



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 Kettering Subdivision Code: 113-40040

District Number: 4 County: Montgomery Date: 08/30/2022

Contact: Kettering Engineer Phone: (937) 296-2436
(The individual who will be available during business hours and who can best answer or coordinate the response to questions)

Email: ketteringengineering@ketteringoh.org FAX: _____

Project

Project Name: East David Road Improvements Zip Code: 45429

Subdivision Type	Project Type	Funding Request Summary	
	<small>(Select single largest component by \$)</small>	<small>(Automatically populates from page 2)</small>	
<u>City</u>	x 1. Road	Total Project Cost:	<u>1,253,759 .00</u>
	2. Bridge/Culvert	1. Grant:	<u>155,000 .00</u>
	3. Water Supply	2. Loan:	<u>155,000 .00</u>
	4. Wastewater	3. Loan Assistance/ Credit Enhancement:	<u>0 .00</u>
	5. Solid Waste	Funding Requested:	<u>310,000 .00</u>
	6. Stormwater		

District Recommendation (To be completed by the District Committee)

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

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

1.1 Project Estimated Costs

Engineering Services

Preliminary / Final Design:	<u>0</u>	.00	
Construction Administration:	<u>33,759</u>	.00	
Total Engineering Services:	a.)	<u>33,759</u>	.00 <u>2.9</u> %
Right of Way:	b.)	<u>60,000</u>	.00
Construction:	c.)	<u>1,160,000</u>	.00
Permits, Advertising, Legal:	e.)	<u>0</u>	.00
Construction Contingencies:	f.)	<u>0</u>	.00
Total Estimated Costs:	g.)	<u>1,253,759</u>	.00

1.2 Project Financial Resources

Local Resources

Local In-Kind or Force Account:	a.)	<u>0</u>	.00
Local Revenues:	b.)	<u>248,324</u>	.00
Other Public Revenues:			
Local / ODOT - Let: <u>ODOT</u>	d.)	<u>695,435</u>	.00
ODOT PID: <u>110254</u>			
OEPA / OWDA:	e.)	<u>0</u>	.00
CDBG:	f.)	<u>0</u>	.00
Other: _____	g.)	<u>0</u>	.00
Subtotal Local Resources:	i.)	<u>943,759</u>	.00 <u>75.3</u> %

OPWC Funds (Check all requested and enter Amount)

Grant: <u>50</u> % of OPWC Funds	j.)	<u>155,000</u>	.00
Loan: <u>50</u> % of OPWC Funds	k.)	<u>155,000</u>	.00 <u>20</u> yrs
Loan Assistance / Credit Enhancement:	l.)	<u>0</u>	.00
Subtotal OPWC Funds:	m.)	<u>310,000</u>	.00 <u>24.7</u> %
Total Financial Resources:	n.)	<u>1,253,759</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 New / Expansion: _____⁰.00

3.0 Project Schedule

3.1 Engineering / Design / Right of Way Begin Date: 04/23/2019 End Date: 11/30/2023

3.2 Bid Advertisement and Award Begin Date: 02/29/2024 End Date: 03/29/2024

3.3 Construction Begin Date: 04/30/2024 End Date: 11/15/2024

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: 20 Years Age: 2006 (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 5728 Year 2019

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

Residential Water Rate Current \$ 0 Number of households served: _____

Residential Wastewater Rate Current \$ 0 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.) 2000 character limit.

Far Hills Avenue to Ackerman Boulevard

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

Resurfacing: to maintain the structural integrity of the pavement structure, plus improve ride quality and skid resistance;

Reconstruction of traffic signal: to upgrade traffic signal poles and add School Flasher (which is not possible with current system);

Replacement of non-compliant/deteriorated concrete: providing accessibility and regular maintenance;
310' of roadway improvement: to complete final missing link of sidewalk and improved roadway (curb and storm sewer).

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

Resurface 3400' of pavement mostly 36' to 42' wide; 310' of roadway improvement; reconstruct traffic signal.

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: Mark Schwieterman
Title: City Manager
Address: 3600 Schroyer Road

City: Kettering State: OH Zip: 45429
Phone: 937-296-2412
FAX:
E-Mail: mark.schwieterman@ketteringoh.org

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

Name: Nancy Gregory
Title: Finance Director
Address: 3600 Shroyer Road

City: Kettering State: OH Zip: 45429
Phone: 937-296-2400
FAX:
E-Mail: nancy.gregory@ketteringoh.org

5.3 Project Manager

Name: Chad Ingle
Title:
Address: 3600 Shroyer Road

City: Kettering State: OH Zip: 45429
Phone: 937-296-2436
FAX:
E-Mail: chad.ingle@ketteringoh.org

6.0 Attachments / Completeness review

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

- x 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.

- x 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.

- x 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.

- x 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, OHIO

A RESOLUTION

By: MR. DUKE AND MRS. FISHER

No. 10779-22

**AUTHORIZING THE CITY MANAGER TO APPLY FOR
FUNDING FROM THE OHIO PUBLIC WORKS COMMISSION
FOR THE EAST DAVID ROAD IMPROVEMENTS PROJECT
AND THE GOLF CLUB ESTATES 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. East David Road Improvements – Far Hills to Ackerman (Project No. 02-116R);
2. Golf Club Estates – Phase 1 (Project No. 03-607B); 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 9 day of AUGUST 2022.


PEGGY LEHNER, Mayor

ATTEST:


LASHAUNAH D. KACZYNSKI,
Clerk of Council

CERTIFICATE OF APPROVAL


THEODORE A. HAMER III,
Law Director

(Requested by: Engineering Department)

CHIEF FINANCIAL OFFICER'S CERTIFICATION OF LOCAL FUNDS

August 25, 2022

I, Nancy Gregory, Finance Director of the City of Kettering, Ohio, hereby certify that the City of Kettering has the amount of **\$ 248,324.00** in the Capital Improvement Fund and that this amount will be used to pay the local share for the David Road Improvement 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 **\$155,000.00** 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 David Road Improvement Project over a 20 year term.



Nancy Gregory, Finance Director
City of Kettering, Ohio




CHIEF FINANCIAL OFFICER'S CERTIFICATION OF LOCAL FUNDS

August 25, 2022

I, Nancy Gregory, Finance Director of the City of Kettering, Ohio, hereby certify that the City of Kettering has the amount of **\$ 155,000.00** in the Capital Improvement Fund and that this amount will be used to pay the local share for the David Road Improvement 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 **\$155,000.00** 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 David Road Improvement Project over a 20 year term.



Nancy Gregory, Finance Director
City of Kettering, Ohio

ENGINEER'S ESTIMATE		CITY PROJECT NUMBER: 02-116R			
PROJECT NAME: MOT E. DAVID RD. IMPROVEMENTS (PID 110254)					August 16, 2022
SPEC.		EST'D		UNIT	ESTIMATED
NO.	DESCRIPTION	QUANT.	UNIT	PRICE	COST
ROADWAY					
201-1000	CLEARING AND GRUBBING INCLUDING TREE/STUMP REMOVAL (<12")	1	LUMP	\$2,500.00	\$2,500.00
201-1300	TREE & STUMP REMOVAL, 36" AND GREATER	1	EACH	\$2,000.00	\$2,000.00
202-1100	CATCH BASIN OR INLET REMOVED	2	EACH	\$800.00	\$1,600.00
202-1200	MANHOLE REMOVED	2	EACH	\$800.00	\$1,600.00
202-2001	CONCRETE CURB REMOVED, AS PER PLAN	2,807	FOOT	\$12.00	\$33,684.00
202-3000	CONCRETE FLATWORK REMOVED (6" & UNDER)	5,649	SF	\$4.00	\$22,596.00
202-4100	FENCE REMOVED	24	FOOT	\$12.00	\$288.00
203A-1101	EXCAVATION AND EMBANKMENT, INCLUDING ASPHALT CONCRETE AND PIPE < 8"	1,038	CY	\$30.00	\$31,153.50
204-1000	SUBGRADE COMPACTION	1,947	SY	\$2.25	\$4,381.75
254-1001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN	16,167	SY	\$3.00	\$48,501.33
301-1000	ASPHALT CONCRETE BASE (449)	568	TON	\$85.00	\$48,280.39
304-1000	AGGREGATE BASE	974	TON	\$40.00	\$38,948.89
407-2000	NON-TRACKING TACK COAT	4,143	GAL	\$3.00	\$12,430.37
441-1100	ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (449), PG64-22 (1.5")	1,528	TON	\$98.00	\$149,784.73
441-1000	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1 (449), (1")	1,019	TON	\$98.00	\$99,856.49
605A-1003	6" PERFORATED SHALLOW PIPE UNDERDRAIN W FABRIC WRAP, 707.31	104	FOOT	\$25.00	\$2,600.00
608A-1000	4" CONCRETE SIDEWALK	3,092	SF	\$9.00	\$27,828.00
608A-2062	6" CONCRETE DRIVE APPROACH, AS PER PLAN	4,217	SF	\$12.00	\$50,604.00
608A-3001	6" CONCRETE CURB RAMP, AS PER PLAN	146	SF	\$12.00	\$1,752.00
608A-3082	DETECTABLE WARNING, AS PER PLAN	48	SF	\$40.00	\$1,920.00
608B-1402	ASPHALT DRIVEWAY (3" TOTAL THICKNESS IN 2 LIFTS)	888	SF	\$15.00	\$13,320.00
609-1110	KETTERING TYPE B CONCRETE CURB AND GUTTER, AS PER PLAN	123	FOOT	\$55.00	\$6,765.00
609-1505	ODOT TYPE 4-C CONCRETE BARRIER CURB, AS PER PLAN	2,825	FOOT	\$35.00	\$98,875.00
609-3000	CONCRETE MEDIAN	1,081	SF	\$15.00	\$16,215.00
611-5500	12" CONDUIT, TYPE B	31	FOOT	\$65.00	\$2,015.00
611-5700	18" CONDUIT, TYPE B	25	FOOT	\$90.00	\$2,250.00
611-1060	CATCH BASIN, TYPE 2-3	1	EACH	\$3,000.00	\$3,000.00
611-1200	CATCH BASIN, TYPE 3-KETTERING MODIFIED	2	EACH	\$3,500.00	\$7,000.00
611-2100	MANHOLE, ODOT NO 3, 60" PRECAST BASE	1	EACH	\$3,500.00	\$3,500.00
611-2810	MANHOLE ADJUSTED TO GRADE, TYPE 1	5	EACH	\$300.00	\$1,500.00
611-2825	MANHOLE ADJUSTED TO GRADE, TYPE 2A	5	EACH	\$800.00	\$4,000.00
611-2826	MANHOLE ADJUSTED TO GRADE, TYPE 2B	2	EACH	\$1,000.00	\$2,000.00
613-1007	LOW STRENGTH MORTAR BACKFILL, LSM100 (CONTINGENCY)	20	CY	\$100.00	\$2,000.00
614-1001	MAINTAINING TRAFFIC, AS PER PLAN	1	LUMP	\$50,062.62	\$50,062.62
621-1000	RAISED PAVEMENT MARKER, TWO-WAY, WHITE-RED	19	EACH	\$35.00	\$665.00
621-2000	RAISED PAVEMENT MARKER, TWO-WAY, YELLOW-YELLOW	30	EACH	\$35.00	\$1,050.00
621-3000	RAISED PAVEMENT MARKER, TWO-WAY, BLUE-BLUE	3	EACH	\$35.00	\$105.00
621-5000	RAISED PAVEMENT MARKER REMOVED	52	EACH	\$15.00	\$780.00
632-6300	DETECTOR LOOP	3	EACH	\$1,750.00	\$5,250.00
644-1100	EDGE LINE, 4"	0.06	MILE	\$15,000.00	\$857.95
644-1500	CENTER LINE, DOUBLE SOLID	0.36	MILE	\$15,000.00	\$5,465.91
644-1800	CHANNELIZING LINE, 6"	0.05	MILE	\$15,000.00	\$818.18
644-2100	STOP LINE, 24"	152	FOOT	\$9.00	\$1,368.00
644-2200	CROSWALK LINE, 12"	541	FOOT	\$5.00	\$2,705.00
644-2400	TRANSVERSE LINE, 24"	210	FOOT	\$9.00	\$1,890.00
644-3000	LANE ARROW	1	EACH	\$250.00	\$250.00
653-0300	TOPSOIL FURNISHED AND PLACED, 4" DEPTH	74	TON	\$40.00	\$2,962.96
659-0100	SEEDING AND MULCHING	667	SY	\$3.00	\$2,000.00
832-0200	SEDIMENT AND EROSION CONTROL, PER ODOT SS 832	2,500	EACH	\$1.00	\$2,500.00
901-6310	WATER LINE VALVE BOX ADJUSTED TO GRADE, PER MCES SPECIFICATIONS	2	EACH	\$600.00	\$1,200.00
901-6373	REMOVE AND RELOCATE WATER LINE VALVE BOX, PER MCES SPECIFICATIONS (CONTINGENCY)	1	EACH	\$3,000.00	\$3,000.00
902-2000	SANITARY MANHOLE ADJUSTED TO GRADE, PER MCES SPECIFICATIONS	7	EACH	\$1,000.00	\$7,000.00
902-2004	SANITARY MANHOLE ADJUSTED TO GRADE, PER MCES SPEC, WITH COUNTY PROVIDE FRAME AND LID	7	EACH	\$1,150.00	\$8,050.00
SPEC-0800	HYBRID INTERLAYER PAVING MAT	5,205	SY	\$6.00	\$31,232.67
				ROADWAY SUBTOTAL:	\$873,962.75

TRAFFIC					
625-4000	TRENCH	175	LF	\$17.00	\$2,975.00
625-3524	CONDUIT, JACKED OR DRILLED, 725.052, 2", AS PER PLAN	1,100	LF	\$10.80	\$11,880.00
625-3530	CONDUIT, JACKED OR DRILLED, 725.052, 3", AS PER PLAN	425	LF	\$23.00	\$9,775.00
625-3121	CONDUIT RIGID METAL, 2", 725.04, AS PER PLAN	110	LF	\$20.00	\$2,200.00
625-3131	CONDUIT RIGID METAL, 3", 725.04, AS PER PLAN	40	EA	\$28.00	\$1,120.00
632-1820	CONDUIT RISER, 2", AS PER PLAN	2	EA	\$450.00	\$900.00
625-5183	PULLBOX, 725.08, 18" x 18" x 24", AS PER PLAN	3	EA	\$750.00	\$2,250.00
625-5243	PULLBOX, 725.08, 24" x 24" x 24", AS PER PLAN	3	EA	\$825.00	\$2,475.00
625-5362	PULLBOX, 725.07, 24" x 36" x 36", AS PER PLAN	1	EA	\$950.00	\$950.00
625-5481	PULLBOX, MISC: 725.07, 30"x48"x36", AS PER PLAN	1	EA	\$1,300.00	\$1,300.00
625-5901	PULLBOX, REMOVE & BACK-FILL WITH APPROVED MATERIAL	7	EA	\$450.00	\$3,150.00
632-0011	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN	1	EA	\$5,000.00	\$5,000.00
632-1810	PEDESTAL FOUNDATION	5	EA	\$960.00	\$4,800.00
632-1842	PEDESTAL, 5', TRANSFORMER BASE, AS PER PLAN	2	EA	\$525.00	\$1,050.00
632-1841	PEDESTAL, 8', TRANSFORMER BASE, AS PER PLAN	3	EA	\$560.00	\$1,680.00
632-1410	SIGNAL SUPPORT FOUNDATION	5	EA	\$5,000.00	\$25,000.00
632-1321	COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN No. 12, AS PER PLAN	4	EA	\$12,500.00	\$50,000.00
632-1220	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN No. 2, AS PER PLAN	1	EA	\$12,500.00	\$12,500.00
632-1200	MASTARM WIND DAMPERS	0	EA	\$450.00	\$0.00
625-2900	CABLE SPLICING KIT	1	EA	\$75.00	\$75.00
632-5061	POWER CABLE, 3-CONDUCTOR, NO.6 AWG	200	LF	\$3.00	\$600.00
632-5031	POWER CABLE, 3-CONDUCTOR, #10 AWG	740	LF	\$4.00	\$2,960.00
804-0006	CAT6 CABLE	200	LF	\$4.00	\$800.00
632-8001	POWER SERVICE, AS PER PLAN	1	EA	\$2,000.00	\$2,000.00
632-5030	SIGNAL CABLE, 3-CONDUCTOR, NO.14 AWG	1,260	LF	\$1.80	\$2,268.00
632-5050	SIGNAL CABLE, 5-CONDUCTOR, NO.14 AWG	4,105	LF	\$2.00	\$8,210.00
632-5070	SIGNAL CABLE, 7-CONDUCTOR, NO.14 AWG	0	LF	\$2.50	\$0.00
804-0007	FIBER OPTIC TESTING	1	EACH	\$950.00	\$950.00
804-0002	FAN-OUT KIT, 6 FIBER	1	EACH	\$250.00	\$250.00
804-1000	DROP CABLE, 6 FIBER, 6MM, AS PER PLAN	165	FOOT	\$3.25	\$536.25
804-1002	FIBER TERMINATION PANEL, 12 FIBER	1	EACH	\$550.00	\$550.00
804-1003	FUSION SPLICE, AS PER PLAN	2	EACH	\$850.00	\$1,700.00
804-1004	FIBER OPTIC CONNECTOR	12	EACH	\$90.00	\$1,080.00
804-0003	FIBER OPTIC CABLE, 72 FIBER, SM	150	FOOT	\$5.00	\$750.00
804-0004	FIBER OPTIC CABLE, 12 FIBER, MM	150	FOOT	\$5.00	\$750.00
633-1107	CABINET, TYPE TS2, AS PER PLAN	1	EACH	\$12,500.00	\$12,500.00
633-1300	CABINET FOUNDATION	1	EACH	\$2,000.00	\$2,000.00
804-1111	ATC CONTROLLER, AS PER PLAN	1	EACH	\$5,000.00	\$5,000.00
633-1601	CONTROLLER ITEM, MISC.: 10/100/1000 ETHERNET SWITCH	1	EACH	\$2,500.00	\$2,500.00
633-1602	CONTROLLER ITEM, MISC.: ETHERNET PATCH CORD	2	EACH	\$16.50	\$33.00
633-1606	CONTROLLER ITEM, MISC.: ETHERNET DROP CABLE	100	EACH	\$2.50	\$250.00
633-1500	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT	1	EACH	\$5,000.00	\$5,000.00
633-1400	CONTROLLER WORK PAD	1	EACH	\$950.00	\$950.00
625-6501	LUMINAIRE, CONVENTIONAL, SOLID STATE, (LED), AS PER PLAN	4	EA	\$400.00	\$1,600.00
625-7000	GROUND ROD	11	EA	\$250.00	\$2,750.00
632-6170	COVERING OF PEDESTRIAN SIGNAL HEAD	8	EA	\$20.00	\$160.00
632-6070	COVERING OF VEHICULAR SIGNAL HEAD	8	EA	\$20.00	\$160.00
632-6205	PEDESTRIAN PUSHBUTTON APS, AS PER PLAN	8	EA	\$1,100.00	\$8,800.00
632-9056	PEDESTRIAN SIGNAL HEAD, LED, COUNT-DOWN, TYPE A2, AS PER PLAN	8	EA	\$650.00	\$5,200.00
632-6011	VEHICULAR SIGNAL HEAD, LED, 3-SECTION, 12" LENS, 1-WAY, AS PER PLAN	8	EA	\$800.00	\$6,400.00
632-9041	SIGNALIZATION, MISC.: SURVEILLANCE CAMERA AND HARDWARE	1	EA	\$8,000.00	\$8,000.00
632-9043	SIGNALIZATION, MISC.: VIDEO DETECTION SYSTEM	4	EA	\$6,250.00	\$25,000.00
630-1030	SIGNING, MISC.: SCHOOL SPEED LIMIT ASSEMBLY WITH CHANGEABLE MESSAGE SIGN	2	EACH	\$4,400.00	\$8,800.00
630-1032	SIGNING, MISC.: BICYCLE ILLUMINATED SIGN	4	EACH	\$825.00	\$3,300.00
625-4005	TRENCHED IN PAVED AREA	100	FOOT	\$75.00	\$7,500.00
SPEC-0201	POTHOLING (CONTINGENCY)	10	HR	\$220.00	\$2,200.00
630-1020	SIGN HANGER ASSEMBLY, MAST ARM	25	EA	\$350.00	\$8,750.00
630-1041	SIGN ERECTED, FLAT SHEET, AS PER PLAN	160	SF	\$30.00	\$4,800.00
630-1080	REFLECTORIZED TAPE FOR POLE (ARROW DIVERGE)	20	FOOT	\$20.00	\$400.00
630-1050	GROUND MOUNTED SUPPORT, NO. 3 POST	60	FT	\$25.00	\$1,500.00
				TRAFFIC SUBTOTAL:	\$286,037.25
				TOTAL:	\$1,160,000.00



Chad Ingle

8/16/22

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	\$122.76	100	12276.45	25	3069.113
Full-depth road construction w/o drainage				25	
Partial-depth road construction w/ drainage		100		30	
Partial-depth road construction w/o drainage	\$673.94	100	67394	15	10109.1
Storm Sewers	\$26.87	100	2686.5	40	1074.6
Sanitary Sewers		100		40	
Water Lines				40	
Bridge				75	
Pumps, Lift Stations				15	
Sidewalks	\$50.42	100	5042.4	25	1260.6
Bike Facility		100		7	
Traffic Signal	\$286.00	100	28600	25	7150
Totals	1159.99353		115999.4		22663.41

Weighted Useful Life: 19.5 Years

Design Service Capacity (Project Application, Section 2.0):

Portion Repair / Replace 100 %
 Portion New / Expansion %



Chad Ingle 8/16/22

OHIO PUBLIC WORKS COMMISSION DISTRICT 4

Round 2022-2023 Supplemental Questionnaire

Applicant: _____

Project Title: _____

Application Summary:

Briefly describe the project:

Priority:

Is this application your priority project? (Circle One)	
Yes	No

Generation of Revenue:

Will new user fees or assessments be assessed as part of this project? (Circle One)	
Yes	No
What will the new user fees or assessments be used for?	

Additional Funding:

Will OPWC match, in part, a committed grant or loan? (Circle One)	
Yes	No
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	No

Readiness of Project:

Will this project be <u>substantially</u> underway on or before June 1, 2024? (Circle One)	
Yes	No

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?

Addresses District Infrastructure Needs:

Is this project located in more than one community? (Circle One)		
Yes		No
What percentage of the community will be served by this project? (Circle One)		
Less than 25%	25% to 40%	More than 40%

Economic Development

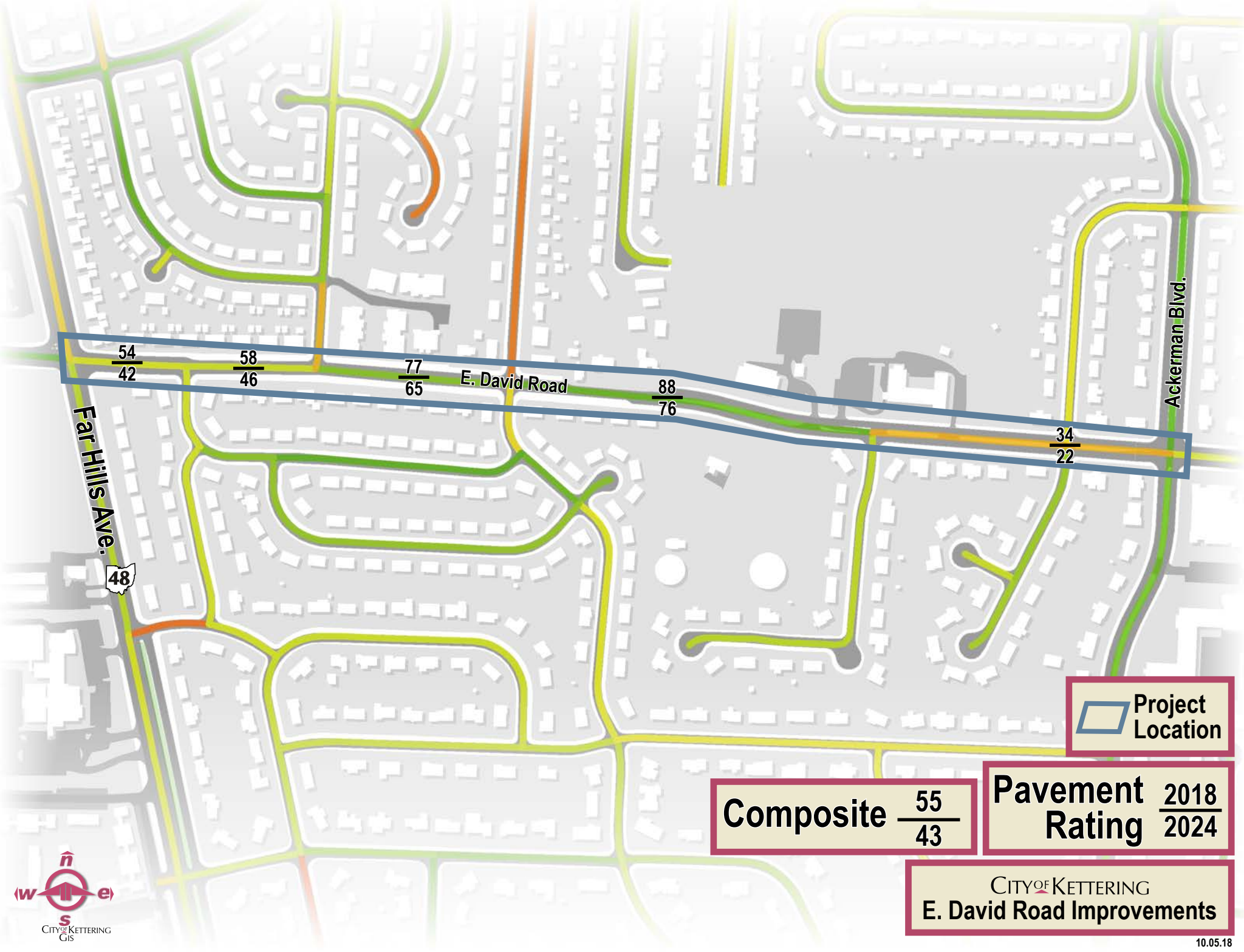
How many jobs are being created as a result of this project?	
How many jobs will be retained as a result of this project?	
Why is it necessary to fund this improvement to secure this development?	
What type of industry is proposed in this development?	

Relieve Existing Traffic Congestion:

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

Other Factors

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



$\frac{54}{42}$

$\frac{58}{46}$

$\frac{77}{65}$

E. David Road

$\frac{88}{76}$

$\frac{34}{22}$

Far Hills Ave.

48

Ackerman Blvd.

 Project Location

Composite $\frac{55}{43}$

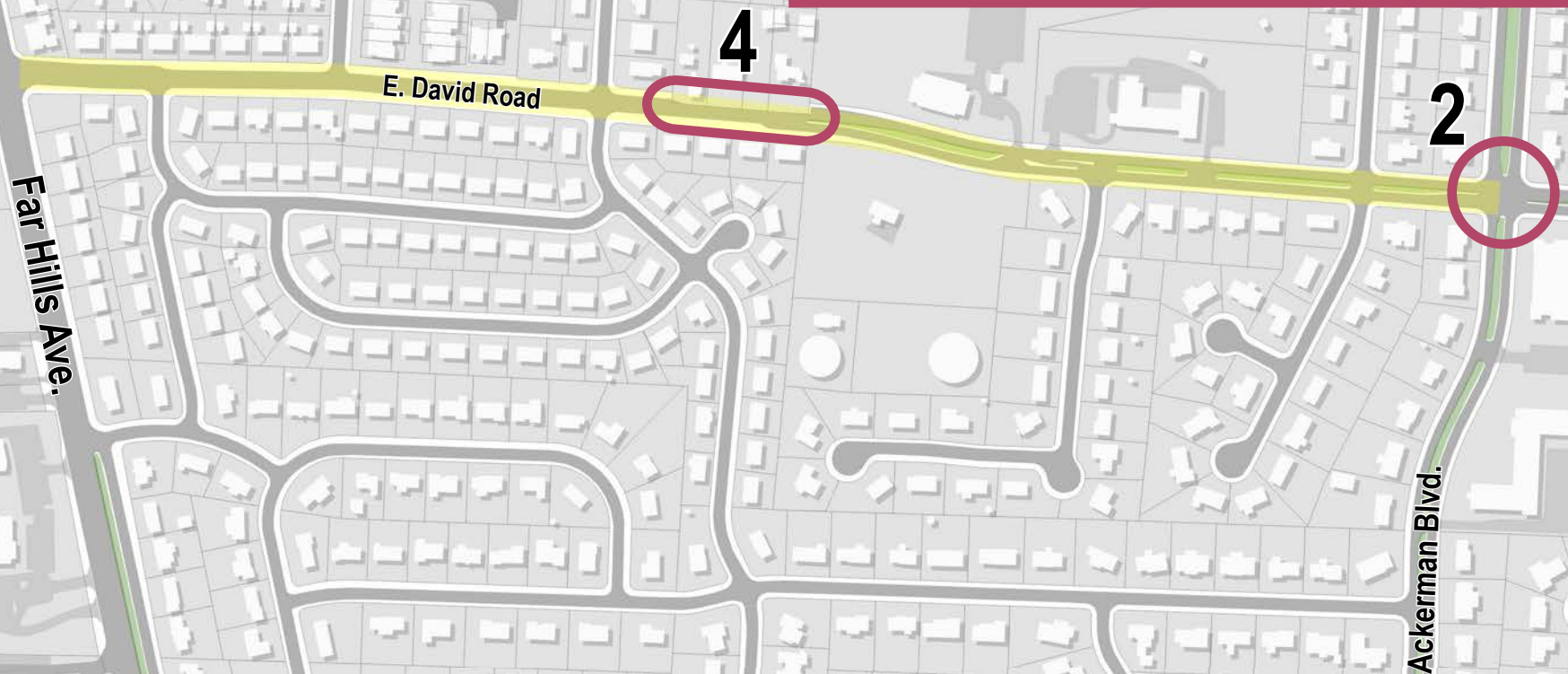
Pavement Rating $\frac{2018}{2024}$

CITY OF KETTERING
E. David Road Improvements



Map of Proposed Improvements

1. Resurfacing of the asphalt pavement (**Far Hills to Ackerman**);
2. Reconstruction of the traffic signal at the intersection of East David Road and Ackerman Boulevard;
3. Replacement of deteriorated concrete curb, medians and drive approaches, plus non-compliant curb ramps (**Far Hills to Ackerman**);
4. 310' of roadway improvement (curb, storm sewer, completing the last missing link of sidewalk, widening an eastbound section of roadway to remove a pinch point for bicyclists).



CITY OF KETTERING
E. David Road Improvements





East David Road Looking Eastbound near Henrich Drive
(deterioration of pavement, bike signage)



East David Road Looking Eastbound near Sunray Road
(deterioration of pavement and curb, Kettering Bike Route K6)



East David Road Looking Eastbound at Section of Proposed Improvement
(termination of sidewalk and improved roadway, deterioration of pavement and curb)



East David Road Looking Westbound at Section of Proposed Improvement
(termination of sidewalk and improved roadway)



East David Road Looking Eastbound at Section of Proposed Improvement
(termination of sidewalk and improved roadway)



East David Road Looking Westbound at Section of Proposed Improvement
(termination of sidewalk and improved roadway)



East David Road Looking Eastbound at Section of Proposed Improvement
(narrowed lane to be widened for street bicyclists, deterioration of pavement and inlet)



East David Road Looking Eastbound near Acreview Lane
(deterioration of pavement, curb, and median)



East David Road Looking Eastbound near Acreview Lane
(deterioration of pavement and curb)



East David Road Looking Eastbound near Acreview Lane
(deterioration of pavement and curb)



East David Road Looking Westbound near Wing View Lane
(deterioration of pavement and curb)



East David Road Looking Westbound near Wing View Lane
(deterioration of pavement and curb)

E. David Road Traffic Count - 2022

	Saturday	Sunday	Monday	Tuesday	Wednesday
ODOT Factor	1.107	1.304	0.942	0.902	0.889
Number of Vehicles	5093	4456	6187	6194	6497
ADT	5638	5811	5828	5587	5776
AADT	5 day avg				
	5728				



East David Road Looking Eastbound at Ackerman Boulevard
(deterioration of pavement and curb, proposed traffic signal replacement)



East David Road Looking Eastbound at Ackerman Boulevard
(deterioration of pavement and curb, proposed traffic signal replacement)