

VILLAGE OF HOMEWOOD



BOARD AGENDA MEMORANDUM

DATE OF MEETING: September 28, 2021

To: Jim Marino, Village Manager

From: John Schaefer, Director of Public Works

Topic: Bid Award, 2021 Sidewalk Saw-cutting/Grinding of Sidewalk Trip Hazards

PURPOSE

As part of the Village's ongoing infrastructure maintenance program, Public Works completed a Village Sidewalk Survey to identify trip hazards. This sidewalk evaluation is typically initiated and completed every 3 years. There are currently +/-12,500 trip hazards on Village owned sidewalks. Repairing all of these trip hazards with conventional concrete removal and replacement methods would cost approximately \$2,500,000. Public Works proposes using the saw cut and grinding method to repair these hazards. Saw-cutting/grinding of sidewalk trip hazards can be completed at a fraction of the cost of conventional concrete removal and replacement methods, is more efficient, and far less intrusive.

The Village spends approximately \$100,000 each year to fix trip hazards to comply with ADA regulations. However, due to rising construction costs, it has become obvious that a less costly method of trip hazard repair is needed in order to better manage these hazards. The saw cut/grinding method of repair has become very popular throughout the United States including the Chicagoland area due to the notable cost saving benefits over traditional concrete replacement. Some standard concrete replacements will still be needed to repair certain trip hazards that exceed the 1.5-inch vertical displacement tolerance. With the number of repairs to be done, contracting out the work is more efficient and cost effective.

PROCESS

Staff prepared bid specifications for the saw-cutting and grinding of trip hazards having 0.5-inch to 1.5-inch of vertical displacement. Work will be performed on various portions of sidewalks along twelve (12) Village streets as listed below:

STREET	FROM	TO	MAP SECTION
Rockwell Avenue	Locust Road	Dead End	3
Spruce Road	Dixie Highway	Western Avenue	4
Elder Road	Center Avenue	Aberdeen Street	14
Olive Road	Center Avenue	Aberdeen Street	14
Gottschalk Avenue	Evergreen Road	Willow Road	20
Homewood Avenue	Evergreen Road	Willow Road	20

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Highland Avenue	183 th Street	Willow Road	20
Marshfield Avenue	Evergreen Road	Willow Road	20
Evergreen Road	Marshfield Avenue	Highland Avenue	20
Ashland Avenue	Idlewild Lane	187 th Street	24
Delta Road	Coach Road	May Street	25
Jodi Terrace	191 st Street	Dead End	25

The streets listed were either resurfaced this year or scheduled to be resurfaced next year. Sidewalk trip hazards are normally repaired with conventional concrete methods at the same time the street is resurfaced. Saw-cutting/grinding these trip hazards prior to the road being resurfaced will save street resurfacing funds that can be better allocated for the repair of roadways.

OUTCOME

Initially, bids for the project were received and were opened and read on September 7, 2021 at 10:00 a.m. Unfortunately, only one bid was received and the project was rebid. After rebidding for 10 days, Public Works received four (4) bids which were opened and read aloud on September 17, 2021 at 10:00 a.m. Of the four bids, Universal Concrete Grinding of Girard, OH was the lowest responsible bidder. Staff checked the experience and references of Universal Concrete Grinding LLC and is satisfied with their past performance and believes that the contractor can complete the work as specified in the contract documents. Bid results are shown on the attached tabulation.

FINANCIAL IMPACT

- **Funding Source:** Bond Proceeds & General Fund
- **Budgeted Amount:** \$29,100 (Bond Proceeds) and \$20,900 (General Fund)
- **Cost:** Not to exceed \$50,000

LEGAL REVIEW: Not Required

RECOMMENDED BOARD ACTION

Award a bid for the 2021 Sidewalk Saw-cutting/Grinding of Trip Hazards to Universal Concrete Grinding LLC of Girard, OH, the lowest responsible bidder, at a unit price of \$35.33 per cut/grind location in an amount not to exceed \$50,000.

ATTACHMENT(S): Tabulation of Bids