

THE OFFICE OF LUCAS COUNTY ENGINEER

ANNUAL REPORT TO TOWNSHIPS

JANUARY 23, 2020

- PART 1: TOWNSHIP ROAD SYSTEM**
STATUS OF PROJECTS WITH COUNTY ENGINEER'S OFFICE ASSISTANCE,
SUMMARY OF 2019 PROJECTS BID, AND 2020, 2021 AND BEYOND
CONSTRUCTION FORECAST OF PROJECTS TO BE BID.
- PART 2: COUNTY ROAD SYSTEM**
SUMMARY OF PROJECTS BID AND PERMITS ISSUED IN 2019, AND
2020 AND 2021 AND BEYOND CONSTRUCTION FORECAST OF
PROJECTS TO BE BID.
- PART 3: STORM WATER UTILITY**
SUMMARY OF PROJECTS BID IN 2019, AND 2020, 2021 AND BEYOND
CONSTRUCTION FORECAST OF PROJECTS TO BE BID.

PART 1

CURRENT TOWNSHIP ROAD SYSTEM PROJECTS WITH ASSISTANCE FROM THE OFFICE OF THE LUCAS COUNTY ENGINEER

SUMMARY

	<u>No. of Projects</u>	<u>Construction Costs</u>
PROJECTS:		
SUB-TOTAL 2019 PROJECTS BID & TWP AWARDED:	7	\$3,373,023
SUB-TOTAL 2019 PROJECTS BID & AWARDED BY LCE:	4	\$1,184,959
SUB-TOTAL 2019 PROJECTS BY LCE CREWS FOR TWP:	6	\$29,718
SUB-TOTAL 2019 PROJECTS STORMWATER AWARDED:	22	\$2,948,888
SUB-TOTAL 2019 PROJECTS STORMWATER-TWP FORCES:	2	\$46,651

Comparison of past projects bid and awarded:

1993 thru 2008 a total of 211 Projects at \$30,796,894.

2009- 11 Projects \$2,598,150	2014- 10 Projects \$2,980,905
2010- 15 Projects \$2,369,513	2015- 11 Projects \$2,365,599
2011- 13 Projects \$2,504,906	2016- 16 Projects \$3,210,929
2012- 12 Projects \$2,770,010	2017- 15 Projects \$3,628,295
2013 - 11 Projects \$2,648,362	2018- 11 Projects \$2,779,134

Comparison of past Storm Water Utility projects bid and awarded:

2012- 25 Projects \$453,040	2016- 23 Projects \$833,614
2013- 16 Projects \$602,156	2017- 20 Projects \$1,071,773
2014- 30 Projects \$814,981	2018- 17 Projects \$918,587
2015- 17 Projects \$907,208	

- Anticipated projects to be bid in 2020 by Twp.....	9	\$5,686,338
- Anticipated projects to be bid in 2020 by LCE.....	2	\$1,362,594
- Anticipated Storm Water Utility projects for bid 2020.....	14	\$1,927,720
- Project plans underway in 2019 for 2021 or Beyond Construction.....	7	\$5,135,800
- Storm Water Utility project plans underway in 2019 for 2021 or Beyond Construction.....	9	\$950,000
- Projects on hold/ Awaiting Direction.....	4	\$1,221,525
- Storm Water Utility Projects on hold/ Awaiting Direction..	6	<u>\$730,780</u>

2019 Total number of Township Projects with the Office of Lucas County Engineer involvement **92 \$24,597,996**

CURRENT TOWNSHIP ROAD SYSTEM PROJECTS WITH ASSISTANCE FROM THE OFFICE OF THE LUCAS COUNTY ENGINEER

SUMMARY

	<u>No. of Projects</u>	<u>Construction Costs</u>
POTENTIAL PROJECTS:		
- SWU Township Projects being investigated	1	UNKNOWN
- SWU Township Projects waiting for ditch petitions	4	UNKNOWN
- Township Road Projects waiting being investigated	4	UNKNOWN
 PERMITS		
- Permits for Township Roads issued by Lucas County Engineer on behalf of the Townships	506	
 TRAFFIC STUDIES		
- 2019 Studies completed	1	
- 2020 Studies to be completed	1	

PROJECT DESCRIPTION	LENGTH (mi.)	2019 WORK STATUS BY LUCAS COUNTY ENGINEER'S OFFICE	CONSTRUCTION COST (A) = ACTUAL (B) = BID (E) = ESTIMATED
HARDING TOWNSHIP			
Raab Road and Shaffer Road	0.77	OPWC app prepared and approved, joint with LCE (Shaffer Road). Raab designed, bid & built in 2018. Shaffer anticipated 2Q19bid (\$160,700).	(A) \$97,310 (A) \$97,882
Raab Road Resurfacing & Drainage Improvement	0.49	Resurfacing from 1/2 mi. south of Angola to Angola Road. Enclose 360' on east side of the road. OPWC app prepared and approved. Anticipate 2Q2021 sale.	(E) \$278,000
Pavement markings (paint) for Township Roads Processed 6 permits on behalf of the Township Processed 0 floodplain permits in the Township	----	Work completed by LCE crews.	(A) \$1,184
JERUSALEM TOWNSHIP			
Culvert Improvements Various Roads Storm Water Utility Project	----	Township sent out for quotes, awarded to Burkhardt & Sons Exc.	(A) \$9,742
Bono Road	0.57	FLAP app prepared & approved for double chip seal & pav't repairs. Jt. project with ODNR & US Fish & Wildlife to include Metzger Marsh Road (1.21 mi, \$103,862), Boat Ramp area (\$23,561), & Trail parking lot (\$45,571). Awarded to Henry W. Bergman, Inc.	(A) \$37,158
2019 Chip Seal Program First Street, Second Street, Grant, Greenwood Ave, Platt, Reynolds, Stange, Walter Ave, Water, Bayfield, Donovan, Standart, Yoder and Turnau	3.09	Plans, Estimate, and bid documents provided to Township. Awarded to Henry W. Bergman, Inc.	(B) \$92,176
2020 Chip Seal Program Howard Rd. Pavilion Rd, Beachview Rd, Temple Rd, Clubhouse Blvd, Lakemore Rd, Waterway Rd, Northway Rd, Coffee Rd, Lakepark Rd, Lakeway Dr, Henry Rd	5.05	Chip seal and fog seal plans, estimate, and bid documents to be provided to Township.	(E) \$148,500

PROJECT DESCRIPTION	LENGTH (mi.)	2019 WORK STATUS BY LUCAS COUNTY ENGINEER'S OFFICE	CONSTRUCTION COST (A) = ACTUAL (B) = BID (E) = ESTIMATED
Storm Water Management	----	Continued GIS storm sewer entries, distribute info & collect data for completing & submitting annual report to EPA. Working on required 5 year storm water management plan. Need drainage project list and petition ditch improvements from Township for 2020 & beyond construction.	
2020 Drainage Improvements by Township & Beyond Storm Water Utility Project	----	To be determined for 2020 construction. Anchor Point Pump, East Ave drainage	\$75,000 (E)
Brown Road at Turnau	----	Survey Ordered. To bid in 2020.	\$70,000 (E)
Decant at Cedar Point Rd to North Section 27 Ditch	----	Plans underway, need discuss with Township for further direction. Ditch needs to be petitioned.	
Wihelm Ditch Cleaning	----	Township needs to petition ditch. Until petitioned, project ON HOLD .	
Howard Farms/ Bono Pumps Storm Water Utility Project	----	Excel Fluid Group, LLC Industrial Motor Services Geo. Gradel	\$18,695 (A) \$3,496 (A) \$2,510 (A)
CB and Conduit Repair Marais/La Fontaine Storm Water Utility Project	----	Burkhart & Sons, Inc.	\$4,500 (A)
Corduroy Rd & La Fontaine Dr Speed Studies	----	Study to completed in 2020.	
Processed 9 permits on behalf of the Township. Processed 9 floodplain permits in the Township			
MONCLOVA TOWNSHIP 2019 OPWC Resurfacing Project Stonegate Dr, Stonewater, Hunters Chase, Lock Mill, Pebble Ct, Wood Creek, Bridge Way, Coach House, Cottage Gate, English Gardens, N. Bridge Way, S. Bridge Way, Lose Rd.	1.40	Milling & resurfacing project. OPWC app prepared and approved. Jt. Project with LCE (Stitt Road). Designed, Bid & Built in 2019. Bowers Asphalt and Paving, Inc.	\$1,029,055 (B)

PROJECT DESCRIPTION	LENGTH (mi.)	2019 WORK STATUS BY LUCAS COUNTY ENGINEER'S OFFICE	CONSTRUCTION COST (A) = ACTUAL (B) = BID (E) = ESTIMATED
2019 Crack Seal Program	7.08	List provided by Twp. Include in 2019 LCE project.	\$55,600 (B)
2019 Microsurfacing Project Keener Road	1.52	Project dropped. Pavement repairs constructed.	----
2020 OPWC Resurfacing Project Crossroad Ct, Chip Shot Ln, Iron Ct, Old Range Dr, Putters Place, Royal Timbers Ln, Sand Wedge Ct, Timbers Blvd, Timbers Green, Tournament Dr, Waterside Ct, Wood Dr, Wheatstone Ct, Weatherfield, Canterbury Ridge Rd, Lexington Glen Blvd, Matthew Cr, Shetland Meadow Land	2.34	Milling & resurfacing project. OPWC app prepared and approved. Anticipate 3Q2020 sale. Jt. Project with LCE (Angola Road).	\$1,192,500 (E)
2021 OPWC Resurfacing Project Coder Rd, Bridle Dr, Cattlemans Cr, East Pasture Ln, Harvester Rd, Herdmans Cr, Joannes Way, Marissa Ct, Prairie Creek Ln, Ranchers Cr, Rolling Meadow Ln, Springview Dr, Stable Path Dr	2.34	Milling & resurfacing project. OPWC app prepared and approved. Anticipate 1Q2021 sale. Jt. Project with LCE Dutch Road).	\$1,122,000 (E)
Holloway Road & Salisbury Road Roundabout	0.12	STBG application prepared, submitted and funded for bidding in 1Q24. Township will cover approx. 67% of the construction. OPWC application will need to be submitted in Nov. 2021.	\$1,086,140 (E)
Milewski Ditch Cleanout Storm Water Utility Project	----	Survey ordered, owners contacted, major tree issues, opposition, ON HOLD, Ditch should be petitioned	\$76,000 (E)
Zaleski Ditch Cleaning Storm Water Utility Project	----	Crissey Rd to Ohio Turnpike. Petitioned Ditch. Kyle J. Sherman Exc.	\$136,158 (A)
Zaleski Ditch Cleaning Additional Work Storm Water Utility Project	----	T & J Exc. & Tree Clearing Dick Helminiak & Sons	\$1,800 (A) \$13,020 (A)
Ramm Road Drainage Project Storm Water Utility Project	----	Plans underway. To be bid in 2021.	\$280,000 (E)
Coder Road Drainage Improvement Storm Water Utility Project	----	Twp bid in Jan. 2019. Jim Palmer Excavation, Inc.	\$23,335 (B)

PROJECT DESCRIPTION	LENGTH (mi.)	2019 WORK STATUS BY LUCAS COUNTY ENGINEER'S OFFICE	CONSTRUCTION COST (A) = ACTUAL (B) = BID (E) = ESTIMATED
Coder Road Culvert #685 Storm Water Utility Project	----	Twp bid in Oct. 2019. Geo Gradel Co.	\$76,803 (B)
Whitehouse-Spencer Road Drainage Improvement Storm Water Utility Project	----	Plans underway. Need to discuss with Township. ON HOLD	\$350,000 (E)
2020 Drainage Improvements by Township & Beyond Storm Water Utility Project	----	To be determined for 2020 construction.	\$50,000 (E)
Morrison Ditch Drainage Improvement Storm Water Utility Project	----	Anticipated 2020 sale.	\$200,000 (E)
Storm Water Management	----	Continued GIS storm sewer entries, distribute info & collect data for completing & submitting annual report to EPA. Working on required 5 year storm water management plan. Need drainage project list and petition ditch improvements from Township for 2020 & beyond construction.	-----
Pavement markings (paint) for Township Roads	----	Work completed by LCE crews.	\$14,204 (A)
Wabash Cannonball Trail, South Fork Extension to N. Jerome Road Through Enclave	----	Investigate ODNR Clean Ohio Trails Fund Grant application, Need Township direction.	-----
Processed 108 permits on behalf of the Township. Processed 11 floodplain permits in the Township			
PROVIDENCE TOWNSHIP			
Jeffers Road storm sewer 7148 to 7325 addresses.	0.10	Project to be removed from list, now a County road.	-----
Chip Seal Project Processed 17 permits on behalf of the Township. Processed 0 floodplain permits in the Township	----	Requested estimate for 5.2 miles of roads, AWAITING DIRECTION.	\$60,000 (E)

PROJECT DESCRIPTION	LENGTH (mi.)	2019 WORK STATUS BY LUCAS COUNTY ENGINEER'S OFFICE	CONSTRUCTION COST (A) = ACTUAL (B) = BID (E) = ESTIMATED
RICHFIELD TOWNSHIP			
Kilburn Road paved berms, resurfacing, shoulders & drainage (Central Ave to Sylvania-Metamora Road)	3.00	Project split into 3 phases. TMACOG Transportation Alternative funds: \$1,653,600 (Construction FY 2021/2022/2023) & \$208,000 ROW. ROW plans approved; ROW acquisition underway. OPWC approved for Phase 1 in 2020-awarded to Vernon Nagal. OPWC app prepared & funded for Phase 2 in 2021. OPWC app to be prepared and submitted for Phase 3 in Nov. 2020 for funding in 2022.	(B) \$994,319 (E) \$1,098,669 (E) \$1,051,660
Miller Road	----	Langenderfer Road to curve resurfacing; OPWC app prepared; Twp decided not to proceed with resurfacing. Will provide the Township with other preservation options.	----
Pavement markings (paint) for Township Roads	----	Work completed by LCE crews.	(A) \$3,483
Processed 13 permits on behalf of the Township			
Processed 0 floodplain permits in the Township			
SPENCER TOWNSHIP			
Raab Rd, Whitehouse Spencer Rd & Meilke Rd	1.80	OPWC app prepared & approved. Jt. OPWC Project w/ LCE (Raab Rd Bridge #264). Anticipated 1Q2020 bid.	(E) \$754,025
2020 Spencer Twp OPWC Project Degenfelder Rd, Hill Ave (Meilke Rd to Angola Rd), and Eber Rd (south of Angola)	1.20	OPWC app prepared & approved. Jt. OPWC Project w/ LCE (Hill Ave). Anticipated 2Q2020 bid.	(E) \$520,000
Spencer Twp Fire Station Parking Lot	----	Estimates & options prepared. ON HOLD. AWAITING TWP DIRECTION	----
Drennen Ditch Cleanout	----	Survey work completed. Received 49 out of 50 Right of Entries. TASD cleared portions of the ditch. Twp will bid cleaning & remaining clearing. Currently petitioning project. Grant for \$200,000 has been obtained. Plan & bid documents will be needed for 4Q2020 construction.	(E) \$320,000
2020 Drainage Improvements by Township & Beyond Storm Water Utility Project	----	To be determined for 2020 construction.	(E) \$50,000

PROJECT DESCRIPTION	LENGTH (mi.)	2019 WORK STATUS BY LUCAS COUNTY ENGINEER'S OFFICE	CONSTRUCTION COST (A) = ACTUAL (B) = BID (E) = ESTIMATED
Storm Water Management	----	Continued GIS storm sewer entries, distribute info & collect data for completing & submitting annual report to EPA. Working on required 5 year storm water management plan. Need drainage project list and petition ditch improvements from Township for 2020 & beyond construction.	----
Angola Rd (W) to Crissey Rd Roundabout	----	Preliminary plans and final ROW plan complete by LCEO. Documents sent to Township. ON HOLD	----
Processed 11 permits on behalf of the Township			
Processed 0 floodplain permits in the Township			
SPRINGFIELD TOWNSHIP			
2019 OPWC Improvement Project- Lincoln Green Sub. Cheswick Ct, Cheswick Rd, Danesmoor Ct, Danesmoor Rd, Dorcas Rd, Harefoote St, Lincoln Green Rd, Shrewsbury Dr	1.10	OPWC app prepared & approved; Jt. OPWC Project w/ LCSE (Waterline on Lincoln Green). Anticipated 1Q2019 bid.	\$510,743 (B)
2020 OPWC Improvement Project Spring Meadows West, Pilliod Rd, Bromford Rd, Kellerston Rd, Longport Rd, Kingston Dr, Hollis, Sherborn Dr, Sudbury Dr, Geiser Rd	3.20	OPWC app prepared & approved; Jt. OPWC Project w/ LCE (Garden Rd & Perrysburg Holland Intersection). Anticipated 1Q2020 bid. (Includes SWU work)	\$1,478,313 (E)
Lincoln Green Curb Ramp Upgrades	----	CDBG grant awarded. DL Smith Concrete, LLC awarded. To be constructed in 2020.	\$54,305 (E)
2021 OPWC Improvement Project Salisbury Rd, Abbotswood Dr, Bromwich Ln, Burnham Green Rd, Danesmoor Rd, Derbyshire Ct, Derbyshire Rd, Dorcas Rd, Friars Ln	2.29	OPWC app prepared & approved; Jt. OPWC Project w/ LCE (Hill Ave). Anticipated 1Q2021 bid.	\$839,500 (E)
Fire Station #3 Parking Lot	----	Estimates provided to Twp. AWAITING DIRECTION to proceed.	\$211,525 (E)

PROJECT DESCRIPTION	LENGTH (mi.)	2019 WORK STATUS BY LUCAS COUNTY ENGINEER'S OFFICE	CONSTRUCTION COST (A) = ACTUAL (B) = BID (E) = ESTIMATED
Storm Water Management	----	Continued GIS storm sewer entries, distribute info & collect data for completing & submitting annual report to EPA. Working on required 5 year storm water management plan. Need drainage project list and petition ditch improvements from Township for 2020 & beyond construction.	
Miscellaneous work by Twp Crews Storm Water Utility Project	----	Storm Water Projects by Twp Forces	\$10,633 (A)
Wolf Creek Log Jams Storm Water Utility Project	----	Wyandotte Blvd. W.: Crestline Paving Wyandotte Blvd. E.: Crestline Paving	\$7,465 (A) \$6,915 (A)
Cairl Ditch Log Jam, Wexford Subdivision Storm Water Utility Project	----	Crestline Paving	\$6,800 (A)
Butler Ditch Log Jam Removal Storm Water Utility Project	----	Crestline Paving	\$2,385 (A)
Curwood Storm Sewer Replacement Storm Water Utility Project	----	Cash Services LLC	\$7,454 (A)
Heldman Ditch Cleaning through Plum Grove Subd. Storm Water Utility Project	----	Ohio Excavation and Sewer Contractors	\$14,825 (A)
Old Airport Highway Storm Sewer Replacement Storm Water Utility Project	----	Kyle J. Sherman Exc. LLC	\$17,280 (A)
Peter May Ditch Improvement Storm Water Utility Project	----	At Layer Road. Ditch Petitioned. Tap Construction	\$49,369 (A)
Geiser Road Drainage Improvements Storm Water Utility Project	----	B Hill'z	\$123,670 (B)
Harvest Ditch Maintenance Storm Water Utility Project	----	Blanchard Tree & Lawn	\$5,575 (A)
Sherborn & Sudbury Drainage Improvements Storm Water Utility Project	----	Included with the 2020 OPWC Resurfacing project.	\$27,370 (E)

PROJECT DESCRIPTION	LENGTH (mi.)	2019 WORK STATUS BY LUCAS COUNTY ENGINEER'S OFFICE	CONSTRUCTION COST (A) = ACTUAL (B) = BID (E) = ESTIMATED
Potter Ditch Drainage Improvement Storm Water Utility Project	----	Dorr Street-Dorr Street. To Bid 4Q2020	\$90,000 (E)
Heldman Ditch Drainage Improvement Storm Water Utility Project	----	King Rd to Plum Grove Subd. Will need to petition improvement. Anticipated to build in 2020 or 2021 \$300,000 Grant has been obtained.	\$680,350 (E)
2020 Drainage Improvements by Township Storm Water Utility Project	----	To be determined for 2020 construction.	\$100,000 (E)
Roseanna Dr. Drainage Improvement Storm Water Utility Project	----	South St. to Hill Ave. Survey Ordered. ON HOLD.	\$240,000 (E)
Wildwood Enviro Academy Traffic Investigation	----	Findings reported to Township staff.	-----
Pavement markings (paint) for Township Roads	----	Work completed by LCE Crews	\$3,638 (A)
Processed 103 permits on behalf of the Township Processed 4 floodplain permits in the Township			-----
SWANTON TOWNSHIP			
Jeffers Road Culvert #476	----	OPWC app funded. Anticipated 3Q2019 sale.	\$62,238 (B)
Devault Drive Turnaround & Resurfacing	0.16	Estimate & OPWC app prepared but not submitted by Twp. ON HOLD	\$180,000 (E)
Block Watch Program Signs	----	Signs fabricated. To be installed in 2019.	-----
Processed 15 permits on behalf of the Township Processed 0 floodplain permits in the Township	----		-----

PROJECT DESCRIPTION	LENGTH (mi.)	2019 WORK STATUS BY LUCAS COUNTY ENGINEER'S OFFICE	CONSTRUCTION COST (A) = ACTUAL (B) = BID (E) = ESTIMATED
SYLVANIA TOWNSHIP			
Township Parking Lot Resurfacing		Designed and bid in 2018, to be built in 2019.	(A) \$92,672
2019 OPWC Road Improvement Project~ Wolfinger Rd, Regents Park Blvd, Manoa Ln, McKivett Ln, Stonebridge Ln, Ronaldo Rd, St. Charles Rd	1.29	Wolfinger Rd reclamation; resurfacing all other roads OPWC app prepared & approved; Jt. OPWC Project w/ LCE (Whiteford Rd)(to include SWU work) Bowers Asphalt & Paving, Inc.	(B) \$1,070,383
2019 Resurfacing Project Stonybrook Village Plat 1 & 3 (Stonybrook Blvd, Sycamore Trail, Timber View Ct, Poplar Ct), Kings Hollow Plat 1&2 (Hollow Creek Dr, Kings Hollow, Castle Ridge Rd, Lost Creek Dr), Goodhue Dr, Zone Ave, Millicent Ave, Cason Ave	2.71	Resurfacing project. Bid in 2019 with a July 1, 2020 completion date. Bowers Asphalt & Paving, Inc.	(B) \$554,124
2019 Crack Seal Program	6.64	List provided by Twp. Included in 2019 LCE project. Removed from the re-bid project.	----
2020 OPWC Road Improvement Project~ Standing Timbers Ln, Standing Timbers Ct, Larkhaven, Cavendish, Gilhouse Rd, Fredelia Dr, Dogwood Ln, Rega Dr, Friedly Dr, Herman Pl, Holt Rd	2.64	Holt Road scarification & widening; resurfacing all other roads OPWC app prepared & approved; Jt. OPWC Project w/ LCE (Laskey & Flanders intersection) (to include SWU work) Anticipate 1Q2020 bid. Split into 2 phases.	(E) \$1,038,000
2020 Resurfacing Project Artwell Rd, Hyssop Ave, Janet (Whiteford to the west), Calvin Ave, Estess Ave	1.24	Resurfacing project. Anticipate 2Q2020 bid.	(E) \$235,000
2021 OPWC Road Improvement Project~ Corey Road and Springbrook Drive	2.64	Milling and resurfacing. OPWC app prepared & approved; Jt. OPWC Project w/ LCE (King Road) and City of Toledo (Corey Road) Anticipate 1Q2021 bid.	(E) \$758,500
2021 Resurfacing Project Deer Point Subdivision (Plat 1-3), Forest Lawn, Wind River Dr, Dovewood Ln, Wimbleton Park Blvd, Britania Ct, Farmington, Northbrook, Sturbridge, Cross Fields, Fox Hill Ln	----	Resurfacing project. Estimate will be provided to Twp at later date.	----
Pavement markings for Township Roads.	----	Work completed by LCE Crews	(A) \$6,257

PROJECT DESCRIPTION	LENGTH (mi.)	2019 WORK STATUS BY LUCAS COUNTY ENGINEER'S OFFICE	CONSTRUCTION COST (A) = ACTUAL (B) = BID (E) = ESTIMATED
Storm Water Management	----	Continued GIS storm sewer entries, distribute info & collect data for completing & submitting annual report to EPA. Working on required 5 year storm water management plan. Need drainage project list and petition ditch improvements from Township for 2020 & beyond construction.	
Willow Bend, Eisenbraum Ditch, Sherwood Forest Manor Drainage Work Storm Water Utility Project	----	Work done by Township crews, reimbursed by SWU	\$36,019 (A)
Ten Mile Creek Log Jams Storm Water Utility Project	----	Holt Rd. G6 Infrastructure	\$7,485 (B)
Smith Ditch Improvement Storm Water Utility Project	0.50	Hanks Plumbing & Heating	\$188,647 (B)
Ten Mile Creek Drainage Improvement Storm Water Utility Project	1.80	Cleaning of Ten Mile Creek. E.R. Zeiler Excavation Inc.	\$1,891,356 (B)
Bancroft Woods & Wolfinger Road Drainage Storm Water Utility Project		Included with the 2019 OPWC Road Improvement project. Bowers Asphalt & Paving, Inc.	\$299,545 (B)
Friedly, Rega & Herman & Holt Rd Drainage Storm Water Utility Project	----	To be included with the 2020 OPWC Resurfacing project. Anticipate 1Q2020 bid.	\$200,000 (E)
J. Cunningham Ditch Improvement Storm Water Utility Project	----	Anticipated 2020 bid.	\$215,000 (E)
Lathrop Place Drainage Improvement Storm Water Utility Project	----	Options need to be explored. Anticipated 2021 bid or beyond.	\$200,000 (E)
2020 Drainage Improvements by Township & Beyond Storm Water Utility Project	----	To be determined for 2020 construction & beyond.	\$50,000 (E)
Murnen Ditch Improvement Storm Water Utility Project	----	Indian Ridge to City of Toledo. Plans complete. ON HOLD. 3 out of 5 property owners do not want project. Ditch needs to be petitioned.	\$60,000 (E)

PROJECT DESCRIPTION	LENGTH (mi.)	2019 WORK STATUS BY LUCAS COUNTY ENGINEER'S OFFICE	CONSTRUCTION COST (A) = ACTUAL (B) = BID (E) = ESTIMATED
<p>Processed 159 permits on behalf of the Township Processed 6 floodplain permits in the Township</p> <p>WASHINGTON TOWNSHIP</p> <p>Fuller's Creekside Glens Plat 1 Vistamar Rd, Viramar Rd, Brendamar Rd, Terramar Rd, Villamar Rd</p> <p>Storm Water Management</p> <p>Vistamar and Brendamar Storm Sewer</p> <p>Shoreland Ave, 6" Storm Sewer Repair Storm Water Utility Project</p> <p>Shoreland Pump Petition Storm Water Utility Project</p> <p>2020 Drainage Improvements by Township & Beyond Storm Water Utility Project</p> <p>Processed 10 permits on behalf of the Township Processed 3 floodplain permits in the Township</p>	<p>----</p> <p>1.30</p> <p>----</p> <p>----</p> <p>----</p> <p>----</p> <p>----</p> <p>----</p>	<p>-----</p> <p>Option 1: Resurfacing, curb repairs, curb ramp upgrades & other related work. OPWC Application assembled, not submitted- ON HOLD</p> <p>Option 2: Resurfacing, curb replacement, curb ramp upgrades & other related work. OPWC Application assembled, not submitted- ON HOLD</p> <p>Continued GIS storm sewer entries, distribute info & collect data for completing & submitting annual report to EPA. Working on required 5 year storm water management plan. Need drainage project list and petition ditch improvements from Township for 2020 & beyond construction.</p> <p>Review and develop scope of work.</p> <p>ON HOLD. Repair when lake water is down.</p> <p>Awarded to GEM, Inc.</p> <p>To be determined for 2020 construction.</p>	<p>-----</p> <p>\$455,000 (E)</p> <p>\$770,000 (E)</p> <p>-----</p> <p>\$4,780 (E)</p> <p>\$37,230 (B)</p> <p>\$70,000 (E)</p> <p>-----</p>

PROJECT DESCRIPTION	LENGTH (mi.)	2019 WORK STATUS BY LUCAS COUNTY ENGINEER'S OFFICE	CONSTRUCTION COST (A) = ACTUAL (B) = BID (E) = ESTIMATED
WATERVILLE TOWNSHIP			
Bucher Road Resurfacing	1.85	OPWC app prepared & approved, Village of Whitehouse submitted app. Anticipated 2Q2020 bid. County is involved with this project due to recent road maintenance changes.	\$263,925 (E)
Storm Water Management	----	Continued GIS storm sewer entries, distribute info & collect data for completing & submitting annual report to EPA. Working on required 5 year storm water management plan. Need drainage project list and petition ditch improvements from Township for 2020 & beyond construction.	
2020 Drainage Improvements by Township & Beyond Storm Water Utility Project	----	To be determined for 2020 construction.	\$50,000 (E)
Janelynn Dr. Drainage Improvement Storm Water Utility Project	----	Survey is in. Anticipated 2021 project.	\$60,000 (E)
Pavement markings (paint) for Township Roads	----	Work completed by LCE Crews	\$953 (A)
Processed 24 permits on behalf of the Township Processed 1 floodplain permits in the Township	----		

TOWNSHIP CONSTRUCTION FORECAST FOR 2019

Bid by Township or County – Design and Inspection 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	LET 4/11/2019	\$ 58,300	S.A. Sidle Construction	\$ 55,600.00
Bono Road Chip Seal Project Bid by LCE (Jerusalem Township)	SLR	LET 4/11/2019	\$ 39,960	Henry W. Bergman, Inc.	\$ 38,118.00
2019 Chip Seal Project (First Street, Second Street, Grant, Greenwood Ave, Platt, Reynolds, Stange, WALTERAve, Water, Bayfield, Donovan, Standart, Yoder and Turnau) (Jerusalem Township)	SLR	LET 4/15/2019	\$ 115,734	Henry W. Bergman, Inc.	\$ 92,176.00
Shaffer Road Resurfacing Project Bid w/ LCE (Harding Township)	JML	LET 5/9/2019	\$ 118,361	Gerken Paving, Inc.	\$ 106,998.38
2019 OPWC Road Improvement (Lincoln Green Subdivision: Cheswick Ct, Cheswick Rd, Danesmoor Ct, Danesmoor Rd, Dorcas Rd, Harefoote St, Lincoln Green Rd, Shrewsbury Dr) (Springfield Township)	SLR	LET 5/14/2019	\$ 559,368	Cash Services, LLC	\$ 510,743.00
2019 OPWC Road Improvement (Wolfinger Rd, Regents Park Blvd, Manoa Ln, McKivett Ln, Stonebridge Ln, Ronaldo Rd, St Charles Rd) (Sylvania Township)	SLR	LET 6/25/2019	\$ 1,176,617	Bowers Asphalt & Paving	\$ 1,070,383.40
Jeffers Road Culvert #476 (Swanton Township)	PMO	LET 6/27/2019	\$ 67,767	ER Zeiler Excavating, Inc.	\$ 62,237.80

TOWNSHIP CONSTRUCTION FORECAST FOR 2019

To be bid by Township or County – Design and Inspection by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
2019 Resurfacing Project (Stonegate Dr, Stonewater, Hunter Chase, Lock Mill, Pebble Ct, Wood Creek, Bridge Way, Coach House, Cottage Gate, English Gardens, N. Bridge Way, S. Bridge Way, Lose Rd) (Monclova Township)	SLR	LET 8/1/2019	\$ 1,134,058	Bowers Asphalt & Paving	\$ 1,029,054.87
2019 Resurfacing Project (Stoneybrook Village Plat 1 & 3: Stoneybrook Blvd, Sycamore Trail, Timber View Ct, Poplar Ct; KingsHollow Plat 1 & 2; Goodhue Dr, Zone Ave, Millicent Ave, Cason Ave) (Sylvania Township)	SLR	LET 8/1/2019	\$ 596,097	Bowers Asphalt & Paving	\$ 554,123.60
Lincoln Green Curb Ramp Upgrades (Springfield Township)	SLR	LET 8/29/2019	\$ 66,503	D.L. Smith Concrete, LLC	\$ 54,305.20
Kilburn Rd Phase 1 Resurfacing & Shoulder Improvement, PID #98999 Bid by LCE (Richfield Township)	KPW	LET 12/5/2019	\$ 1,198,001	Vernon Nagel, Inc.	\$ 994,319.09
Raab Rd, Whitehouse Spencer Rd & Meilke Rd Improvement Project (Spencer Township)	SLR	Moved to 2020 Sale			
Drennen Ditch Cleanup (Spencer Township)	BWM	Moved to 2020 Sale			
TOTALS			\$5,130,766.00		\$4,568,059.34

TOWNSHIP CONSTRUCTION FORECAST FOR 2020

To be bid by Township or County – Design and Inspection by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
Raab Rd, Whitehouse Spencer Rd & Meilke Rd Improvement Project (Spencer Township)	KPW/SLR	1Q2020	\$ 754,025		
2020 OPWC Road Improvement Project (Spring Meadows West, Pilliod Rd, Bromford Rd, Kellerston Rd, Longport Rd, Kingston Dr, Hollis, Sherborn Dr, Sudbury Dr, Geiser Rd) (Springfield Township)	SLR	1Q2020	\$ 1,478,313		
2020 OPWC Road Improvement Project, Phase 1 (Rega Dr, Friedly Dr, Herman Pl, Holt Rd) (Sylvania Township)	ATP/SLR	1Q2020	\$ 590,800		
2020 OPWC Road Improvement Project, Phase 2 (Standing Timbers Ln, Standing Timbers Ct, Larkhaven, Cavendish, Gilhouse Rd, Fredelia Dr, Dogwood Ln) (Sylvania Township)	ATP	1Q2020	\$ 447,200		
2020 Chip Seal Project (Howard Rd, Pavilion Rd, Beachview Rd, Temple Rd, Clubhouse Blvd, Lakemore Rd, Waterway Rd, Northway Rd, Coffee Rd, Lakepark Rd, Lakeway Dr, Henry Rd) (Jerusalem Township)	SLR	2Q2020	\$ 148,500		
Bucher Road Bid by LCE (Waterville Township)	SLR	2Q2020	\$ 263,925		

TOWNSHIP CONSTRUCTION FORECAST FOR 2020

To be bid by Township or County – Design and Inspection by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
2020 Road Improvement Project (Degenfelder Rd, Hill Ave & Eber Rd) (Spencer Township)	KPW	2Q2020	\$ 520,000		
2020 Resurfacing Project (Artwell Rd, Hyssop Ave, Janet Ave, Calvin Ave, Estess Ave) (Sylvania Township)	ATP	2Q2020	\$ 235,000		
2020 Resurfacing Project (Wheatstone Ct, Weatherstone Ct, Chip Shot Ln, Iron Ct, Old Range Dr, Putters Place, Royal Timbers Ln, Sand Wedge Ct, Timbers Blvd, Timbers Green, Tournament Dr, Waterside Ct, Wood Dr, Crossroads Ct, Canterbury Ridge Rd, Lexington Glen Blvd, Matthew Circle, Shetland Meadow Ln) (Monclova Township)	SLR	3Q2020	\$ 1,192,500		
Drennen Ditch Cleanout (Spencer Township)	BWM	4Q2020	\$ 320,000		
Kilburn Road Phase 2 Resurfacing & Shoulder Improvement, PID #109391 (Sylvania Ave to Brint Road) To be bid by LCE (Richfield Township)	RLM/KPW	4Q2020	\$ 1,098,669		
		TOTALS	\$ 7,048,932		

TOWNSHIP CONSTRUCTION FORECAST FOR 2021 AND BEYOND

To be bid by Township or County – Design and Inspection by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
2021 OPWC Road Improvement Project (Salisbury Road and Lincoln Green Subdivision (Plat 1 &3)) (Springfield Township)	SLR	1Q2021	\$ 839,500		
2021 OPWC Road Improvement Project (Corey Road and Springbrook Drive) (Sylvania Township)	ATP	1Q2021	\$ 758,500		
2020 Resurfacing Project (Coder Rd and Olde Farm Subdivision (Plat 1-6) (Monclova Township)	SLR	1Q2021	\$ 1,122,000		
Raab Road (Harding Township)	ATP	2Q2021	\$ 278,000		
2021 Resurfacing Project (Sylvania Township)	ATP	2Q2021	TBD		
Kilburn Road Phase 3 Resurfacing & Shoulder Improvement, PID #109392 (Brint Road to Sylvania-Metamora) To be bid by LCE (Richfield Township)	RLM/KPW	4Q2021	\$ 1,051,660		
Holloway Rd & Salisbury Rd Roundabout To be bid by LCE (Monclova Township)	KPW	1Q2024	\$ 1,086,140		
		TOTALS	\$ 5,135,800		

PART 2

CONSTRUCTION FORECAST FOR 2019

Let by County Engineer

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, Inc.	\$ 2,133,967.85
Annual Crack Seal Program (LCE only) (21 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 Co.	\$ 66,085.50
2019 Annual Resurfacing Program Bancroft Street, Old Airport Hwy (1.4 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. Const.	\$ 464,315.61
Annual Thin Overlay Program (3.9 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 Const., Inc.	\$ 98,478.00
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

CONSTRUCTION FORECAST FOR 2019

Let by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
Garden Road Bridge #283 Replacement Project	BAZ	06/27/19	\$ 266,000	Crestline Paving & Exc., Inc.	\$ 242,584.50
Perrysburg-Holland Road & PNS 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 Paint 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
Albon Road & Salisbury Road Roundabout, PID #106717	KPW	12/12/19	\$ 769,673	Vernon Nagel, Inc.	\$ 737,339.56
TOTALS			\$12,188,718.00		\$10,792,186.09

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CONSTRUCTION FORECAST FOR 2020

(LET BY THE LUCAS COUNTY ENGINEER)

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 Obree 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		

CONSTRUCTION FORECAST FOR 2020

(LET BY THE LUCAS COUNTY ENGINEER)

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 Curtrice 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		

CONSTRUCTION FORECAST FOR 2021

(LET BY THE LUCAS 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

CONSTRUCTION FORECAST FOR 2021

(LET BY THE LUCAS 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

CONSTRUCTION FORECAST FOR 2022

(Let by the Lucas 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

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

CONSTRUCTION FORECAST FOR 2024

(LET BY THE LUCAS 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

CONSTRUCTION FORECAST FOR 2025

(LET BY THE LUCAS 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 3

STORM WATER UTILITY CONSTRUCTION PROJECTS FORECAST FOR 2019

Bid by Township/County – Design and Inspection by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
J. Eber Ditch (Monclova Township)	BWM	11/27/18	\$ 7,450	G6 Infrastructure, Inc.	\$7,275.00
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 Subdv. (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.	\$121,287.50
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

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	\$57,069.00
Howard Farms / Bono Pumps (Jerusalem Township)	BWM		\$ 20,000 \$ 6,000 \$ 3,000	Excel Fluid Group, LLC Industrial Motor Svcs Geo. Gradel	\$18,695 \$3,496 \$2,510
C.B. and Conduit Repair Marais Dr/ La Fontaine (Jerusalem Township)	BWM	05/06/19	\$ 6,000	Burkhart & 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
Van Dyke Culvert Extension (Jerusalem Township)	PMO	05/13/19	\$ 25,000	Burkhart & Sons, Inc.	\$20,634.00
Culvert Improvements Various Roads (Jerusalem Township)	BWM	06/03/19	\$ 15,000	Burkhart & 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
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

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
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 \$13,020
Smith Ditch Improvement (Sylvania Township)	ATP	10/10/19	\$ 264,196	Hanks Plumbing & Heating	\$188,647.00
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
Geiser Road Drainage Improvement (Springfield Township)	BWM	12/02/19	\$ 179,155	B. Hill'z Excavating	\$123,670.00
GRAND TOTAL			\$2,688,001.00		\$2,639,616.34

STORM WATER UTILITY

CONSTRUCTION FORECAST 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

STORM WATER UTILITY

CONSTRUCTION FORECAST 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

STORM WATER UTILITY

CONSTRUCTION FORECAST 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