

REVOLVING LOAN FUND

CLOSE-OUT PROGRAM

CITY OF CARBONDALE

APPLICATION INFORMATION

June, 2020

**The City of Carbondale**  
**Illinois Avenue Streetscape – Phase III**  
**DCEO Revolving Loan Fund closeout Program Application**

**PROJECT SUMMARY**

**Project Description**

The proposed project will consist of the proposed removal/replacement of street lighting, pedestrian walkways, curb gutter, side street entrances, alley entrances, driveways, and storm sewers. In addition, the proposed project will include added pedestrian level lighting, trees, decorative landscaping planters and, as an option, the removal of awnings that are unoriginal to three buildings located within the existing project right-of-way.

The City has not performed any significant improvements in the project area along Illinois Avenue since the sidewalks and existing streetlights were installed some 50-60 years ago. The primary reasons for the proposed improvements is to replace dilapidated infrastructure and increase pedestrian and vehicular safety by installing ADA compliant walkways along with pedestrian level and street lighting. This particular project will be the third (3<sup>rd</sup>) phase streetscape improvements along Illinois Avenue. The proposed improvements will be a continuation of the previous two (2) phases being Mill to Cherry (Phase I in 2017) and Cherry to Monroe (Phase II in 2018). The first two (2) phases have greatly enhanced this highly traveled corridor making it much more inviting and safe for pedestrians and motorists alike.

**Project Area**

The project will commence at the intersection of North Illinois Avenue and Monroe Street and proceed north to the intersection of North Illinois Avenue and Oak Street. This work includes the improvements stated earlier and will occur within existing City right-of-way of Illinois Avenue. See attached Project Map.

**Community Benefit**

This project will meet the HUD National Objective of significantly benefiting low-to-moderate income (LMI) households. The City's LMI percentage is 72.8% with a Margin of Error of +/-2.80% according to the American Community Survey 2011-2015 data. This project will benefit the whole community, nearby LMI neighborhoods and households, and businesses located within the project area as well as in the entire downtown business district.

**Project Readiness**

The project design is complete and currently under review with the in-house engineering staff. Final plans and specifications will be ready to bid in the fall of 2020. Prior to project bidding the City will also obtain a permit from the Illinois Department of Transportation (IDOT) to be sure all improvements meet the required standards of the State of Illinois. The balance of the funds not covered by the CDB RLF Closeout Program will be paid from the City's Tax Increment Financing (TIF) district funds and/or locally imposed sales taxes that are revenues to the City's Local Improvement Fund. Construction is currently anticipated to be substantially complete in August 2021.

**Compliance with State/Federal Regulations**

The existing lighting levels do not meet current IDOT standards and pedestrian level lighting is not adequate. Existing curb ramps and some sidewalks do not meet current Illinois Accessibility Code and Federal ADA Standards. This project will address and remedy all of these deficiencies.

**CDBG APPLICANT PROJECT INFORMATION**

**REVOLVING LOAN FUND CLOSEOUT**

**I. TYPE OF PROJECT:**

- Public Infrastructure project (can include Design and Activity Delivery elements)
- Housing Rehabilitation
- Economic Development projects (leverage is not required)
- Street Improvements (as defined by HUD’s IDIS code 03K) including street drains, storm drains, curb and gutter work, installation of street lights or signs
- Sidewalks (as defined by HUD’s IDIS code 03L) including sidewalk improvements, and installation of trash receptacles, trees, benches or lighting when part of a streetscape project
- Rehabilitation (as defined by HUD’s IDIS code 14E) including publicly or privately owned commercial/ industrial improvements to the exterior of a commercial building (generally referred to as “façade improvements”) or to the correction of code violations

**II. PROJECT OBJECTIVE - The project meets the following National Objective:**

**BENEFITING LOW-TO-MODERATE INCOME (LMI) PERSONS**

The LMI benefit was determined by using:

**CENSUS DATA**

**INCOME SURVEY:**  Community Wide or  Service-Area

**AIDING IN THE PREVENTION OR ELIMINATION OF SLUMS AND BLIGHT**

**MEETING OTHER COMMUNITY DEVELOPMENT NEEDS THAT POSE A SERIOUS AND IMMEDIATE THREAT TO THE HEALTH AND WELFARE OF THE COMMUNITY**

TOTAL NUMBER OF PERSONS SERVED	TOTAL NUMBER OF LMI PERSONS SERVED	<u>PERCENT</u> BENEFIT TO LMI PERSONS
22,375	18,115	72.8%

**III. PROJECT ENGINEER**

CONTACT PERSON:

TITLE:

Sean Henry Director of Public Works

ADDRESS AND PHONE NUMBER:

Legal Name City of Carbondale

Street Address 200 South Illinois P.O. Box  
(required) (Only if no street address)

City Carbondale State IL Zip Code 62901  
(include + 4)

E-Mail shenry@explorecarbondale.com  
(required)

BUSINESS PHONE: ( 618 ) 457-3271 FAX PHONE: ( 618 ) 457-3243

FEDERAL EMPLOYER IDENTIFICATION NUMBER: 37-6001081  
(required)



Department of Public Works  
 Engineering and Administration  
 200 South Illinois Avenue  
 Carbondale, IL 62901  
 Phone (618) 457-3270  
 www.explorecarbndale.com

Probable Estimate of Construction Costs

Project: South Illinois Avenue Streetscape - Phase III (Monroe to Oak)

Project #: SP0904  
 Municipality: Carbondale  
 County: Jackson  
 Date: June 9, 2020

Desc.: Reconstruction of sidewalks, ADA curb ramps, addition of street and pedestrian level lighting, addition of trees and landscaping

Item No.	Item Description / Name	Quantity	Unit	Unit Price	Extended Price
1	Trench Backfill	320.0	CU YD	\$55.00	\$17,600.00
2	Aggregate Base Course, Type A 12"	152.0	SQ YD	\$28.00	\$4,256.00
3	Portland Cement Concrete Pavement 8"	192.0	SQ YD	\$100.00	\$19,200.00
4	Portland Cement Concrete Drive Pavement, 8"	373.0	SQ YD	\$100.00	\$37,300.00
5	Portland Cement Concrete Sidewalk 4"	17,184.0	SQ FT	\$8.00	\$137,472.00
6	Detectable Warnings	364.0	SQ FT	\$40.00	\$14,560.00
7	Pavement Removal	614.0	SQ YD	\$30.00	\$18,420.00
8	Driveway Pavement Removal	277.0	SQ YD	\$40.00	\$11,080.00
9	Combination Curb And Gutter Removal	1,137.0	FOOT	\$20.00	\$22,740.00
10	Sidewalk Removal	19,457.0	SQ FT	\$5.00	\$97,285.00
11	Remove And Replace Bricks	353.0	SQ FT	\$40.00	\$14,120.00
12	Concrete Structures	36.0	CU YD	\$1,600.00	\$57,600.00
13	Pipe Handrail	35.0	FOOT	\$200.00	\$7,000.00
14	Water Valves To Be Adjusted	5.0	EACH	\$110.00	\$550.00
15	Domestic Meter Vaults To Be Adjusted	10.0	EACH	\$100.00	\$1,000.00
16	Clean Out Adjustment	1.0	EACH	\$150.00	\$150.00
17	Handhole Adjustment	2.0	EACH	\$900.00	\$1,800.00
18	Gulfbox Adjustment	1.0	EACH	\$220.00	\$220.00
19	Gas Valve Adjusted	1.0	EACH	\$120.00	\$120.00
20	Manholes, Ty A, 4'-Dia, Type 1 Frame, Closed Lid	2.0	EACH	\$2,500.00	\$5,000.00
21	Manholes, Ty A, 6'-Dia, Type 1 Frame, Closed Lid	1.0	EACH	\$3,500.00	\$3,500.00
22	Manholes To Be Adjusted	1.0	EACH	\$1,500.00	\$1,500.00
23	Inlets, Type A, Type 15 Frame And Lid	8.0	EACH	\$2,200.00	\$17,600.00
24	Removing Manholes	1.0	EACH	\$500.00	\$500.00
25	Removing Inlets	3.0	EACH	\$500.00	\$1,500.00
26	Storm Sewers, Ty 1, Water Main Quality Pipe, 12"	326.0	FOOT	\$75.00	\$24,450.00
27	Storm Sewers, Ty 1, Water Main Quality Pipe, 18"	134.0	FOOT	\$100.00	\$13,400.00
28	Storm Sewers, Ty 1, Water Main Quality Pipe, 24"	10.0	FOOT	\$170.00	\$1,700.00
29	Storm Sewer Removal	124.0	FOOT	\$30.00	\$3,720.00
30	Comb Concrete Curb And Gutter, Type B-6.12	1,571.0	FOOT	\$42.00	\$65,982.00
31	Thermoplastic Pavement Marking - Line 12"	684.0	FOOT	\$12.00	\$8,208.00
32	Thermoplastic Pavement Marking - Line 24"	123.0	FOOT	\$25.00	\$3,075.00
33	Modified Urethane Pavement Marking - Line 4"	6.0	FOOT	\$12.00	\$72.00
34	Modified Urethane Pavement Marking - Line 6"	289.0	FOOT	\$18.00	\$5,202.00
35	Modified Urethane Pavement Marking - Line 12"	12.0	FOOT	\$40.00	\$480.00



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**Probable Estimate of Construction Costs**

Project: South Illinois Avenue Streetscape - Phase III (Monroe to Oak)

Project #: **SP0904**  
 Municipality: **Carbondale**  
 County: **Jackson**  
 Date: **June 9, 2020**

Desc.: **Reconstruction of sidewalks, ADA curb ramps, addition of street and pedestrian level lighting, addition of trees and landscaping**

Item No.	Item Description / Name	Quantity	Unit	Unit Price	Extended Price
36	Modified Urethane Pavement Marking - Line 24"	78.0	FOOT	\$70.00	\$5,460.00
37	Pavement Marking Removal	682.0	SQ FT	\$8.00	\$5,456.00
38	Removal Of Pole Foundation	11.0	EACH	\$300.00	\$3,300.00
39	Underground Conduit, Pvc, 1 1/2" Dia.	0.0	FOOT	\$9.72	\$0.00
40	Underground Conduit, Pvc, 2" Dia.	2,200.0	FOOT	\$15.00	\$33,000.00
41	Underground Conduit, Pvc, 2 1/2" Dia.	0.0	FOOT	\$12.00	\$0.00
42	Underground Data Conduit, Pvc, 1" Dia. (Special)	2,200.0	FOOT	\$8.00	\$17,600.00
43	Direction Bore Data Conduit, Pvc, 1" Dia (Special)	500.0	FOOT	\$18.75	\$9,375.00
44	Directional Bore Conduit, Pvc, 2" Dia (Special)	500.0	FOOT	\$21.50	\$10,750.00
45	Elect Cable In Cond, 600v (Xlp-Type Use) 1/C No. 10	2,200.0	FOOT	\$1.01	\$2,222.00
46	Elect Cable In Cond, 600v (Xlp-Type Use) 1/C No. 8	2,200.0	FOOT	\$1.38	\$3,036.00
47	Elect Cable In Cond, 600v (Xlp-Type Use) 1/C No. 6	2,200.0	FOOT	\$1.83	\$4,026.00
48	Elect Cable In Cond, 600v (Xlp-Type Use) 1/C No. 4	2,200.0	FOOT	\$2.57	\$5,654.00
49	Elect Cable In Cond, 600v (Xlp-Type Use) 1/C No. 2	2,200.0	FOOT	\$3.52	\$7,744.00
50	Light Pole Foundation, 24" Diameter, Special	200.0	FOOT	\$140.00	\$28,000.00
51	Decorative Street Light & Pole Install, Special	21.0	EACH	\$9,400.00	\$197,400.00
52	Handhole (Special)	6.0	EACH	\$1,600.00	\$9,600.00
53	Electrical Service Installation, Special	1.0	EACH	\$11,000.00	\$11,000.00
54	Tree Grates	20.0	EACH	\$2,000.00	\$40,000.00
55	Planter Box Landscaping	23.0	EACH	\$1,400.00	\$32,200.00
56	Bumpout Landscaping	1,875.0	SQ FT	\$3.00	\$5,625.00
57	Traffic Control And Protection, Special	1.0	L SUM	\$65,000.00	\$65,000.00
58	Parking Kiosk Allowance	2.0	EACH	\$12,000.00	\$24,000.00
59	Signs and Sign Posts Allowance	1.0	L.SUM	\$5,000.00	\$5,000.00

By: **Sean C. Henry, P.E.** IL# 062-053729

**Director of Public Works**

Signature: \_\_\_\_\_

Project Subtotal:	\$1,143,810.00
Design Engineering:	\$15,000.00
Construction Eng.:	\$45,000.00
Activity Delivery:	\$30,000.00

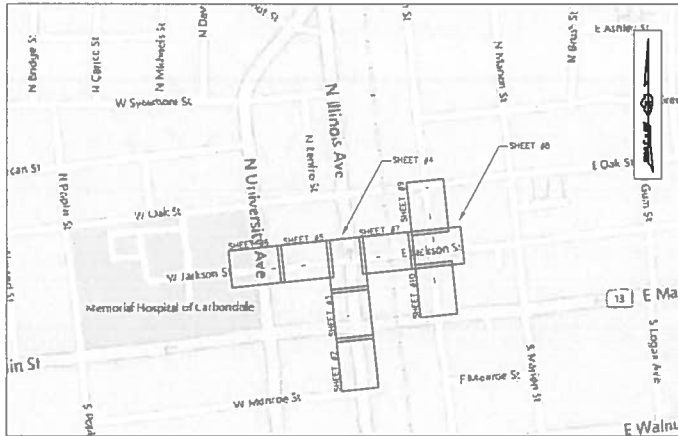
**Project Total: \$1,233,810.00**

**CITY OF CARBONDALE  
PUBLIC WORKS DEPARTMENT**

**DCEO RLF CLOSEOUT PROGRAM APPLICATION  
PROJECT LOCATION MAP**

**ILLINOIS AVENUE STREETSCAPE PHASE III & ADDITIONAL  
LIGHTING**

**CIP #SP0904**



SHEET INDEX MAP

Sheet Title: COVER — PROJECT LOCATION MAP  
Project Title: DCEO RLFCP GRANT APPLICATION  
ILLINOIS AVE. STREETSCAPE PH. 3  
& ADDITIONAL LIGHTING

Public Works  
Engineering  
200 South Third Street  
Carbondale, IL 62901  
(618) 457-3270



JOB NO. **SP0904**  
DRAWN BY **SDP**  
DATE **04/23/20**  
REVISIONS:

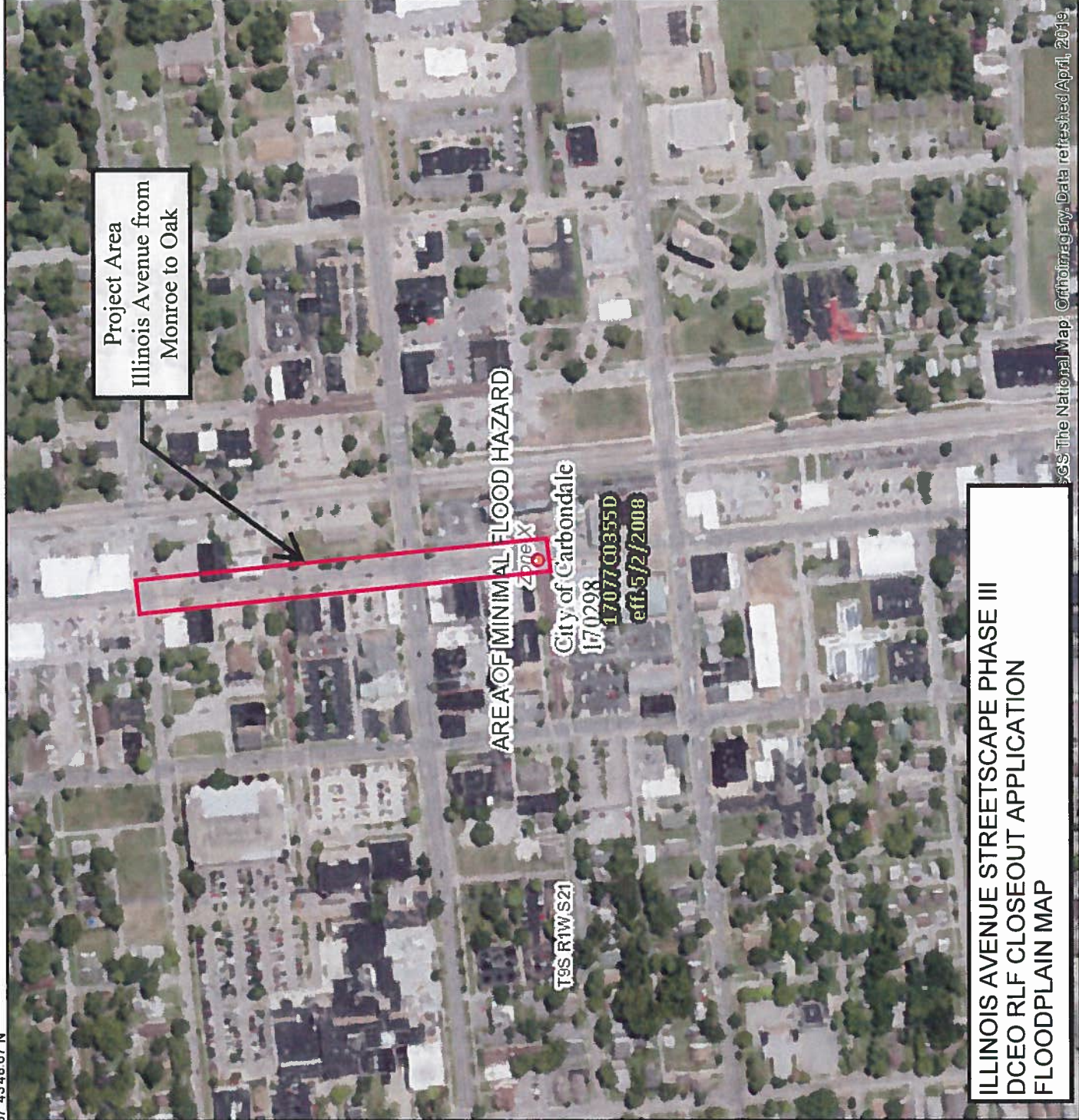


# National Flood Hazard Layer FIRMette



37°43'48.67"N

89°13'19.49"W



ILLINOIS AVENUE STREETSCAPE PHASE III  
DCEO RLF CLOSEOUT APPLICATION  
FLOODPLAIN MAP

89°12'42.03"W  
37°43'20.21"N  
© 2019 The National Map, Orthoimagery, Data refreshed April, 2019

## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

**SPECIAL FLOOD HAZARD AREAS**

- Without Base Flood Elevation (BFE)  
*Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

0.2% Annual Chance Flood Hazard, Area of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*

- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

**OTHER AREAS OF FLOOD HAZARD**

- Area of Minimal Flood Hazard *Zone X*
- Effective LOMRS
- Area of Undetermined Flood Hazard *Zone*

**OTHER AREAS**

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

**GENERAL STRUCTURES**

- Cross Sections with 1% Annual Chance Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study

**OTHER FEATURES**

- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

- Digital Data Available
- No Digital Data Available
- Unmapped

**MAP PANELS**



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/18/2020 at 12:54:48 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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### Carbondale

