

RESOLUTION 25-07142025**To The Union County Engineer**BE IT RESOLVED this 14th day of July, 2025, by Council ofVillage of Richwood

Village of Union County, Ohio that the Union County Engineer

has prepared estimates for the required work:

Road Number	Road Section	Road Name	Description of Work	Estimated Cost
		Tawa Street (between Franklin St and Village Limits)	Chip Seal	\$ 8,815.24
		Herbert Street (between Clinton St and Pearl St)	Chip Seal	\$ 1,643.76
		Clinton Street (between Herbert St and E. Bomford St)	Chip Seal	\$ 3,067.37
		Fisher Street (between Franklin St and Pearl St)	Chip Seal	\$ 1,951.38
TOTAL				\$15,477.75

NOW, THEREFORE, we hereby approve the estimates as submitted by the Union County Engineer and authorize the Union County Engineer to undertake and perform the above work.

Brad Plotner moved and Reddy Brown seconded the adoption of this resolution.

Roll Call Vote:

Donald d Ridgeway YesPat Morse YesVon Beal YesJackie Hamilton Yes

I, Sarah Sellers, Fiscal Officer of Village of Richwood of Union County, Ohio, hereby certify that the funds required to pay the costs expressed above have been lawfully appropriated, are in the Gas Tax Fund, Motor Vehicle License Fee Fund or Road and Bridge Fund, or are in the process of collection, and are free from previous obligation.

7.14.25

Date

Sarah Sellers

Fiscal Officer

Force Account Project Assessment Form (Estimate) FOR TOWNSHIPS

Ohio Revised Code 117.16 requires the Auditor of State to develop a force account project assessment form to be used by each public office to estimate or report the cost of a force account project. The form shall include costs for employee salaries and benefits, any other labor costs, materials, freight, fuel, hauling, overhead expense, workers' compensation premiums, and all other items of cost and expense, including a reasonable allowance for the use of all tools and equipment used on or in connection with such work and for the depreciation on the tools and equipment.

This form is to be completed as provided in Auditor of State Bulletin 2003-003.

****Estimate not required for Construction/Reconstruction costing less than \$5000/mile, or for Repairs/Maintenance costing less than \$15,000.**

Chip Seal Estimate:

Seal Length 0.45 Miles
 or 2376 Feet
 Road Width 18 Feet

 Seal Width 20 Feet

Date:

Road Name/Number Tawa St. (between Frankltn St. and Village Limits)

Proposed Start Date: July 1, 2025 **Proposed End Date:** July 30, 2025

ESTIMATED LABOR (please complete the shaded fields)

Description	Base Wage	Hours Worked	Total
Maintenance Worker	\$27.84 X	20 =	\$556.80
	X	=	
	X	=	
Total Base Wages			\$556.80
30 % of base wages (fringe benefits, BWC, etc.)			\$167.04
38 % of wages and fringe benefits for overhead			\$275.06
Total Labor Estimate			\$998.90

ESTIMATED MATERIALS (please complete the shaded fields)

Description	Cost per Unit	Quantity	Unit Type	Total
Cover Aggregate	\$20.35 X	50.16	Ton =	\$1,020.76
Emulsion	\$2.19 X	2376	Gallon =	\$5,203.44
	X		=	
	X		=	
Base Materials				\$6,224.20
15 % of base materials for overhead				\$933.63
Total Materials Estimate				\$7,157.83

Road Name/Number Tawa St. (between Frankltn St. and Village Limits)

ESTIMATED EQUIPMENT

Description	Rate per Hour		Hours	=	Total
Pick-Up Truck	\$11.88	X		=	
1 Ton Utility Truck (Sign, Drainage)	\$15.36	X		=	
Dump Truck (Single Axle)	\$31.53	X		=	
Dump Truck (Tandem Axle)	\$40.32	X	6.5	=	\$262.08
Water Tank (Trailer)	\$13.43	X		=	
Tractor Trailer	\$37.68	X		=	
Track Loader (and Dozer)	\$34.80	X		=	
Rubber Tired Loader	\$30.12	X	1.5	=	\$45.18
Athey Loader	\$64.93	X		=	
Skid Loader	\$25.39	X		=	
Grader	\$47.13	X		=	
Tractor	\$19.20	X		=	
Tractor w/Attachment	\$27.96	X		=	
Chipsreader	\$60.41	X	1.5	=	\$90.62
Rubber Tired Loader w/ Berm Box	\$61.21	X		=	
Pavement Patching Machine	\$16.56	X		=	
Crack Sealer	\$16.56	X		=	
Broom	\$20.76	X	1.5	=	\$31.14
Patch Roller	\$19.20	X		=	
Rubber Tired Roller	\$30.72	X	3	=	\$92.16
Bridge Truck	\$27.96	X		=	
Distributor	\$45.78	X	3	=	\$137.34
Gradall	\$57.36	X		=	
Rubber Tired Hoe	\$36.96	X		=	
Hydraulic Excavator	\$69.74	X		=	
Sprayer, Strawblower	\$7.92	X		=	
Wood Chipper	\$18.19	X		=	
		X		=	
		X		=	
Total Equipment Estimate					\$658.52

TOTAL ESTIMATED PROJECT COST \$8,815.24
(labor + materials + equipment)

UNION COUNTY ENGINEER

Prepared by: Justin Story

Title: Superintendent

Date: 6/30/2025

CONSTRUCTION/RECONSTRUCTION

Road Length		Mi	
Estimated Cost			
Cost/Mile		Mi	(Can not exceed \$35,000/Mi. for Force Account)

REPAIR/MAINTENANCE

Estimated Cost	\$8,815.24	(Can not exceed \$105,000 for Force Account)
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Force Account Project Assessment Form (Estimate) FOR TOWNSHIPS

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****Estimate not required for Construction/Reconstruction costing less than \$5000/mile, or
for Repairs/Maintenance costing less than \$15,000.**

Chip Seal Estimate:

Seal Length 0.072 Miles
or
380.16 Feet
Road Width 14 Feet
Seal Width 16 Feet

Date: 6/30/2025

Road Name/Number Herbert St. (between Clinton St. and Pearl St.)

Proposed Start Date: July 1, 2025

Proposed End Date: July 15, 2025

ESTIMATED LABOR (please complete the shaded fields)

Description	Base Wage	Hours Worked	Total
Maintenance Worker	\$27.84 X	10 =	\$278.40
	X	=	
	X	=	
Total Base Wages			\$278.40
30 % of base wages (fringe benefits, BWC, etc.)			\$83.52
38 % of wages and fringe benefits for overhead			\$137.53
Total Labor Estimate			\$499.45

ESTIMATED MATERIALS (please complete the shaded fields)

Description	Unit	Quantity	Unit Type	Total
Cover Aggregate	\$20.35 X	6.42048	Ton	\$130.66
Emulsion	\$2.19 X	304.128	Gallon	\$666.04
	X			
	X			
Base Materials				\$796.70
15 % of base materials for overhead				\$119.50
Total Materials Estimate				\$916.20

Road Name/Number Herbert St. (between Clinton St. and Pearl St.)

ESTIMATED EQUIPMENT

Description	Rate per Hour		Hours	Total
Pick-Up Truck	\$11.88	X	=	
1 Ton Utility Truck (Sign, Drainage)	\$15.36	X	=	
Dump Truck (Single Axle)	\$31.53	X	=	
Dump Truck (Tandem Axle)	\$40.32	X	1	\$40.32
Water Tank (Trailer)	\$13.43	X	=	
Tractor Trailer	\$37.68	X	=	
Track Loader (and Dozer)	\$34.80	X	=	
Rubber Tired Loader	\$30.12	X	1	\$30.12
Athey Loader	\$64.93	X	=	
Skid Loader	\$25.39	X	=	
Grader	\$47.13	X	=	
Tractor	\$19.20	X	=	
Tractor w/Attachment	\$27.96	X	=	
Chipspreader	\$60.41	X	1	\$60.41
Rubber Tired Loader w/ Berm Box	\$61.21	X	=	
Pavement Patching Machine	\$16.56	X	=	
Crack Sealer	\$16.56	X	=	
Broom	\$20.76	X	1	\$20.76
Patch Roller	\$19.20	X	=	
Rubber Tired Roller	\$30.72	X	1	\$30.72
Bridge Truck	\$27.96	X	=	
Distributor	\$45.78	X	1	\$45.78
Gradall	\$57.36	X	=	
Rubber Tired Hoe	\$36.96	X	=	
Hydraulic Excavator	\$69.74	X	=	
Sprayer, Strawblower	\$7.92	X	=	
Wood Chipper	\$18.19	X	=	
		X	=	
		X	=	
Total Equipment Estimate				\$228.11

TOTAL ESTIMATED PROJECT COST \$1,643.76
(labor + materials + equipment)

UNION COUNTY ENGINEER

Prepared by: Justin Story

Title: Superintendent

Date: 6/30/2025

CONSTRUCTION/RECONSTRUCTION

Road Length		Mi	
Estimated Cost			
Cost/Mile		Mi	(Can not exceed \$35,000/Mi. for Force Account)

REPAIR/MAINTENANCE

Estimated Cost	\$1,643.76	(Can not exceed \$105,000 for Force Account)
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Force Account Project Assessment Form (Estimate) FOR TOWNSHIPS

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****Estimate not required for Construction/Reconstruction costing less than \$5000/mile, or for Repairs/Maintenance costing less than \$15,000.**

Chip Seal Estimate:

Seal Length 0.146 Miles
or 770.88 Feet
Road Width 16 Feet

Seal Width 18 Feet

Date: 6/30/2025

Road Name/Number Clinton St. (between Herbert St. and E. Bomford St.)

Proposed Start Date: July 1, 2025

Proposed End Date: July 15, 2025

ESTIMATED LABOR (please complete the shaded fields)

Description	Base Wage	Hours Worked	Total
Maintenance Worker	\$27.84 X	15	\$417.60
	X		
	X		
Total Base Wages			\$417.60
30 % of base wages (fringe benefits, BWC, etc.)			\$125.28
38 % of wages and fringe benefits for overhead			\$206.29
Total Labor Estimate			\$749.17

ESTIMATED MATERIALS (please complete the shaded fields)

Description	Cost per Unit	Quantity	Unit Type	Total
Cover Aggregate	\$20.35 X	14.64672	Ton	\$298.06
Emulsion	\$2.19 X	693.792	Gallon	\$1,519.40
	X			
	X			
Base Materials				\$1,817.47
15 % of base materials for overhead				\$272.62
Total Materials Estimate				\$2,090.09

Road Name/Number Clinton St. (between Herbert St. and E. Bomford St.)

ESTIMATED EQUIPMENT

Description	Rate per Hour		Hours	=	Total
Pick-Up Truck	\$11.88	X		=	
1 Ton Utility Truck (Sign, Drainage)	\$15.36	X		=	
Dump Truck (Single Axle)	\$31.53	X		=	
Dump Truck (Tandem Axle)	\$40.32	X	1	=	\$40.32
Water Tank (Trailer)	\$13.43	X		=	
Tractor Trailer	\$37.68	X		=	
Track Loader (and Dozer)	\$34.80	X		=	
Rubber Tired Loader	\$30.12	X	1	=	\$30.12
Athey Loader	\$64.93	X		=	
Skid Loader	\$25.39	X		=	
Grader	\$47.13	X		=	
Tractor	\$19.20	X		=	
Tractor w/Attachment	\$27.96	X		=	
Chipsreader	\$60.41	X	1	=	\$60.41
Rubber Tired Loader w/ Berm Box	\$61.21	X		=	
Pavement Patching Machine	\$16.56	X		=	
Crack Sealer	\$16.56	X		=	
Broom	\$20.76	X	1	=	\$20.76
Patch Roller	\$19.20	X		=	
Rubber Tired Roller	\$30.72	X	1	=	\$30.72
Bridge Truck	\$27.96	X		=	
Distributor	\$45.78	X	1	=	\$45.78
Gradall	\$57.36	X		=	
Rubber Tired Hoe	\$36.96	X		=	
Hydraulic Excavator	\$69.74	X		=	
Sprayer, Strawblower	\$7.92	X		=	
Wood Chipper	\$18.19	X		=	
		X		=	
		X		=	
Total Equipment Estimate					\$228.11

TOTAL ESTIMATED PROJECT COST \$3,067.37
(labor + materials + equipment)

UNION COUNTY ENGINEER

Prepared by: Justin Story

Title: Superintendent

Date: 6/30/2025

CONSTRUCTION/RECONSTRUCTION		
Road Length		Mi
Estimated Cost		
Cost/Mile		Mi (Can not exceed \$35,000/Mi.for Force Account)

REPAIR/MAINTENANCE		
Estimated Cost	\$3,067.37	(Can not exceed \$105,000 for Force Account)

Force Account Project Assessment Form (Estimate) FOR TOWNSHIPS

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This form is to be completed as provided in Auditor of State Bulletin 2003-003.

****Estimate not required for Construction/Reconstruction costing less than \$5000/mile, or for Repairs/Maintenance costing less than \$15,000.**

Chip Seal Estimate:

Seal Length 0.088 Miles
or
464.64 Feet
Road Width 14 Feet
Seal Width 16 Feet

Date: 6/30/2025

Road Name/Number Fisher St. (between Franklin St. and Pearl St.)

Proposed Start Date: July 1, 2025

Proposed End Date: July 15, 2025

ESTIMATED LABOR (please complete the shaded fields)

Description	Base Wage	Hours Worked	Total
Maintenance Worker	\$27.84 X	10	\$278.40
	X		
	X		
Total Base Wages			\$278.40
30 % of base wages (fringe benefits, BWC, etc.)			\$83.52
38 % of wages and fringe benefits for overhead			\$137.53
Total Labor Estimate			\$499.45

ESTIMATED MATERIALS (please complete the shaded fields)

Description	Unit	Quantity	Unit Type	Total
Cover Aggregate	\$20.35 X	7.84725333	Ton	\$159.69
Emulsion	\$2.19 X	413.013333	Gallon	\$904.50
	X			
	X			
Base Materials				\$1,064.19
15 % of base materials for overhead				\$159.63
Total Materials Estimate				\$1,223.82

Road Name/Number Fisher St. (between Franklin St. and Pearl St.)

ESTIMATED EQUIPMENT

Description	Rate per Hour		Hours	=	Total
Pick-Up Truck	\$11.88	X		=	
1 Ton Utility Truck (Sign, Drainage)	\$15.36	X		=	
Dump Truck (Single Axle)	\$31.53	X		=	
Dump Truck (Tandem Axle)	\$40.32	X	1	=	\$40.32
Water Tank (Trailer)	\$13.43	X		=	
Tractor Trailer	\$37.68	X		=	
Track Loader (and Dozer)	\$34.80	X		=	
Rubber Tired Loader	\$30.12	X	1	=	\$30.12
Athey Loader	\$64.93	X		=	
Skid Loader	\$25.39	X		=	
Grader	\$47.13	X		=	
Tractor	\$19.20	X		=	
Tractor w/Attachment	\$27.96	X		=	
Chipspreader	\$60.41	X	1	=	\$60.41
Rubber Tired Loader w/ Berm Box	\$61.21	X		=	
Pavement Patching Machine	\$16.56	X		=	
Crack Sealer	\$16.56	X		=	
Broom	\$20.76	X	1	=	\$20.76
Patch Roller	\$19.20	X		=	
Rubber Tired Roller	\$30.72	X	1	=	\$30.72
Bridge Truck	\$27.96	X		=	
Distributor	\$45.78	X	1	=	\$45.78
Gradall	\$57.36	X		=	
Rubber Tired Hoe	\$36.96	X		=	
Hydraulic Excavator	\$69.74	X		=	
Sprayer, Strawblower	\$7.92	X		=	
Wood Chipper	\$18.19	X		=	
		X		=	
		X		=	
Total Equipment Estimate					<u>\$228.11</u>

TOTAL ESTIMATED PROJECT COST \$1,951.38
(labor + materials + equipment)

UNION COUNTY ENGINEER

Prepared by: Justin Story

Title: Superintendent

Date: 6/30/2025

CONSTRUCTION/RECONSTRUCTION		
Road Length		Mi
Estimated Cost		
Cost/Mile		Mi (Can not exceed \$35,000/Mi. for Force Account)

REPAIR/MAINTENANCE		
Estimated Cost	<u>\$1,951.38</u>	(Can not exceed \$105,000 for Force Account)