

REPORT OF COUNTY ENGINEER

REVISED CODE, SEC. 6131.09

In the Matter of the
Single County Ditch No. 1332
Petitioned for by: Michael Kleman

County Engineer's Office
Allen County, Ohio
November 17, 2021

To the Board of County Commissioners:

The undersigned County Engineer, in obedience to the order of your Board, made on March 22, 2018, 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 Smith Improvement Project Petitioned Ditch #1332						
REF. NO.	ITEM NO.	QTY.	UNIT	DESCRIPTION	UNIT PRICE	TOTAL AMOUNT
1	611	150	LF	6" HDPE Dual Wall Conduit	\$ 9.00	\$ 1,350.00
2	611	90	LF	8" HDPE Dual Wall Conduit	\$ 12.00	\$ 1,080.00
3	611	915	LF	12" HDPE Dual Wall Conduit	\$ 18.00	\$ 16,470.00
4	611	2240	LF	15" HDPE Dual Wall Conduit	\$ 20.00	\$ 44,800.00
5	611	4	EA	2 x 2 CB W/ Grate	\$ 1,200.00	\$ 4,800.00
6	611	1	EA	15" - 15 Deg. HDPE Elbow	\$ 150.00	\$ 150.00
7	611	2	EA	15" - 30 Deg. HDPE Elbow	\$ 150.00	\$ 300.00
8	611	1	EA	15" - 45 Deg. HDPE Elbow	\$ 150.00	\$ 150.00
9	611	10	EA	Tile Connections / Fittings 8" or less	\$ 100.00	\$ 1,000.00
10	659	500	SY	Residential Seeding & Mulching	\$ 1.25	\$ 625.00
Construction Total:						\$ 70,725.00
10% Construction Contingency:						\$ 7,072.50
<u>Additional Expenses of Petitioned Project</u>						
Commissioner's Provision 15% :						\$ 10,608.75
Allen County Engineer Contract Services:						
Completed Surveying, Engineering, and Administration						\$ 10,063.94
Future Surveying, Inspection, Project Management (Estimated)						\$ 7,500.00
Advertising & Printing Mailing Costs						\$ 1,000.00
Additional Expenses Total:						\$ 29,172.69
Interest & Fiscal Management:						
Bond Counsel Fees (With in house financing)						\$ 2,500.00
Interest to Complete: \$107,000 @ 2.5% for 5 yrs.						\$ 8,025.00
TOTAL ESTIMATED COST OF PROJECT:						\$ 117,495.19

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