

Steven L. Beshear
Governor



Leonard K. Peters
Secretary

Commonwealth of Kentucky
Energy and Environment Cabinet
**Kentucky State Board on Electric Generation and
Transmission Siting**

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September 7, 2010

TO: DIVISION OF FILINGS

RE: Case No. 2010-00223

Application of Southern Indiana Gas & Electric Co. D/B/A Vectren Energy
Delivery of Indiana, Inc. for a Certificate to Construct an Electric Transmission
Line From Its A.B. Brown Plant to the Big Rivers Reid EHV Station

Please file in the administrative record of the above referenced case the enclosed
summary of the local public hearing held at the Henderson Fine Arts Center, 2660
South Green Street, Henderson, Kentucky on September 2, 2010.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeff Berouen".

Jeff Berouen
Executive Director

Enclosures

cc: Parties of Record

INTRA-AGENCY MEMORANDUM

KENTUCKY STATE BOARD ON ELECTRIC GENERATION AND TRANSMISSION SITING

TO: Case File

FROM: Siting Board Staff

DATE: September 7, 2010

RE: Case No. 2010-00223 - Southern Indiana Gas & Electric Co. d/b/a Vectren Energy Delivery of Indiana, Inc.
Summary of September 2, 2010 Local Public Hearing in Henderson, Kentucky

The Kentucky State Board on Electric Generation and Transmission Siting ("Siting Board") convened at 5:40 p.m., Central Daylight Time, on September 2, 2010 in the theater of the Henderson Fine Arts Center at 2660 South Green Street, Henderson, Kentucky, for the purpose of conducting a local public hearing on the application of Southern Indiana Gas & Electric Co. d/b/a Vectren Energy Delivery of Indiana, Inc. ("Vectren") to construct a 345 kilovolt (kV) electric transmission line through Henderson County and a portion of northeastern Webster County.

Present were Siting Board Chairman David L. Armstrong, Chairman of the Kentucky Public Service Commission ("PSC"); ex-officio members Jim Gardner, Vice Chairman of the PSC; Commissioner Charlie Borders, PSC; Bob Amato, designee of the Secretary of the Kentucky Energy and Environment Cabinet; Ken Robinson, designee of the Secretary of the Cabinet for Economic Development; and local members, Acting Henderson County Judge/Executive Hugh McCormick and Tommy Chandler. Total attendance, exclusive of applicants and board members and staff, was about 50. Thirty-seven (37) people signed attendance sheets, which are attached hereto. The meeting was videotaped.

Chairman Armstrong opened the meeting by welcoming the attendees and introducing the other Siting Board members and Staff. Chairman Armstrong then spoke about Judge/Executive Sandy Watkins, a Siting Board member who passed away on August 28, 2010. Chairman Armstrong remembered Judge Watkins as a dedicated public servant for Henderson County and the Commonwealth and as a devoted husband and father. Chairman Armstrong dedicated the local public hearing to Judge Watkins' memory.

Chairman Armstrong then explained the role of the Siting Board. He further explained that the Board does not have jurisdiction over water quality or other

environmental issues or over the condemnation proceedings which may come after the Siting Board's issuance of a construction certificate.

After Chairman Armstrong's introductions, he gave Acting Judge/Executive Hugh McCormick an opportunity to address the attendees. Mr. McCormick explained that he had worked for Big Rivers Electric Corporation ("Big Rivers") in plant operations for 30 years and that he was never employed in a management role for Big Rivers. He is currently on leave from Big Rivers due to a disability. He understands that Big Rivers has agreed to provide assistance in acquiring right-of-way for Vectren for the proposed transmission line. However, he does not believe that his prior employment with Big Rivers presents a conflict of interest that might require him to recuse from the case. Mr. McCormick intends to serve on the Siting Board, assuming that he is appointed by the Governor to serve out the unexpired term vacated by Judge Watkins' passing. Mr. McCormick then left the meeting due to a pending vote of the Henderson Democratic Party regarding the judge/executive seat.

Chairman Armstrong invited Vectren and the intervening parties to give brief presentations prior to the public giving their comments. Public commentators were asked to limit their remarks to five minutes.

Vectren

Bill Doty, Executive Vice President of Utility Operations for Vectren, gave a PowerPoint presentation, a copy of which is attached. Utilities need to take steps to address reliability needs to ensure service for their customers and the region. This project will enhance reliability and will also allow for more import and export of power from this area. Southern Indiana and Northwestern Kentucky share a regional economy. The PowerPoint presentation included a video presentation, a copy of which will be filed into the record by Vectren at a later time. The video can also be viewed online at: <http://www.kypowerup.com/>.

Vectren is a member of the Midwest Independent System Operator ("MISO"), which is also Vectren's reliability planner. Through MISO's planning process, the Brown-Reid project was identified as a necessary transmission project. It will allow more purchases and sales of electricity to and from the northwestern Kentucky area. Vectren used the Kentucky siting methodology to determine the proper route. Prior to filing its application, Vectren reached out to local leaders to get their input on which route would be preferable. Vectren believes this decision is correct and continues to believe in the importance of this project. Vectren intends to continue to work with local leaders and the Siting Board to get the project approved.

Jeff Webb, Director of Network Expansion, MISO, also gave a PowerPoint presentation, a copy of which is attached hereto. MISO plans and operates the regional

power grid. MISO plans transmission projects to keep the grid reliable. MISO recommended this project primarily to reduce contingencies on MISO's system, but they also looked at the benefits that would accrue to the region. These kinds of high-voltage projects provide such benefits as strengthening the system to handle unexpected loss of load. There are limited high-voltage ties between Kentucky and Indiana/Ohio grids – none in northwestern Kentucky. The lack of strong ties between these areas has resulted in reliability problems for this region. There is one 345 kV line coming from the Wilson plant, but there are no other high-voltage ties and actually very few low-capacity (161 kV, etc.) lines. At times when there have been loss of load events in this area, MISO has had to open up some of the lines to Kentucky, which has put the area at risk for low-voltage events. There have also been some energy emergency alert events due to forced outages in KU and LG&E plants. The project can provide up to a 12 percent increase in local area voltages, dramatically enhancing load service capabilities. It will also enable MISO to send an additional 140 MW in and take 500 MW out of Kentucky, allowing for greater sales of energy by Kentucky-based utilities. Kentucky customers will bear no cost for the project.

Jessie Glasgow of Photo Science also gave a PowerPoint presentation, a copy of which is attached hereto. The EPRI-GTC Transmission Siting Methodology was developed between 1999 and 2004. The Kentucky model was calibrated in 2006. This siting model has been used by 14 companies in seven states to site \$1 billion in facilities. Mr. Glasgow then explained the model methodology and inputs. He explained how the corridors are developed by the model and then explained how the applicant evaluates the possible corridors in order to choose the most appropriate route.

Counsel for Intervenors, George Seay

Mr. Seay stated that it is not the transmission line that concerns the Intervenors. It is the route of the line. The route will directly impact facilities owned by the city of Henderson (“Henderson”), Henderson Water Utility (“HWU”), and Henderson Municipal Power & Light (“HMP&L”). They will not agree to any easement over their properties. Thus, they believe that the application is incomplete and that it should be withdrawn or rejected.

The City of Henderson

Russell Sights, Henderson City Manager, spoke on behalf of the city of Henderson. Mr. Sights requests that Vectren and Big Rivers not be given permission to use the proposed route. Vectren had many meetings with officials, but they did not meet with the city manager or assistant city manager, Buzzy Newman. He met with Vectren in early August and presented an alternative route, which Vectren took under advisement. However, Vectren ultimately rejected the proposed alternative route. The chosen route will interfere with future expansion of HWU facilities and future expansion

of HMP&L substation 4. It will be visible from planned future riverfront improvements. In addition, it will cross Fairmont Cemetery and a historic African-American cemetery. The city of Henderson will not grant approval for crossing public rights of way.

Henderson Water Utility

Bruce Shipley, HWU General Manager, spoke on behalf of HWU. HWU owns a property that may be bisected by the proposed line. He was not notified as a property owner, nor was he invited to attend the July 6, 2010 meeting for affected property owners. HWU property owners met with Vectren in early August to talk about the proposed transmission line route but no resolution has been made. HWU intervened in order to protect its property, facilities, and customer rates. The planned route will potentially interfere with a major expansion of its sewer system. In February 2009, Henderson submitted a long-term control plan to the Kentucky Department of Environmental Protection to eliminate combined sewer overflows. The property on Drury Lane will be the location of the headworks of the expanded plant. On July 14, 2010, HWU issued a request for proposals for engineering designs for the sewer facility headworks. Routing a 345 kV line through that property will limit its ability to use the site for the planned expansion. If the headworks is moved further away, HWU will not be able to use gravity flow and will have to construct pump facilities, greatly increasing its capital costs. HWU purchased the Drury Lane property in 2008 for this project. If HWU cannot construct the \$33 million project, it may be unable to comply with its consent decree with the U.S. Environmental Protection Agency.

Henderson Municipal Power & Light

Gary Quick, General Manager, HMP&L, spoke on behalf of HMP&L. HMP&L opposes the transmission line route proposed by Vectren. HMP&L also opposes the placement of the line on the right-of-way for its Substation 4, and it opposes siting the line alongside HMP&L's existing lines. Mr. Quick stated that HMP&L's opposition is also for economic reasons, because it will prevent the substation from being expanded in the future.

Mr. Quick believes there is a high probability that, if the line failed, it could fall into the substation, causing extensive damage to the substation. HMP&L doesn't keep substation parts in inventory, nor do its vendors. Substation parts are special-order with long lead times. If the Vectren line fell into the substation, Henderson customers could be without power for a long time. HMP&L proposes that the route be changed to go north or south of the substation property. Mr. Quick distributed a three-page handout to the Siting Board members and Staff, showing an overhead photograph of the Substation 4 area overlaid with drawings depicting the proposed transmission line and existing infrastructure. A copy of the handout is attached hereto. HMP&L suggests

routing the transmission line to the southeast of Substation 4, as shown by the solid black line on page 2 of the handout.

Mr. Quick stated that HMP&L has seven substations on its system and Substation 4 is the most important one because all of the power that HMP&L gets from the Big Rivers Reid electric generation plant goes through that substation.

Mr. Quick stated that HMP&L needs to see the final engineering drawings to see if the line encroaches on their existing right-of-way or if the sag presents any problems as it parallels their existing 161 kV line from Substation 4 to the Reid plant. HMP&L asks the Siting Board to make its approval of the line contingent upon routing the transmission line around Substation 4 and upon the review and approval of the final construction plan and profile drawings by the HMP&L Board. Mr. Quick states that, to date, Vectren has not provided those materials to HMP&L for its review.

Public Speakers

1. Daniel Ray, Evansville, Indiana. Mr. Ray stated that he had a number of questions. Will there be a FERC filing? Will the Vectren customers pay for the facilities? Can the Siting Board appoint a committee of the land professionals from Henderson and Vectren to find a better route?

Chairman Armstrong explained that the Siting Board couldn't answer questions that night but a number of Vectren representatives would stay afterward to answer questions.

2. Robbie Williams, Henderson, Kentucky. Mr. Williams is a full-time farmer in Henderson County. He stated that it appears that Vectren has been hard at work since 2008, but the people of Henderson County are just getting to know about the project now. When a 345 kV line is sited through a field alongside a 161 kV line, it inhibits a farmer's ability to spray his crops. That effectively renders a great deal of his crops worthless. It also presents significant dangers to farmers from the possibility of arcing from the line to large farm equipment.

3. Scott Miller, Chairman of Henderson Airport Board. The Airport Board is lacking information about the potential height of the proposed transmission line tower. The Airport Board has requested that information from Vectren but have not received it. The Kentucky FAA also needs the information. He requested that the Siting Board require Vectren to give the Henderson Airport Board that information.

4. Chuck Stagg, Henderson, Kentucky, grew up in southeastern Henderson County. He understands the problem explained by Robbie Williams of trying to farm around large transmission lines. Vectren wants a 150-foot buffer between the proposed line

and the existing 161 kV line. That will affect 300 feet of his property. He stated that there are four power companies in the area, and his properties are traversed by large power lines from three of those companies. He doesn't understand why there must be individual lines for each utility. He asked why the utilities couldn't use existing rights-of-ways to co-locate these facilities.

5. Curt Hamilton, Henderson, Kentucky. His business is a commercial customer of HMP&L. The Ohio River is important for recreation and enjoyment. Although transmission lines are needed to attract business to this area, the siting of the line over the island in the Ohio River is an eyesore. Route D indicated in the August 11, 2010 consultant report is the preferable route. One thing that the study doesn't take into consideration is the visual impact of the transmission line on the beaches that are used by so many people. Henderson has put \$10 million into improving its waterfront, which is the only place for hundreds of miles where you can watch the sunset over a body of water without seeing development.

Chairman Armstrong asked if anyone else wished to speak. However, no one else in attendance indicated a desire to speak. So, Chairman Armstrong asked the Vectren representatives and Intervenors to stand so that if anyone in attendance had any questions they could address them to those persons. Chairman Armstrong then invited the public to attend the October 13, 2010 formal evidentiary hearing at the PSC's offices located at: 211 Sower Boulevard, Frankfort, Kentucky, beginning at 10:00 a.m., Eastern Daylight Time.

The meeting was then adjourned at 7:23 p.m.

PUBLIC MEETING - SIGN-IN SHEET

Vectren Corp. - Case No. 2010-00223

Henderson - Sept. 2, 2010

PLEASE PRINT LEGIBLY

Name	Address	DO YOU WISH TO SPEAK?
✓ 1 DANIEL RAY	3519 MARINER DRIVE EVANSVILLE, IN	YES NO
2 STEVE AUSTIN	1120 MERRILL DIXIE HENDERSON	YES NO
✓ 3 Robbie Williams	13305 Hwy 1078 S. Henderson	YES NO
4 STEVE REED	PO Box 1821 HEND KY 42419	YES NO
5 DAVID CROCKETT	1032 EAST LANE Henderson, Ky 42420	YES NO
6 RON JENKINS	34 S. ALVES ST HENDERSON, KY 42420	YES NO
7 DORIN LUCK	127 N MAIN ST Henderson	YES NO
8 BUZZ NEWMAN	4076 Shady Hollow Henderson	YES NO
9 Sharon Cates	8132 Pruitt Agnew Rd Henderson 42420	YES NO
10 Sammy Konster	132 Riverview Pl. Henderson 42420	YES NO

2

PUBLIC MEETING - SIGN-IN SHEET

Vectren Corp. - Case No. 2010-00223

Henderson - Sept. 2, 2010

PLEASE PRINT LEGIBLY

Name	Address	DO YOU WISH TO SPEAK?
1 <u>Broad Schneider</u>	<u>1552 Autumn Ln, Henderson, Ky, 42420</u>	YES <input checked="" type="radio"/> NO
2 <u>James W Miller</u>	<u>100 ST Ann St, Covington, KY 42303</u>	YES <input checked="" type="radio"/> NO
3 <u>Russell A. Sights</u>	<u>Sights PO Box 716, Henderson KY, 42419</u>	<input checked="" type="radio"/> YES NO
4 <u>R Mike Morton</u>	<u>14501 US 41-S REBARDOS K, 412452</u>	YES <input checked="" type="radio"/> NO
5 <u>Tom Davis</u>	<u>603 Cherry St. Henr Ky 42420</u>	YES <input checked="" type="radio"/> NO
6 <u>Rebecca Wilson</u>	<u>2932 Holloway Ln. Henderson, KY 42420</u>	YES <input checked="" type="radio"/> NO
7 <u>Russell King</u>	<u>1218 Adam Lane Henr Ky</u>	YES <input checked="" type="radio"/> NO
8 <u>Dawn Kelsy</u>	<u>127 N-Mani St. Henr Ky</u>	YES <input checked="" type="radio"/> NO
9 <u>Tracie Zanner</u>	<u>223 S. Man St. Henderson Ky</u>	YES <input checked="" type="radio"/> NO
10 <u>Dan Quick</u>	<u>105 5th St Henderson</u>	<input checked="" type="radio"/> YES NO

3

PUBLIC MEETING - SIGN-IN SHEET

Vectren Corp. - Case No. 2010-00223

Henderson - Sept. 2, 2010

PLEASE PRINT LEGIBLY

Name	Address	DO YOU WISH TO SPEAK?
1 STEVE SMITH	1613 THORNTON PL HEND. KY	YES <input checked="" type="radio"/> NO
2 Kimbon J. Heddens Jr	7644 ALPINE RD HEND KY	YES <input checked="" type="radio"/> NO
3 Scott Mottet Mottet	810 US 41 S. HEND KY	<input checked="" type="radio"/> YES NO
4 JOSIE LANCASTER	PO BOX 128 SEABURTERS, KY	YES <input checked="" type="radio"/> NO
5 Chuck Stinnett	The Greener Henderson, KY	YES <input checked="" type="radio"/> NO
6 CARL SELLARS	4195 US 41 A HENDERSON KY	YES <input checked="" type="radio"/> NO
7 AB Lates	8132 Prairie Aynor Rd Henderson KY	YES <input checked="" type="radio"/> NO
8 CURT HAMILTON	110 W. MAIN ST. HENDERSON, KY	YES <input checked="" type="radio"/> NO
9 Emily Sights	222 Barker Rd. Henderson, KY	YES <input checked="" type="radio"/> NO
10 CHUCK STAGG Stagg	6171 S. MAIN HWY 351 Henderson	<input checked="" type="radio"/> YES NO

4

PUBLIC MEETING - SIGN-IN SHEET

Vectren Corp. - Case No. 2010-00223

Henderson - Sept. 2, 2010

PLEASE PRINT LEGIBLY

Name	Address	DO YOU WISH TO SPEAK?
1 <u>WAYNE THOMPSON</u>	<u>16076 US 60 WEST HENDERSON KY</u>	YES <u>NO</u>
2 <u>Kenny & Judy Overton</u>	<u>4108 Hwy 41-A Henderson, KY</u>	YES <u>NO</u>
3 <u>Doc Miller</u>	<u>810 US 41 SO Henderson KY</u>	YES <u>NO</u>
4 <u>Bruce Skupley</u>	<u>1115th St Henderson KY</u>	<u>YES</u> NO
5 <u>Leo Mattingly</u>	<u>4785 Hwy 129 Henderson KY</u>	YES <u>NO</u>
6 <u>John Pruitt</u>	<u>7755 Pruitt Asner Rd Henderson KY</u>	YES <u>NO</u>
7 _____	_____	YES NO
8 _____	_____	YES NO
9 _____	_____	YES NO
10 _____	_____	YES NO

5

PUBLIC MEETING - SIGN-IN SHEET

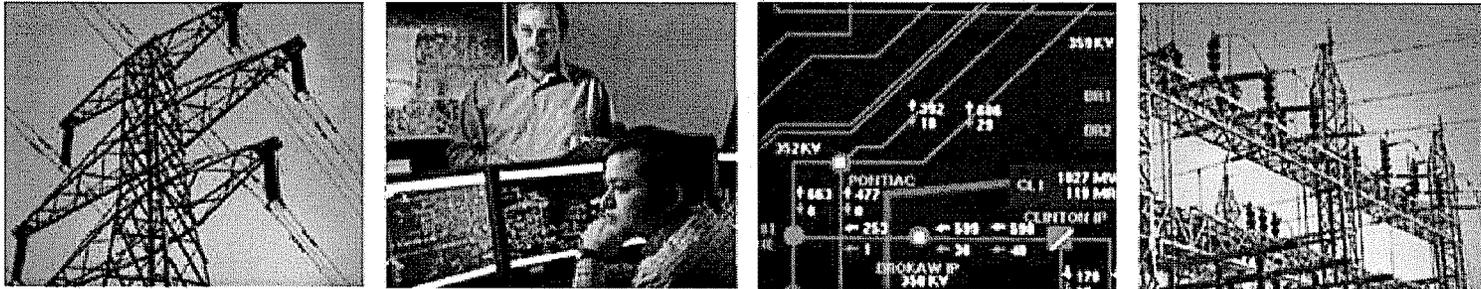
Vectren Corp. – Case No. 2010-00223

Henderson - Sept. 2, 2010

PLEASE PRINT LEGIBLY

Name	Address	DO YOU WISH TO SPEAK?	
1 <i>Julia Wischer</i>	<i>110A 2nd Street 42420</i>	YES	<input checked="" type="radio"/> NO
2		YES	NO
3		YES	NO
4		YES	NO
5		YES	NO
6		YES	NO
7		YES	NO
8		YES	NO
9		YES	NO
10		YES	NO

Gibson-AB Brown-Reid 345 kV Regional Transmission Project



Henderson, KY
September 2, 2010

Midwest ISO Grid Operations

- Generation Capacity
 - 144,132 MW
- Historic Peak Load
(set July 31, 2006)
 - 116,030 MW
- 56,300 miles of transmission
- 13 states, 1 Canadian province



Regional Grid Planner/Operator

- We analyze and recommend improvements for our footprint
- And also for ties to other areas in coordination with our neighbors

The Proposed Transmission Line

- Recommended for our Regional Plan in 2007
- A 66 Mile 345 thousand volt transmission line (17 miles within Kentucky) that strengthens the regional transmission grid
- Originates at Gibson Station in Indiana and terminates at the Reid Station owned by Big Rivers Energy Cooperative

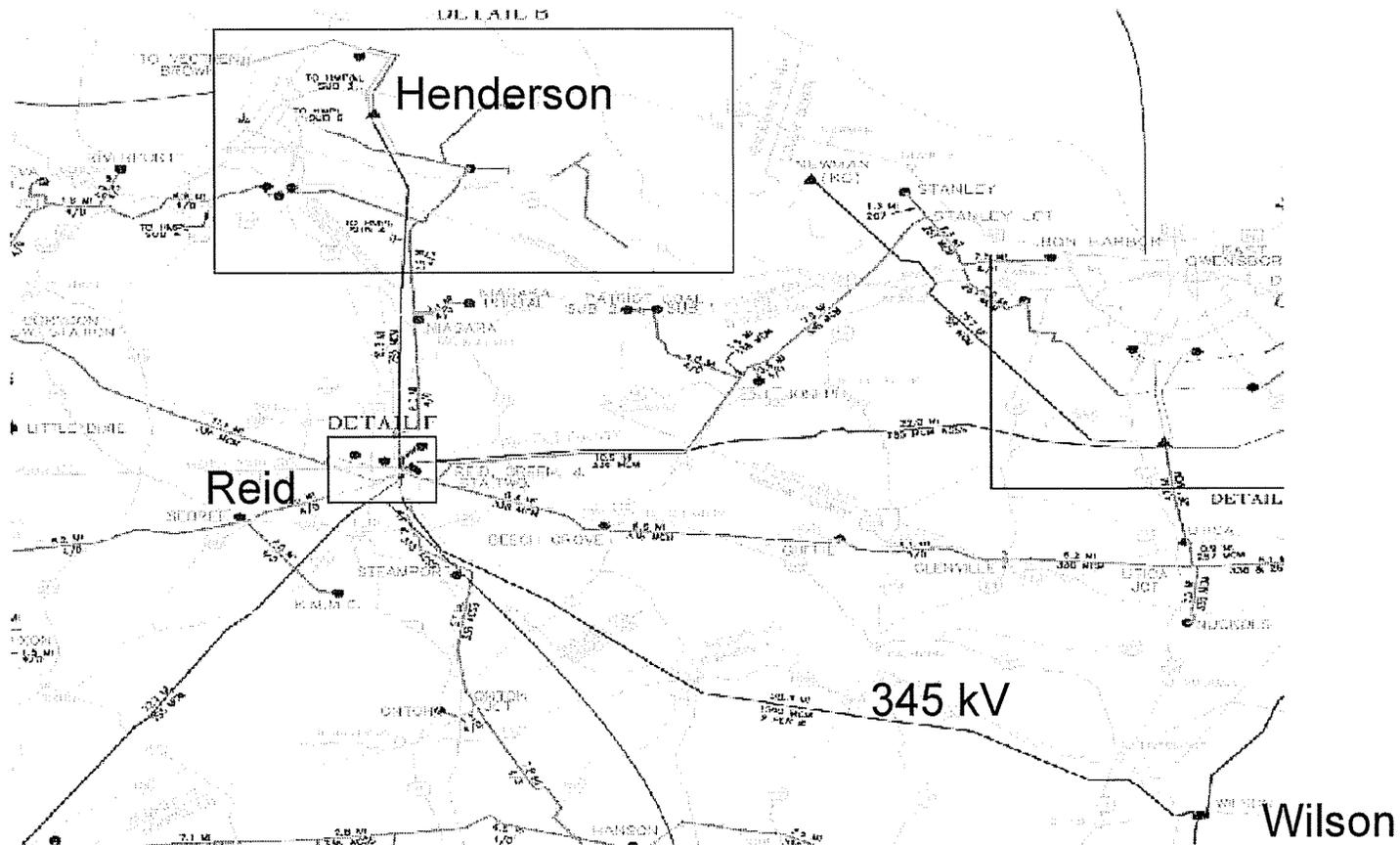
Benefits of Regional Transmission

- Strengthens the system so that it can handle unexpected loss of existing transmission facilities
- Improves ties between areas so that additional power is available when local area generation is forced off-line in either area
- Provides more opportunities to buy and sell power – reducing customer purchased power costs, and increasing revenues when local low cost power is available for sale

Strengthening the Grid

- Limited high voltage ties between Kentucky and Indiana/Ohio grids (almost all in the Louisville area – none in NW Kentucky)
- This has created problems for both the Midwest ISO and the Kentucky grid reliability

Existing Grid – Risks to Kentucky



- Area supply normally reliable
- Loss of Kentucky area generation and transmission have required opening ties to Kentucky
- Northwest Kentucky customers at risk for low voltage conditions that can impact customer operations
- At times over the past several years during unusual circumstances, Kentucky utilities have been on generation alerts (Energy Emergency Alerts) meaning that no additional local generation is available

Support from Proposed Line

- Studies show that the proposed transmission line can provide up to a 12% increase in local area voltages
- Area voltages as low as 87% occurring in the Northwest Kentucky area for severe local Kentucky Generation and Transmission equipment failures can be improved to near normal with this project
- Such low voltages if could impact operations of local commercial and industrial facilities

Enabling Power Exchange

- Addition of the only 345 kV tie between Northwest Kentucky and the Midwest ISO will enable additional power exchange between the areas
- New tie will increase power transfer capability by 140 MW from the Midwest ISO to Kentucky, and by about 535 MW from Kentucky to the Midwest ISO
- Will ensure generation is available during local generation emergencies
- Will enable Kentucky to take advantage of lower cost power purchases, including renewable energy purchases
- Substantial increase in export capability will enable sales of low cost Kentucky generation with reduced local revenue requirements

To Sum Up

- The proposed 345 kV project is an important addition to the regional high voltage grid
- The project benefits both Northwest Kentucky area customers and Midwest ISO customers by improving grid strength and power exchange flexibility
- And these benefits come at no investment cost to the Kentucky ratepayers

Kentucky transmission Line Siting Model

For

Brown – Reid Transmission Line

presented by

Jesse Glasgow

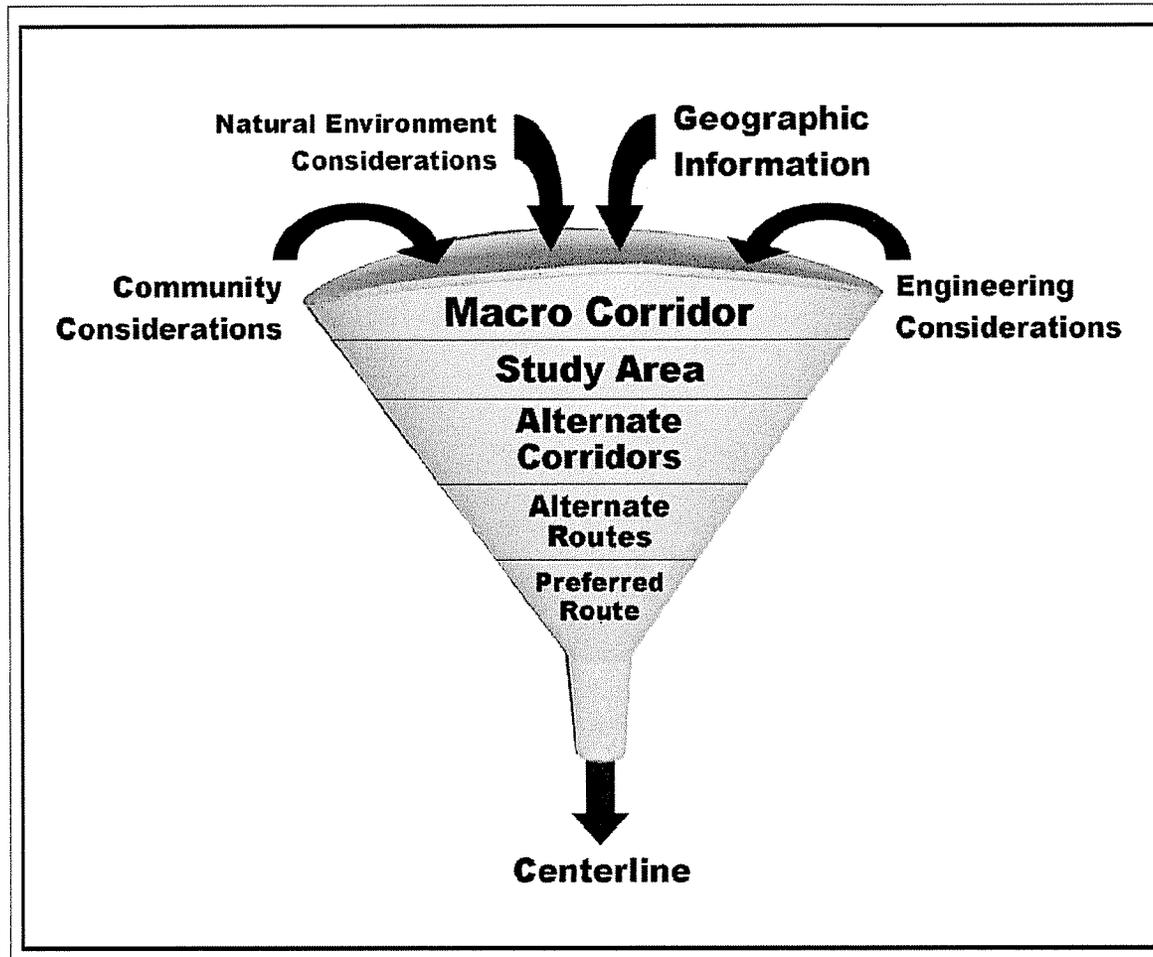
September 2, 2010

EPRI-GTC Transmission Line Siting Methodology

- Developed 1999-2004
- Kentucky Model calibrated in 2006
- Used by 14 companies in 7 states to site \$1Billion in infrastructure
- Guideline



Corridor Analysis Funnel



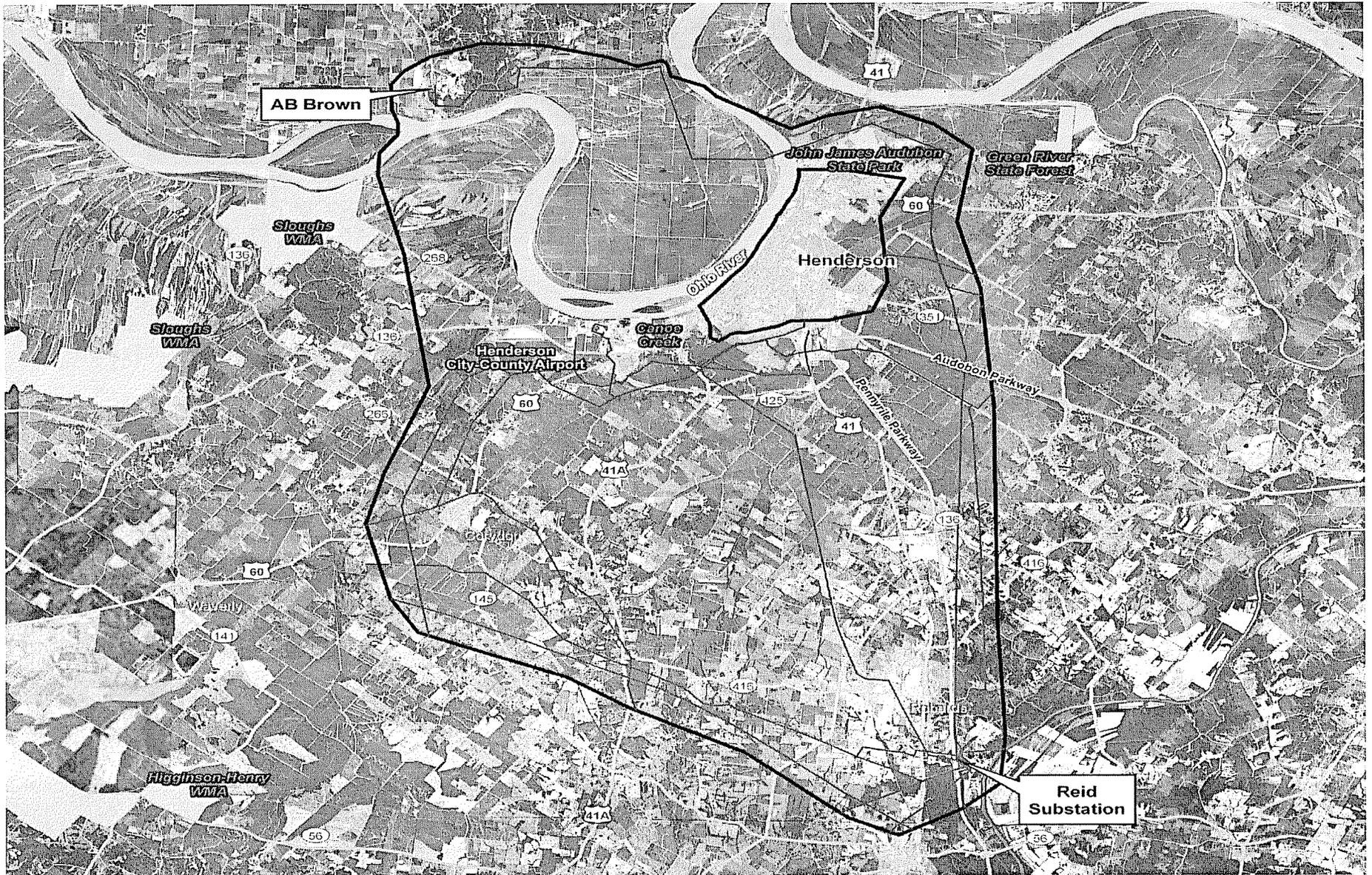
Kentucky Stakeholder Workshop

- E.ON U.S.
- Fayette County Neighborhood Council
- Kentucky Cabinet for Economic Development
- Kentucky Farm Bureau
- Kentucky Heritage Council
- Kentucky League of Cities
- Kentucky Nursery and Landscape Association
- Office of State Archaeology
- Preservation Kentucky
- American Electric Power
- Big Rivers Electric Corporation
- Cinergy Corporation
- Columbia Gas Transmission
- East Kentucky Power Cooperative
- Kentucky Geological Survey
- Kentucky Transportation Cabinet
- U.S. Department of Defense
- Kentucky Chapter of the Sierra Club
- Kentucky Department of Fish and Game
- Kentucky Division of Conservation
- Kentucky Division of Water
- Kentucky Heartwood
- Kentucky Resources Council / Kentuckians for the Commonwealth
- Kentucky State Nature Preserves Commission
- Kentucky State Nature Preserves Commission
- U.S. Fish and Wildlife Service
- U.S. Forrest Service

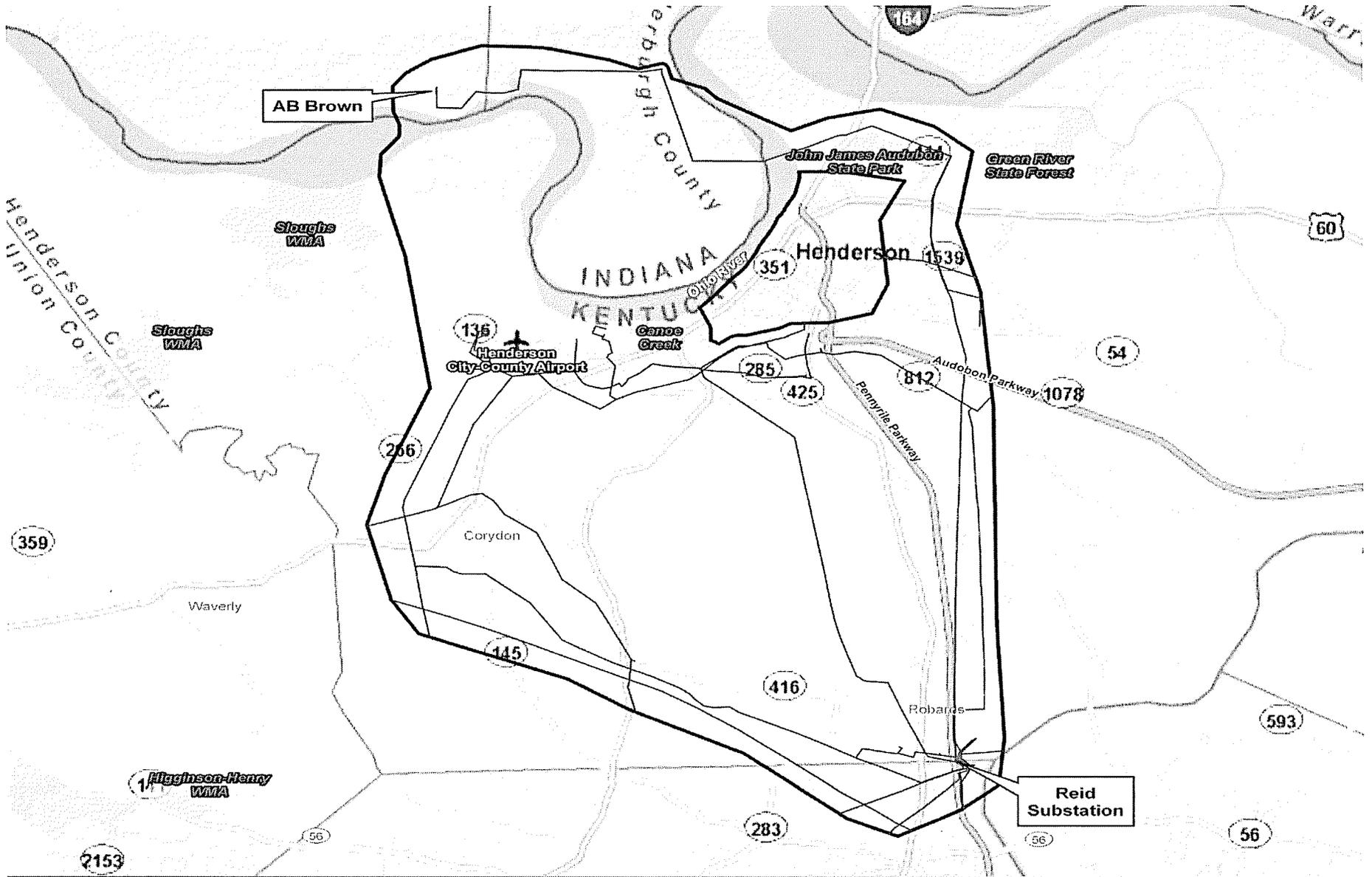
Alternative Corridor Model

Kentucky Transmission Line Siting Model

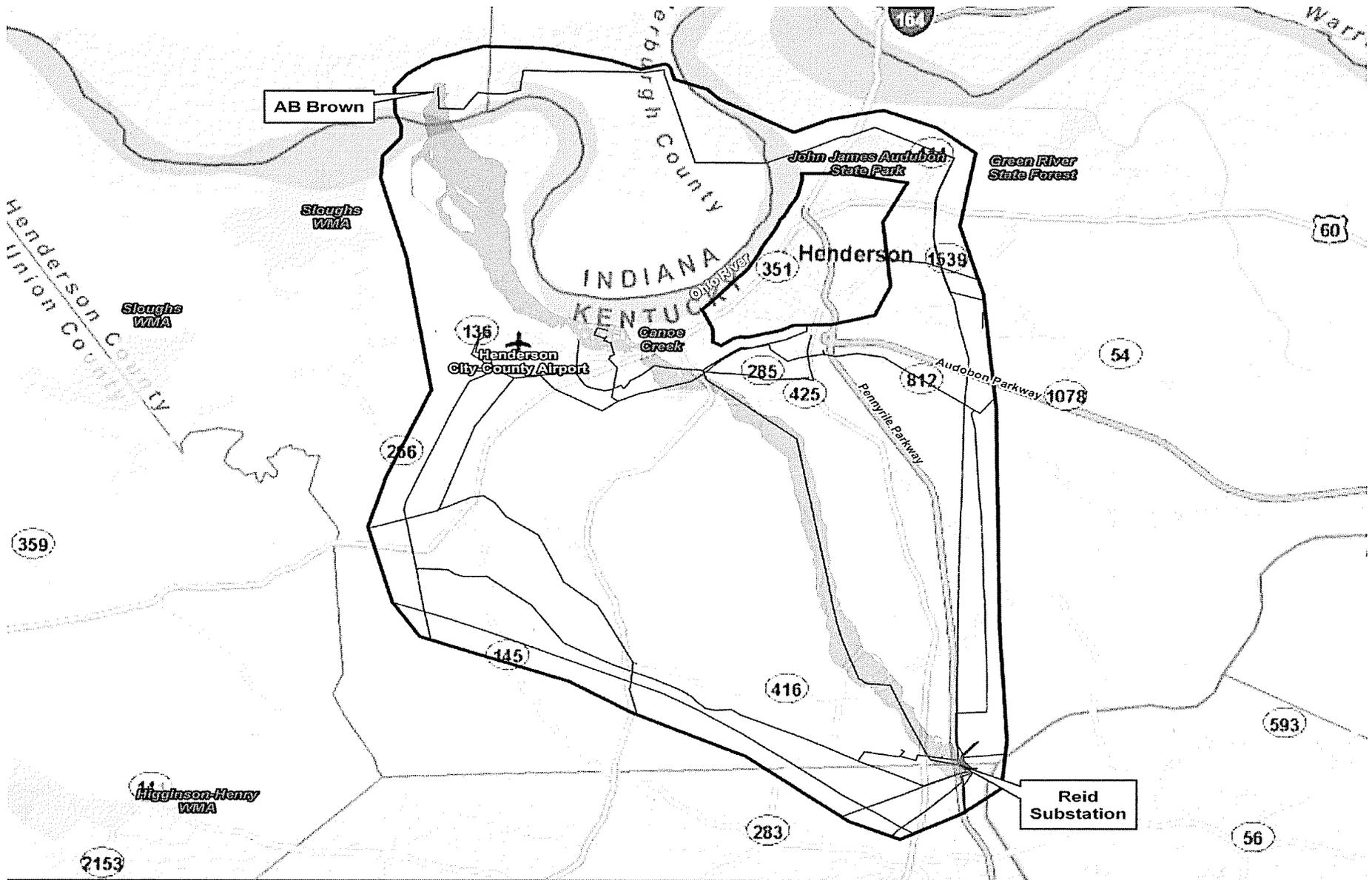
Co-location / Engineering		Natural Environment		Built Environment			
Linear Infrastructure	86.2%	Floodplain	4.6%	Proximity to Buildings	16.8%	Proximity to Eligible Historic and Archeological Sites	31.0%
Parallel Existing Transmission Lines	1	Background	1	Background	1	Background	1
Rebuild Existing Transmission Lines (good)	2.2	100 Year Floodplain	9	900-1200	3.4	900-1200	4.6
Background	4.4	Streams/Wetlands	29.2%	600-900	5.7	600-900	7.9
Parallel Interstates ROW	4.7	Background	1	300-600	8	0-300	8.6
Parallel Roads ROW	5.4	Streams < 5cfs+ Regulatory Buffer	6.2	0-300	9	300-600	9
Parallel Pipelines	5.6	Rivers/Streams > 5cfs+ Regulatory Buffer	7.1	Building Density	8.4%	AVOIDANCE AREAS	
Future DOT Plans	5.6	Wetlands + 30' Buffer	8.7	0 - 0.05 Buildings/Acre	1	Listed Archaeology Sites & Dist.	
Parallel Railway ROW	6.1	Outstanding State Resource Waters	9	0.05 - 0.2 Buildings/Acre	3	Listed NRHP Districts and Buildings	
Road ROW	7.2	Public Lands	17.7%	0.2 - 1 Buildings/Acre	5.6	City and County Parks	
Rebuild Existing Transmission Lines (bad)	8.6	Background	1	1 - 4 Buildings/Acre	8.5	Day Care Parcels	
Scenic Highways ROW	9	WMA - Not State Owned	5.1	> 4 Buildings/Acre	9	Cemetery Parcel s	
Slope	13.8%	USFS (proclamation area)	6.2	Proposed Development	3.9%	School Parcels (K-12)	
Slope 0-15%	1	Other Conservation Land	7.8	Background	1	Church Parcels	
Slope 15-30%	4	USFS (actually owned)	9	Proposed Development	9		
Slope 30-40%	6.7	State Owned Conservation Land	9	Spannable Lakes and Ponds	4.0%		
Slope >40%	9	Land Cover	19.8%	Background	1		
AVOIDANCE AREAS		Developed Land	1	Spannable Lakes and Ponds	9		
Non-Spannable Waterbodies		Agriculture	4.6	Land Use	35.9%		
Mines and Quarries (Active)		Forests	9	Commercial/Industrial	1		
Buildings		Wildlife Habitat	28.7%	Agriculture (crops)	3.5		
Airports		Background	1	Agriculture (other livestock)	4.6		
Military Facilities		Species of Concern Habitat	9	Silviculture	6		
Center Pivot Irrigation		AVOIDANCE AREAS		Other (forest)	6.7		
		EPA Superfund Sites		Equine Agri - Tourism	8		
		State and National Parks		Residential	9		
		USFS Wilderness Area					
		Wild/Scenic Rivers					
		Wildlife Refuge					
		State Nature Preserves					
		Designated Critical Habitat					



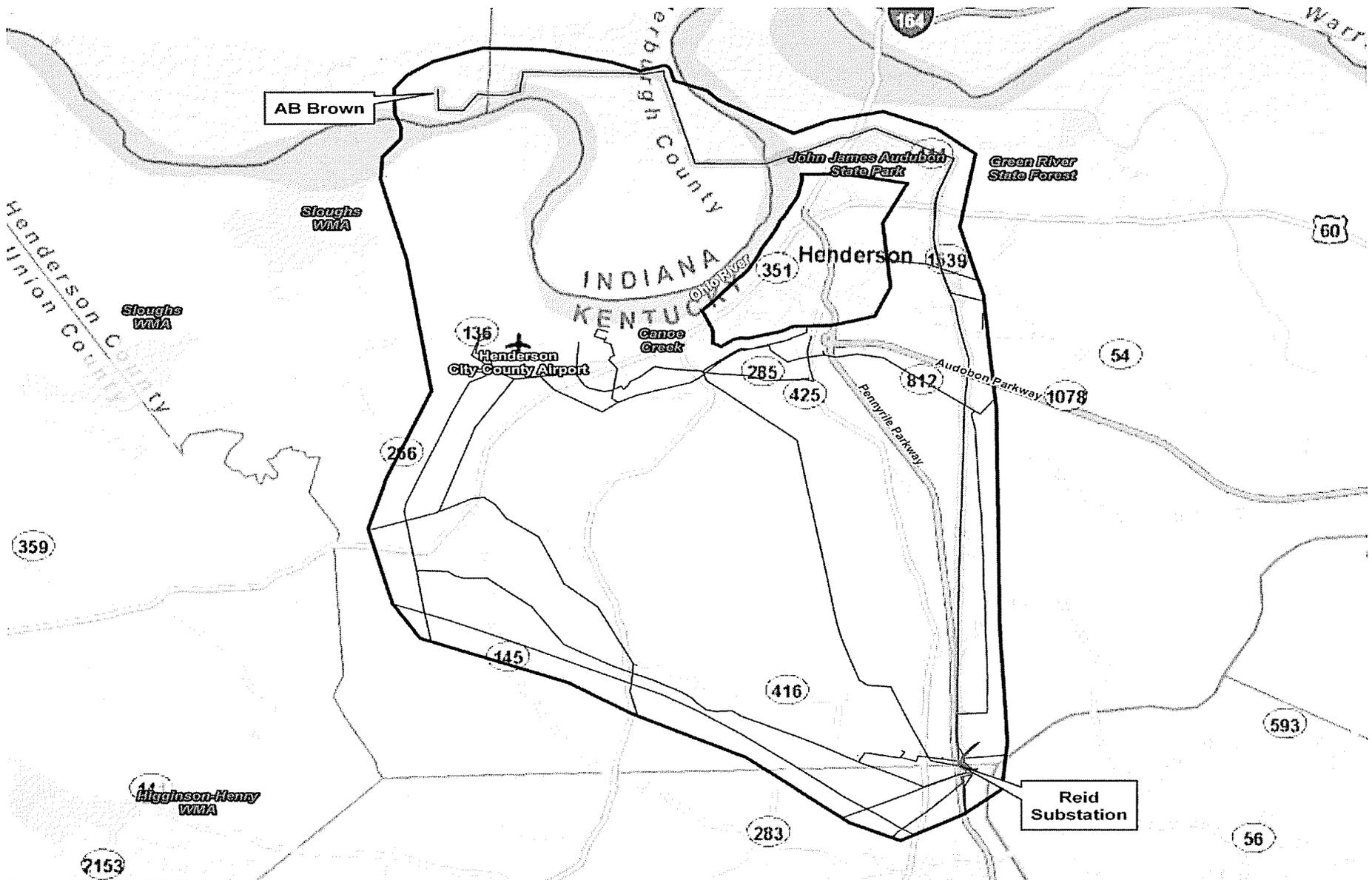
**Study
Area**



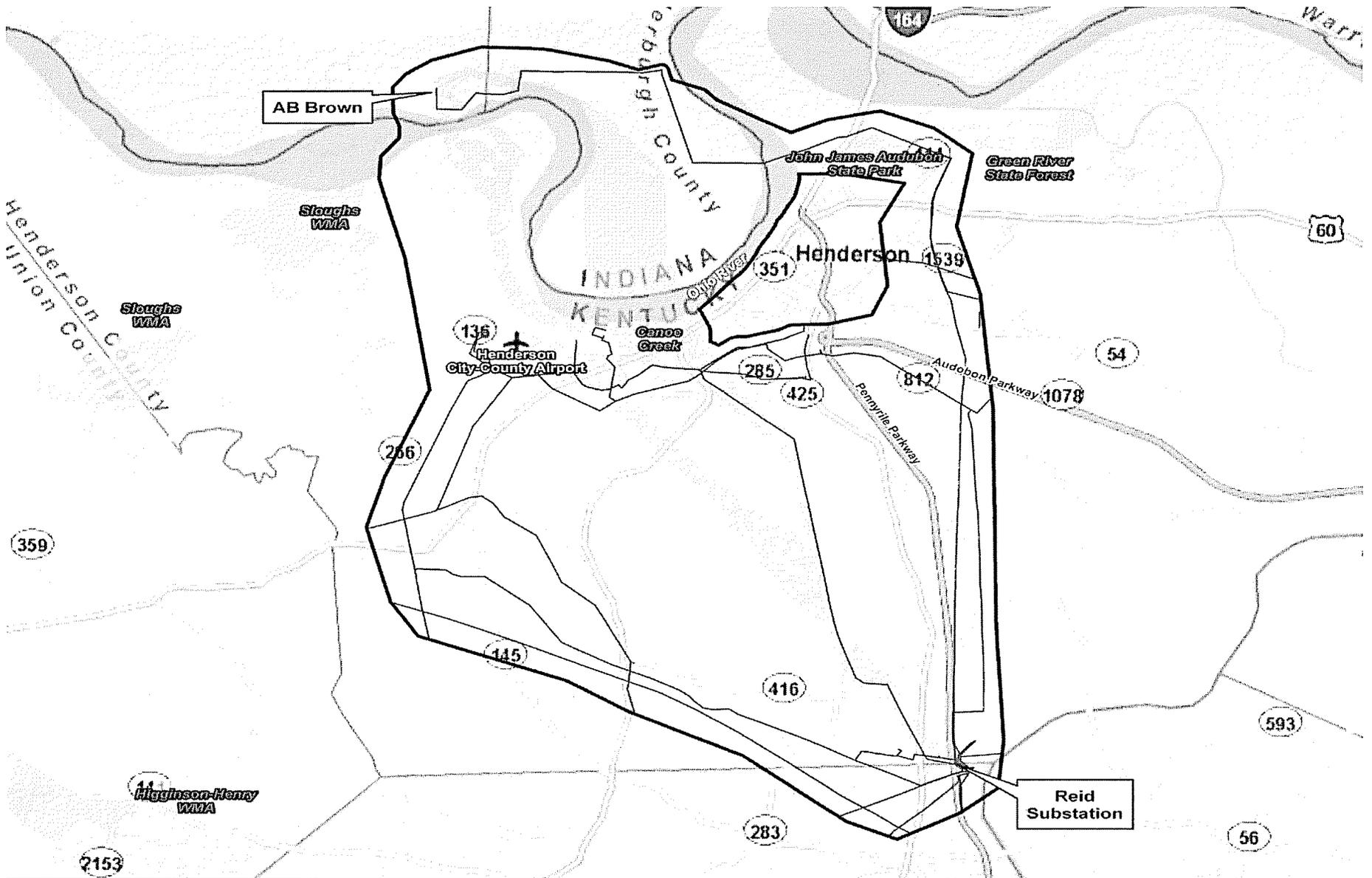
Study Area



Built Corridor

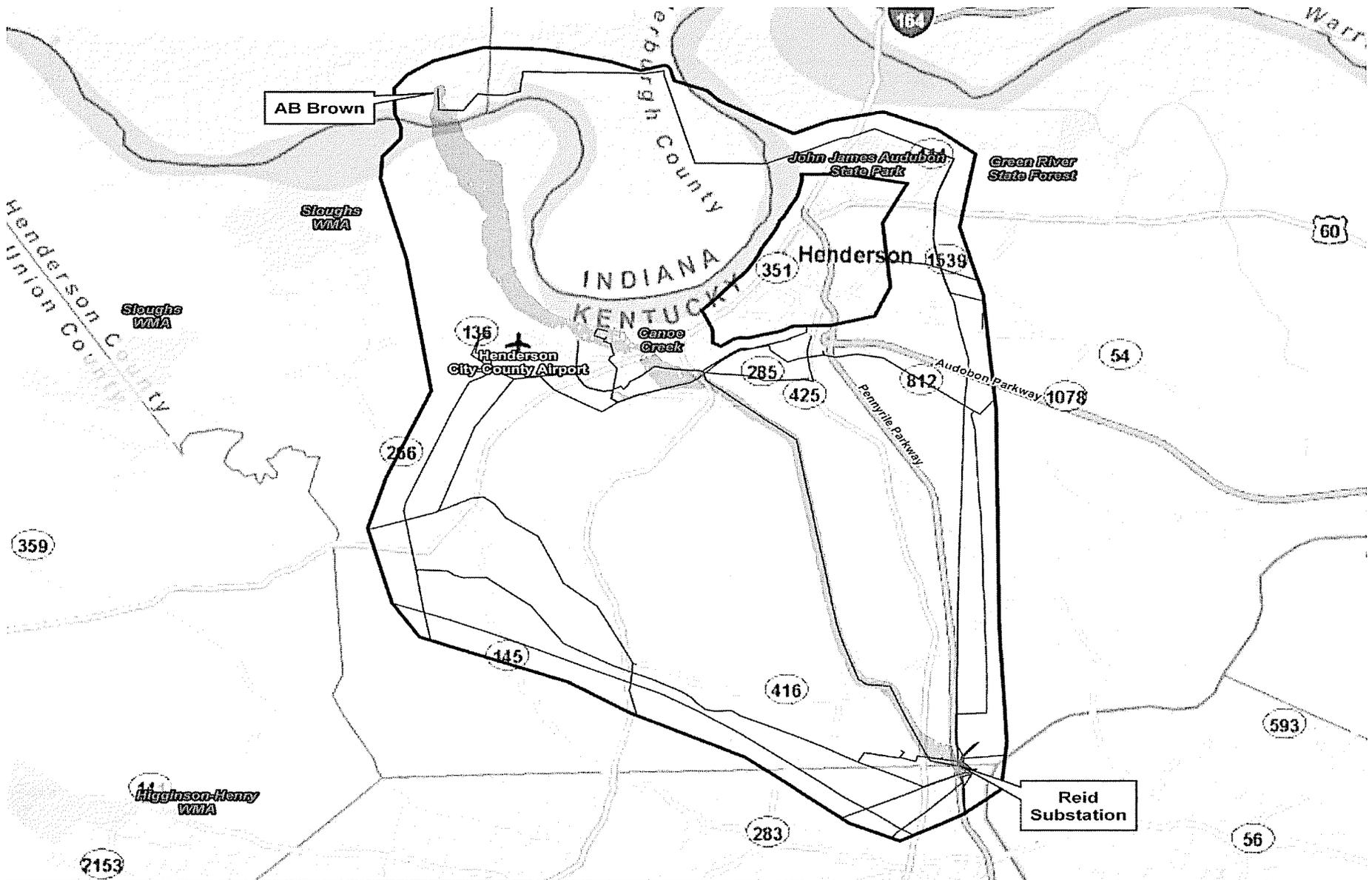


Engineering Corridor

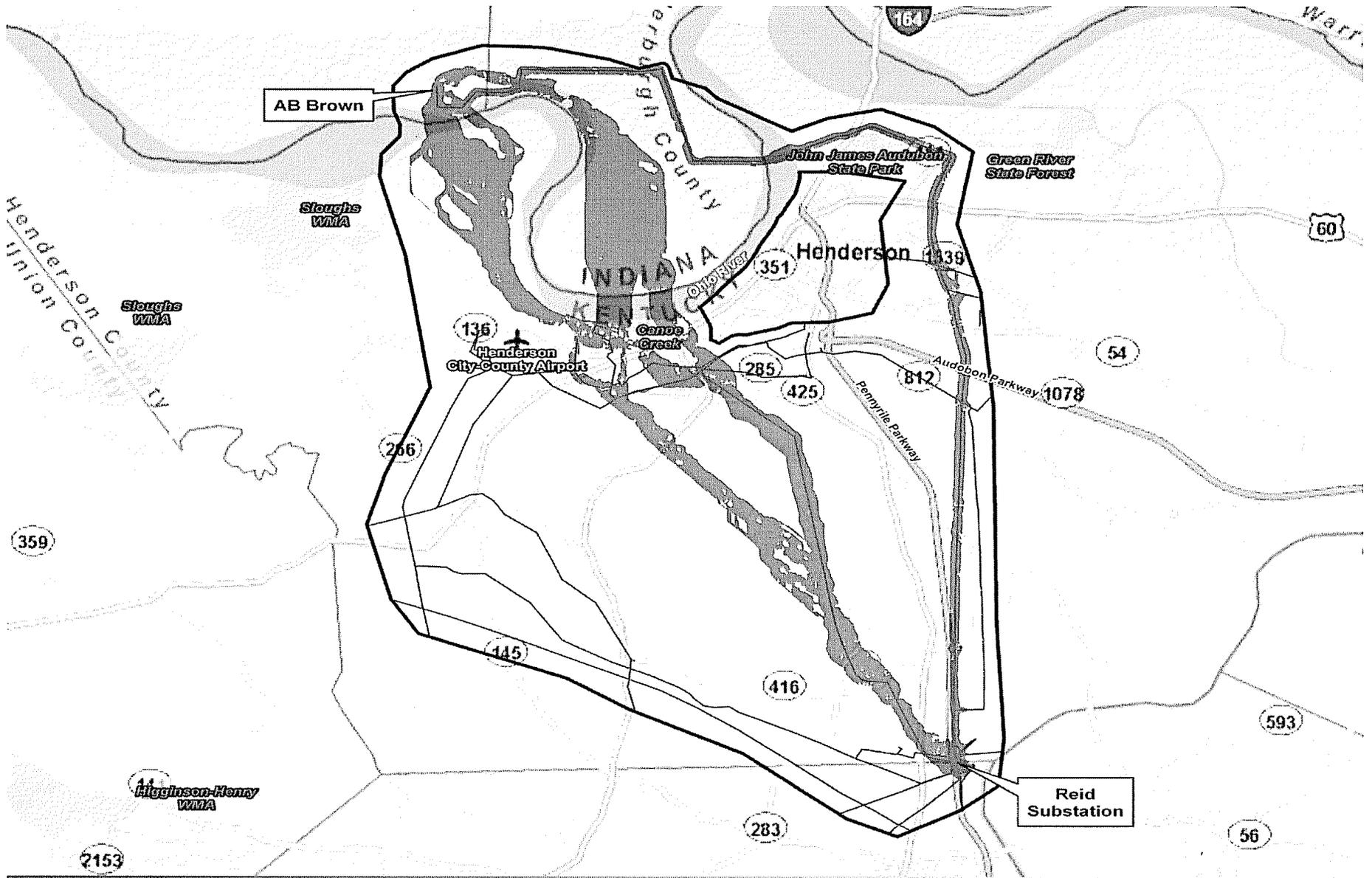


AB Brown

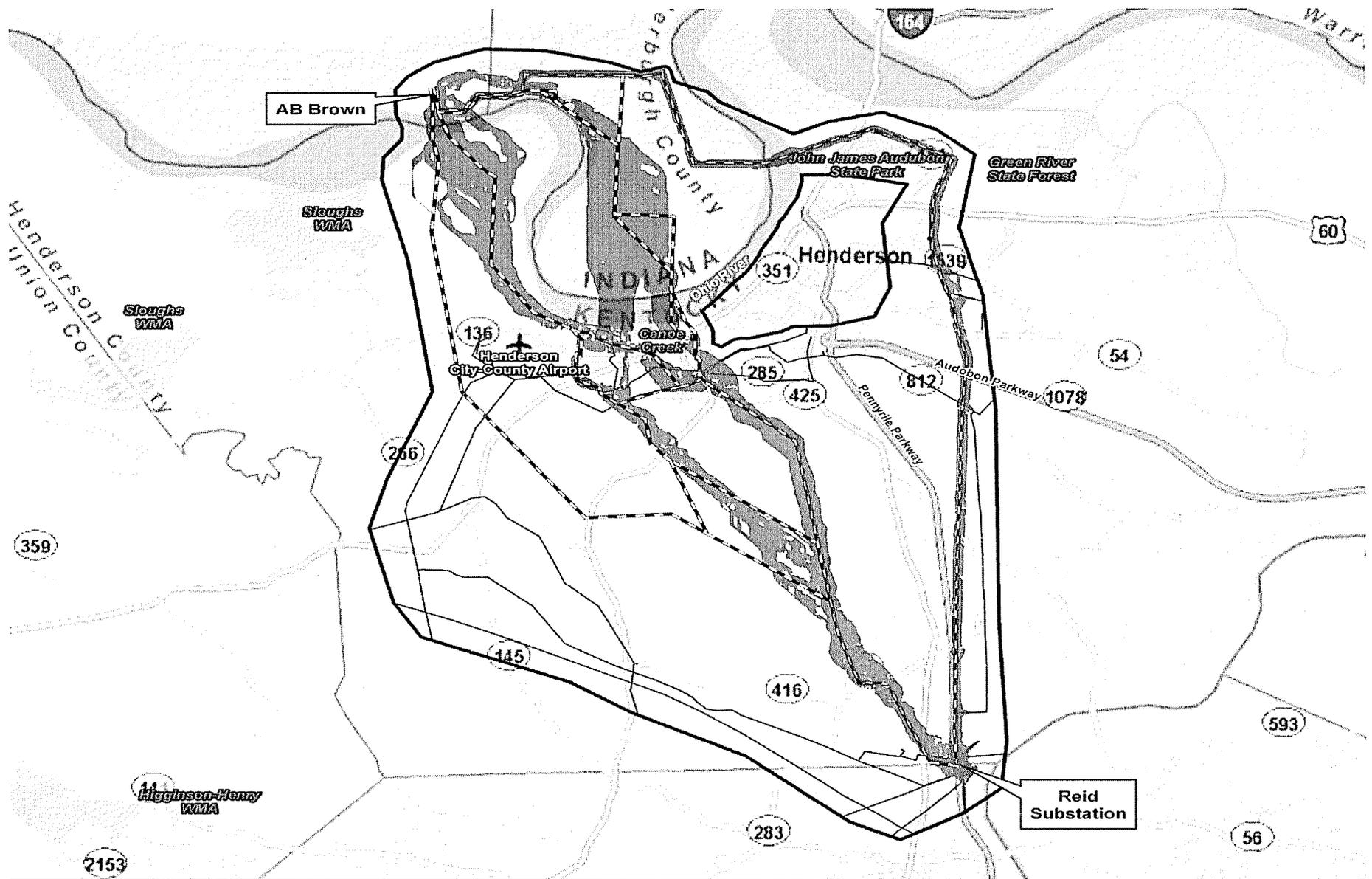
Reid Substation



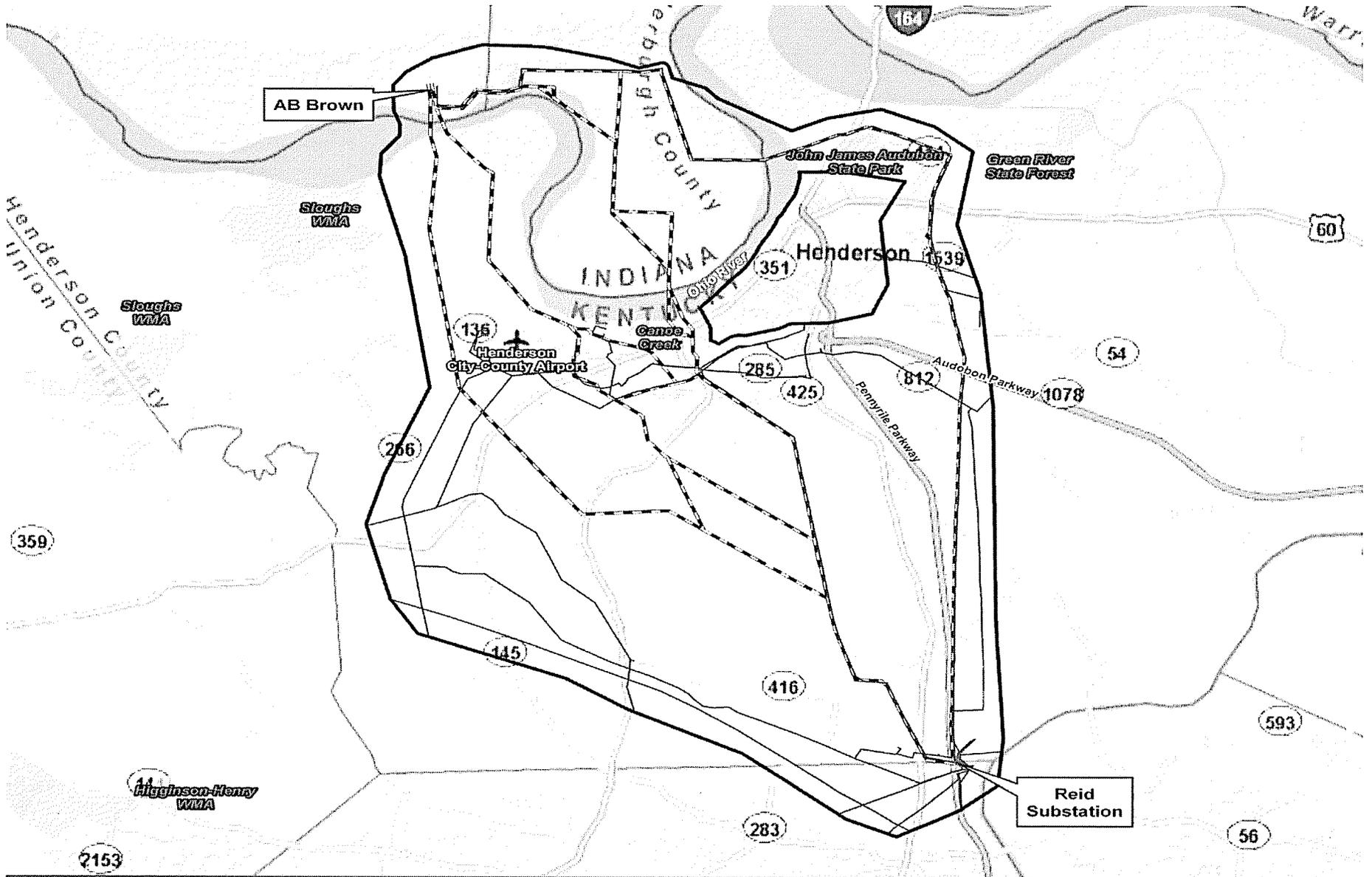
Simple Average Corridor



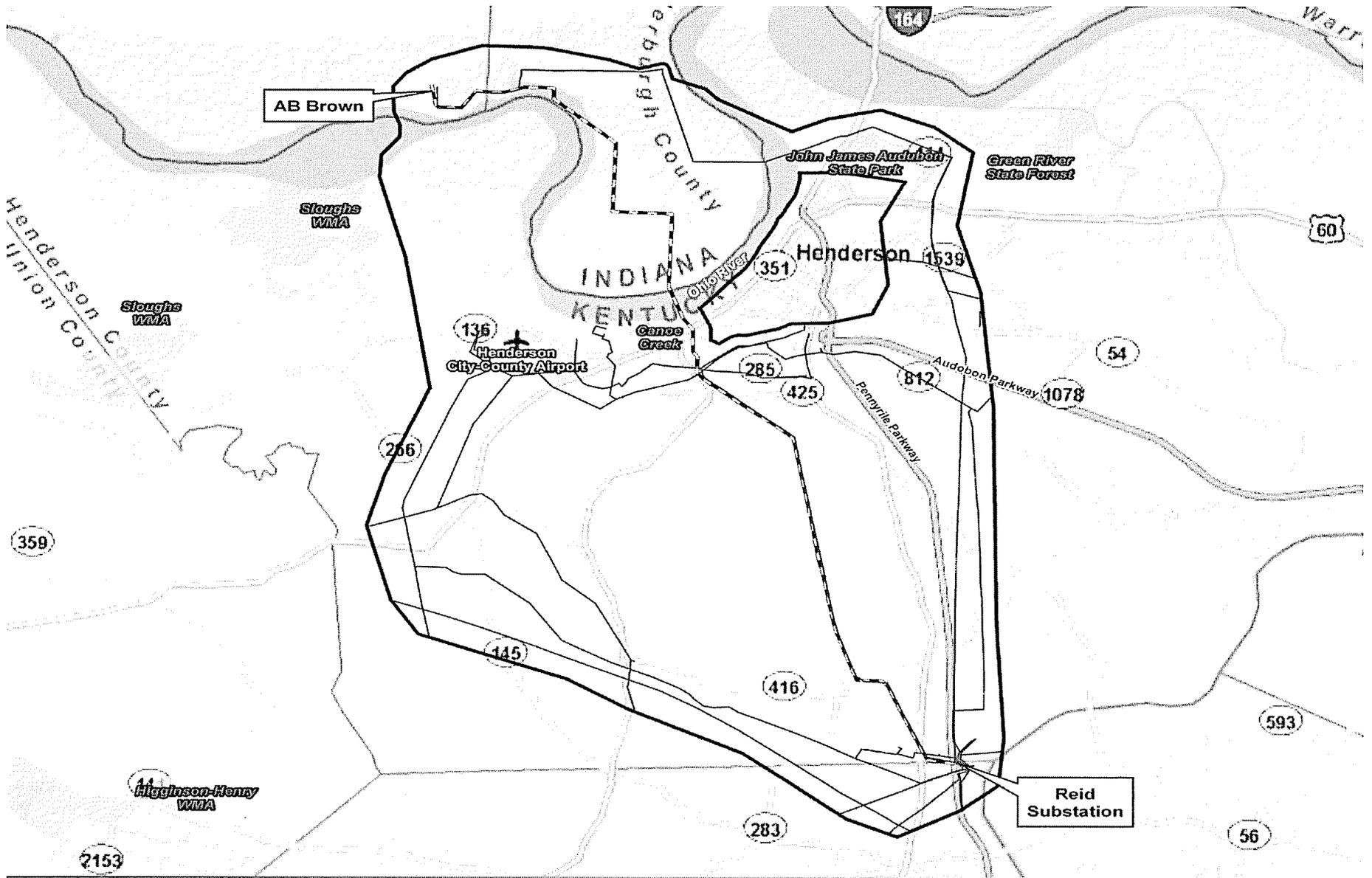
Composite Corridor



Composite Corridor with Alternate Routes

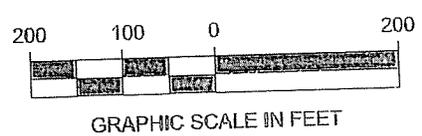
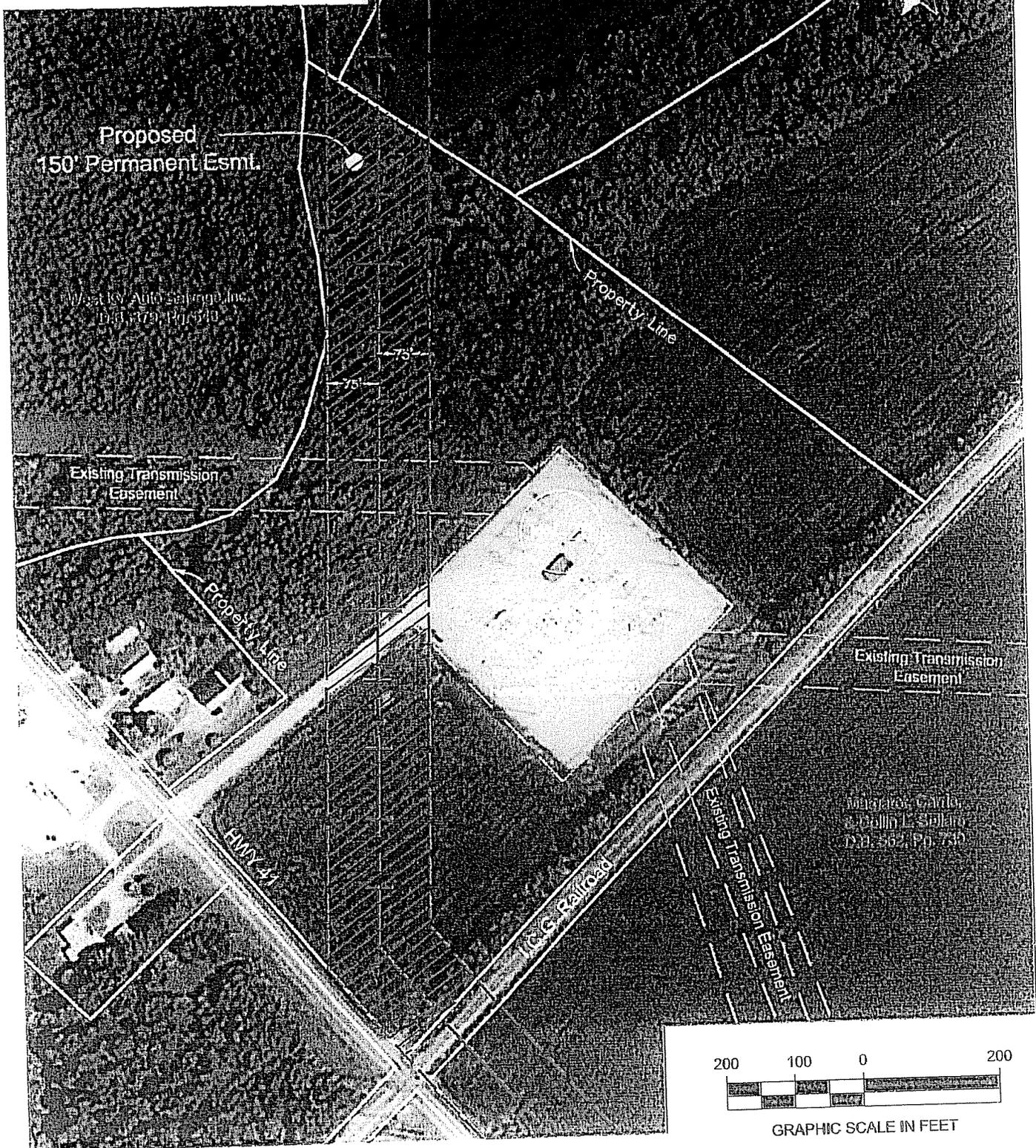
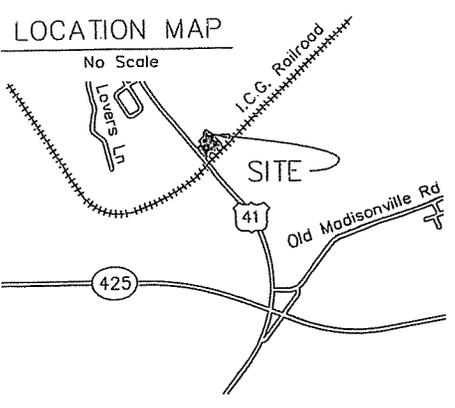


Alternate Routes



**Preferred
Route**

RECEIVED BY HMP
On 8/25/2010 3:32 PM



NOTES

This plat does not represent a boundary survey & the corners shown hereon are not verified. No survey was performed in the preparation of this exhibit.

LEGEND **DRAFT**
8-24-10

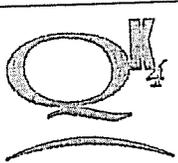
- (XX) Parcel Number
- [Hatched Box] Proposed Easement

TRANSMISSION EASEMENT



BROWN-REID
345KV TRANSMISSION LINE
TAX MAP # 46-175
DEED BOOK 229, PAGE 632

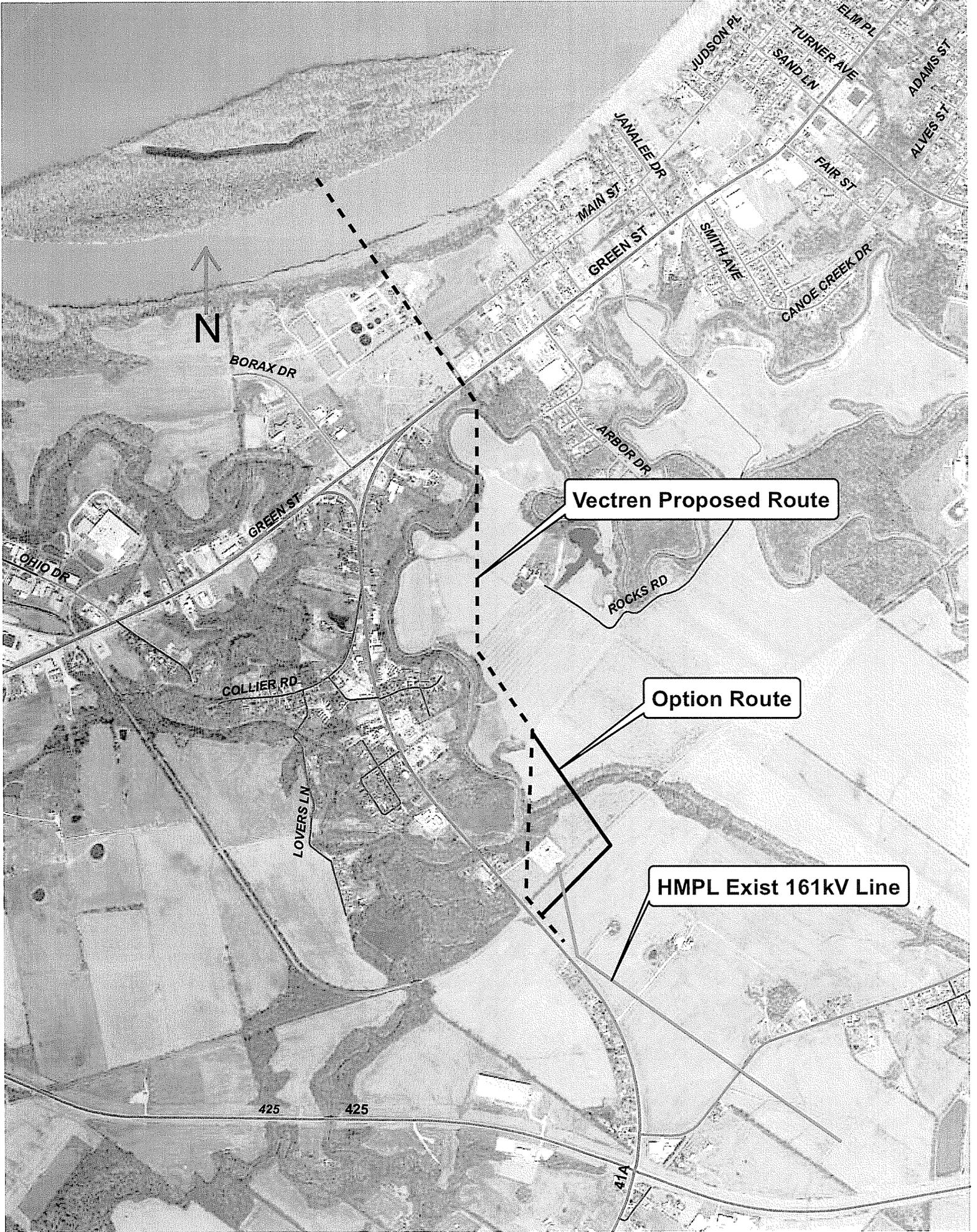
HENDERSON COUNTY, KENTUCKY



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SCALE 1"=200' PROJ. # 08700 DATE: JUNE 2010 KY-20



N

Vectren Proposed Route

Option Route

HMPL Exist 161kV Line

BORAX DR

GREEN ST

COLLIER RD

LOVERS LN

ROCKS RD

ARBOR DR

GREEN ST

MAIN ST

JANALEE DR

JUDSON PL

TURNER AVE

SAND LN

FAIR ST

ADAMS ST

ALVES ST

SMITH AVE

CANOE CREEK DR

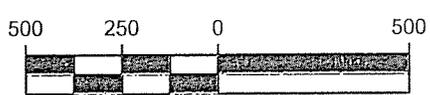
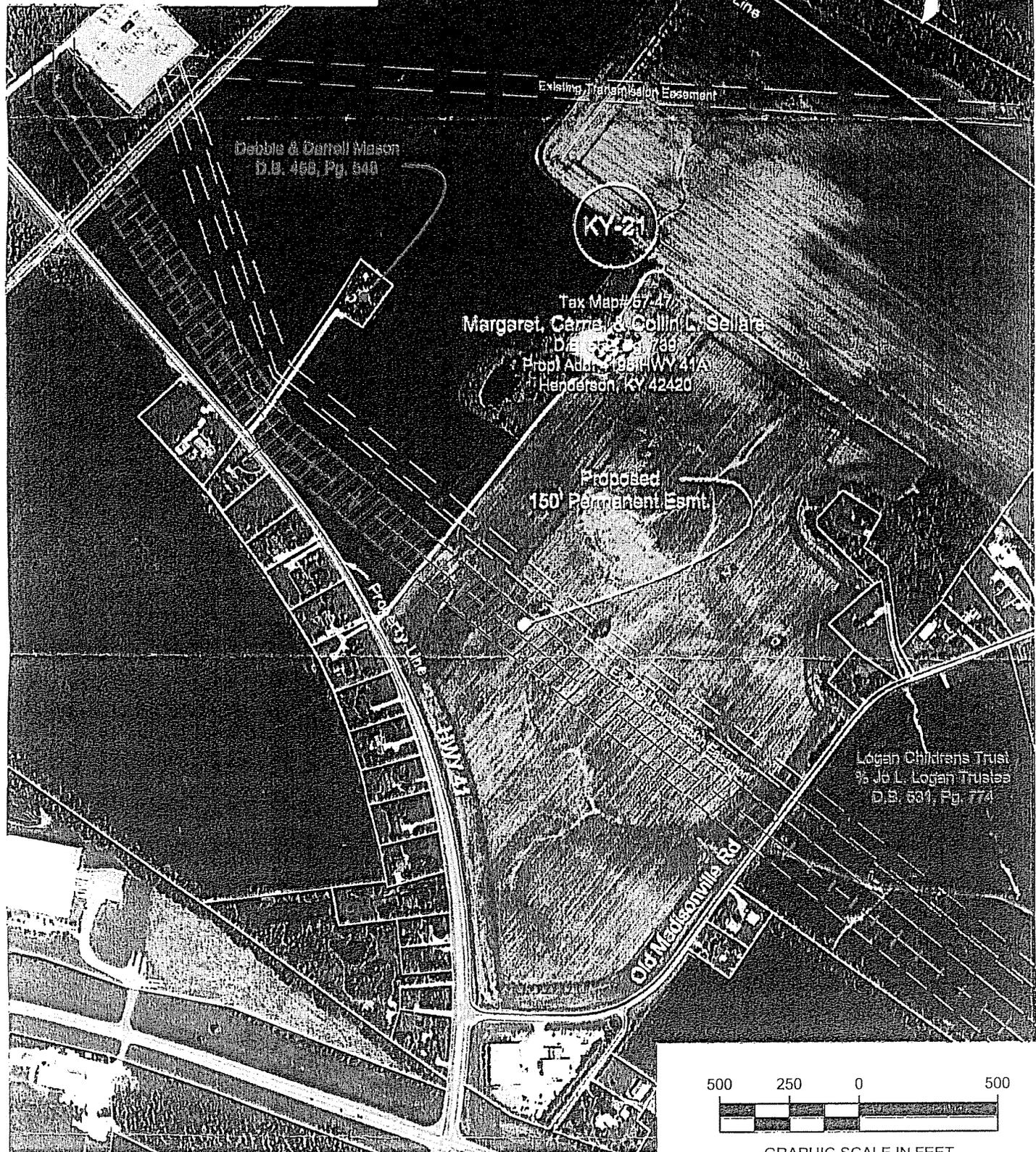
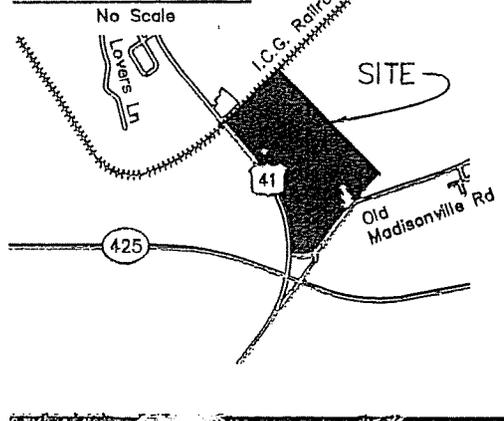
ELM PL

425

425

41A

LOCATION MAP



GRAPHIC SCALE IN FEET

NOTES

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LEGEND

-  Parcel Number
-  Proposed Easement

TRANSMISSION EASEMENT



BROWN-REID
 345KV TRANSMISSION LINE
 TAX MAP# 57-47
 DEED BOOK 552, PAGE 739
 MAILING ADD: 3896 OLD MADISONVILLE RD
 HENDERSON, KENTUCKY 42420



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