



EAST KENTUCKY POWER COOPERATIVE

June 24, 2005

Ms. Elizabeth O'Donnell  
Executive Director  
Commonwealth of Kentucky  
Public Service Commission  
211 Sower Boulevard  
PO Box 615  
Frankfort, KY 40602-0615

RECEIVED

JUN 24 2005

PUBLIC SERVICE  
COMMISSION

RE: Application for Certificate of Public Convenience and Necessity for the  
Construction of a 138 kV Electric Transmission Line in Rowan County,  
Kentucky. PSC Case No. 2005-00089

Dear Ms. O'Donnell:

Enclosed please find an original and ten (10) copies of East Kentucky Power  
Cooperative, Inc.'s Response to Doug Doerrfield's First Data Request dated June 17,  
2005 in the above styled case.

Should you have any questions or concerns, please advise.

Very truly yours,

Roger R. Cowden  
Senior Corporate Counsel

SG/ti

Cc: Parties of Record

**COMMONWEALTH OF KENTUCKY**  
**BEFORE THE PUBLIC SERVICE COMMISSION**

**RECEIVED**

JUN 24 2005

PUBLIC SERVICE  
COMMISSION

**In the Matter of:**

THE APPLICATION OF EAST KENTUCKY )  
POWER COOPERATIVE, INC. FOR A CERTIFICATE )  
OF PUBLIC CONVENIENCE AND NECESSITY FOR ) **CASE NO**  
FOR THE CONSTRUCTION OF A 138 kV ELECTRIC ) **2005-00089**  
TRANSMISSION LINE IN ROWAN )  
COUNTY, KENTUCKY )

**RESPONSES OF EAST KENTUCKY POWER COOPERATIVE, INC.**  
**TO INTERVENOR DOUG DOERRFIELD'S FIRST DATA REQUEST**  
**DATED JUNE 17, 2005**



EAST KENTUCKY POWER COOPERATIVE, INC.

PSC CASE NO. 2005-00089

INFORMATION REQUEST RESPONSE

INTERVENOR DOUG DOERRFIELD'S 1ST DATA REQUEST DATED 6/17/05

ITEM 1

RESPONSIBLE PARTY: Mary Jane Warner

**REQUEST:** Has EKPC made application to any federal or state agency for any permits, licenses, authorizations or other approvals necessary for this proposed transmission line?

**RESPONSE:** Yes.



EAST KENTUCKY POWER COOPERATIVE, INC.

PSC CASE NO. 2005-00089

INFORMATION REQUEST RESPONSE

INTERVENOR DOUG DOERRFIELD'S 1ST DATA REQUEST DATED 6/17/05

ITEM 2

RESPONSIBLE PARTY: Mary Jane Warner

**REQUEST:** If the answer to Question 1 is "yes", please identify each application by date and agency to which application was made, and provide a copy of the application.

**RESPONSE:** EKPC submitted application for permits to the following agencies:

Kentucky Public Service Commission, April, 2005  
United States Forest Service, July 22<sup>nd</sup>, 2002  
Kentucky Airport Zoning Commission, August 22<sup>nd</sup>, 2003

A verbal request for the annual renewal of a blanket highway crossing permit was made to the District 9 office of the Kentucky Department of Highways and such renewal was received on March 23, 2005.

Copies of each of these Applications, Permits and/or letters are attached as **Data Response #2**, except for the Application initiating this case, which is a part of the Commission case file herein.

As part of the US Forest Service process, concurrence letters were received from the US Fish and Wildlife Service and the Kentucky Heritage Council. Specific applications were not made for either of these, but copies are provided as part of **Data Response #2**.

July 17, 2002

Ranger Dave Manner  
United States Forest Service  
2375 Kentucky Highway 801 South  
Morehead, KY 40351


Re: Proposed Cranston – Rowan 138 kV across USFS lands, Rowan County

Dear Mr. Manner:

Attached are the SPECIAL-USE APPLICATION AND REPORT, final report for the JUSTIFICATION OF CRANSTON-ROWAN 138KV LINE and two copies of the appropriate USGS maps showing the proposed Cranston – Rowan Co. 138 kV line as proposed across USFS lands. Also enclosed are Articles of Incorporation.

Your early attention to this request would be greatly appreciated. Should you have any question or need any additional information, please feel free to call me at 859-744-4864, ext. 672.

Sincerely,



Mark S. Brewer, PE, PLS  
Senior Engineer  
Power Delivery Expansion

MB:bcc  
Attachments

cc: Jeff Hohman  
H. K. Cunningham

SDA - Forest Service

**SPECIAL-USE APPLICATION AND REPORT**

(Ref.: FSM 2712, 36 CFR 251.54)

**INSTRUCTIONS**

Applicant should request a meeting with the Forest Service representative responsible for processing the application, prior to completing this form. This meeting will allow a discussion of the form's requirements and identify those items to be omitted.

**FOREST SERVICE USE ONLY**

Date Received (mm/dd/yyyy)	Region Number	State Code	County Code
Congressional Dist. Number	Forest Code (Admin. Unit No.)	Unit ID Symbol (NFFID No.)	
Ranger Dist. No. (Resp. Dist.)	User Number	Kind of Use Code	

**PART I - APPLICATION (Applicant Completes)**

Applicant Name and Address (Include Zip Code)	2. Authorized Agent Name, Title, and Address (Include Zip Code) if different from Item 1.	3. Area Code and Telephone Number
East Kentucky Power Cooperative, Inc. 775 Lexington Road O.Box 707 Winchester, KY 40392-0707	Roy M. Palk President & CEO  ATTN: Manager Power Delivery & Expansion	a. Applicant's (859) 744-4812 b. Authorized Agent's (859) 744-4812

As applicant are you? (Mark one box with "X")

- a.  Individual
- b.  Corporation
- c.  Partnership / Association \*
- d.  State Government / State Agency
- e.  Local Government
- f.  Federal Agency

\* If marked "X", complete PART II.

5. Specify what application is for: (Mark one box with "X")

- a.  New authorization
- b.  Renew existing authorization
- c.  Amend existing authorization \*
- d.  Other \*

\* If marked "X", provide details under Item 7.

If you are an individual or partnership, are you also a citizen(s) of the United States?

- Yes  No

Describe in detail the land use, including: (a) type of use, activity, or facility; (b) related structures and facilities; (c) physical specifications (length, width, acres, etc.); (d) term of years needed; (e) time of year of use or operation; (f) duration and timing of construction; (g) temporary work areas needed for construction; and (h) anticipated need for future expansion. (If extra space is needed, use Page 3, REMARKS).

- i) To construct and maintain an electric transmission line
- j) The structures will be one and/or two ("H" frame) pole wooden structures with five overhead cables (three conductors and one ground; one of which will contain a fiber optic telecommunications cable)
- k) Length: approximately 4.9 miles; Width: 100 feet; Acres: approximately 59.45 acres would need to be clear-cut, and also any tree that has attained a height, that in falling may come in contact with the powerline.
- l) Perpetual
- m) Year-round
- n) The removal of trees from the permitted area is planned to begin the fourth week of April, 2003, with the clearing process being completed in about eight weeks. Construction of the transmission line is planned to begin the third week of June, 2003, with construction to be complete by the fourth week of November, 2003 (work in the permitted area, during this time frame, would not be continuous).
- o) Temporary work areas will need to be constructed in the form of access roads. These locations will be determined after the completion of survey.
- p) There is no anticipated need for future expansion.

Attach map covering area and show location of proposed use and/or furnish legal description of the land. See attached map

Give statement of your technical and financial capability to construct, operate, and terminate the use for which authorization is requested, including the protection and restoration of Federal lands. (If extra space is needed, use page 3, REMARKS).

East Kentucky Power Cooperative has been in existence for over fifty years, and is currently serving 89 counties in Kentucky. KPC has built and maintains over 2,500 miles of electric transmission lines. EKPC has over 600 employees maintaining their own construction and maintenance crews, its own engineering department, engineering support staff, environmental affairs department, etc.



1. Describe other reasonable alternative proposals considered.

None.

2. Give explanation of why it is necessary to utilize Federal lands and why the alternatives in Item 10a were not selected.

The origination and destination points for this transmission line are fixed and since most of the land between these two points is Federal land, it is not feasible to construct this line without impacting Federal land. The route chosen is the most direct and viable route.

3. Provide statement of need for proposed use, including the economic feasibility and items such as: (a) cost of proposal (construction, operation, and maintenance); (b) estimated cost of next best alternative; and (c) expected public benefits. (If extra space is needed, use page 3, REMARKS).

- ) The estimated cost of the project across Federal land is \$981,060.00. The annual cost of operation and maintenance is estimated to be \$127,537.80.
- ) None.
- ) No change in public benefit.

4. Describe probable effects on the area population, including social and economic aspects, and rural lifestyles.

The effects on the area population would be very minimal. No change is expected in the economics or population as a result of building the electric transmission line. The rural lifestyle would have no expected change.

5. Describe likely environmental effects that the proposed use will have on: (a) air quality; (b) visual impact; (c) surface and ground water quality and quantity; (d) control or structural change on any stream or other body of water; (e) existing noise levels; (f) land surface; (g) existing vegetation, permafrost, soil and soil stability; and (g) populations of fish, plant, wildlife and marine life, including threatened and endangered species. (If extra space is needed, use page 3, REMARKS).

- ) No change in air quality.
- ) There will be some visual impact as it will be necessary to clear-cut a one-hundred foot wide easement to protect the reliability of the transmission line.
- ) Surface ground water quality and quantity will not be adversely affected.
- ) There will be no structural change to any stream or any other body of water.
- ) There will be no change in existing noise levels.
- ) There will be no changes in permafrost, soil or soil stability, only the vegetation will change from forest to meadow conditions.
- ) No change is anticipated in the fish, plant or marine life.

6. Describe what actions will be taken to protect the environment from the effects of the proposed use.

The transmission line will be periodically inspected (from the air, minimizing surface intrusion) making it possible to schedule maintenance. All activities on Federal lands, by EKPC, will meet or exceed Federal standards, from construction to maintenance. EKPC will work with the U.S.F.S. concerning the reclamation of the permitted area (seeding, erosion control, etc., necessary) to foster the management goal of the U.S.F.S.

7. Name all Federal, State, County, or other department(s) / agency(ies) where an application for this is being filed. Attach appropriate license, building permit, certificate, or other approval document.

Kentucky Department of Transportation Cabinet, District # 9  
Clemsonville Road  
P.O. Box 347  
Clemingsburg, KY 41041

HEREBY CERTIFY, that I am of legal age and authorized to do business in the State and that I have personally examined the information contained in the application and that this information is correct to the best of my knowledge.

8a. Applicant's Signature (Sign in ink)

16b. Date

*Ray M. Falk*

*7-18-02*

Section 1001, U.S.C. makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

**PART II - SUPPLEMENTAL INFORMATION (Applicant Completes)**

**I - PRIVATE CORPORATIONS**

MARK "X" IN  
APPROPRIATE BOX  
BELOW

ATTACHED FILED \*

Articles of Incorporation	X	<input type="checkbox"/>
Corporation Bylaws		<input type="checkbox"/>
A certification from the State showing the corporation is in good standing and is entitled to operate within the State.	<input type="checkbox"/>	<input type="checkbox"/>
Copy of resolution authorizing filing	<input type="checkbox"/>	<input type="checkbox"/>
The name and address of each shareholder owning 3 percent or more of the shares, together with the number and percentage of any class of voting shares of the entity which such shareholder is authorized to vote and the name and address of each affiliate of the entity together with, in the case of an affiliate controlled by the entity, the number of shares and the percentage of any class of voting stock of that affiliate owned, directly or indirectly, by that entity, and in the case of an affiliate which controls that entity, the number of shares and the percentage of any class of voting stock of that entity owned, directly or indirectly, by the affiliate.	<input type="checkbox"/>	<input type="checkbox"/>
If application is for an oil or gas pipeline, describe any related right-of-way or temporary use permit applications, and identify previous applications.	<input type="checkbox"/>	<input type="checkbox"/>
If proposed land use involves other Federal lands identify each agency impacted by proposal.	<input type="checkbox"/>	<input type="checkbox"/>

**II - PUBLIC CORPORATIONS**

Copy of law forming corporation	<input type="checkbox"/>	<input type="checkbox"/>
Proof of organization	<input type="checkbox"/>	<input type="checkbox"/>
Copy of Bylaws	<input type="checkbox"/>	<input type="checkbox"/>
Copy of resolution authorizing filing	<input type="checkbox"/>	<input type="checkbox"/>
If application is for an oil or gas pipeline, provide information required by Item "I-f" and "I-g" above.	<input type="checkbox"/>	<input type="checkbox"/>

**III - PARTNERSHIP OR OTHER UNINCORPORATED ENTITY**

Articles of association, if any	<input type="checkbox"/>	<input type="checkbox"/>
If partner is authorized to sign, resolution authorizing action is	<input type="checkbox"/>	<input type="checkbox"/>
Name and address of each participant, partner, association, or other	<input type="checkbox"/>	<input type="checkbox"/>
If application is for an oil or gas pipeline, provide information required by Item "I-f" and "I-g" above	<input type="checkbox"/>	<input type="checkbox"/>

If the required information is already filed with the Forest Service and is current, check box titled "Filed." Provide the file identification information (e.g., number, date, code, name and office at which filed). If not on file or current, attach requested information.

**MARKS:** (This space is provided for more detailed responses to PART I.) Please indicate the item numbers to which these responses apply. Attach sheets, if additional space is needed.

**PART III.- REPORT ON APPLICATION (Forest Officer Completes)**

General description of the area and adaptability for the proposed use. Outline area on separate map if needed to clarify proposed use.

If previously under authorization indicate:

a. Name of Holder

b. Date Authorized

c. Date Closed

Describe any encumbrances on the land, such as withdrawals, power projects, easements, rights-of-way, mining claims, leases, etc. Show on map provided.

State approximate amount and kinds of timber to be cut, recommended stumpage prices, method of scaling; include recommendation on disposal of merchantable timber: (a) to holder at current damage appraisal or (b) to others than holder under regular timber sale procedure.

a. Will proposed use conform to Forest Land and Resource Management Plan?

Yes

No

b. Has an Environmental Assessment been prepared?

Yes (Attach)

No

c. Has an Environmental Impact Statement (P.L. 91-190, USC 4321) been prepared?

Yes (Attach)

No

(NOTE: If "No" is marked with an "X" in any of the above questions, explain in Item 6 below.)

Recommendations, including any factors which might affect the granting of the authorization or future use of the land.

List mandatory and optional clauses which should be made a part of this authorization (See FSM 2780).

Fee recommendation (Describe here or on computation sheet attached).

a. RECOMMEND Approval* or Disapproval*	b. Signature (Sign in ink)	c. Title	d. Date
a. FINAL Approval* or Disapproval*	b. Signature (Sign in ink)	c. Title	d. Date

Delete one by lining it out.

# **FINAL REPORT**

## **JUSTIFICATION OF CRANSTON - ROWAN 138 kV LINE**

April 23, 2002

*Included w/  
Application for  
Certificate as Prescribed  
EXH I*



EAST KENTUCKY POWER COOPERATIVE

August 27, 2003

Kelvin Combs  
Kentucky Airport Zoning Commission  
Division of Aeronautics  
125 Holmes Street  
Frankfort, KY 40622

Subject: Cranston – Rowan 138kv Transmission Line

Dear Mr. Combs:

Please find enclosed the revised applications for the subject line as requested.

If you should need additional information or if I may be of any assistance, please feel free to call me at the number listed below, extension 672.

Sincerely,

A handwritten signature in black ink that reads "Mark S. Brewer".

Mark S. Brewer, PE  
Senior Engineer  
Power Delivery

Attachments

4775 Lexington Road 40391  
P.O. Box 707, Winchester,  
Kentucky 40392-0707

Tel. (859) 744-4812  
Fax: (859) 744-6008  
<http://www.ekpc.com>

Kentucky Transportation Cabinet, Kentucky Airport Zoning Commission, 125 Holmes Street, Frankfort KY 40622

Kentucky Aeronautical Study Number

### APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE

1. APPLICANT – Name, Address, Telephone, Fax, etc

East Kentucky Power Cooperative  
4775 Lexington Road  
PO Box 707  
Winchester, KY 40391  
(859) 744-4812 ext 672 (859) 744-6008

2. Representative of Applicant – Name, Address, Telephone, Fax

Mark Brewer, P.E.  
4775 Lexington Road, PO Box 707  
Winchester, KY 40391  
  
markb@ekpc.com

3. Application for:  New Construction  Alteration  Existing

4. Duration:  Permanent  Temporary (Months \_\_\_\_\_ Days \_\_\_\_\_)

5. Work Schedule: Start 06/01/04 End 12/01/04

6. Type:  Antenna Tower  Crane  Building  Power Line  
 Landfill  Water Tank  Other 2003-ASO-3746-OE

Marking/Painting and/or Lighting Preferred:

- Red Lights and Paint
- White – Medium Intensity
- White – High Intensity
- Dual – Red & Medium Intensity White
- Dual – Red & High Intensity White
- Other No marking or lighting  
2003-ASO-4307-OE

8. FAA Aeronautical Study Number 2003-ASO-4305-OE

9. Latitude: \_\_\_\_\_ 38° \_\_\_\_\_ 12' \_\_\_\_\_ 01. \_\_\_\_\_ 47"

10. Longitude: \_\_\_\_\_ 83° \_\_\_\_\_ 23' \_\_\_\_\_ 42. \_\_\_\_\_ 46"

11. Datum: NAD 83  NAD 27  Other \_\_\_\_\_

12. Nearest Kentucky City Morehead County: Rowan

13. Nearest Kentucky public use or Military airport:  
Morehead - Rowan County

14. Distance from #13 to Structure: 8.78 mi

15. Direction from #13 to Structure: N 58° 01' 16"

16. Site Elevation (AMSL): 853 Feet

17. Total Structure Height (AGL): 257 Feet

18. Overall Height (#16 + #17) (AMSL): 1,110 Feet

19. Previous FAA and/or Kentucky Aeronautical Study Number(s):  
\_\_\_\_\_

20. Description of Location: (Attach a USGS 7.5 minute Quadrangle Map or an Airport Layout Drawing with the precise site marked and any certified survey)

Span between structure #4 and structure #5

21. Description of Proposal:

EKPC will be constructing a 138 KV overhead transmission line from the Cranston Substation to the Rowan Co. Substation in Rowan County, KY. The overhead static wire (7/16" H.S.S) for this span is attached to TH-230 structures.

Please see "Exhibit A", proposed transmission line vicinity map for additional information.

22. Has a "NOTICE OF CONSTRUCTION OR ALTERATION" (FAA Form 7460-1) been filed with the Federal Aviation Administration?  No  Yes, When 7-22-2003

**CERTIFICATION:** I hereby certify that all the above statements made by me are true, complete and correct to the best of my knowledge and belief.

Mark Brewer

*Mark Brewer*

8/27/03

Printed Name

Signature

Date

**PENALTIES:** Persons failing to comply with Kentucky Revised Statutes (KRS 183.861 through 183.990) and Kentucky Administrative Regulations (602 KAR 050: Series) are liable for fines and/or imprisonment as set forth in KRS 183.990(3). Non-compliance with Federal Aviation Administration Regulations may result in further penalties.

**Commission Action:**

Chairman, KAZC

Administrator, KAZC

Approved

Disapproved

Date \_\_\_\_\_

Kentucky Transportation Cabinet, Kentucky Airport Zoning Commission, 125 Holmes Street, Frankfort KY 40622

Kentucky Aeronautical Study Number

### APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE

<p>1. APPLICANT - Name, Address, Telephone, Fax, etc.</p> <p>East Kentucky Power Cooperative 4775 Lexington Road PO Box 707 Winchester, KY 40391 (859) 744-4812 ext 672 (859) 744-6008</p>	<p>9. Latitude: _____ 38° _____ 12' _____ 12. _____ 10"</p> <p>10. Longitude: _____ 83° _____ 23' _____ 42. _____ 48"</p> <p>11. Datum: NAD 83 <input checked="" type="checkbox"/> NAD 27 <input type="checkbox"/> Other _____</p> <p>12. Nearest Kentucky City <u>Morehead</u> County: <u>Rowan</u></p>
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<p>2. Representative of Applicant - Name, Address, Telephone, Fax</p> <p>Mark Brewer, P.E. 4775 Lexington Road, PO Box 707 Winchester, KY 40391  markb@ekpc.com</p>	<p>13. Nearest Kentucky public use or Military airport:  <u>Morehead - Rowan County</u></p> <p>14. Distance from #13 to Structure: <u>8.89 mi</u></p> <p>15. Direction from #13 to Structure: <u>N 56° 53' 21"</u></p> <p>16. Site Elevation (AMSL): _____ 806 _____ Feet</p>
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<p>3. Application for: <input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Alteration <input type="checkbox"/> Existing</p> <p>4. Duration: <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Temporary (Months _____ Days _____)</p> <p>5. Work Schedule: Start <u>06/01/04</u> End <u>12/01/04</u></p>	<p>17. Total Structure Height (AGL): <u>279</u> Feet</p> <p>18. Overall Height (#16 + #17) (AMSL): <u>1,085</u> Feet</p> <p>19. Previous FAA and/or Kentucky Aeronautical Study Number(s): _____</p>
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<p>6. Type: <input type="checkbox"/> Antenna Tower <input type="checkbox"/> Crane <input type="checkbox"/> Building <input checked="" type="checkbox"/> Power Line <input type="checkbox"/> Landfill <input type="checkbox"/> Water Tank <input type="checkbox"/> Other _____</p> <p>7. Marking/Painting and/or Lighting Preferred:  <input type="checkbox"/> Red Lights and Paint <input type="checkbox"/> Dual - Red &amp; Medium Intensity White  <input type="checkbox"/> White - Medium Intensity <input type="checkbox"/> Dual - Red &amp; High Intensity White  <input type="checkbox"/> White - High Intensity <input checked="" type="checkbox"/> Other <u>No marking or lighting</u>  2003-ASO-4307-OE</p> <p>8. FAA Aeronautical Study Number <u>2003-ASO-4307-OE</u></p>	<p>20. Description of Location: (Attach a USGS 7.5 minute Quadrangle Map or an Airport Layout Drawing with the precise site marked and any certified survey)  <u>Span between structure #4 and structure #5</u></p>
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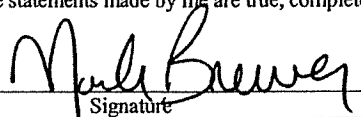
21. Description of Proposal:

EKPC will be constructing a 138 KV overhead transmission line from the Cranston Substation to the Rowan Co. Substation in Rowan County, KY. The overhead static wire (7/16" H.S.S) for this span is attached to TH-230 structures.

Please see "Exhibit A", proposed transmission line vicinity map for additional information.

22. Has a "NOTICE OF CONSTRUCTION OR ALTERATION" (FAA Form 7460-1) been filed with the Federal Aviation Administration?  No  Yes, When 7-22-2003

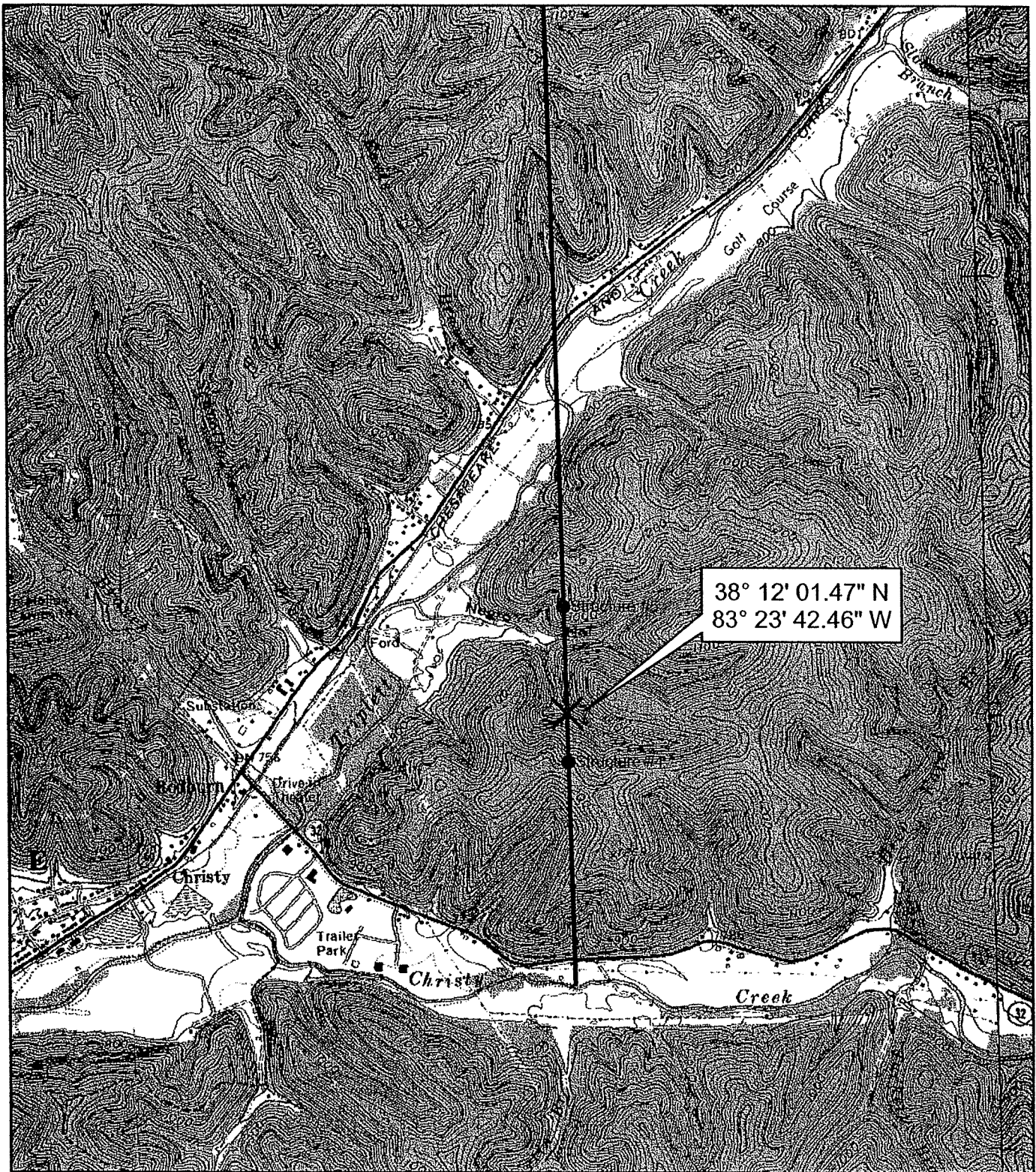
**CERTIFICATION:** I hereby certify that all the above statements made by me are true, complete and correct to the best of my knowledge and belief.

Mark Brewer  8/27/03  
Printed Name Signature Date

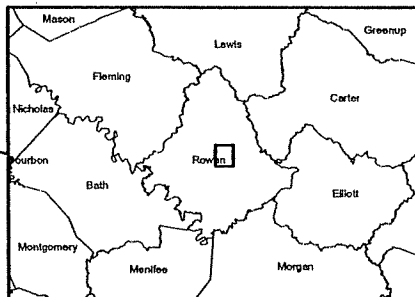
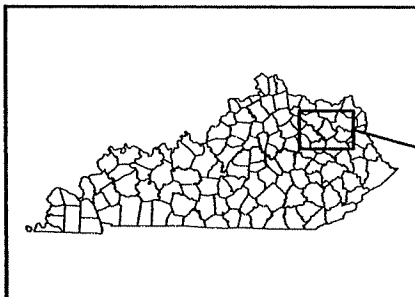
**PENALTIES:** Persons failing to comply with Kentucky Revised Statutes (KRS 183.861 through 183.990) and Kentucky Administrative Regulations (602 KAR 050: Series) are liable for fines and/or imprisonment as set forth in KRS 183.990(3). Non-compliance with Federal Aviation Administration Regulations may result in further penalties.

**Commission Action:**  Chairman, KAZC  Administrator, KAZC

Approved  Disapproved \_\_\_\_\_ Date \_\_\_\_\_



38° 12' 01.47" N  
83° 23' 42.46" W



0 1,000 2,000 Feet

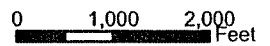
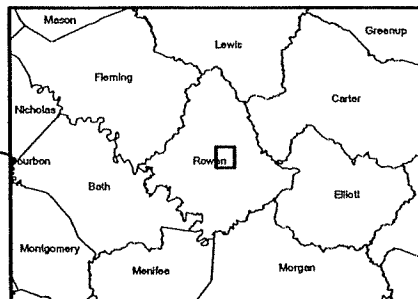
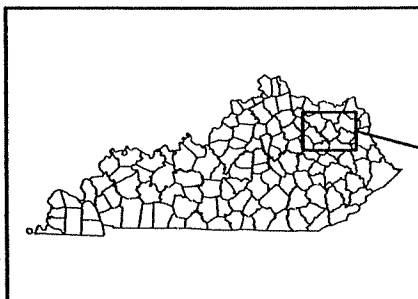
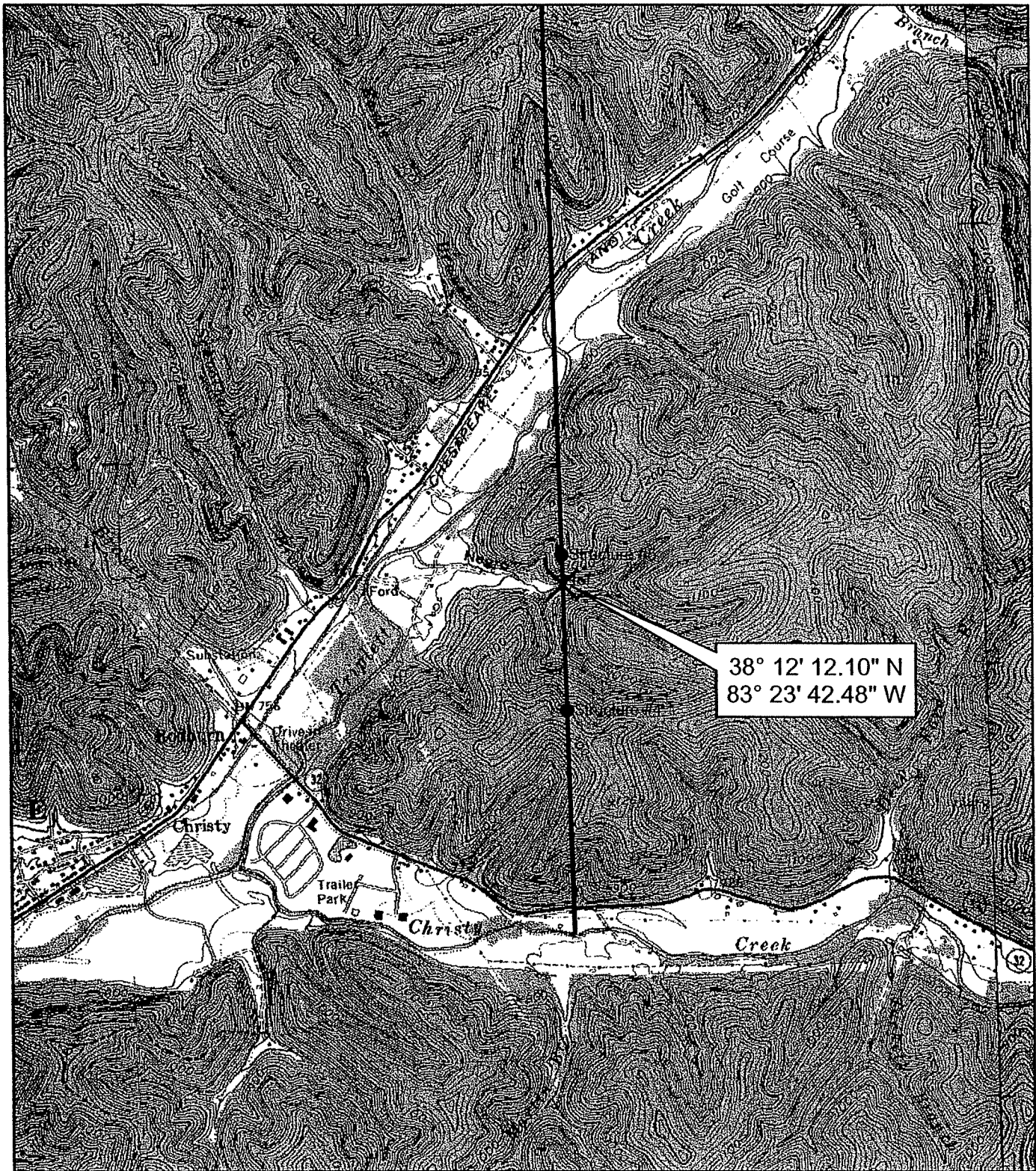
**Proposed EKPC  
Cranston - Rowan County  
138 kV Transmission Line**



East Kentucky Power Cooperative  
4775 Lexington Road, PO Box 707  
Winchester, Kentucky 40391

Phone (859)744-4812 www.ekpc.com Fax (859)744-6008

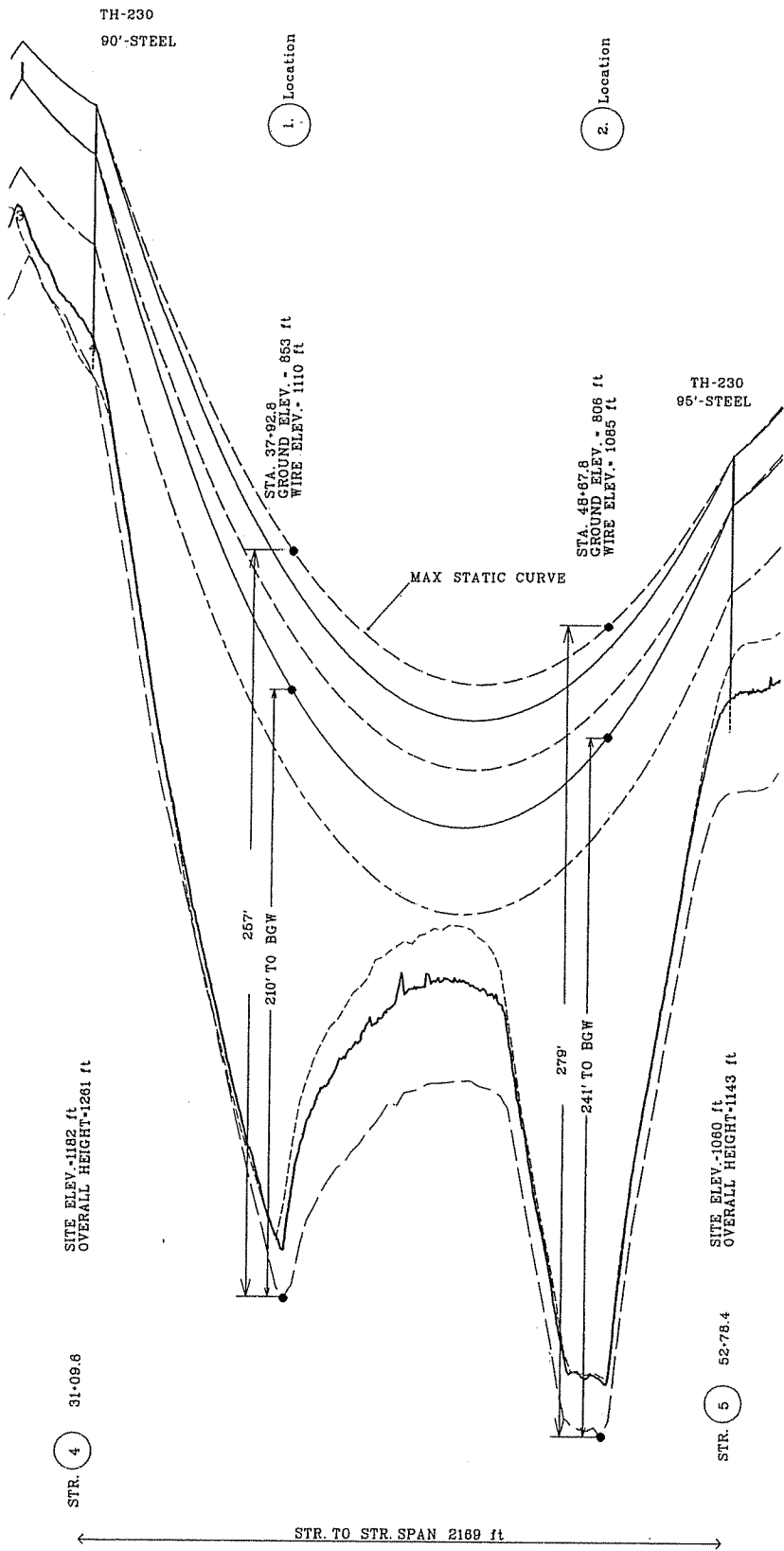




**Proposed EKPC  
Cranston - Rowan County  
138 kV Transmission Line**



East Kentucky Power Cooperative  
4775 Lexington Road, PO Box 707  
Winchester, Kentucky 40391  
Phone (859)744-4812 www.ekpc.com Fax (859)744-6008



NOTE: POLE HEIGHTS  
TO BE ADJUSTED TO  
ACCOMMODATE SIDE SLOPE.

D: 795 KCM 26/7 ACSR  
TIC: 1/8" HIGH STRENGTH STEEL, 7 STRAND

SCALE VERT: 1" = 40'  
HORIZ: 1" = 400'

Kentucky Transportation Cabinet, Kentucky Airport Zoning Commission, 125 Holmes Street, Frankfort KY 40622

Kentucky Aeronautical Study Number

**APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE**

1. APPLICANT – Name, Address, Telephone, Fax, etc.

East Kentucky Power Cooperative  
4775 Lexington Road  
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2. Representative of Applicant – Name, Address, Telephone, Fax

Mark Brewer, P.E.  
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3. Application for:  New Construction  Alteration  Existing

4. Duration:  Permanent  Temporary (Months \_\_\_\_\_ Days \_\_\_\_\_)

5. Work Schedule: Start 06/01/04 End 12/01/04

6. Type:  Antenna Tower  Crane  Building  Power Line  
 Landfill  Water Tank  Other \_\_\_\_\_

Marking/Painting and/or Lighting Preferred:

Red Lights and Paint  Dual – Red & Medium Intensity White  
 White – Medium Intensity  Dual – Red & High Intensity White  
 White – High Intensity  Other No marking or lighting  
2003-ASO-4308-OE

8. FAA Aeronautical Study Number 2003-ASO-4309-OE

9. Latitude: \_\_\_\_\_ 38° \_\_\_\_\_ 13' \_\_\_\_\_ 23. \_\_\_\_\_ 24"

10. Longitude: \_\_\_\_\_ 83° \_\_\_\_\_ 23' \_\_\_\_\_ 42. \_\_\_\_\_ 63"

11. Datum: NAD 83  NAD 27  Other \_\_\_\_\_

12. Nearest Kentucky City Morehead County: Rowan

13. Nearest Kentucky public use or Military airport:  
Morehead - Rowan County

14. Distance from #13 to Structure: 9.66 mi

15. Direction from #13 to Structure: N 50° 02' 28"

16. Site Elevation (AMSL): 997 Feet

17. Total Structure Height (AGL): 210 Feet

18. Overall Height (#16 + #17) (AMSL): 1,208 Feet

19. Previous FAA and/or Kentucky Aeronautical Study Number(s):  
\_\_\_\_\_

20. Description of Location: (Attach a USGS 7.5 minute Quadrangle Map or an Airport Layout Drawing with the precise site marked and any certified survey)

Span between structure #12 and structure #13

21. Description of Proposal:

EKPC will be constructing a 138 KV overhead transmission line from the Cranston Substation to the Rowan Co. Substation in Rowan County, KY. The overhead static wire (7/16" H.S.S) for this span is attached to TH-10 and TH-230 structures.

Please see "Exhibit A", proposed transmission line vicinity map for additional information.

22. Has a "NOTICE OF CONSTRUCTION OR ALTERATION" (FAA Form 7460-1) been filed with the Federal Aviation Administration?  No  Yes, When 7-22-2003

**CERTIFICATION:** I hereby certify that all the above statements made by me are true, complete and correct to the best of my knowledge and belief.

Mark Brewer

*Mark Brewer*

8/27/03

Printed Name

Signature

Date

**PENALTIES:** Persons failing to comply with Kentucky Revised Statutes (KRS 183.861 through 183.990) and Kentucky Administrative Regulations (602 KAR 050: Series) are liable for fines and/or imprisonment as set forth in KRS 183.990(3). Non-compliance with Federal Aviation Administration Regulations may result in further penalties.

**Commission Action:**

Chairman, KAZC

Administrator, KAZC

Approved

Disapproved

Date \_\_\_\_\_

Kentucky Transportation Cabinet, Kentucky Airport Zoning Commission, 125 Holmes Street, Frankfort KY 40622

Kentucky Aeronautical Study Number

**APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE**

1. APPLICANT – Name, Address, Telephone, Fax, etc.

East Kentucky Power Cooperative  
4775 Lexington Road  
PO Box 707  
Winchester, KY 40391  
(859) 744-4812 ext 672 (859) 744-6008

2. Representative of Applicant – Name, Address, Telephone, Fax

Mark Brewer, P.E.  
4775 Lexington Road, PO Box 707  
Winchester, KY 40391  
  
markb@ekpc.com

3. Application for:  New Construction  Alteration  Existing

4. Duration:  Permanent  Temporary (Months \_\_\_\_\_ Days \_\_\_\_\_)

5. Work Schedule: Start 06/01/04 End 12/01/04

6. Type:  Antenna Tower  Crane  Building  Power Line  
 Landfill  Water Tank  Other \_\_\_\_\_

7. Marking/Painting and/or Lighting Preferred:

Red Lights and Paint  Dual – Red & Medium Intensity White  
 White – Medium Intensity  Dual – Red & High Intensity White  
 White – High Intensity  Other No marking or lighting  
2003-ASO-4308-OE

8. FAA Aeronautical Study Number 2003-ASO-4309-OE

9. Latitude: \_\_\_\_\_ 38° \_\_\_\_\_ 13' \_\_\_\_\_ 26. \_\_\_\_\_ 20"

10. Longitude: \_\_\_\_\_ 83° \_\_\_\_\_ 23' \_\_\_\_\_ 42. \_\_\_\_\_ 64"

11. Datum: NAD 83  NAD 27  Other \_\_\_\_\_

12. Nearest Kentucky City Morehead County: Rowan

13. Nearest Kentucky public use or Military airport:  
Morehead - Rowan County

14. Distance from #13 to Structure: 9.70 mi

15. Direction from #13 to Structure: N 49° 46' 41"

16. Site Elevation (AMSL): 1,004 Feet

17. Total Structure Height (AGL): 204 Feet

18. Overall Height (#16 + #17) (AMSL): 1,208 Feet

19. Previous FAA and/or Kentucky Aeronautical Study Number(s):  
\_\_\_\_\_

20. Description of Location: (Attach a USGS 7.5 minute Quadrangle Map or an Airport Layout Drawing with the precise site marked and any certified survey)

Span between structure #12 and structure #13

21. Description of Proposal:

EKPC will be constructing a 138 KV overhead transmission line from the Cranston Substation to the Rowan Co. Substation in Rowan County, KY. The overhead static wire (7/16" H.S.S) for this span is attached to TH-10 and TH-230 structures.

Please see "Exhibit A", proposed transmission line vicinity map for additional information.

22. Has a "NOTICE OF CONSTRUCTION OR ALTERATION" (FAA Form 7460-1) been filed with the Federal Aviation Administration?  No  Yes, When 7-22-2003

**CERTIFICATION:** I hereby certify that all the above statements made by me are true, complete and correct to the best of my knowledge and belief.

Mark Brewer

*Mark Brewer*  
Signature

8/27/03  
Date

**PENALTIES:** Persons failing to comply with Kentucky Revised Statutes (KRS 183.861 through 183.990) and Kentucky Administrative Regulations (602 KAR 050: Series) are liable for fines and/or imprisonment as set forth in KRS 183.990(3). Non-compliance with Federal Aviation Administration Regulations may result in further penalties.

**Commission Action:**

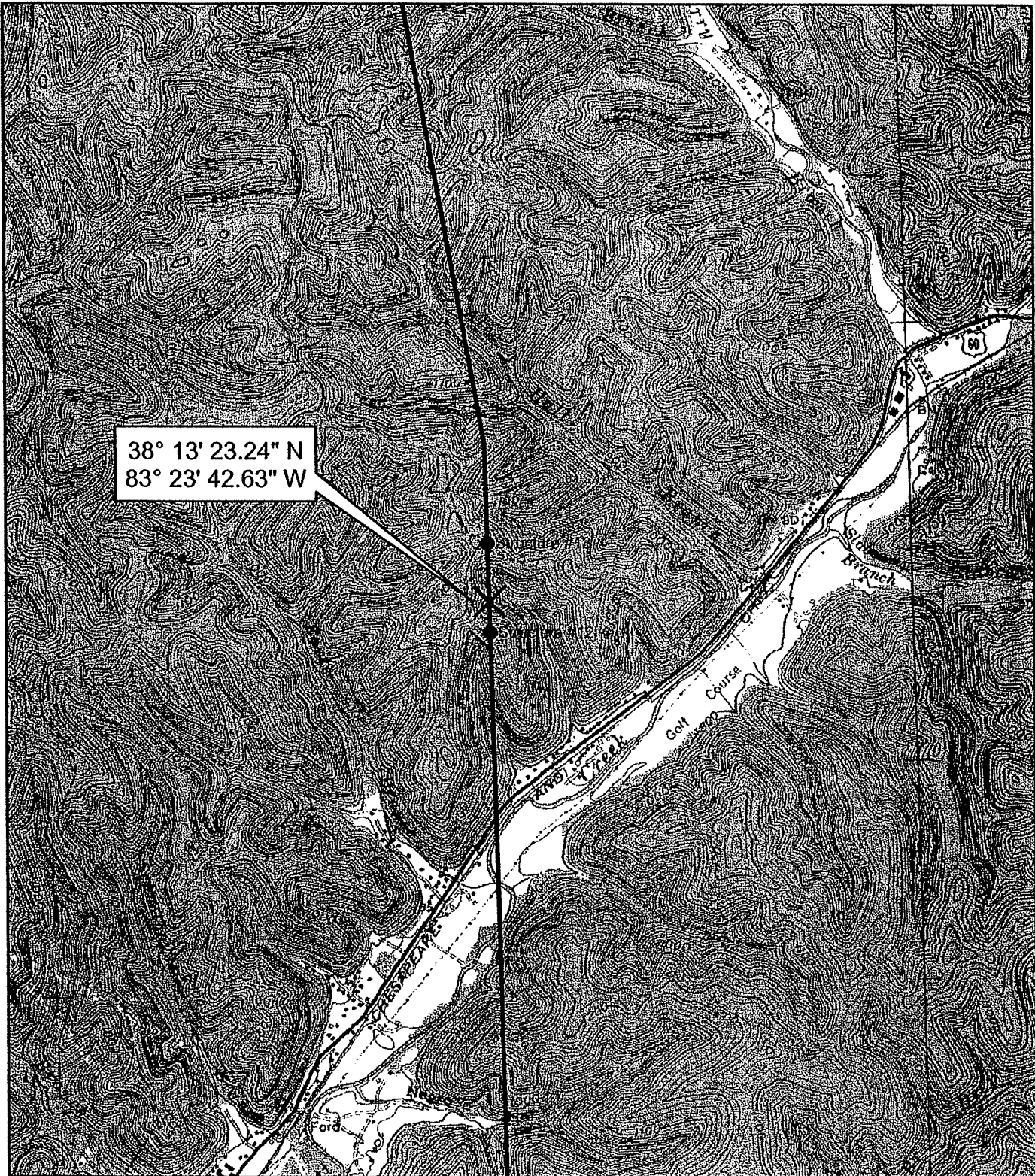
Chairman, KAZC

Administrator, KAZC

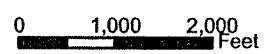
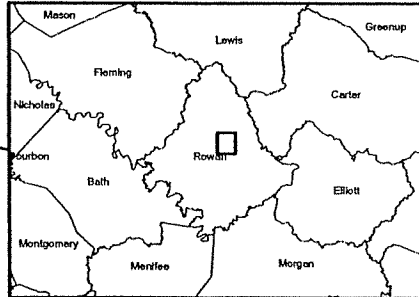
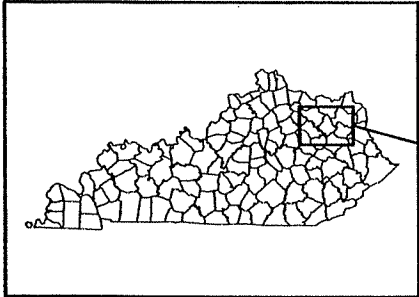
Approved

Disapproved

Date \_\_\_\_\_

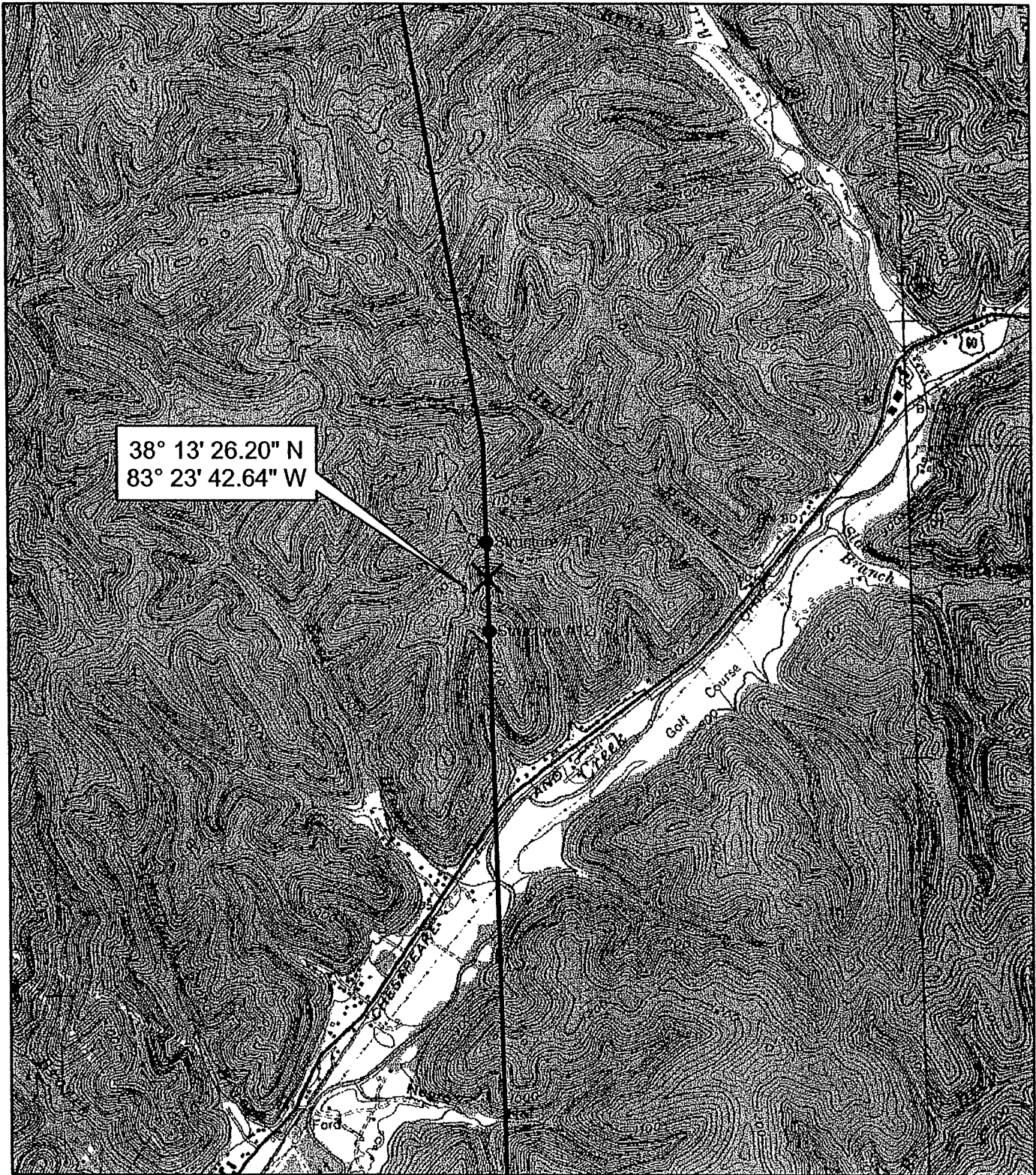


38° 13' 23.24" N  
83° 23' 42.63" W

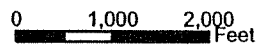
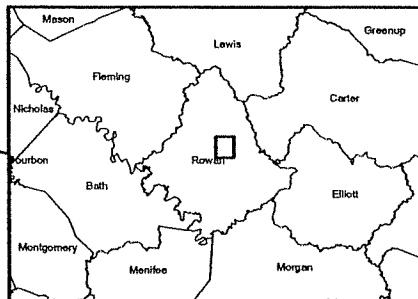
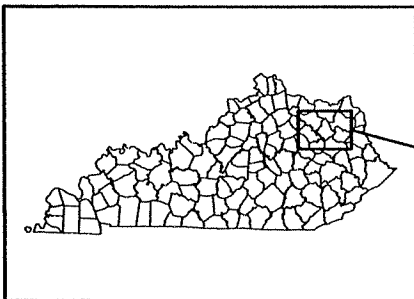


**Proposed EKPC  
Cranston - Rowan County  
138 kV Transmission Line**

 East Kentucky Power Cooperative  
4775 Lexington Road, PO Box 707  
Winchester, Kentucky 40391  
Phone (859)744-4812 www.ekpc.com Fax (859)744-6008



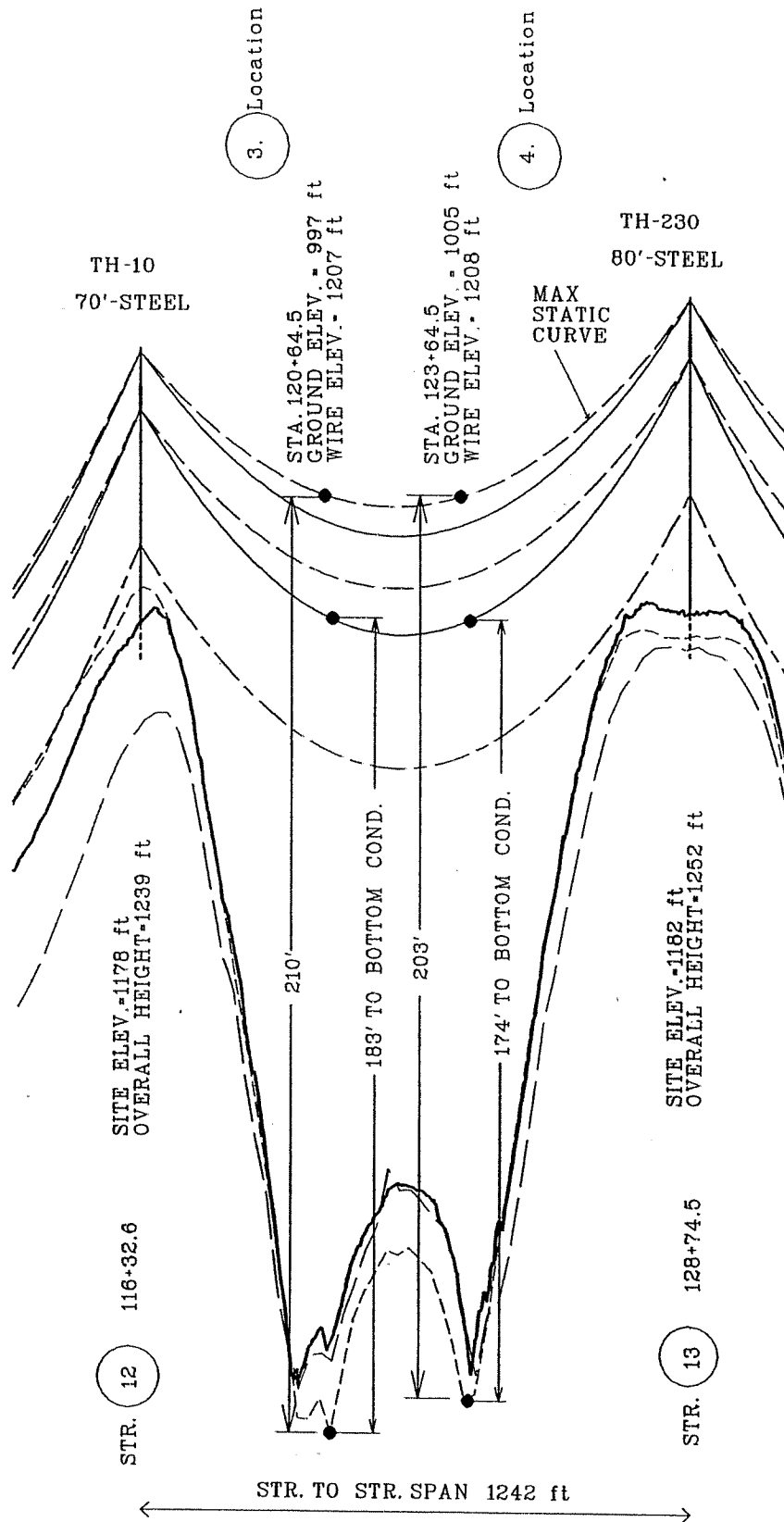
38° 13' 26.20" N  
83° 23' 42.64" W



**Proposed EKPC  
Cranston - Rowan County  
138 kV Transmission Line**



East Kentucky Power Cooperative  
4775 Lexington Road, PO Box 707  
Winchester, Kentucky 40391  
Phone (859)744-4812 www.ekpc.com Fax (859)744-6008



NOTE: POLE HEIGHTS  
TO BE ADJUSTED TO  
ACCOMMODATE SIDE SLOPE.

COND: 795 KCM 26/7 ACSR  
STATIC: 3/16" HIGH STRENGTH STEEL, 7 STRAND

SCALE VERT: 1" = 40'  
HORIZ: 1" = 400'

Kentucky Transportation Cabinet, Kentucky Airport Zoning Commission, 125 Holmes Street, Frankfort KY 40622

Kentucky Aeronautical Study Number

### APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE

1. APPLICANT - Name, Address, Telephone, Fax, etc.  
 East Kentucky Power Cooperative  
 4775 Lexington Road  
 PO Box 707  
 Winchester, KY 40391  
 (859) 744-4812 ext 672 (859) 744-6008

2. Representative of Applicant - Name, Address, Telephone, Fax  
 Mark Brewer, P.E.  
 4775 Lexington Road, PO Box 707  
 Winchester, KY 40391  
 markb@ekpc.com

3. Application for:  New Construction  Alteration  Existing  
 4. Duration:  Permanent  Temporary (Months \_\_\_\_\_ Days \_\_\_\_\_)  
 5. Work Schedule: Start 06/01/04 End 12/01/04  
 6. Type:  Antenna Tower  Crane  Building  Power Line  
 Landfill  Water Tank  Other \_\_\_\_\_  
 Marking/Painting and/or Lighting Preferred:  
 Red Lights and Paint  Dual - Red & Medium Intensity White  
 White - Medium Intensity  Dual - Red & High Intensity White  
 White - High Intensity  Other No marking or lighting  
 8. FAA Aeronautical Study Number 2003-ASO-4310-OE

9. Latitude: \_\_\_\_\_ 38° \_\_\_\_\_ 13' \_\_\_\_\_ 39. \_\_\_\_\_ 33"  
 10. Longitude: \_\_\_\_\_ 83° \_\_\_\_\_ 23' \_\_\_\_\_ 42. \_\_\_\_\_ 69"  
 11. Datum: NAD 83  NAD 27  Other \_\_\_\_\_  
 12. Nearest Kentucky City Morehead County Rowan  
 13. Nearest Kentucky public use or Military airport:  
 \_\_\_\_\_  
Morehead - Rowan County  
 14. Distance from #13 to Structure: 9.86 mi  
 15. Direction from #13 to Structure: N 48° 35' 24"  
 16. Site Elevation (AMSL): 980 Feet  
 17. Total Structure Height (AGL): 212 Feet  
 18. Overall Height (#16 + #17) (AMSL): 1,192 Feet  
 19. Previous FAA and/or Kentucky Aeronautical Study Number(s):  
 \_\_\_\_\_  
 20. Description of Location: (Attach a USGS 7.5 minute Quadrangle Map or an Airport Layout Drawing with the precise site marked and any certified survey)  
 \_\_\_\_\_  
 Span between structure #13 and structure #14

21. Description of Proposal:  
 EKPC will be constructing a 138 KV overhead transmission line from the Cranston Substation to the Rowan Co. Substation in Rowan County, KY. The overhead static wire (7/16" H.S.S) for this span is attached to TH-13 and TH-230 structures.  
 Please see "Exhibit A", proposed transmission line vicinity map for additional information.

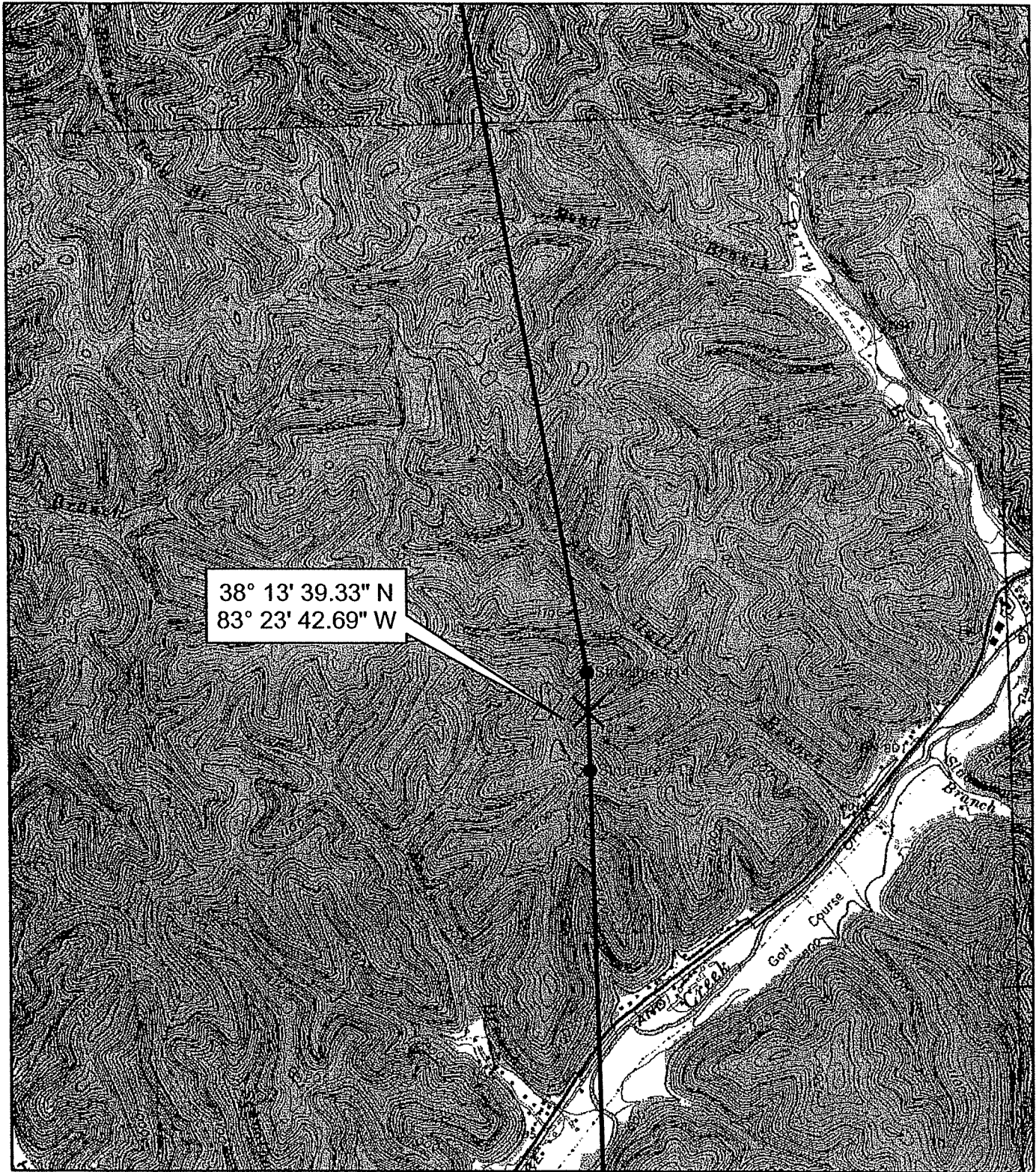
22. Has a "NOTICE OF CONSTRUCTION OR ALTERATION" (FAA Form 7460-1) been filed with the Federal Aviation Administration?  No  Yes, When 7-22-2003

**CERTIFICATION:** I hereby certify that all the above statements made by me are true, complete and correct to the best of my knowledge and belief.  
 Mark Brewer  
 \_\_\_\_\_  
 Printed Name Signature Date 8/27/03

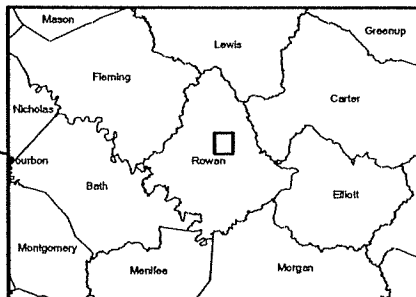
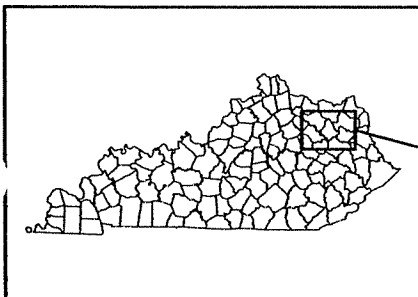
**PENALTIES:** Persons failing to comply with Kentucky Revised Statutes (KRS 183.861 through 183.990) and Kentucky Administrative Regulations (602 KAR 050: Series) are liable for fines and/or imprisonment as set forth in KRS 183.990(3). Non-compliance with Federal Aviation Administration Regulations may result in further penalties.

**Commission Action:**  Chairman, KAZC  Administrator, KAZC  
 Approved  Disapproved \_\_\_\_\_ Date \_\_\_\_\_





38° 13' 39.33" N  
83° 23' 42.69" W



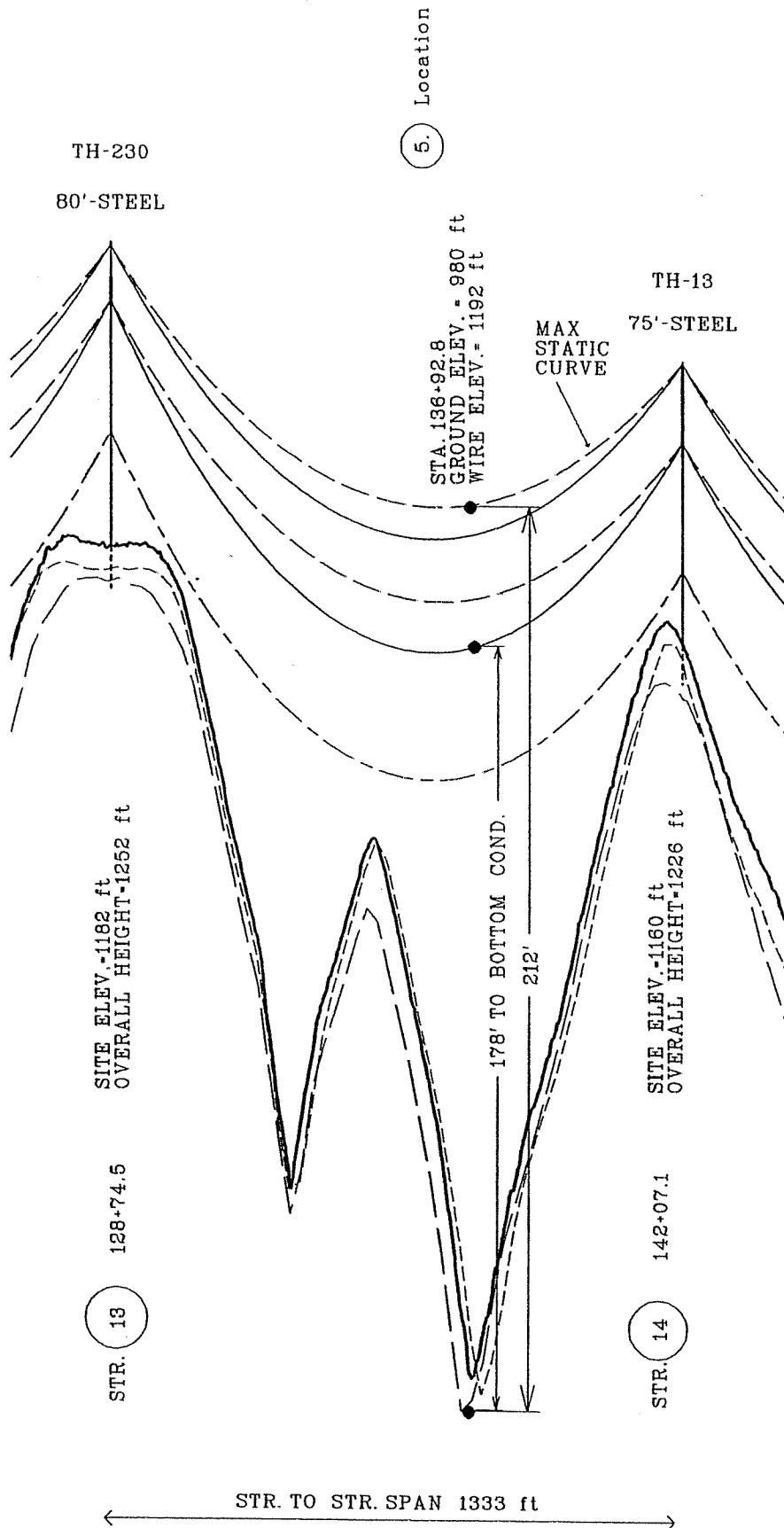
0 1,000 2,000 Feet

**Proposed EKPC  
Cranston - Rowan County  
138 kV Transmission Line**



East Kentucky Power Cooperative  
4775 Lexington Road, PO Box 707  
Winchester, Kentucky 40391

Phone (859)744-4812 www.ekpc.com Fax (859)744-6008



NOTE: POLE HEIGHTS  
TO BE ADJUSTED TO  
ACCOMMODATE SIDE SLOPE.

COND: 795 KCM 26/7 ACSR  
STATIC: 7/16" HIGH STRENGTH STEEL, 7 STRAND

SCALE VERT: 1" = 40'  
HORIZ: 1" = 400'

Kentucky Transportation Cabinet, Kentucky Airport Zoning Commission, 125 Holmes Street, Frankfort KY 40622

Kentucky Aeronautical Study Number

**APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE**

1. APPLICANT - Name, Address, Telephone, Fax, etc.

East Kentucky Power Cooperative  
4775 Lexington Road  
PO Box 707  
Winchester, KY 40391  
(859) 744-4812 ext 672 (859) 744-6008

2. Representative of Applicant - Name, Address, Telephone, Fax

Mark Brewer, P.E.  
4775 Lexington Road, PO Box 707  
Winchester, KY 40391  
  
markb@ekpc.com

3. Application for:  New Construction  Alteration  Existing

4. Duration:  Permanent  Temporary (Months \_\_\_\_\_ Days \_\_\_\_\_)

5. Work Schedule: Start 06/01/04 End 12/01/04

6. Type:  Antenna Tower  Crane  Building  Power Line  
 Landfill  Water Tank  Other \_\_\_\_\_

Marking/Painting and/or Lighting Preferred:

Red Lights and Paint  Dual - Red & Medium Intensity White  
 White - Medium Intensity  Dual - Red & High Intensity White  
 White - High Intensity  Other No marking or lighting  
2003-ASO-4311-OE

8. FAA Aeronautical Study Number 2003-ASO-4310-OE

9. Latitude: \_\_\_\_\_ 38° \_\_\_\_\_ 13' \_\_\_\_\_ 50. \_\_\_\_\_ 38"

10. Longitude: \_\_\_\_\_ 83° \_\_\_\_\_ 23' \_\_\_\_\_ 43. \_\_\_\_\_ 79"

11. Datum: NAD 83  NAD 27  Other \_\_\_\_\_

12. Nearest Kentucky City Morehead County: Rowan

13. Nearest Kentucky public use or Military airport:  
Morehead - Rowan County

14. Distance from #13 to Structure: 9.99 mi

15. Direction from #13 to Structure: N 47° 35' 15"

16. Site Elevation (AMSL): 892 Feet

17. Total Structure Height (AGL): 278 Feet

18. Overall Height (#16 + #17) (AMSL): 1,170 Feet

19. Previous FAA and/or Kentucky Aeronautical Study Number(s):  
\_\_\_\_\_

20. Description of Location: (Attach a USGS 7.5 minute Quadrangle Map or an Airport Layout Drawing with the precise site marked and any certified survey)

Span between structure #14 and structure #15

21. Description of Proposal:

EKPC will be constructing a 138 KV overhead transmission line from the Cranston Substation to the Rowan Co. Substation in Rowan County, KY. The overhead static wire (7/16" H.S.S) for this span is attached to TH-13 and TH-230 structures.

Please see "Exhibit A", proposed transmission line vicinity map for additional information.

22. Has a "NOTICE OF CONSTRUCTION OR ALTERATION" (FAA Form 7460-1) been filed with the Federal Aviation Administration?  No  Yes, When 7-22-2003

**CERTIFICATION:** I hereby certify that all the above statements made by me are true, complete and correct to the best of my knowledge and belief.

Mark Brewer

*Mark Brewer*  
Signature

8/27/03  
Date

PRINTED Name \_\_\_\_\_  
PENALTIES: Persons failing to comply with Kentucky Revised Statutes (KRS 183.861 through 183.990) and Kentucky Administrative Regulations (602 KAR 050: Series) are liable for fines and/or imprisonment as set forth in KRS 183.990(3). Non-compliance with Federal Aviation Administration Regulations may result in further penalties.

**Commission Action:**

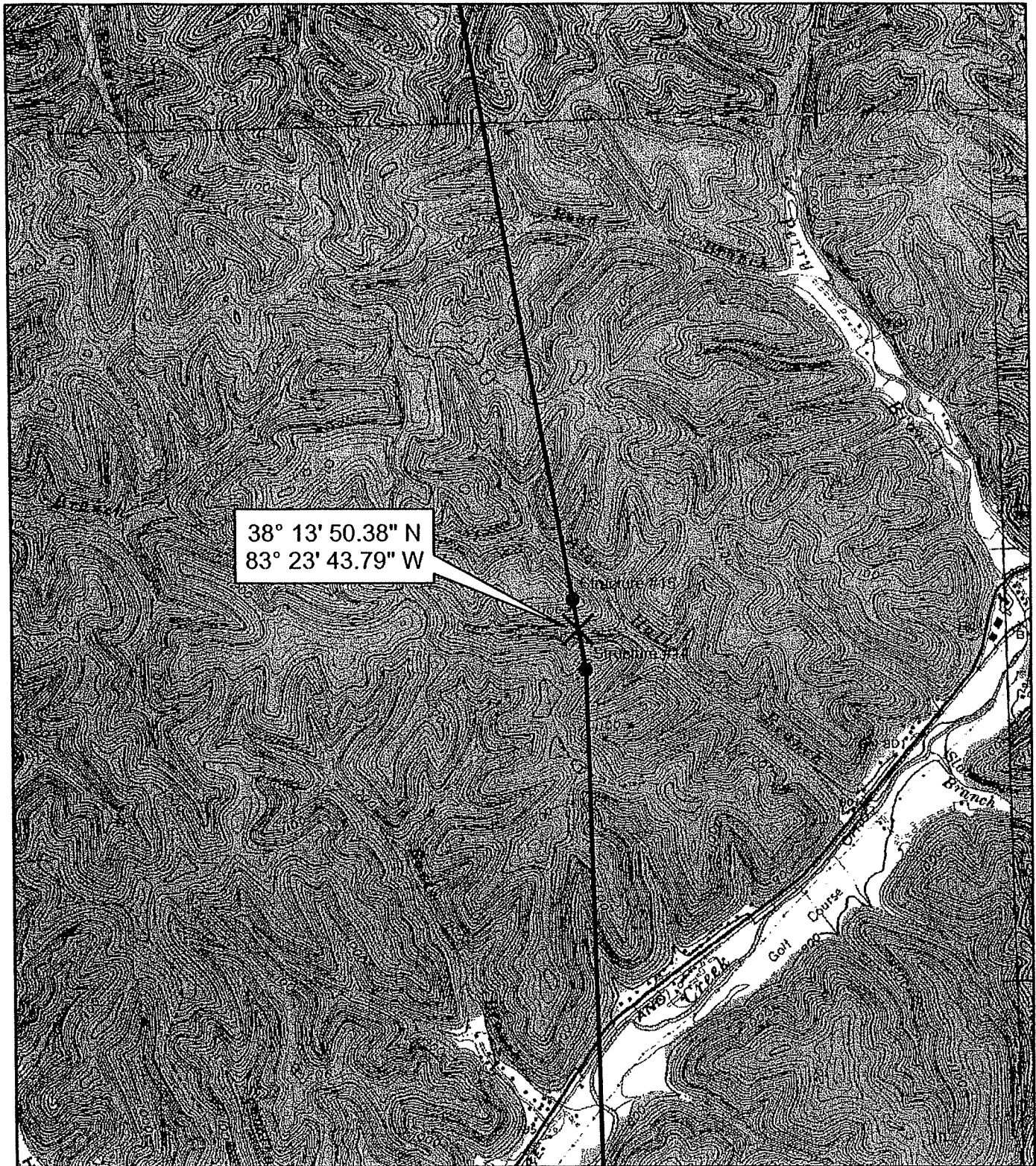
Chairman, KAZC

Administrator, KAZC

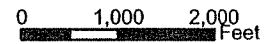
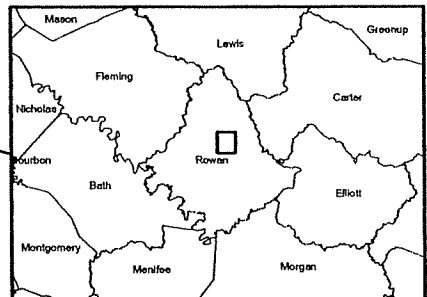
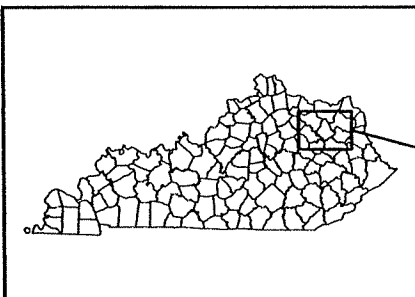
Approved

Disapproved

\_\_\_\_\_ Date \_\_\_\_\_



38° 13' 50.38" N  
83° 23' 43.79" W

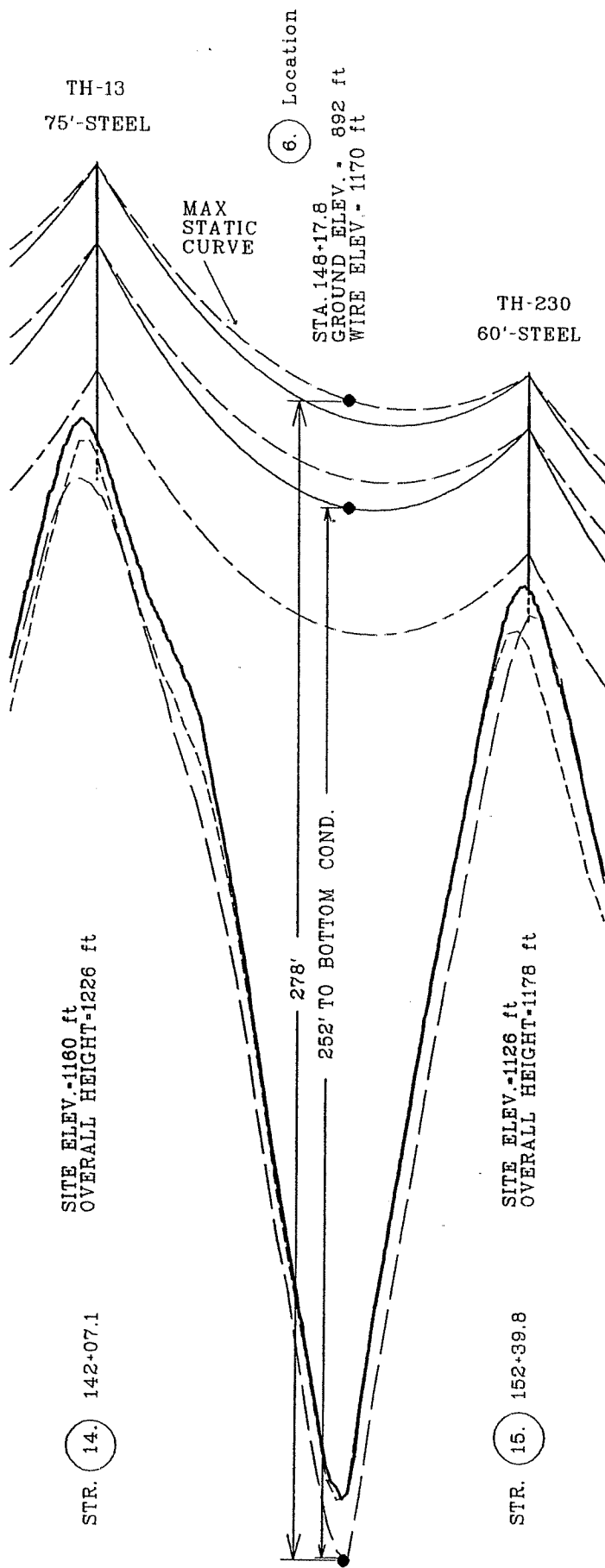


**Proposed EKPC  
Cranston - Rowan County  
138 kV Transmission Line**



East Kentucky Power Cooperative  
4775 Lexington Road, PO Box 707  
Winchester, Kentucky 40391  
Phone (859)744-4812 www.ekpc.com Fax (859)744-6008

STR. TO STR. SPAN 1033 ft



NOTE: TOWER HEIGHTS  
TO BE ADJUSTED TO  
ACCOMMODATE SIDE SLOPE.

COND: 795 KCM 26/7 ACSR  
CABLE: 7/16" HIGH STRENGTH STEEL, 7 STRAND

SCALE VERT: 1" = 40'  
HORIZ: 1" = 400'

Kentucky Transportation Cabinet, Kentucky Airport Zoning Commission, 125 Holmes Street, Frankfort KY 40622

Kentucky Aeronautical Study Number

**APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE**

1. APPLICANT – Name, Address, Telephone, Fax, etc.

East Kentucky Power Cooperative  
4775 Lexington Road  
PO Box 707  
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(859) 744-4812 ext 672 (859) 744-6008

2. Representative of Applicant – Name, Address, Telephone, Fax

Mark Brewer, P.E.  
4775 Lexington Road, PO Box 707  
Winchester, KY 40391  
  
markb@ekpc.com

3. Application for:  New Construction  Alteration  Existing

4. Duration:  Permanent  Temporary (Months \_\_\_\_\_ Days \_\_\_\_\_)

5. Work Schedule: Start 06/01/04 End 12/01/04

6. Type:  Antenna Tower  Crane  Building  Power Line  
 Landfill  Water Tank  Other \_\_\_\_\_

Marking/Painting and/or Lighting Preferred:

- Red Lights and Paint  Dual – Red & Medium Intensity White
- White – Medium Intensity  Dual – Red & High Intensity White
- White – High Intensity  Other No marking or lighting  
2003-ASO-4311-OE

8. FAA Aeronautical Study Number 2003-ASO-4312-OE

9. Latitude: \_\_\_\_\_ 38° \_\_\_\_\_ 14' \_\_\_\_\_ 00. \_\_\_\_\_ 88"

10. Longitude: \_\_\_\_\_ 83° \_\_\_\_\_ 23' \_\_\_\_\_ 45. \_\_\_\_\_ 87"

11. Datum: NAD 83  NAD 27  Other \_\_\_\_\_

12. Nearest Kentucky City Morehead County: Rowan

13. Nearest Kentucky public use or Military airport:  
Morehead - Rowan County

14. Distance from #13 to Structure: 10.09 mi

15. Direction from #13 to Structure: N 46° 37'.52"

16. Site Elevation (AMSL): 897 Feet

17. Total Structure Height (AGL): 237 Feet

18. Overall Height (#16 + #17) (AMSL): 1,134 Feet

19. Previous FAA and/or Kentucky Aeronautical Study Number(s):  
\_\_\_\_\_

20. Description of Location: (Attach a USGS 7.5 minute Quadrangle Map or an Airport Layout Drawing with the precise site marked and any certified survey)

Span between structure #15 and structure #16

21. Description of Proposal:

EKPC will be constructing a 138 KV overhead transmission line from the Cranston Substation to the Rowan Co. Substation in Rowan County, KY. The overhead static wire (7/16" H.S.S) for this span is attached to TH-230 structures.

Please see "Exhibit A", proposed transmission line vicinity map for additional information.

22. Has a "NOTICE OF CONSTRUCTION OR ALTERATION" (FAA Form 7460-1) been filed with the Federal Aviation Administration?  No  Yes, When 7-22-2003

**CERTIFICATION:** I hereby certify that all the above statements made by me are true, complete and correct to the best of my knowledge and belief.

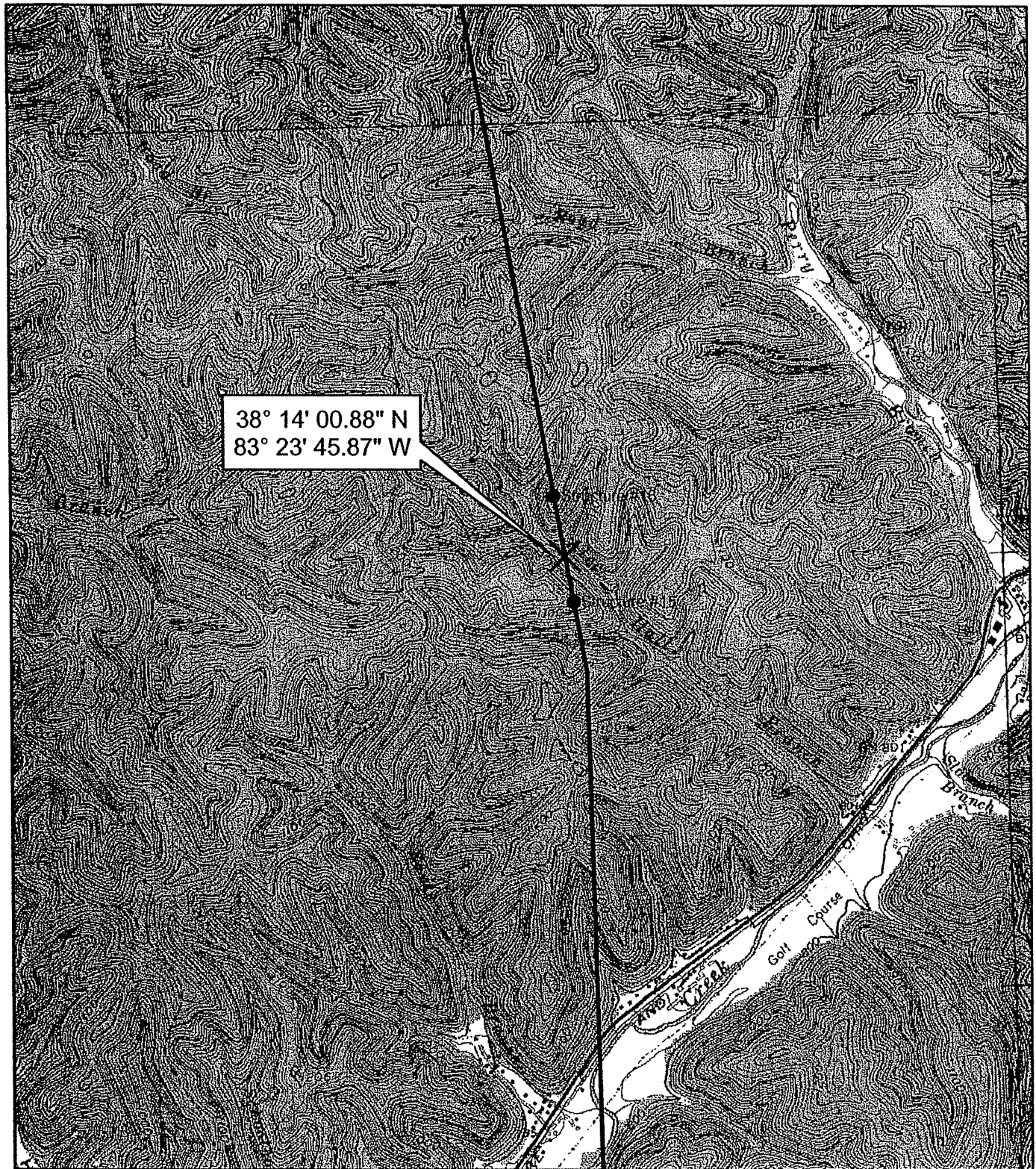
Mark Brewer

Printed Name \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_

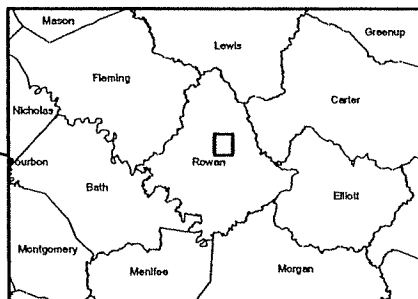
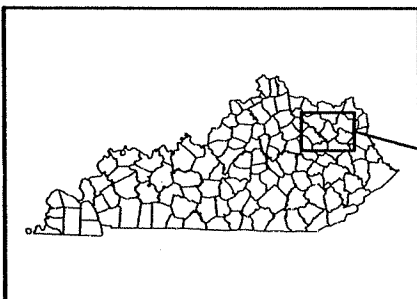
**PENALTIES:** Persons failing to comply with Kentucky Revised Statutes (KRS 183.861 through 183.990) and Kentucky Administrative Regulations (602 KAR 050: Series) are liable for fines and/or imprisonment as set forth in KRS 183.990(3). Non-compliance with Federal Aviation Administration Regulations may result in further penalties.

**Commission Action:**  Chairman, KAZC  Administrator, KAZC

Approved  Disapproved \_\_\_\_\_ Date \_\_\_\_\_



38° 14' 00.88" N  
83° 23' 45.87" W



0 1,000 2,000 Feet

**Proposed EKPC  
Cranston - Rowan County  
138 kV Transmission Line**



East Kentucky Power Cooperative  
4775 Lexington Road, PO Box 707  
Winchester, Kentucky 40391  
Phone (859)744-4812 www.ekpc.com Fax (859)744-6008

Kentucky Transportation Cabinet, Kentucky Airport Zoning Commission, 125 Holmes Street, Frankfort KY 40622

Kentucky Aeronautical Study Number

**APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE**

1. APPLICANT - Name, Address, Telephone, Fax, etc.

East Kentucky Power Cooperative  
4775 Lexington Road  
PO Box 707  
Winchester, KY 40391  
(859) 744-4812 ext 672 (859) 744-6008

2. Representative of Applicant - Name, Address, Telephone, Fax

Mark Brewer, P.E.  
4775 Lexington Road, PO Box 707  
Winchester, KY 40391  
  
markb@ekpc.com

3. Application for:  New Construction  Alteration  Existing

4. Duration:  Permanent  Temporary (Months \_\_\_\_\_ Days \_\_\_\_\_)

5. Work Schedule: Start 06/01/04 End 12/01/04

6. Type:  Antenna Tower  Crane  Building  Power Line  
 Landfill  Water Tank  Other \_\_\_\_\_

Marking/Painting and/or Lighting Preferred:

- Red Lights and Paint
- White - Medium Intensity
- White - High Intensity
- Dual - Red & Medium Intensity White
- Dual - Red & High Intensity White
- Other No marking or lighting

8. FAA Aeronautical Study Number 2003-ASO-4313-OE

9. Latitude: \_\_\_\_\_ 38° \_\_\_\_\_ 14' \_\_\_\_\_ 13. \_\_\_\_\_ 71"

10. Longitude: \_\_\_\_\_ 83° \_\_\_\_\_ 23' \_\_\_\_\_ 48. \_\_\_\_\_ 42"

11. Datum: NAD 83  NAD 27  Other \_\_\_\_\_

12. Nearest Kentucky City Morehead County: Rowan

13. Nearest Kentucky public use or Military airport:  
Morehead - Rowan County

14. Distance from #13 to Structure: 10.24 mi

15. \_\_\_\_\_

16. Direction from #13 to Structure: N 45° 25' 53" E

17. Site Elevation (AMSL): 976 Feet

18. Total Structure Height (AGL): 209 Feet

19. Overall Height (#16 + #17) (AMSL): 1,185 Feet

20. Previous FAA and/or Kentucky Aeronautical Study Number(s):  
\_\_\_\_\_

21. Description of Location: (Attach a USGS 7.5 minute Quadrangle Map or an Airport Layout Drawing with the precise site marked and any certified survey)

Span between structure #16 and structure #17

22. Description of Proposal:

EKPC will be constructing a 138 KV overhead transmission line from the Cranston Substation to the Rowan Co. Substation in Rowan County, KY. The overhead static wire (7/16" H.S.S) for this span is attached to TH-230 structures.

Please see "Exhibit A", proposed transmission line vicinity map for additional information.

22. Has a "NOTICE OF CONSTRUCTION OR ALTERATION" (FAA Form 7460-1) been filed with the Federal Aviation Administration?  No  Yes, When 7-22-2003

**CERTIFICATION:** I hereby certify that all the above statements made by me are true, complete and correct to the best of my knowledge and belief.

Mark Brewer

*Mark Brewer*  
Signature

8/27/03  
Date

Printed Name

**PENALTIES:** Persons failing to comply with Kentucky Revised Statutes (KRS 183.861 through 183.990) and Kentucky Administrative Regulations (602 KAR 050: Series) are liable for fines and/or imprisonment as set forth in KRS 183.990(3). Non-compliance with Federal Aviation Administration Regulations may result in further penalties.

**Commission Action:**

Chairman, KAZC

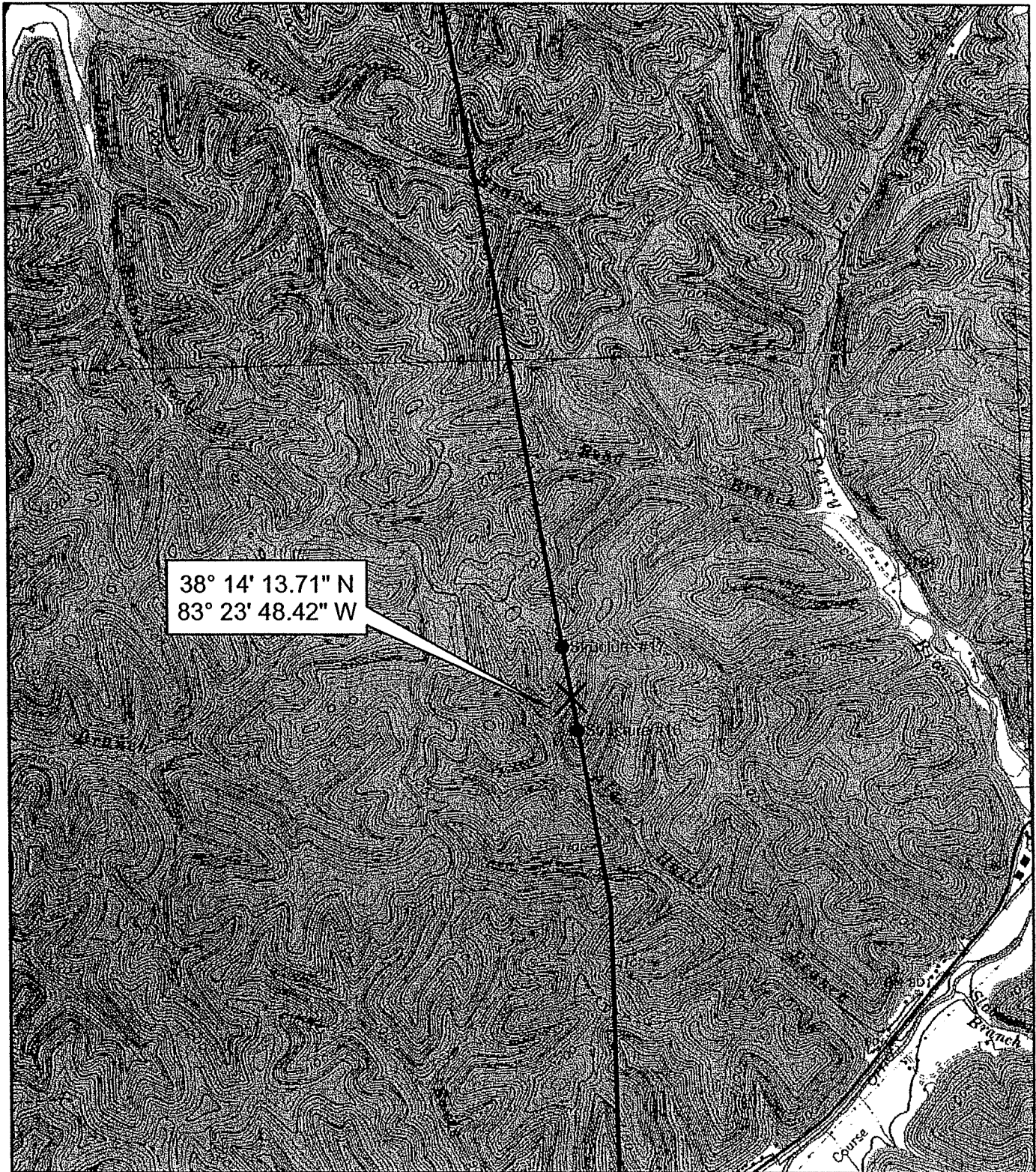
Administrator, KAZC

Approved

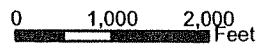
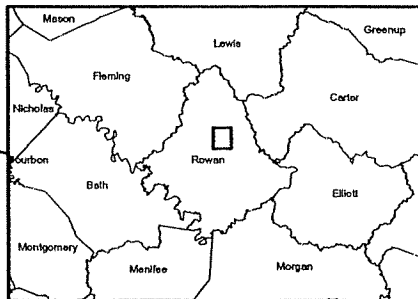
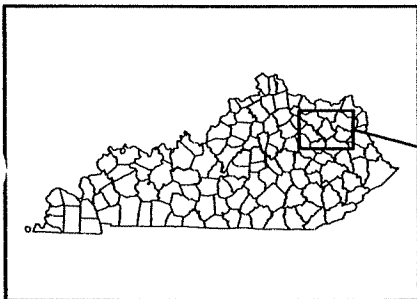
Disapproved

\_\_\_\_\_ Date





38° 14' 13.71" N  
83° 23' 48.42" W

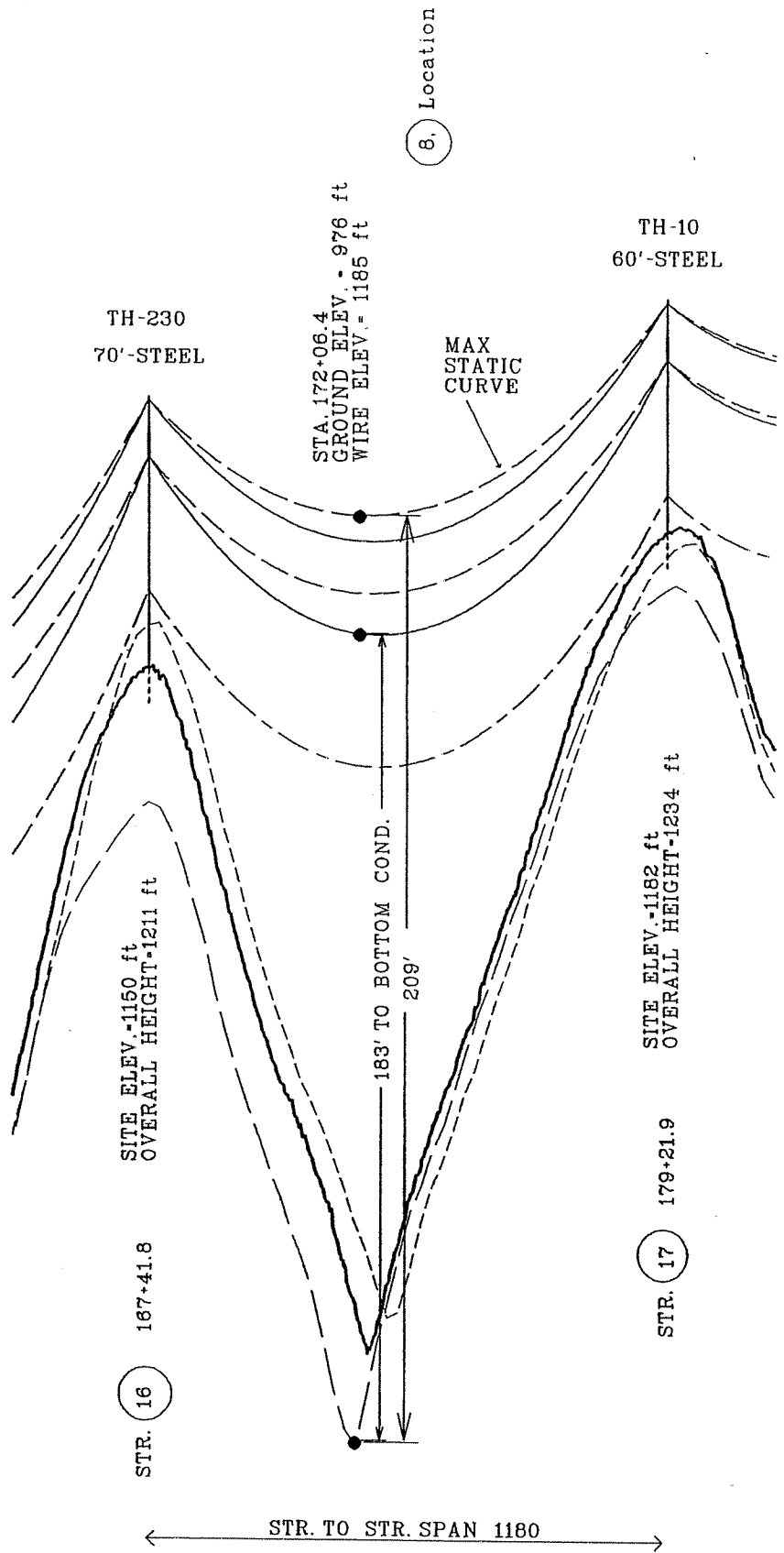


**Proposed EKPC  
Cranston - Rowan County  
138 kV Transmission Line**



East Kentucky Power Cooperative  
4775 Lexington Road, PO Box 707  
Winchester, Kentucky 40391

Phone (859)744-4812 www.ekpc.com Fax (859)744-6008



COND: 795 KCM 26/7 ACSR  
 STATIC: 1/16" HIGH STRENGTH STEEL, 7 STRAND

SCALE VERT: 1" = 40'  
 HORIZ: 1" = 400'

Kentucky Transportation Cabinet, Kentucky Airport Zoning Commission, 125 Holmes Street, Frankfort KY 40622

Kentucky Aeronautical Study Number

**APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE**

1. APPLICANT - Name, Address, Telephone, Fax, etc.

East Kentucky Power Cooperative  
4775 Lexington Road  
PO Box 707  
Winchester, KY 40391  
(859) 744-4812 ext 672 (859) 744-6008

2. Representative of Applicant - Name, Address, Telephone, Fax

Mark Brewer, P.E.  
4775 Lexington Road, PO Box 707  
Winchester, KY 40391  
  
markb@ekpc.com

3. Application for:  New Construction  Alteration  Existing

4. Duration:  Permanent  Temporary (Months \_\_\_\_\_ Days \_\_\_\_\_)

5. Work Schedule: Start 06/01/04 End 12/01/04

6. Type:  Antenna Tower  Crane  Building  Power Line  
 Landfill  Water Tank  Other \_\_\_\_\_

Marking/Painting and/or Lighting Preferred:

Red Lights and Paint  Dual - Red & Medium Intensity White  
 White - Medium Intensity  Dual - Red & High Intensity White  
 White - High Intensity  Other No marking or lighting

8. FAA Aeronautical Study Number 2003-ASO-4314-OE  
2003-ASO-4315-OE

9. Latitude: \_\_\_\_\_ 38° \_\_\_\_\_ 14' \_\_\_\_\_ 44. \_\_\_\_\_ 34"

10. Longitude: \_\_\_\_\_ 83° \_\_\_\_\_ 23' \_\_\_\_\_ 54. \_\_\_\_\_ 49"

11. Datum: NAD 83  NAD 27  Other \_\_\_\_\_

12. Nearest Kentucky City Morehead County: Rowan

13. Nearest Kentucky public use or Military airport:  
Morehead - Rowan County

14. Distance from #13 to Structure: 10.58 mi

15. Direction from #13 to Structure: N 42° 45' 38" E

16. Site Elevation (AMSL): 961 Feet

17. Total Structure Height (AGL): 212 Feet

18. Overall Height (#16 + #17) (AMSL): 1,173 Feet

19. Previous FAA and/or Kentucky Aeronautical Study Number(s):  
\_\_\_\_\_

20. Description of Location: (Attach a USGS 7.5 minute Quadrangle Map or an Airport Layout Drawing with the precise site marked and any certified survey)

Span between structure #20 and structure #21

21. Description of Proposal:

EKPC will be constructing a 138 KV overhead transmission line from the Cranston Substation to the Rowan Co. Substation in Rowan County, KY. The overhead static wire (7/16" H.S.S) for this span is attached to TH-10 structures.

Please see "Exhibit A", proposed transmission line vicinity map for additional information.

22. Has a "NOTICE OF CONSTRUCTION OR ALTERATION" (FAA Form 7460-1) been filed with the Federal Aviation Administration?  No  Yes, When 7-22-2003

**CERTIFICATION:** I hereby certify that all the above statements made by me are true, complete and correct to the best of my knowledge and belief.

Mark Brewer



8/27/03

Printed Name

Signature

Date

**PENALTIES:** Persons failing to comply with Kentucky Revised Statutes (KRS 183.861 through 183.990) and Kentucky Administrative Regulations (602 KAR 050: Series) are liable for fines and/or imprisonment as set forth in KRS 183.990(3). Non-compliance with Federal Aviation Administration Regulations may result in further penalties.

**Commission Action:**

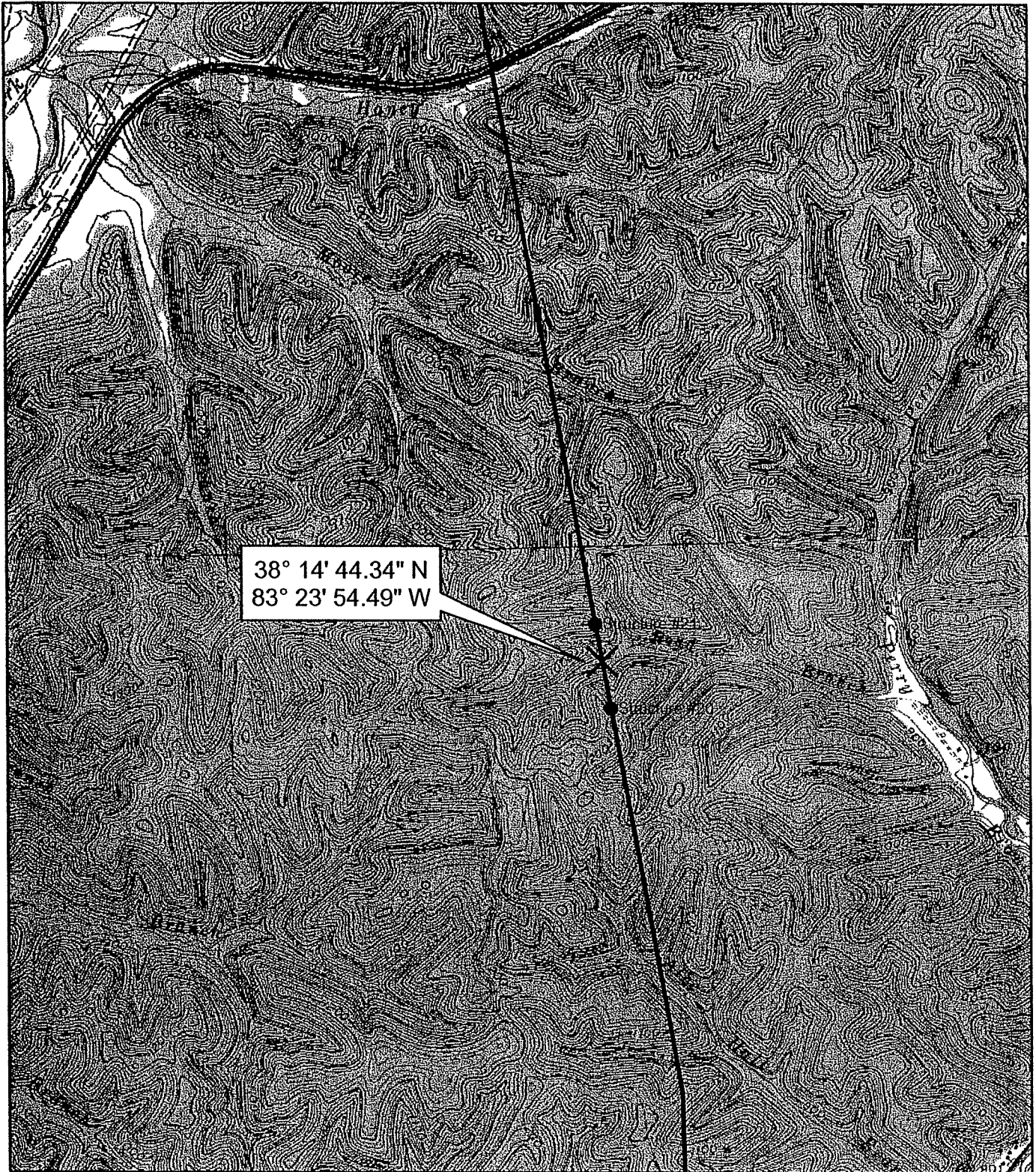
Chairman, KAZC

Administrator, KAZC

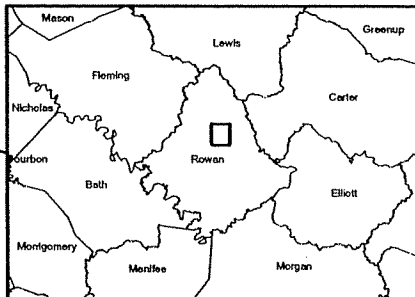
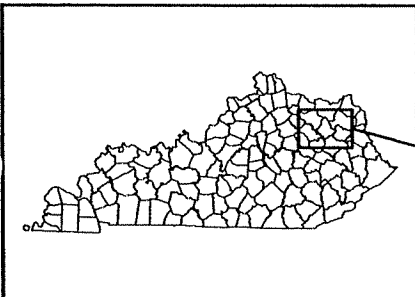
Approved

Disapproved

Date \_\_\_\_\_



38° 14' 44.34" N  
83° 23' 54.49" W



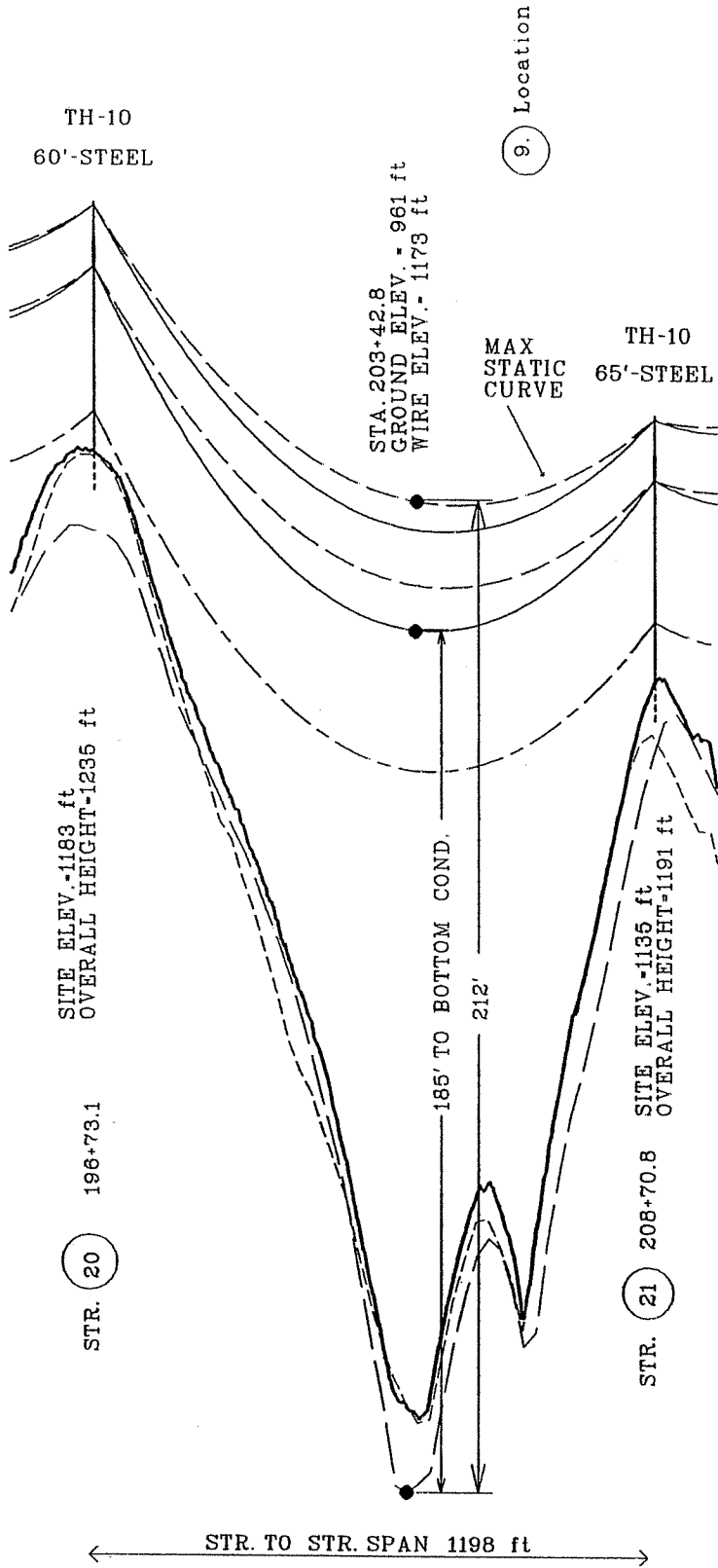
0 1,000 2,000 Feet

**Proposed EKPC  
Cranston - Rowan County  
138 kV Transmission Line**



**East Kentucky Power Cooperative**  
4775 Lexington Road, PO Box 707  
Winchester, Kentucky 40391

Phone (859)744-4812 www.ekpc.com Fax (859)744-6008



N<sup>o</sup> POLE HEIGHTS  
 TO BE ADJUSTED TO  
 ACCOMMODATE SIDE SLOPE.

COND: 795 KCM 26/7 ACSR  
 STATIC: 1/16" HIGH STRENGTH STEEL, 7 STRAND

SCALE VERT: 1" = 40'  
 HORIZ: 1" = 400'

Kentucky Transportation Cabinet, Kentucky Airport Zoning Commission, 125 Holmes Street, Frankfort KY 40622

Kentucky Aeronautical Study Number

**APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE**

1. APPLICANT – Name, Address, Telephone, Fax, etc.

East Kentucky Power Cooperative  
4775 Lexington Road  
PO Box 707  
Winchester, KY 40391  
(859) 744-4812 ext 672 (859) 744-6008

2. Representative of Applicant – Name, Address, Telephone, Fax

Mark Brewer, P.E.  
4775 Lexington Road, PO Box 707  
Winchester, KY 40391  
markb@ekpc.com

3. Application for:  New Construction  Alteration  Existing

4. Duration:  Permanent  Temporary (Months \_\_\_\_\_ Days \_\_\_\_\_)

5. Work Schedule: Start 06/01/04 End 12/01/04

6. Type:  Antenna Tower  Crane  Building  Power Line  
 Landfill  Water Tank  Other \_\_\_\_\_

Marking/Painting and/or Lighting Preferred:

Red Lights and Paint  Dual – Red & Medium Intensity White  
 White – Medium Intensity  Dual – Red & High Intensity White  
 White – High Intensity  Other No marking or lighting

8. FAA Aeronautical Study Number 2003-ASO-4316-OE

9. Latitude: \_\_\_\_\_ 38° \_\_\_\_\_ 14' \_\_\_\_\_ 53. \_\_\_\_\_ 13"

10. Longitude: \_\_\_\_\_ 83° \_\_\_\_\_ 23' \_\_\_\_\_ 56. \_\_\_\_\_ 23"

11. Datum: NAD 83  NAD 27  Other \_\_\_\_\_

12. Nearest Kentucky City Morehead County: Rowan

13. Nearest Kentucky public use or Military airport:  
Morehead - Rowan County

14. Distance from #13 to Structure: 10.68 mi

15. Direction from #13 to Structure: N 42° 03' 00" E

16. Site Elevation (AMSL): 996 Feet

17. Total Structure Height (AGL): 200 Feet

18. Overall Height (#16 + #17) (AMSL): 1,196 Feet

19. Previous FAA and/or Kentucky Aeronautical Study Number(s):  
\_\_\_\_\_

20. Description of Location: (Attach a USGS 7.5 minute Quadrangle Map or an Airport Layout Drawing with the precise site marked and any certified survey)

Span between structure #21 and structure #22

21. Description of Proposal:

EKPC will be constructing a 138 KV overhead transmission line from the Cranston Substation to the Rowan Co. Substation in Rowan County, KY. The overhead static wire (7/16" H.S.S) for this span is attached to TH-10 structures.

Please see "Exhibit A", proposed transmission line vicinity map for additional information.

22. Has a "NOTICE OF CONSTRUCTION OR ALTERATION" (FAA Form 7460-1) been filed with the Federal Aviation Administration?  No  Yes, When 7-22-2003

**CERTIFICATION:** I hereby certify that all the above statements made by me are true, complete and correct to the best of my knowledge and belief.

Mark Brewer

*Mark Brewer*  
Signature

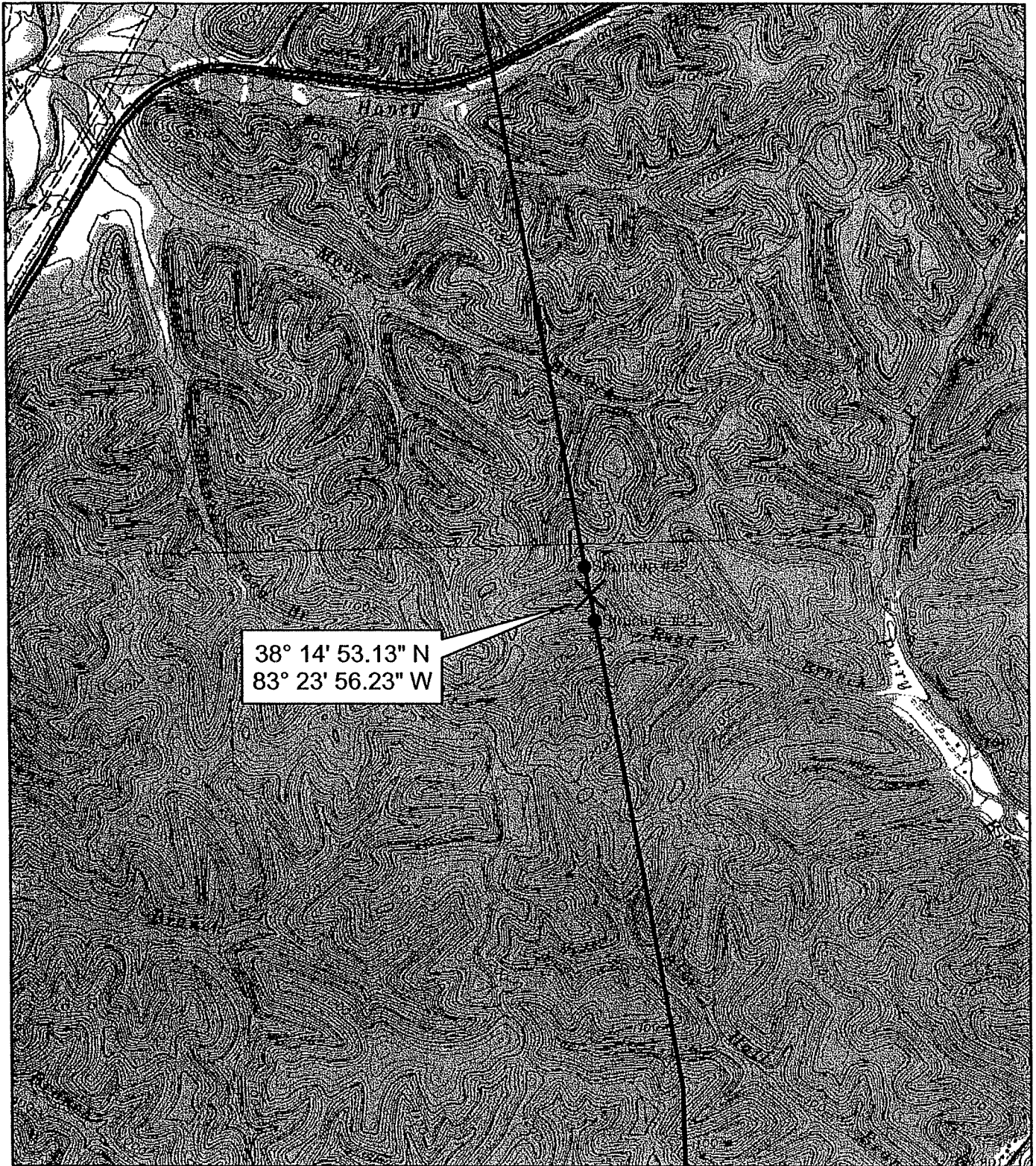
8/27/03  
Date

**PENALTIES:** Persons failing to comply with Kentucky Revised Statutes (KRS 183.861 through 183.990) and Kentucky Administrative Regulations (602 KAR 050: Series) are liable for fines and/or imprisonment as set forth in KRS 183.990(3). Non-compliance with Federal Aviation Administration Regulations may result in further penalties.

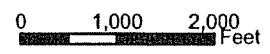
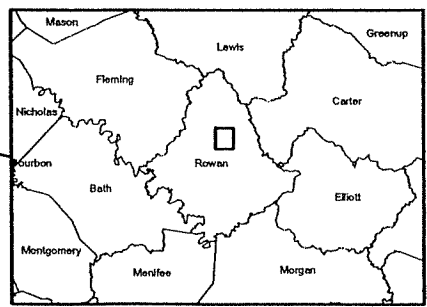
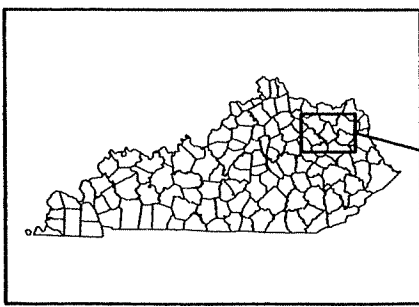
**Commission Action:**  Chairman, KAZC  Administrator, KAZC

Approved  
 Disapproved

\_\_\_\_\_ Date \_\_\_\_\_



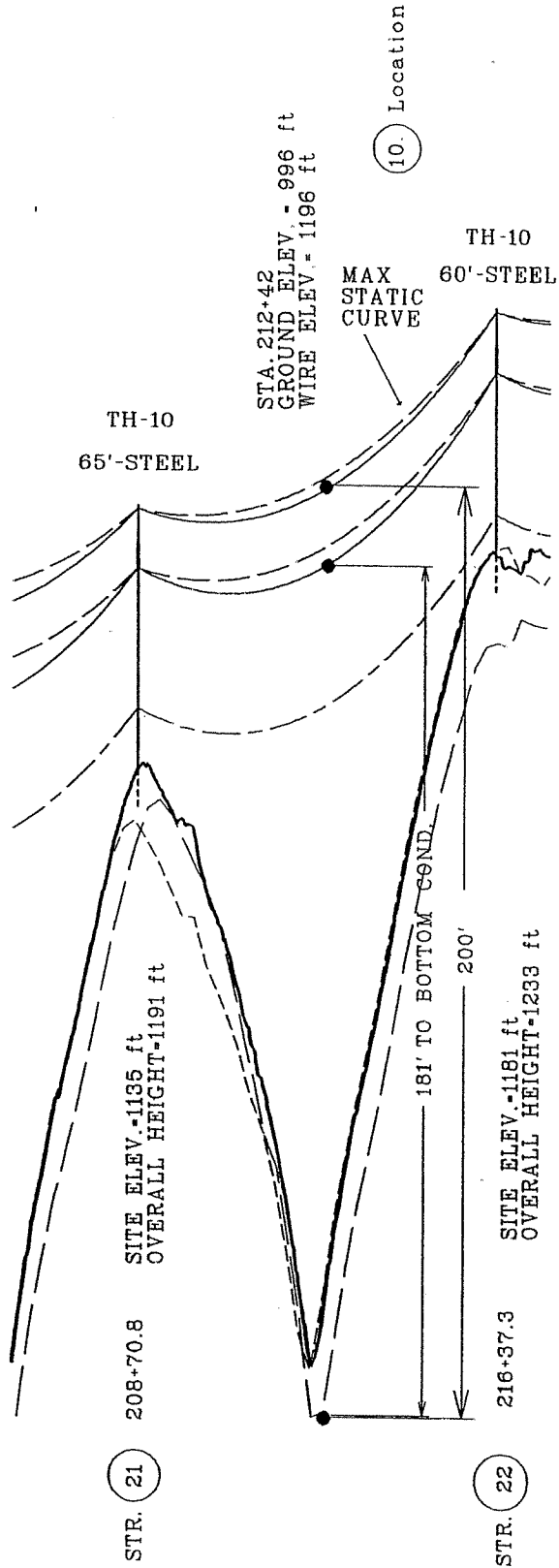
38° 14' 53.13" N  
83° 23' 56.23" W



**Proposed EKPC  
Cranston - Rowan County  
138 kV Transmission Line**



East Kentucky Power Cooperative  
4775 Lexington Road, PO Box 707  
Winchester, Kentucky 40391  
Phone (859)744-4812 www.ekpc.com Fax (859)744-6008



NOTE: POLE HEIGHTS  
 TO BE ADJUSTED TO  
 ACCOMMODATE SIDE SLOPE.

COND: 795 KCM 26/7 ACSR  
 STATIC: 1/16" HIGH STRENGTH STEEL, 7 STRAND

SCALE VERT: 1" = 40'  
 HORIZ: 1" = 400'



Kentucky Transportation Cabinet, Kentucky Airport Zoning Commission, 125 Holmes Street, Frankfort KY 40622

Kentucky Aeronautical Study Number

### APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE

1. APPLICANT – Name, Address, Telephone, Fax, etc.

East Kentucky Power Cooperative  
4775 Lexington Road  
PO Box 707  
Winchester, KY 40391  
(859) 744-4812 ext 672 (859) 744-6008

2. Representative of Applicant – Name, Address, Telephone, Fax

Mark Brewer, P.E.  
4775 Lexington Road, PO Box 707  
Winchester, KY 40391  
markb@ekpc.com

3. Application for:  New Construction  Alteration  Existing

4. Duration:  Permanent  Temporary (Months \_\_\_\_\_ Days \_\_\_\_\_)

5. Work Schedule: Start 06/01/04 End 12/01/04

6. Type:  Antenna Tower  Crane  Building  Power Line  
 Landfill  Water Tank  Other \_\_\_\_\_

7. Marking/Painting and/or Lighting Preferred:

Red Lights and Paint  Dual – Red & Medium Intensity White  
 White – Medium Intensity  Dual – Red & High Intensity White  
 White – High Intensity  Other No marking or lighting  
2003-ASO-4364-OE

8. FAA Aeronautical Study Number 2003-ASO-4365-OE

9. Latitude: \_\_\_\_\_ 38° \_\_\_\_\_ 15' \_\_\_\_\_ 53. \_\_\_\_\_ 68"

10. Longitude: \_\_\_\_\_ 83° \_\_\_\_\_ 24' \_\_\_\_\_ 08. \_\_\_\_\_ 24"

11. Datum: NAD 83  NAD 27  Other \_\_\_\_\_

12. Nearest Kentucky City Morehead County: Rowan

13. Nearest Kentucky public use or Military airport:  
Morehead - Rowan County

14. Distance from #13 to Structure: 11.43 mi

15. Direction from #13 to Structure: N 37° 26' 37" E

16. Site Elevation (AMSL): 859 Feet

17. Total Structure Height (AGL): 248 Feet

18. Overall Height (#16 + #17) (AMSL): 1,107 Feet

19. Previous FAA and/or Kentucky Aeronautical Study Number(s):  
\_\_\_\_\_

20. Description of Location: (Attach a USGS 7.5 minute Quadrangle Map or an Airport Layout Drawing with the precise site marked and any certified survey)

Span between structure #26 and structure #27

21. Description of Proposal:

EKPC will be constructing a 138 KV overhead transmission line from the Cranston Substation to the Rowan Co. Substation in Rowan County, KY. The overhead static wire (7/16" H.S.S) for this span is attached to TH-10 structures.

Please see "Exhibit A", proposed transmission line vicinity map for additional information.

22. Has a "NOTICE OF CONSTRUCTION OR ALTERATION" (FAA Form 7460-1) been filed with the Federal Aviation Administration?  No  Yes, When 7-22-2003

**CERTIFICATION:** I hereby certify that all the above statements made by me are true, complete and correct to the best of my knowledge and belief.

Mark Brewer

8/27/03

Printed Name

Signature

Date

PENALTIES: Persons failing to comply with Kentucky Revised Statutes (KRS 183.861 through 183.990) and Kentucky Administrative Regulations (602 KAR 050: Series) are liable for fines and/or imprisonment as set forth in KRS 183.990(3). Non-compliance with Federal Aviation Administration Regulations may result in further penalties.

**Commission Action:**

Chairman, KAZC

Administrator, KAZC

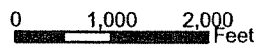
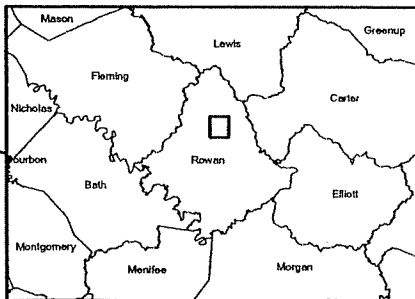
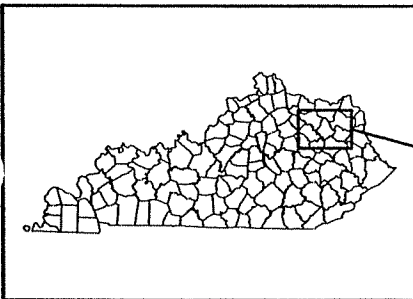
Approved

Disapproved

Date \_\_\_\_\_



38° 15' 53.68" N  
83° 24' 08.24" W



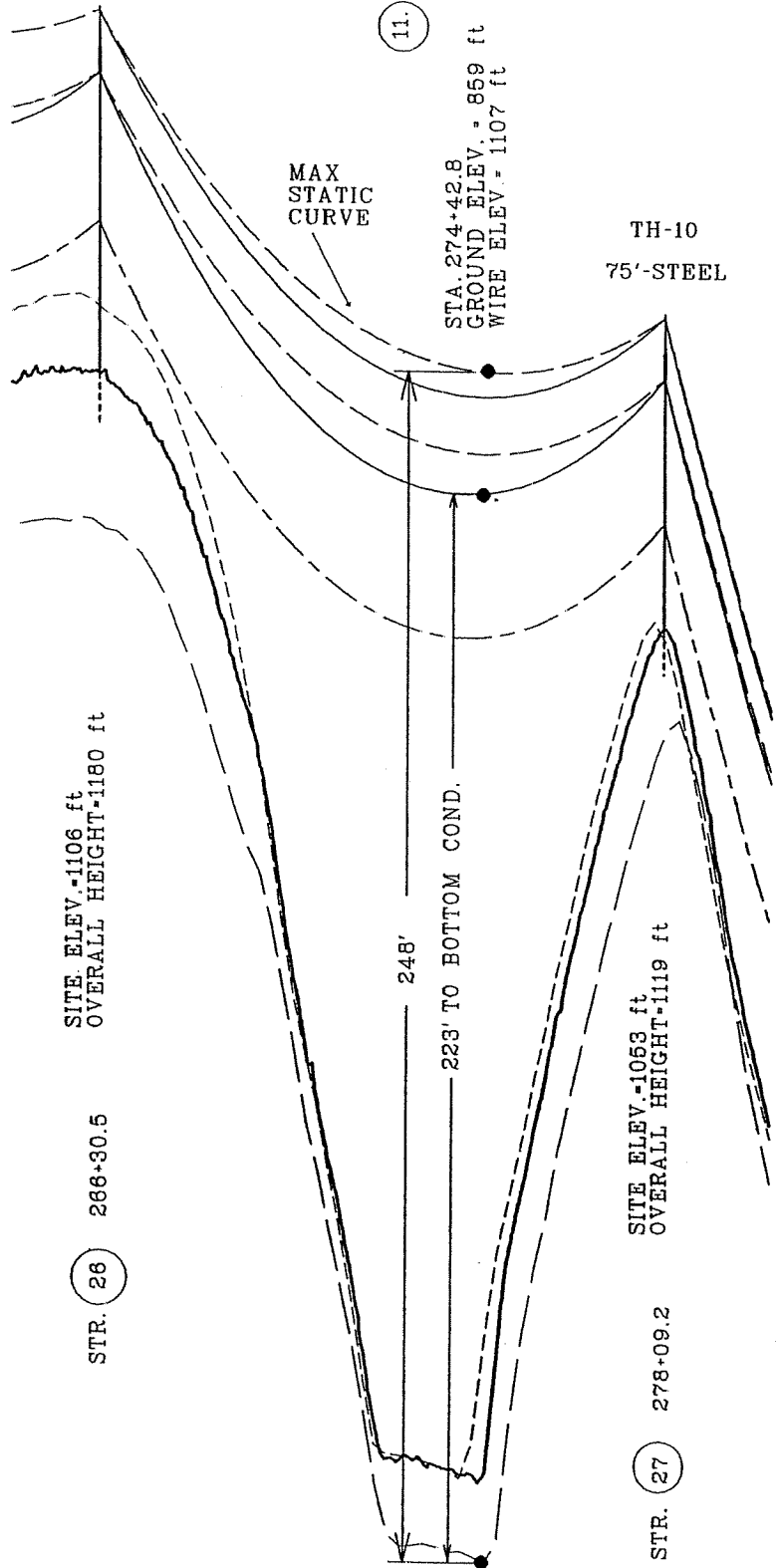
**Proposed EKPC  
Cranston - Rowan County  
138 kV Transmission Line**



East Kentucky Power Cooperative  
4775 Lexington Road, PO Box 707  
Winchester, Kentucky 40391  
Phone (859)744-4812 www.ekpc.com Fax (859)744-6008

TH-10  
85'-STEEL

11. Location



STA. 274+42.8  
GROUND ELEV. = 859 ft  
WIRE ELEV. = 1107 ft

TH-10  
75'-STEEL

SITE ELEV. - 1106 ft  
OVERALL HEIGHT - 1180 ft

STR. 26 266+30.5

248'

223' TO BOTTOM COND.

SITE ELEV. - 1053 ft  
OVERALL HEIGHT - 1119 ft

STR. 27 278+09.2

STR. TO STR. SPAN. 1179 ft

NOTE POLE HEIGHTS  
TO BE ADJUSTED TO  
ACCOMMODATE SIDE SLOPE.

COND: 795 KCM 26/7 ACSR  
STATIC: 1/16" HIGH STRENGTH STEEL, 7 STRAND

SCALE VERT: 1" = 40'  
HORIZ: 1" = 400'

Kentucky Transportation Cabinet, Kentucky Airport Zoning Commission, 125 Holmes Street, Frankfort KY 40622

Kentucky Aeronautical Study Number

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1. APPLICANT – Name, Address, Telephone, Fax, etc.

East Kentucky Power Cooperative  
4775 Lexington Road  
PO Box 707  
Winchester, KY 40391  
(859) 744-4812 ext 672 (859) 744-6008

9. Latitude: \_\_\_\_\_ 38° \_\_\_\_\_ 16' \_\_\_\_\_ 36. \_\_\_\_\_ 16"

10. Longitude: \_\_\_\_\_ 83° \_\_\_\_\_ 24' \_\_\_\_\_ 16. \_\_\_\_\_ 67"

11. Datum: NAD 83  NAD 27  Other \_\_\_\_\_

12. Nearest Kentucky City Morehead County: Rowan

13. Nearest Kentucky public use or Military airport:  
Morehead - Rowan County

14. Distance from #13 to Structure: 12.01 mi

15. Direction from #13 to Structure: N 34° 28' 41" E

16. Site Elevation (AMSL): 821 Feet

17. Total Structure Height (AGL): 274 Feet

18. Overall Height (#16 + #17) (AMSL): 1,095 Feet

19. Previous FAA and/or Kentucky Aeronautical Study Number(s):  
\_\_\_\_\_

20. Description of Location: (Attach a USGS 7.5 minute Quadrangle Map or an Airport Layout Drawing with the precise site marked and any certified survey)  
Span between structure #31 and structure #32

2. Representative of Applicant – Name, Address, Telephone, Fax

Mark Brewer, P.E.  
4775 Lexington Road, PO Box 707  
Winchester, KY 40391  
  
markb@ekpc.com

3. Application for:  New Construction  Alteration  Existing

4. Duration:  Permanent  Temporary (Months \_\_\_\_\_ Days \_\_\_\_\_)

5. Work Schedule: Start 06/01/04 End 12/01/04

6. Type:  Antenna Tower  Crane  Building  Power Line  
 Landfill  Water Tank  Other \_\_\_\_\_

Marking/Painting and/or Lighting Preferred:

Red Lights and Paint  Dual – Red & Medium Intensity White  
 White – Medium Intensity  Dual – Red & High Intensity White  
 White – High Intensity  Other No marking or lighting  
2003-ASO-4367-OE

8. FAA Aeronautical Study Number 2003-ASO-4369-OE

21. Description of Proposal:

EKPC will be constructing a 138 KV overhead transmission line from the Cranston Substation to the Rowan Co. Substation in Rowan County, KY. The overhead static wire (7/16" H.S.S) for this span is attached to TH-10 structures.

Please see "Exhibit A", proposed transmission line vicinity map for additional information.

22. Has a "NOTICE OF CONSTRUCTION OR ALTERATION" (FAA Form 7460-1) been filed with the Federal Aviation Administration?  No  Yes, When 7-22-2003

**CERTIFICATION:** I hereby certify that all the above statements made by me are true, complete and correct to the best of my knowledge and belief.

Mark Brewer

*Mark Brewer*  
Signature

8/27/03  
Date

**PENALTIES:** Persons failing to comply with Kentucky Revised Statutes (KRS 183.861 through 183.990) and Kentucky Administrative Regulations (602 KAR 050: Series) are liable for fines and/or imprisonment as set forth in KRS 183.990(3). Non-compliance with Federal Aviation Administration Regulations may result in further penalties.

**Commission Action:**  Chairman, KAZC  Administrator, KAZC

Approved  
 Disapproved

\_\_\_\_\_ Date \_\_\_\_\_