

**ALLEY JOINT COUNTY DITCH, PROJECT NO. 091**  
Sandusky/Seneca Counties

**PRELIMINARY REPORT**

The proposed project begins at a point on the existing open ditch approximately 825 feet north and 250 feet west of the SE corner of Seneca County Parcel No. N46000747600000, Section 5, Thompson Township, Seneca County, T3N R17E; thence continues in a Northerly direction for approximately 500 feet; thence turns and follows a Westerly direction for approximately 2,500 feet, crossing under Thompson Township Road 79; thence continuing in a Northwesterly direction for approximately 6,350 feet before crossing under Thompson/Adams Township Road 78; continuing in a Northwesterly direction for approximately 3,450 feet before reaching the Seneca/Sandusky County Line; crossing under Seneca County Road 62 (aka Sandusky County Road 113); thence turning and continuing in a westerly direction for approximately 1,500 feet along the north side of said road; thence turning and continuing in a Northwesterly direction for approximately 600 feet; thence turns and continues in a Northerly direction for approximately 500 feet, crossing under Sandusky County Road 177; thence turns and continues in a Northeasterly direction for approximately 800 feet; thence turns and continues in a Northerly direction for approximately 225 feet; thence turns in a Northeasterly direction for approximately 1,500 feet; thence turns in a Northerly direction for approximately 1,900 feet; thence turns in a general Northeasterly direction for approximately 2,700 feet and terminates at the junction with Raccoon Creek in Section 36 Green Creek Township, Sandusky County.

The ditch is approximately 23,000 feet long and drains approximately 3,500 acres. The channel is silted in to the point that numerous field tiles do not have adequate freeboard and flow is restricted to a noticeable extent. Brush ranges from moderate to heavy. The scope of work to be performed on the Alley Ditch, if the project should go to completion, will consist of brush removal and disposal, open channel excavation, spoil leveling, installation of rock channel protection where needed, installation of new outlet pipes where needed, and the seeding and fertilizing of the excavated areas.

The estimated construction cost for the project is \$210,000.00 and the estimated incidental cost is \$40,000.00 for a grand total of \$250,000.00. Excavation, spoil leveling, brush removal and disposal, rock channel protection, outlet pipes, and seeding of the banks are included in the construction costs. Incidental costs include items such as commissioner's expenses (\$3,000.00), first year's maintenance (\$8,000.00), engineering (\$13,000.00), a contingency fund (\$10,000.00), and a capital interest amount (\$6,000.00).

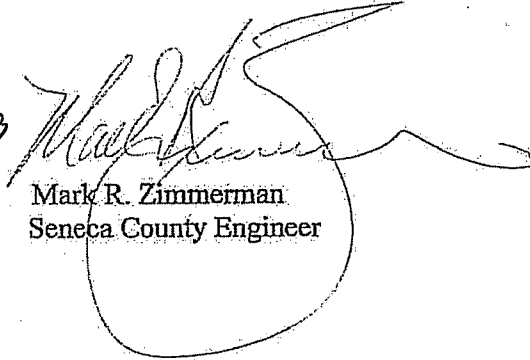
It should be pointed out that all costs are only an estimate. Final assessments would be based on actual costs. It should also be pointed out that all structures on the project will need to be checked for alignment and size. All structures are the responsibility of the owner. It is the opinion of the Engineer that the project is feasible, that it is conducive to the public, that there is a sufficient outlet, and that the benefits will exceed the costs.

Respectfully submitted,

*Paul H. Fiser*

Paul H. Fiser  
Drainage Engineer

Date: 6-16-9

A large, stylized handwritten signature in black ink, appearing to read 'Mark R. Zimmerman'. The signature is written over the printed name and title of the signatory.

Mark R. Zimmerman  
Seneca County Engineer

Date: 6/16/09

5-15-2009

**ALLEY JOINT COUNTY DITCH PROJECT NO. 091**

**MAIN CHANNEL TOTAL ESTIMATED PROJECT COST**

**CONSTRUCTION:**

Brush Removal & Disposal (Lump Sum) = \$ 100,200.00  
Excavation (23,000 ft. @ \$2.00/ft.) = \$ 46,000.00  
Level Spoils (25,000 yds. @ \$1.00/yd.) = \$ 25,000.00  
Seeding & Fertilizer (10 acres @ \$ 400.00/acre) = \$ 4,000.00  
Rock Channel Prot. (750 ton @ \$30.00/ton) = \$ 22,500.00  
4" Conduit (150 ft. @ \$8.00/ft.) = \$ 1,200.00  
6" Conduit (300 ft. @ \$10.00/ft.) = \$ 3,000.00  
8" Conduit (300 ft. @ \$ 12.00/ft.) = \$ 3,600.00  
10" Conduit (150 ft. @ \$ 14.00/ft.) = \$ 2,100.00  
12" Conduit (150 ft. @ \$ 16.00/ft.) = \$ 2,400.00

*20,000 yds Fertilizer  
3-8-10*

Construction Cost = \$ 210,000.00

**INCIDENTALS:**

Commissioners' Expense = \$ 3,000.00  
1<sup>st</sup> Year's Maintenance = \$ 8,000.00  
Engineering = \$ 13,000.00  
Contingency = \$ 10,000.00  
Capital Interest = \$ 6,000.00

Incidental Cost = \$ 40,000.00

**Total Estimated Cost = \$ 250,000.00**