



Knollwood Road Bridge No. 246

2024 ANNUAL REPORT

Ohio Revised Code 5543.02

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Honorable Board of Clark County Commissioners,

In compliance with Section 5543.02 of the Ohio Revised Code, we have assembled the 2024 Annual Report. This report contains details of our maintenance projects on county roads, bridges, and culverts over the past year along with updates on future projects.

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

STUDIES AND PLANNING

Traffic Impact Studies

Traffic Impact Studies/Traffic Analysis were required to be completed for two residential developments around Clark County. These studies aid the County Engineer in evaluating the need for improvements to the local infrastructure due to the increased demand created by the proposed development’s traffic. They reveal a potential need to add turning lanes to safely enter and exit the road or install a traffic signal at an intersection. Should a study result in the need to make improvements to our local infrastructure, the cost will be the responsibility of the developer.

SEASONAL EFFORTS

Herbicidal Spraying

This project consists of spraying various chemical solutions to the roadsides of the Clark County road system for the purpose of controlling undesirable vegetative growth. The program is intended to control intrusion of grasses into the pavement, eliminate vegetative growth in areas inaccessible to County mowers, control the growth of grass and/or spread of weeds and Johnson grass, and keep brush from intruding into the roadway rights of way. This work was performed by FDC Enterprises, Springfield, Ohio.

Ditch Maintenance

County crews mowed over 46 miles of maintained petition ditches, consisting of two cuttings along with routine tile outlet repairs, stream bank stabilization, and rock channel protection. Gilliam Lawncare and Landscaping LLC was contracted to provide mowing maintenance for county-maintained detention basins and will continue in 2025.

Snow Removal

For the 2024-2025 Road Salt Contract, Morton Salt, Inc. won the bid with a price of \$67.55 per ton. Clark County committed to purchasing at least 1,800 tons for winter use and storage. On April 23, 2025, the Board of Clark County Commissioners authorized participation in the 2025-2026 Road Salt Contract (018-26).

Annual Maintenance

- 306.829 miles of County Maintained Roadway
- 236 Bridges
- Chip & Seal
- Fog Seal
- Ditch Maintenance
- Culvert Replacements
- Tree Trimming
- Roadside Mowing
- Street Sweeping
- Crack Seal
- Traffic Sign Replacement
- Traffic Signal Maintenance

ROADWAY PROJECTS

2024

Pavement Marking

Locally funded contract: \$562,787.65

The 2024 Pavement Marking contract ended with the completion of approximately 214 miles of County roads, 75 miles of Township, Village, and City roads, and secondary markings all located within Clark County. The project was contracted as a cooperative bid including Clark County, Bethel Township, German Township, Moorefield Township, Springfield Township, Village of Enon, and City of New Carlisle. The contractor for the project was The Aero-Mark Company, LLC, of Streetsboro, Ohio. Clark County's share of the contract was \$451,248.48.

Resurfacing Contract

Locally funded contract: \$2,606,705.64

The 2024 Roadway Resurfacing Contract included Bethel Township, German Township, Harmony Township, Moorefield Township, Springfield Township, City of New Carlisle, Village of Enon, Village of South Vienna, and the Village of South Charleston participating in a cooperative bid with Clark County to resurface approximately 18 miles of roadways. In addition, the County surfaced four (4) bridge decks as part of the contract work that installed 16,700 tons of asphalt and 27,000 square yards of chip seal surface treatment. Clark County's portion was \$1,242,971.69. The contractor for the project was A & B Asphalt Corporation of Dayton, Ohio.

Upper Valley Pike OPWC Project

74% OPWC funding up to \$1,275,016.13

The County utilized Ohio Public Works grant funding to improve a 5.77-mile section of County Road 327 Upper Valley Pike between Ross Lane and County Line Road. The project resurfaced and improved Upper Valley Pike by removing the deteriorated asphalt, leveling the roadway, and placing a new asphalt surface with aggregate berms. The project also included bridge deck waterproofing and new upgraded pavement markings along the corridor. The work was performed by A & B Asphalt Corporation of Dayton, Ohio at a final cost of \$1,711,409.33.



Upper Valley Pike

2026

Spangler Road Safety Improvement Project PID 114352

Federal funding up to \$6,638,900

\$1,000,000 ARPA funding from the Board of Clark County Commissioners

The project will improve Spangler Road from Restoration Park Drive (near I-70) to Lower Valley Pike. The improvements were identified in the safety study completed for the corridor in 2020 and will include areas of shoulder widening, turn lanes, sign upgrades, resurfacing, and a bridge replacement. The Mannik & Smith Group, Inc., was selected to perform the design and is progressing on the Stage 2 Plans for the project.

2027

Medway-New Carlisle Road Project PID 118687

Federal funding up to \$3,212,500

Medway-New Carlisle Road was part of the original safety study for the project that also encompassed CR335 (Spangler Road). The roadways have been separated into two projects for funding purposes. This project will include widening of the shoulders, relocation of utility poles, construction of a northbound left turn lane at Schiller Road, resurfacing the roadway from Lower Valley Pike to U.S. 40, and improve pavement markings, signs, and lighting. LJB, Inc. was selected to perform the design and is progressing on the Stage 1 Plans.

BRIDGE PROJECTS

2024 – Contract Bridges

Knollwood Road Bridge No. 246

95% State funding up to \$1,123,045.35

The project included the replacement of Bridge No. 246 situated on Knollwood Road (CR325) just south of Snyder Domer Road in northwest Clark County. The project length was approximately 0.1 miles. It removed and replaced the existing 90-foot-long steel pony truss bridge over Chapman Creek with a prestressed concrete I-beam structure, including approach reconstruction. The project was completed by R & I Construction, Inc. with a final cost of \$1,182,153.

Ravenwood Drive Box Culvert Replacement

100% Locally funded

The County replaced a deteriorated drainage structure on Ravenwood Drive in the Broadview Acres Subdivision in Bethel Township. Plans called for the removal of the existing drainage structure crossing Ravenwood Drive and replacing it with 160 lineal feet of 7' X 3' precast concrete box culvert, full height wing walls, along with minimal roadway work. The project was completed by R. B. Jergens Contractors for \$366,354.14



Ravenwood Drive

2024 Bridge Maintenance (County Crews)

Bridge replacement with box beams	Crescent Hill Road Bridge No. 254, German Township

	Dialton Road Bridge No. 40, Pike Township
Bridge decking, waterproofing, and guardrail	---
	Selma Pike Bridge No. 1827, Madison Township
	Hagan Road Bridge No. 1441, Mad River Township



Dialton Road Bridge No. 40

2025 Bridge Rehabilitations

St. Paris Pike Bridge No. 231

Ohio Bridge will design, fabricate, and install a 28'-0" wide X 41'-0" long steel beam bridge superstructure, including W27" galvanized beams, diaphragms, flooring, bearing plates, railing, and assembly hardware on existing abutments at a bid cost of \$212,915. County crews will complete the demolition work, waterproofing, guardrail etc., while the deck and approach roadway will be paved under the 2025 Roadway Resurfacing Contract.

Shrine Road Bridge No. 1003

Ohio Bridge will design, fabricate and install a 28'-0" wide by 41'-0" long steel beam bridge superstructure, including W19" galvanized beams, diaphragms, flooring, bearing plates, railing with 8" wood backer blocks and assembly hardware on existing abutments at a bid cost of \$245,605. County crews will complete the demolition work, abutment improvements, waterproofing, guardrail etc., while the deck and approach roadway will be paved under the 2025 Roadway Resurfacing Contract.

North Hampton Road Bridge No. 1252

Ohio Bridge will design, fabricate and install a 28'-0" wide by 93'-6" long 3-span steel beam bridge superstructure, including W21" galvanized beams, diaphragms, flooring, bearing plates, railing with 8" wood backer blocks and assembly hardware on existing abutments at a bid cost of \$548,780. County crews will complete the demolition work, abutment improvements, waterproofing, guardrail etc., while the deck and approach roadway will be paved under the 2025 Roadway Resurfacing Contract.

2026 – Contract Bridges

Selma Pike Bridge No. 1644

95% Federal funding up to \$2,585,000

The project includes the replacement of Bridge No. 1644 situated on Selma Pike (CR351) in Clark County. The project length is approximately 0.1 miles and is located just north of Old Springfield Road. The project will remove and replace the multi-span slab bridge over the North Fork of the Little Miami River. The new bridge type will be determined by the task-order design consultant.

New Carlisle Pike Bridge No. 1202

100% Federal funding up to \$1,251,000

The project includes the replacement of Bridge No. 1202 situated on New Carlisle Pike (CR351) in Clark County. The project length is approximately 0.1 miles and is located west of North Hampton Road. It will remove and replace the 2-span concrete beam and steel beam bridge over Donnels Creek with minor storm sewer improvements. The new bridge type will be determined by consultants at a later date

ASSISTING OTHER AGENCIES

2024



Springfield Township – Holiday Drive Storm Sewer Project 100% ARPA funding

This is an American Rescue Plan Act (ARPA) Project for the purpose of replacing and improving a storm sewer collection system on Holiday Drive and Capri Circle in the East Lawn Heights Subdivision in Springfield Township, Clark County, Ohio. Outdoor Enterprise completed the \$246,467 contract.

German Township OPWC Project 50% OPWC funding up to \$232,575

This is an Ohio Public Works Project for the purpose of constructing an asphalt overlay of Item 441 Asphalt Concrete Type 1 (448) PG 64-22, along with miscellaneous pavement planing and other paving incidentals on a portion of White Oak Drive, Spruce Drive & Dogwood Drive in Forest Hills Subdivision along with Groop Road (German Twp only) in German Township & Springfield Township.

Mad River Township OPWC Project 50% OPWC funding up to \$212,679.18

This is an Ohio Public Works Project for the purpose of constructing an asphalt overlay of Item 441 Asphalt Concrete Type 1 (448) PG 64-22, along with miscellaneous pavement planing and other paving incidentals on a portion of White Oak Drive, Spruce Drive & Dogwood Drive in Forest Hills Subdivision along with Groop Road (German Twp only) in German Township & Springfield Township.

2025

Mad River Township OPWC Project – Holiday Valley Resurfacing 50% OPWC funding up to \$269,617.50

This is an Ohio Public Works Project for the purpose of constructing an asphalt overlay of Item 441 Asphalt Concrete Type 1 (448) PG 64-22, along with miscellaneous pavement planing and other paving incidentals on all of Wescott Avenue, Dryden Street, and Hahn Avenue in Holiday Valley Subdivision in Mad River Township.

Springfield Township OPWC Project – 2025 North Bird Road Reconstruction and Resurfacing 50% OPWC funding up to \$151,594

This is an Ohio Public Works Project for the purpose of constructing an asphalt overlay of Item 441 Asphalt Concrete Type 1 (448) PG 64-22, along with miscellaneous pavement planing and other paving incidentals on a portion of North Bird Road between US 40 and Old Columbus Road in Springfield Township.

Springfield Township CDBG Project 90% CDBG funding up to \$101,430.23

This is a CDBG project for the purpose of constructing an asphalt overlay of Item 441 Asphalt Concrete Type 1 (448) PG 64-22, along with miscellaneous pavement planing and other paving incidentals on all of Alta Road, Dale Avenue, and Olds Avenue in Springfield Township.

2024 MOTOR VEHICLE & GAS TAX FUND ACTIVITY

Revenue

Gasoline Tax		\$3,871,744.51	39.23%		
License Fees		\$2,987,999.74	30.28%		
Permissive Tax		\$2,241,810.86	22.72%	\$9,436,143.14	95.62%
Fines		\$32,199.75	0.33%		
Interest		\$302,388.28	3.06%		
Reimbursements	Grant	\$210,881.59	2.14%	\$363,148.54	3.68%
	Ditch	\$40,834.17	0.41%		
	Projects, Permits, etc.	\$56,900.05	0.58%		
	Claims	\$54,532.73	0.55%		
Sale	Metal	\$17,101.10	0.17%	\$69,074.29	0.70%
	Equipment	\$17,585.25	0.18%		
	Pipe, Aggregate, Salt	\$34,387.94	0.35%		
Total		\$9,868,365.97			

Expenses

Payroll / Fringe / Testing	\$3,982,358.73	
Salt / Emulsion / Aggregate	\$918,905.58	
Contract Services / Design	\$128,813.44	
Contract Projects / Construction	\$3,306,533.06	
Equipment	\$1,182,266.42	
Garage / Equipment Repair	\$427,227.72	
Diesel / Gasoline	\$196,422.68	
Misc / Grounds / Utilities	\$92,451.36	
Supplies / Education	\$4,094.32	
Total	\$10,239,073.31	

Clark County Engineer's Office Employees

Management and Office Staff

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

Kenneth D. Fenton, P.S.
Deputy Engineer

Thomas Bender, P.E.
Project Design Engineer

Gregory Fitzsimmons
Maintenance Superintendent

Robert McClure
Ditch Maintenance Supervisor

Michael Bailey
Engineering Technician 2

Jereme Best
Engineering Technician 2

Pamela Fulton
Office Manager

Melissa Platt
Administrative Specialist

Richard Hankison, P.S.
Map Room Supervisor

Tyler Muncy
Map Room Technician 2

Robert Hiller
Map Room Technician

Supervisors

Aaron Ashbaugh, Drainage

Brian Locke, Traffic

Jason Berner, Road

Samuel Thackery, Bridge

Derek Thompson, Garage

Ryan Pequignot, Road

County Crews

David Beard

Aaron Boggs

James Boswell

Darien Bowman

Brian Circle

Arnie Cline

Joshua Combs

Joe Davis

Bryan Elliott

Tammi Flaherty

Ronald Fleming

Garrett Fosnaugh

Robert Gaus

Nickolas Hardacre

Ty Hirtzinger

Jarid Insley

Aaron Boggs

Rick Jordan

John P. Loney

Herbert Phares

Quienten Sparks

Damianne Thompson

Jason Underdue

Brad VanHoose

Joshua Wagner

Jason Weaver

Jarrett Wolfe

