

ZUBER ROAD – PLUM RUN DRAINAGE IMPROVEMENTS

PUBLIC INVOLVEMENT MEETING
AUGUST 17, 2023



Cornell R. Robertson, P.E., P.S.
Franklin County Drainage Engineer
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THANK YOU FOR ATTENDING!
WE WILL GET STARTED AT 6:10 P.M.

- We will give a brief presentation on the project and cover some of the Frequently Asked Questions.
- There will be a Q & A session at the end of the presentation.
- Staff will be available for further assistance until 7:10 P.M.



Introductions



Project Background

- Plum Run, known as Smith Ditch, was petitioned in 1876 and extended in 1877 in Jackson and Pleasant Townships
- Length of open ditch is over 14,500 linear feet
- The existing storm sewers and road culverts are undersized for modern standards
- Sedimentation in a poorly defined channel has caused the need for maintenance to restore the flow capacity.



THE J. O. SMITH DITCH PETITION.

TO THE TRUSTEES OF JACKSON AND PLEASANT TOWNSHIP, FRANKLIN CO. STATE OF OHIO:*

GENTLEMEN:-

We, your petitioners respectfully represent to your Honorable body that there is a necessity for deepening and widening a certain ditch drain or water course which has been located by the Trustees of Pleasant Township.

Commencing at a point in said located ditch at the line between lands owned by J.O.Smith and Stanford Smith in Pleasant Township; thence easterly along the line of said located ditch to the East line of the said Stanford Smith it being the west line of lands owned by Sarah Ann Beavers also being the line between Jackson and Pleasant townships to another ditch which has been located by the Trustees of Jackson township, where a like necessity exists. Thence following the line of said located ditch to a stone, the terminus of said located ditch on the land owned by the said Sarah Ann Beavers in Jackson Township. And from said last mentioned point there is a necessity for locating, establishing and constructing a ditch or water course. Thence along the line of an old ditch through lands owned by said Sarah Ann Beavers to Felix Fisher's west line, thence along the line of the old ditch through the said Felix Fisher land in Jackson Township in an easterly direction to L. E. Lewis' land in Jackson Township to lands owned by Joshua Orders, Thence easterly along the line of an old ditch through the said Joshua Order's land to land owned by Clarissa White in Jackson Township to another located ditch, where there is a sufficient outlet.

And your petitioners further respectfully represent to your honorable body, That there is (P.60.) a necessity for locating, establishing and constructing a branch ditch to the aforesaid proposed ditch.

Commencing at a stake at a point on Stanford Smith's land in Pleasant Township where there are three branches of water running together, Thence easterly along an imperfect drain or water course through the said Stanford Smith's land to Sarah Ann Beavers west line it being the line between Jackson and Pleasant Townships. Thence easterly along the line of the old ditch or otherwise as your honors may determine. Through lands owned by Sarah Ann Beavers to the aforesaid proposed ditch, said necessity consists in the fact that surface water is hindered in its passage so as to render the agricultural operations of the undersigned fruitless and void, and your petitioners will ever pray.

Sept 3, 1877.

Signed J. O. Smith
his
Stanford X Smith.
mark
Felix Fisher.
L. E. Lewis.

The petition of which the above is a true copy was duly filed the 8th day of Sept. 1877, Time set for hearing the same was Tuesday the 18th day of Sept. 1877 at 8 O'clock A.M. at the residence of J. O. Smith in Pleasant township.

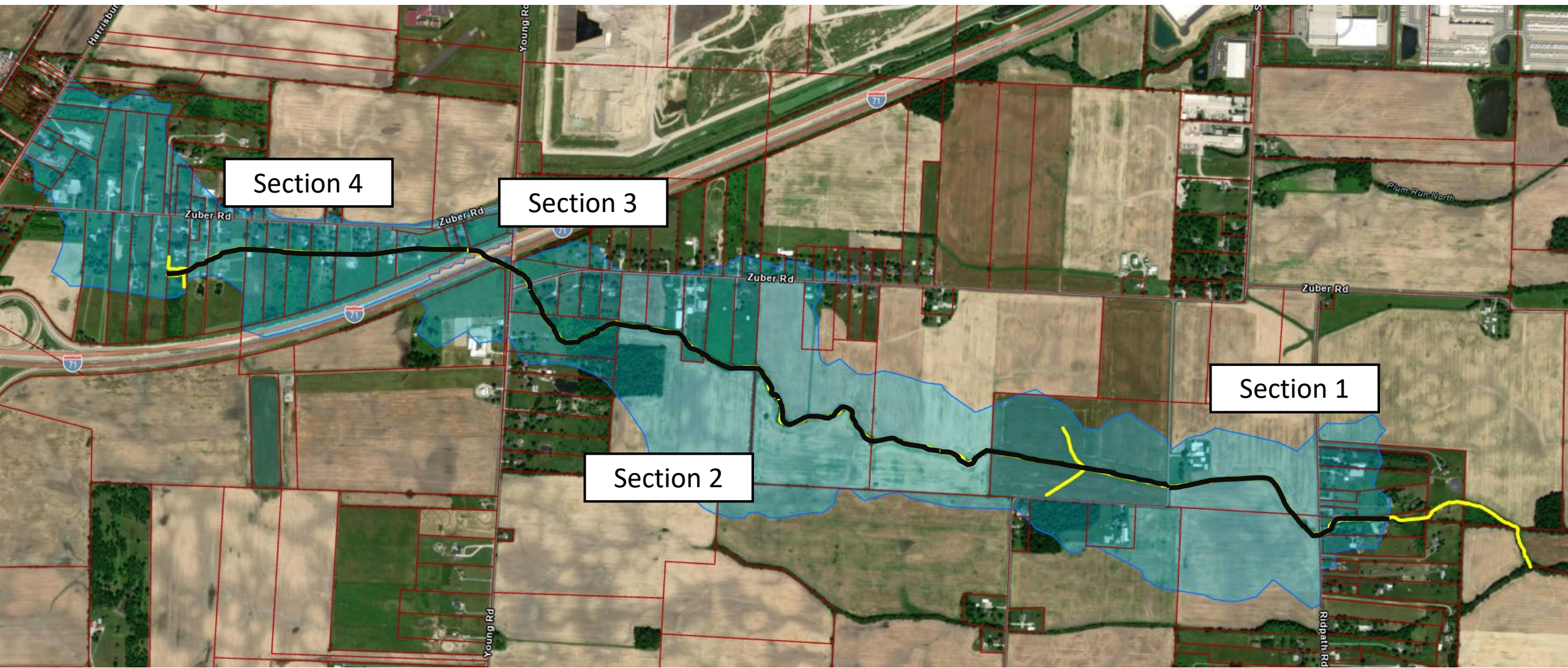
Geo. Hoover, Tp. Clerk.

Bond in the sum of One Hundred Dollars was given to secure the payment of costs if the Trustees refuse to locate.

Signed by J. O. Smith. Stanford X Smith.
his
mark

Approved by Geo. Hoover, Tp.Clk.

... PROOF OF SERVICE. ...





Scope of Work

Section 1

- Ridpath Road Culvert
- Ditch Restoration

Section 2

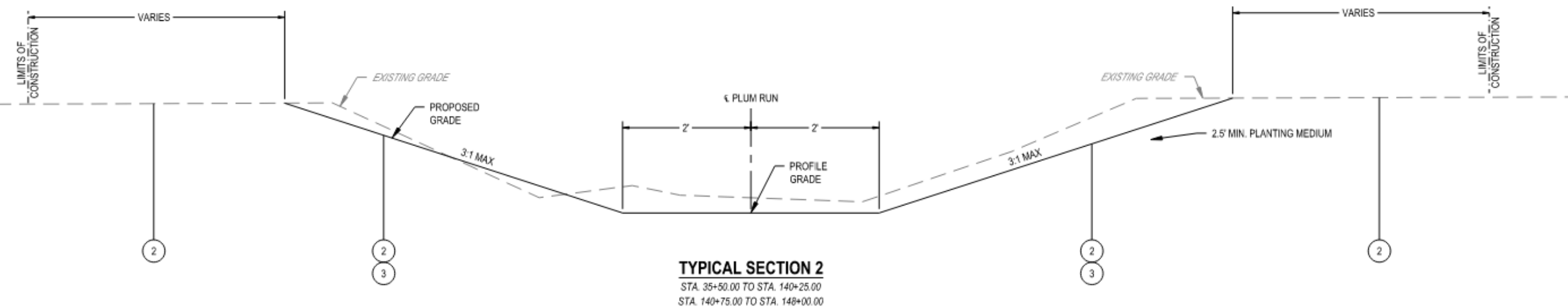
- Ditch Restoration

Section 3

- Young Road & Zuber Road culverts
- Ditch Restoration

Section 4

- Ditch Restoration
- Box culvert installation



Zuber Road – Plum Run Ditch Enhancement Concept Section



Opinion of Probable Project Cost

Section 1

- Construction Cost: \$369,348
- Total Cost: \$422,903

Section 2

- Construction Cost: \$870,239
- Total Cost: \$996,424

Section 3

- Construction Cost: \$1,237,028
- Total Cost: \$1,553,707

Section 4

- Construction Cost: \$1,901,570
- Total Cost: \$2,388,372

Project Schedule



- Preliminary Engineering Report
 - 2020
- Engineering Plan Design
 - Summer 2021 – Present
- Environmental Permitting
 - March 2022
- Construction
 - Will be completed in sections
 - Late 2024 - 2027



Frequently Asked Questions

Vegetation Removal

- We will only remove vegetation that is necessary to complete the project and improve the functionality of the ditch

Private Property Affected

- We are making all possible efforts to keep the project limits within the existing drainage easements
- Disturbed areas will be seeded and mulched or restored to existing conditions

Funding Source

- The Franklin County Drainage Engineer will be submitting Zuber Road – Plum Run Drainage Improvements for the Ohio Public Works Commission Grant Application
 - Applications are due September 1
 - Grant awards beginning in December
- Ohio Department of Transportation will contribute funding for Section 3

QUESTIONS?

Contact: Abby Obert, EI, Drainage Project Engineer Intern
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