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MONTHLY PROJECT STATUS UPDATE

Lakeside Park, Kentucky

1/29/2024

City

Date

Prepared by: Martin Hellmann

Item No.	Status	
1.	Project Name: 2023 Street Program	Project Number: 220718
	<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>	
2.	Project Name: Sidewalk Assessment	Project Number:
	<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 replacement required by walking the sidewalks and marking and measuring limits. 	

	<p>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: 2024 Joint and Crack Seal Program</td> <td style="width: 40%;">230286</td> </tr> </table> <p>CT will proceed with preparing construction documents for this year's joint and crack seal program consisting of:</p> <ul style="list-style-type: none"> • Colony South • Hudson (concrete sections) • Cahill • Marian • Carran (Concrete sections) <p>Preliminary Opinion of Cost \$40,000.</p> <p>Tentative Schedule: July - October 2024</p>	Project Name: 2024 Joint and Crack Seal Program	230286
Project Name: 2024 Joint and Crack Seal Program	230286		
<p>4.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Project Name: 2024 Spot Repair Program</td> <td style="width: 40%;">230286</td> </tr> </table> <p>CT will proceed with preparing construction documents for various concrete pavement repairs throughout the City. These repairs will consist of the replacement of select sections of concrete pavement and curb in the following locations:</p> <ul style="list-style-type: none"> • Marlo Way near 119 West Lakeside • Evergreen at the Locust Intersection • Marian at church parking lot • Carran at Anbeth • Farmington at 250 Farmington <p>The following will consist of repairs to various damaged and cracked joints by partial removing the damaged pavement and patching with asphalt pavement. This will act as a holdover until the section can be put in the 5 year program:</p> <ul style="list-style-type: none"> • Applewood – Ashbrook to cul-de-sac <p>Preliminary Opinion of Cost \$85,000</p> <p>Tentative Schedule: July - October 2024</p>	Project Name: 2024 Spot Repair Program	230286
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Memorandum

To: City of Lakeside Park

From: Marty Hellmann, PE

Subject: 2024 Street Repair Recommendations

Date: December 20, 2023

According to the current 5-Year Street Plan, 2024 is scheduled to have a variety of spot concrete repairs throughout the City rather than a typical street reconstruction which will address an entire section of street. The proposed repairs will consist of the removal of select panels of concrete pavement where it is severely cracked or settled.

Based on a review of the streets in the City by Steve Greer and me, here are the recommended repairs for the 2024 Repair Program:

1. **Marlo Way** – Near 119 W. Lakeside – repair concrete with bad joints and spalled surface
Preliminary Opinion of Cost: \$15,000





2. **Evergreen** – At the intersection with Locust – curb and pavement repair where it is cracked and settled.
Preliminary Opinion of Cost: \$5,000





3. Marian – At parking lot entrance – repair section with spalled surface
Preliminary Opinion of Cost: \$10,000



4. Carran – At Anbeth Intersection – repair settled section
Preliminary Opinion of Cost: \$10,000



5. Farmington – 250 Farmington – repair section with joint damage, and cracking
Preliminary Opinion of Cost: \$15,000



6. Applewood – Ashbrook to cul-de-sac
There are a variety of damaged joints throughout this section. The most commonplace is diamond shaped cracking patterns along the centerline joints, known as d-cracking. This type of damage is so widespread throughout the pavement section that it is difficult to identify any practical place to begin or end repairs. It is to the point where it should be considered for full replacement rather than piecemeal repairs. This street is not currently on the 5-year street plan for repairs. We would recommend doing partial depth pavement repairs to the damaged joints, which would consist of grinding down the pavement a couple of inches around the perimeter of the damage area to provide a straight, clean edge, and patching it in with asphalt. This will allow the street to make it another 4-5 years for a reconstruction without continued cleanup of potholes and loose surface material. I would anticipate that this street will be the next street on the list after the current 5-year plan.

I would recommend a conservative budget number of **\$30,000** for these repairs.

Total Preliminary Cost for 2024 Street Repairs: \$85,000

Total Preliminary Cost for 2024 Joint and Crack Seal: \$40,000

Currently budgeted amount for 2024: \$300,000

It appears there will be additional funding available if we want to add something into the 2024 project list. This could include additional joint and crack sealing or sidewalk repairs as has been discussed.

