

**Louisville Metro Council City Agency Request**  
**Neighborhood Development Fund (NDF)**  
**■ Capital Infrastructure Fund (CIF)**  
**Municipal Aid Program (MAP)**  
**Paving Fund (PAV)**

**Primary Sponsor:** Councilman Bill Hollander

**Amount:** \$44,485.88 **Date:** September 22, 2020

**Description of program/project including public purpose, additional funding sources, location of project/program and any external grantee(s):**

CIF grant to MPW for sidewalk repair on both sides of Frankfort Avenue between Cannons Lane and Pope Street by Prescision Concrete Cutting. Includes the shaving down and repair of 485 hazards. All funding provided by D9 office.

**City Agency:** Metro Public Works  
**Contact Person:** Craig Allen  
**Agency Phone:** 502-574-6159

**I have reviewed this request for an expenditure of city tax dollars, and have determined the funds will be used for a public purpose and have the attached documentation from the receiving department concerning the project/expenditure.**

9	<input type="checkbox"/>	<u>Bill Hollander</u>	\$44,485.88	9/22/2020
District #		Council Member Signature	Amount	Date

**Approved by:** \_\_\_\_\_  
 Appropriations Committee Chairman Date

**Clerk's Office & OMB Use Only:**

Request Amount: \_\_\_\_\_ Amended Amount: \_\_\_\_\_  
 Reference #: \_\_\_\_\_ To OMB: \_\_\_\_\_  
 Budget Revision #: \_\_\_\_\_  
 Account #: \_\_\_\_\_  
 To Project Manager: \_\_\_\_\_ Completion Date: \_\_\_\_\_  
 Actual Cost: \_\_\_\_\_ Funds Returned: \_\_\_\_\_

**NDF, CIF, MAP OR PAV INTERAGENCY CHECKLIST**

<b>Interagency Name:</b> Metro Public Works	
<b>Program/Project Name:</b> Repair by PCC of Frankfort Avenue Sidewalks between Cannons & Pope	
	<b>Yes/No/NA</b>
<b>Request Form:</b> Is the Request Signed by all Council Member(s) Appropriating Funding?	Yes <input type="checkbox"/>
<b>Request Form:</b> If matching funds are to be used, are they disclosed with account numbers in the request form description?	NA <input type="checkbox"/>
<b>Request Form:</b> If matching funds are to be used, does the amount of the request exclude the matching fund amount?	NA <input type="checkbox"/>
<b>Request Form:</b> If other funds are to be used for this project, are they disclosed with account numbers in the request form description?	NA <input type="checkbox"/>
<b>Funding Source:</b> If CIF is being requested, does Metro Louisville own/will own the real estate, building or equipment? If not, the funding source is probably NDF.	Yes <input type="checkbox"/>
<b>Funding Source:</b> If CIF is being requested, does the project have a useful life of more than one year? If not, the funding source is probably NDF.	Yes <input type="checkbox"/>
<b>Ordinance Required:</b> Is the NDF request to a Metro Agency greater than \$5,000? If so, an ordinance is required.	NA <input type="checkbox"/>
<b>Ordinance Required:</b> Is the request a transfer from NDF to cost center? If so, is the amount given for the fiscal year \$25,000 or less?	No <input type="checkbox"/>
<b>Supporting Documentation:</b> Does the attachment include a valid estimate and description of cost?	Yes <input type="checkbox"/>

Submitted by: Kyle EthridgeDate: 9/22/2020



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# SIDEWALK TRIP HAZARD REPAIR PROPOSAL (PHASE XXIX)



Presented to: Louisville Metro Public Works, Craig Allen  
September 2020

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 XXIX Project Goals & Statistics

This proposal depicts the repairing of uneven sidewalks, through PCC methods, on Frankfort Ave sidewalk from Cannons Ln to Pope St. The footprint location is highlighted in **RED**.

### PROJECT GOALS & STATISTICS

- Extend the usable life of the City of Louisville's concrete assets & walkways.
- Construct a sidewalk inventory of hazards within footprint.
- Identify and classify panels in need of demolish and replace within designated footprint.
- Eliminate trip hazards within high foot-traffic areas and sidewalks.

- 732 total hazards identified (485 total hazards repairable through PCC methods).
- 3,295.25 total linear feet of trip hazards identified as repairable through PCC methods.
- Overall total footprint average maximum hazard height: 0.477 inches.

43.71% of repairable trip hazards through PCC methods are 1/2" or taller in vertical separation

The map in this proposal shows the phase XXIX project footprint for trip hazard repair in this part of the City of Louisville. 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.





## Option A Project Details and Cost Savings Analysis

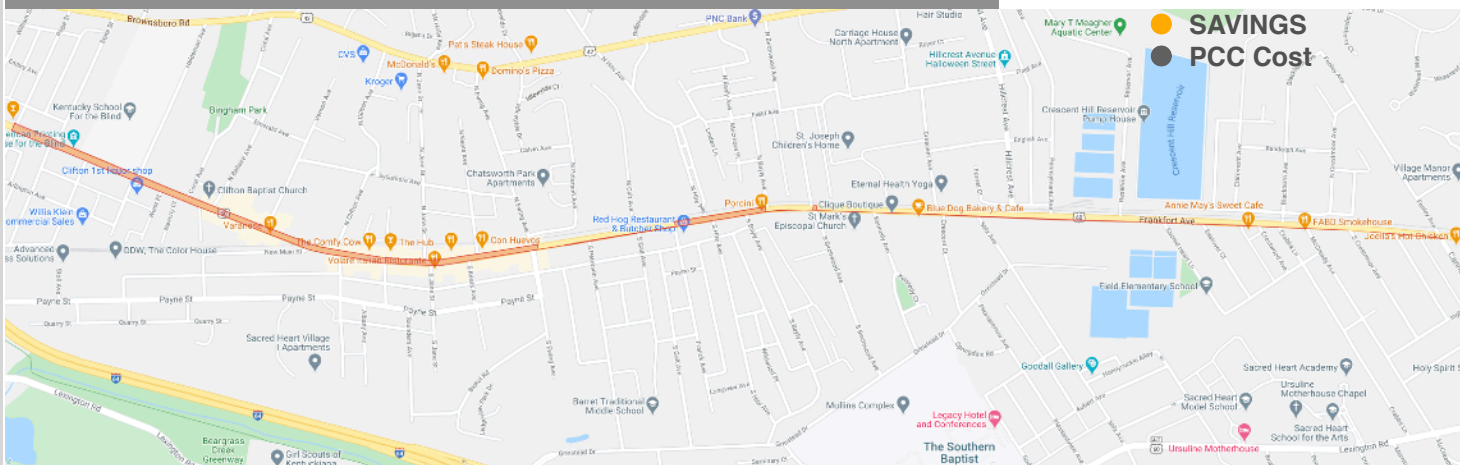
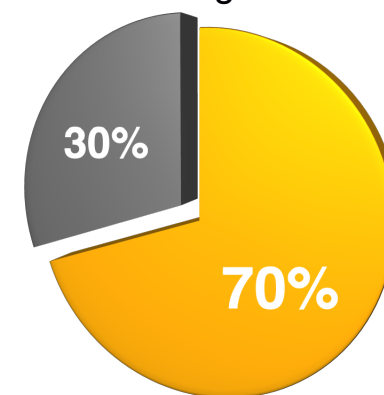
Based off **\$7.25** cost per square foot to remove and replace a sidewalk panel, we estimate the following:

### Option A

- 1:12 Ratio Slope
- Complete Clean Up & Recycle
- Dust Abatement System
- Detailed Audit-able Invoice
- Hazards  $\frac{1}{4}$ " to 2" Repairable by PCC Methods (ADA Compliant)
- **\$18 / Linear Foot (Overall)**
- **Active Discount Applied (Listed To The Right)**
- 1 Price per Hazard Regardless Severity
- Estimated Time: **11-13 days**
- **ALL Teardrop Pins ONLY**

**\$44,485.88**

Entire footprint area (Frankfort Ave sidewalks from Cannons Ln to Pope St) cost using Precision Concrete Cutting is eligible for a **25% discount** (expires October 23rd, 2020), which is a **savings of \$14,828.62**. Option A cost is **\$44,485.88**, with an estimated project savings of **\$103,196.63** compared to sidewalk replacement.



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