



Crest Hill, IL

Meeting Date:	February 18, 2025
Submitter:	Ronald J Wiedeman
Department:	Engineering
Agenda Item:	2024-Sidewalk Cutting Program Summaries & 2025 Fiscal Yr.-Sidewalk Cutting Proposed Program

Summary: The 2024 sidewalk cutting program has been completed, see attached Executive Summary for finding and amount of work completed.

The scope of work approved by council for 2024 included the evaluation of the existing sidewalk based on criteria set by the City to determine required repairs. Non-compliance sidewalk identified to be corrected by saw cutting would be completed to bring those sections of sidewalk back into compliance. The project last year included work in Wards 1-4 as outlined below. This work was completed for a cost of \$96,161.00 (field survey and construction).

- Ward 1- Area bounded by Theodore and Burry Circle-5.23 Miles
- Ward 3-Fox Meadow; Crest Estates and Oak Tree Subdivisions-4.11 Miles
- Ward 4-Cambridge Crest-3.17 Miles
- Ward 2-Driveway only in the same area as the pilot program

Per the Executive Summary the following objectives were achieved:

1. 12.48 miles were evaluated in all 4 wards for methods of remediation or repair work required to bring the sidewalk into compliance.
2. Safe Step repaired by saw cut 1,107 sidewalk panels bringing them back into compliance.
3. City staff along with representatives of Safe Step developed a strategic and proactive program establishing a 25 points criteria for defect identification and classification.
4. The field survey was completed and the data collected was imported into an exclusive portal call " Sidewalk Central" where staff reviewed each location and recommendation and signed off on the repair method suggested.
5. The fieldwork documented 37 existing ADA ramps that are not currently compliant with the last regulations and will be included in future concrete flatwork programs to be replaced and brought up to compliance.

6. The result of completing the existing sidewalk evaluation, documentation saved staff an estimated 192 hours and collected 45,656 data points. Costs associated with this work will be discussed below and can be found in the attached executive summary.
7. The cost saving associated with bringing existing sidewalk into compliance with ADA using this method instead of removal and replacement is \$96,161.00 for saw cutting compared to an estimated cost of \$334,180.00 for removal and replacement with new sidewalk.
8. This year's executive summary includes the total work completed in all 4 wards, but also broken down by each ward.
9. This executive summary report is currently posted on the city website under the engineering department.

Feedback with this process continued to be very positive, efficient and saved a significant amount of time and money. The program saved time for staff by not having to perform the field work to evaluate and collect locations, time spent preparing and advertising for bids and then supervising a contractor to get the work completed.

Staff would like to continue with this program in 2025 and fund the program to include \$35,000 of evaluation and \$50,000 in saw cutting paid out of MFT funds. The project this year will include work in Wards 1-4 as outlined below.

- Ward 1-Area bounded by Oakland Ave, Pasadena Ave, Elsie Ave & Center St-1.56 miles
- Ward 2- Area bounded by Theodore, Arbor Ln and Marlboro Dr.-1.68 Miles
- Ward 2-Willow Circle Dr-Included in 1.68 Miles above.
- Ward 3-Area bounded by Cedarwood Dr, Pioneer Rd, Theodore and Ingalls-3.05 Miles
- Ward 3-Caton Crest Subdivision- Included in 3.05 Miles above.
- Ward 4-Area bounded by Grandview, Root St, Weber Rd and Plainfield Rd-4.69 Miles

The evaluation will be conducted using the criteria already determined by the city. Work is scheduled to be conducted in late winter or early spring 2025.

Once the field evaluation is completed and reviewed, staff will come back to the council with a proposal from Safe Step for sidewalk cutting repairs up to \$50,000.00. The sidewalk cutting used by this firm is a proprietary technology executive held by Safe Step, LLC.

Recommended Council Action: A resolution approving an agreement for 2025 sidewalk cutting program-survey by and between the city of Crest Hill, Will County, Illinois and Safe Step, LLC. for a cost of \$35,000.00.

Financial Impact:

Funding Source: MFT

Budgeted Amount: \$85,000-Fiscal Year 2026 MFT Budget

Cost: \$35,000-Survey Only

Attachments:

2024 Crest Hill Executive Summary.pdf

Crest Hill Spring Evaluation Maps

Resolution-2025 Sidewalk Cutting

Updated Proposal Crest Hill 2025 Engineering Evaluation.pdf