

REPORT OF COUNTY ENGINEER

REVISED CODE, SEC. 6131.09

In the Matter of the
Single County Ditch No. 1337
Petitioned for by: Michael Phillips, etal

County Engineer's Office
Allen County, Ohio

July 23, 2020

To the Board of County Commissioners:

The undersigned County Engineer, in obedience to the order of your Board, made on July 25, 2019, proceeded in the above matter and made the necessary survey, plans, maps, and estimate of actual costs of construction and development of a maintenance fund.

I also prepared a schedule containing the name of each owner of the land, with a description of the land which I believe to be benefited by the proposed improvement, taken from the tax duplicate of the county, and have entered in the schedule the approximate number of acres benefited by the proposed improvement, and the estimated amount that the land, in my opinion, ought to be assessed, as a result of this petition. The survey, maps, profiles, plans, schedules, and reports are attached and made a part hereof.

In my opinion based on actual view and under requirements of Section 6131.09 of the Revised Code, I estimate the cost of construction of said improvement with my further findings as follows:

Engineer's Estimate for the Napoleon Rd Petitioned Ditch #1337						
REF. NO.	ITEM NO.	QTY.	UNIT	DESCRIPTION	UNIT PRICE	TOTAL AMOUNT
Main Tile						
	603	2130	LF	12" HDPE Conduit	18.00	\$ 38,340.00
	604	4	EA	2 x 2 CB	1,100.00	\$ 4,400.00
	603	10	EA	Misc Tile Connections / Fittings	50.00	\$ 500.00
	659	1500	SY	Residential Yard Seeding & Mulching	1.00	\$ 1,500.00
Sub-Total Main Tile:						\$ 44,740.00
Lateral Tile						
	603	500	LF	10" HDPE Conduit	16.00	\$ 8,000.00
	603	540	LF	8" HDPE Conduit	15.00	\$ 8,100.00
	603	5	EA	Misc Tile Connections / Fittings	50.00	\$ 250.00
	604	2	EA	2 x 2 CB	1,100.00	\$ 2,200.00
Sub-Total Lateral Tile:						\$ 18,550.00
Open Ditch						
	201	1950	LF	Open Ditch Clearing and Grubbing	5.00	\$ 9,750.00
	203	800	CY	Open Ditch Excavation	5.00	\$ 4,000.00
	659	1000	SY	Ditch Bank Seeding & Mulching	0.85	\$ 850.00
Sub-Total Open Ditch:						\$ 14,600.00
Construction Total						\$ 77,890.00
Additional Expenses of Petitioned Project						
Project Contingency 15%						\$ 11,683.50
Allen County Contract Services:						
Allen County Engineer Expenses to Date						\$ 7,575.63
Surveying, Engineering, Inspection, and Administration						\$ 4,000.00
Advertising & Printing:						
Advertising & Printing - Delphos Publication						\$ 345.06
Advertising & Printing to Complete						\$ 600.00
Interest & Fiscal Management:						
Bond Council Fees						\$ 10,000.00
Interest for Project Loan: \$109,950.86 @ 3% for 5 yr loan.						\$ 9,500.00
Sub-Total Additional Expenses:						\$ 43,704.19
TOTAL ESTIMATED COST OF PROJECT:						\$ 121,594.19

Based on the above estimate, I feel that the costs of this project are reasonable compared to the numerous significant benefits. Further, it is my opinion that the proposed improvement is feasible and necessary and shall be placed on permanent maintenance once completed.

Respectfully submitted,

Brion E. Rhodes, P.E., P.S.
ALLEN COUNTY ENGINEER