

OFFICE OF THE
LOGAN COUNTY ENGINEER
P.O. BOX 427
1991 COUNTY ROAD 13
BELLEFONTAINE, OH 43311
www.lceo.us

SCOTT C. COLEMAN, P.E., P.S.
LOGAN COUNTY ENGINEER

Telephone: (937) 592-2791
Fax: (937) 599-2658

June 3, 2024

To: Township Trustees and Township Fiscal Officers

Re: **2024 Annual Meeting of the Engineer with Township Trustees**
Thursday, August 1, 2024 from 10:00 A.M. to 12:00 P.M.

Dear Elected Official:

The 2024 Annual Meeting of the County Engineer with Township Trustees will be held on Thursday, August 1, 2024, from 10:00 A.M. to 12:00 P.M. The meeting will be held at the Logan County Engineer's Highway Department Conference Room. The agenda will consist of:

- An overview of the 2024 resurfacing and chip-seal programs
- A review of projected 2025 Sales Tax revenue and project funding
- A review of the 2025 program covering timeline, general guidance and required documents

It is imperative that officials or representatives from your jurisdiction attend this meeting as the following documents will be provided and reviewed at the meeting (these documents will also available on our website at http://www.lceo.us/meetings/2024_Township_Trustees):

- 2024-2025 Township Schedule and Application Deadlines
- 2025 General Guidance and Estimating Examples
- 2025 Township Paving Request Form (submittal deadline of Sept. 26, 2024)
- 2025 Township Chip Seal Request Form (submittal deadline of Sept. 26, 2024)
- Example fog seal resolution (submittal deadline of ~~Sept. 26, 2024~~ **January 10, 2025**)
- Sales Tax funding estimates

We look forward to seeing you and discussing the above issues at this meeting. If you have any questions, do not hesitate to contact our office.

Respectfully,



Scott C. Coleman, P.E., P.S.
Logan County Engineer

SCC/mjk

2024-2025 Township Schedule and Application Deadlines

August 01, 2024 (Thursday)	ENGINEER AND TOWNSHIPS - 2024 Township meeting with County Engineer at Logan County Engineer's Highway Garage
September 26, 2024 (Thursday)	TOWNSHIPS – Submit signed 2025 Township Paving Request Form and 2025 Chip Seal Request Form to the County Engineer's Office
November 27, 2024 (Wednesday)	ENGINEER – Provide proposed 2025 Paving and Chip Seal details with estimates to townships for review, approval, and resolution.
January 10, 2025 (Friday)	TOWNSHIPS - Submit signed final 2025 paperwork to this office as follows: <ul style="list-style-type: none">• Signed cover letter approving of the Paving Program and estimate• Signed cover letter approving of the Chip Seal Program and estimate• Signed Fog Seal resolution
February/March 2025	ENGINEER – Advertise, Bid, and Award

2025 General Guidance and Estimating Examples

General guidance

- #402 LVT is an Intermediate Course; LCEO recommends immediately applying a chip seal or surface course after applying #402 LVT.
- #404 LVT is a Surface Course
- LCEO recommends installing butt joints as feather joints can deteriorate quickly.
- LCEO recommends fog sealing newly chip sealed roads with higher traffic counts.
- LCEO recommends applying rejuvenating sealer to newly paved roads.
- LCEO recommends applying chip seal before significant micro-cracking occurs. LCEO recommends the first chip seal be performed 5 years after asphalt resurfacing with #404 LVT. Chip seal every 5 to 8 years thereafter. Crack seal before chip sealing as needed.
- LCEO recommends chip sealing roads with horse and buggy traffic within 2 to 4 years of applying #404 LVT.

Rejuvenating sealer

- A spray of cationic rejuvenating agent composed of petroleum resin oils and water applied to the road surface
- Seals hairline cracks, restores oxidized components of asphalt, improves flexibility of asphalt, and extends the life of the pavement
- Reclamite or equivalent is used
- Performed by a contractor (contractor also performs traffic control)
- Estimated at \$1.25 per square yard

Fog sealing

- A spray mixture of asphalt emulsion and water applied to the road surface
- Helps seal surface, retains aggregate, and better public reception vs. chip seal only
- Preliminary studies show it extends chip seal life by one year
- Performed by the LCEO
- Township to perform traffic control (LCEO may be able to perform for additional cost)
- Estimated at \$0.24 per square yard without traffic control

Chip sealing

- Apply liquid asphalt and then apply small aggregates; compact; sweep excess stone
- Seals hairline cracks, improves roadway friction, and extends the life of the pavement
- Studies show it extends pavement life 5 to 7 years
- Performed by a contractor (contractor also performs traffic control)
- Estimated at \$1.85 per square yard

Estimating examples

- Prices are based on 2025 construction using ODOT's forecast of a 5.7% increase from 2024 pricing
- All below examples are based on using a sample road section that is 1 mile long and 15' wide

#402 LVT: \$97.02/TON: Apply 2" of 402 LVT: $[5,280' \times 15' \times (2''/12)]/27 \times 2 \text{ TON/CY} = 978$
TON ▸ 978 TON x \$97.02/TON = \$96,886

#404 LVT: \$115.97/TON: Apply 1.5" of 404 LVT: $[5,280' \times 15' \times (1.5''/12)]/27 \times 2 \text{ TON/CY} = 734$
TON ▸ 734 TON x \$115.97/TON = \$85,122

Each milled butt joint = \$475

#617 berm, Type A: \$50.18/ton: 2' x 2" berm on both sides: $[5,280' \times 2' \times (2''/12)]/27 \times 2 \text{ TON/CY}$
= 133 TON per side. 133 TON x 2 sides = 266 ton ▸ 266 ton x \$50.18/ton = \$13,348

Rejuvenating sealer: \$1.25/square yard: $[(5,280' \times 15')/9] \times \$1.25/\text{SY} = \$11,000$

	Sales Tax	Paving	Chip/Seal	Sales Tax	Estimated Sales Tax	Estimated Sales Tax	Paving	Paving	Chip seal	Misc. ST	Estimated Sales Tax	Estimated Sales Tax	Estimated Sales Tax
	Funds Available	Invoice	Invoice	Carryover	Received from 9/1/2023	Funds Available	Invoice	Remaining per	Invoice	Work	Post-Construction	Received from 9/1/2024	Funds Available
	September 1, 2023	2023	2023	2023 to 2024	to 8/31/2024	September 1, 2024	26-Jun-24	Awarded Bid	7/23/2024	2024	Balance	to 8/31/2025	September 1, 2025
					* August estimated						1-Sep-24		
BLOOMFIELD	\$55,307.33	\$0.00	\$17,790.30	\$37,517.02	\$33,765.73	\$71,282.75			\$ 26,159.00		\$45,123.75	\$32,494.01	\$77,617.77
BOKESCREEK	\$56,633.47	\$0.00	\$70,955.01	\$0.00	\$13,986.41	\$13,986.41			\$ 40,736.50		\$0.00	\$13,459.64	\$13,459.64
HARRISON	\$188,969.60	\$64,969.45	\$15,321.60	\$109,684.55	\$48,622.21	\$158,306.76			\$ 43,468.68		\$114,838.08	\$46,790.95	\$161,629.02
JEFFERSON	\$41,934.22	\$0.00	\$0.00	\$41,934.22	\$50,454.75	\$92,388.97	\$131,264.78				\$0.00	\$48,554.47	\$48,554.47
LAKE	\$12,655.78	\$0.00	\$0.00	\$12,655.78	\$16,386.97	\$29,042.75					\$29,042.75	\$15,769.79	\$44,812.55
LIBERTY	\$163,204.93	\$0.00	\$0.00	\$163,204.92	\$48,266.06	\$211,470.98	\$38,002.75				\$173,468.23	\$46,448.22	\$219,916.45
MCARTHUR	\$42,966.70	\$211,426.45	\$6,088.56	\$0.00	\$52,555.53	\$52,555.53			\$ 45,405.30		\$7,150.23	\$50,576.13	\$57,726.36
MIAMI	\$63,579.58	\$0.00	\$41,926.59	\$21,652.99	\$31,583.81	\$53,236.80			\$ 52,060.80		\$1,176.00	\$30,394.27	\$31,570.27
MONROE	\$46,712.46	\$0.00	\$53,514.24	\$0.00	\$56,191.32	\$56,191.32	\$79,107.49		\$ 38,896.00		\$0.00	\$54,074.98	\$54,074.98
PERRY	\$22,690.08	\$0.00	\$0.00	\$22,690.08	\$27,294.34	\$49,984.42			\$ 22,803.80		\$27,180.62	\$26,266.36	\$53,446.98
PLEASANT	\$39,511.37	\$0.00	\$6,846.06	\$32,665.31	\$47,528.99	\$80,194.30			\$ 83,975.50		\$0.00	\$45,738.90	\$45,738.90
RICHLAND	\$86,101.05	\$42,038.75	\$23,590.56	\$20,471.74	\$42,130.53	\$62,602.27		\$24,342.25		\$8,991.63	\$29,268.39	\$40,543.76	\$69,812.15
RUSHCREEK	\$37,728.24	\$0.00	\$69,315.80	\$0.00	\$44,055.49	\$44,055.49			\$ 37,634.46		\$6,421.03	\$42,396.23	\$48,817.26
STOKES	\$115,141.67	\$0.00	\$28,181.44	\$86,960.23	\$103,328.10	\$190,288.33			\$ 33,971.00		\$156,317.33	\$99,436.45	\$255,753.79
UNION	\$60,070.76	\$139,943.94	\$0.00	\$0.00	\$60,350.05	\$60,350.05	\$150,364.15				\$0.00	\$58,077.08	\$58,077.08
WASHINGTON	\$331,121.52	\$120,291.25	\$0.00	\$210,830.27	\$69,826.09	\$280,656.36		\$99,749.50	\$ -		\$180,906.86	\$67,196.23	\$248,103.09
ZANE	\$73,822.89	\$0.00	\$9,303.04	\$64,519.85	\$33,026.40	\$97,546.25			\$ 22,163.68		\$75,382.57	\$31,782.53	\$107,165.10
TOTAL	\$1,438,151.67	\$578,669.84	\$342,833.20	\$824,786.96	\$779,352.80	\$1,604,139.76	\$398,739.17	\$124,091.75	\$447,274.72	\$8,991.63	\$625,042.49	\$750,000.00	\$1,596,275.86

2025 Estimated Township Sales Tax Revenue

This reflects 20% for township roads and bridges with the 2022 sales tax renewal.

Note: Mileage has been updated based on ODOT certified mileage based on end of calendar year 2023

TOWNSHIP	MILEAGE	
		Estimated 12 month Sales Tax revenue collected form September 1, 2024, thru August 31, 2025.
Bloomfield	14.980	\$ 32,494.01
Bokescreek	6.205	\$ 13,459.64
Harrison	21.571	\$ 46,790.95
Jefferson	22.384	\$ 48,554.47
Lake	7.270	\$ 15,769.79
Liberty	21.413	\$ 46,448.22
McArthur	23.316	\$ 50,576.13
Miami	14.012	\$ 30,394.27
Monroe	24.929	\$ 54,074.98
Perry	12.109	\$ 26,266.36
Pleasant	21.086	\$ 45,738.90
Richland	18.691	\$ 40,543.76
Rushcreek	19.545	\$ 42,396.23
Stokes	45.841	\$ 99,436.45
Union	26.774	\$ 58,077.08
Washington	30.978	\$ 67,196.23
Zane	14.652	\$ 31,782.53
TOTAL	345.76	\$ 750,000.00

2024 Estimated Township Sales Tax Revenue

August revenue was estimated using the average of the 11-month actual revenue.

TOWNSHIP	MILEAGE	
		Estimated 12 month Sales Tax revenue based upon 11-month actual revenue collected from September 1, 2023, thru July 31, 2024.
Bloomfield	14.980	\$ 33,765.73
Bokescreek	6.205	\$ 13,986.41
Harrison	21.571	\$ 48,622.21
Jefferson	22.384	\$ 50,454.75
Lake	7.270	\$ 16,386.97
Liberty	21.413	\$ 48,266.06
McArthur	23.316	\$ 52,555.53
Miami	14.012	\$ 31,583.81
Monroe	24.929	\$ 56,191.32
Perry	12.109	\$ 27,294.34
Pleasant	21.086	\$ 47,528.99
Richland	18.691	\$ 42,130.53
Rushcreek	19.545	\$ 44,055.49
Stokes	45.841	\$ 103,328.10
Union	26.774	\$ 60,350.05
Washington	30.978	\$ 69,826.09
Zane	14.652	\$ 33,026.40
TOTAL	345.76	\$ 779,352.80

2025 Township Paving Request Form

Return to LCEO by September 26, 2024

Circle either YES or NO for each option of each requested road segment:

Road Number:	From:	To:	1 ½" 404 LVT?	2" 402 LVT?	2' x 2" Berm both sides?	Rejuvenating Sealer?	Butt joints? Quantity?
			YES / NO	YES / NO	YES / NO	YES / NO	YES / NO
Project Length:		Average Width:		Notes:			

Road Number:	From:	To:	1 ½" 404 LVT?	2" 402 LVT?	2' x 2" Berm both sides?	Rejuvenating Sealer?	Butt joints? Quantity?
			YES / NO	YES / NO	YES / NO	YES / NO	YES / NO
Project Length:		Average Width:		Notes:			

Road Number:	From:	To:	1 ½" 404 LVT?	2" 402 LVT?	2' x 2" Berm both sides?	Rejuvenating Sealer?	Butt joints? Quantity?
			YES / NO	YES / NO	YES / NO	YES / NO	YES / NO
Project Length:		Average Width:		Notes:			

Road Number:	From:	To:	1 ½" 404 LVT?	2" 402 LVT?	2' x 2" Berm both sides?	Rejuvenating Sealer?	Butt joints? Quantity?
			YES / NO	YES / NO	YES / NO	YES / NO	YES / NO
Project Length:		Average Width:		Notes:			

Contact: _____ Email: _____ Phone: _____

Township: _____

Trustee: _____

Trustee: _____

Trustee: _____

Fiscal Officer: _____

Date: _____

2025 Township Chip Seal Request Form

Return to LCEO by September 26, 2024

Township of _____

*Fog seal requests will need to be accompanied with a resolution entering into agreement with the LCEO

Road Number	FROM	TO	Project Description (i.e. 'Chip Seal' or 'Chip Seal and Fog Seal')

Contact: _____ **Email:** _____ **Phone:** _____

Township: _____

Trustee: _____

Trustee: _____

Trustee: _____

Fiscal Officer: _____

Date: _____

_____ trustee entered the following resolution

_____ (resolution ID)

_____ Township trustees enter into agreement with the Logan County Engineer's Office to have the following township roads _____ totaling _____ square yards and estimated \$0.24 per square yard. The total estimated fog seal placement is \$_____. The township will perform traffic control the day of work. The county offers no warranty on the work performed. _____ trustee second the motion. (roll call)

Certified by Fiscal Officer this _____ day of _____, 20__.

_____ (signature)

_____ (written), Fiscal Officer

2024 Township Paving Project Request Form

RETURN BY Friday, September 29, 2023 before 3:30 P.M.

Please circle either YES or NO for each option of every requested road segment

Road Number: Fairview Ave	From: Orchard Dr	To: Walnut St	1 1/2" 404 LVT? <input checked="" type="radio"/> YES / NO	2" 402 LVT? YES / NO	2' x 2" Berm both sides? YES <input checked="" type="radio"/> NO	Rejuvenating Sealer? YES / NO	Number of Butt Joints: <input checked="" type="radio"/> YES NO
Project Length: 800' Average Width: 20'			Notes: Please butt up to the new pavement				6

Road Number: Woodlawn Ave	From: Walnut St	To: Park St	1 1/2" 404 LVT? <input checked="" type="radio"/> YES / NO	2" 402 LVT? YES / NO	2' x 2" Berm both sides? YES <input checked="" type="radio"/> NO	Rejuvenating Sealer? YES / NO	Number of Butt Joints: <input checked="" type="radio"/> YES / NO
Project Length: 1000' Average Width: 15'			Notes:				9

Road Number: Park St	From: Orchard Dr	To: Manger Ave	1 1/2" 404 LVT? <input checked="" type="radio"/> YES / NO	2" 402 LVT? YES / NO	2' x 2" Berm both sides? YES <input checked="" type="radio"/> NO	Rejuvenating Sealer? YES / NO	Number of Butt Joints: <input checked="" type="radio"/> YES / NO
Project Length: 900' Average Width: 15'			Notes:				2

Road Number: Twp Rd 285	From: Orchard Island Rd	To: Bridge	1 1/2" 404 LVT? <input checked="" type="radio"/> YES / NO	2" 402 LVT? YES / NO	2' x 2" Berm both sides? YES <input checked="" type="radio"/> NO	Rejuvenating Sealer? YES / NO	Number of Butt Joints: <input checked="" type="radio"/> YES / NO
Project Length: 550' Average Width: 18'			Notes: Stop before the bridge,				2

Contact Person: Tucker Berg Email: tucker.berg34@gmail.com Phone: 937-597-1298

Township of: Washington

Trustee: [Signature]

Trustee: [Signature]

Trustee: [Signature]

Fiscal Officer: Lisa Miller

Date: 10/9/23

CIRCLE: LIMESTONE or NATURAL Berm Stone

402 LVT NOT RECOMMENDED W/O CHIPSEAL OR SURFACE COURSE

- Examples for estimating purposes only
- 1 mile-15' wide-1 1/2" 404 LVT = \$105,000.00
 - 1 mile-15' wide-2" 402 LVT = \$100,000.00
 - 1 milled butt joint = \$450
 - 1 mile- 2'X2" berm both sides = \$15,500.00
 - 1 mile rejuvenating scaler = \$11,000.00

Pave the full apron @ intersection

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Telephone: (937) 592-2791
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November 17, 2024

To: Township Trustees and Township Fiscal Officers

Re: 2024 Township Paving

Dear Elected Officials:


At the request of the townships, The Logan County Engineers Office has prepared the enclosed document.

The document provides an outline of the proposed township paving for 2024. Take a moment to locate the line(s) that corresponds with your township. The spreadsheet summarizes an estimated cost for individual roads and the accumulated total per township. The Logan County Commissioners Office will receive bids on the project as outlined in the attached document for work to be completed in the 2024 paving season. If the township would like to revise the program, indicate the roads and work items from the estimate to be modified and return an adjusted copy along with this signature page.

Please have two elected officials sign below indicating they agree with the estimate and are willing to proceed to the bidding phase. We ask that a copy of this letter be signed and returned by Friday, January 12, 2024.


If you have any questions, please do not hesitate to contact our office.

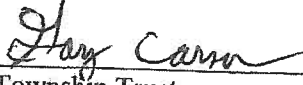
Sincerely,

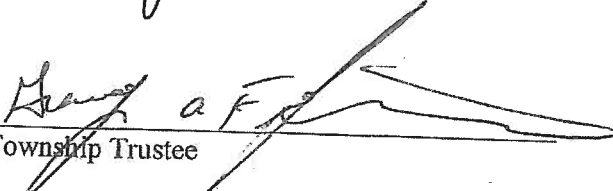

W. Todd Bumgardner
Administrative Coordinator

SCC/wtb


Richard Sworski
Township Name


Tracy M. Baker
Township Trustee


Gary Carr
Township Trustee


Hank A. F...
Township Trustee

2024 Township Paving Project - Estimate

2024 W.O.# 12117

ROAD	LOG FROM	POINT TO	LENGTH	WIDTH	SQ YRDS	407 @ 0.075 Gal/SY		402 LVT (as per plan)			404 LVT			Extra Material		617 Berm			209 Linear Grading West Side		Butt Joints Each		Rejuvenating Sealer	Paving Estimate	Road Estimate	TWP Total Estimate		
						GAL	TOTAL \$	IN	TONS	TOTAL \$	IN	TONS	TOTAL \$	TONS	TOTAL \$	IN	TONS	TOTAL \$	STA.	Total	#	Total						
Jefferson Township																												
TR182	MT. Crest Line	CR5	6730	18.5	13834	1038	\$ 2,724				1.5	1153	\$ 158,513	5	\$ 688											\$ 159,201	\$ 161,924	
Township Total Estimate																												
Richland Township																												
TR251	SR235	Hardin County	855	14.5	1378	103	\$ 271				1.5	115	\$ 15,784	2	\$ 275	2.00	51	\$ 3,613	9	12825	2	\$ 935			\$ 16,059	\$ 33,703		
Township Total Estimate																												
Union Township																												
TR33	TR45	TR30	5005	18.0	10010	751	\$ 1,971	2	1112	\$ 147,091				5	\$ 661	2.00	297	\$ 21,149			2	\$ 935	\$ 13,433	\$ 147,753	\$ 185,240			
Township Total Estimate																												
Monroe Township																												
TR169	SR287	CR171	4160	15.0	6933	520	\$ 1,365				1.5	578	\$ 82,333	2	\$ 275	2.00	247	\$ 17,578							\$ 82,608	\$ 101,551		
Township Total Estimate																												
Liberty Township																												
TR195	SR245	Dead End	990	12.5	1375	103	\$ 271				1.5	115	\$ 15,755	3	\$ 413	2.00	59	\$ 4,183							\$ 16,168	\$ 20,622		
TR196	SR245	TWP Line	910	12.5	1264	95	\$ 249				1.5	105	\$ 19,485	3	\$ 413	2.00	54	\$ 7,685							\$ 19,897	\$ 27,831		
Township Total Estimate																												
Washington Township																												
Fairview Ave	Orchard Dr	Walnut St	750	16.0	1333	100	\$ 263				1.5	111	\$ 15,278	3	\$ 555						6	\$ 2,805			\$ 15,833	\$ 18,900		
Woodlawn Ave	Park St	Walnut St	1050	15.0	1750	131	\$ 345				1.5	146	\$ 20,052	3	\$ 555						9	\$ 4,208			\$ 20,607	\$ 25,159		
Twp Rd 285	Orchard Island Rd	Bridge	990	16.5	1815	136	\$ 357				1.5	151	\$ 20,797	3	\$ 555						2	\$ 935			\$ 21,352	\$ 22,644		
Park St	Mauger Ave	Orchard Dr	900	16.0	1600	120	\$ 315				1.5	133	\$ 18,333	3	\$ 555						2	\$ 935			\$ 18,888	\$ 20,138		
Park St	Mauger Ave	Cottage Grove Ave	230	16.0	409	31	\$ 81				1.5	34	\$ 4,685	1	\$ 185						2	\$ 935			\$ 4,870	\$ 5,886		
Township Total Estimate																												
Program Totals			3.77 MILES								1112			2526			33			706								\$623,599.56

- \$ 2.63 per gallon for Tack
- \$ 132.25 ** 402LVT (As Per Plan), PG 58-28
- \$ 137.50 ** 404LVT, PG 58-28 (note premium added for residential and low volume locations)
- \$ 71.30 per ton for Berm (crushed stone)
- ** \$ 78.43 per ton for Berm (crushed gravel)
- \$ 142.50 per ton for 301 Base (Item 209 - special grading)
- \$ 467.50 Butt Joint
- \$ 1,500.00 209 Linear Grading, \$/STA
- \$ - per ton for 404LVT Type 1 (turn lane)
- \$ 1.34 SQ Yard Rejuvenating Sealer
- \$ 185.00 ** 404LVT, PG 58-28 (note premium added for residential and low volume locations)

Asphalt Tons: 3,672
 Berm Tons: 706
 Rejuvenating Sealer SQ Yards: 10,010



W Todd Bumgardner
 Administrative Coordinator

2024 Township Chip/Seal Project Request Form

Road Number	FROM	TO	Project Description
35	Co. Rd 59	Co. Rd 58	chip seal and fog seal
34	Co. Rd 59	Bridge	chipseal and fogseal

Contact Person (Phone or Cell) Kyle Knief 937-538-5351

Email: khknief@waddtv.net

Kyle Knief Trustee
Shirley P Kipke Trustee
Mary Ann D Trustee
Sandra A. Magato Fiscal Officer

FogSeal LCEO Performed Estimate Only:
 \$0.22 per square yard
 NOTE: Township to provide traffic control

DATE 9-11-23

Chipseal
 Examples for Estimating Purposes Only
 \$1.90 per square yard
 1 mile @ 15' wide = \$17,000

RECEIVED
 SEP 20 2023
 LO. CO. ENGINEER

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November 16, 2023

To: Township Trustees and Township Fiscal Officers

Re: 2024 Township Chip Seal Program

Dear Elected Officials:

At the request of the townships, The Logan County Engineer's Office has prepared the enclosed document. The document outlines the proposed Township Chip Seal project for 2024. Take a moment to locate the line(s) that corresponds with your township. The spreadsheet summarizes an estimated cost for individual roads and the accumulated total per township. The Logan County Commissioners Office will receive bids on the project as outlined in the attached document for work to be completed in the 2024 construction season. If the township would like to revise the program, indicate the roads and work items from the estimate to be modified and return an adjusted copy along with this signature page.

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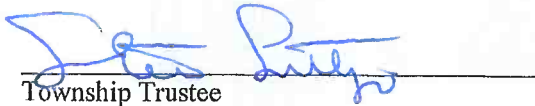
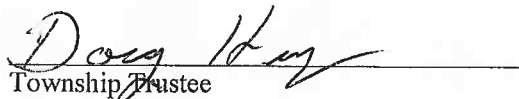
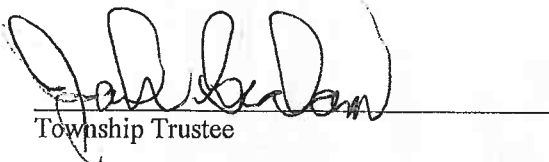
If you have any questions, please do not hesitate to contact our office.

Sincerely,



W. Todd Bumgardner
Administrative Coordinator

SCC/wtb


Township Trustee
Township Trustee
Township Trustee

RECEIVED
JAN 23 2024
LO. CO. ENGINEER

2024 TOWNSHIP CHIP SEAL PROGRAM - ESTIMATE

11/16/2023

2024 W.O. 11709

ITEM TWP ROAD	LOG		POINT TO	LENGTH IN FEET	WIDTH	SQ. YRDS	409.00 HFRS-2P 0.44 GAL/S.Y.	No. 8 Agg 25Lbs./S.Y. Tons	UNIT PRICE	TOTAL
	FROM									
Bloomfield										
TR34	CR59		Bridge	3392	17	6407	2819	80		
TR35	CR59		CR58	5254	15.5	9049	3981	113		
TOTAL						9049	6800	193	\$ 1.96	\$ 17,736.04
Bokescreek										
TR131	SR47		Perry TWP	4165	14.5	6710	2952	83		
TR115	CR12		Hardin County Line	7130	20	15844	6971	198		
TOTAL						22554	9923	281	\$ 1.96	\$ 44,205.84
Harrison										
Wright Street	CR57S		End	325	17.5	632	278	7		
Logan	Dead End		Dead End	1950	21	4550	2002	56		
Harrison	Logan		Logan	1400	21	3267	1437	40		
TR46	SR47		CR11	7925	18.0	15850	6974	198		
TOTAL						24299	10691	301	\$ 1.96	\$ 47,626.04
McArthur										
TR56	CR37		TR220	3162	13.5	4743	2086	59		
TR56	CR39		5330' East of CR39	5330	15.5	9179	4038	114		
TR37	SR68		CR49	5560	17.0	10502	4620	131		
TOTAL						24424	10744	304	\$ 1.96	\$ 47,871.04
Miami										
Quail Ridge	SR508		End	850	19.5	1842	810	23		
TR295	CR65		CR62	5395	17.0	10191	4484	127		
TR72	TR71		TR295	5425	17.5	10549	4641	131		
TR71	CR64		CR66	9652	17	18232	8022	227		
TOTAL						40814	17957	508	\$ 1.96	\$ 79,995.44
Monroe										
TR30	CR1 (Ludlow)		TWP Line	3895	18	7790	3427	97		
TR190W	CR1		TWP Line	2237	17	4225	1859	52		
TR175	TWP Line		TR47	5940	16	10560	4646	132		
TOTAL						22575	9932	281	\$ 1.96	\$ 44,247.00
Perry										
TR129	Township Line		CR2	7100	18.0	14200	6248	177		
TOTAL						14200	6248	177	\$ 1.96	\$ 27,832.00
Rushcreek										
TR37	CR25		TWP Line	2740	20	6089	2679	76		
TR273	CR5		End	6100	13.5	9150	4026	114		
TR126	SR47		TWP Line	2500	17.0	4722	2077	59		
TR136	CR5		Bridge	6220	18.0	12440	5473	155		
RR ST.	CR25		End	700	11.5	894	393	11		
TR57	CR25		CR9	2220	18.5	4563	2007	57		
TOTAL						37858	16655	472	\$ 1.96	\$ 74,201.68

Mr. Copeland trustee entered the following resolution

5-2023 (resolution ID)

Bloomfield Township trustees enter into agreement with the Logan County Engineer's Office to have the following township roads 35 & 34 totaling 13,881 square yards at and estimated \$0.22 per square yard. The total estimated fogseal placement is \$3,053.82. The township will perform traffic control the day of work. The county offers no warranty on the work performed.

Mr. Kipton trustee second the motion. (roll call)

Mr. Copeland - yes
Mr. Knief - yes
Mr. Kipton - yes

Certified by Fiscal Officer this 11th day of September 2023.

Laura A Magato (signature)

Laura A Magato (written), Fiscal Officer

- Cannot use Sales Tax money to fog seal
- Trustees need to notify landowners and make sure their vehicles are removed from the edge of the road before work is performed
- Trustees need to notify landowners and make sure they cover their concrete drives prior to work being performed

RECEIVED
SEP 20 2023
LO. CO. ENGINEER