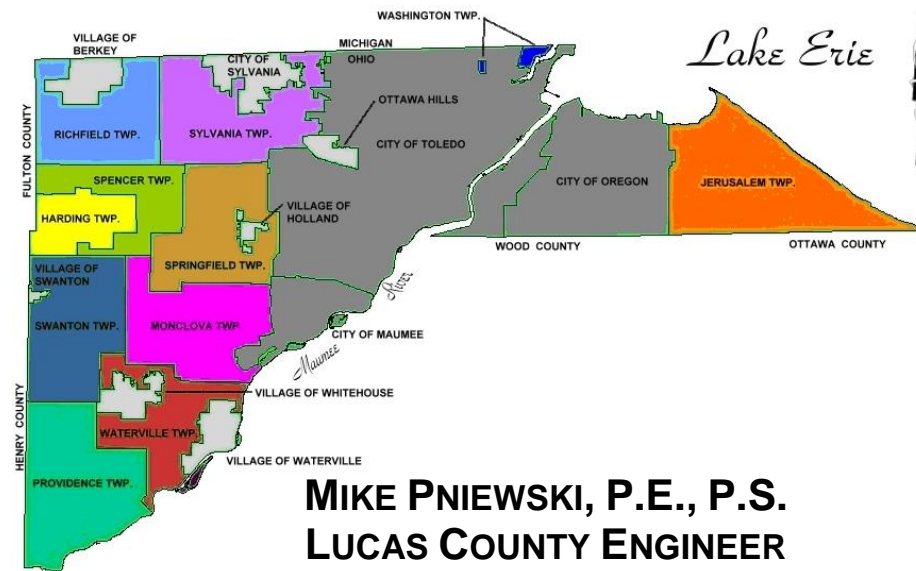


OFFICE OF THE LUCAS COUNTY ENGINEER

6-YEAR CAPITAL IMPROVEMENT PROGRAM 2021 – 2026



**MIKE PNIEWSKI, P.E., P.S.
LUCAS COUNTY ENGINEER
1049 S. McCORD ROAD
HOLLAND, OHIO 43528
(419) 213-2860**

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**LUCAS COUNTY ENGINEER
PROJECT MANAGERS
(419) 213-2860**

MDP	Mike Pniewski, P.E., P.S.	Lucas County Engineer	213-2860
MAS	Michael A. Stormer, P.E.	Chief Deputy Engineer	213-2870
JSP	Joel S. Palermo, P.E.	Construction Engineer	213-2840
BAZ	Bryan A. Zienta, P.E.	Bridge Engineer	213-2859
DJP	Douglas J. Parrish, P.E., S.I.	Engineering Project Manager	213-2856
RLM	Ronald L. Myers, P.E.	Traffic Operations Engineer	213-2854
SLR	Sarah L. Rowland, P.E.	Engineering Project Manager	213-2857
JRH	Joshua R. Hazard, E.I.	Construction Project Supervisor	213-2841
KPW	Kyle P. Warner, P.E.	Engineering Project Manager	213-2875
ATP	Alan T. Pfaff, P.E.	Engineering Project Manager	213-2831
MRM	Michael Melnyk, E.I.	Assistant Traffic Operations Engineer	213-2836
JSK	Jordan S. Kreglow, E.I.	Engineer-In-Training	213-2869
JRS	Jenna R. Stauch	Engineer Intern	213-2866

CAPITAL IMPROVEMENT PROGRAM SUMMARY (2021 – 2026)

BASED ON REVENUE PROJECTIONS AND NON-CIP EXPENDITURES

TOTAL 6-YEAR PROGRAM

Construction: \$ 49,660,000
 Other Costs: \$ 38,185,394
Total C.I.P. \$ 87,845,394
Total Budget: \$133,220,155

Percentage of Budget allocated to C.I.P. = 66%

INFRASTRUCTURE TYPE	2021	2022	2023	2024	2025	2026
Roadway	\$ 5,660,000	\$ 10,755,000	\$ 7,855,000	\$ 8,315,000	\$ 5,490,000	\$ 5,605,000
Bridges	\$ 540,000	\$ 300,000	\$ 1,125,000	\$ 1,165,000	\$ 600,000	\$ 300,000
Drainage / Culverts	\$ 350,000	\$ 300,000	\$ 350,000	\$ 300,000	\$ 350,000	\$ 300,000
TOTAL	\$ 6,550,000	\$ 11,355,000	\$ 9,330,000	\$ 9,780,000	\$ 6,440,000	\$ 6,205,000

FUNDING SOURCES FOR C.I.P.

License Plate Fees & Gas Tax	\$ 59,600,394	67.85%
OPWC	\$ 7,555,000	8.60%
Federal / O.D.O.T.	\$ 17,250,000	19.64%
Other Local Public Jurisdictions	\$ 3,440,000	3.92%
TOTAL	\$ 87,845,394	100.00%

CONSTRUCTION DOLLAR SUMMARY

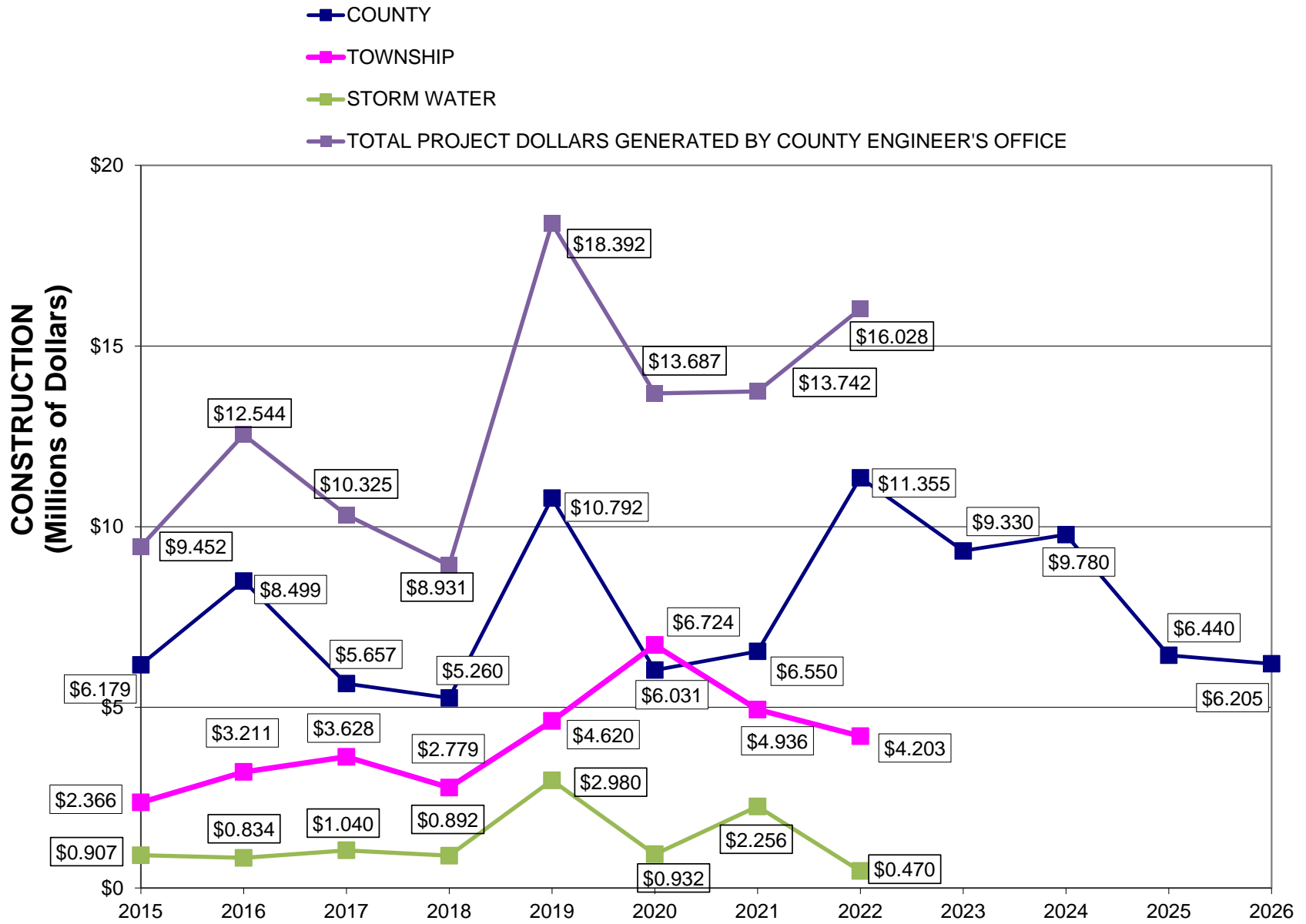
2021 Anticipated Construction \$ 6,550,000

2022 Anticipated Construction \$11,355,000

Projects under design or to be initiated in 2021 and Projects in the Capital Improvement Program under consideration for Construction in 2023 and Beyond..... \$ 31,755,000

Grand Total in Anticipated Construction Dollars \$ 49,660,000

LUCAS COUNTY ENGINEER AND TOWNSHIP PROJECTS - CONSTRUCTION \$ ONLY



PART I

COUNTY PROJECTS AWARDED IN 2020

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
Annual Crack Seal Program (LCE only) (22 miles)	JSP	02/06/20	\$ 87,125	Wolverine Sealcoating	\$ 74,400.00
Teachout Road Microsurfacing Project	JSP	02/20/20	\$ 89,083	American Pavements	\$ 75,978.84
2020 O.P.W.C. Resurfacing Project, Phase 1 (Brint, Centennial, King & Sylvania-Metamora) Joint Project with City of Sylvania (2.00 miles)	SLR	03/05/20	\$ 1,242,110	Gerken Paving, Inc.	\$ 1,088,861.45
Obee Road Seal Coat Project	JSP	03/12/20	\$ 65,577	Strawser Construction	\$ 53,953.35
2020 Annual Resurfacing Program, Phase 1 (Corduroy, Decant, N. Curtice) (2.50 miles)	JSP	03/12/20	\$ 910,730	Kokosing Construction	\$ 814,190.60
2020 O.P.W.C. Resurfacing Project, Phase 2 (Angola, Hill, Garden, Holland-Sylvania, Flanders, Laskey) (1.50 miles)	DJP	03/19/20	\$ 625,000	The Shelly Company	\$ 573,113.45
2020 Crack Sealing Program (Bid by Sylvania Township)	JSP	03/26/20	\$ 84,000	Buck Pavement Restorations	\$ 65,655.00
Annual Thin Overlay Program (Albon, Angola, Centennial, Eber, Salisbury, Summit, Weckerly) (5.55 miles)	JSP	04/09/20	\$ 927,000	Gerken Paving, Inc.	\$ 846,135.35
2020 Annual Resurfacing Project, Phase 2 (Bancroft, Dutch, Waterville-Monclova, Weckerly)	JSP	05/07/20	\$ 1,246,000	The Shelly Company	\$ 1,059,934.81

PART I

COUNTY PROJECTS AWARDED IN 2020

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
2020 Crack Sealing Program (Bid by Monclova Township)	JSP	06/19/20	\$ 56,000	American Pavements, Inc.	\$ 49,110.00
2020 Pavement Marking Program Thermoplastic Improvements	RLM	06/25/20	\$ 90,000	A & A Safety, Inc.	\$ 67,058.95
2020 Long Line Painting Program	MRM	06/25/20	\$ 139,000	Zimmerman Paint Contractors	\$ 134,780.40
Bucher Road Resurfacing Project	SLR	07/24/20	\$ 429,000	Gerken Paving, Inc.	\$ 397,957.70
Jeffers Road Reclamation Project	SLR	11/12/20	\$ 766,000	Gerken Paving, Inc.	\$ 729,537.52
TOTALS			\$ 6,756,625		\$ 6,030,667.42

PART I

CONSTRUCTION FOR 2020

Bid by Townships ~ Design & Inspection performed by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
Raab Rd, Whitehouse Spencer Rd & Meilke Rd Improvement Project (Spencer Township)	KPW/SLR	LET 2/19/2020	\$ 754,025	Gerken Paving, Inc.	\$ 685,611.57
Drennan Ditch Clearing Project (Spencer Township)	BWM	LET 2/19/2020	\$ 88,000	The Weber Company	\$ 69,161.00
2020 Sylvania Twp. Crack Sealing Program (Bid w/ LCE by Sylvania Twp) (Sylvania Township)	JSP	LET 3/26/2020	\$ 50,150	Buck Pavement Restorations	\$ 45,037.50
2020 OPWC Road Improvement Project, Phase 1 (Standing Timbers Ln, Standing Timbers Ct, Larkhaven, Cavendish, Gilhouse Rd, Fredelia Dr, Dogwood Ln) (Sylvania Township)	ATP	LET 4/30/2020	\$ 420,442	Henry W. Bergman, Inc.	\$ 355,047.10
2020 OPWC Road Improvement Project, Phase 2 (Rega Dr, Friedly Dr, Herman Pl, Holt Rd) (Sylvania Township)	ATP/SLR	LET 4/30/2020	\$ 793,987	Crestline Paving & Excavating, Inc.	\$ 774,420.16
2020 Chip Seal Project (Howard Rd, Pavilion Rd, Beachview Rd, Temple Rd, Clubhouse Blvd, Lakemore Rd, Waterway Rd, Northway Rd, Coffee Rd, Lakepark Rd, Lakeway Dr, Henry Rd) (Jerusalem Township)	SLR	LET 5/28/2020	\$ 184,763	Henry W. Bergman, Inc.	\$ 130,355.95

PART I

CONSTRUCTION FOR 2020

Bid by Townships ~ Design & Inspection performed by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
2020 Monclova Twp. Crack Sealing Program (Bid w/ LCE by Monclova) (Monclova Township)	JSP	LET 6/19/2020	\$ 49,950	American Pavements, Inc.	\$ 40,770.00
2020 Road Improvement Project (Degenfelder Rd, Hill Ave & Eber Rd) (Spencer Township)	KPW	LET 6/20/2020	\$ 312,892	The Shelly Company	\$ 310,569.71
2020 Long Line Painting Program (Bid w/ LCE) (Washington Township)	MRM	06/25/20	\$ 700	Zimmerman Paint Contractors	\$ 612.00
2020 Long Line Painting Program (Bid w/ LCE) (Sylvania Township)	MRM	06/25/20	\$ 5,000	Zimmerman Paint Contractors	\$ 4,575.00
2020 Long Line Painting Program (Bid w/ LCE) (Spencer Township)	MRM	06/25/20	\$ 2,000	Zimmerman Paint Contractors	\$ 1,846.20
2020 Long Line Painting Program (Bid w/ LCE) (Richfield Township)	MRM	06/25/20	\$ 7,000	Zimmerman Paint Contractors	\$ 6,533.40
2020 Long Line Painting Program (Bid w/ LCE) (Monclova Township)	MRM	06/25/20	\$ 19,000	Zimmerman Paint Contractors	\$ 17,782.20

PART I

CONSTRUCTION FOR 2020

Bid by Townships ~ Design & Inspection performed by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
2020 Long Line Painting Program (Bid w/ LCE) (Harding Township)	MRM	06/25/20	\$ 3,000	Zimmerman Paint Contractors	\$ 2,292.00
2020 OPWC Road Improvement Project (Spring Meadows West, Pilliod Rd, Bromford Rd, Kellerston Rd, Longport Rd, Kingston Dr, Hollis, Sherborn Dr, Sudbury Dr, Geiser Rd) (Springfield Township)	SLR	LET 7/16/2020	\$ 1,455,988	Bowers Asphalt & Paving Inc.	\$ 1,392,852.50
2020 Resurfacing Project (Wheatstone Ct, Weatherstone Ct, Chip Shot Ln, Iron Ct, Old Range Dr, Putters Place, Royal Timbers Ln, Sand Wedge Ct, Timbers Blvd, Timbers Green, Tournament Dr, Waterside Ct, Wood Dr, Crossroads Ct, Canterbury Ridge Rd, Lexington Glen Blvd, Matthew Circle, Shetland Meadow Ln) (Monclova Township)	SLR	LET 7/23/2020	\$ 1,116,850	The Shelly Company	\$ 950,753.08
Bucher Road Bid by LCE (Waterville Township)	SLR	LET 7/24/2020	\$ 436,127	Gerken Paving, Inc.	\$ 397,957.70
2020 Resurfacing Project (Artwell Rd, Hyssop Ave, Janet Ave, Calvin Ave, Estess Ave) (Sylvania Township)	ATP	LET 7/30/2020	\$ 393,096	Gerken Paving, Inc.	\$ 360,432.42

PART I

CONSTRUCTION FOR 2020

Bid by Townships ~ Design & Inspection performed by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
Drennan Ditch Drainage Bid by LCE, SWU & Grant will cover remaining (Spencer Township)	KWP	LET 4/13/2020	\$ 462,537	The Weber Company	\$ 120,000.00
Kilburn Road Phase 2 Resurfacing & Shoulder Improvement, PID #109391 (Sylvania Ave to Brint Road) Bid by LCE (Richfield Township)	RLM/KPW	LET 12/10/2020	\$ 1,171,464	Geddis Paving & Excavating, Inc.	\$ 1,056,990.50
TOTALS			\$ 7,690,271		\$ 6,723,599.99

PART II

CONSTRUCTION FOR 2021

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRET ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
Annual Thin Overlay Program (Bancroft, Brown, Centennial, King, Old State Line, Providence Neapolis Swanton, Yondota) (6.84 miles)	JSP	1 st Quarter	\$ 780,000		
Annual Drainage/Culvert Program	BAZ	2nd Quarter	\$ 350,000		
Annual Crack Seal Program	JSP	1st Quarter	\$ 240,000		
Annual Traffic Safety Program	RLM	1st Quarter	\$ 300,000		
Annual Guardrail Program	JRS	1st Quarter	\$ 100,000		
Annual Raised Pavement Marker Program	JRS	4th Quarter	\$ 25,000		
Annual Bridge Repair Program (Sylvania Metamora Bridge #6 overlay)	BAZ	1st Quarter	\$ 140,000		
Lathrop Road Bridge #318 replacement	BAZ	2nd Quarter	\$ 400,000		
2021 Annual Resurfacing (Bancroft, Brint, Mitchaw, Centennial, Crissey, Providence Neapolis Swanton, Whiteford) (5.72 miles)	JSP	1 st Quarter	\$ 2,000,000		

PART II

CONSTRUCTION FOR 2021

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRET ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
2021 Lucas Co. OPWC Resurfacing Phase 2 (Hill, King, Dutch) (1.88 miles)	SLR	1 st Quarter	\$ 900,000		
King Road & Stickney Ave. Resurfacing, PID 111371 (King Road – Central to King’s Pointe Stickney – CSX RR to Benore)	SLR	1 st Quarter	\$ 975,000		
Central Avenue right turn lanes, PID 111416 (Northbound right turn lane on Centennial Road at Central Ave & northbound right turn lane on King Road at Central Ave.)	RLM	1 st Quarter	\$ 340,000		
TOTALS			\$ 6,550,000		

PART II

CONSTRUCTION FOR 2021

TO BE BID BY TOWNSHIPS ~ DESIGN & INSPECTION PERFORMED BY COUNTY ENGINEER

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
2021 OPWC Road Improvement Project (Salisbury Road and Lincoln Green Subdivision (Plat 1 &3)) (Springfield Township)	SLR	1Q 2021	\$ 840,000		
2021 OPWC Road Improvement Project (Corey Road and Springbrook Drive) (Sylvania Township)	ATP	1Q 2021	\$ 724,000		
2021 Resurfacing Project (Coder Rd & Olde Farm Subdivision (Plat 1-6)) (Monclova Township)	SLR	1Q 2021	\$ 1,122,000		
2021 Monclova Twp. Crack Sealing Program (Bid w/ LCE by Monclova Twp) (Monclova Township)	JSP	2Q 2021	\$ 50,000		
Raab Road (Harding Township)	ATP	2Q 2021	\$ 278,000		
2021 Resurfacing Project (Deer Point Subdivision (Plat 1-3), Forest Lawn, Wind River Dr, Dovewood Ln, Wimbleton Park Blvd, Britania Ct, Farmington, Northbrook, Sturbridge, Cross Fields, Fox Hill Ln) (Sylvania Township)	ATP	2Q 2021	\$ 800,000		

PART II

CONSTRUCTION FOR 2021

TO BE BID BY TOWNSHIPS ~ DESIGN & INSPECTION PERFORMED BY COUNTY ENGINEER

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
2021 Chip Seal Project (Jerusalem Township)	ATP	2Q 2021	\$ 70,000		
Kilburn Road Phase 3 Resurfacing & Shoulder Improvement, PID #109392 (Brint Road to Sylvania-Metamora) To be bid by LCE (Richfield Township)	RLM/KPW	4Q 2021	\$ 1,052,000		
		TOTALS	\$ 4,936,000		

PART III

FORECAST FOR 2022

LET BY COUNTY ENGINEER

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE
Annual Thin Overlay Program (Crissey, Dutch, Hill, King, Nebraska, Old State Line, Sylvania) (5.08 miles)	JSP	1 st Quarter	\$ 720,000
Annual Drainage/Culvert Program	BAZ	1 st Quarter	\$ 300,000
Annual Crack Seal Program	JSP	1 st Quarter	\$ 230,000
Annual Traffic Safety Program	RLM	1 st Quarter	\$ 300,000
Annual Guardrail Program	JRS	1 st Quarter	\$ 50,000
Annual Raised Pavement Marker Program	JRS	4 th Quarter	\$ 25,000
Annual Bridge Repair Program (Centennial Road Bridge #3085 beam painting, and various other bridge repairs)	BAZ	1 st Quarter	\$ 300,000
2022 Lucas Co. OPWC Resurfacing Phase 1 (Centennial, Sylvania, Angola, Herr) (4.12 miles)	SLR	1 st Quarter	\$ 1,600,000
2022 Lucas Co. OPWC Resurfacing Phase 2 (Crissey, Garden, Holloway) (2.21 miles)	SLR	1 st Quarter	\$ 1,300,000

PART III

FORECAST FOR 2022

LET BY COUNTY ENGINEER

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE
2022 Lucas Co. OPWC Resurfacing Phase 3 (Weckerly, River) (2.92 miles)	JRS	1 st Quarter	\$ 1,200,000
Monclova Road at Weckerly Road Roundabout, PID 107168 (0.22 miles)	KPW	1 st Quarter	\$ 680,000
State Route 295 at Neapolis Waterville Road Roundabout, PID 109640 (0.40 miles)	DJP	1 st Quarter	\$ 900,000
Brint Road at Kilburn Road Roundabout, PID 109794 (0.22 miles)	KPW	1 st Quarter	\$ 800,000
Holland Sylvania Road Resurfacing, PID 111203 (Perrysburg Holland Road to Merger Drive) (1.41 miles)	DJP	1 st Quarter	\$ 1,100,000
Angola Road at King Road Roundabout, PID 110330	DJP	1 st Quarter	\$ 1,850,000
TOTAL			\$ 11,355,000

PART III

FORECAST FOR 2022

TO BE BID BY TOWNSHIPS ~ DESIGN & INSPECTION PERFORMED BY COUNTY ENGINEER

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE
2022 OPWC Road Improvement Project (Carmella Gardens (Plat 2), Pilliod Rd & Heather Glen Subdivision (Plat 1,2,6)) <div style="text-align: right;">(Springfield Township)</div>	SLR	1Q2022	\$ 662,000
2022 OPWC Road Improvement Project (Flanders Rd, Summerfield Rd, Cherrington Rd, Covert Rd, Merce Plat (1&2), Ridgemere Subdivision, Indian Ridge Subdivision, & Robinson Place Subdivision) <div style="text-align: right;">(Sylvania Township)</div>	ATP	1Q2021	\$ 743,000
2022 Resurfacing Project (Keener Rd, Crimson Hollow Subdivision (Plat 1-4) and Clearwater Subdivision (Plat 1-2)) <div style="text-align: right;">(Monclova Township)</div>	SLR	1Q2022	\$ 1,498,000
Shaffer Road Road <div style="text-align: right;">(Harding Township)</div>	ATP	1Q2022	\$ 213,000
2022 Resurfacing Project (Oak Park, Valley Park, Gradwohl, Shetland, Heysler, Woodstream West) <div style="text-align: right;">(Sylvania Township)</div>	ATP	1Q2022	TBD
Holloway Rd & Salisbury Rd Roundabout To be bid by LCE <div style="text-align: right;">(Monclova Township)</div>	KPW	1Q2024	\$ 1,087,000
TOTAL			\$ 4,203,000

PART IV

CONSTRUCTION FORECAST FOR 2023

Let by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE
Annual Thin Overlay Program (Dorr, Flanders, Garden, Heller, Hite, Neapolis Waterville) (6.22 miles)	JSP	1 st Quarter	\$ 820,000
Annual Drainage/Culvert Program	BAZ	1 st Quarter	\$ 350,000
Annual Crack Seal Program	JSP	1 st Quarter	\$ 250,000
Annual Traffic Safety Program	RLM	1 st Quarter	\$ 300,000
Annual Guardrail Program	JRS	1 st Quarter	\$ 50,000
Annual Raised Pavement Marker Program	JRS	1 st Quarter	\$ 25,000
Annual Bridge Repair Program (Perrysburg Holland #584 wearing surface, Garden Road #2448 painting and beam repair)	BAZ	1 st Quarter	\$ 225,000
2023 Lucas Co. OPWC Resurfacing Phase 1 (Dutch, Brint, Mitchaw, Eber) (3.78 miles)	SLR	1 st Quarter	\$ 1,700,000
2023 Lucas Co. OPWC Resurfacing Phase 2 (Stitt & Neapolis Waterville) (3.69 miles)	ATP	1 st Quarter	\$ 1,400,000

PART IV

CONSTRUCTION FORECAST FOR 2023

Let by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE
2023 Lucas Co. OPWC Resurfacing Phase 3 (Sylvania, Dorr, Holland Sylvania) (2.13 miles)	JRS	1 st Quarter	\$ 1,500,000
Jeffers Road Bridge # 860 Replacement	BAZ	1 st Quarter	\$ 400,000
Sylvania Ave at Kilburn Road Roundabout, PID 111414 (0.22 miles)	KPW	1 st Quarter	\$ 1,000,000
Perrysburg Holland Bridge #616 Replacement, PID 112146	BAZ	1 st Quarter	\$ 500,000
Brint Road at Centennial Road Roundabout, PID 110345	KPW	1 st Quarter	\$ 810,000
TOTAL			\$ 9,330,000

PART IV

CONSTRUCTION FORECAST FOR 2024

LET BY COUNTY ENGINEER

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE
Annual Thin Overlay Program (6 miles)	JSP	1 st Quarter	\$ 675,000
Annual Drainage/Culvert Program	BAZ	1 st Quarter	\$ 300,000
Annual Crack Seal Program	JSP	1 st Quarter	\$ 255,000
Annual Traffic Safety Program	RLM	1 st Quarter	\$ 300,000
Annual Guardrail Program	JRS	1 st Quarter	\$ 50,000
Annual Raised Pavement Marker Program	JRS	1 st Quarter	\$ 25,000
Annual Resurfacing Program	JSP	1 st Quarter	\$ 2,500,000
Monclova Road Bridge #716 Replacement	BAZ	1 st Quarter	\$ 400,000
Bancroft Street and McCord Roundabout, PID 113741 (0.90 miles)	MAS	1 st Quarter	\$ 2,900,000

PART IV

CONSTRUCTION FORECAST FOR 2024

Let by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE
Hill Ave at Centennial Road Roundabout, PID 110346 (0.22 miles)	JRS	1 st Quarter	\$ 830,000
Garden Road at Albon Road Roundabout, PID 110362 (0.22 miles)	JSK	1 st Quarter	\$ 780,000
Corduroy Road Bridge #1437 Replacement, PID 108877	BAZ	1 st Quarter	\$ 765,000
TOTAL			\$ 9,780,000

PART IV

CONSTRUCTION FORECAST FOR 2025

Let by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE
Annual Thin Overlay Program (9 miles)	JSP	1 st Quarter	\$ 1,200,000
Annual Drainage/Culvert Program	BAZ	1 st Quarter	\$ 350,000
Annual Crack Seal Program	JSP	1 st Quarter	\$ 265,000
Annual Traffic Safety Program	RLM	1 st Quarter	\$ 300,000
Annual Guardrail Program	JRS	1 st Quarter	\$ 50,000
Annual Raised Pavement Marker Program	JRS	1 st Quarter	\$ 25,000
Annual Resurfacing Program	JSP	1 st Quarter	\$ 2,500,000
Annual Bridge Repair Program	BAZ	1 st Quarter	\$ 300,000
Nebraska Road Bridge #527 Replacement	BAZ	1 st Quarter	\$ 300,000
Summit Road at Shoreland Drive Roundabout, PID 111415 (0.22 miles)	KPW	1 st Quarter	\$ 1,150,000
Total			\$ 6,440,000

PART IV

CONSTRUCTION FORECAST FOR 2026

Let by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE
Annual Thin Overlay Program (7 miles)	JSP	1 st Quarter	\$ 900,000
Annual Drainage/Culvert Program	BAZ	1 st Quarter	\$ 300,000
Annual Crack Seal Program	JSP	1 st Quarter	\$ 270,000
Annual Traffic Safety Program	RLM	1 st Quarter	\$ 300,000
Annual Guardrail Program	JRS	1 st Quarter	\$ 50,000
Annual Raised Pavement Marker Program	JRS	1 st Quarter	\$ 25,000
Annual Resurfacing Program	JSP	1 st Quarter	\$ 2,500,000
Annual Bridge Repair Program	BAZ	1 st Quarter	\$ 300,000
Frankfort Road at Crissey Road Roundabout (PID TBD)	TBD	1 st Quarter	\$ 770,000
Monclova Road at Wilkins Road Roundabout (PID TBD)	TBD	1 st Quarter	\$ 790,000
Total			\$ 6,205,000

PART V

STORM WATER UTILITY

In 2004 Lucas County was named as a Phase II community small Ms4 by the Ohio EPA. Also the Townships of Jerusalem, Monclova, Spencer, Springfield, Sylvania, Washington, and Waterville were named as small Ms4s. To meet the requirements of the *Clean Water Act* (CWA) the communities formed a storm water coalition. The coalition funded a T.M.A.C.O.G. program that helped meet some of the CWA requirements. The Lucas County Engineer's Office (LCE) was using staff time and resources to try and meet the minimum requirements of the permit. As time went on the Engineer's Office was putting more time and resources to meet the permit requirements and falling behind on their own road drainage projects. The Board of Lucas County Commissioners decided to form a committee to decide if a Storm Water Utility (SWU) should be formed to address the requirements of the CWA. The committee decided this was the best option and should also have a component to do drainage improvements to keep cost down. The intent is to use half the money to meet CWA requirements and the other half to do drainage improvements with water quality in mind.

Monies were collected in summer of 2012 for the SWU and projects began 2013. Listed are the 2020 completed projects along with forecasted projects for 2021 and 2022.

PART V

STORM WATER UTILITY

CONSTRUCTION FOR 2020

Let by County/Townships ~ Design & Inspection performed by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
Drennan Ditch; Two-Stage (Spencer Township)	KPW	2020	\$ 465,000	The Weber Company	\$ 429,674.00
Wallace Road Ditch Cleaning (Jerusalem Township)	BWM	2020	-	Lake Erie Tree Service	\$ 4,500.00
Fuel for Pumping Cedar Point Road and Catch Basin Installation (Jerusalem Township)	-	2020	-	Jerusalem Twp. Forces	\$ 8,214.00
Bono Road Pumping (Jerusalem Township)	-	2020	-	John Gradel & Sons	\$ 270.00
Brown Road Crossover-Check Valve (Jerusalem Township)	-	2020	-	Geo. Gradel Co.	\$ 6,500.00
Reno Beach; Storm Line Camera Work (Jerusalem Township)	-	2020	-	Yackee Electric Service	\$ 480.00

PART V

STORM WATER UTILITY

CONSTRUCTION FOR 2020

Let by County ~ Design & Inspection performed by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
Swan Creek Log Jam Removal (Monclova Township)	BWM	2020	-	The Weber Company	\$ 2,700.00
Street Sweeping, Various Drainage Repairs, Drainage Improvements on Butler Ditch and Sherborn & Sudbury (Springfield Township)	-	2020	-	Springfield Twp. Forces	\$ 37,194.00
Newton Ditch Drainage Improvement (Springfield Township)	BWM	2020	-	G6 Infrastructure	\$ 12,983.00
Sherborn & Sudbury Drainage Improvement (bid w/ 2020 Springfield Twp OPWC project) (Springfield Township)	SLR	2020	\$ 46,687	Bowers Asphalt and Paving, Inc.	\$ 28,010.00
J. Cunningham Ditch Improvement (Sylvania Township)	BWM	2020	\$ 224,707	Kyle Sherman Excavating	\$ 162,042.00
Friedly, Rega, Herman & Holt Drainage (Sylvania Township)	SLR/ATP	2020	\$ 200,000	Crestline Paving & Excavating	\$ 200,000.00
Merriweather Storm Sewer Extension, Tenmile Creek Log Jam Removal, Indian Ridge Storm Sewer Replacement (Sylvania Township)	BWM	2020	-	Sylvania Twp. Forces	\$ 39,475.00
TOTALS			\$ 424,707		\$ 932,042.00

PART V

STORM WATER UTILITY

CONSTRUCTION FOR 2021

Let by County/Townships ~ Design & Inspection performed by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE
Heldman Ditch; Two Stage (Springfield Township)	KPW	2021	\$ 681,000 (grant + match)
Stone Oak Drainage Survey (Springfield Township)	KPW	2021	\$ 42,000
Van Fleet Ditch; Two-Stage – Ph. 1 & 2 (Monclova Township)	KPW	2021	\$ 1,063,000 (grant + match)
2021 Jerusalem Township Drainage	KPW	2021	\$ 50,000
2021 Monclova Township Drainage	KPW	2021	\$ 90,000
2021 Spencer Township Drainage	KPW	2021	\$ 50,000
2021 Springfield Township Drainage	KPW	2021	\$ 90,000
2021 Sylvania Township Drainage	KPW	2021	\$ 90,000

PART V
STORM WATER UTILITY
CONSTRUCTION FOR 2021

Let by County/Townships ~ Design & Inspection performed by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE
2021 Washington Township Drainage	KPW	2021	\$ 50,000
2021 Waterville Township Drainage	KPW	2021	\$ 50,000
TOTAL			\$ 2,256,000

PART V

STORM WATER UTILITY

CONSTRUCTION FOR 2022

Let by County/Townships ~ Design & Inspection performed by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE
2022 Jerusalem Township Drainage	KPW	2022	\$ 50,000
2022 Monclova Township Drainage	KPW	2022	\$ 90,000
2022 Spencer Township Drainage	KPW	2022	\$ 50,000
2022 Springfield Township Drainage	KPW	2022	\$ 90,000
2022 Sylvania Township Drainage	KPW	2022	\$ 90,000
2022 Washington Township Drainage	KPW	2022	\$ 50,000
2022 Waterville Township Drainage	KPW	2022	\$ 50,000
TOTAL			\$ 470,000

PART VI

LUCAS COUNTY TRANSPORTATION IMPROVEMENT DISTRICT (LCTID)

As a result of an Ohio Department of Transportation request to local stakeholders on March 6th of 2014 for a local sponsor to advance potential interchanges along the I-475 corridor, and the input by these local stakeholders at meetings which followed this request, the Lucas County Engineer advanced the formation of a Transportation Improvement District (TID).

On April 22, 2014, the Lucas County Board of County Commissioners created the LCTID. Subsequently, on May 28, 2014, the Ohio Department of Transportation (ODOT) approved the TID registration. A TID is authorized under the *Ohio Revised Code* Chapter 5540 to finance, construct, maintain, repair, and operate street, highway, and other transportation projects, and in relation construct, alter, and repair roads, highways, and other related infrastructure and facilities. The TID enables various political subdivisions to participate and take advantage of the opportunities and benefits made available only through a TID. A TID is particularly effective on regional or multi-jurisdictional projects to deliver these projects in an efficient and cost-effective manner. Generally these improvements are driven by an economic development component.

LCTID Board members and contact information, meeting minutes, and project listings can be found via a link on the Lucas County Engineers website.

Current projects include the US 20A at I-475 and Dorr Street at I-475 interchanges, and various other economic development projects with the City of Toledo.

- For the US 20A at I-475 location in 2019, TRAC approved FY 2022 construction funding for the interchange with the reconstruction of the existing I-475 lanes and the widening of I-475 to 3 lanes in each direction from US 24 to just south of Airport Highway (the south limit of the I-475 and Dorr Street Interchange Project now under construction). Construction is estimated at \$77 million for the I-475 work and \$30 million for the interchange work. Final plan revisions for PS&E submittal are

PART VI

LUCAS COUNTY TRANSPORTATION IMPROVEMENT DISTRICT (LCTID)

complete by the consulting team led by Arcadis. Also, utility relocation plans are underway and the right of way acquisition should be cleared by August of 2021. The LCTID is working with its local project funding partners (City of Maumee, Monclova Township, the Toledo-Lucas County Port Authority and Lucas County) to finalize the delivery of the local share commitment. An October of 2022 sale date is anticipated.

- For the Dorr Street location, construction is underway. Bids were opened October 10, 2019 and the award went to Miller Bros. Construction, Inc. of Archbold Ohio with a bid of \$45,261,787.42 for the combined I-475 widening and resurfacing including the bridge replacements at Dorr Street and Hill Avenue overpasses (\$25,079,905.85), the interchange work (\$17,387,230.89) and the Dorr Street and McCord Road intersection work (\$2,794,650.68). Construction is underway and the interchange is scheduled to be operational in August 2021.
- The TID is working with the City of Toledo to support infrastructure improvements for key infrastructure rehabilitation and improvement for key economic development projects located within the City of Toledo.