



Year in Review

Honorable Board of Clark
County Commissioners

In compliance with Section 5543.02 of the Ohio Revised Code, it is my pleasure to provide you with this 2018 annual report. It contains details of our projects over the past year maintaining county roads, bridges, and culverts. Along with descriptions of completed projects, the report includes updates on future projects. If you have any questions regarding this report do not hesitate to contact me.

As always, I appreciate the opportunity to serve you and the citizens of Clark County as your County Engineer.

2018 ANNUAL REPORT

Ohio Revised Code 5543.02

Johnathan A. Burr, P.E., P.S.
Clark County Engineer

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Springfield, Ohio 45505

Paul W. DeButy, P.E., P.S.
Chief Deputy

Kenneth D. Fenton, P.S.
Deputy Engineer Operations

Thomas W. Bender, P.E.
Project Design Engineer

BRIDGE PROJECTS

2018

Croft Road Bridge No. 422

80% Federal funding / 20% OPWC funding

The project included minor bridge deck rehabilitation and guardrail improvements as part of the Croft Road Project.

SHV Bridge Load Rating

50% Federal funding up to \$17,125

The project included the load rating of 20 bridges to include an additional rating for Special Hauling Vehicles (SHV) and Engineering Vehicles (EV).

Coming up . . .

2019

North Hampton Road Bridge No. 1255

74% OPWC funding up to \$899,925

This project will replace Bridge No. 1255, an existing 110 foot long, three (3) span continuous steel beam bridge with a reinforced concrete deck bridge on capped pile piers and abutments, which carries North Hampton Road over Donnel's Creek. The proposed structure will be a single span pre-stressed concrete I beam superstructure with a composite reinforced concrete deck on semi-integral capped pile abutments.

Springfield Xenia Road Bridge No. 1076

80% Federal funding / 20% OPWC funding in conjunction with the overall roadway project

The project will rehabilitate Bridge No. 1076 over Mill Creek by replacing the existing concrete slab bridge with a new superstructure on modified abutments. Funding is being provided through ODOT (FHWA Funds) and Ohio Public Works Commission.

Newlove Road Bridge No. 825

95% State funding up to \$1,239,700

The project consists of the replacement of an existing single span steel truss bridge on Township Road 98 Newlove Road over Beaver Creek with a single span composite box beam bridge. Funding is provided through the County Engineer's Association of Ohio and ODOT Credit Bridge Program.

County Bridge Replacements (County Crews)

2018

Baker Road Bridge No. 293

Mitchell Road Bridge No. 1034

Upper Valley Pike Bridge No. 290

Snyder Domer Road Bridge No. 265

Sparrow Road Bridge No. 1609

Willowdale Road Bridge No. 252 (Rehabilitation)

2019

Rebert Pike Bridge No. 1015

Milton Carlisle Road Bridge No. 1207

Dille Road Bridge No. 1238

ROADWAY PROJECTS

2018

Croft Road Reconstruction

80% Federal funding up to \$2,176,501.26

20% OPWC funding up to \$482,500.00

The project included shoulder widening, left-turn lane construction at Robert Eastman Road, dedicated bike lanes from State Route 4 to the bike path, road resurfacing, pavement markings, minor bridge deck rehabilitation and guardrail improvements on Croft Road from State Route 4 to Columbus Avenue.

New Carlisle Pike

80% Federal funding up to \$856,000

The project included milling and resurfacing of 8.36 miles of roadway, placing aggregate berm material for the shoulders, new pavement markings, and raised pavement markers throughout the project

Urbana Road Turn lanes

\$105,000 ODOT Office of Jobs & Commerce Grant

\$275,000 Roadwork Development Grant

The project consisted of constructing improvements on Urbana Road between Tremont City Road and Willow Road (CLA-TR174). The improvements included adding two southbound left-turn lanes, one northbound left turn lane and modifications to the existing median crossings.



Curve Study

90% Federal funding up to \$27,720

The project included a ball bank study on curves on county routes. The study will be used to ensure all curve signs are in compliance with current regulations.

Resurfacing Contract

Locally funded contract: \$1,323,334.20

Clark County along with Bethel, German, Harmony, Mad River, Madison, Moorefield, Springfield Townships, City of New Carlisle, and the Village of Enon participated in a cooperative bid to resurface approximately 19 miles of roadway. The contractor for the project was A & B Asphalt Corporation. The County portion was \$289,602.36.

Pavement Marking

Locally funded contract: \$238,600.00

The 2018 Pavement Marking contract consisted of approximately 203 miles of county roads, 63 miles of

township roads and secondary markings located within Clark County, Ohio. The project was contracted as a cooperative bid, including Clark County, Bethel, Mad River, Moorefield, Pike, and Springfield Townships. The contractor for the project was Aero-Mark, Inc. of Streetsboro, Ohio. Clark County's share of the contract was \$202,601.60.

Looking ahead . . .

2019

Springfield Xenia Road

80% Federal funding up to \$1,800,000

The Clark County Engineer's Office has received federal funds to rehabilitate Springfield-Xenia Road from US68 to the Springfield corporation limits near Driscoll Avenue. The project will resurface the roadway, replace the traffic signal at Possum Road, and rehabilitate Bridge #1076 over Mill Creek located between Fairfield Pike and US68.

Guardrail Upgrades

100% Federal funding up to \$300,000

The Clark County Engineer's Department has received federal funding to update deteriorated guardrail throughout the county and will require the removal of approximately 11,395 feet of Type 5 guardrail and replacement with over 11,430 linear feet of Type MGS guardrail, as well as numerous bridge terminal and various anchor assemblies.



Multi Road Resurfacing

50% OPWC funding up to \$424,000

The proposed roadway improvements to Robert Eastman Road, Buck Creek Lane and Old Columbus Road consists of milling, minor excavation (widening), intermediate resurfacing, surface, aggregate berm and the replacement of the existing traffic signal at Buck Creek Lane and Old Columbus Road.

2022

Enon-Xenia Road

80% Federal funding up to \$1,632,000 and 100% federal funding up to \$220,000

The project will install left turn lanes as needed in support of the new Greenon School, replace the deteriorating storm sewer system from Mud Run to Green Vista Drive, construct a shared use path from Hunter Road to Green Vista Drive, rehabilitate the bridge over Mud Run, and resurface the roadway from the bridge to Dayton-Springfield Road. Enon-Xenia Road is due for rehabilitation at the same time that Greenon Local Schools is planning to construct a new K-12 school at the existing Indian Valley school site. Residents have requested a sidewalk or path along Enon-Xenia for student safety, and turn lanes will accommodate the increased school traffic. Flooding and drainage problems are occurring at the intersection of Enon-Xenia Road and Green Vista Drive. The new storm sewer will provide the ability to address these issues, improve inlets at the intersections, and provide a better drainage outlet for the new school site as needed.

Selma Pike / Possum Road Roundabout

100% Federal funding up to \$840,000

The project will construct a roundabout at the intersection of Selma Pike and East Possum Road in Springfield Township. Clark Shawnee Schools has received funding to construct a new elementary school on the southeast corner of Selma Pike at E. Possum Road across from the existing Shawnee High School. The traffic impact study for the project is projecting a severe deficiency at the existing intersection. Multi-way stop warrants and traffic signal warrants were not met, and a roundabout is proposed as the most effective solution.

ASSISTING OTHER AGENCIES

2018

Mad River Township

60% OPWC funding up to \$150,000

This was an Ohio Public Works project consisting of pavement repairs, resurfacing, aggregate berm and new pavement markings on Old Mill Road in Mad River Township.



2019

Bethel Township

74% OPWC funding up to \$103,600

This is an Ohio Public Works Project on Lake Road in Bethel Township. The project consists of pavement repairs, asphalt resurfacing, aggregate berms and new pavement markings.

Springfield Township

100% CDBG funding up to \$123,110

This is a Community Development Block Grant project on Iroquois Avenue in Springfield Township. The project consists of curb and gutters, catch basin repairs, milling and asphalt resurfacing.

Annual Maintenance

308.48 miles of
County Maintained Roadway

235 Bridges

Tree Trimming

Roadside Mowing

Ditch Maintenance

Culvert Replacements

Street Sweeping

DuraPatching

Crack Seal

Chip & Seal

Fog Seal

SEASONAL EFFORTS

Snow Removal

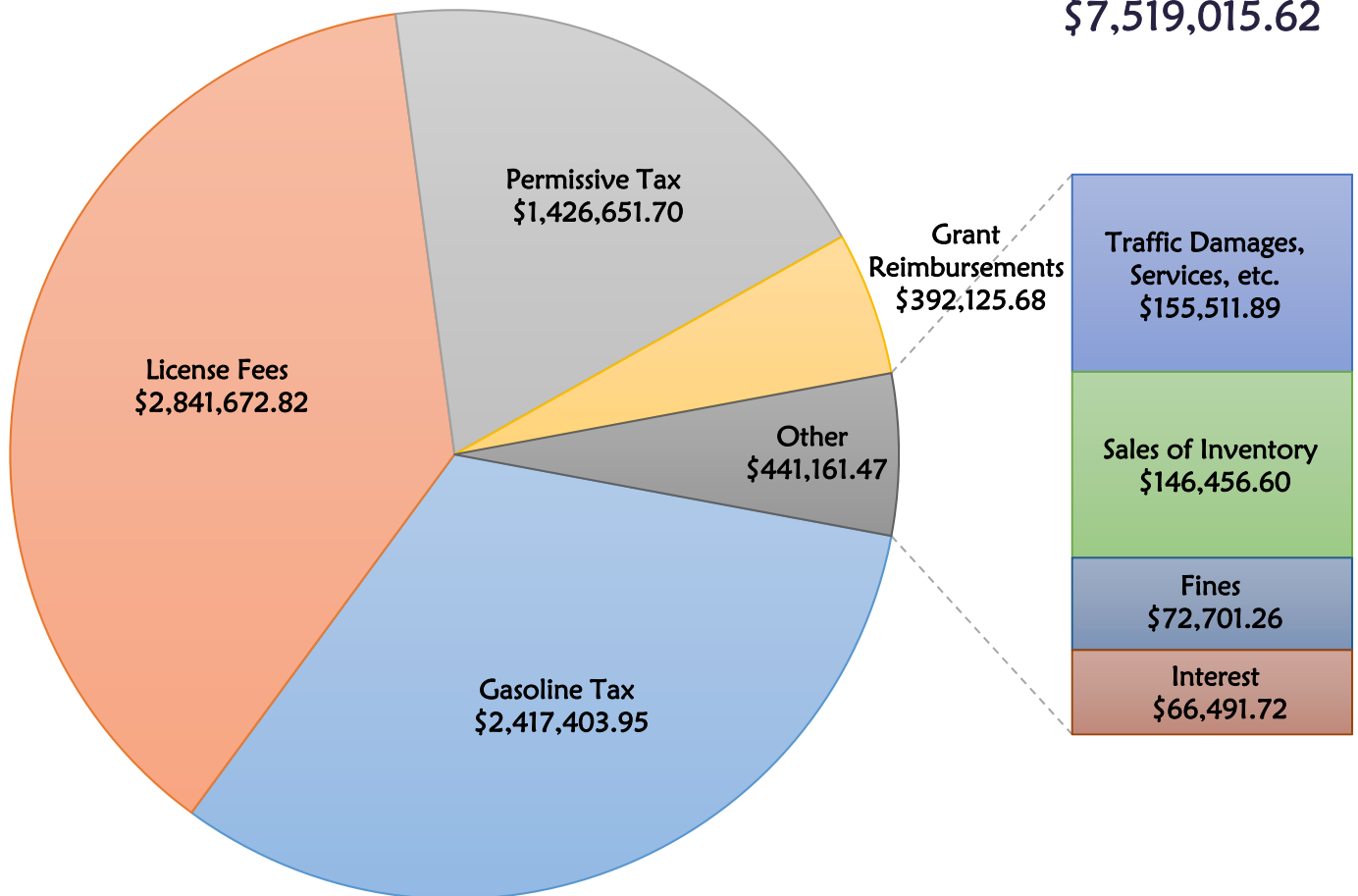
The price for Mixed Grits remains the same at \$46.37 per ton. In 2018 Compass Minerals won the bid with a road salt price of \$75.93 per ton. The County was committed to purchasing a minimum of 2,250 tons and a maximum of 2,750 tons. We just received results of the 2019 Road Salt Contract with Detroit Salt Company winning the bid at \$79.69 per ton. Clark County must purchase at least 5,400 tons and a maximum of 6,600 tons.

Ditch Maintenance

In addition to the normal maintenance consisting of mowing the county-maintained ditches, cleanouts are proposed to the Wallingsford Ditch, a portion of the Gilroy-Dunn Ditch, a portion of Goose Creek, and waterway on the Lucas-Wilt Ditch.

WHERE DOES THE MONEY GO?

2018 Revenue
\$7,519,015.62



2018 Expenses

Payroll	\$ 1,924,371.71
Fringes	\$ 907,982.58
Supplies / Print	\$ 17,616.88
Education / Memberships	\$ 4,429.44
Salt / Asphalt / Emulsion / Gravel, Etc.	\$ 1,299,600.21
Land Acquisition	\$ -
Equipment	\$ 533,902.85
Contract Services / Design	\$ 119,901.29
Contract Projects / Construction	\$ 1,080,854.82
Misc / Grounds / Utilities	\$ 111,679.83
Diesel / Gasoline	\$ 159,583.40
Garage / Equipment Repair	\$ 367,555.99
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	\$ 6,527,479.00



CLARK COUNTY ENGINEER EMPLOYEES

Management and Office Staff

Paul DeButy, P.E., P.S., Chief Deputy

Kenneth D. Fenton, P.S., Deputy Operations

Thomas Bender, P.E., Design Engineer

Pamela Fulton
Office Manager

Robert McClure, Jr.
Engineering Technician

Ashley Kress
Administrative Specialist

Alyssa Dunham
Tax Map Technician

Supervisory Personnel

Robert Mounts, Jr., Road

Brian Locke, Road

Gregory Fitzsimmons, Drainage

Samuel Thackery, Bridge

Thomas Smith, Traffic

Derek Thompson, Garage

County Crews

Aaron Ashbaugh

Bryan Elliott

Jeffrey Jones

Gene Taylor

Jeremy Berezcky

Tammi Flaherty

John P. Loney

Jason Underdue

Jason Berner

Ronald Fleming

Jacob Pencil

Joshua Wagner

Darien Bowman

Robert Gaus

Ryan Pequignot

Jason Weaver

Brian Circle

Justin Hasting

Herbert Phares

Jarrett Wolfe

Michael Duffy

John Hunter, Jr.

Joshua Stoner

Keith Yeary

