

First Reading: September 19, 2023
Second Reading: dispensed

RESOLUTION 2023 - 077

A RESOLUTION AUTHORIZING STEVE REUTELSHOFER, MAINTENANCE SUPERINTENDENT, TO PREPARE AND SUBMIT AN APPLICATION TO PARTICIPATE IN THE OHIO PUBLIC WORKS COMMISSION STATE CAPITAL IMPROVEMENT AND / OR LOCAL TRANSPORTATION IMPROVEMENT PROGRAM(S) AND TO EXECUTE CONTRACTS AS REQUIRED

WHEREAS, the Ohio Public Works Commission (OPWC) State Capital Improvement Program and the Local Transportation Improvement Program both provide financial assistance to political subdivisions for capital improvements to public infrastructure, and

WHEREAS, the Board of Township Trustees of Sycamore Township, Hamilton County Ohio, is planning to make capital improvements to "Marieview Court and Frane Lane Culvert Replacement", and

WHEREAS, the above-described infrastructure improvement is considered to be a priority need for the community and is a qualified project under the OPWC programs.

NOW THEREFORE, BE IT RESOLVED, by the Board of Township Trustees of Sycamore Township, State of Ohio:

SECTION 1. Steve Reutelshofer, Township Maintenance Superintendent, is hereby authorized to apply to the OPWC for funds as described above.

SECTION 2. Tracy Kellums, Township Administrator, is authorized to enter into any agreements as may be necessary and appropriate for obtaining this financial assistance.

SECTION 3. The Trustees of Sycamore Township upon at least a majority vote do hereby dispense with the requirement that this resolution be read on two separate days, and hereby authorize the adoption of this resolution upon its first reading.

SECTION 4. This resolution shall take effect on the earliest date allowed by law.

VOTE RECORD:

Mr. James Aye

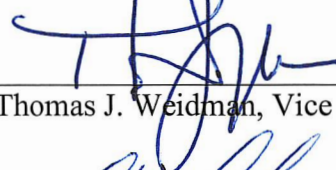
Ms. Schwegmann Aye

Mr. Weidman Aye

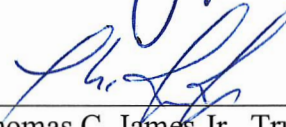
PASSED at a meeting of the Board of Township Trustees this 19th day of September, 2023.



Tracy Schwegmann, Chairman



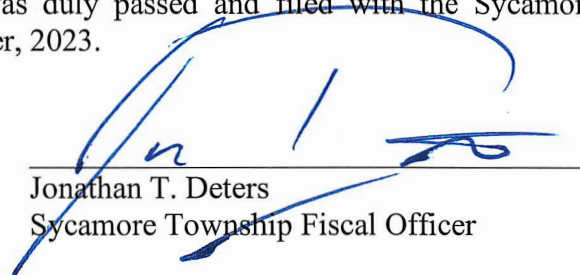
Thomas J. Weidman, Vice Chairman



Thomas C. James Jr., Trustee

AUTHENTICATION

This is to certify that this Resolution was duly passed and filed with the Sycamore Township Fiscal Officer this 19th day of September, 2023.



Jonathan T. Deters
Sycamore Township Fiscal Officer

APPROVED AS TO FORM:



Lawrence E. Barbieri, Law Director

FRANE LANE CULVERT REPLACEMENT
SYCAMORE TOWNSHIP, HAMILTON COUNTY
PRELIMINARY ENGINEER'S ESTIMATE



September 12, 2023

ITEM NO.	DESCRIPTION	UNIT OF MEASURE	APPROX. QTY.	UNIT COST	TOTAL COST
ROADWAY ITEMS					
201	CLEARING AND GRUBBING	LUMP	1	\$10,000.00	\$10,000.00
201	TREE REMOVED, 18"	EACH	3	\$406.00	\$1,218.00
201	TREE REMOVED, 30"	EACH	1	\$1,297.00	\$1,297.00
202	FENCE REMOVED	FT	85	\$10.00	\$850.00
202	GATE REMOVED	EACH	1	\$300.00	\$300.00
202	HEADWALL REMOVED	EACH	2	\$3,000.00	\$6,000.00
202	PAVEMENT REMOVED	SY	150	\$25.00	\$3,750.00
202	PIPE REMOVED, 24" AND UNDER	FT	136	\$25.00	\$3,400.00
202	PIPE REMOVED, OVER 24"	FT	250	\$50.00	\$12,500.00
202	CATCH BASIN REMOVED	EACH	2	\$413.50	\$827.00
202	STONE WALL REMOVED	LUMP	1	\$30,000.00	\$30,000.00
202	SPECIAL - FILL AND PLUG EXISTING CONDUIT	FT	55	\$500.00	\$27,500.00
202	REMOVAL, MISC.: BRICK PAVER PATIO	LUMP	1	\$2,500.00	\$2,500.00
203	EXCAVATION	CY	3750	\$55.00	\$206,250.00
203	EMBANKMENT	CY	1750	\$80.00	\$140,000.00
204	SUBGRADE COMPACTION	SY	150	\$4.00	\$600.00
252	FULL DEPTH PAVEMENT SAWING	FT	60	\$6.00	\$360.00
254	PAVEMENT PLANING, ASPHALT CONCRETE (1.5" DEPTH)	SY	150	\$2.25	\$337.50
301	ASPHALT CONCRETE BASE, PG64-22 (9" DEPTH)	CY	35	\$330.00	\$11,550.00
304	AGGREGATE BASE (6" DEPTH)	CY	45	\$110.00	\$4,950.00
407	TACK COAT	GAL	25	\$3.00	\$75.00
441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	CY	13	\$300.00	\$3,900.00
441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)	CY	6.5	\$300.00	\$1,950.00
452	NON-REINFORCED CONCRETE PAVEMENT (DRIVEWAY)	SY	220	\$125.00	\$27,500.00
503	COFFERDAMS AND EXCAVATION BRACING	LUMP	1	\$25,000.00	\$25,000.00
503	UNCLASSIFIED EXCAVATION, AS PER PLAN	LUMP	1	\$15,000.00	\$15,000.00
509	EPOXY COATED REINFORCING STEEL	LBS	5000	\$2.50	\$12,500.00
509	EPOXY COATED REINFORCING STEEL (CONCRETE SLAB)	LBS	10	\$2.50	\$25.00
511	CLASS QC1 CONCRETE, RETAINING/WINGWALL (NOT INCLUDING FOOTING)	CY	7.5	\$3,000.00	\$22,500.00
511	CLASS QC1 CONCRETE, FOOTING	CY	20	\$1,000.00	\$20,000.00
511	CLASS QC1 CONCRETE, HEADWALL	CY	1.75	\$5,000.00	\$8,750.00
511	CLASS QC1 CONCRETE, HEADWALL (CONCRETE SLAB)	CY	0.75	\$5,000.00	\$3,750.00
512	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	SY	45	\$36.00	\$1,620.00
512	TYPE 2 WATERPROOFING	SY	900	\$40.00	\$36,000.00
516	1" PREFORMED EXPANSION JOINT FILLER	SF	40	\$5.00	\$200.00
518	POROUS BACKFILL WITH GEOTEXTILE FABRIC	CY	3	\$85.00	\$255.00
530	MODULAR RETAINING WALL	SF	1050	\$75.00	\$78,750.00
601	ROCK CHANNEL PROTECTION, TYPE A, WITH GROUT	CY	100	\$400.00	\$40,000.00
602	CONCRETE MASONRY	LUMP	1	\$10,000.00	\$10,000.00
602	MASONRY, MISC.: BRICK PAVER PATIO	LUMP	1	\$10,000.00	\$10,000.00
605	UNDERDRAIN	FT	140	\$20.00	\$2,800.00
607	FENCE	FT	85	\$30.00	\$2,550.00
607	GATE	EACH	1	\$1,500.00	\$1,500.00
611	12" CONDUIT	FT	205	\$175.00	\$35,875.00
611	8x5' CONCRETE BOX CULVERT	FT	305	\$2,000.00	\$610,000.00
611	CATCH BASIN	EACH	4	\$3,750.00	\$15,000.00
659	TOPSOIL	CY	147	\$50.00	\$7,350.00
659	SEEDING AND MULCHING	SY	1325	\$3.00	\$3,975.00
659	COMMERCIAL FERTILIZER	TON	0.2	\$650.00	\$130.00
659	LIME	ACRE	0.3	\$200.00	\$60.00
659	WATER	MGAL	8	\$1.25	\$10.00
832	EROSION CONTROL	EACH	1	\$10,000.00	\$10,000.00
INCIDENTAL ITEMS					
614	MAINTAINING TRAFFIC, INCLUDING DETOUR SIGNING AND TEMPORARY PAVEMENT	LUMP	1	\$50,000.00	\$50,000.00
623	CONSTRUCTION LAYOUT STAKING AND SURVEYING	LUMP	1	\$20,000.00	\$20,000.00
624	MOBILIZATION	LUMP	1	\$10,000.00	\$10,000.00
	UTILITY RELOCATION - GREATER CINCINNATI WATER WORKS (GCWW)	LUMP	1	\$50,000.00	\$50,000.00
	UTILITY RELOCATION - METROPOLITAN SEWER DISTRICT (MSD)	LUMP	1	\$90,000.00	\$90,000.00
ROADWAY ITEMS SUBTOTAL					\$1,691,214.50
10% ROADWAY DESIGN CONTINGENCY					\$169,121.00
CONSTRUCTION TOTAL					\$1,860,335.50

I HERBY CERTIFY THAT THE PROJECT ESTIMATED COSTS LISTED ABOVE ARE REALISTIC BASED ON THE LEVEL OF DETAIL CURRENTLY AVAILABLE FOR THIS PROJECT AND ANTICIPATED FOR A 2024 CONSTRUCTION TIME FRAME. I ALSO CERTIFY THAT THIS PROJECT HAS AN EXPECTED USEFUL LIFE OF 46 YEARS YEARS BASED UPON NORMAL USAGE, REGULAR MAINTENANCE, AND CONSTRUCTED AS PER CURRENT STANDARDS IN USE BY THE OHIO DEPARTMENT OF TRANSPORTATION.

Dustin Gohs
Dustin Gohs, P.E. 9/12/2023
Date



Component	Useful Life	Estimated Cost	Weighted Useful Life
Pavement	12 years	\$54,972.50	\$ 659,670.00
Reconstruction	30 years	\$79,225.00	\$ 2,376,750.00
Water	50 years	\$50,000.00	\$ 2,500,000.00
Sanitary	50 years	\$90,000.00	\$ 4,500,000.00
Storm Sewer	50 years	\$1,324,502.00	\$ 66,225,100.00
		\$1,598,699.50	\$ 76,261,520.00

Average weighted useful life of total project = 46 YEARS