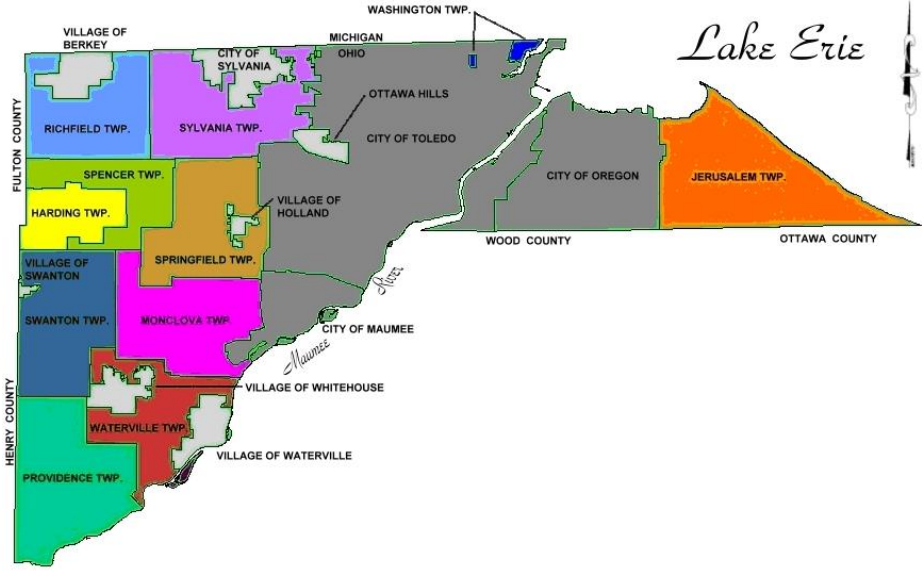


OFFICE OF THE LUCAS COUNTY ENGINEER

6-YEAR CAPITAL IMPROVEMENT PROGRAM 2020 – 2025



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

January 2020

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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
BWM	Brian W. Miller, P.E.	Drainage Engineer – Dept. Head	213-2830
JSP	Joel S. Palermo, P.E.	Construction Engineer – Dept. Head	213-2840
PMO	Patrick M. O’Boyle, P.E.	Culvert Design Engineer (Part-Time)	213-2855
BAZ	Bryan A. Zienta, P.E.	Bridge Engineer	213-2859
DJP	Douglas J. Parrish, P.E., S.I.	Planning/Design Engineer	213-2856
RLM	Ronald L. Myers, P.E.	Traffic Operations Engineer	213-2854
SLR	Sarah L. Rowland, P.E.	Roadway/Township Design Engineer	213-2857
JRH	Joshua R. Hazard, E.I.	Construction Project Supervisor	213-2841
KPW	Kyle P. Warner, P.E.	Traffic/Design Engineer	213-2875
ATP	Alan T. Pfaff, E.I.	Engineer Intern	213-2831
MRM	Michael Melnyk	Assistant Traffic Operations Engineer	213-2836
JSK	Jordan S. Kreglow	Engineer Intern	213-2869

CAPITAL IMPROVEMENT PROGRAM SUMMARY (2020 – 2025)

BASED ON REVENUE PROJECTIONS AND NON-CIP EXPENDITURES

TOTAL 6-YEAR PROGRAM

Construction: \$ 54,739,200
 Other Costs: \$ 33,784,477
Total C.I.P. \$ 88,523,677
Total Budget: \$ 132,140,082

Percentage of Budget allocated to C.I.P. = 67%

INFRASTRUCTURE TYPE	2020	2021	2022	2023	2024	2025
Roadway	\$ 5,831,200	\$ 6,560,000	\$12,648,000	\$ 6,228,000	\$ 9,882,000	\$ 7,855,000
Bridges	\$ 435,000	\$ 650,000	\$ 700,000	\$ 625,000	\$ 1,075,000	\$ 300,000
Drainage / Culverts	\$ 300,000	\$ 350,000	\$ 300,000	\$ 350,000	\$ 300,000	\$ 350,000
TOTAL	\$ 6,566,200	\$ 7,560,000	\$13,648,000	\$ 7,203,000	\$11,257,000	\$ 8,505,000

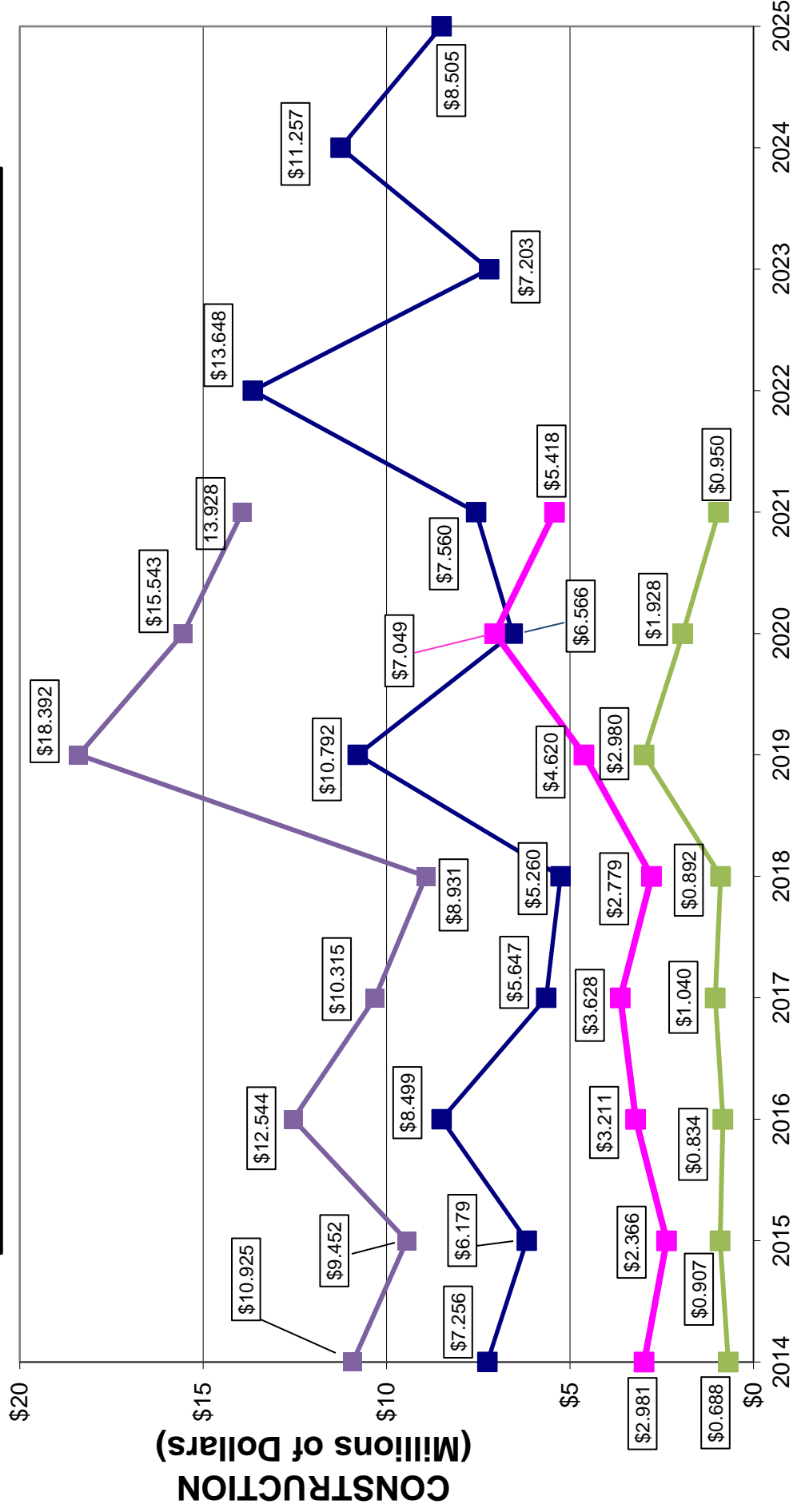
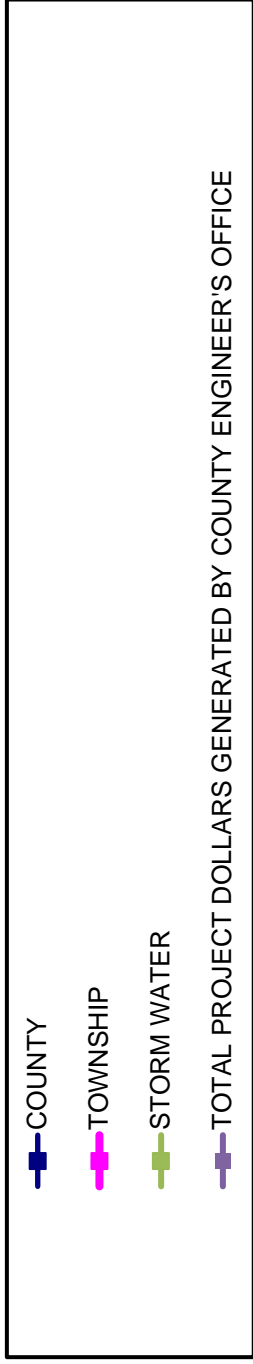
FUNDING SOURCES FOR C.I.P.

License Plate Fees & Gas Tax	\$ 60,676,677	68.54%
OPWC	\$ 9,410,000	10.63%
Federal / O.D.O.T.	\$ 13,537,000	15.29%
Other Local Public Jurisdictions	\$ 4,900,000	5.54%
TOTAL	\$ 88,523,677	100.00%

CONSTRUCTION DOLLAR SUMMARY

2020 Anticipated Construction.....	\$ 6,566,200
2021 Anticipated Construction.....	\$ 7,560,000
Projects under design or to be initiated in 2020 and Projects in the Capital Improvement Program under consideration for Construction in 2022 and Beyond.....	\$ 40,613,000
Grand Total in Anticipated Construction Dollars.....	\$ 54,739,200

LUCAS COUNTY ENGINEER AND TOWNSHIP PROJECTS - CONSTRUCTION \$ ONLY



PART I

COUNTY PROJECTS AWARDED IN 2019

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
Sylvania Avenue Resurfacing (1.87 miles)	SLR	02/06/19	\$ 2,220,000	Crestline Paving & Excavating Co., Inc.	\$ 2,133,967.85
Annual Crack Seal Program (LCE Only) (21.00 miles)	JSP	04/11/19	\$ 273,000	S.A. Sidle Construction, Inc.	\$ 254,100.00
Annual Microsurfacing Program (1.01 Miles)	JSP	04/11/19	\$ 74,200	Strawser Construction, Inc.	\$ 71,697.30
2019 Pavement Marking Program	RLM	05/02/19	\$ 77,964	Zimmerman Paint Contractors	\$ 66,085.50
2019 Annual Resurfacing Program (Bancroft Street & Old Airport Highway) (1.40 miles)	JSP	05/09/19	\$ 404,000	Gerken Paving, Inc.	\$ 440,830.51
2019 OPWC Resurfacing Project (Shaffer Road, Stitt Road & Weckerly Road)	JLM	05/09/19	\$ 2,446,000	Gerken Paving, Inc.	\$ 1,188,660.05
Providence-Neapolis-Swanton Road Bridge #975, PID #107169	BAZ	05/16/19	\$ 428,437	Miller Bros. Construction	\$ 464,315.61
Annual Thin Overlay Program (3.90 miles)	JSP	05/16/19	\$ 491,000	The Shelly Company	\$ 532,454.50
Providence-Neapolis-Swanton Road Seal Coat Project	JRH	05/16/19	\$ 97,748	Strawser Construction, Inc.	\$ 98,478.00

PART I

COUNTY PROJECTS AWARDED IN 2019

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
North Curtice Road Resurfacing Project	JML	06/06/19	\$ 959,348	Gerken Paving, Inc.	\$ 861,920.20
McCord Road Resurfacing Project, PID #104300	SLR	06/20/19	\$ 386,748	Gerken Paving, Inc.	\$ 369,984.00
Garden Road Bridge #283 Replacement Project	BAZ	06/27/19	\$ 266,000	Crestline Paving & Excavating, Inc.	\$ 242,584.50
Perrysburg-Holland Road & PNS Road O.P.W.C. Resurfacing Project	JSP	06/27/19	\$ 944,000	The Shelly Company	\$ 864,647.30
Annual Bridge Repair Program (Manore Road Bridge #981)	BAZ	07/11/19	\$ 117,000	Vernon Nagel, Inc.	\$ 116,186.43
Whiteford Road Resurfacing Project	JML	07/18/19	\$ 213,400	Gerken Paving, Inc.	\$ 228,136.20
2019 Thermoplastic Improvements	RLM	07/25/19	\$ 66,100	Zimmerman Paing Contractors Co.	\$ 71,012.00
Holland-Sylvania Road Resurfacing Project	DJP	07/25/19	\$ 1,665,330	Gerken Paving, Inc.	\$ 1,806,221.40
Jeffers Road Culvert No. 881	POB	07/25/19	\$ 50,578	Geddis Paving & Excavating, Inc.	\$ 52,200.18
S. River Road Drainage Improvement	BWM	12/05/19	\$ 238,192	TAP Construction	\$ 191,365.00

PART I

COUNTY PROJECTS AWARDED IN 2019

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
Albon Road & Salisbury Road Roundabout Project, PID #106717	KPW	12/12/19	\$ 769,673	Vernon Nagel, Inc.	\$ 737,339.56
TOTALS			\$ 12,188,718		\$10,792,186.09

PART I

CONSTRUCTION FOR 2019

Bid by Townships ~ Design & Inspection performed by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
Annual Crack Seal Project Bid w/ LCE (Monclova Township)	JSP	04/11/19	\$ 58,300	S.A. Sidle Construction	\$ 55,600.00
Bono Road Chip Seal Project Bid by LCE (Jerusalem Township & ODNR ~ \$192,010)	SLR	04/11/19	\$ 39,960	Henry W. Bergman, Inc.	\$ 38,118.00 (ODNR ~ \$175,937)
2019 Chip Seal Project First Street, Second Street, Grant, Greenwood Avenue, Platt, Reynolds, Stange, Walter Avenue, Water, Bayfield, Donovan, Standart, Yoder and Turmau (Jerusalem Township)	SLR	04/15/19	\$ 115,734	Henry W. Bergman, Inc.	\$ 92,176.00
Shaffer Road Resurfacing Project Bid w/ LCE (Harding Township)	JML	05/09/19	\$ 118,361	Gerken Paving, Inc.	\$ 106,998.38
2019 OPWC Road Improvement Project Lincoln Green Subdivision: Cheswick Ct., Cheswick Rd., Danesmoor Ct., Danesmoor Rd., Dorcas Rd., Harefoote St., Lincoln Green Rd. & Shrewsbury Dr. (Springfield Township)	SLR	05/14/19	\$ 559,368	Cash Services, LLC	\$ 510,743.00
2019 OPWC Road Improvement Project Wolfinger Rd., Regents Park Blvd., Manoa Ln., McKivett Ln., Stonebridge Ln., Ronaldo Rd., & St. Charles Rd. (Sylvania Township)	SLR	06/25/19	\$ 1,226,286	Bowers Asphalt & Paving	\$ 1,121,918.00

PART I

CONSTRUCTION FOR 2019

Bid by Townships ~ Design & Inspection performed by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
Jeffers Road Culvert #476 (Swanton Township)	PMO	06/27/19	\$ 67,767	E.R. Zieler Excavating, Inc.	\$ 62,237.80
2019 Resurfacing Project Stonewater, Hunter Chase, Lock Mill, Pebble Ct., Wood Creek, Bridge Way, Coach House, Cottage Gate, English Garden, N. Bridge Way, S. Bridge Way, & Lose Rd. (Monclova Township)	SLR	08/01/19	\$ 1,134,058	Bowers Asphalt & Paving	\$ 1,029,054.87
2019 Resurfacing Project Stoneybrook Village Plats 1 & 3; Stoneybrook Blvd., Sycamore Trail, Timber View Ct., Poplar Ct.; Kings Hollow Plats 1 & 2; Goodhue Dr., Zone Ave., Millicent Ave., & Cason Ave. (Sylvania Township)	SLR	08/01/19	\$ 596,097	Bowers Asphalt & Paving	\$ 554,123.60
Lincoln Green Curb Ramp Upgrades (Springfield Township)	SLR	08/29/19	\$ 66,503	D.L. Smith Concrete, LLC	\$ 54,305.20
Kilburn Road Phase 1 Resurfacing & Shoulder Improvement, PID #98999 (Richfield Township)	KPW	12/05/19	\$ 1,198,001	Vernon Nagel, Inc.	\$ 994,319.09
Raab Road, Whitehouse-Spencer Road & Meilke Road Improvement Project (Spencer Township)	SLR	3Q19	\$ 791,000		
Drennen Ditch Cleanup (Spencer Township)	BWM	3Q19	\$ 130,000		
TOTALS			\$ 6,101,435.00		\$ 4,525,875.94

PART II

CONSTRUCTION FOR 2020

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
Annual Crack Seal Program (LCE Only) (28.14 miles)	JSP	1 st Quarter	\$ 244,000		
2020 OPWC Resurfacing Project I Brint Road, Centennial Road, King Road & Sylvania-Metamora Road (1.98 miles)	SLR	1 st Quarter	\$ 1,052,000		
Annual Traffic Safety Program	RLM	1 st Quarter	\$ 235,000		
Annual Thin Overlay Program Albon Road, Angola Road, Centennial Road, Eber Road, Salisbury Road, Summit Street & Weckerly Road (5.07 miles)	JSP	1 st Quarter	\$ 724,000		
Annual Microsurfacing Program Obee Road & Providence-Neapolis-Swanton Road (1.50 miles)	JSP	1 st Quarter	\$ 87,000		
Annual Slurry Seal Program Teachout Road (1.51 miles)	JSP	1 st Quarter	\$ 93,000		
Jeffers Road Reclamation and Overlay Project (1.44 miles)	SLR	2 nd Quarter	\$ 500,000		

PART II

CONSTRUCTION FOR 2020

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
Annual Drainage/Culvert Program	BWM/BAZ	2nd Quarter	\$ 300,000		
Annual Bridge Repair Program Yondota Road Bridge #1471 Guardrail	BAZ	2nd Quarter	\$ 60,000		
Lathrop Road Bridge #73 Replacement over Langerderfer Ditch	AZ	2nd Quarter	\$ 375,000		
2020 OPWC Resurfacing Phase 2 Garden Road/Holland-Sylvania Road, Flanders Road & Laskey Road (0.60 mile)	DJP	2nd Quarter	\$ 413,200		
2020 Annual Resurfacing Program, PH. 1 Corduroy Road, Decant Road & North Curcice Road (2.52 miles)	JSP	2nd Quarter	\$ 763,000		
2020 Annual Resurfacing Program, PH. 2 Bancroft Street, Dutch Road, Waterville- Monclova Road & Weckerly Road (4.50 miles)	JSP	2nd Quarter	\$ 1,286,000		
2020 OPWC Resurfacing, Phase 3 Angola Road and Hill Avenue (0.84 mile)	DJP	4th Quarter (Late November)	\$ 434,000		
TOTALS			\$ 6,566,200		

PART II CONSTRUCTION FOR 2020

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
Raab Road, Whitehouse-Spencer Road & Meilke Road Improvement Project (Spencer Township)	KPW/SLR	1 st Quarter	\$ 754,025		
2020 OPWC Road Improvement Project Spring Meadows West, Pilliod Road, Bromford Road, Kellerston Road, Longport Road, Kingston Drive, Hollis, Sherborn Drive, Sudbury Drive & Geiser Road (Springfield Township)	SLR	1 st Quarter	\$ 1,478,313		
2020 OPWC Road Improvement Project, Phase 1 Rega Drive, Friedly Drive, Herman Place & Holt Rd. (Sylvania Township)	ATP/SLR	1 st Quarter	\$ 590,800		
2020 OPWC Road Improvement Project, Phase 2 Standing Timbers Lane, Standing Timbers Court, Larkhaven, Cavendish, Gilhouse Road, Fredelia Drive & Dogwood Lane (Sylvania Township)	SLR	1 st Quarter	\$ 447,200		
2020 Chip Seal Project Howard Road, Pavillion Road, Beachview Road, Temple Road, Clubhouse Boulevard, Lakemore Road, Waterway Road, Northway Road, Coffee Road, Lakepark Road, Lakeway Drive & Henry Road (Jerusalem Township)	SLR	2 nd Quarter	\$ 148,500		

PART II CONSTRUCTION FOR 2020

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
Bucher Road Bid by LCE (Waterville Township)	SLR	2 nd Quarter	\$ 263,925		
2020 Road Improvement Project Degenfelder Road, Hill Avenue & Eber Road (Spencer Township)	SLR	2 nd Quarter	\$ 520,000		
2020 Resurfacing Project Artwell Road, Hyssop Avenue, Janet Avenue, Calvin Avenue & Estess Avenue (Sylvania Township)	ATP	2 nd Quarter	\$ 235,000		
2020 Resurfacing Project Wheatstone Court, Weatherstone Court, Chip Shot Lane, Iron Court, Old Range Drive, Putters Place, Royal Timbers Lane, Sand Wedge Court, Timbers Boulevard, Timbers Green, Tournament Drive, Waterside Court, Wood Drive, Crossroads Court, Canterbury Ridge Road, Lexington Glen Boulevard, Matthew Circle, Shetland Meadow Lane (Monclova Township)	SLR	3 rd Quarter	\$ 1,192,500		
Drennen Ditch Cleanup (Spencer Township)	BWM	4 th Quarter	\$ 320,000		

PART II CONSTRUCTION FOR 2020

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
Kilburn Road Phase 2 Resurfacing & Shoulder Improvement, PID #109391 (Sylvania Avenue to Brint Road) To be bid by LCE (Richfield Township)	RLM/KPW	4th Quarter	\$ 1,098,669		
TOTALS \$			7,048,932		

PART II

2020

COUNTY PROJECTS TO BE LET FOR CONSTRUCTION

<u>PROJECT AND LOCATION</u>	<u>ESTIMATED CONSTRUCTION COST</u>
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BRIDGE REPAIR AND REPLACEMENT PROJECTS:

Annual Bridge Repair Program – BAZ Yondota Road Bridge #1471 - Guardrail	\$ 60,000
Lathrop Road Bridge #73 Replacement – BAZ	\$ 375,000
Total 2020 Bridge Repair & Replacement	\$ 435,000

MAJOR ROADWAY IMPROVEMENT PROJECTS:

Jeffers Road Reclamation & Overlay Project Neapolis-Waterville Road to Archbold-Whitehouse Road with new 4' paved berms on eastside 1.44 miles – SLR	\$ 500,000
Total 2020 Major Roadway Improvement	\$ 500,000

ROADWAY PRESERVATION/SAFETY PROJECTS:

2020 OPWC Resurfacing, Phase 1 through Phase 3 Brint Road (Bridge #105 over Ten Mile Creek to Silica Drive) Centennial Road (0.04 mile north of Mayberry Square to MI State Line) King Road (Sylvania Avenue to 0.25 mile north) Sylvania-Metamora Road (0.14 mile west to 0.08 mile east of Centennial Road) Angola Road (0.11 mile south east of Albon Road to 0.2 mile west of King Road)	\$ 1,899,200
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PART II

2020

COUNTY PROJECTS TO BE LET FOR CONSTRUCTION

<u>PROJECT AND LOCATION</u>	<u>ESTIMATED CONSTRUCTION COST</u>
<u>ROADWAY PRESERVATION/SAFETY PROJECTS (CONTINUED):</u>	
2020 OPWC Resurfacing, Phase 1 through Phase 3 - Continued	
Hill Avenue (Dorcas Lane to Toledo Corp. Limits)	
Garden Road (I-475 to Holland-Sylvania Road)	
Holland-Sylvania Road (Garden Road to Perrysburg-Holland Road)	
Flanders Road (Laskey Road to 0.05 mile north of Mt. Airy Road)	
Laskey Road (0.05 mile west of Stateville Drive to 0.08 mile east of Flanders Road)	
3.42 miles – SLR/DJP	
2020 Annual Resurfacing Program, Phase 1 & Phase 2	\$ 2,049,000
Corduroy Road (Yondota Road to Teachout Road)	
Decant Road (Corduroy Road to Arquette Road)	
N. Curtice Road (Corduroy Road to Cedar Point Road)	
Bancroft Street (Fulton-Lucas Road to State Route 295)	
Dutch Road (0.05 to 0.304 mile east of Waterville-Monclova (N)	
Waterville-Monclova Road (0.25 to 0.04 mile south of Dutch Road)	
Waterville-Monclova Road (0.05 mile to 0.97 mile north of Dutch Road)	
Weckerly Road (Monclova Road to US 20A)	
7.02 miles – JSP	
2020 Thin Overlay Program	\$ 724,000
Albon Road (0.16 mile north of Longworth Street to 0.19 mile north of SR 2)	
Albon Road (0.15 mile south of Angola Road to Angola Road)	
Angola Road (0.08 mile east of Pamshire Downs to 0.12 mile east of Albon Road)	
Centennial Road (Angola Road to 0.08 mile north of Angola Road)	
Eber Road (0.05 mile north of US 20A to Garden Road)	
Salisbury Road (0.28 mile east of Crissey Road to Albon Road)	
Summit Street (City of Toledo limits to Michigan State limit)	
Weckerly Road (Stitt Road to Ramm Road)	
5.07 miles – JSP	

PART II

2020

COUNTY PROJECTS TO BE LET FOR CONSTRUCTION

<u>PROJECT AND LOCATION</u>	<u>ESTIMATED CONSTRUCTION COST</u>
<u>ROADWAY PRESERVATION/SAFETY PROJECTS (CONTINUED):</u>	
Annual Traffic Safety Program	
- Guardrail, Pavement Markings, RPM's and etc. Locations TBD – RLM/DJP	\$ 235,000
	<hr/>
Total 2020 Roadway Preservation/ Safety Projects	\$ 4,907,200
 <u>ROADWAY MAINTENANCE PROJECTS:</u>	
Annual Crack Seal Program 28.14 miles – JSP	\$ 244,000
 Annual Microsurfacing Program	 \$ 87,000
Providence-Neapolis-Swanton Road (0.84 mile north of S. River Road to 0.42 mile north of Patton Road (US 24 Overpass) Obee Road (Whitehouse-Spencer Road to Eber Road) 1.50 miles – JSP	
 Annual Slurry Seal Program	 \$ 93,000
Teachout Road (State Route 2 to Corduroy Road) 1.51 miles – JSP	
	<hr/>
Total 2020 Road Maintenance Projects	\$ 424,000

PART II

2020

COUNTY PROJECTS TO BE LET FOR CONSTRUCTION

<u>PROJECT AND LOCATION</u>	<u>ESTIMATED CONSTRUCTION COST</u>
<u>CULVERT / DRAINAGE PROJECTS :</u>	
Annual County Drainage Program	
- Culvert Replacements:	\$ 150,000
- Storm Sewer Projects:	\$ 150,000
BWM/PMO/ATP	
Total 2020 Culvert/Drainage Projects	\$ 300,000
2020 Anticipated Construction	\$ 6,566,200

PART III

FORECAST FOR 2021

LET BY COUNTY ENGINEER

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE
Central Avenue Right Turn Lanes, PID #111416 (1.14 miles)	RLM	1 st Quarter	\$ 300,000
Annual Crack Seal Program (LCE Only) (26.71 miles)	JSP	1 st Quarter	\$ 239,000
Lathrop Road Bridge #318 Replacement over Bench Ditch	BAZ	1 st Quarter	\$ 250,000
2021 OPWC Resurfacing Program King Road and Hill Avenue (1.52 miles)	SLR	1 st Quarter	\$ 700,000
Annual Traffic Safety Program	RLM	1 st Quarter	\$ 400,000
Annual Thin Overlay Program Bancroft Street, Brown Road, Centennial Road, King Road, Old State Line Road, Providence-Neapolis- Swanton Road & Yondota Road (6.35 miles)	JSP	1 st Quarter	\$ 875,000
Annual Microsurfacing Program Fulton-Lucas Road & Old State Line Road (1.45 miles)	JSP	1 st Quarter	\$ 84,000
Annual Slurry Seal Program Brint Road (1.73 miles)	JSP	1 st Quarter	\$ 112,000
King Road Improvement, PID #111371 (0.79 miles)	SLR	1 st Quarter	\$ 490,000
Annual Drainage/Culvert Program	BAZ	1 st Quarter	\$ 350,000
Annual Bridge Repair Program Garden Road Bridge #2428	BAZ	1 st Quarter	\$ 400,000

PART III

FORECAST FOR 2021

LET BY COUNTY ENGINEER

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE
Stickney Avenue Improvement, PID #111374 (0.89 mile)	SLR	1 st Quarter	\$ 500,000
2021 Annual Resurfacing Program, Phase 1 Bancroft Street, Brint Road, Centennial Road, Crissey Road, Sylvania Avenue & Whiteford Road (6.45 miles)	JSP	1 st Quarter	\$ 2,140,000
2021 Annual Resurfacing Program, Phase 2 Providence-Neapolis-Swanton Road (2.14 miles)	SLR	1 st Quarter	\$ 720,000
Total			\$ 7,560,000

PART III

FORECAST FOR 2021

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

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE
2021 OPWC Road Improvement Project Salisbury Road & Lincoln Green Subdivision, Plats 1 & 3 (Springfield Township)	SLR	1 st Quarter	\$ 839,500
2021 OPWC Road Improvement Project Corey Road & Springbrook Drive (Sylvania Township)	ATP	1 st Quarter	\$ 758,500
2021 Resurfacing Project Coder Road & Olde Farm Subdivision, Plats 1-6 (Monclova Township)	SLR	1 st Quarter	\$ 1,122,000
Raab Road (Harding Township)	ATP	2 nd Quarter	\$ 278,000
2021 Resurfacing Project (Sylvania Township)	ATP	2 nd Quarter	\$ 235,000
Kilburn Road Phase 3 Resurfacing & Shoulder Improvement, PID #109392 (Brint Road to Sylvania-Metamora Road) To be bid by LCE (Harding Township)	RLM/KPW	4 th Quarter	\$ 1,098,669
Holloway Road & Salisbury Road Roundabout To be bid by LCE (Monclova Township)	KPW	1 st Quarter 2024	\$ 1,086,140
TOTAL			\$ 5,417,809

PART III

2021

COUNTY PROJECTS TO BE LET FOR CONSTRUCTION

<u>PROJECT AND LOCATION</u>	<u>ESTIMATED CONSTRUCTION COST</u>
<u>BRIDGE REPAIR AND REPLACEMENT PROJECTS:</u>	
Lathrop Road Bridge #318 Replacement – BAZ over Bench Ditch	\$ 250,000
Annual Bridge Repair Program – BAZ Garden Road Bridge #2428 over Swan Creek	\$ 400,000
	<hr/>
Total 2021 Bridge Repair & Replacement	\$ 650,000
<u>MAJOR ROADWAY IMPROVEMENT PROJECTS:</u>	
Central Avenue Right Turn Lanes, PID #111416 At King Road (0.08 mile south of Central Avenue to Central Avenue) At Centennial Road (0.06 mile south of Central Avenue to Central Avenue) (1.14 miles) – RLM	\$ 300,000
King Road Improvement, PID #111371 (Central Avenue to 0.06 mile north of Kings Pointe) (0.79 miles) – SLR	\$ 490,000
Stickney Avenue Improvement, PID #111374 (CSX Railroad to Benore Road) (0.89 miles) – SLR	\$ 500,000
	<hr/>
Total 2021 Major Roadway Improvement Projects	\$ 1,290,000

PART III

2021

COUNTY PROJECTS TO BE LET FOR CONSTRUCTION

<u>PROJECT AND LOCATION</u>	<u>ESTIMATED CONSTRUCTION COST</u>
<u>ROADWAY PRESERVATION/SAFETY PROJECTS:</u>	
2021 Thin Overlay Program	\$ 875,000
Bancroft Street (0.11 west of Centennial Road to 0.13 mile east of Centennial Road)	
Brown Road (City of Oregon limit to Cousino Road)	
Centennial Road (0.27 mile north of Dorr Street to Deerpointe Drive)	
Centennial Road (Brint Road to 0.02 mile north of Mayberry Square N.)	
King Road (0.05 mile to 0.46 mile north of Nebraska Avenue)	
Old State Line Road (Eber Road to Crissey Road)	
Providence-Neapolis-Swanton Road (Neowash Road to Mohler Road)	
Yondota Road (State Route 2 to Seaman Road)	
6.35 miles – JSP	
2021 Annual Resurfacing Program, Phase 1	\$ 2,140,000
Bancroft Street (0.13 mile east of Centennial Road to 0.098 mile west of King Road)	
Brint Road (0.69 mile east of Holt Road to 0.057 mile west of Centennial Road and Mitchaw Road to 0.057 south of to 0.04 mile north of Brint Road)	
Centennial Road (Deerpointe Drive to 0.06 mile south of Central Avenue)	
Centennial Road (0.046 mile north of 0.217 mile north of Sylvania Avenue)	
Crissey Road (Bancroft Street to Central Avenue)	
Sylvania Avenue (Fulton-Lucas Road to State Route 295)	
Whiteford Road (Trellis Way to Alexis Road)	
6.45 miles – JSP	

PART III

2021

COUNTY PROJECTS TO BE LET FOR CONSTRUCTION

<u>PROJECT AND LOCATION</u>	<u>ESTIMATED CONSTRUCTION COST</u>
<u>ROADWAY PRESERVATION/SAFETY PROJECTS (CONTINUED):</u>	
2021 Annual Resurfacing Program, Phase 2	\$ 720,000
Providence-Neapolis-Swanton Road (Central Avenue to Neapolis-Waterville Road)	
Providence-Neapolis-Swanton Road (Hite Road to State Route 64)	
2.14 miles – SLR	
2021 OPWC Resurfacing Project, Phase 2	\$ 700,000
Hill Avenue (0.16 mile east of King Road to 0.13 mile west of McCord Road)	
King Road (0.10 mile north of Bancroft Street to 0.08 mile south of Central Ave.)	
1.52 miles – SLR	
Annual Traffic Safety Program	
- Guardrail, Pavement Markings, RPM's and etc.	\$ 400,000
Locations TBD – RLM/DJP	
Total 2021 Roadway Preservation/ Safety Projects	\$ 4,835,000
<u>ROADWAY MAINTENANCE PROJECTS:</u>	
Annual Crack Seal Program	\$ 239,000
26.71 miles – JSP	
Annual Microsurfacing Program	\$ 84,000
Fulton-Lucas Road (Frankfort Road to Bancroft Street)	
Old State Line Road (State Route 295 to Garden Road/Raab Road)	
3.18 miles – JSP	

PART III

2021

COUNTY PROJECTS TO BE LET FOR CONSTRUCTION

<u>PROJECT AND LOCATION</u>	<u>ESTIMATED CONSTRUCTION COST</u>
<u>ROADWAY MAINTENANCE PROJECTS (CONTINUED):</u>	
Annual Slurry Seal Program Brint Road (Washburn Road to Kilburn Road – Roundabout Limit)	\$ 112,000
	<hr/>
Total 2021 Road Maintenance Projects	\$ 435,000
 <u>CULVERT / DRAINAGE PROJECTS :</u>	
Annual County Drainage Program	
- Storm Sewer Project – TBD	\$ 175,000
- Culvert Replacement – TBD	\$ 175,000
	<hr/>
Total 2021 Culvert/Drainage Projects	\$ 350,000
 2021 Anticipated Construction	 \$ 7,560,000

PART IV

CONSTRUCTION FORECAST FOR 2022

Let by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE
Brint Road @ Kilburn Road Roundabout, PID #109794 (0.22 mile)	KPW	1 st Quarter	\$ 800,000
Monclova Road @ Weckerly Road Roundabout, PID #107168 (0.22 mile)	KPW	1 st Quarter	\$ 683,000
Annual Traffic Safety Program	RLM	1 st Quarter	\$ 400,000
State Route 295 at Neapolis-Waterville Roundabout, PID #109640 (0.40 mile)	DJP	1 st Quarter	\$ 1,037,000
Annual Drainage/Culvert Program	BWM/BAZ	2 nd Quarter	\$ 300,000
Annual Bridge Repair Program Centennial Road Bridge #3086	BAZ	2 nd Quarter	\$ 300,000
Jeffers Road Bridge #860 Replacement	BAZ	2 nd Quarter	\$ 400,000
Annual Resurfacing and Sealing Program (48.88 miles)	JSP	2 nd Quarter	\$ 5,550,000
Holland-Sylvania Road Resurfacing, PID #111203 (1.41 miles)	DJP	3 rd Quarter	\$ 1,107,000
Angola Road @ King Road Roundabout, PID #110330 (0.45 mile)	DJP	3 rd Quarter	\$ 2,071,000
Sylvania Avenue @ Kilburn Road Roundabout, PID #111414 (0.22 mile)	KPW	3 rd Quarter	\$ 1,000,000
Total			\$ 13,648,000

PART IV

CONSTRUCTION FORECAST FOR 2023

Let by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE
Annual Traffic Safety Program	RLM	1 st Quarter	\$ 400,000
Annual Drainage/Culvert Program	BWM/BAZ	1 st Quarter	\$ 350,000
Annual Bridge Repair Program Perrysburg-Holland Road Bridge #584	BAZ	1 st Quarter	\$ 225,000
Monclova Road Bridge #716 Replacement	BAZ	1 st Quarter	\$ 400,000
Annual Resurfacing and Sealing Program (47.35 miles)	JSP	1 st Quarter	\$ 5,828,000
Total			\$ 7,203,000

PART IV

CONSTRUCTION FORECAST FOR 2024

Let by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE
Brint Road @ Centennial Road Roundabout, PID #110345 (0.22 mile)	KPW	1 st Quarter	\$ 816,000
Centennial Road @ Hill Avenue Roundabout, PID #110346 (0.22 mile)	DJP/KPW	1 st Quarter	\$ 827,000
Albon Road @ Garden Road Roundabout, PID #110362 (0.22 mile)	DJP/KPW	1 st Quarter	\$ 780,000
Annual Traffic Safety Program	RLM	1 st Quarter	\$ 400,000
Corduroy Road Bridge #1437 Replacement	BAZ	1 st Quarter	\$ 775,000
Annual Drainage/Culvert Program	BAZ	1 st Quarter	\$ 300,000
Nebraska Avenue Bridge #527 Replacement	BAZ	1 st Quarter	\$ 300,000
Annual Resurfacing and Sealing Program (54.60 miles)	JSP	1 st Quarter	\$ 5,894,000
Holloway Road @ Salisbury Road Roundabout, PID #111530 (0.22 mile)	TBD	1 st Quarter	\$ 1,165,000
Total			\$ 11,257,000

PART IV

CONSTRUCTION FORECAST FOR 2025

Let by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE
Annual Traffic Safety Program	RLM	1 st Quarter	\$ 400,000
Annual Drainage/Culvert Program	BWM/BAZ	1 st Quarter	\$ 350,000
Annual Bridge Repair Program	BAZ	1 st Quarter	\$ 300,000
Annual Resurfacing and Sealing Program (50.27 miles)	JSP	1 st Quarter	\$ 6,385,000
Summit Street @ Shoreland Avenue Roundabout, PID #111415 (0.22 mile)	TBD	1 st Quarter	\$ 1,070,000
Total			\$ 8,505,000

PART IV

PROJECTS UNDER DESIGN OR TO BE INITIATED FOR DESIGN IN 2020 AND PROJECTS IN THE CAPITAL IMPROVEMENT PROGRAM UNDER CONSIDERATION FOR CONSTRUCTION IN 2022 AND BEYOND

<u>PROJECT AND LOCATION</u>	<u>ESTIMATED CONSTRUCTION COST</u>
<u>BRIDGE REPAIR AND REPLACEMENT PROJECTS (2022 – 2025):</u>	
Annual Bridge Repair Program - BAZ	\$ 825,000
Centennial Road Bridge #3056 – north of Sylvania Avenue – 2022	
Perrysburg-Holland Road Bridge #584 – south of State Route 2 – 2023	
Others to be determined 2022, 2023, 2024 & 2025	
Annual Bridge Replacement Projects - BAZ	\$ 1,875,000
Jeffers Road Bridge #860 – south of Neowash Road – 2022	
Monclova Road Bridge #716 – west of Coder Road – 2023	
Corduroy Road Bridge No. 1437 – 2024	
Nebraska Avenue Bridge #527 – west of McCord Road – 2024	
	<hr/>
Total Bridge Repair and Replacement Projects	\$ 2,700,000
<u>MAJOR ROADWAY IMPROVEMENT PROJECTS (2022 – 2025)</u>	
State Route 295 at Neapolis-Waterville Road Roundabout, PID #109640 – 2022 DJP	\$ 1,037,000
Brint Road at Kilburn Road Roundabout, PID #109794 – 2022 KPW	\$ 800,000
Monclova Road at Weckerly Road Roundabout, PID #107168 – 2022 KPW	\$ 683,000
Angola Road at King Road Roundabout, PID #110330 – 2022 DJP	\$ 2,071,000

PART IV

PROJECTS UNDER DESIGN OR TO BE INITIATED FOR DESIGN IN 2020 AND PROJECTS IN THE CAPITAL IMPROVEMENT PROGRAM UNDER CONSIDERATION FOR CONSTRUCTION IN 2022 AND BEYOND

<u>PROJECT AND LOCATION</u>	<u>ESTIMATED CONSTRUCTION COST</u>
<u>MAJOR ROADWAY IMPROVEMENT PROJECTS (2022 – 2025) - CONTINUED</u>	
Sylvania Avenue @ Kilburn Road Roundabout, PID #111414 – 2022 KPW	\$ 1,000,000
Holland-Sylvania Road Resurfacing Project, PID #111203 – 2022 DJP	\$ 1,107,000
Brint Road at Centennial Road Roundabout, PID #110345 – 2024 KPW	\$ 816,000
Centennial Road at Hill Avenue Roundabout, PID #110346 – 2024 DJP/KPW	\$ 827,000
Albon Road at Garden Road Roundabout, PID #110362 – 2024 DJP/KPW	\$ 780,000
Holloway Road @ Salsibury Road Roundabout, PID #111530 – 2024 TBD	\$ 1,165,000
Summit Street @ Shoreland Avenue Roundabout, PID #111415 – 2025 TBD	\$ 1,070,000
Total Major Roadway Improvement Projects	\$ 11,356,000

PART IV

PROJECTS UNDER DESIGN OR TO BE INITIATED FOR DESIGN IN 2020 AND PROJECTS IN THE CAPITAL IMPROVEMENT PROGRAM UNDER CONSIDERATION FOR CONSTRUCTION IN 2022 AND BEYOND

PROJECT AND LOCATION	ESTIMATED CONSTRUCTION COST
<u>ROADWAY PRESERVATION/SAFETY PROJECTS (2022 – 2025):</u>	
Annual Road Resurfacing and Sealing Programs Locations to be determined TBD miles – Sealing 38 miles/year (average) TBD miles - Resurfacing 13.6 miles/year (average) JSP	\$ 23,657,000
Budget Allocations	
Traffic Safety Program - RPM, Pavement Markings, Signal Upgrades and Guardrail Repair/Replace, etc. Locations to be determined	\$ 1,600,000
RLM/DJP	
Budget Allocations	
Total Roadway Preservation Projects	
	\$ 25,257,000
 <u>CULVERT / DRAINAGE PROJECTS (2022 – 2025):</u>	
- Locations to be determined BAZ	Budget Allocations \$ 1,300,000
 TOTAL	
Projects under design or to be initiated for design in 2020	
	\$ 40,613,000

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 2019 completed projects along with forecasted projects for 2020 and 2021.

PART V

STORM WATER UTILITY

CONSTRUCTION FOR 2019

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

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
Drainage Work Various Roads (Springfield Township)	BWM	01/02/19	\$ 15,000	Springfield Township Forces	\$ 10,632.83
Coder Road Drainage (Monclova Township)	BWM	01/31/19	\$ 33,112	Jim Palmer Exc., Inc.	\$ 23,334.86
Cairl Ditch Log Jam, Wexford Subdivision (Springfield Township)	BWM	02/28/19	\$ 7,400	Crestline Paving & Exc., Inc.	\$ 6,800.00
Zaleski Ditch Improvement (Monclova Township)	BWM	03/12/19	\$ 135,593	Kyle J. Sherman Exc.	\$ 113,042.46
Old Airport Highway Drainage (Springfield Township)	BWM	04/09/19	\$ 25,000	Kyle J. Sherman Exc., LLC	\$ 17,280.00
Wolf Creek Log Jam Wyandotte Blvd. W. (Springfield Township)	BWM	04/13/19	\$ 7,490	Crestline Paving & Exc., Inc.	\$ 7,465.00

PART V

STORM WATER UTILITY

CONSTRUCTION FOR 2019

Let by County ~ Design & Inspection performed by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
Peter May Ditch Improvement (Springfield Township)	BWM	04/23/19	\$ 73,163	TAP Construction	\$ 49,369.00
Howard Farms / Bono Pumps (Jerusalem Township)	BWM		\$ 20,000 \$ 6,000 \$ 3,000	Excel Fluid Group, LLC Industrial Motor Svcs Geo. Gradel	\$ 18,695.00 \$ 3,496.00 \$ 2,510.00
C.B. and Conduit Repair Marais Drive/La Fontaine (Jerusalem Township)	BWM	05/06/19	\$ 6,000	Burkhardt & Sons, Inc.	\$ 4,500.00
Wolf Creek Log Jam Wyandotte Blvd. E. (Springfield Township)	BWM	05/13/19	\$ 7,450	Crestline Paving & Exc., Inc.	\$ 6,915.00
Culvert Improvements Various Roads (Jerusalem Township)	BWM	06/03/19	\$ 15,000	Burkhardt & Sons, Inc.	\$ 9,742.00
Drainage Work Willow Bend, Eisenbraum Ditch, Sherwood Forest Manor (Sylvania Township)	BWM	06/17/19	\$ 40,000	Sylvania Twp. Forces	\$ 36,018.65

PART V

STORM WATER UTILITY

CONSTRUCTION FOR 2019

Let by County ~ Design & Inspection performed by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
Bancroft Woods & Wolfinger Road Drainage (Sylvania Township)	SLR	06/25/19	\$ 290,859	Bowers Asphalt & Paving, Inc.	\$ 299,544.50
Heldman Ditch Improvement Plum Grove Subdivision (Springfield Township)	BWM	08/05/19	\$ 20,000	Ohio Excavating & Sewer Contractors	\$ 14,825.00
Ten Mile Creek Drainage Improvement (Sylvania Township)	BWM	09/12/19	\$ 1,719,502	E.R. Zeiler Excavating, Inc.	\$1,891,355.50
Shoreland Heights Subdivision Pump Petition (Washington Township)	BWM	09/21/19	\$ 40,000	GEM, Inc.	\$ 37,230.00
Harvest Ditch Maintenance (Springfield Township)	BWM	09/25/19	\$ 7,000	Blanchard Tree & Lawn	\$ 5,575.00
Zaleski Ditch Improvement Additional Work (Monclova Township)	BWM		\$ 20,000	T & J Exc. & Tree Clearing Dick Helminiak & Sons	\$ 1,800.00 \$ 13,020.00

PART V

STORM WATER UTILITY

CONSTRUCTION FOR 2019

Let by County ~ Design & Inspection performed by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
Smith Ditch Improvement (Sylvania Township)	ATP	10/10/19	\$ 264,196	Hanks Plumbing & Heating	\$ 188,647.00
Coder Road Culvert #685 (Monclova Township)	PMO	10/09/19	\$ 70,610	Geo. Gradel Co.	\$ 76,802.50
Butler Ditch Log Jam Removal (Springfield Township)	BWM	11/05/19	\$ 4,000	Crestline Paving & Exc., Inc.	\$ 2,385.00
Curwood Storm Sewer (Springfield Township)	BWM	11/25/19	\$ 7,490	Cash Services, LLC	\$ 7,454.00
Ten Mile Creek Log Jams (Sylvania Township)	BWM	11/26/19	\$ 7,500	G6 Infrastructure	\$ 7,485.00
Geiser Road Drainage Improvement (Springfield Township)	BWM	12/02/19	\$ 179,155	B. Hill'z Excavating	\$ 123,670.00
GRAND TOTAL			\$ 3,024,520		\$2,979,594.34

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
J. Cunningham Ditch Improvement (Sylvania Township)	ATP/BWM	2020	\$ 215,000
Potter Ditch Drainage Improvement Dorr Street – Dorr Street (Springfield Township)	ATP	2020	\$ 90,000
Heldman Ditch Drainage Improvement (King Road to Plum Grove Subdivision) (Springfield Township)	ATP/BWM	2020	\$ 680,350
Brown Road at Turnau (Jerusalem Township)	ATP/BWM	2020	\$ 70,000
Sherborn and Sudbury Drainage (include w/ 2020 OPWC Project) (Springfield Township)	SLR	2020	\$ 27,370
Friedly, Rega, Herman & Holt Drainage (include w/ 2020 OPWC Project) (Sylvania Township)	ATP	2020	\$ 200,000
2020 Jerusalem Township Drainage	ATP	2020	\$ 75,000
2020 Monclova Township Drainage	ATP	2020	\$ 50,000
2020 Spencer Township Drainage	ATP	2020	\$ 50,000

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
2020 Springfield Township Drainage	ATP	2020	\$ 100,000
2020 Sylvania Township Drainage	ATP	2020	\$ 50,000
2020 Washington Township Drainage	ATP	2020	\$ 70,000
2020 Waterville Township Drainage	ATP	2020	\$ 50,000
Morrison Ditch Drainage Improvement (Monclova Township)	ATP/BWM	2020	\$ 200,000
GRAND TOTAL			\$ 1,927,720

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
Lathrop Place Drainage Improvement	ATP	2021	\$ 200,000
Janelynn Drainage Improvement	ATP/BWM	2021	\$ 60,000
2021 Jerusalem Township Drainage	ATP	2020	\$ 60,000
2021 Monclova Township Drainage	ATP	2021	\$ 50,000
2021 Spencer Township Drainage	ATP	2021	\$ 50,000
2021 Springfield Township Drainage	ATP	2021	\$ 100,000
2021 Sylvania Township Drainage	ATP	2021	\$ 50,000
2021 Washington Township Drainage	ATP	2021	\$ 100,000
Ramm Road Drainage Improvement (Monclova Township)	ATP/BWM	2021	\$ 280,000
GRAND TOTAL			\$ 950,000

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.

Two of the current projects include US 20A at I-475 and Dorr Street at I-475 interchanges.

- 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 underway 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 2020. 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 2021 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

PART VI

LUCAS COUNTY TRANSPORTATION IMPROVEMENT DISTRICT (LCTID)

work (\$17,387,230.89) and the Dorr Street and McCord Road intersection work (\$2,794,650.68). Bridge work has started at the Dorr Street and Hill Avenue overpasses along I-475 and the I-475 widening work will be underway in 2020. Along Dorr Street, waterline and storm sewer installation is underway to be followed by roadway construction in 2020 construction season first westbound lanes constructed then the eastbound. Roundabout construction at the new ramps will then follow the roadway construction with the intersection at Dorr Street and McCord Road constructed in 2021. The total project completion date is the end of October 2021, however there are incentives for the I-475 work and interchange work to be operational by August 1, 2021. This would be in time for the Solheim Cup event to be held at the Inverness Club on Dorr Street less than 3 miles east of the interchange starting August 30, 2021.