



SCIOTO COUNTY ENGINEER'S OFFICE



ANNUAL REPORT 2019

Engineer's Welcome

This annual report informs the public about the accomplishments of the Scioto County Engineer's department for the calendar year 2019. Thank you for everyone's efforts this year, especially the County Engineer's employees, the Scioto County Commissioners, the Township Trustee Boards, and the other offices that work with our department.

It is an honor to serve as Scioto County Engineer. I am especially proud of the self-performed work completed by our staff. Whether it be culvert installation, engineering design, or any of the other services our staff provides, performing the work in-house results in saving taxpayer dollars.

Please contact us if you have any questions or concerns.

Sincerely,

Darren LeBrun, PE, PS
Darren LeBrun, P.E., P.S.
Scioto County Engineer



Scioto County Engineer
Darren LeBrun, P.E., P.S.

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Grant Projects

Total Grant Funding Acquired: \$2,684,557

Funding Acquired in 2018 / Construction Completed in 2019

2019 Scioto County/Township Highway Improvement Project

Total Project Cost: \$2,156,817.86

Total Grant Funding: \$1,281,990.00

Bloom Township Resurfacing of Railroad Hollow Rd	City of Portsmouth Waterline Installation on Calverts Ln	Harrison Township New culvert installation on Taylor Hill Rd and Kendall Rd	Madison Township Resurfacing of Coburn Road and Robert Warren Road	Morgan Township Resurfacing of Van Crebtree Rd, Hughes Rd, and McCall Rd
Union Township Resurfacing of Wrights Run Rd	Vernon Township Resurfacing of Chamberlin Rd, Turkey Foot Twp. Rd, Vernon Cemetery Rd, and Edward Jones Rd	Village of New Boston Resurfacing of Cedar St, Oak St, Pine St, and Spruce St	Village of South Web Resurfacing of South Jackson St, Village Sugar Camp Rd, Tripp St, Mittendorf Ave and North Jackson St	Washington Township Resurfacing of Longview Ave, 10 th St, 11 th St, 12 th St, 13 th St, 14 th St, 15 th St, and 16 th St
Scioto County Resurfacing of Haverhill - Ohio Furnace Rd, Bonser Run Rd, Calvert's Ln, Feurt Hill Rd, Lockner Rd, and Vern Riffe Dr; New bridge and guardrail on Gephart Rd				

Funding Acquired in 2019 / Construction To Be Completed in 2020

2020 Scioto County/Township Highway Improvement Project

Total Project Cost : \$2,162,611.00

Total Grant Funding: \$1,297,567.00

Brush Creek Township Resurfacing of Beech Fork Rd	City of Portsmouth Washington Blvd., Mame Ave, and Pershing Ave waterline installation	Clay Township Resurfacing of Twin Valley Rd, Hinkley Hollow Rd, and Heuter Hollow Rd	Green Township Resurfacing of Carver Rd	Jefferson Township Resurfacing of Lutz Hollow Rd, Rice Rd, Burns Rd -- Right Fork, and Evelyn Ave
Morgan Township Resurfacing of Roy Rogers Rd	Nile Township Resurfacing of Tipton Ln and Tipton Rd -- Right Fork	Porter Township Resurfacing of Highland Bend Rd, Simon Miller Rd, Giant Oaks Rd, Kenyon Rd, Park St, Green St, Bulwer St, and Northwood Ave	Bardeen Township Resurfacing of Dry Fork Rd and Smith Rd	Rush Township Resurfacing of Crowe Hollow Rd, Ghost Hollow Rd, and Roy Rogers
Valley Township Resurfacing of Thomas Hollow Rd	Scioto County Resurfacing of Center St, Hartley Rd, Turkey Foot Rd, Colley Rd, Lang Slocum Rd, Bussey Rd, and Center St; New bridge on Shepherds Fork Rd			

2020 Scioto County Joint Project

Total Project Cost: \$425,000.00

Total Grant Funding: \$105,000.00

Total Loan Funding: \$150,000.00

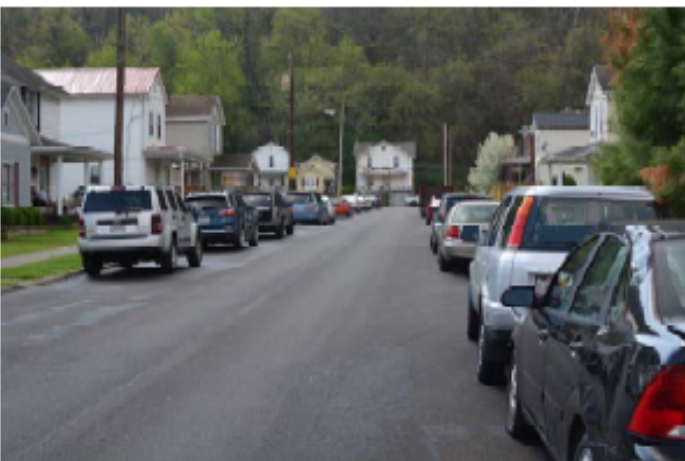
Porter Township

Roadway restructuring on Giant Oaks Rd

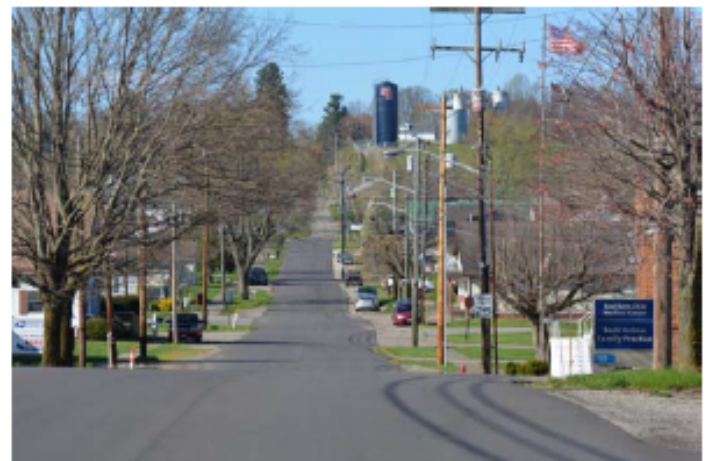
Scioto County

New bridge on Big Run Rd

New ultraviolet treatment lamps for the Wheelersburg Wastewater Treatment Plant



Road resurfacing on Oak St in New Boston.



Road resurfacing on North Jackson St in South Webster.

Grant Projects Completed in 2019



← WATERLINE INSTALLATION
+ ROAD RESURFACING
CALVERT'S LN (CR - 440)

→ BRIDGE INSTALLATION
GEPHART RD (CR - 13)



← NEW SIDEWALK
FRANKLIN FURNACE

2019 Scioto County/Township Highway Improvement Project Funding Overview

Entity	Grant Share	Grant %	Local Share	Local %	Total
1 Scioto County Engineer	\$506,346	62%	\$316,671	38%	\$823,017
2 Bloom Township	\$60,000	58%	\$43,178	42%	\$103,178
3 Harrison Township	\$60,000	52%	\$55,153	48%	\$115,153
4 Madison Township	\$60,000	59%	\$42,204	41%	\$102,204
5 Morgan Township	\$22,500	57%	\$16,805	43%	\$39,305
6 Union Township	\$60,000	59%	\$41,445	41%	\$101,445
7 Vernon Township	\$60,000	58%	\$43,080	42%	\$103,080
8 Washington Township	\$60,000	59%	\$42,163	41%	\$102,163
9 Village of South Webster	\$60,000	59%	\$41,928	41%	\$101,928
10 Village of New Boston	\$50,274	55%	\$40,614	45%	\$90,888
11 City of Portsmouth	\$258,000	60%	\$175,006	40%	\$433,006
12 CR-1 Gallia Pike Work	\$24,870	60%	\$16,580	40%	\$41,450

2019 Joint County/Township Cooperative Purchasing

*Estimate of township savings for the 2019 cooperative purchasing program administered by the County Engineer. The estimated retail price minus the actual cost charged to the townships equals the estimated savings. The Board of County Commissioners authorizes the program and the County Prosecutor prepares the legal documentation.

Bloom: \$ 30,740.83 Brush Creek: \$ 4,946.80 Clay: \$ 9,805.00 Green: \$ 32,080.30

Harrison: \$ 19,169.40 Jefferson: \$ 24,018.88 Madison: \$ 80,042.00 Morgan: \$ 23,989.35

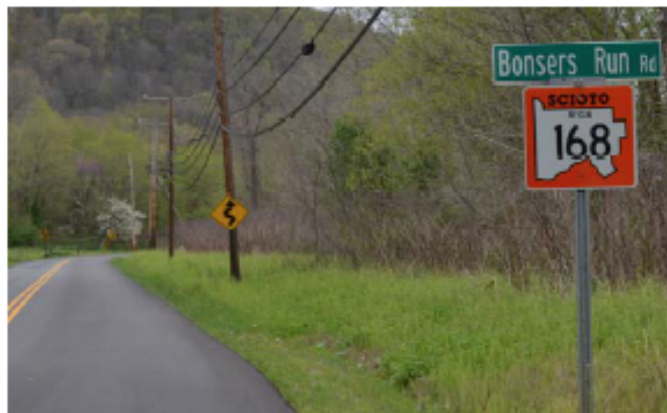
Nile: \$ 13,894.20 Porter: \$ 44,961.40 Rarden: \$ 5,116.18 Rush: \$ 20,756.52

Union: \$ 31,336.16 Valley: \$ 200.00 Vernon: \$ 27,809.60 Washington: \$ 24,923.80

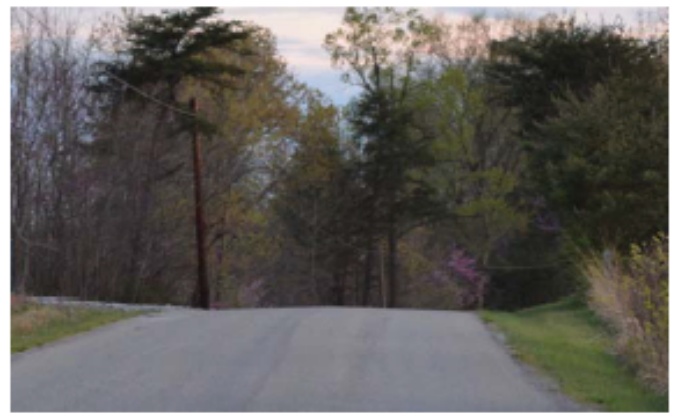
***Total Estimated Savings: \$ 393,790.42**

2019 County Road Resurfacing

ROAD #	ROAD NAME	FROM	TO	TOTAL
CR-221	Stockham Rd	St. Rt. 139	Kentucky Trail	\$35,456.08
CR-291	Bloom Furnace Rd	St. Rt. 140	County Line	\$33,336.54
CR-2	Lick Run Lyra Rd	Clinton Furnace, Havens, St. Rt. 140	Turkey Foot, St. Rt. 140	\$81,517.35
CR-5	Turkey Foot Rd	Germany Hollow	Lick Run Lyra	\$36,093.28
CR-241	Tick Ridge - East Rd	Wheelers Mill	Gephart	\$27,266.48
CR-251	Hastings Hill Rd	St. Rt. 140	Ohio River Road	\$7,025.26
CR-168	Bonser Run Rd	Woods Ridge	City Limits	\$42,187.30
CR-243	Dutch Ridge Rd	Swauger Valley	Swauger Valley	\$35,795.61
CR-246	Stout Hollow Rd	Dutch Ridge	St. Rt. 335	\$6,025.26
CR-269	Poplar Fork Rd	St. Rt. 522	Clinton Furnace	\$49,749.89
CR-41	Big Spruce-Little Bear Creek Rd	St. Rt. 73	Bear Creek Rd/ Forest Rd.	\$37,935.23
CR-135	Cramer Rd	Sedan Crabtree	Big Bear Creek Road	\$24,802.01
CR-48	Arion Rd	St. Rt. 73	Henley Deemer Road	\$35,024.45
CR-34	Sedan-Crabtree Rd	St. Rt. 348	Mccorkle Rockwell	\$26,515.42
CR-54	Morris Lane	Morris Lane	St. Rt. 823 (By-Pass)	\$6,393.61
CR-20	Salem Rd	St. Rt. 139	St. Rt. 139	\$16,995.29
CR-169	Woods Ridge Rd	St. Rt. 139	Bonser	\$4,924.74
CR-7	Junior Furnace Rd	Jr. Road	St. Rt. 522	\$44,122.85
CR-45	Henley - Deemer Rd	Arion	Henley Comstock	\$22,885.24
CR-47	Pollock Rd	Colley Road	McDermott - Pond Creek Rd	\$27,299.11
CR268	Big Pete Rd	St Rt. 522	Gallia Pike	\$48,951.50
CR62	Oaks Rd	St. Rt. 522	Junior Furnace	\$24,746.29
TOTAL				\$675,048.79



Bonser Run Rd (CR-168)

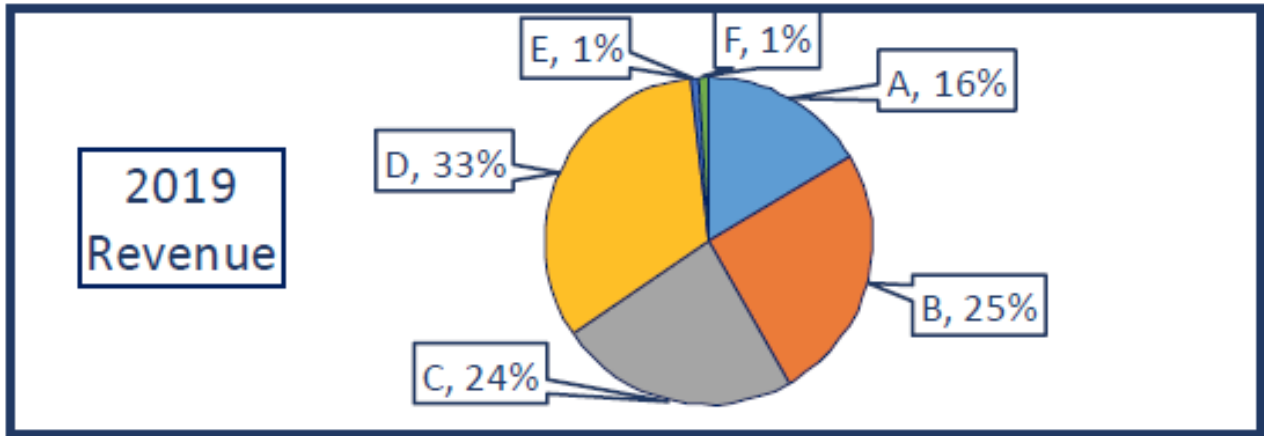


Woods Ridge Rd (CR-169)

2019 Revenue & Expenses

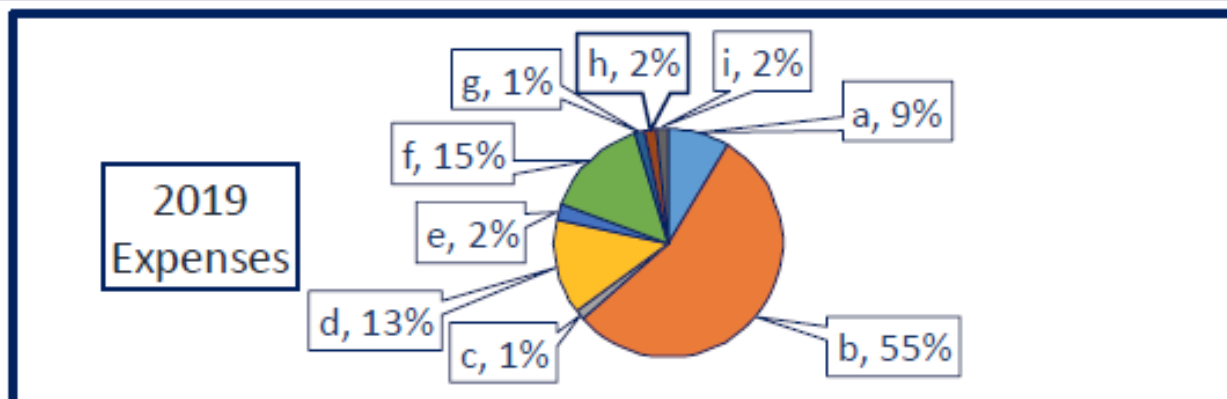
2019 Revenue (in USD)

<i>(A) CEAO/ODOT/FEMA Funding</i>	\$ 1,470,499.46
<i>(B) OPWC Issue 1</i>	\$ 2,266,801.01
<i>(C) Motor Vehicle Tax</i>	\$ 2,112,690.99
<i>(D) Gasoline Tax</i>	\$ 2,939,200.28
<i>(E) Township Reimbursement</i>	\$ 59,366.86
<i>(F) Other</i>	\$ 88,993.31
Total	\$ 8,937,551.91



2019 Expenses (in USD)

<i>(a) Employee Benefits</i>	\$ 749,036.97
<i>(b) Contract Projects</i>	\$ 4,742,750.89
<i>(c) Equipment</i>	\$ 131,750.17
<i>(d) Payroll</i>	\$ 1,155,668.46
<i>(f) Fuel/Repair</i>	\$ 208,264.53
<i>(g) Materials</i>	\$ 1,278,025.99
<i>(h) Purchased Services</i>	\$ 102,734.34
<i>(i) Contract Services</i>	\$ 152,188.10
<i>(j) Other</i>	\$ 148,423.25
Total	\$ 8,668,842.70



2019 Equipment Acquisitions

Acquisition of pre-owned equipment to minimize purchase costs.

County Engineer forces maintain all County equipment.

Equipment	New Price	Purchase Price
2000 Cronhite 3300 Trailer	\$7,000.00	\$1,500.00
2002 Gradall XL4100 Excavator	\$420,615.00	\$30,153.75
1978 Allis Chalmers ACP608 Forklift	\$30,000.00	Free
2013 GMC 1500 Ext. 4 x 4 Truck	\$27,000.00	\$8,075.00
2005 GMC 3500 Service Truck	\$49,000.00	\$2,736.35
1991 CZ 32K Low Boy Trailer	\$18,000.00	\$813.30
1995 International Tandem Dump	\$120,000.00	\$19,100.00
2014 GMC 1500 Dbl. Cab 4 x 4 Truck	\$27,000.00	\$6,075.00
2016 GMC 1500 Dbl. Cab 4 x 4 Truck	\$27,000.00	\$8,400.00
1998 John Deere 190E Excavator	\$125,000.00	\$7,756.99
2003 John Deere 7220 Boom Mower	\$130,000.00	\$29,500.00
Totals	\$980,615.00	\$114,110.39

Acquisition Savings: \$866,504.61

2019 Work Completed By County Forces on County Roads



Mowing	→	2,490 miles
Roadway Resurfacing	→	68.33 miles
Berming	→	63.23 miles
Drag Patching	→	18 miles
Ditching	→	54 miles
Plastic & Concrete Culverts	→	141 installed
Concrete Box Culverts	→	1 built
County-wide Snow Treatments (Winter '18/'19)	→	10 times
Bridge Repair	→	1 repair
Crack Sealing	→	5.75 miles

2019 Culverts Installed

Road Name	Number of Culverts Installed	Cost
Arion Rd	4 plastic	\$ 2,914.45
Back Run Rd	2 plastic	\$ 2,797.78
Big Pete Rd	1 concrete, 2 plastic	\$ 6,273.10
Big Spruce - Little Bear Rd	1 concrete	\$ 6,138.25
Bloom Furnace Rd	1 plastic	\$ 2,500.20
Bonser Rd	2 concrete, 15 plastic	\$ 36,390.74
Bussey Rd	5 plastic	\$ 4,914.61
Calverts Ln	3 plastic	\$ 3,098.54
Clinton Furnace Rd	1 plastic	\$ 1,067.87
Cockrells Run Rd	5 plastic	\$ 5,597.00
Colley Rd	6 plastic	\$ 8,390.05
Cook Rd	1 plastic	\$ 1,314.63
Cramer Rd	1 plastic	\$ 1,269.01
Duck Run - Otway Rd	11 plastic	\$ 13,972.61
Feurt Hill Rd	3 plastic	\$ 6,390.73
Flack Rd	1 plastic	\$ 1,952.33
Hastings Hill Rd	1 plastic	\$ 1,354.46
Haverhill - Ohio Furnace Rd	1 concrete, 1 plastic	\$ 7,105.10
Jake Kuhn Rd	1 plastic	\$ 1,064.27
Junior Furnace - Powellsville Rd	2 plastic	\$ 3,722.84
Lang Slocum Rd	6 plastic	\$ 9,510.49
Lick Run - Lyra Rd	1 concrete, 1 plastic	\$ 11,126.46
Mohawk Dr	2 plastic	\$ 3,844.40
Oakes Rd	5 plastic	\$ 4,978.57
Old State Route 335	1 plastic	\$ 868.71
Pine Creek Rd	2 plastic	\$ 2,711.73
Pollock Rd	4 plastic	\$ 9,011.97
Poplar Fork Rd	3 concrete, 1 plastic	\$ 25,969.03
Rarden - Hazelbaker Hill Rd	3 concrete, 3 plastic	\$ 31,605.92
Rocky Fork Rd	2 concrete, 9 plastic	\$ 35,589.27
Sedan - Crabtree Rd	1 plastic	\$ 1,105.81
Stout Hollow Rd	1 plastic	\$ 1,264.72
Sugar Camp Rd	1 plastic	\$ 798.67
Tick Ridge Rd	1 plastic	\$ 1,615.83
Upper Twin Creek - Rocky Fork Rd	10 concrete, 11 plastic	\$ 65,604.75
White Gravel McDaniel Rd	13 plastic	\$ 13,159.55
Total	138 Culverts	\$ 336,994.45