



Cover Sheet

Organization	City of Lakewood Department of Public Works
Organization Type	Municipal Government
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Project/Program Name	Street Improvements
Total FY19 Project Budget	\$460,000
FY19 CDBG Funding Request	\$460,000

**City of Lakewood
Department of Public Works**

Street Improvements

CDBG Eligibility Criteria

Lakewood Department of Public Works' Street Improvements Program satisfies the following eligibility criteria and is therefore suitable for CDBG funding consideration.

CDBG National Objective

Low-Moderate Income Area Benefit (LMA): An activity that is available to and benefits all residents in a defined residential area where at least 51% of the residents are low-moderate income persons.

CDBG-Eligible Activity Category

Public Facilities & Improvements: The acquisition, construction, reconstruction, rehabilitation, or installation of public improvements or facilities, excluding buildings for the general conduct of government.

HUD-Designated Performance Objective

Create Suitable Living Environments

HUD-Designated Performance Outcome

- Sustainability
- Availability/Accessibility

Applicant Narrative
Lakewood Department of Public Works

1. Mission

Resurface deteriorated roadways

2. Geographic Service Area

The City of Lakewood municipal boundaries.

3. Target Population

Low to Moderate income levels

4. Programs & Services

Transportation

5. Number & Demographic Profile of Clients Served (FY17)

In the low to moderate income areas, 193 properties were improved in 2018 through pavement rehabilitation. 55 of these properties also benefitted with the installation of a new watermain.

6. Qualifications To Implement Proposed Project

Lakewood Department of Engineering and Construction (LDEC) routinely and successfully manages the City's infrastructure. We have administered and managed millions of dollars of improvements with grant funds such as OPWC, EPA SWIF, Ohio EPA 319, and CDBG as well as City funds.

7. FY19 Budget***Expenses***

Expenditure Type	Amount	% Budget
Salaries & Fringe Benefits	\$ 112,266	69
Operating Costs	\$ 51,190	31
Capital Costs		
Indirect Costs		
Total Annual Budget	\$ 163,456	

Revenue (top 3 sources)

#	Source	Amount	% Budget
1	General Fund	\$163,456	100
	Total	\$ 163,456	

8. Additional Information or Data That Will Assist Lakewood's Citizens Advisory Committee and City Staff in Evaluating this Funding Request

LDEC utilizes the Ohio Department of Transportation methodology Pavement Condition Rating (PCR) system to effectively manage the City's Roadways in line also with Northeast Ohio Coordinating Agency (NOACA). The PCR is determined every 4 years for each roadway in the City. The PCR for the City roadways was performed in 2018. The results provide the rating for each roadway to determine which roadways are in need of maintenance and rehabilitation. The average PCR value of all roadways also indicates the general condition of the roadways and if the resurfacing methods are effective. The department gains efficiency by designing, bidding and administering the projects during construction.

9. Capacity to Serve Non-English-Speaking Persons

We would reach out to fellow departments as needed.

10. Do your facilities comply with ADA accessibility requirements? Yes No

Project Narrative

1. Community Needs Addressed

Maintaining the City's roadways is always a constant challenge. The roadways are affected by the region's rough weather conditions, truck traffic, and drainage conditions. The yearly resurfacing program addresses the need to provide safe travel and maintain a positive community neighborhood image.

2. Project Selection & Prioritization Methodology

The selected streets were ranked utilizing the 2018 PCR results along with input from the Public Works Departments of Water and Wastewater Collection and Streets and Forestry. We evaluate the age and performance of the watermain and sewer infrastructure, fire flow rates, break rates, any planned sewer enhancements, maintenance efforts required (patching of the roadways), and daily traffic use.

3. Goals & Objectives

The goal is to resurface each roadway to provide a smooth riding surface, re-establish the roadway crown to improve drainage, and install ADA compliant curb ramps at the intersections where needed. The finished product will ultimately improve safety and enhance the neighborhoods.

Prior to plan development, pavement cores will be taken to determine the general composition of the existing pavement. Plans, specifications and estimate will be prepared by LDEC and publically bid. Upon award, the top 3 inches of the roadway will be removed by milling, the resulting surface will be evaluated and areas with severely deteriorated base will be removed and replaced, an intermediate course of asphalt is placed, curbs are removed and replaced where no curb exists or where severely deteriorated, roadway castings are adjusted as needed and a final asphalt surface course is placed. ADA complaint curb ramps are installed at intersections where needed and the new pavement markings are installed.

4. Provide the Following Information for Each Street Section to be Resurfaced with CDBG Funds

Street Name	Limits	Census Tract/ Block Group	Length/ Width	PCR*	Last Year Paved (Type)	Total Project Cost	CDBG Funding	Service Area Structures
Mars Ave.	Hilliard to Detroit	161200 / 1	1,800 / 30' to 36'	51	2002 (Mill-Fill)	\$340,000	\$340,000	63
Riverside Dr.	Edanola to Detroit	160700 / 1	700' / 27' to 42'	54	2001 (Mill-Fill)	\$120,000	\$120,000	14

*PCR = Pavement Condition Rating

5. Staff Responsible for Program Implementation

Title	Brief Summary of Responsibilities
City Engineer	Project administrator, development of scope of work, design, final review and oversight
GIS Technician	Preparation of Plans and Specifications, Utility Coordination, and inspection
Administrative Assistant	Clerical, Filing, Record Retention, Invoice tracking

6. Project Implementation Schedule (add rows if necessary)

2019 Street Improvements Project Schedule	
Milestone	Completion Deadline
Design Kickoff Meeting	January 2019
50% Plan Review	April 2019
Plans, Specifications, & Estimate Package	May 2019
Bidding	May 2019
Award	June 2019
Construction	July 2019
Construction Completion	November 2019

7. Project Monitoring & Quality Control Measures/Strategies

LDEC monitors the awarded contractor's performance daily. The Contractor is responsible for materials testing which is overseen by LDEC. Materials testing of concrete and asphalt must meet the project specifications

8. How are Outcomes Measured & Evaluated?

See the attachment for photographs of before and after typical pavement resurfacing projects. The PCR rating of the roadway measures the performance every four years.

9. Resident Outreach & Communication Measures/Strategies

LDEC displays a current map of all Lakewood city projects at the City Hall post board and on the City's website. Additionally, prior to construction all of the residents are mailed a notice of the construction activity to take place and how it will impact their daily routines. A schedule and contact information for the construction team is provided for resident questions. LDEC responds to resident inquiries in a timely manner.

10. Will the Infrastructure Improvements Project(s) Described Herein

Involve a 20%+ Change in Size or Capacity? Yes No

If yes, discuss additional environmental review requirements with the city's Development Officer.

Comply with ADA accessibility requirements? Yes No

If yes, briefly describe project accessibility features.

ADA compliant curb ramps where none exists or non-complaint or severely deteriorated.

Be Competitively Bid? Yes No

If yes, briefly describe the bid & contractor selection processes.

The projects will be advertised as required by Ohio Revised Code. The lowest and best bid will be awarded the project.

11. FY19 Project Budget**FY19 Street Resurfacing Program**

FY19 Street Resurfacing Program Expenses			
Expense Category	Total Project (A)	CDBG Funds (B)	CDBG % of Total (B/A)
Architecture & Engineering	\$5,000	0	0%
Hard Construction Costs	\$460,000	\$460,000	100%
Contingency (10%)			
Bid Advertisement	\$300	0	0%
Inspection & Contract Administration	\$20,000	0	0%
Total	\$485,300	\$460,000	95%

FY19 Street Resurfacing Program Funding Sources			
Source	Requested	Committed	Total
Department Funds		\$5,000	\$5,000
FY18-19 CDBG Carry Forward (Est)			
Other (Non-CDBG) Federal			
Government (Local, State)		\$20,300	\$20,300
FY19 CDBG Request	\$460,000		\$460,000
Total Project Costs	\$460,000	\$25,300	\$485,300