

file

American Electric Power
1 Riverside Plaza
Columbus, OH 43215-2373
614 223 1000

0001 42

RECEIVED

MAR 22 1996

DOCKETING DIVISION
Public Utilities Commission of Ohio



March 22, 1996

96-290-EL-BLN

Mr. Craig A. Glazer, Chair
State of Ohio
Public Utilities Commission
180 East Broad Street
Columbus, OH 43266-0573

Letter of Notification
Shepler-AGA 138KV Line

Dear Mr. Glazer:

In accordance with Chapter 4906-15-12 of the Power Siting Board Rules and Regulations, Ohio Power Company hereby submits a Letter of Notification for the proposed Shepler-AGA 138KV Line. Enclosed are one original and 11 copies of the Letter of Notification.

As requested by Rule 4906-15-12(C)(9), we have submitted a copy of this Letter of Notification to the political subdivisions immediately affected by the proposed project. Copies of the Letter of Notification have been sent by Certified Mail to the Stark County Commissioners, Canton Township Trustees and City of Canton Mayor. The cover letter accompanying these mailings is attached for your file.

The schedule dictated by our customer does not enable us to complete our engineering and environmental assessment in time to meet the 90 day notice requirement of rule 4906-15-12 (B). Accordingly, we request a waiver of this 90 day notice requirement so we can start our construction in time to meet our customer needs.

Cordially,

OHIO POWER COMPANY

J. E. Schrader
J. E. Schrader
AEP - Transmission Engineering

Enclosures

This is to certify that the images appearing are an accurate and complete reproduction of a case file document delivered in the regular course of business.
Technician *Joan Schaeffer* Date Processed *3-25-96*

American Electric Power
1 Riverside Plaza
Columbus, OH 43215 2373
614 223 1000



CERTIFIED

March 22, 1996

Stark County Commissioners
200 W. Tuscarawas Street
Canton, Ohio 44702

Letter of Notification
Shepler-AGA 138KV Line

Dear Commissioners:

In accordance with Chapter 4906 of the Ohio Administrative Code, the Ohio Power Company is required to submit a Letter of Notification to the State of Ohio Power Siting Board whenever a substantial change is made to our transmission facilities.

Ohio Power Company is planning to build 0.4 mile of new 138 kV transmission line to serve AGA Gas Inc. in conjunction with the Timken Company Plant.

In compliance with Rule 4906-15-12(C) of the OPSB Rules and Regulations, we have prepared and filed the attached Letter of Notification. This Notification contains details on the line location, structure type and construction schedule, and is hereby submitted for your information.

Cordially,

OHIO POWER COMPANY


J. E. Schrader
AEP - Transmission Engineering

enc.

cc: Power Siting Board
Mayor - City Of Canton
Canton Township Trustees

American Electric Power
1 Riverside Plaza
Columbus, OH 43215 2373
614 223 1000



CERTIFIED

March 22, 1996

Mr. Watkins - Mayor, City of Canton
City Hall
Canton, Ohio 44701

Letter of Notification
Shepler-AGA 138 KV Line

Dear Mr. Watkins:

In accordance with Chapter 4906 of the Ohio Administrative Code, the Ohio Power Company is required to submit a Letter of Notification to the State of Ohio Power Siting Board whenever a substantial change is made to our transmission facilities.

Ohio Power Company is planning to build 0.4 mile of new 138 kV transmission line to serve AGA Gas Inc. in conjunction with the Timken Company Plant.

In compliance with Rule 4906-15-12(C) of the OPSB Rules and Regulations, we have prepared and filed the attached Letter of Notification. This Notification contains details on the line location, structure type and construction schedule, and is hereby submitted for your information.

Cordially,

OHIO POWER COMPANY

A handwritten signature in cursive script, reading 'J. E. Schrader', is positioned above the typed name.

J. E. Schrader
AEP - Transmission Engineering

enc.

cc: Power Siting Board
Stark County Commissioners
Canton Township Trustees

American Electric Power
1 Riverside Plaza
Columbus, OH 43215 2373
614 223 1000



CERTIFIED

March 22, 1996

Canton Township Trustees
4711 Central Avenue S.E.
Canton, OH 44707

Letter of Notification
Shepler-AGA 138KV Line

Dear Trustees:

In accordance with Chapter 4906 of the Ohio Administrative Code, the Ohio Power Company is required to submit a Letter of Notification to the State of Ohio Power Siting Board whenever a substantial change is made to our transmission facilities.

Ohio Power Company is planning to build 0.4 mile of new 138 kV transmission line to serve AGA Gas Inc. in conjunction with the Timken Company Plant.

In compliance with Rule 4906-15-12(C) of the OPSB Rules and Regulations, we have prepared and filed the attached Letter of Notification. This Notification contains details on the line location, structure type and construction schedule, and is hereby submitted for your information.

Cordially,

OHIO POWER COMPANY

A handwritten signature in cursive script, reading "J. E. Schrader".

J. E. Schrader
AEP - Transmission Engineering

enc.

c: Power Siting Board
Stark County Commissioners
Mayor - City of Canton

Letter of Notification
for the
Shepler-AGA 138KV Line
Service to AGA Gas, Inc.

Submitted by
Ohio Power Company
to
The State of Ohio Power Siting Board
1996

Section 15-12

LETTER OF NOTIFICATION

Pursuant to Rule 4906-15-12(C) of the State of Ohio Power Siting Board Rules and Regulations, Ohio Power Company hereby submits the following information:

4906-15-12(C)

(1) Project Name and Reference Number

The name of this project is Shepler-AGA 138KV Line. This project is not identified in Ohio Power Company's 1995 Long-Term Forecast Report, because the need for the project was not known at the time the report was filed.

(2) (a) Description of this Project

This project consists of tapping the Canton Central-Timken 138KV transmission line and constructing approximately 1800 feet of single circuit 138KV line to serve two AGA Gas Inc. distribution stations in Canton, Ohio. The proposed line, which will tap the Southeast Canton - Timken 138KV Circuit (FM44), will utilize three (3) 336,400 ACSR (18/1) conductors, one (1) 7#8 Alumoweld overhead groundwire and seven (7) single pole structures.

(2) (a) Description of this Project (continued)

It also involves the removal of most of the AGA Gas 138KV Extension that was originally constructed, July, 1984 under the Letter of Notification, Case # 06-00072. All necessary right-of-way for the new line has been secured.

(2) (b) Maps Depicting Project Location

Two maps have been prepared showing the project location. Map 1, the General Location Map, indicates the area and existing electrical facilities surrounding the project. Map 2, the Detail Site Map, shows the specific location of the proposed line and structures.

(2) (c) Need for the Project

AGA Gas Inc. is constructing an additional air reduction plant in Canton, Ohio to meet increased demand from Timken Company. AGA Gas Inc. has requested this additional 138KV service for their plant expansion from Ohio Power Company to meet their electric service requirements. This new 138KV Delivery point located in Canton is shown on Map 1 & 2.

(2) (d) Reason the Project Meets Letter of Notification
Requirements

This project meets the requirements for a Letter of Notification because the extent of this project is defined by Items 1(d), of Rule 4906-1-01(U), the Transmission Line Matrix. This project consists of constructing a line which is greater than 125 KV but less than 300 KV and not greater than 2 miles in length.

(3) Project Location Relative to Existing or Proposed Lines

The location of the Shepler-AGA 138KV Line in relation to existing and proposed Transmission Lines is shown on Maps 1 and 3. Map 3 is a reduced copy of Ohio Power Company's Transmission System as of December 31, 2004, as submitted to the Public Utility Commission of Ohio in our 1994 Long-Term Forecast Report. The proposed 138 KV project has been circled for easy identification.

The Southeast Canton - Timken 138KV Circuit is adjacent to the AGA Gas Inc. Plant and serves the existing AGA Gas Plant. The construction of this new service will require the removal of most of the existing 138KV service to AGA Gas Inc.

(4) Reference in the Long-Term Forecast

This project is not referenced in Ohio Power Company's 1995 Long-Term Forecast Report as the need for this project was not known at the time the report was filed.

(5) Anticipated Construction Schedule

Construction of the new line is expected to begin in May, 1996. This project is scheduled to be completed and placed in service July, 1996.

(6) Description of Technical Features

To support the expansion at AGA Gas, it is necessary to install a pole mounted, 2-Way switch, remove the original tap point and extend the existing 138KV service to a second AGA Station. This work must be done while maintain electric service to the existing facilities. These factors require that we reconstruct the existing service as well as build a new line section for the new AGA Station as shown on Map 2. Four drawings have been prepared to show our planned construction. Fig.1 depicts the switch structure to be installed at the original tap point. Fig.2 depicts a typical tangent structure, Fig.3 depicts a dead end structure and Fig.4 depicts the tap structure for the new extension to the existing 138KV line.

(6) Description of Technical Features cont.

Three (3) 336,400 cm ACSR (18/1) conductors will be installed on the proposed line. An 80 Ft. wide right of way, 40 Ft. on each side of centerline, was secured for this project. We are also overbuilding a section of 23KV line as part of this project shown on Map 2.

(6) (a) Calculated Electric and Magnetic Field Levels

The electrical and magnetic field levels for the proposed line were calculated for one conductor configuration, see fig. 5, which represents the configuration for the entire line. The results of the calculations are shown in the following table.

		ELECTRIC FIELD		MAGNETIC FIELD	
		at 1 Meter		at 1 Meter	
		Above Ground		Above Ground	
		Center	Edge	Center	Edge
	Assumed Load In MVA	-Line	OF R/W	-Line	OF R/W
		In	In	In	In
		Kilovolt/meter		Milligauss	
Normal Maximum Loading:	30	.48	.15	4.39	2.73
Emergency Line Loading:	30	.48	.15	4.39	2.73
Winter Normal Conductor Rating:	189	.48	.15	27.66	17.20

(6) (b) Discussion of Design Alternatives

This line is located within an industrial complex and it's location is dictated by the available tap point, the existing transmission lines and the two AGA Gas Inc. distribution stations. Both the customer and the Timken Company has requested the use of single pole structures to minimize right of way requirements. We are also rebuilding a section of an existing 23KV line as part of this project to minimize the impact on the area. The above factors and the project length, limits the design alternatives.

(7) Estimated Capital Costs

The following estimated 1996 capital costs for the proposed project have been tabulated by the Federal Energy Regulatory Commission (FERC) Electric Plant Transmission Accounts:

<u>FERC Accounts</u>	<u>Estimated Capital Costs</u>
355 Poles and Fixtures	\$46,200
356 Overhead Conductors and Devices	<u>43,000</u>
Total	\$89,200

(8) Land Use

This transmission line is located in Canton, Ohio. The immediate area surrounding the project is an industrial complex consisting of the Timken Company, AGA Gas Inc., Ashland Oil, utilities and other smaller industries. Much of this area was formerly surface mined for clay.

(9) Local Officials to be Notified

Copies of this Letter of Notification have been sent by certified mail to the Board of Stark County Commissioners, Canton Township Trustees and the mayor of the City of Canton. Copies of the cover letters to these officials are attached.

(10) Additional Information

There are no unusual conditions which will result in significant environmental or social impacts from the installation and operation of this proposed 138 KV circuit.

(11) Location and Description of Existing Agricultural Districts

The line is not within the limits of an Agricultural District as defined by Chapter 929 of the Ohio Revised Code.

(12) Area Map and Project Location

Two maps have been prepared showing the project location. Map 1, the General Location Map, indicates the area and existing electrical facilities surrounding the project. Map 2, the Detail Site Map, shows the specific location of the proposed line and structures.

To view this project take Interstate Route 77 to Canton, Ohio. Exit off the Cleveland Ave. South Exit to the intersection of Cleveland Ave. South and Shepler Church Ave. (County Rd. 257). Continue southwest on Shepler Church Ave. 0.4 mile to the AGA Gas Inc. plant on the north side of the road.

(13) Archaeological and Cultural Resources

The Ohio Historic Preservation Office was contacted regarding the possible presence of archaeological or historical resources which may be affected by this project. The Society could find no known archaeological or historic resource which could be affected by this project. A copy of the Ohio Historic Preservation Office reply is attached for your reference. This area was formerly used as a surface clay mine which further precludes the possibility of archaeological and/or historic resources being found at the site.

(14) Endangered or Threatened Species

The United States Department of the Interior's Fish and Wildlife Service, the Ohio Department of Natural Resources' Division of Wildlife, and the Ohio Department of Natural Resources' Division of Natural Areas and Preserves were all contacted regarding the presence of any endangered, threatened, or rare species which may be affected by this project. None of these three organizations could find any evidence or records of endangered or threatened species located within or affected by the proposed project. A copy of the responses from the U.S. Fish and Wildlife Service, ODNR Division of Wildlife, and the ODNR Division of Natural Areas and Preserves are attached for your reference.

(15) Areas of Ecological Concern

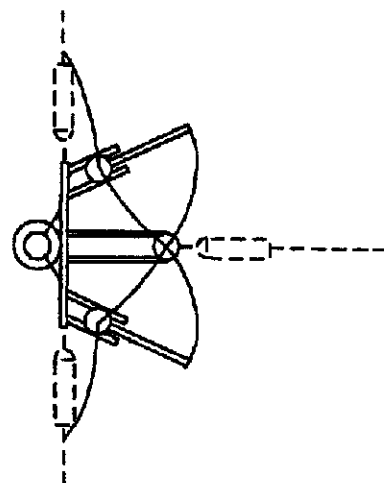
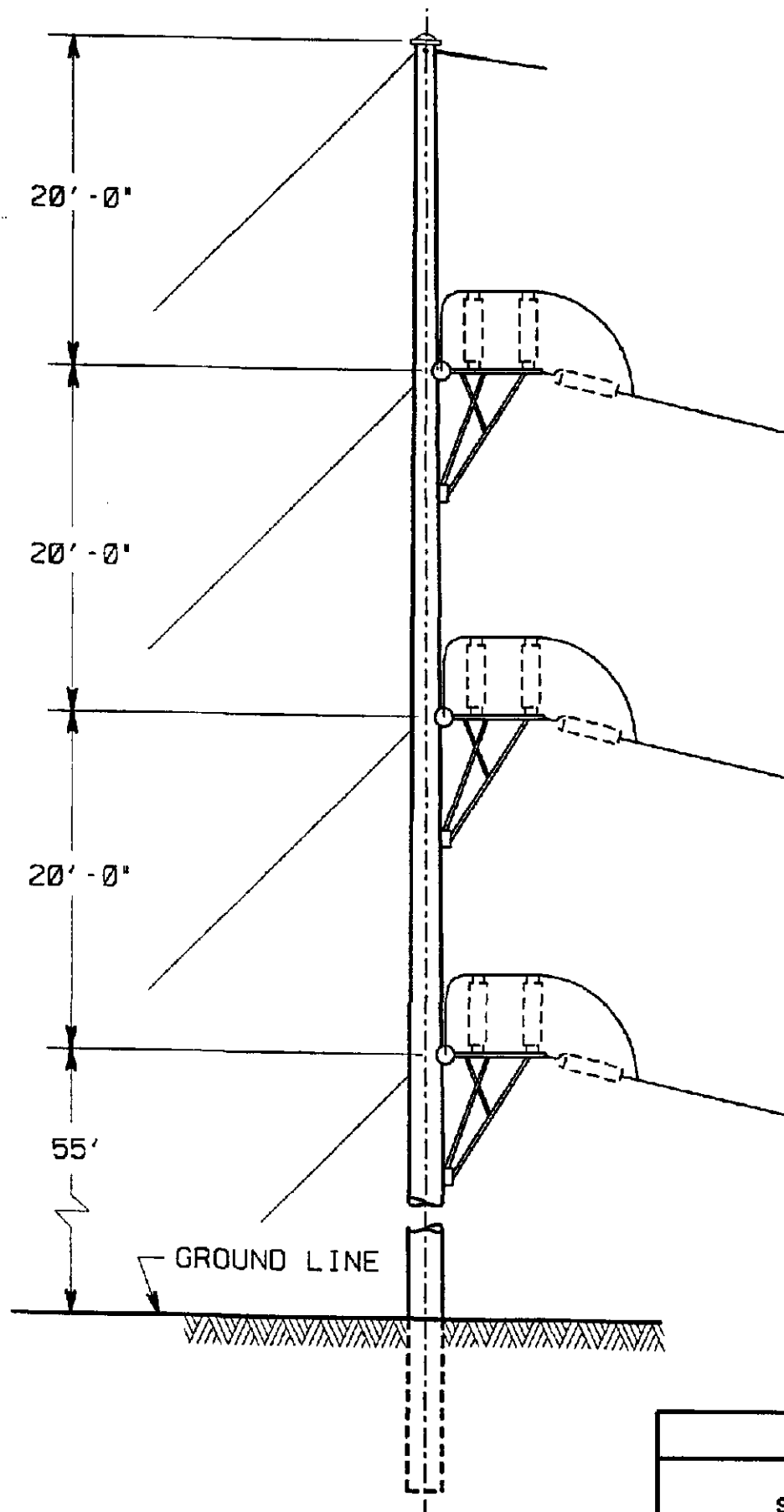
The Huntington District of the United States Army Corps of Engineers and the Ohio Department of Natural Resources were contacted regarding the presence of areas of ecological concern. Neither agency indicated any areas of ecological concern. A copy of the responses from the Army Corps of Engineers, and the Ohio Department of Natural Resources are attached for your reference.

(16) Local, State and Federal Requirements

This line will be designed, constructed, and operated to meet or exceed the requirements of the National Electrical Safety Code, Ohio Power Company safety and design standards, and all applicable OSHA standards. No permits are required from the Ohio Department of Transportation or the Army Corps of Engineers.

(17) Current or Pending Litigation

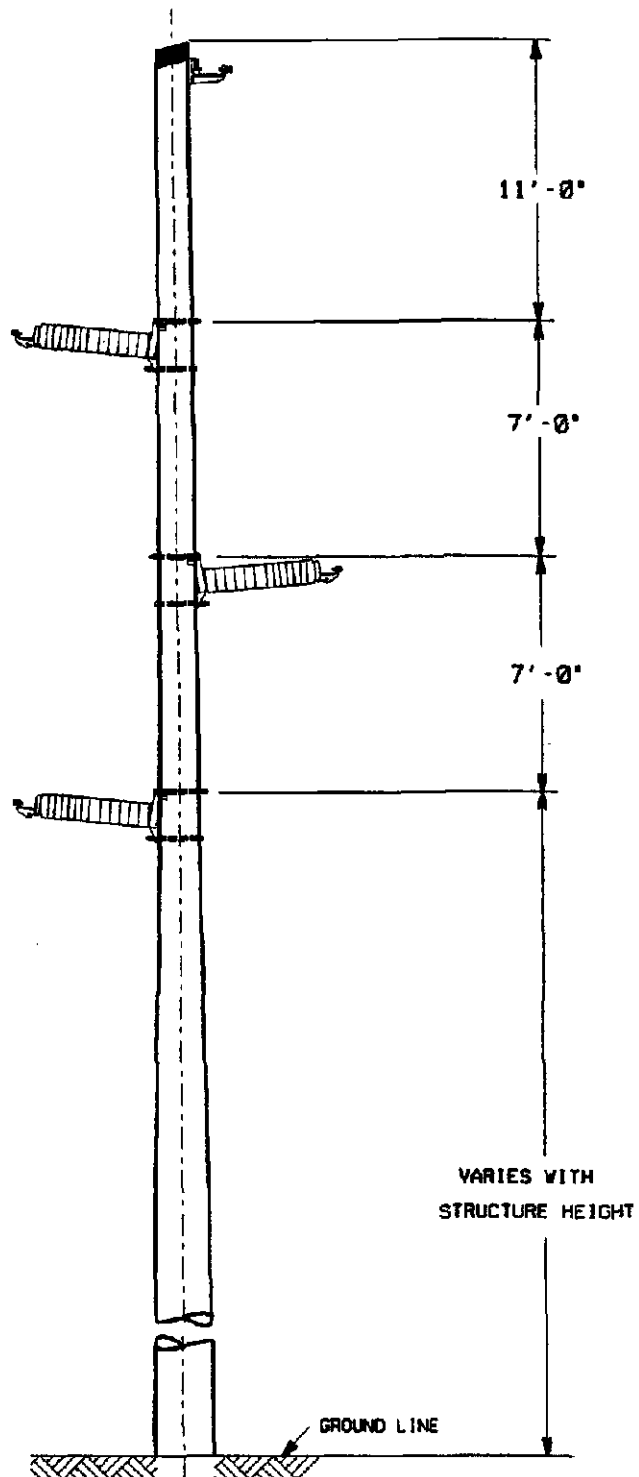
All necessary right of way for this project has been secured. There is no current litigation involving this project and none is expected.



TOP VIEW

OHIO POWER CO.

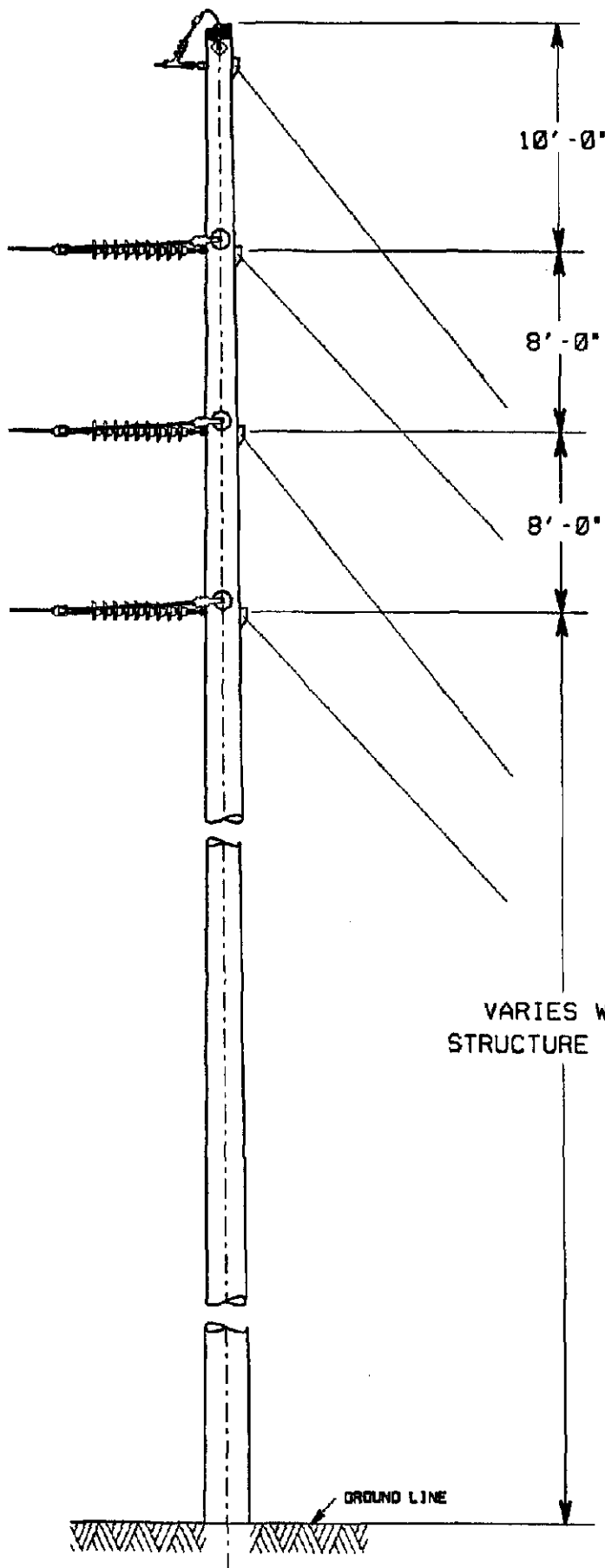
SHEPLER - AGA 138KV LINE
POLE MOUNTED SWITCH



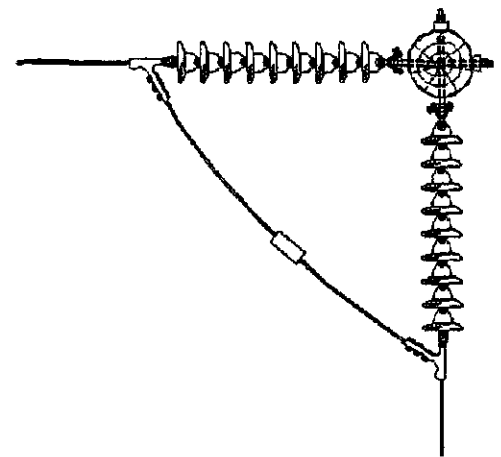
OHIO POWER CO.

SHEPLER - AGA 138KV LINE

**SINGLE POLE
TANGENT STRUCTURE**



VARIES WITH
STRUCTURE HEIGHT



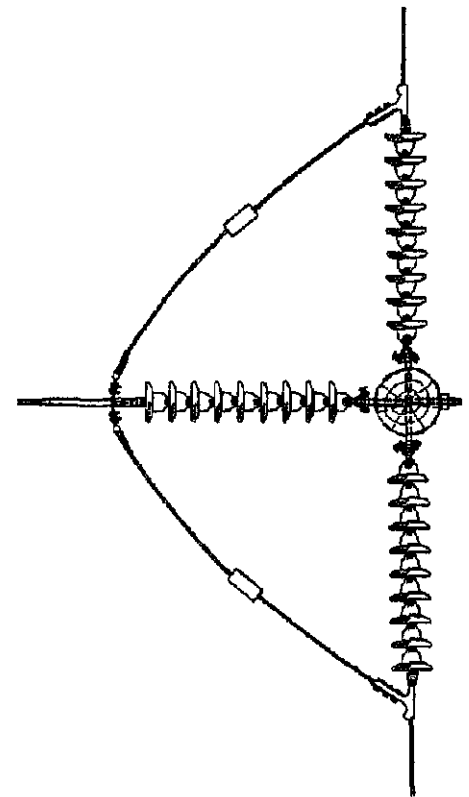
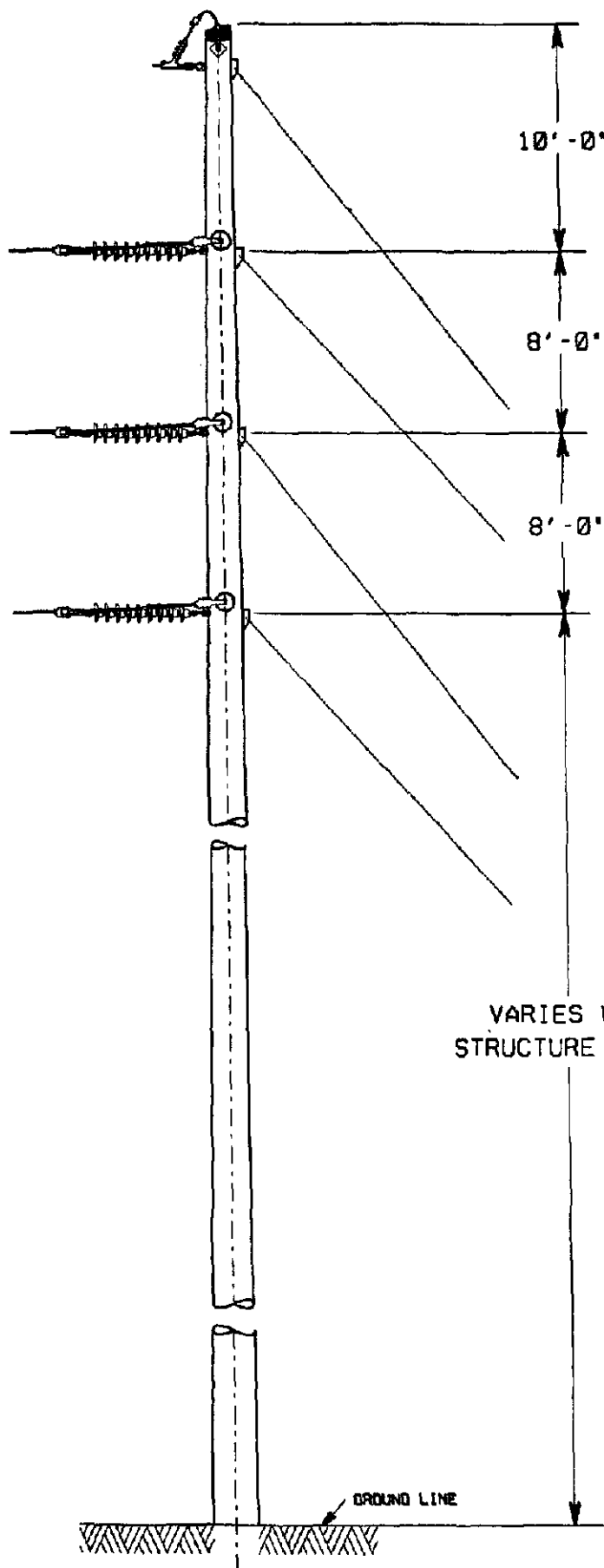
TOP VIEW

OHIO POWER CO.

SHEPLER - AGA 138KV LINE

**SINGLE POLE
DEADEND STRUCTURE**

15-1210101



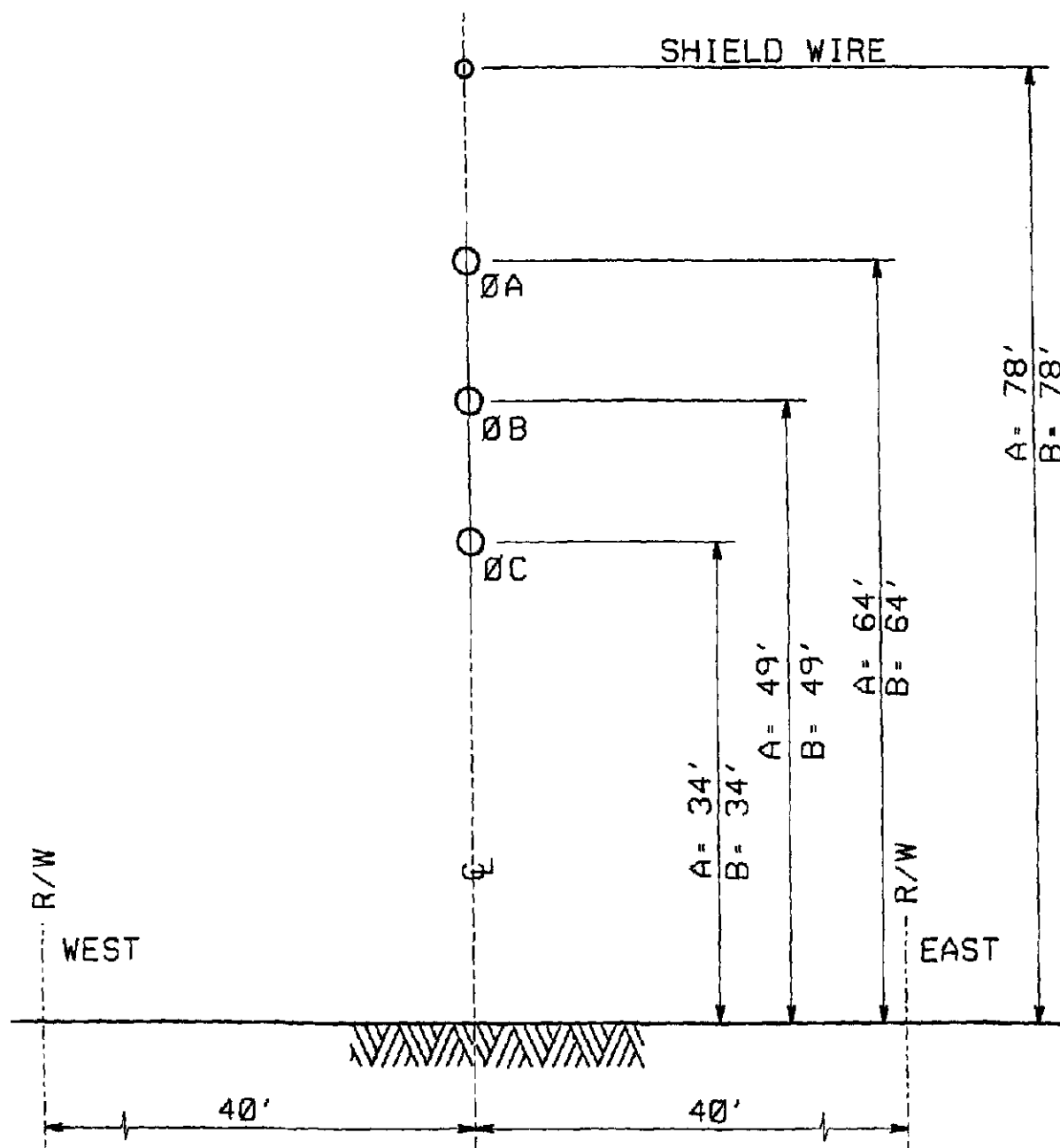
TOP VIEW

VARIES WITH
STRUCTURE HEIGHT

OHIO POWER CO.

SHEPLER - AGA 138KV LINE

SINGLE POLE
DEADEND STRUCTURE



DIMENSION "A" LINE CONFIGURATION - 138KV UNDER EMERGENCY AND
NORMAL MAXIMUM LINE LOADING CONDITIONS

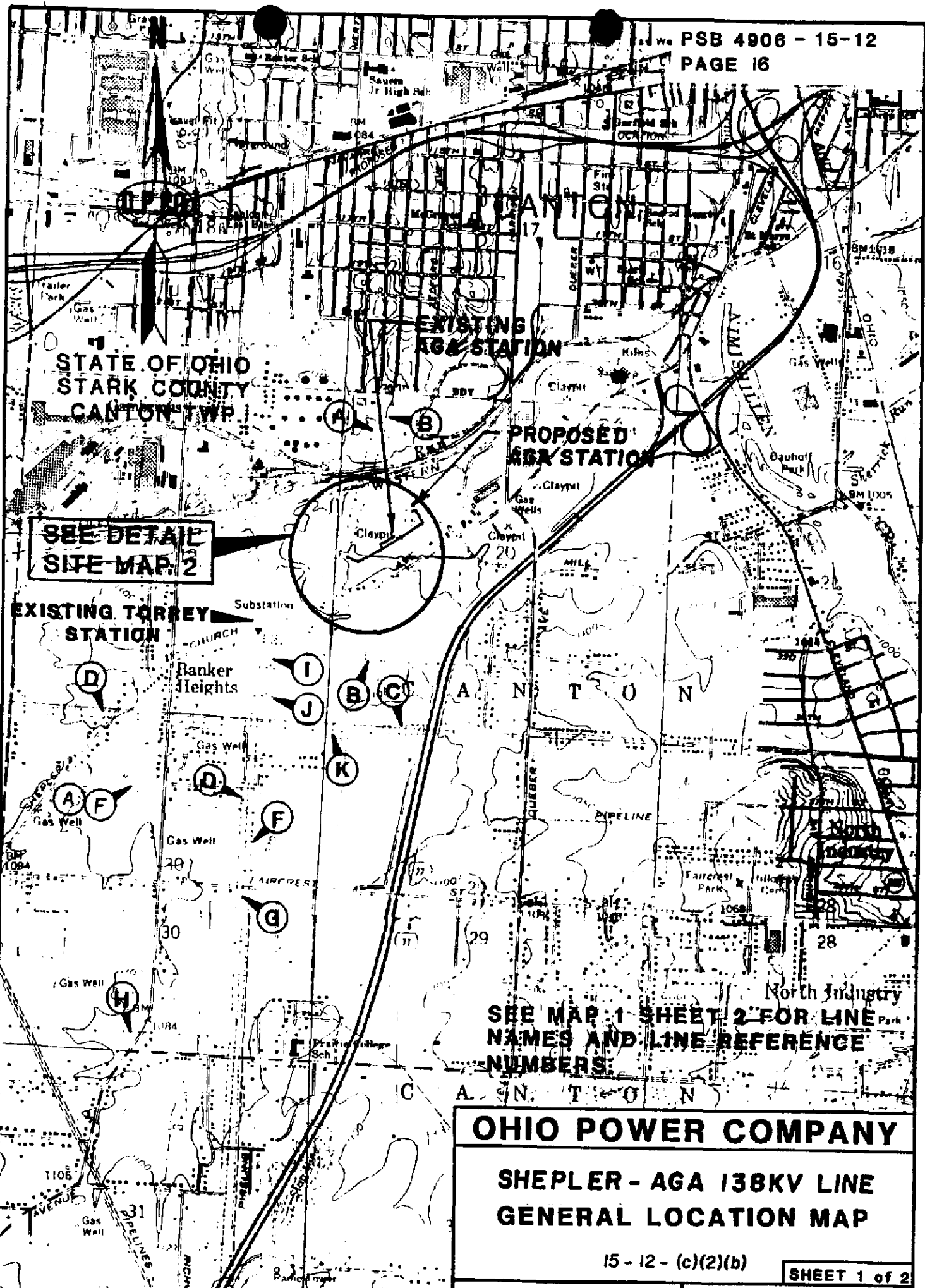
DIMENSION "B" - UNDER WINTER NORMAL CONDUCTOR RATING CONDITIONS

OHIO POWER CO.

SHEPLER - AGA 138KV LINE

**SINGLE POLE
DEADEND STRUCTURE
15-12(C)(2)(A)**

NOT TO SCALE



OHIO POWER COMPANY

**SHEPLER - AGA 138KV LINE
GENERAL LOCATION MAP**

15 - 12 - (c)(2)(b)

SHEET 1 of 2

SCALE : 1" = 2,000'

MAP 1

EXISTING TRANSMISSION LINES

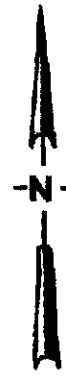
- (A) TIMKEN - TIMKEN, RICHVILLE 138KV CIRCUIT
LINE REFERENCE NO. FM44
- (B) S.E. CANTON - TIMKEN 138KV CIRCUIT
LINE REFERENCE NO. FL07
- (C) SUNNYSIDE - TORREY 138KV CIRCUIT
LINE REFERENCE NO. FL80
- (D) SOUTH CANTON - WAYVIEW 138KV CIRCUIT
LINE REFERENCE NO. FK87
- (F) S. CANTON - TIMKEN, RICHVILLE 138KV CIRCUIT
LINE REFERENCE NO. FK93
- (G) SOUTH CANTON - TORREY 138KV CIRCUIT
LINE REFERENCE NO. FK95
- (H) E. WOOSTER - S. CANTON 138KV CIRCUIT
LINE REFERENCE NO. FE69
- (I) TORREY - W. CANTON 138KV CIRCUIT
LINE REFERENCE NO. FN80
- (J) TORREY - CLOVERDALE 138KV CIRCUIT
LINE REFERENCE NO. FA60
- (K) CANTON CENTRAL - CLOVERDALE 138KV CIRCUIT
(OHIO EDISON COMPANY)
LINE REFERENCE NO. FA03

OHIO POWER CO.

SHEPLER - AGA 138KV LINE

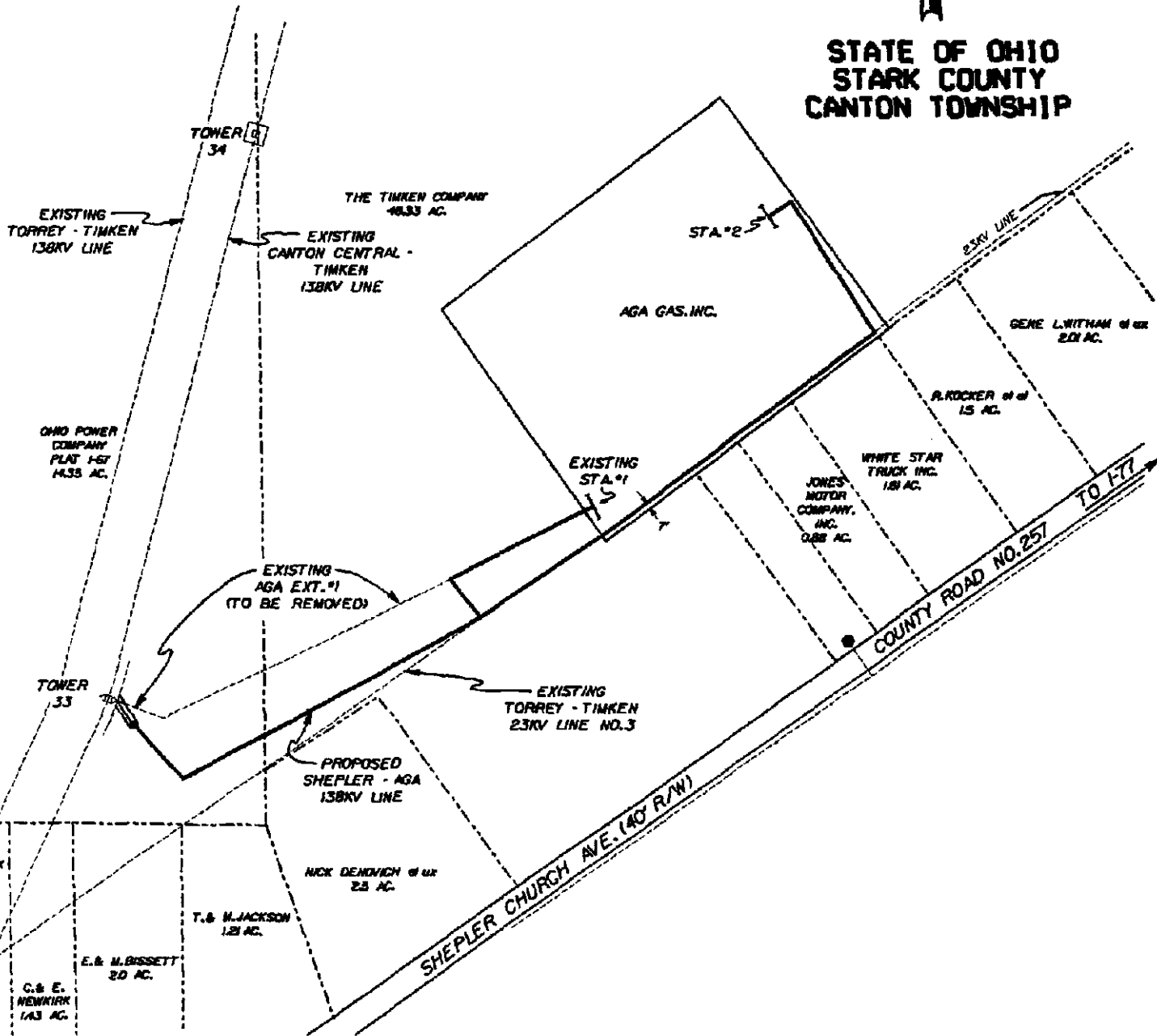
GENERAL LOCATION MAP

15-12(C)(2)(B) SHEET 2 of 2



STATE OF OHIO
STARK COUNTY
CANTON TOWNSHIP

SECTION 19
SECTION 20



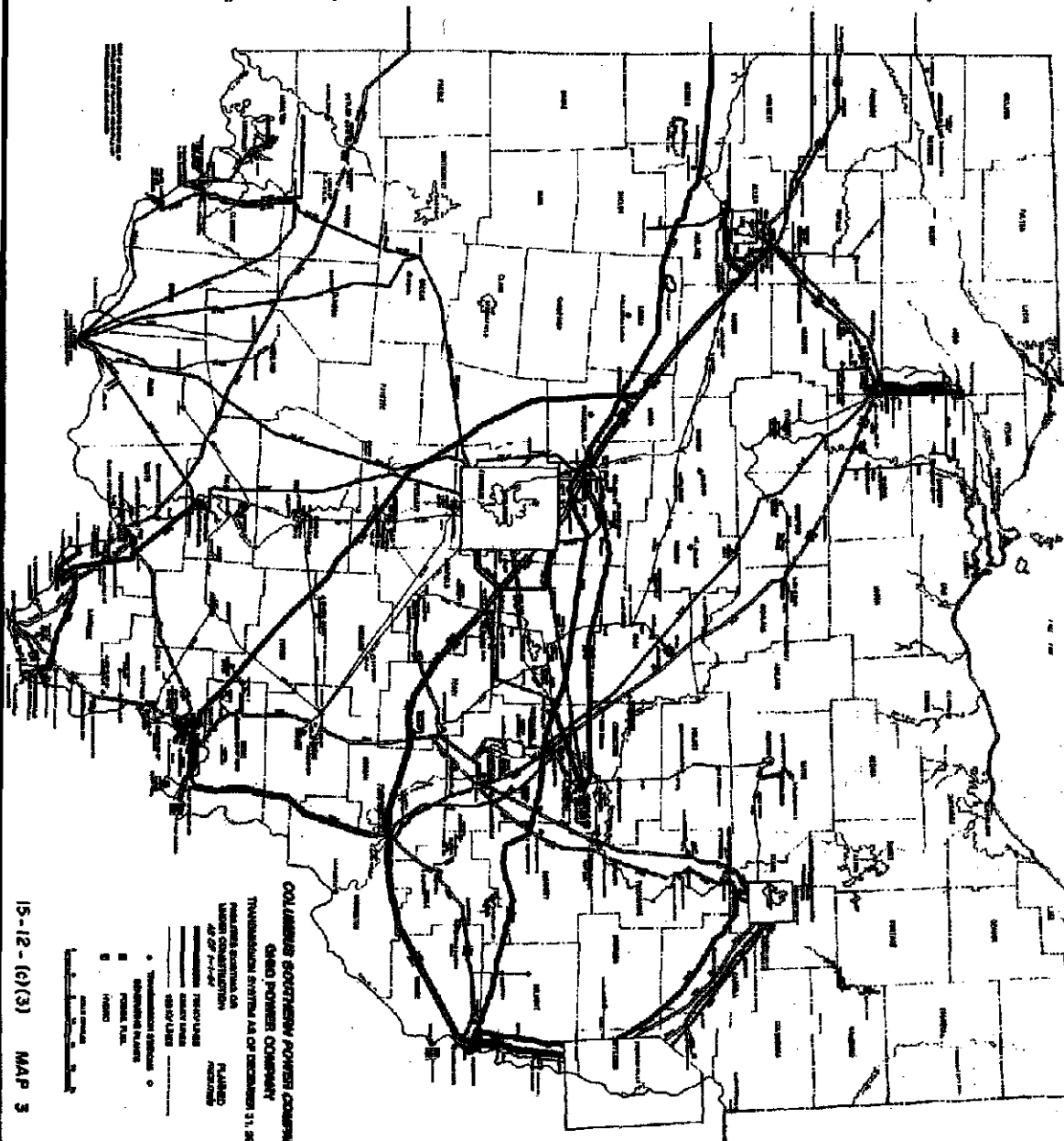
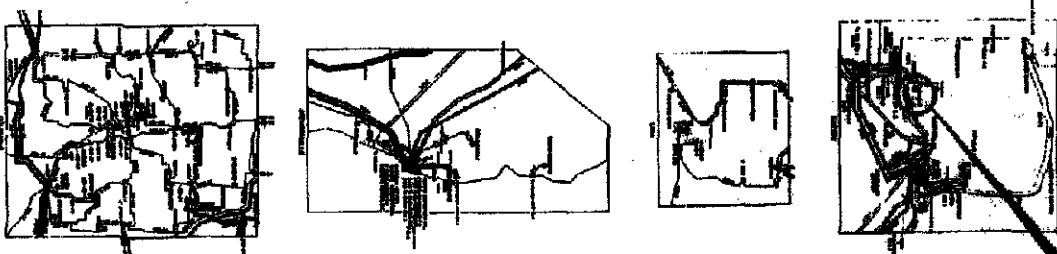
OHIO POWER CO.

SHEPLER - AGA 138KV LINE

DETAIL MAP

15-12(C)(2)(B)

SEE DETAIL
MAP 2



PSB 4906-15-2
PAGE 19

COLUMBIA SOUTHERN POWER COMPANY
GRAND POWER COMPANY
TRANSMISSION SYSTEM AS OF DECEMBER 31, 1994
PLANNED
AS OF 1-1-95

- TRANSMISSION SYSTEM
- SUBSTATION
- POWER LINE
- ROAD
- RAILROAD
- WATERWAY
- COUNTY LINE
- CITY LIMIT

Scale: 1 inch = 25 miles

American Electric
Service Corporation
1 Riverside Plaza
Columbus, OH 43215
614 223 1000



February 14, 1996

Ohio Natural Heritage Program
Division of Natural Areas and Preserves
Ohio Department of Natural Resources
Fountain Square, Building F
Columbus, Ohio 43224

Dear Sir:

Ohio Power Company is planning a new 138kV line to serve an additional station in the AGA Gas Inc. plant off of Shepler Church Ave. in Canton, Ohio.

In accordance with the State of Ohio Power Siting Board's rules and regulations, we are preparing a Letter of Notification covering this project. One of these rules require that we investigate for the presence of any endangered, threatened, or rare species which may be affected by this project. We must also investigate for the presence of national or state forests and parks, wilderness areas, and wildlife refuges.

In order for us to properly complete this investigation, we need your assistance. We request that you study the project area and send us a memo regarding your findings within the project area. A map showing the location of this line is enclosed for your use. A data request form is also attached.

Please send the memo and invoice for your services to:

A. J. Purses - Transmission Engineering
AEP - Ohio Power Co.
#1 Riverside (Metal Forge Bldg.)
Columbus, Ohio 43215-2291

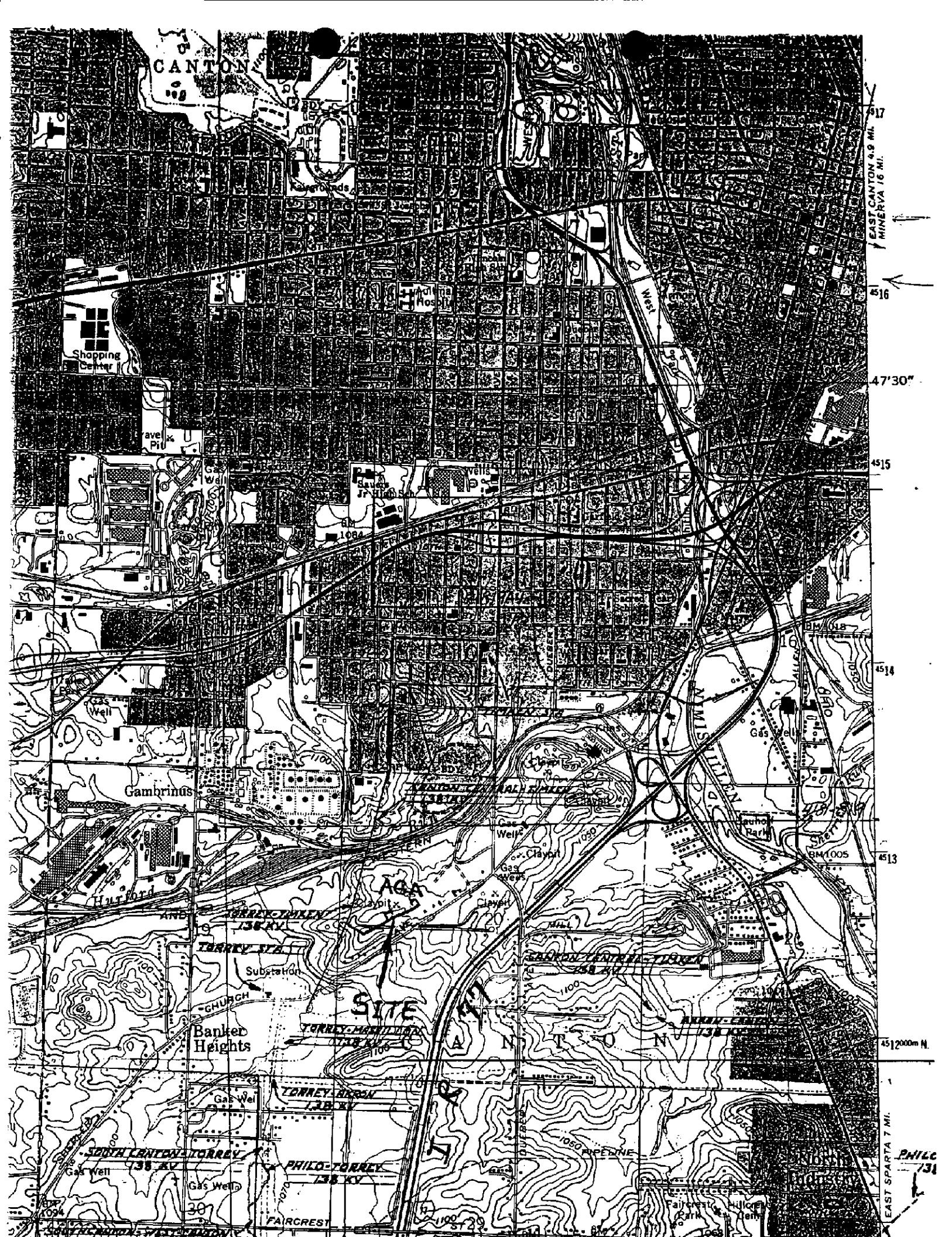
Given the project time constraints, we would appreciate your response within four weeks. Please feel free to contact me at (614) 223-1313 for required fees or further information. Thank you for your consideration in this matter.

Cordially,

A handwritten signature in cursive script, appearing to read 'A. J. Purses', is written over the typed name.

A. J. Purses
Transmission Engineering

enc.





George V. Voinovich • Governor
Donald C. Anderson • Director

February 20, 1996

AJ Purses, Transmission Engineering
AEP - Ohio Power Co.
1 Riverside (Metal Forge Bldg.)
Columbus, OH 43215-2291

Dear Mr. Purses:

After reviewing our Natural Heritage maps and files, I find the Division of Natural Areas and Preserves has no records of rare species in the new 138 kV line project area off Shepler Church Ave. in Canton (Canton West Quad).

There are no existing or proposed state nature preserves or scenic rivers at the project site. We are also unaware of any unique ecological sites, geologic features, breeding or non-breeding animal concentrations, champion trees, or state parks, forests or wildlife areas in the project vicinity.

Our inventory program has not completely surveyed Ohio and relies on information supplied by many individuals and organizations. Therefore, a lack of records for any particular area is not a statement that rare species or unique features are absent from that site. Please note that we inventory only high-quality plant communities and do not maintain an inventory of all Ohio wetlands.

Please contact me at 614-265-6818 if I can be of further assistance.

Sincerely,

Debbie Woischke, Ecological Analyst
Division of Natural Areas & Preserves

American Electric
Service Corporation
1 Riverside Plaza
Columbus, OH 43215
614 223 1000



February 14, 1996

Mr. Kent E. Kroonemeyer
United States Department of the Interior
Fish and Wildlife Service
Reynoldsburg Field Office
6950-H American Parkway
Reynoldsburg, Ohio 43068-4115

Dear Mr. Kroonemeyer:

Ohio Power Company is planning a new 138kV line to serve an additional station in the AGA Gas Inc. plant off of Shepler Church Ave. in Canton, Ohio.

In accordance with the State of Ohio Power Siting Board's rules and regulations, we are preparing a Letter of Notification covering this project. One of these rules require that we investigate for the presence of any endangered, threatened, or rare species which may be affected by this project.

In order for us to properly complete this investigation we need your assistance. We request that you check the project area for the existence of any endangered, threatened or rare species. All we require is a memo from you with your results. A map showing the location of this line is enclosed for your use.

Please send the memo and invoice for your services to:

A. J. Purses - Transmission Engineering
AEP - Ohio Power Co.
#1 Riverside (Metal Forge Bldg.)
Columbus, Ohio 43215-2291

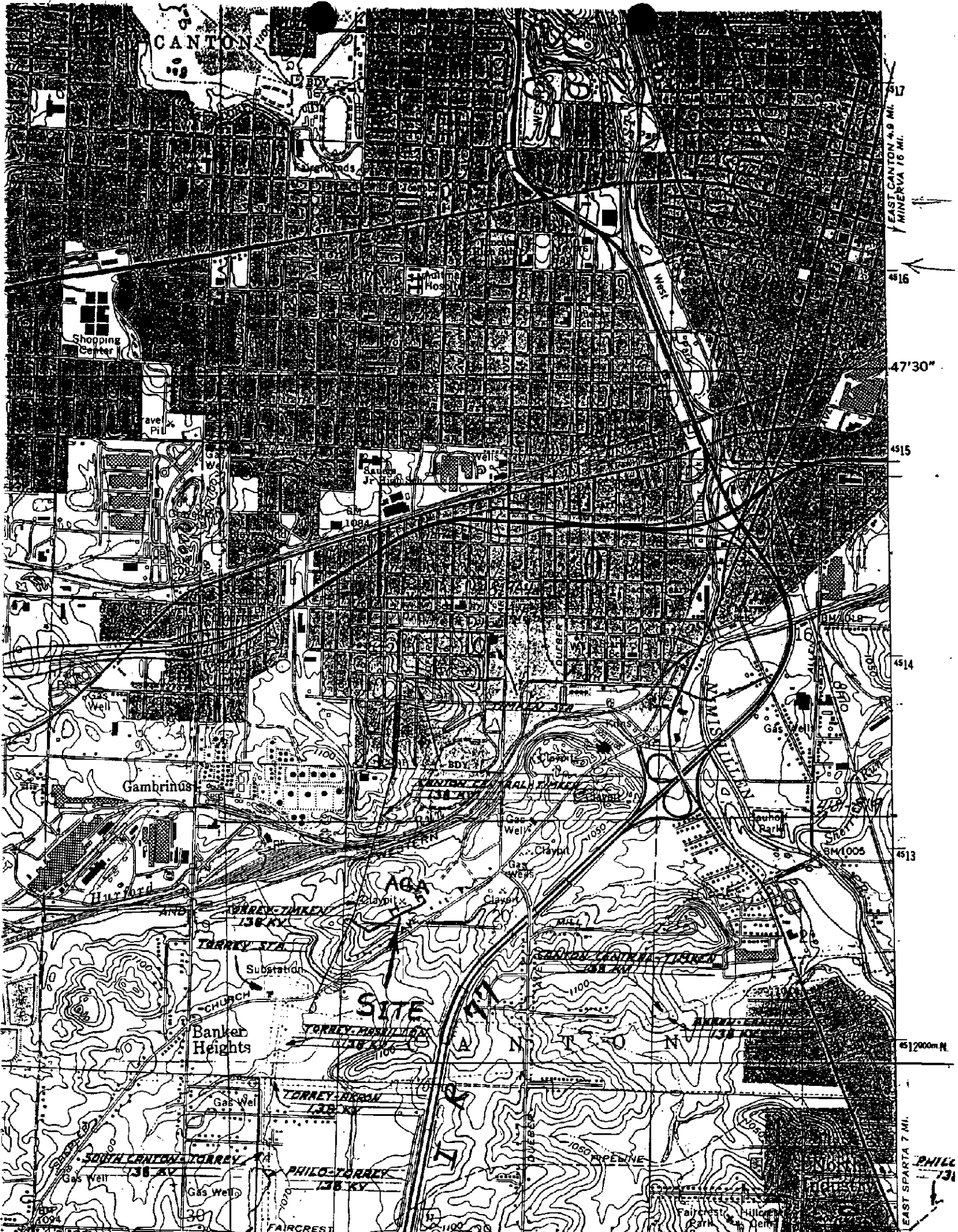
Given the project time constraints, we would appreciate your response within four weeks. Please feel free to contact me at (614) 223-1313 for required fees or further information. Thank you for your consideration in this matter.

Cordially,

A handwritten signature in cursive script that reads 'A. J. Purses'.

A. J. Purses
Transmission Engineering

enc.



CANTON

Shopping Center

ave Pil

GAMBRINUS

HARVARD

TORREY TORREY 136 KV

TORREY STN

Substation

CHURCH

Banker Heights

Gas Well

TORREY TORREY 136 KV

Gas Well

SOUTH CANYON TORREY 136 KV

Gas Well

PHILO TORREY 136 KV

FAIRCREST

SITE

CLAYTON

CLAYTON

CLAYTON

CLAYTON

CLAYTON

CLAYTON

CLAYTON

CLAYTON

CLAYTON

CLAYTON

EAST CANTON 4.9 MI.
MINERVA 16 MI.

4516

47'30"

4515

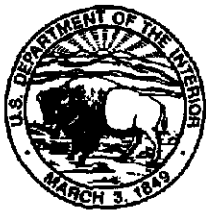
4514

4513

4512000 N

EAST SPARTA 7 MI.

PHILIP



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Ecological Services
6950-H Americana Parkway
Reynoldsburg, Ohio 43068

IN REPLY REFER TO:

COMM: 614/469-6923 FAX: 614/469-6919
February 22, 1996

Mr. A. J. Purses
AEP-Ohio Power
#1 Riverside (Metal Forage Bldg.)
Columbus, OH 43215-2291

Dear Mr. Purses:

This responds to your February 14, 1996 letter requesting our comments on your proposal to construct a new line to serve an additional station at the AGA Gas Inc. plant off of Shepler Church Avenue in Canton, Stark County, Ohio.

These comments are provided under the authority of the Endangered Species Act of 1973, as amended.

ENDANGERED SPECIES COMMENTS: The proposed project lies within the range of the Indiana bat, a Federally listed endangered species. Summer habitat requirements for the species are not well defined but the following are thought to be of importance:


1. Dead trees and snags along riparian corridors especially those with exfoliating bark or cavities in the trunk or branches which may be used as maternity roost areas.
2. Live trees (such as shagbark hickory) which have exfoliating bark.
3. Stream corridors, riparian areas, and nearby woodlots which provide forage sites.

Considering the above items, we recommend that if trees with cavities or exfoliating bark (which could be potential roost trees) are encountered in the project area, they and surrounding trees should be saved wherever possible. If they must be cut, they should not be cut between April 15 and September 15.

If desirable trees are present, and if the above time restriction is unacceptable, mist net or other surveys should be conducted to determine if bats are present. The survey should be designed and conducted in coordination with the endangered species coordinator for this office, Mr. Buddy Fazio. The survey should be conducted in June or July since the bats would only be expected in the project area from approximately May 1 to August 31.

Two divisions of the Ohio Department of Natural Resources, The Division of Wildlife (ODW, 614/264-6300) and the Division of Natural Areas and Preserves (DNAP, 614/265-6472) maintain lists of plants and animals of concern to the state of Ohio. The Ohio Environmental Protection Agency (OEPA, 614/644-2856) also maintains lists of fish and invertebrate species found in many of Ohio's rivers and streams. If you have not already done so, we recommend that you contact each of these offices to obtain site-specific information of species of State concern.

Sincerely,


for Kent E. Kroonemeyer
Supervisor

cc: DOW, Wildlife Environmental Section, Columbus, OH
ODNR, Division of Real Estate and Land Management, Columbus, OH
Ohio EPA, Water Quality Monitoring, Attn: C. Crook, Columbus, OH
US EPA, Office of Environmental Review, Chicago, IL

American Electric Power
Service Corporation
1 Riverside Plaza
Columbus, OH 43215
614 223 1000



February 14, 1996

Ms. Judith Kitchen
Technical and Review Services
Ohio Historic Preservation Office
Ohio Historical Center
1982 Velma Ave
Columbus, Ohio 43211-2497

Dear Ms. Kitchen

Ohio Power Company is planning a new 138kV line to serve an additional station in the AGA Gas Inc. plant off of Shepler Church Ave. in Canton, Ohio.

In accordance with the State of Ohio Power Siting Board's rules and regulations, we are preparing a Letter of Notification covering this project. One of these rules require that we investigate for the presence of any significant historical or archaeological sites which may be affected by this project.

In order for us to properly complete this investigation, we need your assistance. We request that you study the project area and send us a memo regarding your findings within the project area. A map showing the location of this line is enclosed for your use.

Please send the memo and invoice for your services to:

A. J. Purses - Transmission Engineering
AEP - Ohio Power Co.
#1 Riverside (Metal Forge Bldg.)
Columbus, Ohio 43215-2291

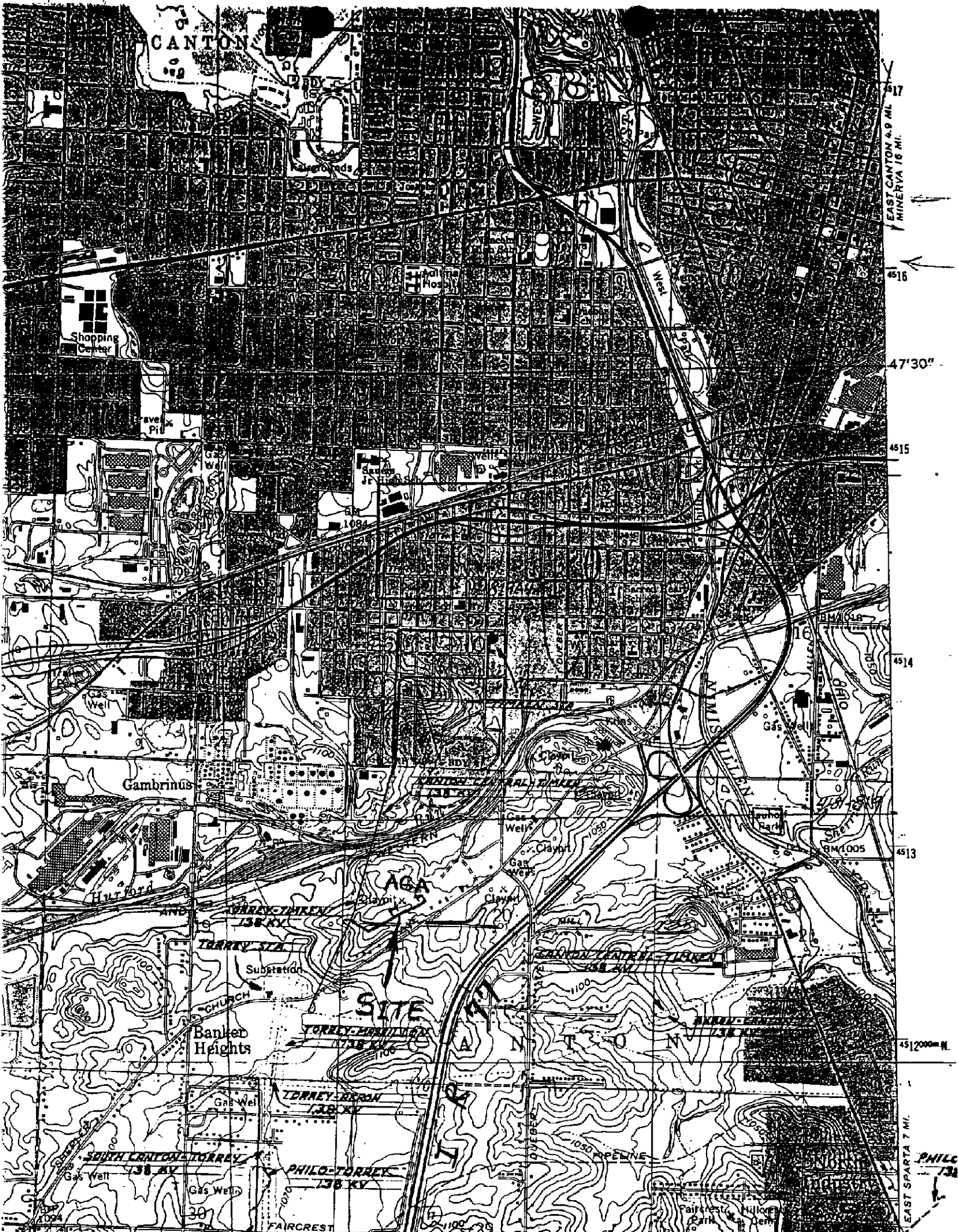
Given the project time constraints, we would appreciate your response within four weeks. Please feel free to contact me at (614) 223-1313 for required fees or further information. Thank you for your consideration in this matter.

Cordially,

A handwritten signature in cursive script, reading 'A.J. Purses', is written over the typed name.

A.J. Purses
Transmission Engineering

enc.



CANTON

618

EAST CANTON 4.9 MI.
MINERVA 16 MI.

4516

47'30"

4515

4514

4513

4512000 ft.

EAST SPARTA 7 MI.

PHILLIPS

Shopping Center

ave. P

Gambrinus

Haltford

TORREY-TORREY 138 KV

TORREY STA

Substation

CHURCH

Banker Heights

Gas Well

TORREY-BERON 138 KV

SOUTH CANTON-TORREY 138 KV

Gas Well

Gas Well

FAIRCREST

PHILO-TORREY 138 KV

SITE

AG

SAVON-LANTANA-TORREY 138 KV

1000 PIPELINE

1000

1000

1000

1000

1000

1000

1000

1000

1982 Velma Avenue
Columbus, Ohio 43211-2497
(614) 297-2300
Fax: 297-2411



OHIO
HISTORICAL
SOCIETY
SINCE 1885

March 14, 1996

A.J. Purses
Transmission Engineering
AEP-Ohio Power Company
#1 Riverside (Metal Forge Building)
Columbus, Ohio 43215-2291

Dear Mr. Purses:

Re: New 138kV Line, AGA Gas Inc., Shepler Church Avenue, Canton, Ohio

This is in response to your letter of February 14, 1996 concerning the proposed project. My staff has reviewed the information you have provided. Based on their recommendations, I have the following comments, submitted in accordance with the provisions of Section 106 of the National Historic Preservation Act of 1966 (36 CFR 800) and Ohio Power Siting Board rules.

The proposed project involves constructing a new 138 kV line. Examination of the Ohio Archaeological Inventory shows that no archaeological investigation has been done and no sites are currently known in the project area or vicinity. However, before we can make specific recommendations about the potential for archaeological remains to exist in the project area we would like a more detailed description of the proposed project and the past and current landuse of the property.

If you have any questions concerning this matter please contact Julie Quinlan, Program Coordinator, at (614) 297-2470. Her hours are from 9:00 a.m.-3:00 p.m. Thank you for your cooperation.

Sincerely,

Martha J. Raymond, Department Head
Technical and Review Service

MJR/JAQ:jq

American Electric Power
Service Corporation
1 Riverside Plaza
Columbus, OH 43215
614 223 1000



February 14, 1996

Attention: COERH-PD-S
United States Army Corps of Engineers
Huntington District
502 8th Street
Huntington, WV 25701-2070

Dear Sir:

Ohio Power Company is planning a new 138kV line to serve an additional station in the AGA Gas Inc. plant off of Shepler Church Ave. in Canton, Ohio.

In accordance with the State of Ohio Power Siting Board's rules and regulations, we are preparing a Letter of Notification covering this project. One of these rules require that we investigate for the presence of any wetland or floodplains which may be affected by this project.

In order for us to properly complete this investigation we need your assistance. We request that you check the project area for the existence of any wetlands or floodplains. All we require is a memo from you with your results. A map showing the location of this line is enclosed for your use.

Please send the memo and invoice for your services to:

A. J. Purses - Transmission Engineering
AEP - Ohio Power Co.
#1 Riverside (Metal Forge Bldg.)
Columbus, Ohio 43215-2291

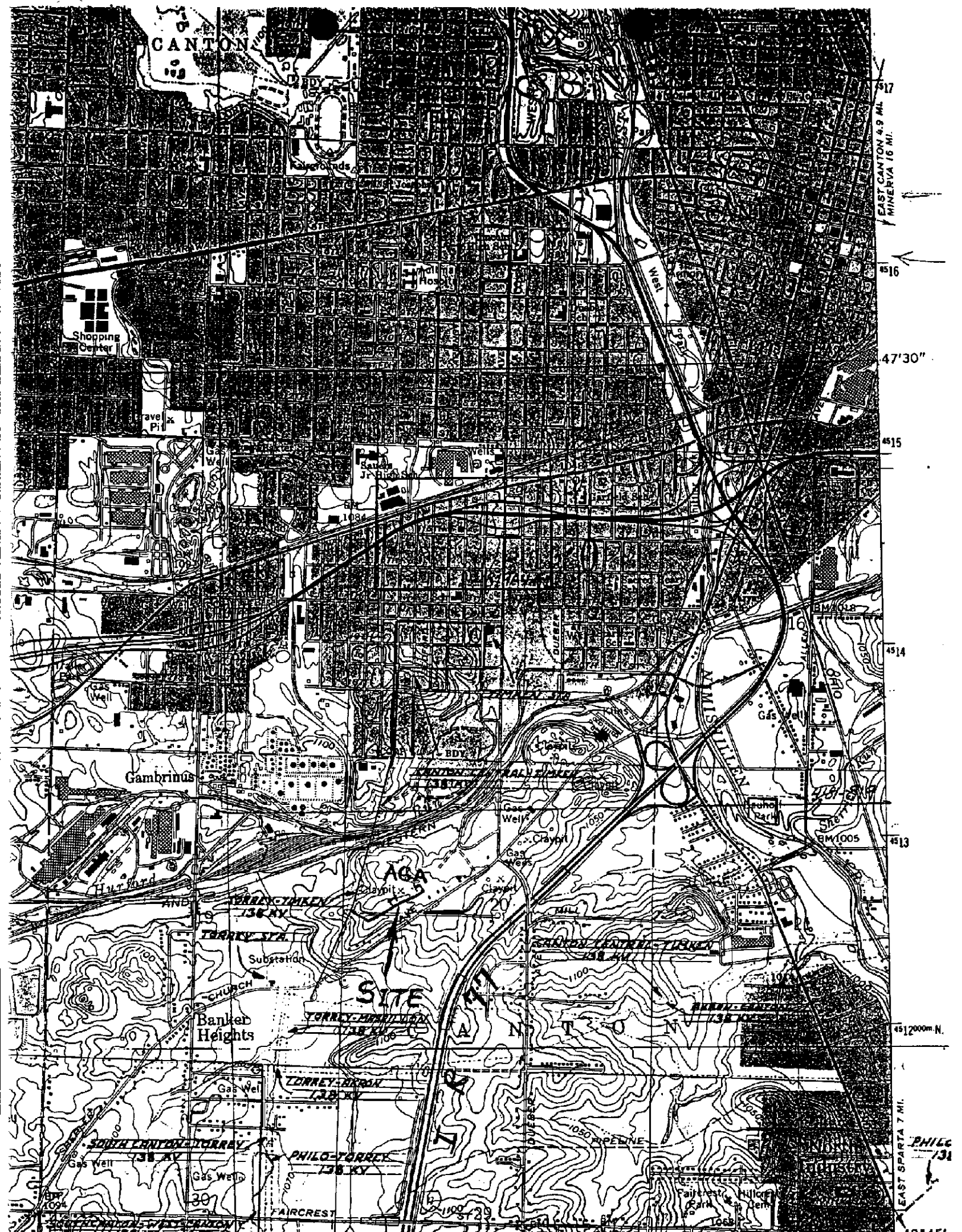
Given the project time constraints, we would appreciate your response within four weeks. Please feel free to contact me at (614) 223-1313 for required fees or further information. Thank you for your consideration in this matter.

Cordially,

A handwritten signature in cursive script, reading "A. J. Purses", is written over the typed name.

A. J. Purses
Transmission Engineering

enc.





DEPARTMENT OF THE ARMY
HUNTINGTON DISTRICT, CORPS OF ENGINEERS
502 EIGHTH STREET
HUNTINGTON, WEST VIRGINIA 25701-2070

REPLY TO
ATTENTION OF:

March 13, 1996

Planning Division
FPM/Special Studies Branch

A.J. Purses- Transmission Engineering
American Electric Power - Ohio Power Company
1 Riverside (Metal Forge Building)
Columbus, Ohio 43215-2291

Dear Mr. Purses:

I refer to your letter of February 14, 1996, and your request for determining any wetlands or floodplains at the Shepler Church Avenue proposed project site in Canton, Ohio, Stark County, Ohio.

The enclosed portion of the "Flood Insurance Rate Map" (FIRM) published by the Federal Emergency Management Agency (FEMA) for Stark County, Ohio, indicates that your proposed project site lies in Zone "C" and would, therefore, not be subject to flooding from a 100-year frequency of occurrence flood.

Your request for determining the presence of any wetlands at your proposed project site was answered with instructions previously given by Mr. James Richmond of our Regulatory Functions Branch during his telephone conversation with you on December 4, 1995, and they remain in effect.

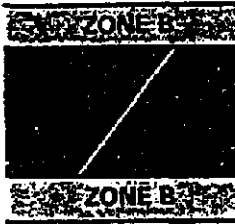
Sincerely,

A handwritten signature in black ink, appearing to read "Larry E. Workman", is written over the typed name.

Larry E. Workman
Chief, FPM/Special Studies Branch

Enclosures

KEY TO MAP

500-Year Flood Boundary	_____
100-Year Flood Boundary	_____
Zone Designations*	
100-Year Flood Boundary	_____
500-Year Flood Boundary	_____
Base Flood Elevation Line With Elevation In Feet**	~~~~~513~~~~~
Base Flood Elevation in Feet Where Uniform Within Zone**	(EL 987)
Elevation Reference Mark	RM7X
Zone D Boundary	_____
River Mile	•M1.5

**Referenced to the National Geodetic Vertical Datum of 1929

*EXPLANATION OF ZONE DESIGNATIONS

ZONE	EXPLANATION
A	Areas of 100-year flood; base flood elevations and flood hazard factors not determined.
A0	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; average depths of inundation are shown, but no flood hazard factors are determined.
AH	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; base flood elevations are shown, but no flood hazard factors are determined.
A1-A30	Areas of 100-year flood; base flood elevations and flood hazard factors determined.
A99	Areas of 100-year flood to be protected by flood protection system under construction; base flood elevations and flood hazard factors not determined.
B	Areas between limits of the 100-year flood and 500-year flood; or certain areas subject to 100-year flooding with average depths less than one (1) foot or where the contributing drainage area is less than one square mile; or areas protected by levees from the base flood. (Medium shading)
C	Areas of minimal flooding. (No shading)
D	Areas of undetermined, but possible, flood hazards.
V	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors not determined.
V1-V30	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors determined.

NOTES TO USER

Certain areas not in the special flood hazard areas (zones A and V) may be protected by flood control structures.

This map is for flood insurance purposes only; it does not necessarily show all areas subject to flooding in the community or all planimetric features outside special flood hazard areas.

For adjoining map panels, see separately printed Index To Map Panels.

INITIAL IDENTIFICATION:

JANUARY 13, 1978

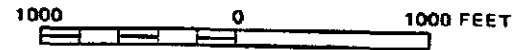
FLOOD HAZARD BOUNDARY MAP REVISIONS:

NOTE: FLOOD INSURANCE RATE MAP EFFECTIVE DATE shown on this map to determine when actuarial rates apply to structures in the areas where elevations or depths have been established.

To determine if flood insurance is available in this community, contact your insurance agent, or call the National Flood Insurance Program, at (800) 638-6620.



APPROXIMATE SCALE



NATIONAL FLOOD INSURANCE PROGRAM

FIRM FLOOD INSURANCE RATE MAP

COUNTY OF
STARK,
OHIO
(UNINCORPORATED AREAS)

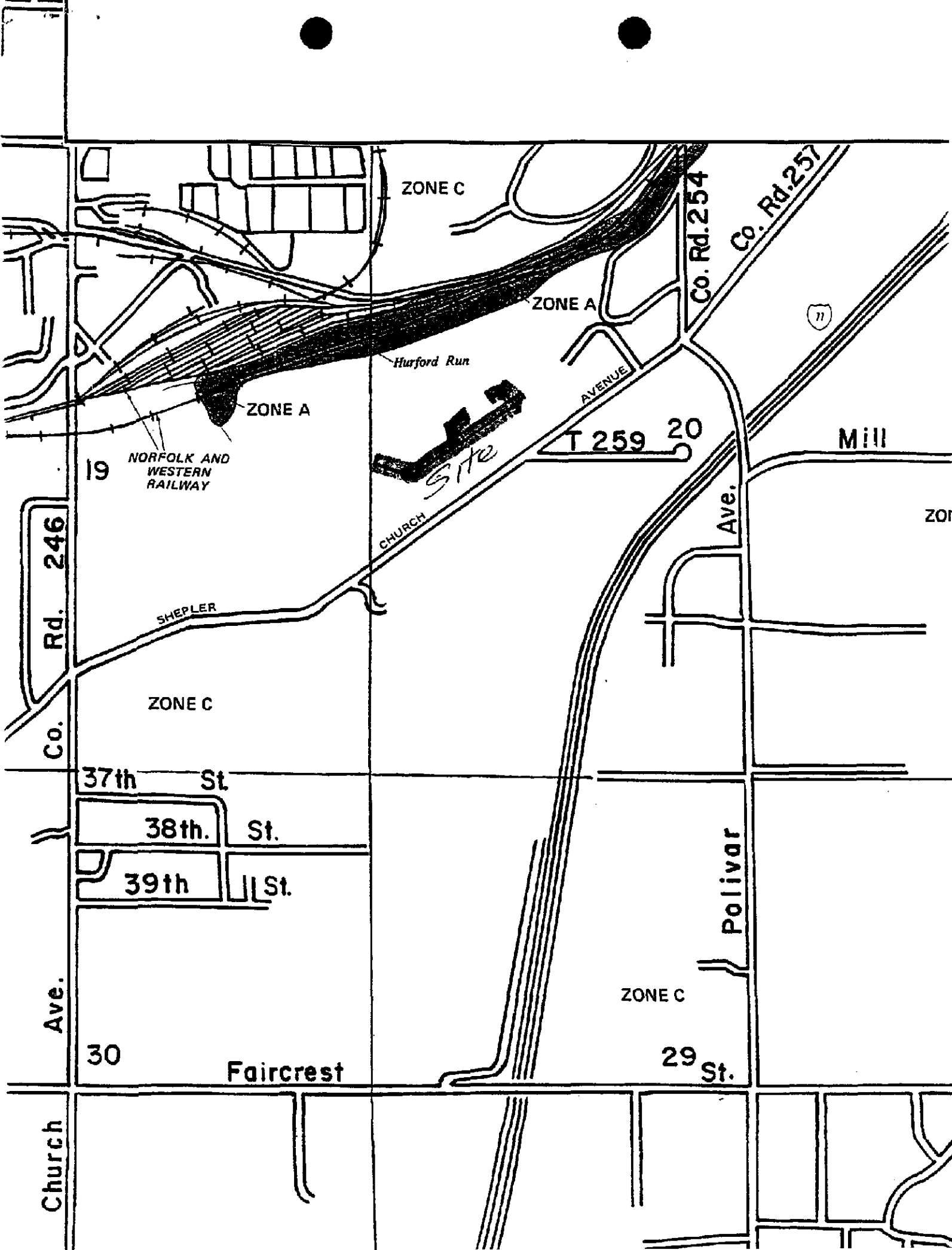
PANEL 115 OF 200

COMMUNITY-PANEL NUMBER
390780 0115 B

EFFECTIVE DATE:
SEPTEMBER 1, 1983



Federal Emergency Management Agency



American Electric Power
Service Corporation
1 Riverside Plaza
Columbus, OH 43215
614 223 1000



February 14, 1996

Mr. John Marshall
Endangered Species and Wildlife Diversity Coordinator
Division of Wildlife
Ohio Department of Natural Resources
Fountain Square
Columbus, Ohio 43224

Dear Mr. Marshall:

Ohio Power Company is planning a new 138kV line to serve an additional station in the AGA Gas Inc. plant off of Shepler Church Ave. in Canton, Ohio.

In accordance with the State of Ohio Power Siting Board's rules and regulations, we are preparing a Letter of Notification covering this project. One of these rules require that we investigate for the presence of any endangered, threatened, or rare species which may be affected by this project.

In order for us to properly complete this investigation we need your assistance. We request that you check the project area for the existence of any endangered, threatened or rare species. All we require is a memo from you with your results. A map showing the location of this line is enclosed for your use.

Please send the memo and invoice for your services to:

A. J. Purses - Transmission Engineering
AEP - Ohio Power Co.
#1 Riverside (Metal Forge Bldg.)
Columbus, Ohio 43215-2291

Given the project time constraints, we would appreciate your response within four weeks. Please feel free to contact me at (614) 223-1313 for required fees or further information. Thank you for your consideration in this matter.

Cordially,

A handwritten signature in cursive script, appearing to read 'A. J. Purses', is written over the typed name.

A. J. Purses
Transmission Engineering

enc.

CANTON

13

EAST CANTON 4.9 MI.
MINERVA 16 MI.

4516

47'30"

4515

4514

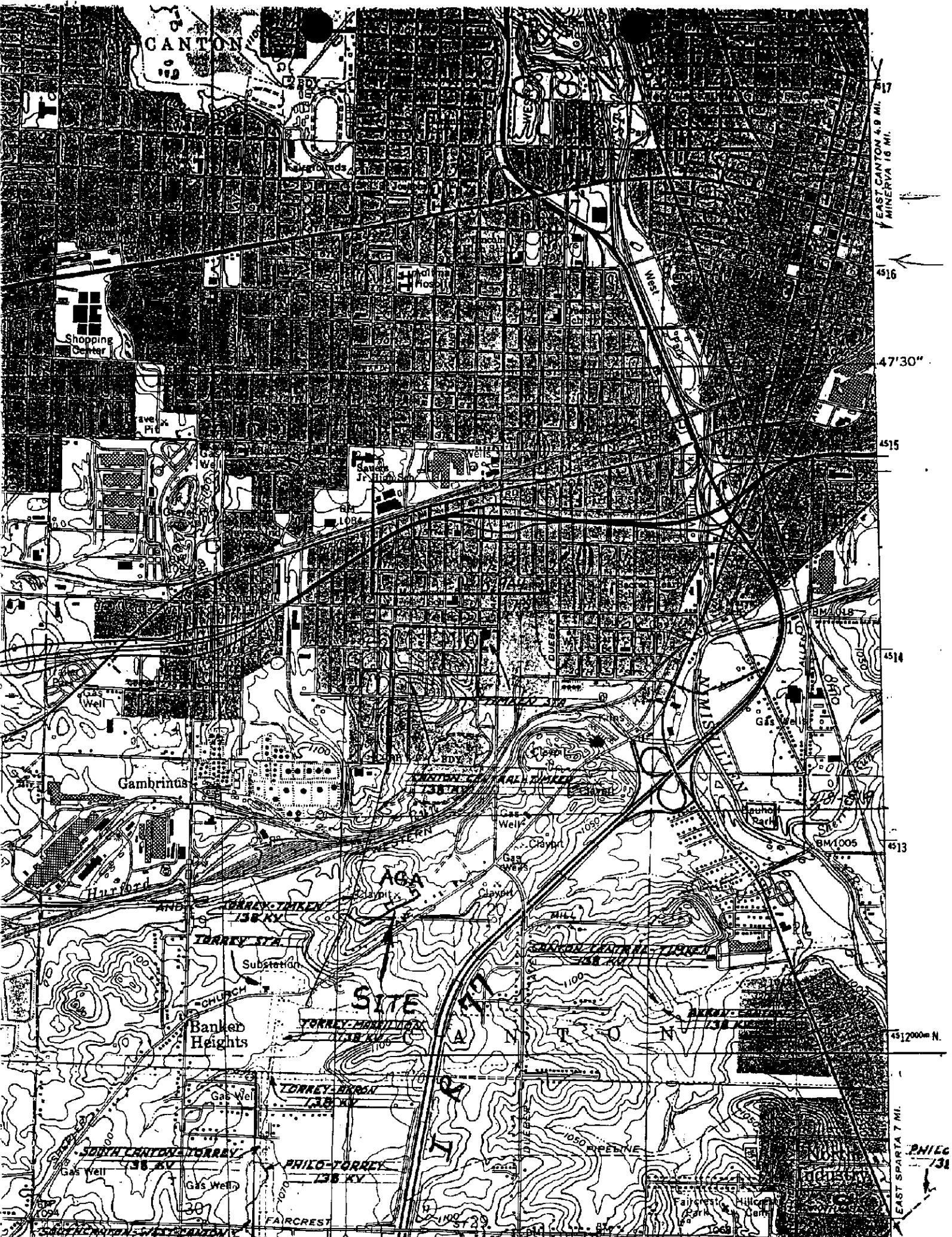
4513

4512000m N.

EAST SPARTA 7 MI.

PHILC
731

40°45'





Division of Wildlife

George V. Voinovich • Governor
Donald C. Anderson • Director

1840 Belcher Drive, Columbus, Ohio 43224-1329 • 614-265-6308 •

Michael J. Budzik, *Chief*

March 12, 1996

American Electric Power
Service Corporation
1 Riverside Plaza
Columbus, OH 43215
Attn: A.J. Purses

RE: New 138 kV Line
AGA Gas Inc. Plant
Shepler Church Ave.

Dear Mr. Purses:

This letter is in response to your request for listed species consultation on the above referenced project. The ODNR, Division of Natural Areas & Preserves maintains the Ohio Natural Heritage Program, which is the state's most comprehensive source of information on the location of listed flora, fauna, and unique natural areas. Your request has been forwarded to their office for response.

Should you become aware of the presence of a listed animal species in the project area, the Division of Wildlife is available to provide guidance on avoiding or minimizing impacts to the population and/or habitat. If you should need further assistance feel free to contact my staff member, Bob Fletcher, at the number listed above.

Sincerely,

John H. Marshall
Environmental Affairs Specialist

cc: Patricia Jones, DNAP

C:\ECORBS31.DOW