

CITY OF OBERLIN, OHIO

ORDINANCE No. 19-51 AC CMS

AN ORDINANCE AUTHORIZING THE CITY MANAGER TO SUBMIT AN APPLICATION TO THE DISTRICT 9 PUBLIC WORKS INTEGRATING COMMITTEE FOR OHIO PUBLIC WORKS COMMISSION FUNDING FOR THE EAST COLLEGE STREET RESURFACING PROJECT AND DECLARING AN EMERGENCY

BE IT ORDAINED by the Council of the City of Oberlin, County of Lorain, State of Ohio, five-sevenths (5/7ths) of all members elected thereto concurring:

SECTION 1. That the City Manager is hereby authorized and directed to prepare and file an application with the District 9 Public Works Integrating Committee for Ohio Public Works Commission Round 34 funding for the following project:

East College Street Resurfacing Project

SECTION 2. That the City Manager is hereby authorized to accept said OPWC Round 34 funding if the application is approved.

SECTION 3. That the City of Oberlin hereby agrees that if said OPWC Round 34 project is funded, the City of Oberlin will provide local matching funds as designated in the application.

SECTION 4. It is hereby found and determined that all formal actions of this Council concerning or relating to the adoption of this ordinance were adopted in an open meeting of this Council, and that all deliberations of this Council and of any of its committees that resulted in such formal action, were in meetings open to the public in compliance with all legal requirements, including Section 121.22 of the Ohio Revised Code.

SECTION 5. That this ordinance is hereby declared to be an emergency measure necessary for the immediate preservation of the public peace, health or safety of the citizens of the City of Oberlin, Ohio, or to provide for the usual daily operation of a municipal department, to wit: in order to allow for the filing of an Ohio Public Works Commission grant application in a timely manner, and shall take effect immediately upon passage.

PASSED: 1st Reading: 08/19/2019 (E)

2nd Reading: _____

3rd Reading: _____

ATTEST:



BELINDA B. ANDERSON, MMC
CLERK OF COUNCIL

POSTED: 08/19/2019



BRYAN BURGESS
PRESIDENT OF COUNCIL

EFFECTIVE DATE: 08/20/2019

**OHIO PUBLIC WORKS COMMISSION DISTRICT 9
ROUND 34 FUNDING APPLICATION**



CITY OF OBERLIN

**EAST COLLEGE STREET RESURFACING PROJECT
SEPTEMBER 6, 2019**



State of Ohio
Public Works Commission
Application for Financial Assistance

IMPORTANT: Please consult "Instructions for Financial Assistance for Capital Infrastructure Projects" for guidance in completion of this form.

Applicant

Applicant: City of Oberlin Subdivision Code: 093-57834

District Number: 9 County: Lorain Date: 08/21/2019

Contact: Jeff Baumann Phone: (440) 775-7204
(The individual who will be available during business hours and who can best answer or coordinate the response to questions)

Email: jbaumann@cityofoberlin.com FAX: (440) 775-7208

Project Name: East College Street Resurfacing Zip Code: 44074

Project

Subdivision Type	Project Type	Funding Request Summary
(Select one)	(Select single largest component by \$)	(Automatically populates from page 2)
<input type="checkbox"/> 1. County	<input checked="" type="checkbox"/> 1. Road	Total Project Cost: <u>551,603.00</u>
<input checked="" type="checkbox"/> 2. City	<input type="checkbox"/> 2. Bridge/Culvert	1. Grant: <u>215,000.00</u>
<input type="checkbox"/> 3. Township	<input type="checkbox"/> 3. Water Supply	2. Loan: <u>0.00</u>
<input type="checkbox"/> 4. Village	<input type="checkbox"/> 4. Wastewater	3. Loan Assistance/ Credit Enhancement: <u>0.00</u>
<input type="checkbox"/> 5. Water (6119 Water District)	<input type="checkbox"/> 5. Solid Waste	Funding Requested: <u>215,000.00</u>
	<input type="checkbox"/> 6. Stormwater	

District Recommendation (To be completed by the District Committee)

Funding Type Requested	SCIP Loan - Rate: _____ % Term: _____ Yrs	Amount: _____ .00
(Select one)	RLP Loan - Rate: _____ % Term: _____ Yrs	Amount: _____ .00
<input type="checkbox"/> State Capital Improvement Program	Grant:	Amount: _____ .00
<input type="checkbox"/> Local Transportation Improvement Program	LTIP:	Amount: _____ .00
<input type="checkbox"/> Revolving Loan Program	Loan Assistance / Credit Enhancement:	Amount: _____ .00
<input type="checkbox"/> Small Government Program		
District SG Priority: _____		

For OPWC Use Only

STATUS	Grant Amount: _____ .00	Loan Type: <input type="checkbox"/> SCIP <input type="checkbox"/> RLP
Project Number: _____	Loan Amount: _____ .00	Date Construction End: _____
_____	Total Funding: _____ .00	Date Maturity: _____
Release Date: _____	Local Participation: _____ %	Rate: _____ %
OPWC Approval: _____	OPWC Participation: _____ %	Term: _____ Yrs

1.0 Project Financial Information (All Costs Rounded to Nearest Dollar)

1.1 Project Estimated Costs

Engineering Services

Preliminary Design:	<u>3,653</u> .00	
Final Design:	<u>17,047</u> .00	
Construction Administration:	<u>29,224</u> .00	
Total Engineering Services:	a.) <u>49,924</u> .00	<u>10</u> %
Right of Way:	b.) _____ .00	
Construction:	c.) <u>487,067</u> .00	
Materials Purchased Directly:	d.) _____ .00	
Permits, Advertising, Legal:	e.) _____ .00	
Construction Contingencies:	f.) <u>14,612</u> .00	<u>3</u> %
Total Estimated Costs:	g.) <u>551,603</u> .00	

1.2 Project Financial Resources

Local Resources

Local In-Kind or Force Account:	a.) <u>20,700</u> .00	
Local Revenues:	b.) <u>315,903</u> .00	
Other Public Revenues:	c.) _____ .00	
ODOT / FHWA PID: _____	d.) _____ .00	
USDA Rural Development:	e.) _____ .00	
OEPA / OWDA:	f.) _____ .00	
CDBG:	g.) _____ .00	
<input type="checkbox"/> County Entitlement or Community Dev. "Formula"		
<input type="checkbox"/> Department of Development		
Other: _____	h.) _____ .00	
Subtotal Local Resources:	i.) <u>336,603</u> .00	<u>61</u> %

OPWC Funds (Check all requested and enter Amount)

Grant: <u>100</u> % of OPWC Funds	j.) <u>215,000</u> .00	
Loan: <u>0</u> % of OPWC Funds	k.) _____ .00	
Loan Assistance / Credit Enhancement:	l.) <u>0</u> .00	
Subtotal OPWC Funds:	m.) <u>215,000</u> .00	<u>39</u> %
Total Financial Resources:	n.) <u>551,603</u> .00	<u>100</u> %

1.3 Availability of Local Funds

Attach a statement signed by the Chief Financial Officer listed in section 5.2 certifying all local resources required for the project will be available on or before the earliest date listed in the Project Schedule section. The OPWC Agreement will not be released until the local resources are certified. Failure to meet local share may result in termination of the project. Applicant needs to provide written confirmation for funds coming from other funding sources.

2.0 Repair / Replacement or New / Expansion

2.1 Total Portion of Project Repair / Replacement:	<u>551,603</u> .00	<u>100</u> %
2.2 Total Portion of Project New / Expansion:	<u>0</u> .00	<u>0</u> %
2.3 Total Project:	<u>551,603</u> .00	<u>100</u> %

A Farmland
Preservation letter is
required for any
impact to farmland

3.0 Project Schedule

3.1 Engineering / Design / Right of Way	Begin Date: <u>03/02/2020</u>	End Date: <u>05/29/2020</u>
3.2 Bid Advertisement and Award	Begin Date: <u>06/06/2020</u>	End Date: <u>07/06/2020</u>
3.3 Construction	Begin Date: <u>07/27/2020</u>	End Date: <u>10/23/2020</u>

Construction cannot begin prior to release of executed Project Agreement and issuance of Notice to Proceed.

Failure to meet project schedule may result in termination of agreement for approved projects.
Modification of dates must be requested in writing by project official of record and approved by the Commission once the Project Agreement has been executed.

4.0 Project Information

If the project is multi-jurisdictional, information must be consolidated in this section.

4.1 Useful Life / Cost Estimate / Age of Infrastructure

Project Useful Life: 18 Years Age: 1985 (Year built or year of last major improvement)

Attach Registered Professional Engineer's statement, with seal or stamp and signature confirming the project's useful life indicated above and detailed cost estimate.

4.2 User Information

Road or Bridge: Current ADT 2,602 Year 2019 Projected ADT 2,861 Year 2038

Water / Wastewater: Based on monthly usage of 4,500 gallons per household; attach current ordinances.

Residential Water Rate Current \$ _____ Proposed \$ _____

Number of households served: _____

Residential Wastewater Rate Current \$ _____ Proposed \$ _____

Number of households served: _____

Stormwater: Number of households served: _____

4.3 Project Description

- A: SPECIFIC LOCATION (Supply a written location description that includes the project termini; a map does not replace this requirement.) 500 character limit.

College St. is a 2.5 mile primary collector, parallel to and one block south of SR511. It links neighborhoods, east and west to the Central Business District and to Oberlin College. College St. eases congestion on SR511 as an alternate route for residents, businesses and visitors to access all points along Oberlin's E/W axis.

The project area is East College, from Park St., east 0.79 miles, to Oberlin Rd. NOACA rated this segment 62 of 100 in its 2016 inventory of local Federal Aid routes.

- B: PROJECT COMPONENTS (Describe the specific work to be completed; the engineer's estimate does not replace this requirement) 1,000 character limit.

The City will continue to use the Complete Streets model as the design basis to enhance access and safety for school children, college students, residents and visitors irrespective of ability or mode of transport.

The preliminary scope includes milling 1 ½" of the existing asphalt with select curb and base repair. A pavement overlay fabric will be applied, followed by 1 ½" ODOT 448 surface course. ADA-compliant ramps will be installed at 13 locations to improve accessibility. Pavement markings including crosswalks, stop bars, centerline, sharrows, and School Zone markings will be thermoplastic for enhanced durability. Sharrows will be marked in both directions to connect the Central Business District to the North Coast Inland Trail. The Bike Xing at the North Coast Inland Trail will be high visibility green thermoplastic for enhanced driver awareness.

- C: PHYSICAL DIMENSIONS (Describe the physical dimensions of the existing facility and the proposed facility. Include length, width, quantity and sizes, mgd capacity, etc in detail.) 500 character limit.

SEGMENT	Length	Width
C/L Park to C/L Spring	977	30
C/L Spring to C/L King	419	30
C/L King to C/L Orchard	870	30
C/L Orchard to C/L Shipherd	278	30
C/L Shipherd to C/L Oberlin	1620	30
TOTAL: 4165		

5.0 Project Officials

Changes in Project Officials must be submitted in writing from an officer of record.

5.1 Chief Executive Officer

(Person authorized in legislation to sign project agreements)

Name: Rob Hillard

Title: City Manager

Address: 85 South Main St.

City: Oberlin State: OH Zip: 44074

Phone: (440) 775-7206

FAX: (440) 775-7208

E-Mail: rhillard@cityofoberlin.com

5.2 Chief Financial Officer

(Can not also serve as CEO)

Name: I. Salvatore Talarico

Title: Finance Director

Address: 69 South Main St.

City: Oberlin State: OH Zip: 44074

Phone: (440) 775-7210

FAX: (440) 776-2090

E-Mail: stalarico@cityofoberlin.com

5.3 Project Manager

Name: Jeff Baumann

Title: Public Works Director

Address: 85 South Main St.

City: Oberlin State: OH Zip: 44074

Phone: (440) 775-7204

FAX: (440) 775-7208

E-Mail: jbaumann@cityofoberlin.com

6.0 Attachments / Completeness review

Confirm in the boxes below that each item listed is attached (Check each box)

- ☒ A certified copy of the legislation by the governing body of the applicant authorizing a designated official to sign and submit this application and execute contracts. This individual should sign under 7.0, Applicant Certification, below.
- ☒ A certification signed by the applicant's chief financial officer stating the amount of all local share funds required for the project will be available on or before the dates listed in the Project Schedule section. If the application involves a request for loan (RLP or SCIP), a certification signed by the CFO which identifies a specific revenue source for repaying the loan also must be attached. Both certifications can be accomplished in the same letter.
- ☒ A registered professional engineer's detailed cost estimate and useful life statement, as required in 164-1-13, 164-1-14, and 164-1-16 of the Ohio Administrative Code. Estimates shall contain an engineer's seal or stamp and signature.
- ☐ A cooperative agreement (if the project involves more than one subdivision or district) which identifies the fiscal and administrative responsibilities of each participant.
- ☐ Farmland Preservation Review - The Governor's Executive Order 98-IV, "Ohio Farmland Protection Policy" requires the Commission to establish guidelines on how it will take protection of productive agricultural and grazing land into account in its funding decision making process. Please include a Farm Land Preservation statement for projects that have an impact on farmland.
- ☐ Capital Improvements Report. CIR Required by O.R.C. Chapter 164.06 on standard form.
- ☒ Supporting Documentation: Materials such as additional project description, photographs, economic impact (temporary and/or full time jobs likely to be created as a result of the project), accident reports, impact on school zones, and other information to assist your district committee in ranking your project. Be sure to include supplements which may be required by your local District Public Works Integrating Committee.

7.0 Applicant Certification

The undersigned certifies: (1) he/she is legally authorized to request and accept financial assistance from the Ohio Public Works Commission as identified in the attached legislation; (2) to the best of his/her knowledge and belief, all representations that are part of this application are true and correct; (3) all official documents and commitments of the applicant that are part of this application have been duly authorized by the governing body of the applicant; and, (4) should the requested financial assistance be provided, that in the execution of this project, the applicant will comply with all assurances required by Ohio Law, including those involving Buy Ohio and prevailing wages.

Applicant certifies that physical construction on the project as defined in the application has NOT begun, and will not begin until a Project Agreement for this project has been executed with the Ohio Public Works Commission. Action to the contrary will result in termination of the agreement and withdrawal of Ohio Public Works Commission funding from the project.

Rob Hillard, City Manager

Certifying Representative (Printed form, Type or Print Name and Title)

 8/20/2019

Original Signature / Date Signed

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3rd Reading: _____

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BELINDA B. ANDERSON, MMC
CLERK OF COUNCIL

POSTED: 08/19/2019



BRYAN BURGESS
PRESIDENT OF COUNCIL

EFFECTIVE DATE: 08/20/2019



**FINANCE DIRECTOR'S CERTIFICATE
(Chief Fiscal Officer)**

Relative to the City of Oberlin

East College Street Resurfacing Project

I hereby certify that the local share estimated amount of \$336,603.00 including \$20,700.00 in in-kind engineering services required to meet the City of Oberlin's portion of the contract, agreement, obligation, payment, or expenditure for the above project will be available on or before July 1, 2020 in the City's Income Tax Capital Improvement Fund.

Dated: August 19, 2019

I. Salvatore Talarico
Finance Director, City of Oberlin



August 8, 2019

Re: Pavement Resurfacing E. College Street.
Statement of Design Life of Construction
Engineers Estimate of Probable Cost

The weighted useful life of the proposed Resurfacing Improvements for E. College St. has been calculated to be 18.2 Years. Calculations are attached.

The probable cost of the proposed improvements has been determined to be \$487,066.96. The detailed cost estimate is attached.

Randall Roberts, PE
City Engineer



A weighted useful life statement stamped/sealed and signed by a licensed professional engineer must be included with the project application.

This spreadsheet has formulas to make a weighted useful life calculation and is populated with an example for illustrative purposes. Items can be added to column a.

Weighted Useful Life & Design Service Capacity Calculations

Major Component	Cost (\$1,000)	Portion Repair / Replacement (%)	Repair / Replace Product	Useful Life (Years)	Useful Life Product
Full-depth road construction w/ drainage				25	
Full-depth road construction w/o drainage	44.53	100	4,453.30	25	1,113.33
Partial-depth road construction w/ drainage				15	
Partial-depth road construction w/o drainage	257.02	100	25,702.07	15	3,855.31
Storm Sewers	36.21	100	3,621.26	40	1,448.51
Sanitary Sewers				40	
Water Lines				40	
Bridge				75	
Pumps, Lift Stations				15	
Sidewalks	17.09	100	1,709.00	25	427.25
Bike Facility				7	
Curb	0.81	100	81.00	25	20.25
Pavement Markings (thermoplastic)	35.55	100	3,554.56	7	248.82
Drive Aprons	2.20	100	220.00	15	33.00
Totals	393.41		39,341.20		7146.461146

Weighted Useful Life: 18.2 Years

Design Service Capacity (Project Application, Section 2.0):

Portion Repair / Replace	100	%
Portion New / Expansion		%

PROBABLE COST OF IMPROVEMENTS

Project Cost Summary

East College St.	Park St to Oberlin Rd	\$487,066.96
Total Estimated Construction Cost		\$487,066.96

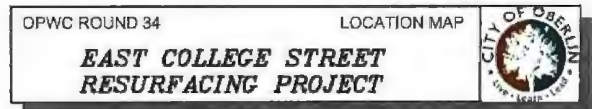
LOCATION

East College St.

Termini: C/L Park St. to C/L Oberlin Rd.

PROJECT LENGTH	4,188.0	feet	100%	Wearing Course
WIDTH	30-31	feet	0%	Intermediate
RIGHT-OF-WAY WIDTH	60.0	feet	5%	Base Repair
			1%	Curb Repair
Year of Last Resurfacing		<u>2007</u>		

Master Item List	1 = USE ITEM	Item No.	ITEM DESCRIPTION	Thick. (in)	QUANTITY	UNIT	UNIT COST	ITEM TOTAL
3	1	1035.000	Maintenance of Traffic		1.0	L.S.	\$ 18,906.00	\$18,906.00
28	1	2110.200	Excav/Remove Existing Asphalt Pavement, Base, Walk & Center to New Subgrade	13.0	254.9	c.y.	\$ 40.00	\$10,194.57
72	1	2120.101	Subgrade Preparation/Compaction - Pavement Repair		705.8	s.y.	\$ 2.00	\$1,411.56
74	1	2120.151	Geo-Grid - Pavement Repair		705.8	s.y.	\$ 7.32	\$5,166.29
79	1	2120.180	Pavement Overlay Fabric		14,115.6	s.y.	\$ 5.50	\$77,635.56
83	1	2120.200	Pavement Planing		14,115.6	s.y.	\$ 4.00	\$56,462.22
			<i>ODOT 253 Pavement Base Repairs/Repl.:</i>					
85	1	2120.302	6 in. - 304 Aggregate Base - Pavement Repair	6.0	117.6	c.y.	\$ 60.00	\$7,057.78
94	1	2120.324	4 in. 301 Bituminous Aggregate Base - Pavement Repair	4.0	78.4	c.y.	\$ 264.00	\$20,702.81
113	1	2120.351	Bituminous Tack Coat & Prime Coat		1,411.6	gal	\$ 3.75	\$5,293.33
127	1	2120.405	1.5 in. ODOT 448 Type 1	1.5	588.1	c.y.	\$ 200.00	\$117,629.63
131	1	2120.430	4" Plain Concrete Sidewalk	5.0	200.0	s.f.	\$ 5.18	\$1,035.00
141	1	2120.460	Handicap Ramp Construction (incl. excav. & removals)		13.0	ea	\$ 1,235.00	\$16,055.00
166	1	2120.800	Asphalt Drive Apron Removal & Replacement		40.0	s.y.	\$ 55.00	\$2,200.00
180	1	2124.100	Curb Removal/in kind Replacement/Construction - ODOT Type 2, 3, 4 & 6		30.0	l.f	\$ 27.00	\$810.00
464	1	2165.050	Catch Basin - Remove/Reset/Adj. Casting To Grade		35.0	ea.	\$ 1,000.00	\$35,000.00
470	1	2165.142	Storm Sewer MH Casting Adj. To Grade		10.0	ea.	\$ 575.00	\$5,750.00
471	1	2165.119	Sanitary Sewer MH Casting Adj. to Grade		4.0	ea.	\$ 575.00	\$2,300.00
587	1	2173.320	12-inch RCP CL IV Storm Sewer (Under Pavement & Connecting CB's/MH's)		13.0	l.f	\$ 93.28	\$1,212.64
686	1	2173.112	Site Work - Topsoil, Seeding & Fertilizing	10.0	1,120.0	sy	\$ 5.75	\$6,440.00
691	1	2173.601	Erosion Control		1.0	LS	\$ 3,072.55	\$3,072.55
					0.0			
	1	2182.110	ODOT 644 Thermoplastic Crosswalk lines (12")		568.0	l.f	\$ 6.30	\$3,578.40
	1	2182.120	ODOT 644 Thermoplastic Stop Bar (24")		60.0	l.f	\$ 12.00	\$720.00
	1	2182.130	ODOT 644 Thermoplastic Centerline		4,188.0	l.f.	\$ 1.90	\$7,957.20
	1	2182.140	ODOT 647 Heat Fused Thermoplastic Skid Resistant retroreflective Green Pavement Marking		260.0	sf	\$ 20.00	\$5,200.00
	1	2182.200	ODOT 647 Heat Fused Preformed Thermoplastic 96" Bike Xing Marking (symbol and word)		2.0	ea.	\$ 945.00	\$1,890.00
	1	2182.210	ODOT 647 Heat Fused Preformed Thermoplastic Shared Lane Marking		34.0	ea.	\$ 450.00	\$15,300.00
	1	2182.230	ODOT 647 Heat Fused Preformed Thermoplastic - Word "SCHOOL" on Pavement 48"		2.0	ea.	\$ 450.00	\$900.00
	0			<i>Adj. Factor</i>			SUBTOTAL	\$429,880.54
10	1	1055.100	Quantity Adjustment Allowance	1.0	10%	LS		\$43,000.00
	0							
	0			<i>Adj. Factor</i>			SUBTOTAL	\$472,880.54
10	1	1055.150	Bid Uncertainty	1.0	3%	LS		\$14,186.42
	0							
TOTAL:								\$487,066.96



**OHIO PUBLIC WORKS COMMISSION ROUND 34 FUNDING APPLICATION
EAST COLLEGE STREET RESURFACING - EXISTING CONDITIONS**

West Terminus at Park St. Intersection



ADA-compliant crosswalks and thermoplastic pavement markings installed on all (4) legs of the intersection in conjunction with OPWC Round 31 Project in 2017.

Eastbound from Park Street approaching School Zone



East College at School Zone, eastbound



Typical pavement conditions: moderate to severe rutting/distortion in travel paths; extensive block cracking; moderate raveling. Select grind/repair, crack sealing, micro-surfacing (2007) and DuraPatch have extended pavement life. Patching/pavement maintenance treatments in poor to fair condition. Type 2 curb in good condition, throughout.

Midblock Crosswalk at Eastwood Elementary School



Non-compliant ramps at elementary school crosswalk. Typical pavement conditions.

Spring Street Intersection, westbound towards School Zone



Non-compliant ramps at Spring Street Intersection. Typical pavement conditions.

Typical Pavement Condition between Spring St. and King St.



King St. Intersection, westbound



Non-compliant ramps at King Street intersection. Typical pavement conditions: moderate rutting/distortion in travel paths; extensive block cracking; moderate raveling. Select grind/repair, crack sealing, micro-surfacing (2007) and Dura-Patch have extended pavement life. Patching/pavement maintenance treatments in poor to fair condition. Type 2 curb in good condition, throughout.

Orchard Street Intersection



Orchard Street, OPWC Round 22. Needs ADA-compliant ramp on south side of intersection.

North Coast Inland Trail



Extensive pavement maintenance treatments in poor to fair condition. Potholes forming. Deficient pavement warning markings for North Coast Inland Trail; deficient centerline marking.

Shipherd Circle Intersection



New accessible crosswalk - Safe Routes to School, 2018. Deficient pavement warning markings for North Coast Inland Trail.

Typical Pavement Condition – 400 block



Typical pavement conditions: moderate rutting/distortion in travel paths; extensive block cracking; moderate raveling. Potholes forming.

2016 Water Main Repair – 460 East College





The water main was replaced in 2017. The patch is in much better condition than the adjacent roadway. Type 2 curb in good condition, throughout.

East Terminus – signalized intersection at Oberlin Road



Oberlin Road, OPWC Round 31 – joint project with Lorain County Engineers, 2017

 = PROJECT AREA
 = OPWC ROUND 31



OPWC ROUND 34
AREA MAP
**EAST COLLEGE STREET
RESURFACING PROJECT**

