



SIDEWALK INSPECTION AND REPAIR PROGRAM

I. Purpose

The goal of the Village of Gurnee's sidewalk inspection and repair program is to provide residents with walkways that are sound and safe for pedestrian traffic.

II. Criterion for Sidewalk Inspection and Repair

The Village of Gurnee makes every effort to care for and maintain its property in a reasonably safe condition for its intended purpose.

There are two basic means through which the Village will become informed of sidewalks that are not in a reasonably safe condition; citizen's notification and the village-wide sidewalk inspection program.

A. Citizen Notification

It will be the responsibility of the Public Works Department to conduct a sidewalk inspection in response to citizen notifications. A citizen notification of sidewalk conditions should be directed to the Street Division within Public Works.

Once a citizen's notification is received, a member of the Public Works Department Staff will be dispatched to evaluate the condition of the sidewalk and determine if the condition is not reasonably safe. The potentially hazardous sidewalk will then be scheduled for repair as needed.

B. Village-wide Sidewalk Inspection Program

The Public Works Department will implement a program for the systematic inspection of all municipal sidewalks that ensures that all sidewalks will be inspected once every five years. All public sidewalks will be divided up into five generally equal geographic areas that will be inspected on a five year rotation. The Public Works Director or designee will direct the physical inspection of sidewalks. If the Public Works Director determines that there is not enough personnel to conduct the inspection in-house, the Director may enter into a contract for this service if there are sufficient funds in the Public Works Department budget.

III. Sidewalk Evaluation Procedures

After receiving a resident's notification of a sidewalk condition or as a result of the periodic inspection program, the Director of Public Works will establish a list of sidewalks which have been determined potentially hazardous pursuant to the criterion attached and develop a sidewalk repair or replacement schedule.

The basic criterion for selecting sidewalk sections for removal and replacement or for mudjacking/grinding is the identification of potential tripping hazards. Sidewalks that have conditions that are determined to be non-compliant (see Appendix 1: Sidewalk Rating

Categories) due to vertical displacement or settlement are considered potentially hazardous and are eligible for inclusion in a replacement program.

When a segment of sidewalk has been identified as non-compliant, the inspector shall record the following information:

1. The street address at which the sidewalk is located
2. The length and width of the sidewalk
3. The condition of the sidewalk
4. The type of repair work to be completed (Mudjack or Full Replacement)
5. A picture of the sidewalk to record the condition at the time of inspection

Depending on the severity and schedule for remediation, the Public Works Department may make a temporary repair by placing cold patch at this location, placing a barrier around the damaged sidewalk, or conducting some other repair that will remedy the potential hazard temporarily.

Once the annual evaluation is complete, the results will be submitted to the Public Works Department for inclusion on the annual sidewalk replacement program.

IV. Replacement Program Procedures

A. Prioritizing Sidewalk for the Replacement Program

The Director of Public Works will annually plan for a sidewalk replacement and/or mudjacking/grinding program. The Director of Public Works will compile the list of sidewalks that have been reported as non-compliant through resident notification and the annual inspection program. If the cost to repair or replace all of the sidewalks on the list is greater than the programmed budget for sidewalk replacement, the Director of Public Works shall prioritize the sidewalk by location and condition so as to maximize available funding. Sidewalks that qualify for replacement or repair that exceed budgetary constraints shall be included in a future program.

B. Bidding Procedures for the Replacement Program

The Director of Public Works shall secure a contract for the sidewalk replacement program through a competitive bid process. This may be directly bid by the Director or utilize joint bids through other local communities. Construction shall begin once the contract is approved by the Village Board.

C. ADA Compliance

In as much as there are requirements for installation in accordance with the American with Disabilities Act, all reasonable efforts will be made to construct or reconstruct sidewalks to meet the appropriate ADA guidelines. This includes sidewalk ramps at all curbs, proper grades and landings, and any other requirements that can be met.

Appendix 1: Sidewalk Rating Categories

A sidewalk shall be categorized based upon whether it meets one or more of the conditions in a category.

Compliant

- New sidewalk
- Cracking - structural cracks separated up to $\frac{1}{4}$ inch
- Joint Deterioration – separation up to $\frac{1}{4}$ inch
- Vertical Displacement up to 1 inch
- Settlement - with persistent pooling water less than 1 $\frac{1}{2}$ inches deep
- Spalling – up to 35 percent of the surface sidewalk chipping away, spotted or more than eight (8) craters in a square foot
- Side slope – $\frac{1}{2}$ inch to 1 inch per foot (without evidence of a continuing slope accentuation)

Non-Compliant

- Cracking – severe structure defects, map cracking with no loose pieces, separation up to $\frac{1}{4}$ inch to $\frac{1}{2}$ inch
- Joint Deterioration – chipped or cracked, separation more than $\frac{1}{4}$ inch
- Vertical Displacement – greater than 1 inch
- Settlement - with persistent pooling water greater than 1 $\frac{1}{2}$ inches deep
- Spalling – greater than 35 percent of the surface chipped away
- Side slope – greater than $\frac{1}{2}$ inch per foot (with evidence of a continuing slope accentuation, i.e., tree root)