

2023



CITY OF KETTERING

Heritage Point Drive Improvements

North of West Schantz Avenue

City Project No. 02-291

08.23.2023

KETTERING
is home



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: _____	Subdivision Code: _____
	District Number: _____ County: _____	Date: _____
	Contact: _____ <small>(The individual who will be available during business hours and who can best answer or coordinate the response to questions)</small>	Phone: _____
	Email: _____	FAX: _____

Project	Project Name: _____	Zip Code: _____	
	Subdivision Type	Project Type	Funding Request Summary
	_____	<small>(Select single largest component by \$)</small>	<small>(Automatically populates from page 2)</small>
	SFN	1. Road	Total Project Cost: _____ .00
	_____	2. Bridge/Culvert	1. Grant: _____ .00
		3. Water Supply	2. Loan: _____ .00
	4. Wastewater	3. Loan Assistance/ Credit Enhancement: _____ .00	
	5. Solid Waste		
	6. Stormwater	Funding Requested: _____ .00	

District Recommendation (To be completed by the District Committee)

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

OPWC Project Financial Information

Subdivision: City of Kettering

Project Name: Heritage Point Drive Improvements (SCIP)

Project Estimated Costs

(All Costs Rounded to Nearest Dollar)

Engineering Services

Estimated Engineering:	_____	.00	
Construction Administration:	_____	.00	
Total Engineering Services:		<u>0</u>	.00 <u>0.0</u> %
Right of Way:		_____	.00
Construction:		<u>530,000</u>	.00
Permits, Advertising, Legal:		_____	.00
Construction Contingencies:		<u>53,000</u>	.00 <u>10.0</u> %
Total Estimated Costs:		<u>583,000</u>	.00

Project Financial Resources

Local Resources

Local In-Kind or Force Account:		_____	.00
Local Revenues:		<u>283,000</u>	.00
Other Public Revenues:			
ODOT / FHWA PID: _____		_____	.00
OEPA / OWDA: _____		_____	.00
Other: _____		_____	.00
Subtotal Local Resources:		<u>283,000</u>	.00 <u>48.5</u> %

OPWC Funds

Grant: <u>0</u> % of OPWC Funds		_____	.00
Loan: <u>100</u> % of OPWC Funds		<u>300,000</u>	.00
Loan Assistance / Credit Enhancement:		<u>0</u>	.00
Subtotal OPWC Funds:		<u>300,000</u>	.00 <u>51.5</u> %
Total Financial Resources:		<u>583,000</u>	.00 <u>100.0</u> %

OPWC Project Financial Information

Subdivision: City of Kettering

Project Name: Heritage Point Drive Improvements (LTIP)

Project Estimated Costs

(All Costs Rounded to Nearest Dollar)

Engineering Services

Estimated Engineering:	_____	.00	
Construction Administration:	_____	.00	
Total Engineering Services:		<u>0</u>	.00 <u>0.0</u> %
Right of Way:		_____	.00
Construction:		<u>530,000</u>	.00
Permits, Advertising, Legal:		_____	.00
Construction Contingencies:		<u>53,000</u>	.00 <u>10.0</u> %
Total Estimated Costs:		<u>583,000</u>	.00

Project Financial Resources

Local Resources

Local In-Kind or Force Account:		_____	.00
Local Revenues:		<u>183,000</u>	.00
Other Public Revenues:			
ODOT / FHWA PID: _____		_____	.00
OEPA / OWDA: _____		_____	.00
Other: _____		_____	.00
Subtotal Local Resources:		<u>183,000</u>	.00 <u>31.4</u> %

OPWC Funds

Grant: <u>100</u> % of OPWC Funds		<u>400,000</u>	.00
Loan: <u>0</u> % of OPWC Funds		_____	.00
Loan Assistance / Credit Enhancement:		<u>0</u>	.00
Subtotal OPWC Funds:		<u>400,000</u>	.00 <u>68.6</u> %
Total Financial Resources:		<u>583,000</u>	.00 <u>100.0</u> %

4.3 Project Description

A: SPECIFIC LOCATION (Supply a written location description that includes the project termini; a map does not replace this requirement.) 2000 character limit.

B: IDENTIFY THE PROBLEM (Describe the issue to be addressed) 2000 character limit.

C: PROJECT SCOPE (Describe the work to be completed) 2000 character limit.

D. How do you intend to promote this project? 1000 character limit.

E: Additional Notes From Applicant - 1000 character limit.

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: _____

Title: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____

FAX: _____

E-Mail: _____

5.2 Chief Financial Officer (Can not also serve as CEO)

Name: _____

Title: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____

FAX: _____

E-Mail: _____

5.3 Project Manager

Name: _____

Title: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____

FAX: _____

E-Mail: _____

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-IIV, "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.

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

Original Signature / Date Signed



CITY OF KETTERING

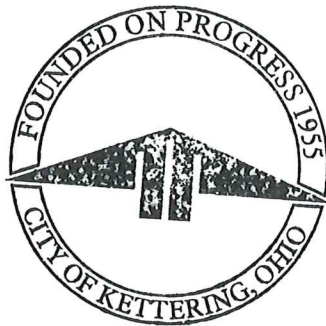
SHAUNA KACZYNSKI
CLERK OF COUNCIL

CERTIFICATE OF CLERK OF COUNCIL

STATE OF OHIO :
COUNTY OF MONTGOMERY : SS
CITY OF KETTERING :

The undersigned Clerk of Council of the City of Kettering, Ohio, hereby certifies that the foregoing is a true and a correct copy of Resolution No. 10920-23 passed by the Council of the City of Kettering on the 25th day of July 2023.

IN TESTIMONY WHEREOF, witness my hand and official seal this 3rd day of August 2023.



LASHAUNAH D. KACZYNSKI
Clerk of Council

CITY OF KETTERING, OHIO

A RESOLUTION

By: MS.DUVALL AND MRS.FISHER

No. 10920-23

AUTHORIZING THE CITY MANAGER TO APPLY FOR FUNDING FROM THE OHIO PUBLIC WORKS COMMISSION FOR THE SOUTHERN BOULEVARD IMPROVEMENTS PROJECT AND THE HERITAGE POINT DRIVE IMPROVEMENTS PROJECT

WHEREAS, the Ohio Public Works Commission's ("OPWC") State Capital Improvement Program and Local Transportation Improvement Program both provide financial assistance to political subdivisions for capital improvements to public infrastructure; and

WHEREAS, the City of Kettering is currently planning to make capital improvements with the following project(s):

1. Southern Boulevard Improvements – South of Stroop Road (Project No. 02-142L);
2. Heritage Point Drive Improvements – (Project No. 02-291); and

WHEREAS, the infrastructure improvements described above are considered to be a priority need for the community and are qualified projects under the OPWC programs;

NOW, THEREFORE, Be It Resolved by the Council of the City of Kettering, State of Ohio, that:

Section 1. The City Manager is hereby authorized to make application on behalf of the City of Kettering to the OPWC for funds for the capital improvement(s) described in the recital paragraphs above.

Section 2. The City Manager is further authorized to take all necessary and proper action to accept the funds awarded and execute any related contracts or instruments. The City Manager is further authorized to sign any amendments or extensions thereto that the City Manager deems appropriate.

Section 3. As provided in Section 4-8 of the City Charter, this Resolution takes effect immediately upon its adoption.

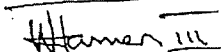
Passed by Council this 25 day of JULY 2023.


PEGGY LEHNER, Mayor

ATTEST:

CERTIFICATE OF APPROVAL


LASHAUNAH D. KACZYNSKI,
Clerk of Council


THEODORE A. HAMER III,
Law Director

(Requested by: Engineering Department)



CITY OF KETTERING


FINANCE DEPARTMENT

CHIEF FINANCIAL OFFICER'S CERTIFICATION OF LOCAL FUNDS

August 18, 2023

I, Nancy Gregory, Finance Director of the City of Kettering, Ohio, hereby certify that the City of Kettering has the amount of **\$ 283,000.00** in the Capital Improvement Fund and that this amount will be used to pay the local share for the Heritage Point Drive Improvements project, when it is required.

I, Nancy Gregory, Finance Director of the City of Kettering, hereby certify that the City of Kettering has the amount of **\$ 300,000.00** in the Capital Improvement Fund and that this amount will be used to repay the Ohio Public Works Commission SCIP or RLP loan requested for the Heritage Point Drive Improvements project over a 20 year term.



Nancy Gregory, Finance Director
City of Kettering, Ohio



CITY OF KETTERING

FINANCE DEPARTMENT

CHIEF FINANCIAL OFFICER'S CERTIFICATION OF LOCAL FUNDS

August 18, 2023

I, Nancy Gregory, Finance Director of the City of Kettering, Ohio, hereby certify that the City of Kettering has the amount of **\$ 183,000.00** in the Capital Improvement Fund and that this amount will be used to pay the local share for the Heritage Point Drive Improvements project, when it is required.

A handwritten signature in blue ink, reading "Nancy A. Gregory".

Nancy Gregory, Finance Director
City of Kettering, Ohio

CITY			EST'D	UNIT	ESTIMATED
SPEC.	DESCRIPTION	UNIT	QUANT.	PRICE	COST
201	CLEARING AND GRUBBING INCLUDING TREE/STUMP REMOVAL (<12"), AS PER PLAN	1	LUMP	\$4,000.00	\$4,000.00
202	PIPE REMOVED (>8")	30	FOOT	\$20.00	\$600.00
202	CATCH BASIN OR INLET REMOVED	3	EACH	\$750.00	\$2,250.00
202	CONCRETE CURB REMOVED	1,710	FOOT	\$15.00	\$25,650.00
202	CONCRETE FLATWORK REMOVED (9" & UNDER)	6,935	SF	\$7.00	\$48,545.00
202	PAVEMENT REMOVAL	1,000	SY	\$50.00	\$50,000.00
203A	EXCAVATION AND EMBANKMENT, INCLUDING ASPHALT CONCRETE AND PIPE ≤ 8"	739	CY	\$35.00	\$25,861.11
253	PAVEMENT REPAIRS, FULL DEPTH	100	SY	\$100.00	\$10,000.00
254	PAVEMENT PLANING, 2.5"	4,704	SY	\$2.75	\$12,935.08
407	NON-TRACKING TACK COAT	941	GAL	\$3.50	\$3,292.57
441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1 (449), (1")	265	TON	\$110.00	\$29,103.94
441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (449), PG64-22 (1.5")	397	TON	\$110.00	\$43,655.91
605A	6" PERFORATED SHALLOW PIPE UNDERDRAIN W FABRIC WRAP, 707.31	80	FOOT	\$20.00	\$1,600.00
605B	4" DRAIN TILE, SCHEDULE 40 PVC (CONTINGENCY)	100	FOOT	\$50.00	\$5,000.00
608A	4" CONCRETE SIDEWALK	7,346	SF	\$12.00	\$88,152.00
608A	6" CONCRETE SIDEWALK	425	SF	\$15.00	\$6,375.00
608A	6" CONCRETE DRIVE APPROACH	288	SF	\$15.00	\$4,320.00
608A	6" CONCRETE CURB RAMP	385	SF	\$15.00	\$5,775.00
608A	DETECTABLE WARNING	74	SF	\$40.00	\$2,960.00
608B	ASPHALT DRIVEWAY (449)	37	TON	\$150.00	\$5,478.75
609	ODOT TYPE 6 CURB	1,710	FOOT	\$35.00	\$59,850.00
611	CATCH BASIN, TYPE 3 - KETTERING MODIFIED	2	EACH	\$4,250.00	\$8,500.00
611	CATCH BASIN, TYPE 6	2	EACH	\$3,750.00	\$7,500.00
611	MANHOLE, ODOT NO 3, 48" PRECAST BASE	1	EACH	\$4,000.00	\$4,000.00
611	MANHOLE ADJUSTED TO GRADE, TYPE 1	1	EACH	\$750.00	\$750.00
611	12" CONDUIT, ADS N-12 OR APPROVED EQUAL	60	FOOT	\$100.00	\$6,000.00
613	LOW STRENGTH MORTAR BACKFILL, LSM 100 (CONTINGENCY)	20	CY	\$200.00	\$4,000.00
614	MAINTAINING TRAFFIC	1	LUMP	\$17,740.09	\$17,740.09
644	CENTERLINE, DOUBLE SOLID (FOOT)	70	FOOT	\$20.00	\$1,400.00
644	CHANNELIZING LINE 6" (FOOT)	5	FOOT	\$20.00	\$100.00
653	TOPSOIL FURNISHED AND PLACED, 4" DEPTH	211	TON	\$50.00	\$10,555.56
659	SEEDING AND MULCHING	1,900	SY	\$3.50	\$6,650.00
832	STORM WATER POLLUTION PREVENTION PLAN, PER ODOT SS 832	1	LUMP	\$2,000.00	\$2,000.00
832	STORM WATER POLLUTION PREVENTION INSPECTIONS	1	LUMP	\$1,750.00	\$1,750.00
832	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE	1	LUMP	\$1,250.00	\$1,250.00
832	SEDIMENT AND EROSION CONTROL, PER ODOT SS 832	5,000	EACH	\$1.00	\$5,000.00
901	WATER VALVE ADJUSTED TO GRADE, TYPE 1	4	EACH	\$400.00	\$1,600.00
901	WATER VALVE ADJUSTED TO GRADE, TYPE 2A	4	EACH	\$800.00	\$3,200.00
902	SANITARY MANHOLE ADJUSTED TO GRADE, TYPE 1	4	EACH	\$700.00	\$2,800.00
902	SANITARY MANHOLE ADJUSTED TO GRADE, TYPE 2A	3	EACH	\$1,400.00	\$4,200.00
902	SANITARY MANHOLE ADJUSTED TO GRADE, TYPE 2B	2	EACH	\$2,800.00	\$5,600.00
ESTIMATED CONSTRUCTION COST:					\$530,000.00
10% CONTINGENCY					\$53,000.00
TOTAL ESTIMATED CONSTRUCTION COST:					\$583,000.00

I, hereby, certify that the project estimated costs are realistic based upon the level of detail currently available for this project. The estimated useful life of this project is 23.6 years. In evidence, whereof, I set my signature and seal this date.

Michael L Zink, P.E.

Michael Zink, P.E. (Ohio License No. 83447)

8-21-23

Date



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	\$941	100	\$94,050	25	23512.5
Full-depth road construction w/o drainage		0	\$0	25	0
Partial-depth road construction w/ drainage		0	\$0	15	0
Partial-depth road construction w/o drainage	\$2,847	100	\$284,650	15	42697.54507
Storm Sewers	\$326	100	\$32,560	40	13024
Sanitary Sewers		0	\$0	40	0
Water Lines		0	\$0	40	0
Bridge		0	\$0	75	0
Pumps, Lift Stations		0	\$0	15	0
Sidewalks	\$1,717	0	\$0	25	42934.925
Bike Facility		0	\$0	7	0
			0		0
			0		0
			0		0
Totals	5830.0		411260.3		122169.0

Weighted Useful Life: 21.0 Years

Design Service Capacity (Project Application, Section 2.0):

Portion Repair / Replace 71 %
 Portion New / Expansion 29 %

USEFUL LIFE CERTIFICATION

I hereby certify that this project has an expected useful life of normal usage in this specific situation; in evidence, whereof, I have set my signature and seal as of this date.

Michael Zink E-83447
 Project Manager
 Ohio Engineer's License #

8-21-2023
 Date



OHIO PUBLIC WORKS COMMISSION

DISTRICT 4

FY25 Supplemental Questionnaire

Applicant: City of Kettering

Project Title: Heritage Point Drive Improvements

Application Summary:

Briefly describe the project:

The project scope primarily includes a road diet for the majority of the project area from approximately 40 feet wide to 29 feet wide from back of curb to back of curb. The project also includes resurfacing of approximately 1,185 feet of Heritage Point Drive. Work associated with resurfacing includes minimal pavement markings. The scope also includes removal and replacement of curb, sidewalk, drives, catch basins, and repair/adjusting to grade of manholes.

Heritage Point Drive is classified as a local road. Two RTA bus routes run along the south end of the project: Route #11 runs along Schantz Avenue and South Dixie Highway and #18 runs along South Dixie Highway.

City engineering staff will prepare the bid documents. No right-of-way is required for the project work. Specifications will be written to minimize disruption to the traveling public during construction.

The street was last resurfaced in 1995.

Priority:

Is this application your priority project? (Circle One)	
Yes <input type="radio"/>	No <input checked="" type="radio"/>

Generation of Revenue:

Will new user fees or assessments be assessed as part of this project? (Circle One)	
Yes <input checked="" type="radio"/>	No <input type="radio"/>
What will the new user fees or assessments be used for?	
Adjacent property owners will be assessed for existing curb, sidewalk, and drive approach that do not meet specifications (deteriorated, heaved by tree roots, settled, etc). Repair of these items are typically assessed to the adjacent property owners, who are legally responsible, and well as directly benefited.	

Additional Funding:

Will OPWC match, in part, a committed grant or loan? (Circle One)	
Yes <input type="radio"/>	No <input checked="" type="radio"/>
If no, was the project submitted to an appropriate agency for funding, but denied due to lack of funding? (Circle One)	
Yes – Appropriate Documentation Attached <input type="radio"/>	No <input checked="" type="radio"/>

Readiness of Project:

Will this project be <u>substantially</u> underway on or before June 1, 2025? (Circle One)	
Yes <input checked="" type="radio"/>	No <input type="radio"/>

Health & Safety:

Describe the specific health or safety issue being addressed by this project. What deficiency or condition is causing the health or safety issue?
The City of Kettering evaluates the street conditions every 4 years with the most recent evaluation in 2020. The pavement condition rating (PCR) of 61 indicates a fair deteriorated asphalt roadway surface. The deteriorated asphalt surface has a decreased skid resistance. By milling off the existing asphalt, and paving back new asphalt, the skid resistance will be maximized. At the year of resurfacing (2024), the asphalt pavement will have lasted 29 years.

Addresses District Infrastructure Needs:

Is this project located in more than one community? (Circle One)		
Yes <input type="radio"/>		No <input checked="" type="radio"/>
What percentage of the community will be served by this project? (Circle One)		
Less than 25% <input checked="" type="radio"/>	25% to 40% <input type="radio"/>	More than 40% <input type="radio"/>

Economic Development

How many jobs are being created as a result of this project?	0
How many jobs will be retained as a result of this project?	0
Why is it necessary to fund this improvement to secure this development?	
N/A	
What type of industry is proposed in this development?	
N/A	

Relieve Existing Traffic Congestion:

What is the level of service?	LOS A
--------------------------------------	-------

Other Factors

What other factors exist that make this project more important than other like projects?

Besides the road diet improving existing conditions for adjacent property owners, it is also a move towards more sustainable infrastructure because future pavement maintenance will require reduced construction efforts and materials. This will primarily be accomplished by reducing street width from 40' to 29', and also moving the sidewalk away from established trees (and roots) and the curb (where settling sidewalk adjacent to the curb does not become a trip hazard).

Heritage Point Drive Improvements

Detailed Project Description

The purpose of this project is to resurface the asphalt pavement, reduce the roadway cross-section, provide pedestrian buffer zones, replace deteriorated and/or tilted curb and sidewalk. The existing section of Heritage Point Drive is forty feet (40') wide, and the proposed road diet will narrow it to twenty-nine feet (29').

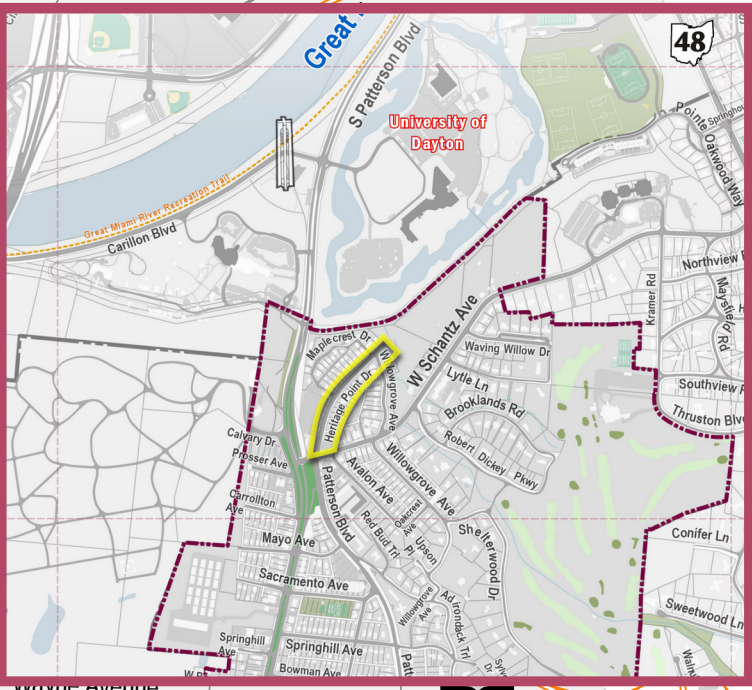
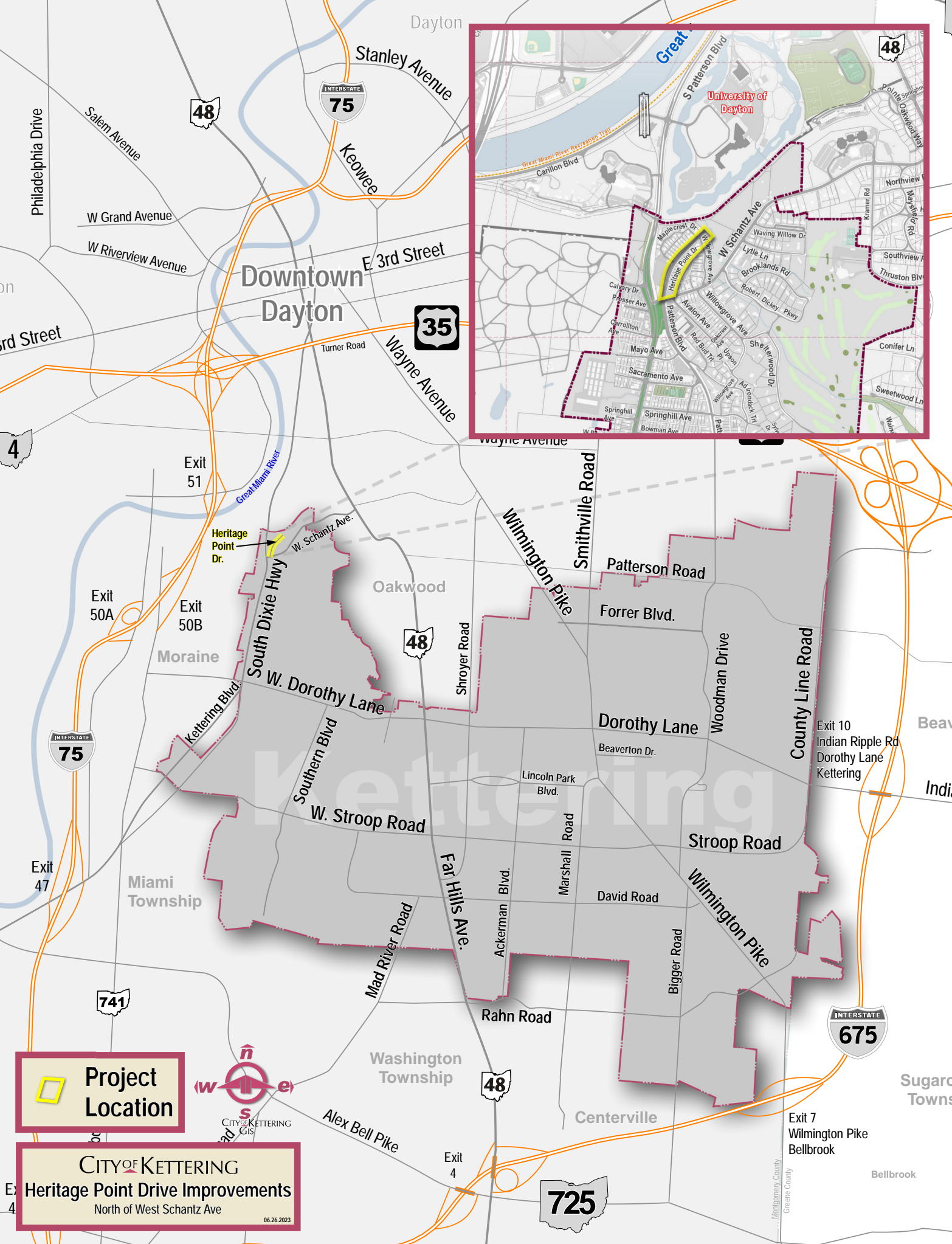
The asphalt pavement was last resurfaced in 1995, and the Pavement Condition Rating is 61. A city crew has extensively patched the street. Additionally, many sidewalk panels are tilted due to the roots of old trees.

The few catch basins that exist are under-capacity. The replacement catch basins will be designed to current design criteria, and will improve the street drainage.

The total length of the project is 1,185 feet, and runs from West Schantz Avenue north to its terminus. The street is classified as Local, and provides access to the Heritage House (owned by Dayton History) and residential homes. The design ADT is 475 vehicles per day. Two RTA bus routes run along the north end of the project: Route #11 runs along Schantz Avenue and South Dixie Highway and #18 runs along South Dixie Highway.

The critical design step of the project is to gather survey data and recreate the vertical profile of the proposed centerline, curb, and sidewalk to ensure proper pavement cross-slopes and increase pavement depth where possible. Kettering will engage the property owners to obtain feedback about the road diet and share the benefits to their neighborhood. The proposed sale date for the project is February 2025.

The cost to replace the curb and sidewalk will be primarily born by the adjacent property owners, who will be assessed.



Project Location

CITY OF KETTERING
Heritage Point Drive Improvements
 North of West Schantz Ave
 06.26.2023



Dayton
 Stanley Avenue
 Keowee
 Philadelphia Drive
 Salem Avenue
 W Grand Avenue
 W Riverview Avenue
 E 3rd Street
 Turner Road
 Wayne Avenue
 Wayne Avenue
 Exit 51
 Exit 50A
 Exit 50B
 Exit 47
 Exit 10
 Exit 7
 Exit 4
 I-48
 I-75
 I-675
 I-741
 I-725
 W. Schantz Ave.
 South Dixie Hwy
 W. Dorothy Lane
 Southern Blvd
 W. Stroop Road
 Mad River Road
 Alex Bell Pike
 Oakwood
 Moraine
 Miami Township
 Washington Township
 Centerville
 Bellbrook
 Kettering
 Hermitage Point Dr.
 Calvary Dr.
 Prosser Ave
 Carrollton Ave
 Mayo Ave
 Sacramento Ave
 Springhill Ave
 Springhill Ave
 Bowman Ave
 W. Schantz Ave
 Lytle Ln
 Brooklands Rd
 Robert Dickey Pkwy
 Willowgrove Ave
 Red Blud Trk
 Wagonwheel Ave
 Ad Johnson Rd
 Shelterwood Dr
 Conifer Ln
 Sweetwood Ln
 Patterson Road
 Forrer Blvd.
 Dorothy Lane
 Beaverton Dr.
 Stroop Road
 David Road
 Wilmington Pike
 Bigger Road
 Rahn Road
 Ackerman Blvd.
 Marshall Road
 Woodman Drive
 County Line Road
 Indian Ripple Rd
 Dorothy Lane
 Kettering
 Bellbrook
 Sugar Creek Township
 Montgomery County
 Greene County

PROJECT PHOTOS



Heritage Point Drive, facing north.
Deteriorating asphalt pavement surface – worst was already patched.
Street is overly wide for traffic. Cross-slope out of spec for sidewalks
at the back of curb – mostly due to tree roots.



Heritage Point Drive, facing south.
Cracking and missing asphalt pavement exacerbated by deteriorating gutter.



Southern Boulevard, facing north.
Significant cracking of asphalt. Deteriorating curb and sidewalk.



Southern Boulevard, facing north.
Asphalt patching and cracking. Gutter paved over with asphalt in past to cover gutter and provide additional pavement thickness. Deteriorated drive approach, sidewalk and curb.



Southern Boulevard, facing south.
Asphalt patching. Deteriorated drive approach, sidewalk and curb.



CITY OF KETTERING

ENGINEERING DEPARTMENT

Traffic Count

Current ADT (2022)	450
Design Year ADT	475
Design Hourly Volume	50 Veh/Hr
Directional Distribution	70%
Trucks	4%
Functional Classification	Residential