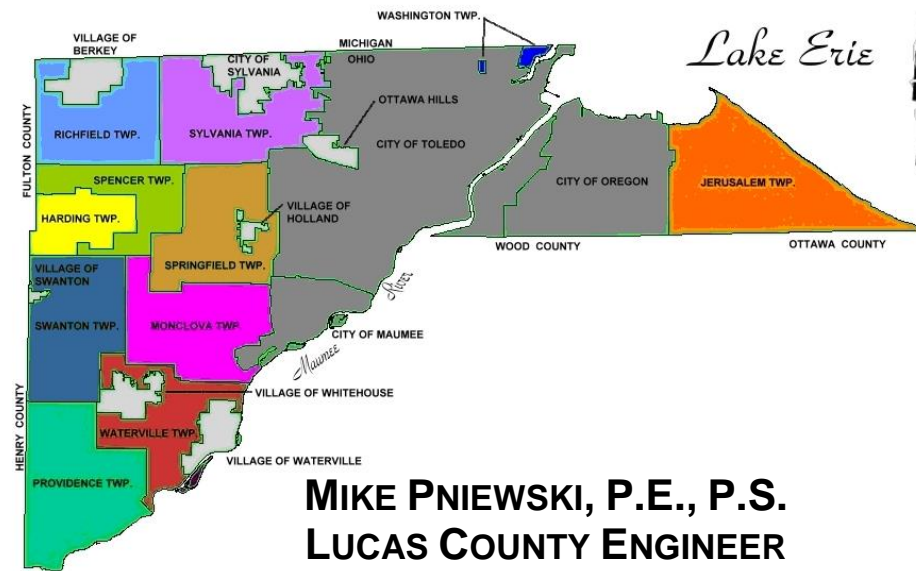


# OFFICE OF THE LUCAS COUNTY ENGINEER

## 6-YEAR CAPITAL IMPROVEMENT PROGRAM 2023 – 2028



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

January 2023



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

|            |                                  |                                       |                 |
|------------|----------------------------------|---------------------------------------|-----------------|
| <b>MDP</b> | <b>Mike Pniewski, P.E., P.S.</b> | <b>Lucas County Engineer</b>          | <b>213-2860</b> |
| MAS        | Michael A. Stormer, P.E.         | Chief Deputy Engineer                 | 213-2870        |
| MJP        | Matt J. Puhl, P.E., P.S.         | Chief Surveyor                        | 213-2834        |
| JSP        | Joel S. Palermo, P.E.            | Construction Engineer                 | 213-2840        |
| BAZ        | Bryan A. Zienta, P.E.            | Bridge Engineer                       | 213-2859        |
| KPW        | Kyle P. Warner, P.E.             | Stormwater Engineer                   | 213-2875        |
| JRH        | Joshua R. Hazard, E.I.           | Construction Project Supervisor       | 213-2841        |
| SLR        | Sarah L. Rowland, P.E.           | Engineering Project Manager           | 213-2857        |
| 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. Smith                   | Engineer-In-Training                  | 213-2866        |
| JFK        | Jeff F. Knueve                   | Engineer-In-Training                  | 213-4467        |

# CAPITAL IMPROVEMENT PROGRAM SUMMARY (2023 – 2028)

BASED ON REVENUE PROJECTIONS AND NON-CIP EXPENDITURES

## TOTAL 6-YEAR PROGRAM

Construction:       \$ 57,250,000  
 Other Costs:         \$ 30,432,622  
 Total C.I.P.         \$ 87,682,622  
 Total Budget:        \$ 138,321,471

Percentage of Budget allocated to C.I.P. = 63%

| INFRASTRUCTURE TYPE | 2023                 | 2024                 | 2025                 | 2026                | 2027                | 2028                |
|---------------------|----------------------|----------------------|----------------------|---------------------|---------------------|---------------------|
| Roadway             | \$ 10,910,000        | \$11,700,000         | \$10,945,000         | \$ 8,840,000        | \$ 4,140,000        | \$ 4,150,000        |
| Bridges             | \$ 2,465,000         | \$ 700,000           | \$ 600,000           | \$ 300,000          | \$ 300,000          | \$ 300,000          |
| Drainage / Culverts | \$ 350,000           | \$ 300,000           | \$ 350,000           | \$ 300,000          | \$ 300,000          | \$ 300,000          |
| <b>TOTAL</b>        | <b>\$ 13,725,000</b> | <b>\$ 12,700,000</b> | <b>\$ 11,895,000</b> | <b>\$ 9,440,000</b> | <b>\$ 4,740,000</b> | <b>\$ 4,750,000</b> |

## FUNDING SOURCES FOR C.I.P.

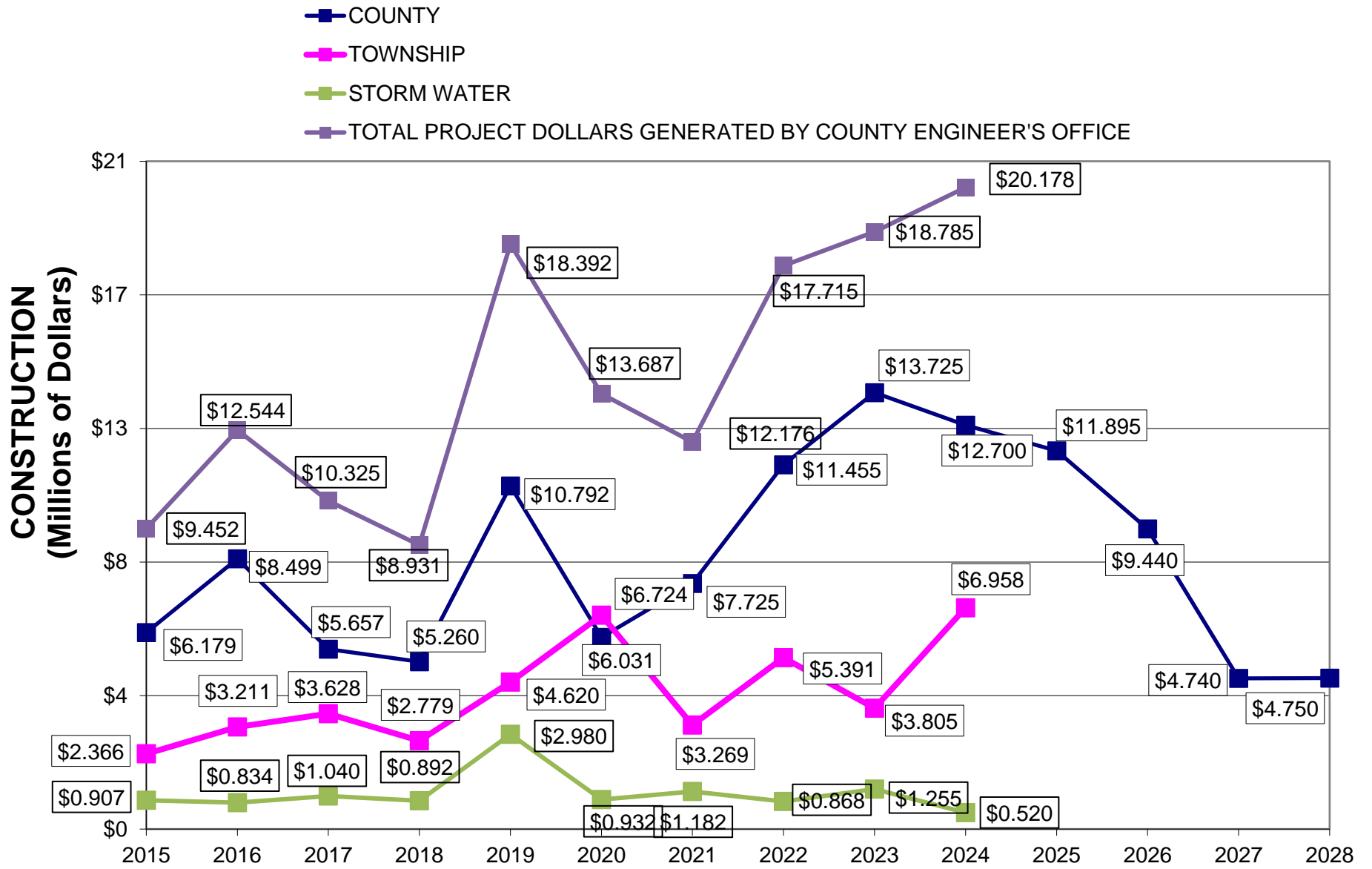
|                                  |                      |                |
|----------------------------------|----------------------|----------------|
| License Plate Fees & Gas Tax     | \$ 46,870,632        | 53.45%         |
| OPWC                             | \$ 15,687,950        | 17.89%         |
| Federal / O.D.O.T.               | \$ 22,004,040        | 25.10%         |
| Other Local Public Jurisdictions | \$ 3,120,000         | 3.56%          |
| <b>TOTAL</b>                     | <b>\$ 91,171,975</b> | <b>100.00%</b> |

# CONSTRUCTION DOLLAR SUMMARY

---

|   |                      |
|---|----------------------|
| 2023 Anticipated Construction .....   | \$ 13,725,000        |
| 2024 Anticipated Construction .....   | \$12,700,000         |
| Projects under design or to be initiated in 2023 and Projects in the Capital Improvement Program under consideration for Construction in 2025 and Beyond..... | \$ 30,825,000        |
| <b>Grand Total in Anticipated Construction Dollars .....</b>  | <b>\$ 57,250,000</b> |

**LUCAS COUNTY ENGINEER AND TOWNSHIP PROJECTS - CONSTRUCTION \$ ONLY**



# PART I

## COUNTY PROJECTS AWARDED IN 2022

| PROJECT NAME   | PROJECT MANAGER | PROJECT LET DATE | CURRENT ENGINEER ESTIMATE | AWARDED CONTRACTOR      | AWARDED AMOUNT  |
|--|-----------------|------------------|---------------------------|-------------------------|-----------------|
| 2022 OPWC Resurfacing Project, Phase 3   | SLR             | 12/16/21         | \$ 1,100,000              | Gerken Paving           | \$ 948,369.11   |
| 2022 Guardrail Improvements  | DJP             | 12/16/21         | \$ 110,000                | Lake Erie Construction  | \$ 81,895.00    |
| Monclova Road & Weckerly Road Intersection Roundabout, PID #107168                         | KWP             | 1/25/22          | \$ 740,000                | Crestline Paving & Exc. | \$ 764,588.42   |
| 2022 OPWC Resurfacing Project, Phase 1   | SLR             | 1/20/22          | \$ 1,436,507              | Gerken Paving           | \$ 1,387,629.94 |
| 2022 OPWC Resurfacing Project, Phase 2   | SLR             | 1/27/22          | \$ 1,250,000              | The Shelly Co.          | \$ 1,292,263.18 |
| S. Berkey-Southern (SR-295) & Neapolis-Waterville (CR-136) Roundabout Project, PID #109640 | DJP             | 2/9/22           | \$ 985,000                | Gerken Paving           | \$ 944,838.37   |
| Brint Road & Kilburn Road Intersection Roundabout, PID #109794                             | KPW             | 2/17/22          | \$ 920,000                | E.R. Zeiler Exc.        | \$ 969,101.50   |
| 2022 Thin Overlay Project  | JSP             | 2/10/22          | \$ 791,000                | Gerken Paving           | \$ 748,257.75   |
| Kilburn Road, Phase 3 Resurfacing & Shoulder Improvement, PID #109392                      | KPW             | 2/23/22          | \$ 1,150,000              | Helms & Sons Exc.       | \$ 1,140,596.00 |



# PART I

## COUNTY PROJECTS AWARDED IN 2022

| PROJECT NAME   | PROJECT MANAGER | PROJECT LET DATE | CURRENT ENGINEER ESTIMATE | AWARDED CONTRACTOR        | AWARDED AMOUNT          |
|--|-----------------|------------------|---------------------------|---------------------------|-------------------------|
| Holland-Sylvania Road Resurfacing Project, PID #111202             | DJP             | 2/24/22          | \$ 1,222,000              | The Shelly Co.            | \$ 1,426,695.10         |
| Angola Road & King Road Roundabout & Widening Project, PID #110330 | DJP             | 2/24/22          | \$ 1,900,000              | Miller Bros. Const.       | \$ 1,710,352.20         |
| 2022 Culvert Program   | BAZ             | 3/2/22           | \$ 113,000                | Vernon Nagel, Inc.        | \$ 119,386.23           |
| 2022 Crack Sealing Program   | JSP             | 3/25/22          | \$ 93,800                 | Buck Pavement Restoration | \$ 85,080.00            |
| Fallen Timbers Subdivision Drainage Improvement                    | KPW             | 7/28/22          | \$ 300,000                | State Highway Clearing    | \$ 268,360.00           |
| 2022 Long Line Painting Program                                    | MRM             | 9/7/22           | \$ 200,000                | Griffin Pavement Striping | \$ 96,315.50            |
| <b>TOTALS</b>  |                 |                  | <b>\$ 12,311,307</b>      |                           | <b>\$ 12,083,728.30</b> |

# PART I

## CONSTRUCTION FOR 2022

Bid by Townships ~ Design & Inspection performed by County Engineer

| PROJECT NAME  | PROJECT MANAGER | PROJECT LET DATE | CURRENT ENGINEER ESTIMATE | AWARDED CONTRACTOR           | AWARDED AMOUNT  |
|---|-----------------|------------------|---------------------------|------------------------------|-----------------|
| <b>Kilburn Road Phase 3 Resurfacing &amp; Shoulder Improvement, PID #109392 (Brint Road to Sylvania Metamora)</b><br>Bid by LCE<br>(Richfield Township)   | KPW             | LET<br>2/23/22   | \$ 1,220,000              | Helms & Sons<br>Exc.         | \$ 1,140,596.00 |
| <b>2022 OPWC Road Improvement Project</b><br>(Carmella Gardens (Plat 2), Pilliod Rd & Heather Glen Subdivision (Plat 1,2,6))<br>(Springfield Township)  | ATP             | LET<br>2/24/22   | \$ 679,011                | Bowers Asphalt & Paving Inc. | \$ 678,515.25   |
| <b>2022 Resurfacing Project</b><br>(Keener Rd, Crimson Hollow Subdivision (Plat 1-4) and Clearwater Subdivision (Plat 1-2))<br>(Monclova Township)  | SLR             | LET<br>3/11/22   | \$ 1,521,109              | Gerken Paving, Inc.          | \$ 1,534,646.95 |
| <b>2022 Monclova Twp. Crack Sealing Program</b><br>(Bid w/ LCE by Monclova Twp)<br>(Monclova Township)  | JSP             | LET<br>3/25/22   | \$ 49,950                 | Buck Pavement Restorations   | \$ 41,990.00    |
| <b>2022 OPWC Road Improvement Project</b><br>(Flanders Rd, Summerfield Rd, Cherrington Rd, Covert Rd, Merce Plat (1&2), Ridgemere Subdivision, Indian Ridge Subdivision, & Robinson Place Subdivision)<br>(Sylvania Township) | ATP             | LET<br>4/1/22    | \$ 771,835                | Bowers Asphalt & Paving Inc. | \$ 741,662.42   |
| <b>2022 OPWC Shaffer Road Resurfacing</b><br>(Harding Township)   | ATP             | LET<br>4/8/22    | \$ 207,559                | Gerken Paving, Inc.          | \$ 193,776.50   |

# PART I

## CONSTRUCTION FOR 2022

Bid by Townships ~ Design & Inspection performed by County Engineer

|  |     |                |                     |                                   |                        |
|--|-----|----------------|---------------------|-----------------------------------|------------------------|
| <b>2022 Resurfacing Project</b><br>(Oak Valley Park, Gradwohl, Shetland, Heysler,<br>Woodstream West)<br>(Sylvania Township) | ATP | LET<br>4/8/22  | \$ 706,2619         | Bowers Asphalt &<br>Paving Inc.   | \$ 606,371.60          |
| <b>2022 Chip Seal Project</b><br>(Jerusalem Township)  | ATP | LET<br>6/17/22 | \$ 94,086           | Unilliance,<br>Inc.               | \$ 94,775.60           |
| <b>2022 Parking Lot Resurfacing Project</b><br>(Police Station, Fire Station and Township Hall)<br>(Sylvania Township)       | ATP | LET<br>5/6/22  | \$ 333,643          | Henry W.<br>Bergman               | \$ 318,784.00          |
| <b>2022 Long Line Painting Program-<br/>Jerusalem Twp</b><br>Bid by LCE<br>(Jerusalem Township)                              | MRM | LET<br>9/7/22  | \$ 7,115            | Griffin Pavement<br>Striping, LLC | \$ 6,957.00            |
| <b>2022 Long Line Painting Program-<br/>Sylvania Twp</b><br>Bid by LCE<br>(Sylvania Township)                                | MRM | LET<br>9/7/22  | \$ 4,367            | Griffin Pavement<br>Striping, LLC | \$ 4,218.00            |
| <b>2022 Long Line Painting Program-<br/>Spencer Twp</b><br>Bid by LCE<br>(Spencer Township)                                  | MRM | LET<br>9/7/22  | \$ 6,785            | Griffin Pavement<br>Striping, LLC | \$ 6,611.25            |
| <b>2022 Long Line Painting Program-<br/>Monclova Twp</b><br>Bid by LCE<br>(Monclova Township)                                | MRM | LET<br>9/7/22  | \$ 22,155           | Griffin Pavement<br>Striping, LLC | \$ 21,716.25           |
| <b>2022 Long Line Painting Program-<br/>Harding Twp</b><br>Bid by LCE<br>(Harding Township)                                  | MRM | LET<br>9/7/22  | \$ 748              | Griffin Pavement<br>Striping, LLC | \$ 765.00              |
| <b>TOTAL</b>   |     |                | <b>\$ 5,624,624</b> |                                   | <b>\$ 5,391,385.82</b> |

# PART II

## CONSTRUCTION FOR 2023

| PROJECT NAME  | PROJECT MANAGER | PROJECT LET DATE | CURRET ENGINEER ESTIMATE | AWARDED CONTRACTOR | AWARDED AMOUNT |
|---|-----------------|------------------|--------------------------|--------------------|----------------|
| <b>Annual Thin Overlay Program</b><br>(Dorr, Garden, Heller, Hite, Neapolis Waterville, Perrysburg Holland)<br>(5.67 miles) | JSP             | 1Q2023           | \$ 650,000               |                    |                |
| <b>Annual Drainage/Culvert Program</b>  | BAZ             | 1Q2023           | \$ 350,000               |                    |                |
| <b>Annual Crack Seal Program</b><br>(26.46 miles)   | JSP             | 1Q2023           | \$ 270,000               |                    |                |
| <b>Annual Traffic Safety Program</b>  | MRM             | 1Q2023           | \$ 300,000               |                    |                |
| <b>Annual Raised Pavement Marker Program</b>  | JRS             | 1Q2023           | \$ 60,000                |                    |                |
| <b>Annual Bridge Repair Program</b><br>(Garden Road Bridge No. 2448 - New Concrete Overlay)                                 | BAZ             | 1Q2023           | \$ 325,000               |                    |                |
| <b>Corduoy Road Bridge #1437 Replacement, PID 108877</b>  | BAZ             | 1Q2023           | \$ 770,000               |                    |                |
| <b>2023 Lucas Co. OPWC Resurfacing Phase 1</b><br>(Dutch, Brint, Mitchaw, Eber)<br>(3.78 miles)                             | SLR             | 1Q2023           | \$ 2,650,000             |                    |                |
| <b>2023 Lucas Co. OPWC Resurfacing Phase 2</b><br>(Stitt, Neapolis Waterville)<br>(3.69 miles)                              | JRS             | 1Q2023           | \$ 1,500,000             |                    |                |

# PART II

## CONSTRUCTION FOR 2023

| PROJECT NAME   | PROJECT MANAGER | PROJECT LET DATE | CURRET ENGINEER ESTIMATE | AWARDED CONTRACTOR | AWARDED AMOUNT |
|--|-----------------|------------------|--------------------------|--------------------|----------------|
| <b>2023 Lucas Co. OPWC Resurfacing Phase 3</b><br>(Sylvania, Dorr, Nebraska, Holland Sylvania)<br>(3.08 miles) | SLR             | 1Q2023           | \$ 2,250,000             |                    |                |
| <b>Jeffers Road Bridge # 860 Replacement</b>   | BAZ             | 1Q2023           | \$ 450,000               |                    |                |
| <b>Shoreland Avenue Curb Repair</b>  | ATP             | 1Q2023           | \$ 230,000               |                    |                |
| <b>Sylvania Avenue at Kilburn Road Roundabout, PID 111414</b><br>(0.22 miles)                                  | KPW             | 1Q2023           | \$ 1,100,000             |                    |                |
| <b>Perrysburg Holland Road Bridge #616 Replacement, PID 112146</b><br>(0.22 miles)                             | BAZ             | 1Q2023           | \$ 920,000               |                    |                |
| <b>Brint Road at Centennial Road Roundabout, PID 110345</b><br>(0.22 miles)                                    | KPW             | 1Q2023           | \$ 830,000               |                    |                |
| <b>Bancroft Street and McCord Road Resurfacing, PID 115923</b><br>(0.34 miles)                                 | SLR             | 1Q2023           | \$ 465,000               |                    |                |
| <b>King Road at University Parks Trail Signalization, PID 115926</b>   | MAS             | 1Q2023           | \$ 165,000               |                    |                |

# PART II

## CONSTRUCTION FOR 2023

| PROJECT NAME   | PROJECT MANAGER | PROJECT LET DATE | CURRET ENGINEER ESTIMATE | AWARDED CONTRACTOR | AWARDED AMOUNT |
|--|-----------------|------------------|--------------------------|--------------------|----------------|
| <b>Laskey Road Resurfacing (Monroe Street to Talmadge Road)</b> PID 116429<br>(0.65 miles) | SLR             | 1Q2023           | \$ 360,000               |                    |                |
| <b>Monclova Crosswalks,</b> PID 117152<br>(0.05 miles)                                     | MAS             | 1Q2023           | \$ 80,000                |                    |                |
| <b>TOTALS</b>  |                 |                  | <b>\$ 13,725,000</b>     |                    |                |

# PART II

## CONSTRUCTION FOR 2023

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 |
|--|-----------------|------------------|---------------------------|--------------------|----------------|
| <b>2023 OPWC Road Improvement Project</b><br>Stone Oak (Plat 1)<br>(Springfield Township)  | ATP             | 1Q2023           | \$ 657,500                |                    |                |
| <b>2023 OPWC Road Improvement Project</b><br>(Forest Lakes Subdivision and Twelve Lakes Subdivision)<br>(Sylvania Township)  | ATP             | 1Q2023           | \$ 982,000                |                    |                |
| <b>2023 Resurfacing Project</b><br>(Arvilla N&S, Woodbridge, Westminster, Davenport, Crestridge N&S, Ginger Hill)<br>(Sylvania Township)                             | ATP             | 1Q2023           | \$ 524,500                |                    |                |
| <b>2023 Resurfacing Project</b><br>(Crosscreek Homestead at the Quarry, Stonebrooke Farms and Winterbourne Station (Plat 1 & 2) Subdivisions)<br>(Monclova Township) | ATP             | 1Q2023           | \$ 1,332,500              |                    |                |
| <b>Bailey Road Culvert No. 980</b><br>(Providence Township)  | BAZ/JRS         | 1Q2023           | \$ 73,000                 |                    |                |
| <b>Wilkins Road Improvement Project</b><br>(Swanton Township)  | SLR             | 1Q2023           | \$ 235,000                |                    |                |

# PART II

## CONSTRUCTION FOR 2023

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 |
|---|-----------------|------------------|---------------------------|--------------------|----------------|
| <b>2022 Chip Seal Project</b><br>(Jerusalem Township)   | ATP             | TBD              | \$ TBD                    |                    |                |
| <b>2022 Long Line Painting Program-<br/>Jerusalem Twp</b><br>Bid by LCE<br>(Jerusalem Township) | MRM             | TBD              | \$ TBD                    |                    |                |
| <b>2022 Long Line Painting Program-<br/>Sylvania Twp</b><br>Bid by LCE<br>(Sylvania Township)   | MRM             | TBD              | \$ TBD                    |                    |                |
| <b>2022 Long Line Painting Program-<br/>Spencer Twp</b><br>Bid by LCE<br>(Spencer Township)     | MRM             | TBD              | \$ TBD                    |                    |                |
| <b>2022 Long Line Painting Program-<br/>Monclova Twp</b><br>Bid by LCE<br>(Monclova Township)   | MRM             | TBD              | \$ TBD                    |                    |                |
| <b>2022 Long Line Painting Program-<br/>Harding Twp</b><br>Bid by LCE<br>(Harding Township)     | MRM             | TBD              | \$ TBD                    |                    |                |
| <b>TOTAL</b>  |                 |                  | <b>\$ 3,804,500</b>       |                    |                |



# PART II

## 2023

### COUNTY PROJECTS TO BE LET FOR CONSTRUCTION

| PROJECT AND LOCATION  | ESTIMATED<br>CONSTRUCTION COST |
|---|--------------------------------|
| <b><u>BRIDGE REPAIR AND REPLACEMENT PROJECTS:</u></b>                                     |                                |
| Annual Bridge Repair Program<br>Garden Road Bridge No. 2448 - New Concrete Overlay<br>BAZ | \$ 325,000                     |
| Annual Bridge Replacement Projects<br>Jeffers Road Bridge #860 Replacement<br>BAZ         | \$ 450,000                     |
| Perrysburg Holland Bridge #616 Replacements PID 112146<br>BAZ                             | \$ 920,000                     |
| Corduroy Road Bridge #1437 Replacement, PID 108877<br>BAZ                                 | \$ 770,000                     |
| <b>Total 2023 Bridge Repair &amp; Replacement</b>   | <b>\$ 2,465,000</b>            |
| <b><u>MAJOR ROADWAY IMPROVEMENT PROJECTS:</u></b>   |                                |
| Sylvania Ave @ Kilburn Roundabout PID 111414<br>0.22 miles – KPW                          | \$ 1,100,000                   |
| Brint Road @ Centennial Road Roundabout PID 110345<br>0.22 miles – KPW                    | \$ 830,000                     |

# PART II

## 2023

### COUNTY PROJECTS TO BE LET FOR CONSTRUCTION

| PROJECT AND LOCATION   | ESTIMATED<br>CONSTRUCTION COST |
|--|--------------------------------|
| <b><u>MAJOR ROADWAY IMPROVEMENT PROJECTS (CONTINUED):</u></b>                      |                                |
| Bancroft Street and McCord Road Resurfacing, PID 115923<br><b>0.64 miles - SLR</b> | \$ 465,000                     |
| King Road at University Parks Trail Signalization, PID 115926<br><b>MAS</b>        | \$ 165,000                     |
| Laskey Road Resurfacing, PID TBD<br><b>0.65 miles - SLR</b>                        | \$ 360,000                     |
| <b>Total 2023 Major Roadway<br/>Improvement</b>                                    | <b>\$ 2,920,000</b>            |

**ROADWAY PRESERVATION/SAFETY PROJECTS:**

|   |              |
|---|--------------|
| <b>2023 OPWC Resurfacing, Phase 1</b>   | \$ 2,650,000 |
| Dutch Road (0.09 mi east of Finzel Road to Fischer Road)                        |              |
| Brint Road (Centennial Road (roundabout limit) to 0.16 mi west of Summer Drive) |              |
| Mitchaw Road (0.04 mi north of Brint Road to 0.11 mi north of Pelican Grove)    |              |
| Eber Road (Weckerly Road to Obee Road)  |              |
| <b>3.78 miles – SLR</b>   |              |

# PART II

## 2023

### COUNTY PROJECTS TO BE LET FOR CONSTRUCTION

| PROJECT AND LOCATION   | ESTIMATED<br>CONSTRUCTION COST |
|--|--------------------------------|
| <b><u>ROADWAY PRESERVATION/SAFETY PROJECTS (CONTINUED):</u></b>  |                                |
| <b>2023 OPWC Resurfacing, Phase 2</b><br>Stitt Road (Weckerly Road to Keener Road)<br>Salisbury Road (Strayer to Manley)<br>Neapolis Waterville Road (Schadel Road to City of Waterville Limit)<br><b>3.69 miles – JRS</b>   | \$ 1,500,000                   |
| <b>2023 OPWC Resurfacing, Phase 3</b><br>Sylvania Avenue (Corey/Whiteford Road to City of Toledo Limit)<br>Dorr Street (0.03 mi east of Old King Road to Carrington Street)<br>Nebraska Avenue (Centennial Road to 0.37 mi. east of Oak Park Road)<br>Holland Sylvania Road (0.04 mi north of Angola Road to South Avenue)<br><b>3.08 miles – SLR</b>  | \$ 2,250,000                   |
| <b>2023 Thin Overlay Program</b><br>Dorr Street (0.05 mile east of Centennial Road to 0.36 mile east of Oak Park)<br>Garden Road (Garden Creek Drive to west approach slab bridge over IR-475)<br>Neapolis Waterville Road: (Prov-Neap-Swan Road to SR-295)<br>Hite Road (Fulton Lucas Road to Prov-Neap-Swan Road)<br>Heller Road (Neapolis Waterville Road to Stiles Road)<br>Perrysburg Holland (0.221 mile south of SR-2 to SR-2)<br><b>5.67 miles – JSP</b> | \$ 650,000                     |

# PART II

## 2023

### COUNTY PROJECTS TO BE LET FOR CONSTRUCTION

| <u>PROJECT AND LOCATION</u>                                     | <u>ESTIMATED<br/>CONSTRUCTION COST</u> |
|---|--|
| <b><u>ROADWAY PRESERVATION/SAFETY PROJECTS (CONTINUED):</u></b> |  |
| Annual Traffic Safety Program<br><b>MRM</b>                     | \$ 300,000                             |
| Annual Raised Pavement Marker Program<br><b>JRS</b>             | \$ 60,000                              |
| Shoreland Avenue Curb Repair<br><b>ATP</b>                      | \$ 230,000                             |
| Monclova Crosswalks, PID 117152<br><b>MAS</b>                   | \$ 80,000                              |
| <b>Total 2023 Roadway Preservation/<br/>Safety Projects</b>     | <b>\$ 7,720,000</b>                    |
| <br><b><u>ROADWAY MAINTENANCE PROJECTS:</u></b>                 |  |
| Annual Crack Seal Program<br><b>24.46 miles – JSP</b>           | \$ 270,000                             |
| <b>Total 2023 Road Maintenance<br/>Projects</b>                 | <b>\$ 270,000</b>                      |

# PART II

## 2023

### COUNTY PROJECTS TO BE LET FOR CONSTRUCTION

| PROJECT AND LOCATION                            | ESTIMATED<br>CONSTRUCTION COST |
|---|--------------------------------|
| <b><u>CULVERT / DRAINAGE PROJECTS:</u></b>      |                                |
| Annual County Drainage Program                  |                                |
| - Culvert Replacements:                         | \$ 175,000                     |
| - Storm Sewer Projects:                         | \$ 175,000                     |
| <b>BAZ</b>                                      |                                |
| <b>Total 2023 Culvert/Drainage<br/>Projects</b> | <b>\$ 350,000</b>              |
| <b>2023 Anticipated Construction</b>            | <b>\$ 13,725,000</b>           |

# PART III FORECAST FOR 2024

LET BY COUNTY ENGINEER

| PROJECT NAME  | PROJECT MANAGER | PROJECT LET DATE | CURRENT ENGINEER ESTIMATE |
|---|-----------------|------------------|---------------------------|
| <b>Annual Thin Overlay Program</b><br>(Archbold Whitehouse, Bancroft, Briarfield Blvd, Flanders, Garden, Monclova, Obee, Sylvania Metamora, Whiteford, Wilkins)<br>(8.03 miles) | JSP             | 1Q2024           | \$ 1,130,000              |
| <b>Annual Drainage/Culvert Program</b>  | BAZ             | 1Q2024           | \$ 300,000                |
| <b>Annual Crack Seal Program</b>  | JSP             | 1Q2024           | \$ 310,000                |
| <b>Annual Traffic Safety Program</b>  | MRM             | 1Q2024           | \$ 300,000                |
| <b>Annual Guardrail Program</b>   | JRS             | 1Q2024           | \$ 50,000                 |
| <b>Annual Raised Pavement Marker Program</b>  | JRS             | 1Q2024           | \$ 50,000                 |
| <b>Annual Bridge Repair Program</b><br>(Doran Road Bridge No. 968 new concrete overlay, Albon Road Bridge No. 628 new concrete overlay)   | BAZ             | 1Q2024           | \$ 300,000                |
| <b>2024 Lucas Co. OPWC Resurfacing Phase 1</b><br>(Cedar Point, Corduroy, Howard, Veler)<br>(4.72 miles)  | JSK             | 1Q2024           | \$ 1,500,000              |
| <b>2024 Lucas Co. OPWC Resurfacing Phase 2</b><br>(Jeffers, Neapolis Waterville, Salisbury, Talmadge)<br>(3.13 miles)   | SLR             | 1Q2024           | \$ 1,600,000              |

# PART III

## FORECAST FOR 2024

LET BY COUNTY ENGINEER

| PROJECT NAME  | PROJECT MANAGER | PROJECT LET DATE | CURRENT ENGINEER ESTIMATE |
|---|-----------------|------------------|---------------------------|
| <b>Monclova Road Bridge #716 Replacement</b>  | BAZ             | 1Q2024           | \$ 400,000                |
| <b>Bancroft Street and McCord Road Roundabout and Widening, PID 113741</b><br>(0.86 miles)  | MAS             | 1Q2024           | \$ 3,700,000              |
| <b>Hill Avenue at Centennial Road Roundabout, PID 110346</b><br>(0.22 miles)  | JRS             | 1Q2024           | \$ 950,000                |
| <b>Garden Road at Albon Road Roundabout, PID 110362</b><br>(0.22 miles)   | JSK             | 1Q2024           | \$ 800,000                |
| <b>McCord Road at Central Avenue U-turns, PID 115514</b><br>(0.28 miles)  | SLR             | 1Q2024           | \$ 300,000                |
| <b>Holland Sylvania Road at Sylvania Avenue and Holland Sylvania Road at Central Avenue resurfacing, PID 118112</b><br>(0.20 miles) | SLR             | 1Q2024           | \$ 585,000                |
| <b>Sylvania Metamora Road resurfacing in Berkey, PID 118127</b><br>(1.01 miles)   | SLR             | 1Q2024           | \$ 425,000                |
| <b>TOTAL</b>  |                 |                  | <b>\$ 12,700,000</b>      |

# PART III

## FORECAST FOR 2024

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

| PROJECT NAME  | PROJECT MANAGER | PROJECT LET DATE | CURRENT ENGINEER ESTIMATE |
|---|-----------------|------------------|---------------------------|
| <b>2024 OPWC Road Improvement Project</b><br>(Apple Blossom Subdivision)<br><span style="float: right;">(Springfield Township)</span>   | ATP             | 1Q2024           | \$ 832,000                |
| <b>2024 OPWC Road Improvement Project</b> (Corey Rd, Courville, Coldstream, Skelly, Woodstream West (Plat 8-12), Edgewater Place (Plat 2, 3 & 5), Cobblestones (Plat 1&3))<br>(Sylvania Township) | ATP             | 1Q2024           | \$ 1,524,000              |
| <b>2024 Resurfacing Project</b><br>(Crossliegh, Portman, Boulder, Granite, Country Side, Olde Meadow, Cinnamon, & Gower)<br><span style="float: right;">(Sylvania Township)</span>                | ATP             | 1Q2024           | \$ -----                  |
| <b>2024 Resurfacing Project</b><br>(Waterside & Olde Towne Subdivision)<br><span style="float: right;">(Monclova Township)</span>   | ATP             | 1Q2024           | \$ 1,403,000              |
| <b>Miller Road Resurfacing Project</b><br><span style="float: right;">(Richfield Township)</span>   | JRS             | 1Q2024           | \$ 174,000                |
| <b>Whitehouse Spencer Road Resurfacing</b><br><span style="float: right;">(Spencer Township)</span>   | JRS             | 1Q2024           | \$ 157,000                |
| <b>2024 OPWC Resurfacing Project</b><br>(Lakeview, Springbrook, Winslow, Janelynn)<br><span style="float: right;">(Waterville Township)</span>  | ATP             | 1Q2024           | \$ 524,000                |
| <b>2024 OPWC Resurfacing Project</b><br>(Fullers Creekside Glenn)<br><span style="float: right;">(Washington Township)</span>   | ATP             | 1Q2024           | \$ 556,700                |



# PART III

## FORECAST FOR 2024

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

| PROJECT NAME   | PROJECT MANAGER | PROJECT LET DATE | CURRENT ENGINEER ESTIMATE |
|--|-----------------|------------------|---------------------------|
| <b>Holloway Rd &amp; Salisbury Rd Roundabout</b><br>To be bid by LCE<br><div style="text-align: right; font-size: small;">(Monclova Township)</div>          | ATP             | 1Q2024           | \$ 1,087,000              |
| <b>Monclova Rd at Waterville Monclova Road Roundabout</b><br>To be bid by LCE<br><div style="text-align: right; font-size: small;">(Monclova Township)</div> | TBD             | 1Q2026           | \$ 700,000                |
| <b>TOTAL</b>   |                 |                  | <b>\$ 6,957,700</b>       |

# PART III

## 2024

### COUNTY PROJECTS TO BE LET FOR CONSTRUCTION

| PROJECT AND LOCATION  | ESTIMATED<br>CONSTRUCTION COST |
|---|--------------------------------|
| <b><u>BRIDGE REPAIR AND REPLACEMENT PROJECTS:</u></b>   |                                |
| <b>Annual Bridge Repair Program - BAZ</b><br>Doran Road Bridge No. 968 overlay, Albon Road Bridge No. 628 overlay | \$ 300,000                     |
| <b>Annual Bridge Replacement Projects - BAZ</b><br>Monclova Road Bridge #716 Replacement                          | \$ 400,000                     |
| <b>Total 2024 Bridge Repair &amp;<br/>Replacement Projects</b>  | <b>\$ 700,000</b>              |
| <br><b><u>MAJOR ROADWAY IMPROVEMENT PROJECTS</u></b>  |                                |
| <b>Bancroft Street and McCord Roundabout and widening, PID 113741</b><br><b>0.86 miles – MAS</b>                  | \$ 3,700,000                   |
| <b>Hill Ave at Centennial Road Roundabout, PID 110346</b><br><b>0.22 miles – JRS</b>                              | \$ 950,000                     |
| <b>Garden Road at Albon Road Roundabout, PID 110362</b><br><b>0.22 miles – SLR</b>                                | \$ 800,000                     |

# PART III

## 2024

### COUNTY PROJECTS TO BE LET FOR CONSTRUCTION

| PROJECT AND LOCATION  | ESTIMATED<br>CONSTRUCTION COST |
|---|--------------------------------|
| <b><u>MAJOR ROADWAY IMPROVEMENT PROJECTS (CONTINUED):</u></b>   |                                |
| McCord at Central U-turns, PID 115514<br><b>0.28 miles – SLR</b>  | \$ 300,000                     |
| Holland Sylvania Road at Sylvania Avenue and<br>Holland Sylvania Road at Central Avenue resurfacing, PID 118112<br><b>0.20 miles – SLR</b>  | \$ 585,000                     |
| Sylvania Metamora resurfacing in Berkey, PID 118127<br><b>1.01 miles – SLR</b>  | \$ 425,000                     |
| <b>Total 2024 Major Roadway<br/>Improvement Projects</b>  | <b>\$ 6,760,000</b>            |
| <b><u>ROADWAY PRESERVATION/SAFETY PROJECTS:</u></b>   |                                |
| <b>2024 OPWC Resurfacing, Phase 1</b><br>Cedar Point Road: City of Oregon limit to North Curtice Road<br>Corduroy Road: 0.27 mile east of Anchor Point Road to Howard Road<br>Howard Road: SR-2 to Corduroy Road<br>Veler Road: Lyons Road to SR-2<br><b>4.72 miles – JSK</b> | <b>\$ 1,500,000</b>            |

# PART III

## 2024

### COUNTY PROJECTS TO BE LET FOR CONSTRUCTION

| PROJECT AND LOCATION  | ESTIMATED<br>CONSTRUCTION COST |
|---|--------------------------------|
| <b><u>ROADWAY PRESERVATION/SAFETY PROJECTS CONTINUED:</u></b>                             |                                |
| <b>2024 OPWC Resurfacing, Phase 2</b>   | \$ 1,600,000                   |
| Jeffers Road: Neowash Road to Mohler Road   |                                |
| Neapolis Waterville Road: SR-295 (roundabout limits) to Heller                            |                                |
| Salisbury Road: Strayer Road to Manley Road   |                                |
| Talmadge Road: Laskey Road to Alexis Road   |                                |
| <b>3.13 miles – SLR</b>   |                                |
| <br><b>2024 Thin Overlay Program – JSP</b>  | <br>\$ 1,130,000               |
| Archbold Whitehouse (SR-295 to 0.046 mile east of SR-295)                                 |                                |
| Bancroft Street (0.18 mile east of Crissey Road to 0.11 mile west of Centennial Road)     |                                |
| Briarfield Blvd (US-20A to Salisbury Road)  |                                |
| Flanders Road (0.05 mile north of Mount Airy Road to Alexis Road)                         |                                |
| Garden Road (Eber Road to Crissey Road)   |                                |
| Monclova Road (SR-64 to Wilkins Road)   |                                |
| Obee Road: (SR-295 to Whitehouse Spencer Road)  |                                |
| Sylvania Metamora (0.06 mi east of Mitchaw Road to 0.06 mi east of Winterhaven Road Road) |                                |
| North Jerome Road (Monclova Road to Technology Drive)                                     |                                |
| Whiteford Road (Sylvania Avenue to Corey Road)  |                                |
| Wilkins Road (Soul Road to Shaffer Road)  |                                |
| <b>8.03 miles – JSP</b>   |                                |

# PART III

## 2024

### COUNTY PROJECTS TO BE LET FOR CONSTRUCTION

| PROJECT AND LOCATION  | ESTIMATED<br>CONSTRUCTION COST |
|---|--------------------------------|
| <b><u>ROADWAY PRESERVATION/SAFETY PROJECTS CONTINUED:</u></b> |                                |
| Annual Traffic Safety Program<br><b>MRM</b>                   | \$ 300,000                     |
| Annual Guardrail Program<br><b>JRS</b>                        | \$ 50,000                      |
| Annual Raised Pavement Marker Program<br><b>JRS</b>           | \$ 50,000                      |
| <b>Total 2024 Roadway Preservation/<br/>Safety Projects</b>   | <b>\$ 4,630,000</b>            |
| <br><b><u>ROADWAY MAINTENANCE PROJECTS:</u></b>               |                                |
| Annual Crack Seal Program - JSP                               | \$ 310,000                     |
| <b>Total 2024 Road Maintenance<br/>Projects</b>               | <b>\$ 310,000</b>              |

# PART III

## 2024

### COUNTY PROJECTS TO BE LET FOR CONSTRUCTION

| PROJECT AND LOCATION                            | ESTIMATED<br>CONSTRUCTION COST |
|---|--------------------------------|
| <b><u>CULVERT / DRAINAGE PROJECTS</u></b>       |                                |
| Annual County Drainage Program                  |                                |
| - Culvert Replacements:                         | \$ 150,000                     |
| - Storm Sewer Projects:                         | \$ 150,000                     |
| <b>BAZ</b>                                      |                                |
| <b>Total 2024 Culvert/Drainage<br/>Projects</b> | <b>\$ 300,000</b>              |
| <b>2024 Anticipated Construction</b>            | <b>\$ 12,700,000</b>           |

# PART IV

## CONSTRUCTION FORECAST FOR 2025

Let by County Engineer

| PROJECT NAME  | PROJECT MANAGER | PROJECT LET DATE | CURRENT ENGINEER ESTIMATE |
|---|-----------------|------------------|---------------------------|
| <b>Annual Thin Overlay Program</b><br>(5 miles)   | JSP             | 1Q2025           | \$ 1,200,000              |
| <b>Annual Drainage/Culvert Program</b>  | BAZ             | 1Q2025           | \$ 350,000                |
| <b>Annual Crack Seal Program</b>  | JSP             | 1Q2025           | \$ 315,000                |
| <b>Annual Traffic Safety Program</b>  | RLM             | 1Q2025           | \$ 300,000                |
| <b>Annual Guardrail Program</b>   | JRS             | 1Q2025           | \$ 50,000                 |
| <b>Annual Raised Pavement Marker Program</b>  | JRS             | 1Q2025           | \$ 50,000                 |
| <b>Annual Resurfacing Program</b>   | SLR             | 1Q2025           | \$ 2,500,000              |
| <b>Annual Bridge Repair Program</b><br>(Centennial Road Bridge No. 3085 Bridge Beam Painting, Perrysburg Holland Bridge No. 584 Wearing Surface and various other bridge repairs) | BAZ             | 1Q2025           | \$ 300,000                |
| <b>Nebraska Road Bridge #527 Replacement</b>  | BAZ             | 1Q2025           | \$ 300,000                |

# PART IV

## CONSTRUCTION FORECAST FOR 2025

Let by County Engineer

| PROJECT NAME  | PROJECT MANAGER | PROJECT LET DATE | CURRENT ENGINEER ESTIMATE |
|---|-----------------|------------------|---------------------------|
| <b>Monclova Road Widening (Jerome Road to Maumee City Limits)</b><br>PID 117850<br>(0.55 miles) | JSK             | 1Q2025           | \$ 2,650,000              |
| <b>Summit Street at Shoreland Drive Roundabout, PID 111415</b><br>(0.22 miles)                  | JRS             | 1Q2025           | \$ 1,150,000              |
| <b>Frankfort Road at Crissey Road Roundabout, PID 116617</b><br>(0.22 miles)                    | JSK             | 1Q2025           | \$ 1,200,000              |
| <b>Hill Avenue at McCord Road Roundabout, PID 115512</b><br>(0.36 miles)                        | MJP             | 1Q2025           | \$ 1,530,000              |
| <b>TOTAL</b>  |                 |                  | <b>\$ 11,895,000</b>      |



# PART IV

## CONSTRUCTION FORECAST FOR 2026

Let by County Engineer

| PROJECT NAME  | PROJECT MANAGER | PROJECT LET DATE | CURRENT ENGINEER ESTIMATE |
|---|-----------------|------------------|---------------------------|
| <b>Annual Thin Overlay Program</b><br>(7 miles)   | JSP             | 1Q2026           | \$ 900,000                |
| <b>Annual Drainage/Culvert Program</b>  | BAZ             | 1Q2026           | \$ 300,000                |
| <b>Annual Crack Seal Program</b>  | JSP             | 1Q2026           | \$ 325,000                |
| <b>Annual Traffic Safety Program</b>  | MRM             | 1Q2026           | \$ 300,000                |
| <b>Annual Guardrail Program</b>   | JRS             | 1Q2026           | \$ 50,000                 |
| <b>Annual Raised Pavement Marker Program</b>  | JRS             | 1Q2026           | \$ 50,000                 |
| <b>Annual Resurfacing Program</b>   | SLR             | 1Q2026           | \$ 2,500,000              |
| <b>Annual Bridge Repair Program</b>   | BAZ             | 1Q2026           | \$ 300,000                |
| <b>Prov Neap Swan Road at Archbold Whitehouse Road Roundabout (PID TBD)</b><br>(0.22 miles) | TBD             | 1Q2026           | \$ 900,000                |

# PART IV

## CONSTRUCTION FORECAST FOR 2026

Let by County Engineer

| PROJECT NAME  | PROJECT MANAGER | PROJECT LET DATE | CURRENT ENGINEER ESTIMATE |
|---|-----------------|------------------|---------------------------|
| <b>Wabash Cannonball North Fork Resurfacing (Fulton Lucas Road to Jerome Road)</b> (PID 117236)<br>(9.48 miles)                         | SLR             | 1Q2026           | \$ 925,000                |
| <b>Monclova Road at Wilkins Road Roundabout</b> (PID 116687)<br>(0.22 miles)  | JFK             | 1Q2026           | \$ 1,000,000              |
| <b>Monclova Roundabouts (Monclova Road at Albon Road and Monclova Road at Waterville Monclova Road)</b><br>(PID 117232)<br>(0.22 miles) | ATP/JSK         | 1Q2026           | \$ 1,890,000              |
| <b>TOTAL</b>  |                 |                  | <b>\$ 9,440,000</b>       |

# PART IV

## CONSTRUCTION FORECAST FOR 2027

Let by County Engineer

| PROJECT NAME                             | PROJECT MANAGER | PROJECT LET DATE | CURRENT ENGINEER ESTIMATE |
|--|-----------------|------------------|---------------------------|
| Annual Thin Overlay Program<br>(7 miles) | JSP             | 1Q2027           | \$ 900,000                |
| Annual Drainage/Culvert Program          | BAZ             | 1Q2027           | \$ 300,000                |
| Annual Crack Seal Program                | JSP             | 1Q2027           | \$ 340,000                |
| Annual Traffic Safety Program            | MRM             | 1Q2027           | \$ 300,000                |
| Annual Guardrail Program                 | JRS             | 1Q2027           | \$ 50,000                 |
| Annual Raised Pavement Marker Program    | JRS             | 1Q2027           | \$ 50,000                 |
| Annual Resurfacing Program               | SLR             | 1Q2027           | \$ 2,500,000              |
| Annual Bridge Repair Program             | BAZ             | 1Q2027           | \$ 300,000                |
| <b>Total</b>                             |                 |                  | <b>\$ 4,740,000</b>       |

# PART IV

## CONSTRUCTION FORECAST FOR 2028

Let by County Engineer

| PROJECT NAME                             | PROJECT MANAGER | PROJECT LET DATE | CURRENT ENGINEER ESTIMATE |
|--|-----------------|------------------|---------------------------|
| Annual Thin Overlay Program<br>(7 miles) | JSP             | 1Q2028           | \$ 900,000                |
| Annual Drainage/Culvert Program          | BAZ             | 1Q2028           | \$ 300,000                |
| Annual Crack Seal Program                | JSP             | 1Q2028           | \$ 350,000                |
| Annual Traffic Safety Program            | MRM             | 1Q2028           | \$ 300,000                |
| Annual Guardrail Program                 | JRS             | 1Q2028           | \$ 50,000                 |
| Annual Raised Pavement Marker Program    | JRS             | 1Q2028           | \$ 50,000                 |
| Annual Resurfacing Program               | SLR             | 1Q2028           | \$ 2,500,000              |
| Annual Bridge Repair Program             | BAZ             | 1Q2028           | \$ 300,000                |
| <b>Total</b>                             |                 |                  | <b>\$ 4,750,000</b>       |

# PART IV

## PROJECTS UNDER DESIGN OR TO BE INITIATED FOR DESIGN IN 2023 AND PROJECTS IN THE CAPITAL IMPROVEMENT PROGRAM UNDER CONSIDERATION FOR CONSTRUCTION IN 2025 AND BEYOND

| <u>PROJECT AND LOCATION</u>  | <u>ESTIMATED<br/>CONSTRUCTION COST</u> |
|--|--|
| <b><u>BRIDGE REPAIR AND REPLACEMENT PROJECTS (2025 - 2028):</u></b>  |  |
| <b>Annual Bridge Repair Program - BAZ</b><br>Perrysburg-Holland Road Bridge No. 584, Centennial Bridge No. 3085 Bridge Beam<br>Painting,<br>Others to be determined 2026, 2027, & 2028 | \$ 1,200,000                           |
| <b>Annual Bridge Replacement Projects - BAZ</b><br>Nebraska Road Bridge #527 Replacement   | \$ 300,000                             |
|  | <hr/>                                  |
| <b>Total Bridge Repair &amp;<br/>Replacement Projects</b>  | <b>\$ 1,500,000</b>                    |
| <br><b><u>MAJOR ROADWAY IMPROVEMENT PROJECTS (2025 - 2028):</u></b>  |  |
| Summit Street at Shoreland Drive Roundabout, PID 111415<br><b>0.22 miles – JRS</b>   | \$ 1,150,000                           |
| Hill at McCord Roundabout, PID 115512<br><b>0.36 miles – MJP</b>   | \$ 1,530,000                           |

# PART IV

## PROJECTS UNDER DESIGN OR TO BE INITIATED FOR DESIGN IN 2023 AND PROJECTS IN THE CAPITAL IMPROVEMENT PROGRAM UNDER CONSIDERATION FOR CONSTRUCTION IN 2025 AND BEYOND

| PROJECT AND LOCATION  | ESTIMATED<br>CONSTRUCTION COST |
|---|--------------------------------|
| <b>MAJOR ROADWAY IMPROVEMENT PROJECTS (2025 - 2028) CONTINUED:</b>                        |                                |
| Frankfort Road at Crissey Road Roundabout (PID 116617)<br><b>0.22 miles – JSK</b>         | \$ 1,200,000                   |
| Monclova Road at Wilkins Road Roundabout (PID 116687)<br><b>0.22 miles – JFK</b>          | \$ 1,000,000                   |
| Monclova Road Widening (PID 117850)<br><b>0.55 miles – JSK</b>                            | \$ 2,650,000                   |
| Wabash Cannonball North Fork resurfacing (PID 117236)<br><b>9.48 miles – SLR</b>          | \$ 925,000                     |
| Monclova Roundabouts (PID 117232)<br><b>0.22 miles – ATP/JSK</b>                          | \$ 1,890,000                   |
| Prov-Neap Swan Rd. at Archbold-Whitehouse Roundabout (PID TBD)<br><b>0.22 miles – TBD</b> | \$ 900,000                     |
| <b>Total Major Roadway<br/>Improvement Projects</b>                                       | <b>\$ 11,245,000</b>           |

# PART IV

## PROJECTS UNDER DESIGN OR TO BE INITIATED FOR DESIGN IN 2023 AND PROJECTS IN THE CAPITAL IMPROVEMENT PROGRAM UNDER CONSIDERATION FOR CONSTRUCTION IN 2025 AND BEYOND

| PROJECT AND LOCATION   | ESTIMATED<br>CONSTRUCTION COST |
|--|--------------------------------|
| <b><u>ROADWAY PRESERVATION/SAFETY PROJECTS (2025 - 2028):</u></b>  |                                |
| Annual Resurfacing Program (2025-2028) - TBD<br>Locations to be determined 2025, 2026, 2027, & 2028<br>TBD miles | \$ 10,000,000                  |
| 2025 Thin Overlay Program – JSP<br>9.00 miles – JSP  | \$ 1,200,000                   |
| Thin Overlay Program (2026-2028) - JSP<br>Locations to be determined 2026, 2027, & 2028                          | \$ 2,700,000                   |
| Annual Traffic Safety Program - MRM<br>Locations to be determined 2025, 2026, 2027, & 2028                       | \$ 1,200,000                   |
| Annual Guardrail Program - JRS<br>Locations to be determined 2025, 2026, 2027, & 2028                            | \$ 200,000                     |
| Annual Raised Pavement Marker Program - JRS<br>Locations to be determined 2025, 2026, 2027, & 2028               | \$ 200,000                     |
| <b>Total Roadway Preservation/<br/>Safety Projects</b>   | <b>\$ 15,500,000</b>           |

# PART IV

## PROJECTS UNDER DESIGN OR TO BE INITIATED FOR DESIGN IN 2023 AND PROJECTS IN THE CAPITAL IMPROVEMENT PROGRAM UNDER CONSIDERATION FOR CONSTRUCTION IN 2025 AND BEYOND

| <u>PROJECT AND LOCATION</u>  | <u>ESTIMATED<br/>CONSTRUCTION COST</u> |
|--|--|
| <b><u>ROADWAY MAINTENANCE PROJECTS (2025 - 2028):</u></b>            |  |
| Annual Crack Seal Program - JSP<br>TBD miles                         | \$ 1,330,000                           |
| <b><u>CULVERT / DRAINAGE PROJECTS (2025 - 2028):</u></b>             |  |
| Annual County Drainage Program -BAZ<br>- Locations to be determined: | \$ 1,250,000                           |
| <b>ANTICIPATED PROGRAM TOTAL 2025-2028</b>                           | <b>\$ 30,825,000</b>                   |



# 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 2022 completed projects along with forecasted projects for 2023 and 2024.

# 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 | AWARDED CONTRACTOR           | AWARDED AMOUNT       |
|---|-----------------|------------------|---------------------------|------------------------------|----------------------|
| Van Fleet Ditch; Two-Stage Ditch Improvement – Phase 1 & 2<br>(Monclova Township) | KPW             | 1/25/22          | \$ 1,063,000              | State Highway Clearing, LLC. | \$ 868,248.50        |
| <b>GRAND TOTAL</b>  |                 |                  | <b>\$ 1,063,000</b>       |                              | <b>\$ 868,248.50</b> |

# PART V

## STORM WATER UTILITY CONSTRUCTION FOR 2023

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

| PROJECT NAME  | PROJECT<br>MANAGER | PROJECT<br>LET DATE | CURRENT ENGINEER<br>ESTIMATE |
|---|--------------------|---------------------|------------------------------|
| 2023 Jerusalem Township Drainage  | KPW                | 2023                | \$50,000                     |
| 2023 Monclova Township Drainage   | KPW                | 2023                | \$90,000                     |
| 2023 Spencer Township Drainage  | KPW                | 2023                | \$50,000                     |
| 2023 Springfield Township Drainage  | KPW                | 2023                | \$90,000                     |
| 2023 Swanton Township Drainage  | KPW                | 2023                | \$50,000                     |
| 2023 Sylvania Township Drainage   | KPW                | 2023                | \$90,000                     |
| 2023 Washington Township Drainage<br>\$37,000 carryover from '22 funds for logjam removal | KPW                | 2023                | \$50,000                     |
| 2023 Waterville Township Drainage   | KPW                | 2023                | \$50,000                     |
| Ford Ditch Two-Stage Improvement<br>(Richfield Township)                                  | KPW                | 2023                | \$735,000                    |
| <b>TOTAL \$</b>   |                    |                     | <b>1,255,000</b>             |

# PART V

## STORM WATER UTILITY CONSTRUCTION FOR 2024

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

| PROJECT NAME                              | PROJECT<br>MANAGER | PROJECT<br>LET DATE | CURRENT ENGINEER<br>ESTIMATE |
|---|--------------------|---------------------|------------------------------|
| 2024 Jerusalem Township Drainage          | KPW                | 2024                | \$50,000                     |
| 2024 Monclova Township Drainage           | KPW                | 2024                | \$90,000                     |
| 2024 Spencer Township Drainage            | KPW                | 2024                | \$50,000                     |
| 2024 Springfield Township Drainage        | KPW                | 2024                | \$90,000                     |
| 2024 Swanton Township Drainage            | KPW                | 2024                | \$50,000                     |
| 2024 Sylvania Township Drainage           | KPW                | 2024                | \$90,000                     |
| 2024 Washington Township Drainage         | KPW                | 2024                | \$50,000                     |
| 2024 Waterville Township Drainage         | KPW                | 2024                | \$50,000                     |
| Bench-Hagerman Ditch Drainage Improvement | KPW                | 2024                | TBD                          |
| Schmitz Ditch Drainage Improvement        | KPW                | 2024                | TBD                          |
| <b>TOTAL</b>                              |                    |                     | <b>\$ 520,000</b>            |