

**BOARD OF TRUSTEES
ETNA TOWNSHIP, LICKING COUNTY, OHIO**

RESOLUTION: 2025-014

The Board of Trustees of Etna Township, Licking County, Ohio met in regular session on March 18, 2025 at 81 Liberty Street with the following members present:

Gary Burkholder, Rozland McKee, and Mark Evans

Burkholder moved the adoption of the following:

The Ohio Department of Transportation documentation for Speed Zones for Etna Crest Boulevard to 25 mph.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF ETNA TOWNSHIP, LICKING COUNTY, OHIO:

Section 1. To accept the speed warranted (25 mph) by the study performed by the Licking County Engineer for Etna Crest Boulevard and to forward to the Ohio Department of Transportation for approval.

Section 2. It is found and determined that all formal actions of this Board concerning and pertaining to the adoption of this Resolution were taken in an open meeting of this Board, and that all deliberations of the Board, and any of its committees, that resulted in such formal action were in meetings open to the public, in accordance with all legal requirements including Ohio Revised Code §121.22.

Section 3. This Resolution shall take effect at the earliest time provided by law.

McKee seconded the Resolution and the roll being called upon its adoption the vote resulted as follows:

YEAS: Evans * Burkholder * McKee

NAYS: _____ * _____ *

The motion carried and the Resolution was adopted.

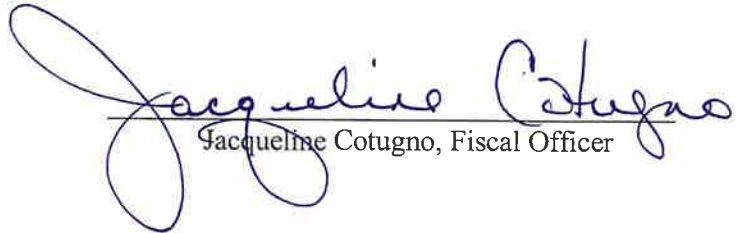
Attest: 
Jacqueline Cotugno, Fiscal Officer

CERTIFICATE

State of Ohio, Licking County

**BOARD OF TRUSTEES
ETNA TOWNSHIP, LICKING COUNTY, OHIO**

I, the undersigned President, Board of Trustees of Etna Township, Licking County, Ohio, hereby certify that the foregoing Resolution Number 2025-014 is a true and complete copy of the Resolution adopted by a majority of the full membership of the Board of Trustees of Etna Township at its regular meeting held on March 18, 2025 as was recorded in the official proceedings of the Board.


Jacqueline Cotugno, Fiscal Officer



TOWNSHIP REQUEST FOR ENGINEERING ASSISTANCE

Jared Knerr, P.E., P.S.
Licking County Engineer
20 South Second Street
Newark, Ohio 43055
jknerr@lcounty.com

Office Use Only

Request #: _____
Received: _____

Date: 10/8/2024 Township: Etna Township The

Board of Township Trustees hereby requests the County Engineer's services as follows:

Road or Project Name: Etna Crest Boulevard Road #: _____

Location: _____ miles _____ (direction) of _____ (nearest intersection) or address # _____ or between _____ and _____ (roads).

(Check all that apply):

ROADWAY/TRAFFIC SAFETY:

- Speed limit study
- Intersection study (County Road Only)

- Curve/Ball Bank study
- Safety study

ROADWAY PLANNING:

- Roadway widening or other improvement study (attach location sketch)
- Intersection improvements study
- Construction estimate (force-account)
- Construction estimate (ODOT format)
- Construction plans, specifications, construction administration and inspection
- OPWC Application
- OTHER (provide details below):

CULVERTS (see the culvert section of instruction sheet):

- Culvert hydraulic analysis (pipe sizing)
- Culvert replacement (Greater than 36")

(Must attach culvert inspection form & see application instructions for details)

- Check One: Township will supply Culvert
 Township will supply 50% of culvert funding
 Township will not supply culvert or funding

SURVEYS:

- Surveying Township owned properties

Include a brief description of what the board is requesting. If there are multiple locations, list them below:

Requesting existing Etna Crest Boulevard and subsequent extension be 25 MPH.

Township requests that the County Engineer send a response to the following:

Don Copley

Street Superintendent

Name	<u>81 Liberty Street</u>	Title	<u>Etna</u>	<u>43018</u>
Address	<u>740-927-7717</u>	City	<u>roads@etnatownship.com</u>	Zip
Phone		Fax	Email	

[Signature] 10/10/24
Township Trustee Date

[Signature] 10/11/24
Township Trustee Date

[Signature] 10/15/24
Township Trustee Date

[Signature] 10/18/2024
Township Fiscal Officer* Date

- A minimum of two Trustee signatures is required.*

*A copy of resolution requesting engineering assistance by the Board along with this form signed by Township Fiscal Officer is acceptable

Mail, E-Mail or Fax the signed and completed form with any additional information to:

Jared Knerr, P.E. P.S.
Licking County Engineer
20 South Second Street
Newark, OH 43055
Fax: 740-670-5295
Email: jknerr@lcounty.com

Please see instructions for more information

Instructions for filling out the Licking County Engineer's Request for Engineering Assistance form:

DATE: Fill out the date that the request was signed by the township board of trustees (or the last date if signed on more than one date by different trustees).

ROADWAY/TRAFFIC SAFETY:

Speed limit study:

1. Gravel, dirt or unimproved roads" in accordance with ORC 4511.21(K)(1) The Board may establish speed limits by resolution, based on an engineering and traffic investigation, for all unimproved roads (gravel or dirt). A speed limit between 25mph to 55mph may be enacted.

2. Subdivision streets within platted commercial or residential subdivisions in accordance with ORC 4511.21(K)(5)" Except for "through highways", the Board may establish speed limits by resolution, based on an engineering and traffic investigation. Speed limits may be established from 25mph to 55mph on these streets. (Note: Copies of engineering and traffic investigations should be maintained in township files).

3. All other highways and roads in accordance with ORC 4511.21(B)(5): Speed limit established by ODOT based on engineering investigation done by the County Engineer. The Engineer will advise the township what, if any, change in speed limit is feasible, but ODOT has sole authority to alter speed limits on these roads.

Intersection study: Only applies for township and county road intersections. The Engineer will investigate the current traffic pattern at the intersection using traffic counts or other methods. If a change in the current stop condition is warranted or sight distance obstructions are present, the Engineer will recommend a change and/or a course of action.

Curve/Ball Bank study: The County Engineer will perform a Curve Speed Study to determine the maximum comfortable speed on a horizontal curve for use in determining whether a Turn, Curve, or Advisory Speed signs are required to warn motorist.

Safety study: A Safety Study will be performed by LCATS to determine if a solution is warranted and what the solution would be.

ROADWAY PLANNING:

Roadway/intersection improvement: The Township should specify the type and limits of improvements desired. Be specific. If only pavement work is desired, please refer to the section above. For road widening or more extensive improvement projects, the County Engineer's Office will evaluate existing conditions and report on possible alternatives. Estimated costs will be provided.

Construction cost estimates:

1. Force account estimate: A force-account estimate form will be completed by the Engineer in conformance with ORC 5575.01. This is an estimate of the actual labor, materials and equipment cost required to perform the work. If the estimated cost of the construction is less than \$45,000, the township may perform the work using its own crews, may hire a contractor. If it is over \$45,000, the township must advertise for competitive bids.

2. ODOT format estimate: If the board is certain that they will let a contract by competitive bidding, an ODOT format estimate is recommended. ODOT pay items are the industry standard for roadway and drainage construction and most contractors are familiar with these specifications. This estimate is not acceptable as a force-account estimate and does not satisfy ORC 5575.01. An ODOT format estimate can be generated quicker and easier than a force-account estimate.

Construction plans, specifications construction administration and inspection: The Engineer will first advise the township of staff availability and how long it will take to complete plans and specifications to allow the township to bid and award the work. If a consulting engineer will be needed to prepare the plans, the township will be responsible for this cost. The consultant will take directions from the Engineer. The Engineer will provide an estimated engineering cost and require a resolution from the township committing to pay engineering costs. The Engineer is generally available to provide engineering and inspection services for the street resurfacing and culvert replacement projects.

OPWC Application: The County Engineer's Office will assist in preparing estimates and traffic counts necessary for submitting the application. **Requests for assistance must be made by August 15th for the calendar year.**

CULVERTS:

Culvert hydraulic analysis: The Engineer will perform drainage calculations to determine the waterway adequacy of the existing culvert and, if necessary, the proper size for a replacement culvert.

Culvert replacement: The Township will conduct an inspection and fill out a form for replacement. The inspection form and photo must be included with this request form. The Engineer will inspect and evaluate the existing culvert. This will include evaluation of functional capacity.

Applications must be submitted by March 15th to be considered for the calendar year.

Funding: The cap for township culverts is derived each year after the county needs are met. The worst culverts will be funded first, more if funding permits (1 culvert per township, unless additional funding is available). General Appraisal rating of 5 or greater on the Culvert Inspection Report will not be scored.

Township Responsibility: The Township is responsible for the removal of all trees, brush or any other debris prior to construction. The Township is also required to furnish the 411 aggregate for the back fill.

SURVEYS:

If township owned property requires professional land surveying services, the Engineer will schedule a time to meet with the township to discuss what needs to be accomplished. A time table will then be established on when the survey is to be completed.

LOCATION: Specify the location as a point referenced from the nearest intersection (for culverts). For road segments, such as for a speed limit study or for resurfacing, please specify the beginning and end points.

DESCRIPTION OF REQUEST: Include any supplemental information that would be helpful in responding to the request, including the specific issues that brought forth the need for the request. This is especially important when requesting a recommendation and estimate for road improvements, since there are a variety of improvements that can be performed.

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FINAL ENGINEERING FOR ETNA CREST HAZELTON-ETNA ROAD ETNA TOWNSHIP, LICKING COUNTY, OHIO 43062 2023

INVESTORS OF THE PROPERTY (LAND DEVELOPER) OF THE ENTIRE AREA...
 THE ENGINEER HAS CONDUCTED A VISUAL ANALYSIS OF THE ENTIRE AREA...
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THE SIGNATURES BELOW ARE ONLY CONSISTENT WITH THE GENERAL...
 PURPOSE AND GENERAL LOCATION OF THE PROJECT. ALL TECHNICAL DETAILS...
 REMAIN THE RESPONSIBILITY OF THE ENGINEER AND/OR THE CLIENT.

DATE
 DATE
 DATE
 DATE

LIICKING COUNTY COMMISSION DIRECTOR
 LIICKING COUNTY ENGINEER
 SOUTHWEST LIICKING COMMUNITY WATER & SEWER OPERATIONS DIRECTOR

AS THE OWNER/SCOPE OF THE DEVELOPMENT, I HEREBY CERTIFY THAT...
 ALL DATA IN THIS APPROVED CONSTRUCTION PLAN WAS OBTAINED...
 FROM THE APPROPRIATE SOURCES AND IS ACCURATE AND COMPLETE.

PREPARED BY:
 ADVANCED
 10000 W. STATE ST.
 COLUMBUS, OHIO 43240
 PH 614 438 7300
 FAX 614 438 7301
 WWW.ADVANCEDENGINEERING.COM

REGISTERED ENGINEER
 15281
 DATE 7/10/2021
 NUMBER

ETNA CREST BLDG. EXTENSION AND CALCULATION
 SHEET INDEX
 INDEX MAP
 SCALE 1" = 250'

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 ENGINEERING
 10000 W. STATE ST.
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ETNA PROPERTY PARTNERS, LLC
 ETNA DHD
 FINAL ENGINEERING
 ETNA CREST BLDG. EXTENSION
 Title Sheet

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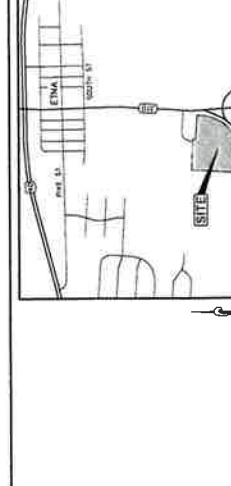
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 FINAL ENGINEERING
 ETNA CREST BLDG. EXTENSION
 Title Sheet



PROJECT DESCRIPTION
 THE ETNA CREST BLDG. EXTENSION PROJECT WILL EXTEND...
 THE NORTH PROPERTY LINE THROUGH THE SITE AND TO THE WEST...
 COMMERCIAL AND RESIDENTIAL DEVELOPMENT OF THE SUBJECT SITE...
 ALSO BE EXTENDED ALONG THE PROPOSED SIDEWALK AND...
 STRUCTURES AND PILES WILL BE ADDED TO CORNER STORMWATER...
 THE SITE.

ENGINEER - APPLICANT
 ADVANCED ENGINEERING
 10000 W. STATE ST.
 COLUMBUS, OHIO 43240
 PH 614 438 7300
 CONTACT: THOMAS J. WARRER, P.E.
 EMAIL: TWARRER@ADVANCEDENGINEERING.COM
 APPLICANT - DEVELOPER - CONTRIBUTION MANAGER
 ETNA PROPERTY PARTNERS, LLC
 2350 AVALON DRIVE
 COLUMBUS, OHIO 43234
 CONTACT: BOB A. HOFF
 EMAIL: BOB@ETNAPARTNERS.COM

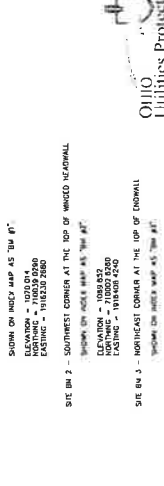
STANDARD CONSTRUCTION DRAWINGS
 THE STANDARD CONSTRUCTION DRAWINGS LISTED
 ON THESE PLANS SHALL BE A PART THEREOF

NOI
 08-1-1
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 08-1-1
 08-1-1

SITE DATA TABLE
 PAR. 010-01 PAR. 02-000
 ZONING: UNDEVELOPED RESIDENTIAL (UR)
 LOT SIZE: 9.86 AC
 SETBACKS: 25' FRONT, 25' SIDE, 25' REAR
 TOTAL SITE AREA: 13.37 AC
 SITE DISTURBED AREA: 12.96 AC
 TOTAL DISTURBED AREA: 12.96 AC
 PRE-DEVELOPED IMPAVED AREA PER PLAN: 0.00 AC
 ESTIMATED FUTURE POST-DEVELOPED IMPAVED AREA: 11.35 AC
 ZONING: PLANNED UNDEVELOPED RESIDENTIAL DISTRICT (PUD)

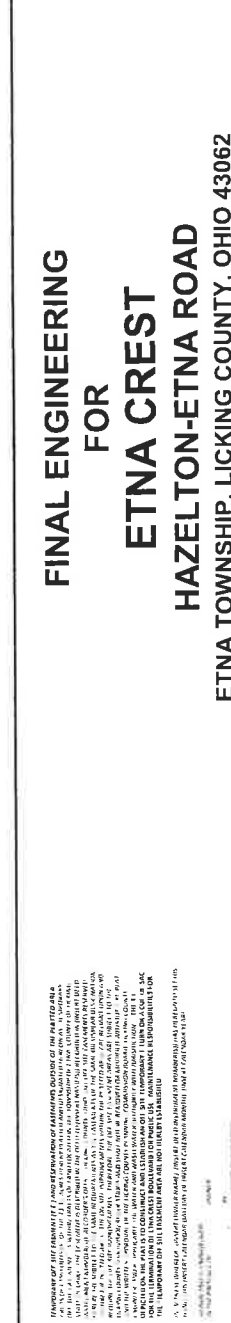
BENCHMARKS
 BASED ON NAVD 1988 DATA
 ELEVATIONS WERE ESTABLISHED USING 45 MINUTE STATE...
 PROCEDURES. THE SITE DATA WAS SUBMITTED TO THE NATIONAL...
 MAPS SERVICE (CNRS 83) SYSTEM FOR PROCESSING. THE SYSTEM...
 TO ESTABLISH THE CLOSEST AVAILABLE STATION (CNS)

SOME OF THESE ARE AS FOLLOWS:
 SITE BM 1 - CORNERSTONE AT INTERSECTION OF ETNA CREST BLDG. EXTENSION AND HAZELTON-ETNA ROAD
 ELEVATION = 1192.02
 SITE BM 2 - SOUTHWEST CORNER AT THE TOP OF WILCO RD/HPAL
 ELEVATION = 1192.02
 SITE BM 3 - SOUTHWEST CORNER AT THE TOP OF DONALD
 ELEVATION = 1192.02
 SITE BM 4 - SOUTHWEST CORNER AT THE TOP OF DONALD
 ELEVATION = 1192.02



SHEET INDEX
 1. TITLE SHEET
 2. GENERAL NOTES & EXISTING CONDITIONS
 3. EXISTING CONDITIONS
 4. STREET IMPROVEMENTS
 5. STREET IMPROVEMENTS
 6-9. CROSS SECTIONS
 10. DRAINAGE PLAN
 11. UTILITIES PLAN
 12. GRADE PLAN
 13. EROSION CONTROL
 14-16. SEWER PROFILES
 17. WATER PROFILES
 18. EROSION & SEDIMENT CONTROL NOTES & DETAILS

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