

**REPORT OF
COUNTY ENGINEER**

REVISED CODE, SEC. 6131.09

In the Matter of the
Single County Ditch No. 1276
Petitioned for by: Shawver & Goddard

**County Engineer's Office
Allen County, Ohio**

March 25, 2010

To the Board of County Commissioners, Allen County, Ohio:

The undersigned County Engineer, in obedience to the order of your Board, made on April 29, 2008, 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:

QTY.	UNIT	DESCRIPTION - Alternative #1 (Complete Project)	UNIT PRICE	TOTAL AMOUNT
Storm Drainage North and West of Shawver & Goddard				
110	LF	10" HDPE, Smooth Wall Conduit, Type C	12.00	1,320.00
150	LF	12" HDPE Smooth Wall Conduit, Type C	14.00	2,100.00
2	EA	2 x 2 Catch Basin w/ Risers & Grate	600.00	1,200.00
Zurmehly Road Culvert				
2	EA	2 x 4 Catch Basin w/ Risers & Grate	1,000.00	2,000.00
60	LF	30" HDPE, Smooth Wall Conduit, Type C	60.00	3,600.00
1	LUMP	Flowable Fill	1,000.00	1,000.00
1	LUMP	Aggregate Backfill	400.00	400.00
1	LUMP	Asphalt Roadway Repair	400.00	400.00
Storm Drainage Through Shawnee School				
1,810	LF	30" HDPE, Smooth Wall Conduit, Type C	60.00	108,600.00
4	EA	2 x 4 Catch Basin w/ Risers & Grate	1,000.00	4,000.00
1	EA	Headwall HW-1	2,000.00	2,000.00
Waterway and Open Ditch Reconstruction, N & S of Inwood Drive				
500	LF	Waterway Regrading	9.00	4,500.00
600	LF	ODR-T1 (Very Minimal Removal to be Completed)	8.00	3,000.00
15,000	SY	Residential Fertilizer and Seeding	0.45	6,750.00
40	Rolls	Wester Excelior Soil Retention Blanket	65.00	2,600.00

Sub-Total Estimated Construction Cost	\$145,770.00
Contract Contingency @ 10%	14,500.00
Total Estimated Construction Cost:	\$159,770.00

Additional Expenses of Petitioned Project		
Allen County Contract Services:		
Preliminary Engineering and Administration to date		11,724.68
Surveying, Engineering, and Administration to complete		8,000.00
Contract Services by Others:		
Bacon & Associates LLC		7,500.00
Advertising & Printing:		
Advertising & Printing to date		139.69
Advertising & Printing to complete		2,000.00
Interest & Fiscal Management:		
Interest & Fiscal to date		1,072.60
Interest to Complete (\$185,206.97 @5% = \$9,260.35)		9,300.00
Sub-Total Additional Expenses:		\$39,736.97

Total Project Cost ~ Alternative #1: \$199,506.97

Plus First Time maintenance of 5%

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,

Timothy J. Piper, P.E., P.S.
ALLEN COUNTY ENGINEER

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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:

Table with 5 columns: QTY., UNIT, DESCRIPTION - Alternative #2 (Zurmehly Road Culvert and Inwood Drive Waterway), UNIT PRICE, TOTAL AMOUNT. Rows include items like Catch Basin, HDPE Conduit, Flowable Fill, Aggregate Backfill, Asphalt Roadway Repair, and sub-totals for Zurmehly Culvert, Inwood Drive Waterway, and Total Construction Cost of Alternative #2.

Additional Expenses of Petitioned Project		
Allen County Contract Services:		
Preliminary Engineering and Administration to date		11,724.68
Surveying, Engineering, and Administration to complete		4,000.00
Contract Services by Others:		
Bacon & Associates LLC		7,500.00
Advertising & Printing:		
Advertising & Printing to date		139.69
Advertising & Printing to complete		1,000.00
Interest & Fiscal Management:		
Interest & Fiscal to date		1,072.60
Interest to Complete (\$185,206.97 @5% = \$9,260.35)		1,300.00
Sub-Total Additional Expenses:		\$26,736.97

Total Project Cost ~ Alternative #2: \$40,746.97

Plus First Time maintenance of 5%

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,

Timothy J. Piper, P.E., P.S.
ALLEN COUNTY ENGINEER