

FAIRFIELD TOWNSHIP
RESOLUTION NO. 17-21

**RESOLUTION FOR PRE-ENGINEERING ON PRINCETON ROAD FOR SIDEWALKS,
USING TEC ENGINEERING IN THE AMOUNT NOT TO EXCEED \$12,000.00.**

WHEREAS: The Trustees believe a road improvement project including sidewalks on the west side of Princeton Road will enhance the health, safety and welfare of Fairfield Township residents; and

WHEREAS: The first step in the process of the road improvement project is to retain a firm to pre-engineer the project; and

WHEREAS: TEC Engineering is a reputable engineering firm which has agreed to perform the pre-engineering at a very reasonable price;

NOW, THEREFORE, BE IT RESOLVED, by the Trustees of Fairfield Township, Butler County, Ohio, as follows;

SECTION 1: The Board of Trustees does hereby authorize pre-engineering on Princeton Road for a road improvement project using TEC Engineering in the amount not to exceed \$12,000.00, a copy of which is attached and made a part of this resolution by reference.

SECTION 2: The Trustees of Fairfield Township do hereby dispense with the requirement that this resolution be read on two separate days, pursuant to RC 504.10, and do authorize the adoption of this resolution upon its first reading.

SECTION 3: This resolution is the subject of the general authority granted to the Board of Trustees through the Ohio Revised Code and not the specific authority granted to the Board of Trustees through the status as a Limited Home Rule Township.

SECTION 4: That it is hereby found and determined that all formal actions of this Board concerning relating to the passage of this Resolution were taken in meetings open to the public, in compliance with all legal requirements including §121.22 of the Ohio Revised Code.

SECTION 5: This resolution shall take effect at the earliest period allowed by law.

Adopted: February 22, 2017

Board of Trustees

Vote of Trustees

Shannon Hartkemeyer: <u>Shannon Hartkemeyer</u>	<u>yes</u>
Joe McAbee: <u>Joe McAbee</u>	<u>yes</u>
Susan Berding: <u>Susan Berding</u>	<u>yes</u>

AUTHENTICATION

This is to certify that this is a resolution which was duly passed, and filed with the Fairfield Township Fiscal Officer this 22nd day of February, 2017.

ATTEST:

Nancy A. Bock
Nancy Bock, Fairfield Township Fiscal Officer

APPROVED AS TO FORM:

L. E. Barbieri
Lawrence E. Barbieri, Township Law Director



February 16, 2017

Mr. Ken Geis
Fairfield Township
6032 Morris Road
Fairfield Township, OH 45011

RE: Princeton Road Sidewalk
TEC P/N: 16164-P01

Dear Mr. Geis,

TEC Engineering, Inc. is pleased to submit a cost proposal for preparation of preliminary engineering drawings and a construction estimate for the extension of a sidewalk on the north side of Princeton Road. The documents to be prepared may be used as a planning instrument suitable for grant submittals and budgeting. The proposed sidewalk will connect two existing sidewalk segments from just east of Hampshire Drive to just west of Walden Ponds Circle. TEC has prepared the following scope of services and fee:

Scope of Services:

TEC will prepare a planning level set of preliminary engineering drawings for the proposed sidewalk with sheets including: title sheet, typical section, 20 scale plans, and 5 scale cross sections at 100' intervals. The proposed typical section will mimic the connecting section of Princeton Road just west of Walden Ponds and will utilize a 2' wide shoulder, curb and gutter, 4' grass strip and 5' concrete walk. Modifications may be made as necessary to avoid significant grading and right of way purchases.

TEC will provide a preliminary drainage design to extend existing culverts and storm sewer pipes and to preliminarily space new catch basins as needed for curb drainage.

TEC will use GIS topography and property lines along with field observations of utilities to determine where additional right of way and temporary easements may be required for construction of the proposed improvements.

TEC will prepare and stamp a construction cost estimate taking into account all proposed construction items, utility relocations considered to be project costs, and possible right of way costs. Utility relocations within right of way – if needed – will be considered costs borne by the utility company and not part of the project costs.

Preliminary engineering plans and estimates will be submitted to you Fairfield Township in electronic (PDF) format and will also include two stamped and sealed 11x17 sets of drawings and construction cost estimates.

Fee:

Our fee for the entire scope shown above will be *ten thousand thirteen dollars (\$10,013)*. This project will be billed to you on a time and expense not to exceed basis. Any additional work above and beyond the provided scope (additional revisions to the plans, additional copies, attended meetings, additional analyses, presentations/presentation materials, etc.); will be billed to you on an hourly basis. Prior to any billings for additional work, TEC Engineering will request a change order from the client.

IF AUTHORIZED – Topographic Survey:

As an added service TEC surveyors can provide a topographic survey of the proposed sidewalk location that can be used for these preliminary plans and for any future construction drawings. The proposed survey would allow for a more accurate cost estimate of the preliminary plans. The proposed survey includes locating all topographic items, survey or OUPS located utilities, and an accurate representation of property lines and right of way.

The increased fee for providing a topographic survey for the proposed sidewalk area is *eleven thousand nine hundred fifty-eight dollars (\$11,958)*.

We appreciate the opportunity to provide you with this proposal and look forward to working with you on this project. If you have any question regarding this proposal, please call me at (513) 618-9362.

Sincerely,

A handwritten signature in cursive script that reads "Bryan Bender".

Bryan Bender, PE

Fairfield Township
 Princeton Road Sidewalk
 TEC P/N: 18104-P01
 TEC Engineering, Inc.

28-Jul-16

ESTIMATED LABOR FEE

Task	Personnel / Estimated Hours					Total Fee Each Staff Category					
	Project Manager	Project Engineer	Technician	Surveyor	Total Hours	Project Manager	Project Engineer	Technician	Surveyor	Reimb.	Total Task Fee
	@	@	@	@		@	@	@	@		
						\$ 148	\$ 107	\$ 77	\$ 103		
Preliminary Engineering/Alternatives Evaluations											
Prepare Basemap using GIS topo and property data		8			8		\$ 856				\$ 856
Title Sheet and Location Map		3			3		\$ 321				\$ 321
Typical Section with shoulder widening and sidewalk	1	2			3	\$ 148	\$ 214				\$ 362
Sidewalk Layout and Design (3500')	4	8			12	\$ 592	\$ 856				\$ 1,448
Preliminary Cross Sections (100' Intervals & significant locations)	4	8			12	\$ 592	\$ 856				\$ 1,448
Preliminary Drainage Design and field verify existing culverts	8				8	\$ 1,184					\$ 1,184
20 Scale Plan Sheets (4 sheets double stack)		16			16		\$ 1,712				\$ 1,712
5 Scale Cross Section sheets (4 sheets double stack)		8			8		\$ 856				\$ 856
Construction Limits and determine new Right of Way needed	2	2			4	\$ 286	\$ 214				\$ 510
Prepare Construction Cost Estimate	2	4			6	\$ 286	\$ 428				\$ 724
Project Management	4				4	\$ 562					\$ 562
Total Preliminary Engineering	25	59	0	0	84	\$ 3,700	\$ 6,313	\$ -	\$ -	\$ -	\$ 10,013
IF AUTHORIZED - Field Survey											
Contact OUPS for utility markings and plan info			2		2		\$ 154				\$ 154
Set control and perform level loop			4	4	8		\$ 308	\$ 412			\$ 720
Research recorded deeds (online and courthouse)			4	4	8		\$ 308	\$ 412			\$ 720
Perform Topographic Site Survey			40	40	80		\$ 3,080	\$ 4,120	\$ 100		\$ 7,300
Data reduction and electronic basemapping				16	16		\$ 1,648				\$ 1,648
Resolve property lines and existing easements				8	8		\$ 824				\$ 824
Project Management	4				4	\$ 592					\$ 592
Total - IF AUTHORIZED - Field Survey	4	0	60	72	126	\$ 592	\$ 3,860	\$ 7,416	\$ 100	\$ -	\$ 11,958