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MONTHLY PROJECT STATUS UPDATE

Lakeside Park, Kentucky

12/4/2023

City

Date

Prepared by: Martin Hellmann

Item No.	Status		
1.	<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Project Name: 2023 Street Program</td> <td style="width: 40%;">Project Number: 220718</td> </tr> </table> <p>The 2023 street program will consist of the resurfacing of West Lakeside between Gilmore and 102 West Lakeside (where the concrete pavement begins).</p> <p>All work is complete. The City is currently holding back 1% in retainage (\$1,190.76) until next spring to cover yard restoration if needed.</p> <p>Original Contract Price: \$164,830.00 Net Change Orders: -\$45,754.00 Current Contract Price: \$119,076.00 Amount Paid to Date: \$117,885.24 Amount Remaining: \$1,190.76</p>	Project Name: 2023 Street Program	Project Number: 220718
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<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Project Name: Sidewalk Assessment (ARPA Funds)</td> <td style="width: 40%;">Project Number:</td> </tr> </table> <p>Precision Concrete Cutting (PCC) has completed their assessment of the City's sidewalk (total cost to date: \$1,767.50). A comprehensive report of noteworthy sidewalk defects has been submitted to the City.</p> <p>In general, the assessment was pretty good at comprehensively identifying and classifying the various problems in the sidewalk. The map has yellow (1/4" – 3/8") and red (1/2" – 2") tear drops which can be ground down using their equipment. They also have a variety of other defects identified by various colors of squares and stars. These are issues that cannot be addressed through the grinding process and will need to be further evaluated to fully determine the correct fix, which in the worst case would be removal and replacement. The squares and stars also do not identify the full scope of the damages (i.e. it may impact 2, 3, 4 or more sections of sidewalk but the total length isn't clearly identified). To fully understand the cost for sidewalk repairs, further evaluation will need to be done to determine the amount of sidewalk that needs to be replaced in addition to the edge grinding.</p> <p>A few thoughts to share on the sidewalk assessment so we can further discuss at our meeting on Thursday.</p> <ol style="list-style-type: none"> 1. PCC provided a proposal to with two levels of grinding options. One level is for all hazards 1/4" to 2" (yellow and red teardrops) and another level for all hazards 1/2" to 2" (red teardrops only) If the City moves forward with this I would recommend the red tear drops only, as the others are less then a 1/2". 2. PCC has indicated that they will hold their proposal fee over multiple years, if the City commits to the full project up front. 3. We can do a more detailed analysis of the sidewalk to determine the length of 	Project Name: Sidewalk Assessment (ARPA Funds)	Project Number:	
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	<p>replacement required by walking the sidewalks and marking and measuring limits. Or we could take the areas that have been identified with squares and stars and make some assumptions about the number of sections that need to be replaced at each of these to come up with an estimated construction cost.</p> <ol style="list-style-type: none"> 4. The work by PCC and the work for sidewalk replacement will need to be done by separate contractors at separate times. Ideally we will only approach the homeowners regarding assessment one time with one total cost, so a lot of coordination will need to take place. 5. We will need to identify the criteria for sidewalk replacement. Are we only addressing trip hazards? There are areas that are cracked and or spalled that aren't necessarily trip hazards but present other concerns. Different people's thresholds for how much sidewalk they are willing to replace will vary, so it will be very necessary to have a consistent reason for replacing sections of sidewalk. 6. On Arcadia, I would guess that nearly half of the sidewalks will need to be replaced. Do we want to consider just replacing everything at that point? It will have better long term results, but of course results in increased price. 7. Other streets don't need as much work so the full replacement question really only applies to Arcadia. 8. We will need to address how to handle trees adjacent to the sidewalk on Arcadia. 9. Should the City proceed with work on Turkeyfoot, Dixie and Buttermilk (state roads)? 		
<p>3.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Project Name: 2023 Joint and Crack Seal Program</td> <td style="width: 40%; text-align: right;">231625</td> </tr> </table> <p>This year's list of streets for joint and crack sealing will consist of:</p> <ul style="list-style-type: none"> • Shaker Ct. • Marlo Way, Penwood to W. Lakeside • Brittany Court • Penwood Ct • Locust Ave., Penwood to Evergreen (Alternate) • Evergreen (Alternate) <p>The project was awarded to Riegler Blacktop in the amount of \$35,302.50.</p> <p>Della Way will be added to the list if they are within budget as they draw close to completing the streets from the bid.</p> <p>Work is complete. CT is currently processing Riegler's payment request. Final requested price is \$27,135.00</p>	Project Name: 2023 Joint and Crack Seal Program	231625
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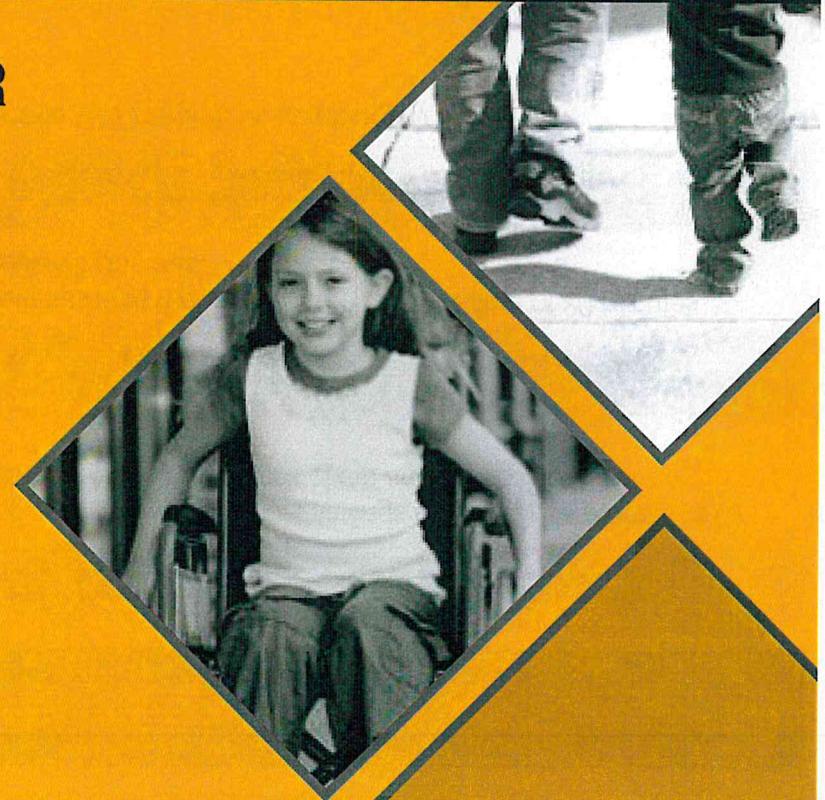


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SIDEWALK TRIP HAZARD REPAIR PROPOSAL (PHASE I):



The City of Lakeside Park



Presented to: The City of Lakeside Park
September 2023

The information in this proposal is confidential, and is to be used only by the intended recipient and Precision Concrete Cutting in evaluating the project. Any copying or unauthorized disclosure of this information is prohibited.



COMMITMENT SUMMARY

COST SAVINGS

We'll repair your sidewalks for 50-90% less than sidewalk replacement, meaning you can do more for your city for less.

A.D.A. COMPLIANCE

Patented technology that helps bring sidewalks into ADA compliance.

CLEAN

Our patented containment system captures dust and debris to bring you the cleanest process available.

SAFE

Decrease liability on your pedestrian walkways.

DETAILED RISK ASSESSMENT

Our clients often report a cost savings on insurance premiums by reducing their liability and risk of trip and fall accidents.

LOW IMPACT

Efficient systems with an average removal time of 20 minutes, no sidewalk closures.

FULL SERVICE CONTRACTOR

Complete GIS integration, mapping, etc.



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.



OVERALL PHASE I PROJECT FOOTPRINT



This proposal depicts the repairing of uneven sidewalks for this part of the City of Lakeside Park. The footprint area is highlighted in **RED** & **GREEN**.

PROJECT GOALS & STATISTICS

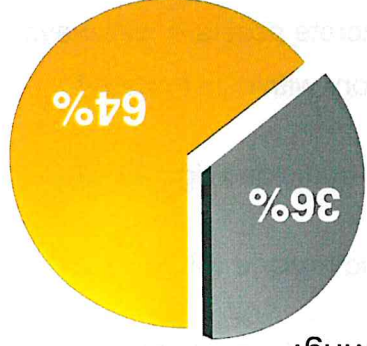
- Extend the usable life of the city's concrete assets & walkways.
- Construct a complete sidewalk inventory within designated footprint.
- Eliminate trip hazards within high foot-traffic and right-of-way walk.
- Identify panels in need of demolish and replace within designated footprint.
- 1,839 hazards total identified (1,431 hazards repairable through PCC methods).
- 6,175.75 linear feet of trip hazards that are repairable through PCC methods.
- Overall Footprint Average Max Hazard Height: 0.516".
- Estimated to save a total of **844.29** tons of concrete through PCC Methodology.

The map in this proposal shows the project footprint for trip hazard repair in this part of the City of Lakeside Park. The area has been assessed for trip hazards for audit and trends. The accuracy of these maps is dependent on cellular location technology available, and should be relied upon as approximations.

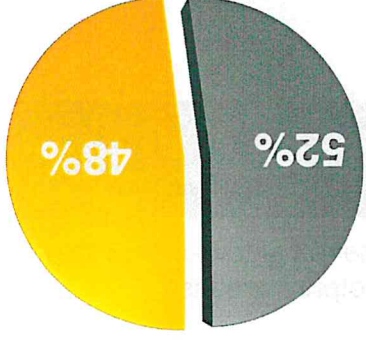
OVERALL PROJECT FOOTPRINT COST SAVINGS ANALYSIS



Based off \$9.50 cost per square foot to remove and replace a sidewalk panel, we estimate the following:



Total cost using Precision Concrete Cutting with **Option A** is **\$123,515.00**, an estimated savings of **\$216,347.50**.



Total cost using Precision Concrete Cutting with **Option B** is **\$87,400.00**, an estimated savings of **\$81,937.50**.

Option A	Option B
• 1:12 Ratio Slope	• 1:12 Ratio Slope
• Complete Clean Up & Recycle	• Complete Clean Up & Recycle
• Dust Abatement System	• Dust Abatement System
• Detailed Audit-able Invoice	• Detailed Audit-able Invoice
• Hazards 1/4" to 2"	• Hazards 1/2" to 2"
• Repairable by PCC Methods	• Repairable by PCC Methods
• \$20 / Linear Foot	• \$25 / Linear Foot
• Same Price per Hazard Regardless Severity	• Same Price per Hazard Regardless Severity
• Total Time: 21 - 25 days (Weather Dependent)	• Total Time: 15 - 19 days (Weather Dependent)
• ALL Teardrop Pins	• RED Teardrop Pins ONLY
\$123,515.00	\$87,400.00

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THE PRECISION CONCRETE CUTTING DIFFERENCE

Our patented technology and innovative sidewalk repairs process leaves you with a beautiful, smooth surface that is ADA compliant - a result you can't get with grinding. Plus, our method saves you money!

