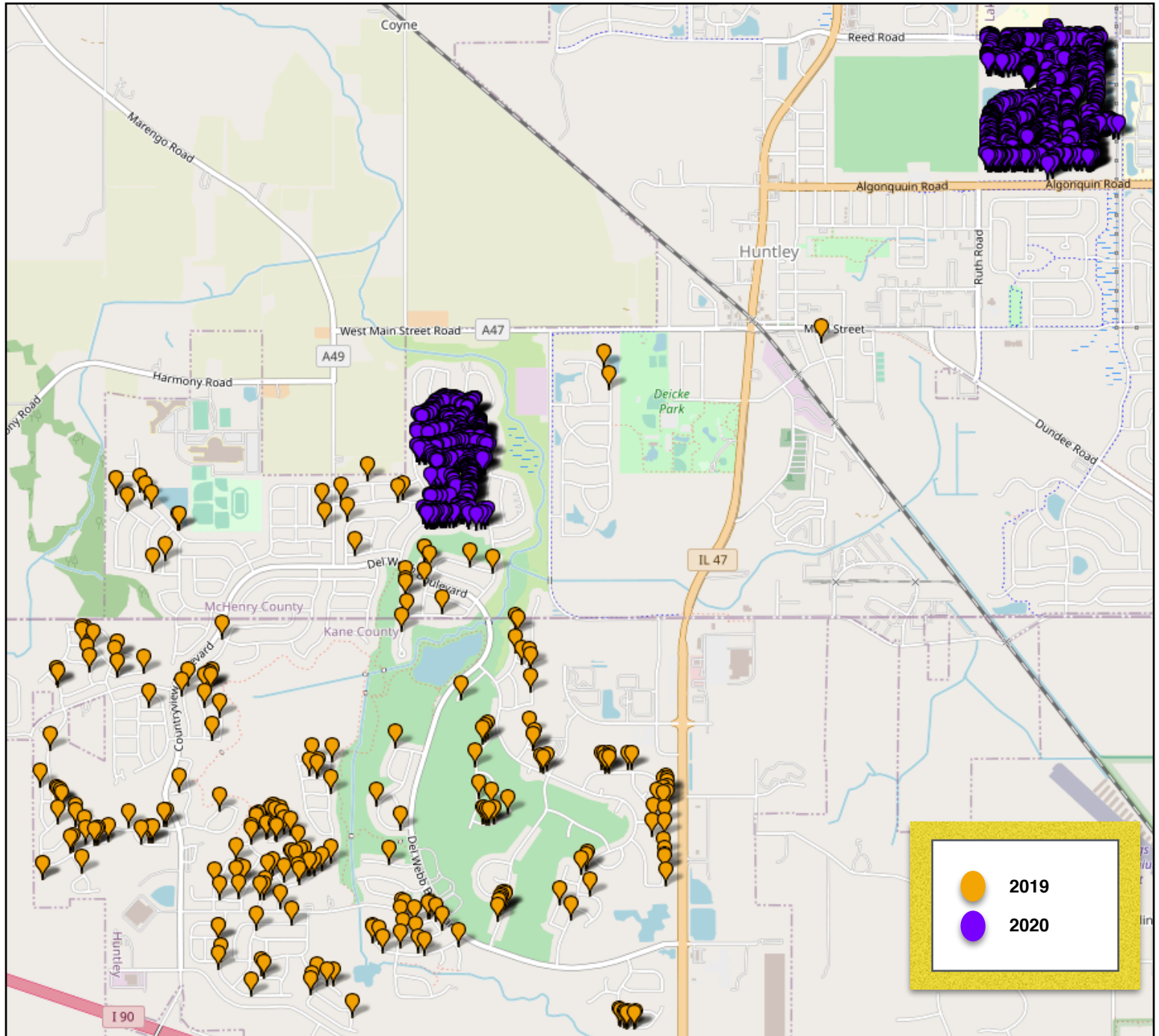
4. Safe Step LLC has surveyed and repaired sidewalk defects in 2019 and 2020
5. During that time **1,705** total sidewalk panel displacements have been repaired, improving safety of public walkways
6. Based on an average replacement cost of **\$6.50 per sq. ft.**, we estimate the Village of Huntley has saved a total of **\$233,487** utilizing saw-cutting instead of replacement

2020 Sidewalk Repair Locations



This map shows the approximate locations of trip hazards that were repaired by Safe Step LLC. The accuracy of these maps is dependent on the technology available on smart phones and should be relied upon as approximations only. Map data: Google.

2019 - 2020 Sidewalk Repair Locations



This map shows the approximate locations of trip hazards that were repaired by Safe Step LLC. The accuracy of these maps is dependent on the technology available on smart phones and should be relied upon as approximations only. Map data: Google.

Rob Strauss • Project Manager • (920) 540-7414 • Rob@NoTrippin.com • www.notrippin.com
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Village of Huntley - Information Summary

5 Year Sidewalk Project Information

Year	Displacement Criteria	Avg. Sidewalk Width	Repairs Made	Total Saw-Cutting Cost	Est. Sidewalk Miles For Project Area*	Saw-Cutting Per Mile	Est. Sidewalk Value For Project Area**	Est. Sq. Ft. Saved	Est. Savings over R&R**
2019	1/4" - 3/4"	5.0	266	\$19,446	Scattered Sites	N/A	N/A	7,882	\$31,787
2020	3/8" - 1 3/8"	5.0	1439	\$97,329	9.5	\$10,202	\$1,637,064	28,039	\$84,925
		5.0	1,705	\$116,775	9.5	\$12,241	\$1,637,064	35,921	\$116,712

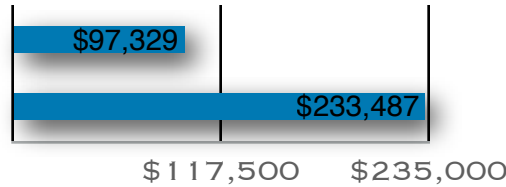
*Sidewalk mile estimates are based on available satellite GPS measuring tools

**Square foot price used in calculations: \$6.50

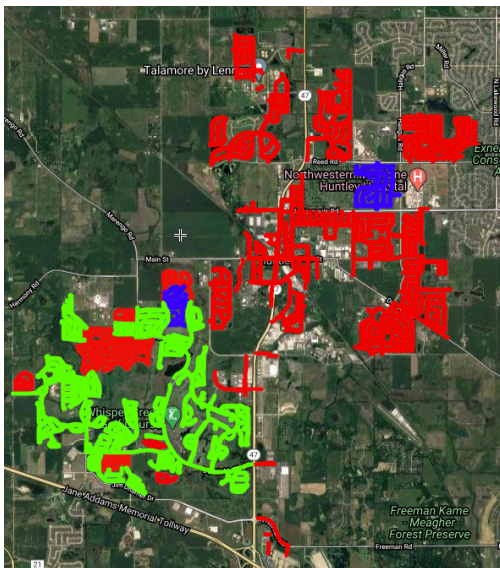
COST COMPARISON

Safe Step LLC

R&R



Village of Huntley - Total Estimated Sidewalk Infrastructure



The highlighted portion of the map to the left indicates the approximate locations of all sidewalks in the Village of Huntley. We approximate there to be **185.4** total miles of sidewalk. At an average panel width of **5 ft** and based on \$6.50 per sq. ft., the total sidewalk infrastructure value is **\$31,816,356**.

Est. Sidewalk Miles	Avg. Width	Est. Total Value of Sidewalk
185.41	5	\$31,816,356

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THE SAFE STEP LLC 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

1. 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 project 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

1. 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.



Proprietary Technology

1. Safe Step LLC is the only entity in Wisconsin, Northern Illinois, and Southeast Minnesota authorized to use the Precision Concrete Cutting method for removing sidewalk trip hazards as described by the following patent numbers: U.S. Pat. No. 6,827,074, U.S. Pat. No. 7,000,606, U.S. Pat. No. 7,143,760, U.S. Pat. No. 6,896,604, U.S. Pat. No. 7,201,644, U.S. Pat. No. 7,402,095. These patents refer to the equipment, methods, and dust abatement systems used by Safe Step LLC. A sole source letter is available upon request.