



SCIOTO COUNTY ENGINEER'S OFFICE



ANNUAL REPORT 2020

Engineer's Welcome

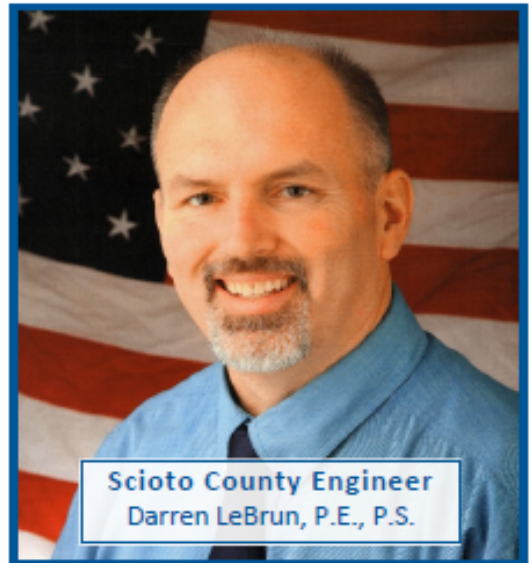
This annual report informs the public about the accomplishments of the Scioto County Engineer's department for the calendar year 2020. Thank you for everyone's efforts this year, especially our employees, the Scioto County Commissioners, the Township Trustee Boards, and the other offices that work with 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, P.E., P.S.
Scioto County Engineer



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

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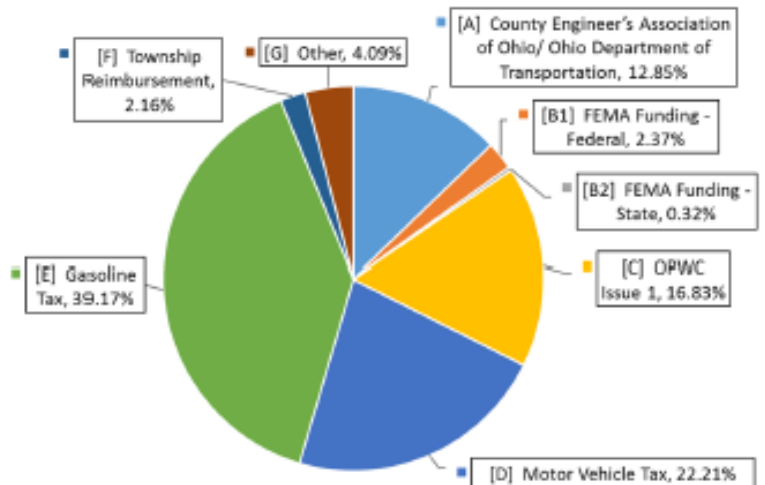
2020 Revenue & Expenses

The majority of the Scioto County Engineer's revenue comes from the motor vehicle gas tax and the motor vehicle license tax. These taxes are collected and distributed by the State. Additional revenue comes in the form of various grants. Grant funds come from several sources and are normally used for specific projects.

It is the goal of our office to maintain a budget carryover (for revenues to exceed expenses). Carryover funds are used in later years for matching grant funds, emergencies, etc.

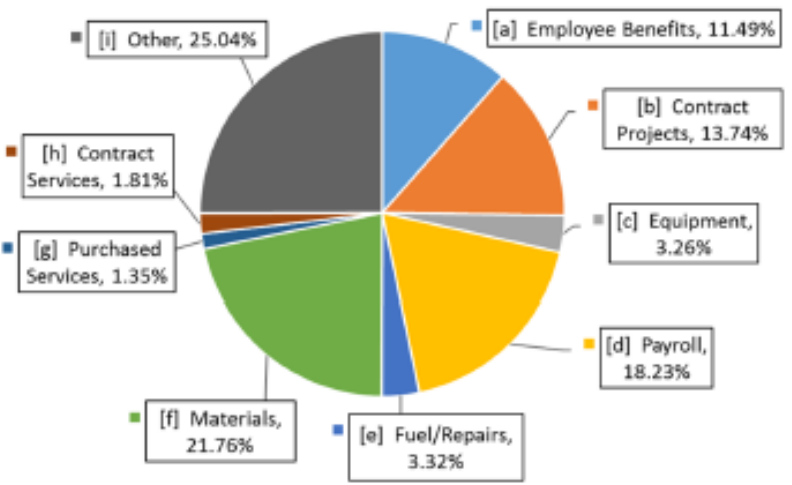
2020 Revenue: \$9,227,159.25

[A] County Engineer's Association of Ohio/Ohio Department of Transportation	\$1,185,635.40
[B1] FEMA Funding - Federal	\$218,394.43
[B2] FEMA Funding - State	\$29,969.76
[C] OPWC Issue 1	\$1,552,567.00
[D] Motor Vehicle Tax	\$2,049,712.92
[E] Gasoline Tax	\$3,614,207.26
[F] Township Reimbursement	\$198,853.52
[G] Other	\$377,818.96



2020 Expenses: \$6,696,660.87

[a] Employee Benefits (Retirement, Insurance, Etc.)	\$769,759.37
[b] Contract Projects	\$919,837.79
[c] Equipment	\$218,112.42
[d] Payroll	\$1,220,879.85
[e] Fuel/Repairs	\$222,409.17
[f] Materials	\$1,457,226.79
[g] Purchased Services	\$90,381.98
[h] Contract Services	\$121,157.65
[i] Other	\$1,676,895.85



2020 Joint County/Township Cooperative Purchasing

*Estimate of township savings for the 2020 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: \$1,040	Brush Creek: \$6,315	Clay: \$6,158	Green: \$72,080
Harrison: \$67,653	Jefferson: \$1,851	Madison: \$135,318	Morgan: \$490
Nile: \$7,356	Porter: \$126,560	Rarden: \$14,585	Rush: \$23,662
Union: \$7,280	Valley: \$14,040	Vernon: \$0	Washington: \$0

***Total Estimated Savings: \$484,388**

2020 County Surplus/Pre-Owned Equipment Acquisitions

Acquisition of surplus/pre-owned equipment to minimize purchase costs. County Engineer forces maintain all County equipment.

Equipment	New Price	Purchase Price
2000 Freightliner FL-70 Tar Distributor	\$180,000.00	\$8,842.60
2001 Chevrolet GMT-400 C3500H Bucket Truck	\$110,000.00	\$6,303.20
2002 Dodge Ram Utility Truck	\$60,000.00	\$1,600.00
2003 International 7600 Tandem-Axle Truck	\$120,000.00	\$27,800.00
2004 International 7400 Single-Axle Dump Truck	\$140,000.00	\$5,500.00
2004 John Deere 7220 Boom Mower	\$130,000.00	\$30,000.00
2005 International 7400 Single-Axle Dump Truck	\$140,000.00	\$6,500.00
2005 International 7400 Tandem-Axle Truck	\$120,000.00	\$27,015.00
2006 John Deere 777 Mower	\$12,000.00	\$1,095.15
2006 Vermeer BC1400 Chipper	\$60,000.00	\$2,913.76
2007 International 7400 Single-Axle Dump Truck	\$140,000.00	\$6,448.75
2014 GMC 1500 Double Cab 4x4 Truck	\$27,000.00	\$6,075.00
Ferris IS5100 Mower	\$18,000.00	\$5,170.00
Totals	\$1,257,000.00	\$135,263.46

Estimated Acquisition Savings: \$1,121,736.54

2020 Rebuilt/Refurbished Equipment by County Forces



The photo above displays the single-axle and tandem-axle trucks purchased by the county in 2020.

The two tandem-axle trucks (far right, 2nd from right) were converted from flatbed trucks to dump trucks and painted by County Engineer forces. The estimated cost for two new tandem-axle dump trucks is \$240,000. The total purchase amount paid for the tandem-axle trucks was \$54,815.

The three single-axle trucks (far left, 2nd from left, 3rd from left) were purchased as surplus equipment. The single-axle trucks were refurbished and painted by County Engineer forces. The estimated cost for three new single-axle dump trucks is \$420,000. The total purchase amount paid for the single-axle trucks was \$18,448.75.

Grant Projects

Total Grant Funding Acquired: \$2,644,085.00

Funding Acquired in 2019, Construction 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 on Beech Fork Road.

Clay Township: Resurfacing on Hinkley Hollow Road, Heuter Hollow Road, and Twin Valley Road.

Green Township: Resurfacing on Carver Road.

Jefferson Township: Resurfacing on Burns Right Fork Road, Evelyn Avenue, Lutz Hollow Road, and Rice Road.

Morgan Township: Resurfacing on Roy Rogers Road.

Nile Township: Resurfacing on Lower Twin Creek Road, Tram Road, and Worley's Run Road.

Porter Township: Resurfacing on Bulwer Street, Giant Oaks Road, Green Street, Highland Bend Road, Kenyon Road and Kenyon Road shoulder, Northwood Avenue, Park Street, and Simon Miller Road.

Rarden Township: Resurfacing on Dry Fork Road and Smith Road.

Rush Township: Resurfacing on Crowe Hollow Road, Ghost Hollow Road, and Roy Rogers Road.

Valley Township: Resurfacing on Thomas Hollow Road.

City of Portsmouth: Waterline installation at Marne Avenue, Pershing Avenue, and Washington Boulevard.

Scioto County: Milling, resurfacing, and pavement marking on Center Street. Resurfacing and pavement marking on Bussey Road, Colley Road, Hartley Road, Lang Slocum Road, and Turkey Foot Road. Bridge replacement and roadway restructuring on Shepherd Fork Road.

2020 Scioto County/Township Highway Improvement Project Funding

Entity	Grant Share	Grant %	Local Share	Local %	Total
Brush Creek Township	\$60,000	60%	\$40,000	40%	\$100,000
Clay Township	\$60,000	60%	\$40,000	40%	\$100,000
Green Township	\$60,000	60%	\$40,000	40%	\$100,000
Jefferson Township	\$45,312	60%	\$30,208	40%	\$75,520
Morgan Township	\$15,648	60%	\$10,432	40%	\$26,080
Nile Township	\$60,000	60%	\$40,000	40%	\$100,000
Porter Township	\$60,000	60%	\$40,000	40%	\$100,000
Rarden Township	\$60,000	60%	\$40,000	40%	\$100,000
Rush Township	\$60,000	60%	\$40,000	40%	\$100,000
Valley Township	\$60,000	60%	\$40,000	40%	\$100,000
City of Portsmouth	\$225,000	60%	\$150,000	40%	\$375,000
Scioto County	\$531,607	60%	\$354,404	40%	\$886,011
Totals	\$1,297,567	60%	\$865,044	40%	\$2,162,611

2020 Scioto County Joint Project

Total Project Cost: \$425,000.00

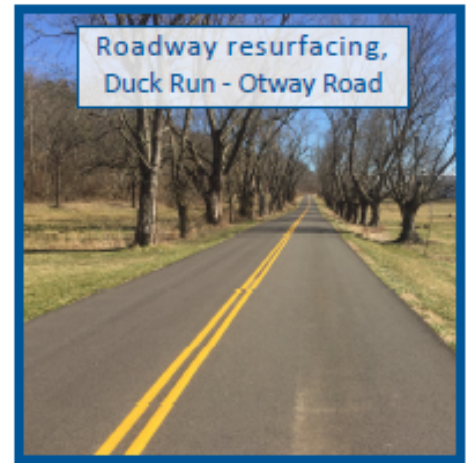
Total Grant Funding: \$105,000.00

Total Loan Funding: \$150,000.00

Porter Township: Roadway elevation and resurfacing on Giant Oaks Road.

Scioto County: New bridge on Big Run Road. New ultraviolet treatment lamps for Wheelersburg Wastewater Treatment Plant.

2020 Completed Projects



Funding Acquired in 2020, Construction to be completed in 2021

2021 Scioto County/Township Highway Improvement Project

Total Project Cost: \$2,069,197.00

Total Grant Funding: \$1,241,518.00

Bloom Township: Resurfacing on Simmering Road.

Madison Township: Resurfacing on Kulp Road.

Morgan Township: Resurfacing on Altman Road, Martin Cemetery Road, and McCorkle - Rockwell Road.

Rush Township: Resurfacing on Martin Cemetery Road.

Union Township: Resurfacing on Martin Cemetery Road and Wright's Run Road.

Vernon Township: Resurfacing on Snook Road.

Washington Township: Resurfacing on Moore's Lane.

Village of New Boston: Milling, resurfacing, and pavement marking on Blaine Avenue, Columbia Street, Grace Avenue, and Taft Avenue. Resurfacing on alley between Grace Avenue and Stanton Avenue.

Village of South Webster: Resurfacing on Ferguson Street, Havener Lane, North Bennett Street, Potts Street, South Bennett Street, Webster Street, and Wood Street.

Scioto County: Bridge replacement on Big Spruce - Little Bear Creek Road. Resurfacing and pavement marking on Big Run Road, Essman - Sugar Camp Road, Flatwood - Fallen Timber Road, Havener Lane, Jackson Furnace Road, Morris Lane - Blue Run Road, Tick Ridge Road, and Washington Boulevard. Pavement marking on Ohio River Road.

2020 Work Completed By County Forces on County Roads

Work Type	Total
Berming	134 miles
Bridge Repair	2 repairs
Concrete Box Culverts	3 built
County-wide Snow Treatments (Winter '19/'20)	5 times
Ditching	18 miles
Drag Patching	72 miles
Mowing	2,075 miles
Plastic & Concrete Culverts	99 culverts
Roadway Resurfacing	60.88 miles



2020 County Road Resurfacing by County Forces

Road Name	Work Area	Miles	Total Cost
Clinton Furnace Road	Entire Road	5.74	\$59,095.57
Cockrell's Run Road	Entire Road	3.44	\$44,294.64
Jake Kuhn Road	Entire Road	0.26	\$4,016.73
Lick Run - Lyra Road	Turkey Foot Road to Havens Road	1.73	\$15,140.26
Maple Benner Road	U.S. Route 23 to Feurt Hill Road	1.6	\$18,008.86
Millers Run - Back Run Road	Entire Road	7.07	\$68,700.00
Oak Hill Branch Road	Entire Road	1.6	\$13,064.76
Old State Route 335	Entire Road	0.18	\$2,131.92
Pine Creek Road	Entire Road	3.88	\$39,833.42
Rarden Hazelbaker Road	Entire Road	7.98	\$79,821.72
Rocky Fork Road	Entire Road	8.6	\$75,357.57
Upper Twin Creek Road	Entire Road	10.54	\$103,761.10
White Gravel - McDaniel Road	White Gravel - Dewey Road to State Route 139	8.26	\$85,505.70
Total		60.88	\$ 608,732.25

2020 Culvert Installations by County Forces

Road Name	Number of Culverts Installed	Cost
Bennett School House Road	6 plastic	\$7,783.50
Big Run Road	17 plastic	\$23,045.46
Big Spruce - Little Bear Creek Road	7 plastic, 1 concrete	\$16,291.19
Burns Hollow Road	2 plastic	\$1,948.08
Carey's Run - Pond Creek Road	1 plastic, 1 concrete	\$13,182.18
Dace Road	4 plastic	\$7,137.97
Dry Run Road	2 plastic	\$2,212.08
Essman - Sugar Camp Road	7 plastic	\$7,969.65
Fairground Road	1 plastic	\$2,310.33
Flatwood - Fallen Timber Road	3 plastic	\$2,732.14
Great Meadow Road	1 plastic, 1 concrete	\$9,043.62
Henley Comstock Road	1 plastic	\$1,630.28
Jackson Furnace Road	3 plastic	\$3,545.64
Kentucky Trail - Haines Road	8 plastic, 1 concrete	\$18,872.57
Lang Slocum Road	1 concrete	\$9,836.62
Lick Run - Lyra Road	4 plastic	\$4,445.34
Millers Run - Fallen Timber Road	1 plastic	\$1,891.79
Morris Lane - Blue Run Road	1 plastic	\$2,056.75
Neff Bratton Road	2 plastic	\$5,092.62
Schwamberger Road	2 plastic, 1 concrete	\$8,442.38
Tick Ridge Road	12 plastic, 1 concrete	\$25,351.27
Washington Boulevard	7 plastic	\$8,778.92
Total	92 plastic, 7 concrete (99 total)	\$183,600.38



2020 Bridge Installations by County Forces

The County Engineer's forces installed three bridges in 2020. Two bridges were installed on Big Run Road and one was installed on Shepherd Fork Road. The bridges are three-sided box bridges that were fabricated in-house by county forces.

Road Name	Bridge Number	Force Account Cost
Big Run Road	3.61	\$29,980.40
Big Run Road	3.73	\$38,968.57
Shepherd Fork Road	1.31	\$23,440.77



Visit Our Website!

We have revamped our website.

Visit us at www.sciotocountyengineer.org to learn more about the Scioto County Engineer's Office, view our tentative roadwork schedule, access our permits and forms, view our GIS mapping system, report a problem, and more!

You can access the website directly by scanning the QR code on this page with a cellphone.



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