

THE OFFICE OF LUCAS COUNTY ENGINEER

ANNUAL REPORT TO TOWNSHIPS

JANUARY 25, 2018

- PART 1:** **TOWNSHIP ROAD SYSTEM**
STATUS OF PROJECTS WITH COUNTY ENGINEER'S OFFICE ASSISTANCE,
SUMMARY OF 2017 PROJECTS BID, AND 2018, 2019 AND BEYOND
CONSTRUCTION FORECAST OF PROJECTS TO BE BID.
- PART 2:** **COUNTY ROAD SYSTEM**
SUMMARY OF PROJECTS BID AND PERMITS ISSUED IN 2017, AND 2018
AND 2019 CONSTRUCTION FORECAST OF PROJECTS TO BE BID.
- PART 3:** **STORM WATER UTILITY**
SUMMARY OF PROJECTS BID IN 2017, AND 2018/2019 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 2017 PROJECTS BID & TWP AWARDED:	9	\$2,613,324
SUB-TOTAL 2017 PROJECTS BID & AWARDED w/ LCE:	6	\$1,014,971
SUB-TOTAL 2017 PROJECTS STORMWATER AWARDED:	15	\$1,039,872
SUB-TOTAL 2017 PROJECTS STORMWATER-TWP FORCES:	5	\$31,901

Comparison of past projects bid and awarded:

1993 thru 2006 a total of 198 Projects at \$24,287,078.

2007- 12 Projects	\$2,168,743	2012- 12 Projects	\$2,770,010
2008- 13 Projects	\$4,341,073	2013 - 11 Projects	\$2,648,362
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

Comparison of past Storm Water Utility projects bid and awarded:

2012- 25 Projects	\$453,040	2015- 17 Projects	\$907,208
2013- 16 Projects	\$602,156	2016- 23 Projects	\$833,614
2014- 30 Projects	\$814,981		

- Anticipated projects to be bid in 2018 by Twp.....	7	\$2,750,373
- Anticipated projects to be bid in 2018 with LCE.....	3	\$112,000
- Anticipated Storm Water Utility projects for bid 2018	12	\$1,725,000
- Project plans underway in 2017 for 2019 or Beyond Construction.....	7	\$7,469,700
- Storm Water Utility project plans underway in 2017 for 2019 or Beyond Construction.....	4	\$1,055,500
- Projects on hold:.....	7	<u>\$700,446</u>

2016 Total number of Township Projects with the Office of Lucas County Engineer involvement **75 \$18,693,087**

**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:		
- Annual Township Projects not previously stated	UNKNOWN	UNKNOWN
 PERMITS		
- Permits for Township Roads issued by Lucas County Engineer on behalf of the Townships	243	
 TRAFFIC STUDIES		
- 2017 Studies completed	1	
- 2018 Studies to be completed	1	

PROJECT DESCRIPTION	LENGTH (mi.)	2017 WORK STATUS BY LUCAS COUNTY ENGINEER'S OFFICE	CONSTRUCTION COST (A) = ACTUAL (B) = BID (E) = ESTIMATED
HARDING TOWNSHIP			
2018 Crack Seal Program	1.25	List provided by Twp. Include in 2018 LCE project.	(E) \$12,000
Raab Road and Shaffer Road	0.77	OPWC app prepared and approved, joint with LCE (Shaffer Road). Raab anticipated 3Q18 bid(\$150,400). Shaffer anticipated 2Q19bid (\$160,700).	(E) \$150,400 (E) \$160,700
Raab Road Drainage Improvement	0.07	Estimate prepared to enclose the east side of the road midway between Old State Line Road and Angola Road (ON HOLD)	(E) \$59,000
Processed 3 permits on behalf of the Township Processed 0 floodplain permits in the Township			
JERUSALEM TOWNSHIP			
Van Dyke Ave Culvert #3031	----	Revise plans for end replacement and extension only. Options provided to Trustees in March 2016, proceeding for 2018 construction.	(E) \$65,000
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 & \$117,000), Boat Ramp area (\$24,500), & Trail parking lot (\$48,500). Anticipated 2Q2019 bid.	(E) \$49,000
Veler Rd: SR 2 to Ottawa National Wildlife Refuge	0.39	FLAP Grant Application approved, Bid and Built in 2017	(A) \$96,944
Bunting Road	0.64	OPWC app prepared for resurfacing but not submitted. Twp decided to revise scope to a chip seal project with a fog seal and do with local funds. Designed, Quotes and Built in 2017.	(B) \$23,066
Wallace Road	0.63	Designed, Quotes and Built in 2017.	(B) \$25,368
Howard Farms Pavement Marking		Layout and Centerline Painting	(E) \$402
Road maintenance changes	----	Need to discuss and implement changes to road systems. ON HOLD	-----

PROJECT DESCRIPTION	LENGTH (mi.)	2017 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 from Township for 2018 & beyond construction.	(A)
Sacks Ditch Cleaning and Flapper Gate Repair Storm Water Utility Project	----	Geo. Gradel Co., completed in 2017.	\$49,362 (A)
Processed 4 permits on behalf of the Township. Processed 15 floodplain permits in the Township			
MONCLOVA TOWNSHIP			
Township Hall Parking Lot Improvement	----	Bid & Built in 2017	\$208,295 (A)
2017 Crack Seal Program	8.90	List provided by Twp. Included in 2017 LCE project.	\$34,972 (A)
2017 Microsurface Project	----	Coder Rd, Waters Edge Blvd, Longwater Dr, & Starboard Dr. Include in 2017 LCE project.	\$39,157 (B)
2017 Road Improvement Project- La Plante Road & Blackstone Subdivision	0.87	Reclaimate La Plante Road, Resurface Blackstone subdivision. OPWC app approved. Design underway. Bid & Built 1Q2017. Jt. project with LCE (Monclova Rd) (\$142,075 SWU Money)	\$656,609 (Rd only) (B)
2018 OPWC Resurfacing Project Black Road & Blystone Valley Subd.	1.40	Milling & resurfacing project. OPWC app prepared and approved. Anticipate 1Q2018 sale. Jt. Project with LCE (Monclova Road).	\$460,500 (E)
2018 Crack Seal Program	9.72	List provided by Twp. Include in 2018 LCE project.	\$50,000 (E)
2019 OPWC Resurfacing Project Stonagate 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. Anticipate 1Q2019 sale. Jt. Project with LCE (Stitt Road).	\$1,289,000 (E)

PROJECT DESCRIPTION	LENGTH (mi.)	2017 WORK STATUS BY LUCAS COUNTY ENGINEER'S OFFICE	CONSTRUCTION COST (A) = ACTUAL (B) = BID (E) = ESTIMATED
Log Jam Removal- Swan Creek @ Brandywine CC Storm Water Utility Project	----	By Contract, PHC Inc., Not Complete	\$6,700 (A)
Estuary Place Detention Pond Cleaning Storm Water Utility Project	----	By Contract, PHC, Inc.	\$5,890 (A)
Reed Road Drainage Improvements Storm Water Utility Project	----	Provo Construction	\$319,121 (A)
Milewski Ditch Cleanout Storm Water Utility Project	----	Survey ordered, owners contacted, major tree issues, opposition, On Hold	\$76,000 (E)
2018 Drainage Improvements by Township & Beyond Storm Water Utility Project	----	To be determined for 2018 construction.	\$50,000 (E)
2018 Drainage Project Storm Water Utility Project	----	To be determined for 2018 construction. Black Rd, Coder Rd Culvert, Whitehouse-Spencer Rd, Ramm Rd, Weckerly Rd, Salsibury Rd, and Zaleski Ditch	\$200,000 (E)
LaPlante Road- Eber Road to US 20A Storm Water Utility Project	----	To be included with OPWC project. Bid & Built in 2017	\$142,075 (A)
Parking Lot Conduit & Pavement Repairs Storm Water Utility Project	----	Bid & Built in 2017	\$5,975 (B)
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 from Township for 2018 & beyond construction.	-----
Brandywine Country Club- Gold Cart Crossing	----	Signs Installed- Completely funded by Brandywine CC	-----
Pavement markings (paint) for Township Roads	----	Work completed by LCE crews.	\$12,570 (A)
Wabash Cannonball Trail, South Fork Extension to N. Jerome Road Through Enclave	----	Investigate ODNR Clean Ohio Trails Fund Grant application, February Application	-----

PROJECT DESCRIPTION	LENGTH (mi.)	2017 WORK STATUS BY LUCAS COUNTY ENGINEER'S OFFICE	CONSTRUCTION COST (A) = ACTUAL (B) = BID (E) = ESTIMATED
Winding Ridge Blvd Processed 52 permits on behalf of the Township. Processed 12 floodplain permits in the Township	----	Shoulder pavement markings @ Albon Rd	-----
PROVIDENCE TOWNSHIP Jeffers Road storm sewer 7148 to 7325 addresses.	0.10	Survey completed, plans on hold, awaiting Twp direction.	(E) \$20,310
7841 Jeffers Road Storm Sewer Outlet thru field to Emerick Ditch	----	Complete by LCE Garage Crews	(E) \$26,955
Road maintenance changes as a result of US 24	----	Need to discuss and implement changes to road systems in 2017.	(E)
Chip Seal Project	----	Requested estimate for 5.2 miles of Twp Roads, awaiting direction.	(E) \$60,000
SR 295 Engine Brake Restriction	----	Twp reso, signs by LCE crews, ODOT installed	(A) \$157
Exemption of Bluebird RR x-ings in Twp	----	PUCO Hearing, signs paid by Otsego Schools, installation by LCE & Twp crews.	(A) \$255
Processed 17 permits on behalf of the Township. Processed 2 floodplain permits in the Township			

PROJECT DESCRIPTION	LENGTH (mi.)	2017 WORK STATUS BY LUCAS COUNTY ENGINEER'S OFFICE	CONSTRUCTION COST (A) = ACTUAL (B) = BID (E) = ESTIMATED
RICHFIELD TOWNSHIP Kilburn Road paved berms (Bike Route), resurfacing, shoulders & drainage (Central Ave to Sylvania-Metamora Road)	3.00	TMACOG Transportation Alternative funds: \$1,653,600 Construction (FY2021) & \$208,000 ROW (FY 2018). LCEO has \$120,606.88 in staff time on the project through 12/9/17. Stage 2 & Preliminary ROW plans complete, 1/2018 submitted to ODOT. Joint Cooperation Agreement needed w/ Twp, Metroparks & LCEO. Metroparks committed \$75,000 towards project. 1Q2018 public hearing at TWP hall to approve plans & authorize ROW acquisition. RW phase must start prior to July 2018. \$1.1 million anticipated need in OPWC funds. Recommend splitting project into 3 projects for construction and request TMACOG to split funding. Possible 2018 OPWC application.	\$3,116,000 (2021 costs) (E)
Miller Road	----	Langenderfer Road to curve resurfacing; OPWC app prepared; not funded at District. Approved with Sm Gov't funding. Township decided not to proceed.	----
Processed 0 permits on behalf of the Township Processed 0 floodplain permits in the Township			
SPENCER TOWNSHIP			
Oak Terrace Subdivision & Bemis Ln. Resurfacing	0.98	OPWC app approved. Jt. OPWC Project w/ LCE (Bancroft St). Designed, Bid & Built in 2017	\$503,389 (A)
Harriet Road & Berkey Road Resurfacing Project	0.74	Designed, Bid & Built in 2017	\$200,684 (A)
Schwamberger Road- Frankfort Rd. to Bancroft St. Reclamation Project	0.98	OPWC app prepared & approved. Jt. OPWC w/ LCE (Frankfort Rd) Anticipate 2Q2018 bid.	\$563,500 (E)
Raab Rd, Whitehouse Spencer Rd & Meilke Rd	1.80	OPWC app prepared & approved. Jt. OPWC Project w/ LCE (Raab Rd Bridge #264). Anticipated 2Q2019 bid.	\$791,000 (E)
Spencer Twp Fire Station Parking Lot	----	Estimates & options to be prepared.	----
Drennen Ditch Cleanup Storm Water Utility Project	----	Survey work extended. Right of Entries have been returned. TASD to do project. Clearing has started.	----

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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 from Township for 2018 & beyond construction.	----
Processed 2 permits on behalf of the Township Processed 0 floodplain permits in the Township			
SPRINGFIELD TOWNSHIP			
2017 OPWC Road Improvement Project- Wolf Creek Executive Park	0.34	OPWC app prepared & approved; Jt. OPWC Project w/ LCE (Centennial Rd.). Designed & Bid in 2017, to be built in 2018.	\$268,842 (B)
Wolf Creek Executive Park		Road dedication plat being prepared by Feller Finch for cul-de-sac	\$2,300 (A)
2017 Crack Seal Program	5.17	List to be provided by Twp. Possibly include in 2017 LCE project.	\$29,723 (A)
2018 OPWC Road Improvement Project- Geiser Road, Hidden View Dr, Longmeadow Dr, Fountain Dr, Springcove Ln, & Spring Haven Dr.	1.10	Geiser - reclamation, Subd Streets milling & resurfacing OPWC app prepared & approved; Jt. OPWC Project w/ LCE (Hill Ave.) (Include SWU work) Anticipate 1Q2018 bid.	\$464,500 (E)
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.	\$797,500 (E)
Fire Station #3 Parking Lot	----	Estimates provided to Twp. Waiting on direction to proceed.	\$211,525 (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 from Twp for 2018 & beyond construction.	
2017 Township Storm Sewer and CB Repairs Storm Water Utility Project	----	Springfield Twp Forces	\$10,733 (A)

PROJECT DESCRIPTION	LENGTH (mi.)	2017 WORK STATUS BY LUCAS COUNTY ENGINEER'S OFFICE	CONSTRUCTION COST (A) = ACTUAL (B) = BID (E) = ESTIMATED
2017 Springfield Twp Street Cleaning Storm Water Utility Project	----	Springfield Twp by contract	\$8,566 (A)
Oil Separator for Maintenance Facility Storm Water Utility Project	----	By Quotes, PHC, Inc.	\$14,780 (A)
Potter Ditch Drainage Improvement Storm Water Utility Project	----	By Quotes, PHC, Inc.	\$17,500 (A)
Harvest Ditch Drainage Improvements Storm Water Utility Project	----	By Quotes, Ed Kelly & Sons, Inc.	\$11,050 (B)
Heldman Ditch Drainage Improvement Storm Water Utility Project	----	By Quotes, PHC, Inc.	\$7,460 (A)
Peter May Ditch Improvement Storm Water Utility Project	----	King Road to Hill Ave. Right of Entries completed. To bid 1Q2017. Designed, Bid & Built 2017 by Geddis Paving	\$57,298 (E)
Geiser Rd. Drainage Improvement Storm Water Utility Project	----	Kieswetter to 1/4 mi. west. Designed, Bid & Built 2017 by G-6 Infrastructure LLC	\$83,329 (B)
Hidden Springs & Hidden Meadows CB and Curb Inlet Repairs, Storm Water Utility Project	----	To be included with the 2018 OPWC Resurfacing project. Anticipate 1Q2018 bid.	\$30,000 (E)
Clarion Ave. Drainage Improvement Storm Water Utility Project	----	Harefoote To Dorcas Rd. Design underway. To bid in 2018.	\$80,000 (E)
Heldman Ditch Drainage Improvement Storm Water Utility Project	----	King Rd to Plum Grove Subd. To build in 2019	\$350,000 (E)
Peter May Ditch Improvement Storm Water Utility Project	----	At Layer Road. To Bid 3Q2018	\$70,000 (E)
Potter Ditch Drainage Improvement Storm Water Utility Project	----	Dorr Street-Dorr Street. To Bid 3Q2018	\$90,000 (E)

PROJECT DESCRIPTION	LENGTH (mi.)	2017 WORK STATUS BY LUCAS COUNTY ENGINEER'S OFFICE	CONSTRUCTION COST (A) = ACTUAL (B) = BID (E) = ESTIMATED
2018 Drainage Improvements by Township Storm Water Utility Project	----	To be determined for 2018 construction.	\$20,000 (E)
Roseanna Dr. Drainage Improvement Storm Water Utility Project	----	South St. to Hill Ave. Survey Ordered. ON HOLD.	\$240,000 (E)
Processed 52 permits on behalf of the Township Processed 4 floodplain permits in the Township	----		-----
SWANTON TOWNSHIP			
Devault Drive Turnaround & Resurfacing	0.16	Estimate & OPWC app prepared but not submitted by Twp. Awaiting Twp. direction.	\$180,000 (E)
Devault Dr. Plat for Dedication and Vacation of R/W	----	Complete	-----
Meyer Ditch- north of bike trail to park	----	Ditch cleaning. Work needs to be coordinated.	-----
CW Richardson Ditch Cleaning	----	Received enough right of entries from property owners to proceed. TASD hopes to start late winter.	-----
Fulton Lucas Road & CR F Sign Upgrade	----	Large dbl. arrow sign & red object markers installed by LCE crews.	-----
Fulton Lucas Rd approach to Sherman White Rd	----	Tree removals & sign upgrades completed by LCE crews	-----
Road closed barricades & signs ordered for Twp.	----	Items provided by suppliers.	-----
Processed 8 permits on behalf of the Township Processed 3 floodplain permits in the Township	----		-----

PROJECT DESCRIPTION	LENGTH (mi.)	2017 WORK STATUS BY LUCAS COUNTY ENGINEER'S OFFICE	CONSTRUCTION COST (A) = ACTUAL (B) = BID (E) = ESTIMATED
SYLVANIA TOWNSHIP			
2017 OPWC Road Resurfacing Project~ St. James (Chriswood, Queen Annes, Knightswood, Chesire Woods, Perivale Park, Parliament Square, Stonebridge Dunstans Ln, Wimbleton Park, Jamesford Dr	1.58	OPWC app approved; Design completed, Bid Opening 01/31/2017. Jt. OPWC Project w/ LCE (Sylvania Ave.) Bid & Built in 2017.	\$284,600 (A)
2017 Resurfacing Project: Westchester Meadows Woodlake Dr, Woodbrook Dr, Woodmeadow Dr, Meadowlake Dr, Fairbanks Avenue, Fantasy Dr. & Forest Brook Dr.	0.58	Designed, Bid & Built 2017	\$273,230 (A)
2017 Crack Seal Program	9.16	List provided by Twp. included in 2017 LCE project.	\$73,104 (A)
2018 OPWC Road Improvement Project~ Fair Hills Subd & Corey Woods Subd (Plats 2 & 3)	1.29	Fair Hills reconstruction; Corey Woods resurfacing OPWC app prepared & approved; Jt. OPWC Project w/ LCE (McCord Road.) (to include SWU work) Anticipate 1Q2018 bid.	\$753,000 (E)
Township Parking Lot Resurfacing		LCE to prepare estimate; possible 2018 bid.	
2018 Crack Seal Program	8.97	List provided by Twp. to included in 2018 LCE project.	\$50,000 (E)
2018 Resurfacing Project: Sparrow Hill, Eagle View, Pepperwood Ct, Hawkstone, Wild Pheasant, Monarch Dr, Swallow Tail, Sweet Bush, Brookstone Village, Morgan Hill, Sarah Lake, Sunbreeze	1.84	Design underway. Anticipated 2Q2018 bid.	\$358,473 (E)
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 Road.) (to include SWU work) Anticipate 1Q2019 bid.	\$1,076,500 (E)
Arvilla & Westminster Resurfacing		Estimate provided to Twp. Waiting for direction. ON HOLD	\$33,611 (E)
Holt Road	1.34	Cores taken for the pavement. Road record plat will need to be established. Waiting for Twp. direction.	-----
Pavement markings for Township Roads.	----	Work completed by LCE crews.	\$1,755 (A)

PROJECT DESCRIPTION	LENGTH (mi.)	2017 WORK STATUS BY LUCAS COUNTY ENGINEER'S OFFICE	CONSTRUCTION COST (A) = ACTUAL (B) = BID (E) = ESTIMATED
Township Sign Upgrade	----	Twp. Obtained grant to upgrade remaining deficient signs on Twp road. LCE provided 402 road name signs off state contract.	\$1,355 (A)
Goodhue Drive Speed Hump Study	----	Complete	----
Corey Road Signing Upgrades- Wildwood Park Guide Signs	----	Complete	----
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 from Twp for 2018 & beyond construction.	
Wilford Road Storm Sewer Extension Storm Water Utility Project	----	Built by Sylvania Twp.crews in 2017.	\$8,935 (A)
Sturbridge Road Bridge Erosion Storm Water Utility Project	----	Built by Sylvania Twp. crews in 2017.	\$2,991 (A)
Colgate Road Catch Basin Repair Work Storm Water Utility Project	----	Built by Sylvania Twp. crews in 2017.	\$2,650 (A)
Cotswold Road Culvert Work Storm Water Utility Project	----	Built by Sylvania Twp. crews in 2017.	\$2,545 (A)
Smith Ditch Cleaning Storm Water Utility Project	----	Provo Construction	\$17,169 (A)
Ten Mile Creek Drainage Improvement Storm Water Utility Project	----	Design underway for 4Q2018 sale. Plan to start clearing trees 1Q2018.	\$920,000 (E)
Far Hills Subdivision CB And Curb Inlet Repairs	----	To be included with the 2018 OPWC Resurfacing project. Anticipate 1Q2018 bid.	\$80,000 (E)
Bancroft Woods & Wolfinger Road Drainage Storm Water Utility Project	----	To be included with the 2019 OPWC Road Improvement project. Anticipate 1Q2019 bid.	\$500,500 (E)

PROJECT DESCRIPTION	LENGTH (mi.)	2017 WORK STATUS BY LUCAS COUNTY ENGINEER'S OFFICE	CONSTRUCTION COST (A) = ACTUAL (B) = BID (E) = ESTIMATED
2019 Drainage Improvements by Township & Beyond Storm Water Utility Project	----	To be determined for 2019 construction & beyond. Hill Ditch Cleanout, Lathrop Place.	\$125,000 (E)
Friedly & Rega Culvert Replacements Storm Water Utility Project	----	Initializing design for future project.	\$80,000 (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.	\$60,000 (E)
Processed 83 permits on behalf of the Township Processed 3 floodplain permits in the Township	----		-----
WASHINGTON TOWNSHIP			
Brophy Dr & Foch Ave Traffic Study	----	Collect Data Spring 2018	-----
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 from Twp for 2018 & beyond construction.	\$2,465 (A)
Street Sweeping various Township Roads Storm Water Utility Cost	----	By contract, Mobile Broom Sweep	-----
Vistamar and Brendamar Storm Sewer	----	Review and develop scope of work.	-----
2017 Drainage Improvements: Curb Inlets, CB & MH Repairs, Storm Water Utility Project	----	Zee Construction	\$77,200 (B)
Shoreland Ave, 6" Storm Sewer Repair Storm Water Utility Project	----	PHC, Inc. Construction to be complete in 2018.	\$4,780 (B)
2018 Drainage Improvements by Township & Beyond Storm Water Utility Project	----	To be determined for 2018 construction.	\$70,000 (E)
Processed 1 permits on behalf of the Township Processed 1 floodplain permits in the Township	----		-----

PROJECT DESCRIPTION	LENGTH (mi.)	2017 WORK STATUS BY LUCAS COUNTY ENGINEER'S OFFICE	CONSTRUCTION COST (A) = ACTUAL (B) = BID (E) = ESTIMATED
WATERVILLE TOWNSHIP			
Noward Road- Neapolis-Waterville Rd to SR 64		Reclamation project. Drainage will be included with project using \$160,000 SWU. Jt. OPWC Project w/ LCE (Dutch Road) Design Completed, Bid & Built in 2017	\$614,551 (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 from Twp for 2018 & beyond construction.	
Alscot lane Drainage Improvement Storm Water Utility Project	----	PHC, Inc	\$23,733 (A)
Noward Road Drainage Improvements Storm Water Utility Project	----	Bid with 2017 OPWC Project. Bid & Built in 2017	\$200,000 (E)
Processed 11 permits on behalf of the Township Processed 3 floodplain permits in the Township	---- ----		

TOWNSHIP CONSTRUCTION FORECAST FOR 2017

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
2017 OPWC Resurfacing Project ~ St. James Woods (Chriswood, Queen Annes, Knightswood, Chesire Woods, Perivale Park, Parliament Square, Stonebridge, Dunstons, Wimbleton Park, Jamesford Dr) (Sylvania Township)	SLR	LET 1/31/2017	\$ 329,311	Bowers Asphalt & Paving	\$ 293,315.50
Township Hall Parking Lot Improvement (Monclova Township)	SLR/ATP	LET 2/24/2017	\$ 226,748	Schoen, Inc.	\$ 190,272.70
Annual Crack Seal Project Bid w/ LCE (Monclova Township)	JSP	LET 3/15/2017	\$ 37,000	Buck Pavement Restoration	\$ 37,240.00
Annual Crack Seal Project Bid w/ LCE (Springfield Township)	JSP	LET 3/15/2017	\$ 30,750	Buck Pavement Restoration	\$ 30,840.00
Annual Crack Seal Project Bid w/ LCE (Sylvania Township)	JSP	LET 3/15/2017	\$ 74,750	Buck Pavement Restoration	\$ 73,400.00
Noward Road Reclamation Project (Waterville Township)	SLR	LET 4/28/2017	\$ 896,699	Crestline Paving & Exc.	\$ 841,479.70
Oak Terrace Subdivision & Bemis Ln. Resurfacing Bid by LCE (Spencer Township)	SLR/PMO	LET 5/3/2017	\$ 592,331	Gerken Paving, Inc.	\$ 539,759.15
2017 Road Improvement Project (LaPlante Road & Blackstone Subdivision) (Monclova Township)	SLR	LET 6/29/2017	\$ 701,642	Crestline Paving & Exc.	\$ 656,609.00

TOWNSHIP CONSTRUCTION FORECAST FOR 2017

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
Annual Microsurfacing Project (Waters Edge Blvd, Longwater Dr, Starboard Dr, Coder Rd) (Monclova Township)	SLR/JSP	QUOTES 7/3/2017	\$ 39,000	Strawser Construction	\$ 39,157.20
2017 Resurfacing Project (Woodlake Dr, Woodbrook Dr, Woodmeadow Dr, Meadowlake Dr, Fairbanks Dr, Fantasy Dr) (Sylvania Township)	SLR	LET 7/11/2017	\$ 314,250	Gerken Paving, Inc.	\$ 275,215.42
Veler Road Resurfacing Bid by LCE (Jerusalem Township)	SLR	LET 7/20/2017	\$ 95,370	Geddis Paving & Exc.	\$ 95,329.00
Harriet Road and Berkey Road Resurfacing Bid by LCE (Spencer Township)	SLR	LET 8/2/2017	\$ 253,802	Gerken Paving, Inc.	\$ 238,403.22
Bunting Road Chip Seal Project (Jerusalem Township)	SLR	QUOTES 8/8/2017	\$ 22,615	Henry W. Bergman, Inc.	\$ 23,065.50
Wallace Road Chip Seal Project (Jerusalem Township)	SLR	QUOTES 8/8/2017	\$ 37,625	Henry W. Bergman, Inc.	\$ 25,367.50
2017 Road Improvement Project (Wolf Creek Executive Park) (Springfield Township)	SLR	9/14/2017	\$ 268,515	The Shelly Company	\$ 268,841.64
		TOTALS	\$ 3,920,408		\$ 3,628,295.53

TOWNSHIP CONSTRUCTION FORECAST FOR 2018

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
2018 Resurfacing Project (Black Road & Blystone Valley Subdivision) (Monclova Township)	SLR	1Q2018	\$ 460,500		
2018 OPWC Road Improvement Project (Geiser Road, Long Meadow Dr, Hidden View Dr, Fountain Dr, Spring Cove Ln & Spring Haven Dr) (Springfield Township)	SLR	1Q2018	\$ 464,500		
2018 OPWC Road Improvement Project (Fair Hills Subdivision and Corey Woods Subdivision Plat 2 & 3) (Sylvania Township)	SLR	1Q2018	\$ 753,000		
Annual Crack Seal Project Bid w/ LCE (Monclova Township)	JSP	1Q2018	\$ 50,000		
Annual Crack Seal Project Bid w/ LCE (Harding Township)	JSP	1Q2018	\$ 12,000		
Annual Crack Seal Project Bid w/ LCE (Sylvania Township)	JSP	1Q2018	\$ 50,000		
Schwamberger Road Reclamation Project (Spencer Township)	SLR	2Q2018	\$ 563,500		

TOWNSHIP CONSTRUCTION FORECAST FOR 2018

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
2018 Road Resurfacing Project (Sparrow Hill, Eagle View, Pepperwood Ct, Hawkstone, Wild Pheasant, Monarch Dr, Swallow Tail, Sweet Bush, Brookstone Village, Morgan Hill, Sarah Lake, & Sunbreeze) (Sylvania Township)	SLR	2Q2018	\$ 358,473		
Township Hall Parking Lot Improvement (Sylvania Township)	SLR/ATP	3Q2018	\$ TBD		
Raab Road Resurfacing Project (Harding Township)	SLR	3Q2018	\$ 150,400		
		TOTALS	\$ 2,862,373		

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TOWNSHIP CONSTRUCTION FORECAST FOR 2019 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
2019 Resurfacing Project (Stonagate 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	1Q2019	\$ 1,289,000		
2019 OPWC Road Improvement Project (Lincoln Green Subdivision: Cheswick Ct, Cheswick Rd, Danesmoor Ct, Danesmoor Rd, Dorcas Rd, Harefoote St, Lincoln Green Rd, Shrewsbury Dr) (Springfield Township)	SLR	1Q2019	\$ 797,500		
2018 OPWC Road Improvement Project (Wolflinger Rd, Regents Park Blvd, Manoa Ln, McKivett Ln, Stonebridge Ln, Ronaldo Rd, St Charles Rd) (Sylvania Township)	SLR	1Q2018	\$ 1,076,500		
Bono Road Chip Seal Project Bid by LCE (Jerusalem Township & ODNR)	SLR	1Q2019	\$ 239,000		
Raab Rd, Whitehouse Spencer Rd & Meilke Rd Improvement Project (Spencer Township)	SLR	2Q2019	\$ 791,000		
Shaffer Road Resurfacing Project (Harding Township)	SLR	2Q2019	\$ 160,700		

TOWNSHIP CONSTRUCTION FORECAST FOR 2019 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
Kilburn Road Paved Berm (Central Ave. to Sylvania-Metamora) (Richfield Township)	RLM/KPW	1Q2021	\$ 3,116,000		
		TOTALS	\$ 7,469,700		

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PART 2

CONSTRUCTION FORECAST FOR 2017

Let by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
University Parks Trail – Clearing & Grubbing Quotes	RLM	02/24/17	\$ 35,000	T & J Excavating & Tree Clearing	\$ 34,750.00
Annual Crack Seal Program (LCE only) (26 miles)	JSP	LET 03/15/17	\$ 166,000	Buck Pavement Restoration	\$ 160,000.00
Holland-Sylvania Road & Stranahan School Traffic Signal Improvement	RLM	LET 03/15/17	\$ 56,700	FET Construction Services	\$ 50,946.00
Sylvania-Metamora Road: Multi-Use Path Project, PID #95671	DJP/RLM	LET 04/12/17	\$ 391,000	Gerken Paving, Inc.	\$ 374,333.00
2017 OPWC Resurfacing Project Bancroft Street, Monclova Road, & Sylvania Avenue (1.1 miles)	JML	LET 04/26/17	\$ 635,858	Crestline Paving & Excavating, Inc.	\$ 598,670.00
2017 Annual Resurfacing Program Archbold-Whitehouse Road, Finzel Road, Heller Road, Hill Avenue, Neowash Road, & Richfield Center Road (6.9 miles)	JSP	LET 05/03/17	\$ 1,882,356	Gerken Paving, Inc.	\$ 1,517,207.00
Sylvania Avenue Sidewalk Project – Quotes	RLM	05/05/17	\$ 50,000	Quinn Concrete	\$ 46,042.75
Brint Road Storm Sewer Replacement	BWM	05/08/17	\$ 50,000	Ed Kelly & Sons, Inc.	\$ 37,200.00
Annual Bridge Repair Program Brint Road Bridge #105	BAZ	LET 05/31/17	\$ 179,552	Bridge Specialist, Inc.	\$ 151,069
Angola Road Bridge #551 Replacement Project	BAZ	LET 05/31/17	\$ 371,160	Geo. Gradel Co.	\$ 329,787.80

CONSTRUCTION FORECAST FOR 2017

Let by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
Annual Microsurfacing Program (10.72 miles)	JSP	LET 06/07/17	\$ 636,735	Bid Rejected TBA 2018	
2017 OPWC Resurfacing Project II Holland-Sylvania Road, Sylvania Avenue, & Sylvania-Metamora Road (3.2 miles)	JML/DJP	LET 07/12/17	\$ 1,260,000	Gerken Paving, Inc.	\$ 1,115,615.75
2017 Thin Overlay Project	JSP	LET 07/12/17	\$ 745,078	Gerken Paving, Inc.	\$ 612,608.35
Old State Line Road Resurfacing Project (1.98 miles)	JML	LET 10/04/17	\$ 672,000	Gerken Paving, Inc.	\$ 589,690.98
Hill Avenue Sanitary Sewer Manhole Repairs – Quotes	JSP	10/06/17	\$ 30,000	PHC, Inc.	\$ 29,245.00
2017 Culvert Program	POB	LET 11/15/17	\$ 114,986		
Annual Traffic Safety Program ~ RPM	RLM	2nd Quarter	\$ 50,000		
Annual Traffic Safety Program ~ Pavement Markings	RLM	2nd Quarter	\$ 87,000		
Annual Traffic Safety Program ~ Traffic Signal	RLM	2nd Quarter	\$ 40,000		
TBD Storm Sewer Project	BWM	4th Quarter	\$ 128,000		
TOTALS			\$7,581,425.00		\$ 5,647,165.63

2017 Permits

R/W Jurisdiction Where Permit was Issued	Types of Permits Processed						
TOWNSHIP	ACCESS	CONNECT	CURB CUT	ENCLOSE	GENERAL	No. Permits Issued	
HARDING	1	1				2	
HARDING & SWANTON					1	1	
JERUSALEM	1			1	2	4	
MONCLOVA	12	5		10	28	55	
PROVIDENCE	3	2		9	3	17	
SPENCER	1				1	2	
SPRINGFIELD	1	3	2		47	53	
SWANTON	1				7	8	
SYLVANIA	4	4	1	5	74	88	
SYLVANIA & SPRINGFIELD					1	1	
WASHINGTON					1	1	
WATERVILLE	2	1		4	4	11	
TOWNSHIP SUB-TOTALS:	26	16	3	29	169	243	
LUCAS COUNTY:	46	10		35	93	184	
SPECIAL LOAD (SPECIAL HAUL, OVER WEIGHT, OVER WIDTH, OVER LOAD):						78	
TOTAL PERMITS:						505	

CONSTRUCTION FORECAST FOR 2018

Let by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
McCord Road Resurfacing includes Hill Avenue Intersection (1.20 miles)	SLR	01/24/18	\$ 720,307		
Annual Crack Seal Program (LCE only) (26 miles)	JSP	1 st Quarter	\$ 209,000		
Annual Bridge Repair Program Old State Line Road Br #364 & Sylvania Ave Br #104	BAZ	1 st Quarter	\$ 200,000		
Annual Microsurfacing Program (4.7 miles)	JSP	2 nd Quarter	\$ 293,000		
Annual Thin Overlay Program (3.9 miles)	JSP	2 nd Quarter	\$ 490,000		
Annual Traffic Safety Program ~ RPM, Pavement Markings, TBD	RLM	2 nd Quarter	\$ 75,000		
Annual Traffic Safety Program ~ Guardrail	DJP	2 nd Quarter	\$ 175,000		
2018 OPWC Resurfacing Project I Centennial Road, Frankfort Road, Hill Avenue, McCord Road, & Monclova Road (2.72 miles)	JML	2 nd Quarter	\$ 1,156,000		
2018 Annual Resurfacing Program Centennial Road, Eber Road, Lathrop Road, Monclova Road, Prov-Neap-Swan Road, & Stitt Road (4.4 miles)	JSP	2 nd Quarter	\$ 1,400,000		

CONSTRUCTION FORECAST FOR 2018

Let by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
Raab Road Bridge #264 Replacement Project	BAZ	3 rd Quarter	\$ 350,000		
2018 OPWC Resurfacing Project II Technology Drive (0.53 miles)	JML	3 rd Quarter	\$ 210,000		
Culvert Project Sylvania Metamora Road Culverts 10 & 13, & TBD	PMO	4 th Quarter	\$ 220,000		
TBD Storm Sewer Project	BWM	4 th Quarter	\$ 85,000		
TOTALS			\$ 5,583,307		

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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	1 st Quarter	\$ 2,220,000		
Annual Crack Seal Program (LCE only) (23 miles)	JSP	1 st Quarter	\$ 182,000		
Annual Bridge Repair Program Perrysburg Holland Road Br #584	BAZ	1 st Quarter	\$ 150,000		
Annual Microsurfacing Program (5.6 miles)	JSP	2 nd Quarter	\$ 342,000		
Annual Thin Overlay Program (3.9 miles)	JSP	2 nd Quarter	\$ 491,000		
Annual Traffic Safety Program ~ RPM, Pavement Markings, TBD	RLM	2 nd Quarter	\$ 250,000		
Garden Road Bridge #283 Replacement Project	BAZ	2 nd Quarter	\$ 250,000		
2019 OPWC Resurfacing Project I Holland Sylvania Road & North Curtice Road, (4.5 miles)	DJP/JML	2 nd Quarter	\$ 2,446,000		
2019 Annual Resurfacing Program Bancroft Street, Old Airport Hwy (1.4 miles)	JSP	2 nd Quarter	\$ 404,000		

CONSTRUCTION FORECAST FOR 2019

Let by County Engineer

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
2019 OPWC Resurfacing Project II Perrysburg Holland Road, Prov-Neap- Swan Road, Shaffer Road, Stitt Road, Weckerly Road, & Whiteford Road (6.6 miles)	JML	2 nd Quarter	\$ 2,337,700		
Culvert Project TBD	PMO	4 th Quarter	\$ 150,000		
TBD Storm Sewer Project	BWM	4 th Quarter	\$ 100,000		
TOTALS					
			\$ 9,322,700		

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PART 3

STORM WATER UTILITY CONSTRUCTION PROJECTS FORECAST FOR 2017

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
Harvest Ditch Drainage Improvement Quotes (Springfield Township)	BWM	02/03/17	\$ 13,000.00	Ed Kelly & Sons, Inc.	\$ 11,050.00
Potter Ditch Drainage Improvement Quotes (Springfield Township)	BWM	02/06/17	\$ 19,000.00	PHC, Inc.	\$ 17,500.00
Peter May Ditch Improvement (Springfield Township)	BWM	02/15/17	\$ 90,000	Geddis Paving & Excavating	\$ 57,298.00
Alscol Lane Drainage Improvement (Waterville Township)	ATP	04/10/17	\$ 30,000	PHC, Inc.	\$ 26,749.00
Noward Road Drainage Improvement (Waterville Township)	BWM/SLR	04/28/17	\$ 157,143	Crestline Paving & Excavating, Inc.	\$ 200,000.00
Smith Ditch Drainage Improvement (Sylvania Township)	BWM	06/05/17	\$ 15,000	Provo Construction Company, LLC	\$ 17,169.00
LaPlante Road Drainage Improvement (20A to Eber Road) (Monclova Township)	BWM/SLR	06/29/17	\$ 109,751	Crestline Paving & Excavating, Inc.	\$ 142,075.00
Washington Township Drainage Improvements (MH & CB Repairs) (Washington Township)	BWM	11/16/17	\$ 93,246	Zee Construction Co., Inc.	\$ 77,200.00

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
Reed Road Drainage Improvements (Monclova Township)	BWM	6/29/17	\$ 398,984	Provo Construction Company, LLC	\$ 334,034.34
Geiser Road Drainage Improvement (Springfield Township)	BWM	9/14/17	\$ 97,098	G6 Infrastructure, LLC	\$ 83,329.00
Sacks Ditch Drainage Improvements (Jerusalem Township)	BWM	2017	\$ 50,000	Geo Gradel	\$ 49,362.17
Estuary Place Detention Pond Cleaning (Monclova Township)	BWM	2017	\$ 6,000	PHC, Inc.	\$ 5,890.00
Heldman Ditch Bank Stabilization & Ditch Cleanout (Springfield Township)	BWM	2017	\$ 8,000	PHC, Inc.	\$ 7,460.00
Shoreland Ave. 6" Storm Sewer Repair (Washington Township)	BWM	2017	\$ 5,000	PHC, Inc.	\$ 4,780.00
Parking Lot Conduit & Pavement Repairs (Monclova Township)	BWM/JH	2017	\$ 6,000		\$ 5,975.00
GRAND TOTAL			\$ 1,098,222		\$1,039,871.51

STORM WATER UTILITY CONSTRUCTION PROJECTS FORECAST FOR 2018 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
Ten Mile Creek Drainage Improvement (Sylvania Township)	BWM	1 st Quarter 2018	\$ 920,000	Plans 75%, Send to FEMA Feb. 2018, Public Hearing Nov. 2017 R/W & Tree Clearing	
Hidden Springs & Hidden Meadows C.B. and Curb Inlet Repairs (Springfield Township)	BWM/SLR	1 st Quarter 2018	\$ 30,000	Plans 50% Complete	
Far Hills Subdivision C.B. and Curb Inlet Repairs (Sylvania Township)	BWM/SLR	1 st Quarter 2018	\$ 80,000	Plans 50% Complete	
Sylvania Township Drainage Improvements (Sylvania Township)	BWM	2018	\$ 50,000		
Clarion Avenue Drainage Improvement (Springfield Township)	BWM	2018	\$ 80,000	Survey In Plans 50%	
Springfield Township Drainage Improvements (Springfield Township)	BWM	2018	\$ 20,000		
Monclova Township Drainage Improvements (Monclova Township)	BWM	2018	\$ 50,000		

PROJECT NAME	PROJECT MANAGER	PROJECT LET DATE	CURRENT ENGINEER ESTIMATE	AWARDED CONTRACTOR	AWARDED AMOUNT
Van Dyke Culvert #3031 Extension (Jerusalem Township)	BWM	2018	\$ 65,000	Plans 75% Complete	
Washington Township Drainage Improvements (Washington Township)	BWM	2018	\$ 70,000		
Peter May Ditch Drainage @ Layer Road Improvement (Springfield Township)	BWM	3 rd Quarter 2018	\$ 70,000	Survey Ordered	
Potter Ditch Drainage Improvement Dorr Street – Dorr Street (Springfield Township)	BWM	3 rd Quarter 2018	\$ 90,000	Survey Ordered	
Monclova Township Drainage Project (Monclova Township)	BWM	3 rd Quarter 2018	\$ 200,000		
Heldman Ditch Drainage Improvement King Road to Plum Grove Subdv. (Springfield Township)	BWM	4 th Quarter-2018 1 st Quarter-2019	\$ 350,000*	Survey In	* Includes \$350,000 in 2019 budget
GRAND TOTAL			\$2,075,000.00		