

IN THE MATTER OF THE APPLICATION OF:
BALTIMORE GAS AND ELECTRIC COMPANY
FOR A CERTIFICATE OF PUBLIC CON-
VENIENCE AND NECESSITY FOR THE
CONSTRUCTION OF A 115-KV TRANSMIS-
SION LINE FROM NORTHWEST SUBSTATION,
SITUATE SOUTHWEST OF REISTERSTOWN,
TO AN EXISTING TRANSMISSION LINE
NEAR DOLFIELD ROAD, SOUTHWEST OF
OWINGS MILLS, IN BALTIMORE COUNTY,
MARYLAND

BEFORE THE
PUBLIC SERVICE COMMISSION
OF MARYLAND

Case No.

APPLICATION FOR CERTIFICATE OF
PUBLIC CONVENIENCE AND NECESSITY

TO THE HONORABLE, THE PUBLIC SERVICE COMMISSION OF MARYLAND:

Baltimore Gas and Electric Company (the "Applicant") hereby
submits this Application for a Certificate of Public Convenience and
Necessity pursuant to the provisions of Section 54A of Article 78 of the
Annotated Code of Maryland (1965 Replacement Volume), and respectfully
shows:

1. The Applicant is Baltimore Gas and Electric Company, a
Maryland corporation engaged in the generation, transmission, and distri-
bution of electricity to the general public, the address of its principal
business office being Gas and Electric Building, Baltimore, Maryland 21203.
2. The name, title, and address of the person authorized to
receive notices and communications in respect to this Application is James
A. Biddison, Jr., Esq., General Counsel of the Applicant, 17th Floor Gas
and Electric Building, Baltimore, Maryland 21203.

This Application for a certificate of public convenience
and necessity is submitted for the construction of a double circuit 115-kv
transmission line (hereinafter referred to as "the Project") from

MICROFILMED

Applicant's Northwest Substation, situate southwest of Reisterstown to a
point on the existing Ring transmission line near Doldfield Road, southwest
of Owings Mills, in Baltimore County, Maryland. Extending southerly from
Northwest Substation, the proposed transmission line will parallel an
existing transmission line for approximately 2.8 miles to the vicinity
of Deer Park Road and Berryman's Lane and then will run in an easterly
direction approximately 2.66 miles to the Ring line. The plat attached
hereto as a part hereof, labeled "Exhibit A," shows the route of the
proposed transmission line.

8. The estimated cost of the Project is \$2,026,000, of which
\$700,000 will be expended for the transmission line, \$1,250,000 for the
addition to Northwest Substation, and \$76,000 for land.

5. The Project will be financed by internally generated funds,
short-term borrowings, and through the issuance of securities, the nature
and amount of which are not now known and will depend upon market condi-
tions and other factors in existence at the time.

6. The increasing electric loads on Applicant's Ring trans-
mission line make the Project necessary to transmit electricity from
Northwest Substation to the Ring line.

7. The estimated effect of the Project will be to increase
the Applicant's operating expenses, maintenance expenses, depreciation
expense, and taxes other than income taxes by a total of \$193,000 per
year, as set forth in Exhibit B attached hereto and thereby made a part
hereof.

8. Construction of the Project will improve the electric system
reliability and stability in the western portion of the Applicant's
service area.

MICROFILMED

9. All of the land necessary for the Project has been acquired.

10. The Baltimore County Office of Planning and Zoning is the
only other governmental agency having requirements which must be met before
the Project can be constructed. A zoning special exception was granted to
the Applicant on December 9, 1958, for that part of the Project which paral-
lels the existing transmission line. A petition for a zoning special excep-
tion for the remainder of the Project was filed on January 22, 1969.

11. No franchise is required for the Project.

12. The route of the transmission line, approximately 5.35 miles
in length, is shown on the attached plat (Exhibit A). That part of the
transmission line which parallels the existing transmission line will be
constructed on steel towers, and the remainder will be constructed on
double circuit steel poles.

The transmission line will traverse a sparsely wooded, rural
area and will pass south of one residential development known as Sunnybrook.

The Applicant knows of no historic or scenic sites along or
near the proposed Project.

WHEREFORE, the Applicant prays that this Commission issue a
Certificate of Public Convenience and Necessity authorizing construction of
the Project as more particularly described in this Application and as
shown on Exhibit A attached hereto.

Respectfully submitted,

BALTIMORE GAS AND ELECTRIC COMPANY

By *T. W. Trice*
T. W. Trice, Vice-President

James A. Biddison, Jr.
James A. Biddison, Jr.,
Counsel for Applicant
17th Floor Gas and Electric Building
Baltimore, Maryland - 21203
539-5000, Extension 601

MICROFILMED

STATE OF MARYLAND:
CITY OF BALTIMORE:

I HEREBY CERTIFY that on this 14th day of February,
1969, before me, a Notary Public of the said State and City, personally
appeared T. W. TRICE, Vice-President - Electric Operations, of Baltimore
Gas and Electric Company, the Applicant herein, and made oath in due
form of law that he is authorized to make an affidavit on behalf of
said Company and that the matters and facts set forth in the foregoing
Application are true to the best of his knowledge, information, and
belief.

AS WITNESS my hand and notarial seal.

Notary Public

Mr Commission expires 7/1/69

MICROFILMED

BALTIMORE COUNTY ZONING ADVISORY COMMITTEE

February 19, 1969

COUNTY OFFICE BLDG.
111 E. CALVERT ST.
TOWSON, MARYLAND 21204

OLIVER L. MYERS
CHAIRMAN

MEMBERS:

BUREAU OF
ENGINEERING

BUREAU OF
TRAFFIC ENGINEERING

STATE ROADS COMMISSION

BUREAU OF
FIRE PREVENTION

HEALTH DEPARTMENT

PHOTIC PLANNING

BUILDING DEPARTMENT

BOARD OF EDUCATION

ZONING ADMINISTRATION

INDUSTRIAL
DEVELOPMENT

James H. Cook, Esq.,
22 W. Pennsylvania Avenue
Towson, Maryland 21204

Type of Hearings: Special Exception
for an electric transmission line
Location: E.S. of Electric Trans-
mission, 700' ± S. of Berryman Lane
Petitioner: Baltimore Gas & Elec. Co.
Committee Meeting of February 4th, 1969
Item 180

Dear Sirs:

The Zoning Advisory Committee has reviewed the
plans submitted with the above referenced petition and has
made an on site field inspection of the property. The
following comments are a result of this review and inspection.

The subject petition is for a transmission line which
will run between two existing transmission lines. The area
that this would go through is agricultural and residential
with the properties involved containing large acreage.

PROJECT PLANNING DIVISION:

This plan has been reviewed and there are no site
planning factors requiring comment.

BUREAU OF TRAFFIC ENGINEERING:

The subject petition appears to create no major
traffic problems.

FIRE DEPARTMENT:

This office has no comments.

HEALTH DEPARTMENT:

Since the proposed zoning is for a transmission line,
this office does not anticipate any health problems.

MICROFILMED

- Page 2 -

James H. Cook, Esq.,
22 W. Pennsylvania Avenue
Towson, Maryland 21204
RE: Item 180

February 19, 1969

BUILDING ENGINEER'S OFFICE:

This office has no comment.

BOARD OF EDUCATION:

No problem to school population.

ZONING ADMINISTRATION DIVISION:

This petition is accepted for filing on the date of the enclosed
filing certificate. Notice of the hearing date and time, which will be
held not less than 30, nor more than 60 days after the date on the
filing certificate, will be forwarded to you in the near future.

Very truly yours,

Oliver L. Myers
OLIVER L. MYERS, Chairman

OLH:JD
Enc.
cc: W. Robert Buchanan, Esq.,
Gas and Electric Building
Baltimore, MD. 21203

MICROFILMED

I HEREBY CERTIFY that on this 14th day of February, 1969,
a copy of the foregoing Application has been mailed to the following
agencies: County Council of Baltimore County, County Office Building,
Towson, Maryland 21204; Office of Planning and Zoning of Baltimore County,
County Office Building, Towson, Maryland 21204; Maryland State Department
of Health, 301 W. Preston Street, Baltimore, Maryland 21201, to attention
of Dr. Gene J. Schuenemann; Maryland State Department of Water Resources,
State Office Building, Annapolis, Maryland 21404; Maryland Board of
Natural Resources, State Office Building, Annapolis, Maryland 21404;
Maryland State Roads Commission, 300 W. Preston Street, Baltimore, Maryland
21201, to attention of Solar H. Rogers, Esq.; Maryland Historical Trust,
Box 1704, Annapolis, Maryland 21404, to attention of Mrs. Preston Parish;
United States Department of Interior, Office of the Secretary, Washington,
D.C. 20240; Federal Power Commission, General Accounting Office Building,
441 "C" Street, N.W., Washington, D.C. 20426.

James A. Biddison, Jr.
James A. Biddison, Jr.,
Counsel for
Baltimore Gas and Electric Company

MICROFILMED

MICROFILMED

BEFORE THE PUBLIC SERVICE COMMISSION OF MARYLAND

IN THE MATTER OF THE APPLICATION
OF BALTIMORE GAS AND ELECTRIC
COMPANY FOR A CERTIFICATE OF
PUBLIC CONVENIENCE AND NECESSITY
FOR THE CONSTRUCTION OF A 115 KV
TRANSMISSION LINE FROM NORTHWEST
SUBSTATION, SITUATE SOUTHWEST OF
REISTERSTOWN ROAD, TO AN EXISTING
TRANSMISSION LINE IN THE DOLFIELD
ROAD, SOUTHWEST OF OWINGS MILLS IN
BALTIMORE COUNTY, MARYLAND

CASE NO. 6251

Towson, Maryland, April 17, 1969 - 2:30 p.m.

Transcript of testimony of JOHN W. DORSEY

Reported by:
V. A. Castiglione

THE JACK SALOMON REPORTING SERVICE
100 Republic Building
Baltimore, Maryland 21202

118-4760

THE CHAIRMAN: Then, Mr. Dorsey, would you take
the stand, please?

JOHN W. DORSEY,

was sworn and testified as follows:

THE CHAIRMAN: State your name and address
and occupation and by whom you are employed.

THE WITNESS: My name is John W. Dorsey,
my address is Masamore Road, Parkton, Maryland. I am
chief cost study engineer for the Public Service Commission
of Maryland.

THE CHAIRMAN: Would you state briefly your
education?

THE WITNESS: I have a Bachelor of Science
degree in mechanical engineering from the Michigan College
of Mining and Technology, 1956.

THE CHAIRMAN: And what experience have you
had, sir?

THE WITNESS: Ten years professional experience
in the aerospace industry regarding systems engineering
and electrical circuitry. I have been in the position with

SALOMON REPORTING SERVICE
100 Republic Building
Baltimore, Maryland 21202

118-4760

the Public Service Commission since my appointment in
June, 1968.

THE CHAIRMAN: And, since June of 1968, what
have been your duties with the Commission?

THE WITNESS: I report directly to the chief
engineer, Mr. Hugh H. Bower, and my duties and respon-
sibilities in that regard involve the application of
engineering principles and practices in the conduct of
inspections, tests analyses, evaluations concerning the
operations and facilities and equipment of public service
companies, and therefore my responsibility would be the
preparation and presentation of reports concerning
recommendations on adequacy, sufficiency or economy of the
utility's facilities.

Q Now, in the course of your employment, have
you become familiar with what is now known as Case No.
6251, the application of the Baltimore Gas and Electric
Company to build a 115 kv transmission line in the area
of Soldiers Delight and the ring station?

THE WITNESS: Yes, I have.

THE CHAIRMAN: Now, have you made any

SALOMON REPORTING SERVICE
100 Republic Building
Baltimore, Maryland 21202

118-4760

investigation of this proposal of the Baltimore Gas and
Electric Company?

THE WITNESS: Yes.

THE CHAIRMAN: Would you state what your
investigation consisted of?

THE WITNESS: Upon receiving the application
for a certificate from the applicant, I reviewed the
information therein on the 12th of March this year. On
the 17th of March, I inspected the vicinity of the pro-
posed transmission line via automobile and hiking.

On the 18th of March, I consulted with
representatives from the applicant concerning the need for
this project, this type of construction and the situation
as regarding zoning and land acquisition, also the matter
of costs, as to how they were derived.

On the 19th of March, this was the hearing
date. The 28th of March, I consulted again with the
applicants for further detail on the need for the project
and requested a helicopter survey of the line at which I
could be present. This was conducted, this helicopter
aerial inspection was conducted on the 3rd of April, and

SALOMON REPORTING SERVICE
100 Republic Building
Baltimore, Maryland 21202

118-4760

on the 8th of April, I received further information
concerning the projected load in that section of the
applicant's transmission line, both with and without the
proposed new line.

THE CHAIRMAN: Now, is this application in
any way, the transmission line proposed to be built
pursuant to this application, does it in any way have any
effect on the future demands of service of the company?
Would it improve the ability of the company to meet the
demands?

THE WITNESS: The need for the line is predi-
cated on the growth of demand for the entire Baltimore
metropolitan area. It is also predicated on the internal
generation, that is, generation within the applicant's
system, versus generation within the entire PJM network
and the transfer of power that would probably be effected
between the applicant and the PJM to achieve the economy
of total generation.

The information I have in this regard was computed
at the headquarters of the Pennsylvania-New Jersey-Maryland
interconnection at their Philadelphia office.

SALOMON REPORTING SERVICE
100 Republic Building
Baltimore, Maryland 21202

118-4760

The predictions I have here cover the summer of
1970, the summer of 1971, and for the summer of 1972. We
are talking about summer conditions here, of course,
because this is the time of peak electrical load, air
conditioning, and so forth.

We have several conditions imposed in here,
the quasi study state with no disruption in service, the
situation as a result of one line of 230 kv coming from
the west, also the loss of Wagner No. 2 generating plant
within the applicant's territory.

THE CHAIRMAN: What effect would this line, if
permission is granted to construct it, what effect would
that have on the reliability of the company's system?

THE WITNESS: This would give a credibility,
I would say, in my opinion, this would give a credibility
to the system to provide the power that will be demanded
at that time and, without it, there is a very large
possibility of outage occurring, through the failure of
relays and possibly lines themselves.

THE CHAIRMAN: Would those be localized outages
or will they --

SALOMON REPORTING SERVICE
100 Republic Building
Baltimore, Maryland 21202

118-4760

THE WITNESS: No, these would be large-scale
outages. The outputting power from the 230 kv line coming
from Pennsylvania, it is over this line that power would
be purchased from the PJM. The outputting power from
this line to the Ring circuit, which is the circuit the
applicant described as feeding the Baltimore metropolitan
area.

THE CHAIRMAN: The proposed line in the
Soldiers Delight Park runs from the Ring Station over
to the Northwest Substation, is that right?

THE WITNESS: That is true, and the Northwest
Substation is an interceptor for the 230 kv line. The
present line traversing in a north-south direction through
the near center of the proposed Soldiers Delight Park is
the 230 kv line that I am speaking of.

THE CHAIRMAN: What effect would the proposed
line from the Ring Station to the Northwest Station have
on reliability?

THE WITNESS: What effect would the new line
have on reliability?

THE CHAIRMAN: Yes.

SALOMON REPORTING SERVICE
100 Republic Building
Baltimore, Maryland 21202

118-4760

THE WITNESS: The effect would be to greatly
improve the reliability, essentially improve it to the
point of credibility.

THE CHAIRMAN: Have you considered the location
of the proposed line, that is, that portion traversing part
of the proposed Soldiers Delight Park?

THE WITNESS: I have considered it. However,
as a representative for the Public Service Commission,
I am more concerned with the need for the line rather than
its location.

THE CHAIRMAN: Is there any effect of this line
on air or water pollution?

THE WITNESS: None that I can see.

THE CHAIRMAN: Other than the Soldiers Delight
Park, which has been the subject of much testimony, are
there any historical sites involved?

THE WITNESS: None other, to my knowledge.

THE CHAIRMAN: Thank you, Mr. Dorsey.

Mr. Biddison?

Q (By Mr. Biddison) Mr. Dorsey, I believe you
said that you made a survey by helicopter of the proposed

SALOMON REPORTING SERVICE
100 Republic Building
Baltimore, Maryland 21202

118-4760

route of the transmission line on April 3, 1969.

A Yes, that is right.

Q And, as a result of this survey, are you able to tell us whether, in your opinion, the line traverses -- first of all, are you able to tell us what type of area the line would traverse in the proposed Soldiers Delight area?

A The proposed transmission line?

Q Yes.

A Traverses a generally open and unsettled area.

Q Is there much density, insofar as housing is concerned?

A Not along the proposed line itself, except at several points -- if I may, I would like to refer to my own map in this regard?

Q Certainly.

A This is simply a topographical map of Baltimore County prepared by the Maryland Department of Geology. There is a settlement of homes, a group of homes to the immediate north of the beginning of the proposed transmission line where it leaves the existing transmission line.

This would be in the vicinity of Deepark Road and Berryman's Lane. There are also several sparsely spaced homes on Pleasant Hill Road where it crosses same. Other than that, I have seen no homes immediately adjacent to the line.

Q Are you familiar generally with the Sunnybrook area, Mr. Dorsey?

A Only in terms of driving through this area and flying over it.

Q Now, from your observations as to the location of the Sunnybrook area and from your investigation as to the proposed route of the transmission line, can you tell us whether there is any interference with the Sunnybrook development, in your opinion?

A I would not see how you could get through without acquiring property which would be improved property. That is to say, if you were to offer the route of the presently proposed line and if it were to go through Sunnybrook, I don't see how it could go through Sunnybrook without acquiring improved property.

Q With its present location with respect to Sunnybrook, it does not go through improved property, is that

correct?

A Yes, that is correct.

Q Then, in effect, what you have said is that there is no alternative, without going through improved property, other than the proposed route of this line in this area?

A Yes.

MR. BIDDISON: I have no other questions.

THE CHAIRMAN: Mr. Parker.

Q (By Mr. Parker) Mr. Dorsey, those ten or eleven houses you spoke of, that's called the Pleasant Hill development, or it is off Pleasant Hill Road, is that right?

A The first ten or eleven houses were off of Deepark Road and Berryman's Lane.

Q Isn't Pleasant Hill Road right there?

A No, sir.

Q Isn't there a bunch of houses around the Pleasant Hill Road area?

A Yes, I believe, as I testified, there are a group of homes along Pleasant Hill Road over which the proposed transmission line passes and it does pass immediately adjacent to, as I recall, an existing home.

Q Do you know whether or not that house belongs to a Mr. Reiter?

A No, I do not.

Q Are you fairly familiar with these 115 kv lines?

A Yes. I live next to one.

Q Do not coronas commonly occur in these lines?

A I have never seen it.

Q Are you familiar with this report of Jerome Wolff and Associates, dated January 1, 1966?

A No, I am not.

Q Are you familiar with the noise problem associated with high voltage lines?

A No. I do live near one and I ride underneath one on horseback quite often, as an officer of a trail riding club. The only noise I can think of would be an extremely high wind velocity. There is naturally a noise with wind passing over any object, be it a power line or a tree or what have you.

Q Have you gone over by foot this park area?

A No, I have not. Only the proposed transmission line.

Q Do you know anything about the ecological environment there?

A None other than which I have read. I have flown over the proposed Soldiers Delight area.

Q Do you know anything about the uniqueness of the serpentine barrens?

A None other than that which I have read.

Q Are you familiar with the flora and fauna that are there?

A Only as I have seen it, yes.

Q Do you know that this is the only place in the State of Maryland where holy grass grows?

A I am unwilling to state it and I will accept it as a correct statement.

Q There is no question in your mind that putting a power line through there would have an effect on this, is there?

MR. BIDDISON: I object to that.

THE CHAIRMAN: Sustained.

Would it have any effect on the flora and fauna and holy grass?

THE WITNESS: It would have an effect on it, yes.

Q Now, do you know anything about the cost of putting line underground as compared to over ground?

A Yes, I believe I do.

Q Is it customarily a five to one ratio, is that correct?

A No, I believe the ratio would be more properly described as a function of the voltage level and of the capacity, and if you are talking in terms of dollars per mile, also in terms of the length, because of the terminal equipment. I believe the applicant has testified a ratio of 7.3 to 1, excluding land.

Q Of course, if you include land, the cost ratio comes down?

A I don't believe this would be too sensitive to that, inasmuch as the cost of acquisition for land in the proposed power line as submitted by the applicant was \$76,000, I believe, subject to check and that constitutes approximately 35 acres of land, if the right of way were procured for underground instead of overhead, this 76,000

might have shrunken to some slightly smaller figure and I don't believe this would be discernible within a one and a quarter million dollar program.

Q Isn't it true that the present system of putting underground wires was originally developed in the early 1930's?

A I think that is true for distribution systems. I don't think that is true for transmission systems.

Q Well, is it my understanding that the transmission lines have to be placed in certain type of cable that has oil in it?

A Some means has to be made to remove the heat so generated by the transmission line. This is the whole problem and it is whole problem because in the air or an overhead line, there is radiation to the atmosphere, also convection and conduction cooling.

In placing it underground, we are restraining it, restraining the heat. The heat is usually removed by other inactive or passive systems. Often, oil is used, as you suggest.

Q Have there been substantial advances in the art

of placing these wires or cables underground in recent years?

A Yes, there has been.

Q That's had an effect of lowering the cost?

A Yes, it has had an effect of lowering the cost. It will have an effect to further lower the cost in the future.

THE CHAIRMAN: There is no question, Mr. Parker, this line could be placed underground. 115 can be placed --

THE WITNESS: I would stipulate there is no question it could be placed underground. There is no technological reason why it could not.

MR. PARKER: That is all I have.

Q (By Mr. Biddison) Mr. Dorsey, placing this line underground as compared to placing it overhead in the manner proposed, I think you said the ratio of costs would indicate that it would be 7.3 times more expensive to place this line underground rather than overhead?

A I was quoting your figure.

THE CHAIRMAN: He was quoting your figure.

THE WITNESS: I am accepting your figures as

being reasonable.

MR. BIDDISON: Thank you.

(Examination concluded.)

THE CHAIRMAN: That concludes the case?

MR. ROSE: I would just like to emphasize the regulation we are operating under in zoning is Section 411, Public Utility Uses.

"For public utility uses permitted only by Special Exceptions in addition to the provisions of Section 502, the following regulations shall apply:

"411.1 -- The use must be needed for the proper rendition of the public utility service and the location thereof shall not seriously impair the use of adjoining property.

"411.2 -- In any residential zone in the Metropolitan District of Baltimore County, public utility buildings and structures, to the extent practicable, shall have an exterior appearance harmonious with the general character of the neighborhood, including architectural treatment, landscaping, screen planting and/or fencing, and

SALOMON REPORTING SERVICE
100 Republic Building
Baltimore, Maryland 21202

5/17/70

plans therefor shall be approved by the Zoning Commissioner."

That does not apply here. I just read it for emphasis, that does not apply here. We are not in the metropolitan district. So, 411.1, which is a very small paragraph, is the only thing that applies, plus Section 502.

THE CHAIRMAN: Now, I understand that both counsel for the company and People's Counsel will submit written statements in lieu of oral argument?

MR. BIDDISON: That is correct, Mr. Doub.

THE CHAIRMAN: And in that statement, Mr. Parker, you will say whether you are opposing this application or whether you are supporting it, as the testimony revealed, or just what your position is, is that correct?

MR. PARKER: I am opposing it, you can rest assured on that, and I will certainly set that forth.

THE CHAIRMAN: You do appear in opposition to it?

MR. PARKER: Yes.

THE CHAIRMAN: You are aware of the difference in cost?

MR. PARKER: Absolutely.

SALOMON REPORTING SERVICE
100 Republic Building
Baltimore, Maryland 21202

5/17/70

I am not saying, it should be underground. I say it should go in another location and my primary position is the Telephone Company has not met its burden as to the necessity of running its line there.

MR. BIDDISON: That is right, I don't believe it has, the Telephone Company has not, but the Gas and Electric Company has.

THE CHAIRMAN: Are you making any suggestion as to an alternate route?

MR. PARKER: No, I don't think we have to make a suggestion as to an alternate route. The question before the body is whether they are entitled to a certificate of public necessity and convenience in putting it in this particular location.

THE CHAIRMAN: Have you considered the effect of any other location on the Sunnybrook development which is immediately adjacent to the park?

MR. PARKER: Have not, no, because I don't know whether I -- I personally think it would be probably better to move the line in than out, because the two lines with which this connects, as I understand, come closer together the further in you go.

SALOMON REPORTING SERVICE
100 Republic Building
Baltimore, Maryland 21202

5/17/70

THE CHAIRMAN: Further into the park?

MR. PARKER: No, further south, I guess, would be the direction.

MR. BIDDISON: South into the park area?

MR. PARKER: No, the other side of the park, closer to the city.

THE CHAIRMAN: It is on the side, the southern side of the park?

MR. PARKER: Right.

MR. BIDDISON: There is only one difficulty with that argument. There is no need for it where Mr. Parker proposes it be put. It is not feasible.

THE CHAIRMAN: We will accept the written memorandum without at this time passing on whether we will reopen the case for further investigation. If the statements of counsel should raise points that the Commission wants to hear additional testimony on, we will reserve the right to reschedule the case.

MR. BIDDISON: I think you certainly should, Mr. Doub. I also would like to indicate to the Commission the importance of prompt action in connection with this line.

SALOMON REPORTING SERVICE
100 Republic Building
Baltimore, Maryland 21202

5/17/70

The testimony of Mr. Zeller on the opening day of this hearing indicated that this line must be in service by this summer, if we are to have reliable service in this area. I think it is very important.

THE CHAIRMAN: I am just as impressed by Mr. Parker's problems. He is engaged in the Telephone Company rate case which is taking up a considerable amount of his time. How long will it take you for your memorandum, Mr. Parker?

MR. PARKER: I think six weeks would be adequate.

THE CHAIRMAN: Six weeks?

MR. BIDDISON: That's completely ridiculous.

MR. PARKER: I am going to be out of the country for three weeks.

MR. BIDDISON: You have how long before you go?

MR. PARKER: About a week.

MR. BIDDISON: I was going to suggest that a week be set for filing the memorandum.

THE CHAIRMAN: Can you file it in a week?

MR. PARKER: I think it would be highly unlikely it can possibly be done.

SALOMON REPORTING SERVICE
100 Republic Building
Baltimore, Maryland 21202

5/17/70

THE CHAIRMAN: I suggest we have oral argument in lieu of the memorandum.

MR. BIDDISON: I would like to waive my opening argument and close and hear Mr. Parker's argument first.

THE CHAIRMAN: Waive your opening argument and close and hear Mr. Parker's argument first? I see, your closing opening argument.

MR. PARKER: I am not prepared to argue it right this minute.

THE CHAIRMAN: Of course you are not. How about 9:00 a.m. next Wednesday morning, at the Public Service Commission, 301 West Preston Street, Room 901?

MR. BIDDISON: All right.

THE CHAIRMAN: All right, 9:00 a.m., Mr. Constantine. Put it on the agenda.

(Hearing adjourned.)

SALOMON REPORTING SERVICE
100 Republic Building
Baltimore, Maryland 21202

5/17/70

INDEX

Witness	Page
Jack H. Anderson (By Mr. Parker)	134
(By Mr. Biddison)	154
(By Mr. Parker)	163
(By Mr. Biddison)	168
Donald U. Peragoy (By Mr. Parker)	175
(By Mr. Buchanan)	189
Mrs. Nancy D. Rowe (By Mr. Parker)	196
C. Boyd Telfair (By Mr. Parker)	203
M. Jastrow Levin (By Mr. Parker)	210
(By Mr. Biddison)	214
John W. Dorsey (By Mr. Biddison)	224
(By Mr. Parker)	227
(By Mr. Biddison)	232

People's Counsel Exhibits

No. 1 - Regional Planning Council Map	146
No. 2 - Regional Planning Council Resolution	149
No. 3 - Tax Plat	179

SALOMON REPORTING SERVICE
100 Republic Building
Baltimore, Maryland 21202

5/17/70

PUBLIC SERVICE COMMISSION

OF MARYLAND

ORDER NO. 57573

IN THE MATTER OF THE APPLICATION
OF BALTIMORE GAS AND ELECTRIC
COMPANY FOR A CERTIFICATE OF
PUBLIC UTILITY AND NECESSITY
FOR THE CONSTRUCTION OF A 115-KV
TRANSMISSION LINE FROM ROXBOROUGH
SUBSTATION, NORTHEAST CORNER OF
HARRISBURG, TO AN EXISTING
TRANSMISSION LINE NEAR BELFIELD
ROAD, SOUTHWEST CORNER OF HILLS,
IN BALTIMORE COUNTY, MARYLAND.

NOTICE TO
PUBLIC SERVICE COMMISSION
OF MARYLAND
CASE NO. 6651

On February 17, 1967, Baltimore Gas and Electric Company (hereinafter sometimes referred to as "Applicant") filed an application under Section 541 of the Public Service Commission Law for a certificate of public convenience and necessity for the construction of a double circuit 115-KV transmission line from Applicant's Roxborough Substation to a point on the existing Ring transmission line near Belfield Road, southwest of Owing Mills in Baltimore County, Maryland. The proposed transmission line is to extend southerly from the Roxborough Substation, parallel to an existing transmission line for approximately 2.59 miles to the vicinity of Bear Park Road and Harryman's Lane and then will run in an easterly direction approximately 2.65 miles to join the existing company ring circuit transmission line southwest of the Belfield Substation.

Copies of the application were mailed by the Applicant to the County Council of Baltimore County, to the Office of Planning and Zoning of Baltimore County, and to members Federal and state agencies. The Commission advised the County Council of Baltimore County and the Office of Planning and Zoning, as to the date and place of the initial hearing and of their right to participate. In addition to informing local authorities, the Commission furnished members Federal and state agencies with like information.

PUBLIC SERVICE COMMISSION
OF MARYLAND

The applicant has also filed with the Office of Planning and Zoning of Baltimore County, a petition on January 22, 1969, requesting a special exception for the segment of the proposed line from Bear Park Road and Berryman's Lane, ending having been obtained with respect to the 2.39 miles which paralleled the existing transmission line. Accordingly, joint hearings were held with the Planning Commissioners of Baltimore County, John V. Rose, on March 19, 1969, April 16, 1969, and on April 17, 1969.

Notice of the initial hearing had been duly published once each week during the two successive weeks immediately prior to the hearing date in "The Baltimore Sun" and "The Jeffersonian," newspapers of general circulation in Baltimore County, Maryland.

At the initial hearing, Applicant appeared by Counsel. People's Counsel entered his formal appearance in the matter. It developed at the outset of the hearing that the transmission line route as proposed by the Company may traverse an undeveloped natural environment area known as "Soldiers Delight." This possibility had been brought to the attention of People's Counsel within a few days prior to the scheduled hearing. Consequently, his office lacked the sufficient time to study the matter and determine whether the proposed line did in fact traverse historic or scenic places. On the basis of the foregoing, immediately after the opening statement of Counsel for the Applicant, he requested that opportunity be provided after Applicant's direct case to present a case in opposition if warranted. The motion was granted, with the agreement of Counsel.

Hearings resumed on April 16, 1969, at which time Applicant offered evidence in support of its petition, stating that an investigation revealed the proposed "Soldiers Delight" park area comprises an area of approximately 200 acres located about five miles southwest of Reisterstown, Maryland, and that funds for land acquisitions have been committed by the Maryland Department

PUBLIC SERVICE COMMISSION
OF MARYLAND

of Forests and Parks, by the Baltimore County Board of Recreation and Parks, and by Federal Housing and Urban Development. Also, that all of the property in the proposed park area is presently privately owned and that the worst boundaries of the Soldiers Delight area are not specific since there has not been a public dedication.

The Applicant presented three witnesses in this proceeding, the first being its Assistant Manager, Electric Distribution Department, Electric Operating Division, Mr. George J. Keller, who testified that the proposed line is necessary before the winter of 1969 in order to insure an adequate supply of electricity to the Metropolitan Baltimore area from the Northwestern Substation, describing the line as a link in the chain of transmission of power from generating sources at the nine miles near Pittsburgh to the Baltimore Metropolitan area. Mr. Keller testified that the load growth of the Baltimore system approximates seven (7) per cent per year, necessitating a doubling of plant every ten years. The approximate length of the entire line will be 5.35 miles, 2.89 miles paralleling an existing 115-KV line to Bear Park Road and Berryman's Lane where the line bears at angle for an additional 2.46 miles to join the transmission ring circuit. It is the latter section of 2.46 miles which may pass through the presently undeveloped boundary of Soldiers Delight at the northeast corner of the park. It was testified that in selecting the route, the Applicant had considered, in addition to distance and entry habitation, avoidance of property, preservation of the natural terrain as far as possible, and also the least interference with the least number of people. It was testified that no part of the proposed line passes through a housing development.

The record indicates that the entire cost of the project will amount to \$2,085,000, of which \$700,000 is allocable to the cost of the overhead line and \$1,385,000 to the addition to the Northwest Substation. The remaining \$76,000 represents the cost of the right of way. Operating expenses with respect

PUBLIC SERVICE COMMISSION
OF MARYLAND

thereto were estimated at \$193,000, exclusive of income taxes.

Applicant's second witness, Mr. John A. Hager, a real estate appraiser, testified that the proposed transmission line will have no effect in the economic value of property along the right of way.

The Applicant presented as its final witness, Mr. William A. Farr, Deputy Director of the Department of Forests and Parks, State of Maryland. Mr. Farr explained the plans for the acquisition of Soldiers Delight. It was testified that Soldiers Delight Park was proposed several years ago being included in the master plan for State Parks in 1965. The first funds for the purchase of land were appropriated by the 1968 General Assembly contingent upon provision of \$25,000, from private sources and upon Baltimore County providing \$75,000 in funds. In addition to the foregoing, an allotment of \$202,500 was secured under the Open Space Fund Program of Housing and Urban Development for open space acquisition for a total of \$579,500. The General Assembly at its last session appropriated an additional \$600,000 to be available as of June 1, 1969. The estimated cost of the entire park is approximately \$1,500,000. It was further testified that a portion of the area has been surveyed and in all probability actual acquisitions will start within thirty days. Mr. Farr, stated that in his opinion the construction and maintenance of the proposed line would not be detrimental to the use of the land as a park. It was stated that the Department of Forests and Parks were not opposed to the construction of the line, because as planned it would cross the northeast corner of the park, rather than the center. It developed during cross-examination that the proposed line would traverse approximately 7,400 feet of park area.

PUBLIC SERVICE COMMISSION
OF MARYLAND

People's Counsel introduced as his first witness, Mrs. Solomon Hager, who is the present chairman of the Citizens Committee for Soldiers Delight Park, having served in that capacity for seven years. Mrs. Hager described the activities of the Citizens Committee for Soldiers Delight Park as a ten year fight by 200,000 citizens of Maryland, to have the park put in the State Master Plan and also to get money appropriated for the purchase of land. Mrs. Hager compared the area from a geological standpoint with Grand Canyon Park, stating that it was as unique but on a smaller scale. The witness also stated that she was also participating at the hearing of the "United Reisterstown Citizens Committee," a group of property owners and neighbors in the Reisterstown area who wish to go on record that the area be preserved by the placing of high tension wires underground.

On April 17, 1969, People's Counsel offered as his witness, Mr. Jack H. Anderson, a regional planner on the staff of the Regional Planning Council. Mr. Anderson identified and read into the record a resolution adopted on January 17, 1969 by the Regional Planning Council the purpose of which was to underscore the importance of Soldiers Delight in an endeavor to expedite its acquisition as a park. Mr. Anderson testified that one of the functions of the Regional Planning Council was to formulate plans of desirable areas which might be dedicated as parks. He described Soldiers Delight as presently planned, as an integral part of an overall metropolitan area being an open space between two rapidly growing areas. The witness recognized the growth in power demand and the need for transmission lines to supply power from the generating sources to the point of distribution. Mr. Anderson testified that the proposed line will not sever the park in two, it will not split the park in two equal parts, and that the visual impact on the general area will

PUBLIC SERVICE COMMISSION
OF MARYLAND

be limited to the northeast twenty-five or thirty (30) per cent of the total acreage. Mr. Anderson characterized the transmission line as being distracting to the casual user of the park, and not disruptive.

The Commission offered as its only witness, Mr. John V. Dorsey, a Chief Cost Study Engineer on the Commission's staff. Mr. Dorsey stated that he reviewed the application, inspected the proposed site via automobile and hiking and then by helicopter. Mr. Dorsey testified that the need for the line is predicated on the growth demand for the entire Baltimore metropolitan area. It is also predicated on the generation within the Applicant's system, versus generation within the entire P&D network and the transfer of power that would probably be effected between the Applicant and the P&D to achieve the economy of total generation. The witness further testified that the proposed construction would give credibility to the system to provide the power that will be demanded, without it there is a very great possibility of outages occurring. Mr. Dorsey was in agreement with the Applicant that the placing of this particular line underground would be 7.3 times more expensive than overhead, and that there appeared to be no alternative route available without going through improved property.

The Applicant in this proceeding, Baltimore Gas and Electric Company, has established that the construction of a 115-KV transmission line from Northwest Substation to the Ring Line in the vicinity of Belfield Road in Baltimore County, Maryland, is needed to meet present and future demands for service, will improve the electric system reliability in the area, and thereby reinforce system stability, and that the economic effects are reasonable. From the evidence in the record it appears that the urgency and need for the transmission line greatly exceeds the possible disruptive

PUBLIC SERVICE COMMISSION
OF MARYLAND

effect it may have, if any, on the occasional park user. It will not adversely affect the use of Soldiers Delight Park.

The Commission having considered the entire record hereto and being fully advised in the premises is of the opinion and finds that:

(1) Baltimore Gas and Electric Company is a corporation duly organized and existing under and by virtue of the laws of the State of Maryland, with its principal office in the City of Baltimore, Maryland, and that it is an "electric company" within the meaning of Section 2(f), Article 78 of the Public Service Commission Law, 1957; and by reason of the foregoing the Commission has jurisdiction of the Applicant and the subject matter herein.

(2) Applicant has applied in this proceeding for a certificate of public convenience and necessity to construct a 115-KV transmission line 5.35 miles in length from the Northwest Substation to the Ring Line in the vicinity of Belfield Road in Baltimore County, Maryland.

(3) Public notice of the filing of the application, and of the hearing thereof, had been given.

(4) The Department of Forests and Parks - State of Maryland offered no objection to the proposed route. Neither did the Regional Planning Council.

(5) The total cost of the entire project including the addition to the Northwest Substation is estimated at \$2,085,000.

PUBLIC SERVICE COMMISSION
OF MARYLAND

(6) The proposed 115-KV transmission line as outlined in Finding (2) is required because of the system wide load growth of the Applicant.

(7) Construction of the transmission line will improve the electric system reliability and stability.

(8) The construction of the proposed 115-KV transmission line 5.35 miles from the Northwest Substation to Ring Line in the vicinity of Belfield Road in Baltimore County, Maryland, will promote the public convenience and is necessary thereto, and a certificate of public convenience and necessity should be granted to Baltimore Gas and Electric Company for the construction of same.

IT IS, THEREFORE, this 23rd day of April, in the year Nineteen Hundred and Sixty-nine, by the Public Service Commission of Maryland,

ORDERED: (1) That a certificate of public convenience and necessity be, and it hereby is, granted to Baltimore Gas and Electric Company for the construction of a 115-KV transmission line 5.35 miles in length, along the route as shown on Exhibit A to the application filed in this proceeding.

(2) The certificate of Public Convenience and Necessity herein granted shall be the following:

Certificate of Public Convenience and Necessity

It is hereby certified that Public Convenience and Necessity require the construction, operation and maintenance of the proposed 115-KV transmission line as described in Finding (2) herein, and the transmission of

PUBLIC SERVICE COMMISSION
OF MARYLAND

an electric utility business in connection therewith along the route stated in Finding (2) and as more fully set forth in Exhibit A of the application.

William O. Doh

By: Robert G. Schaefer, Jr.
Commissioner

2 Signs 67-194-X

CERTIFICATE OF POSTING
ZONING DEPARTMENT OF BALTIMORE COUNTY
Towson, Maryland

District 4th Date of Posting 2-27-69
 Posted for Special Exception
 Petitioner Baltimore Gas & Elec Co
 Location of property 255 S. of BOWMAN'S LANE & 4TH ST. Existing
TRANSMISSION LINES 2700' N. of Delfield Rd.
 Location of Signs On CLASANT Hill Rd 2700' N. of Delfield Rd.
(2 - Church Lane - 550' N. of Delfield Rd)
 Remarks _____
 Posted by [Signature] Date of return 3-6-69
 Signature

State of Maryland
Office of Public Service Commission

The preceding copy has been compared with the original

ORDER NO. 57573 - IN THE MATTER OF THE APPLICATION OF BALTIMORE GAS AND ELECTRIC COMPANY FOR A CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY FOR THE CONSTRUCTION OF A 114-KV TRANSMISSION LINE, ETC. - PAGE NO. 6251,

on file in this office and I do HEREBY CERTIFY the same to be a correct transcript therefrom and of the whole thereof.

Witness, my hand and the Seal of Office of the
Public Service Commission, at the city of
Baltimore, this 23rd day of
APRIL one thousand nine hundred
and SIXTY-NINE.

[Signature]
Secretary.

TELEPHONE
823-3000
EXT. 387

INVOICE
BALTIMORE COUNTY, MARYLAND
OFFICE OF FINANCE

No. 60859

DATE Feb. 21, 1969

Division of Collection and Receipts
COURT HOUSE
TOWSON, MARYLAND 21204

BILLED BY

To: Baltimore Gas and Electric Co.
Baltimore, Md. 21203

Zoning Dept. of Baltimore County

DEPOSIT TO ACCOUNT NO. 01-622

RETURN THIS PORTION WITH YOUR REMITTANCE

TOTAL AMOUNT \$50.00

QUANTITY	DESCRIPTION	COST
1	Petition for Special Exception 67-194-X	50.00
4		

IMPORTANT: MAKE CHECKS PAYABLE TO BALTIMORE COUNTY, MARYLAND
MAIL TO DIVISION OF COLLECTION & RECEIPTS, COURT HOUSE, TOWSON, MARYLAND 21204

JOHN H. ROSE, Esq.
25 W. Pennsylvania Avenue
Towson, Maryland 21204

BALTIMORE COUNTY OFFICE OF PLANNING AND ZONING

County Office Building
111 W. Chesapeake Avenue
Towson, Maryland 21204

Your Petition has been received and accepted for filing this

1st day of February, 1969.

[Signature]
JOHN H. ROSE,
Zoning Commissioner

Petitioner Baltimore Gas and Elec. Co.

Petitioner's Attorney John H. Rose, Esq.

Reviewed by [Signature]
Chairman of
Advisory Committee



PLAT TO ACCOMPANY PETITION OF
BALTIMORE GAS AND ELECTRIC COMPANY

PLAN SHOWING TRANSMISSION LINE RIGHT-
OF-WAY THROUGH AREA ZONED R-40
4TH. ELECTION DIST. BALTO. CO., MD.

SCALE 1" = 1000' ±

DRAWN FLOYD DATE DECEMBER 26, 1968

CHECKED APPROVED

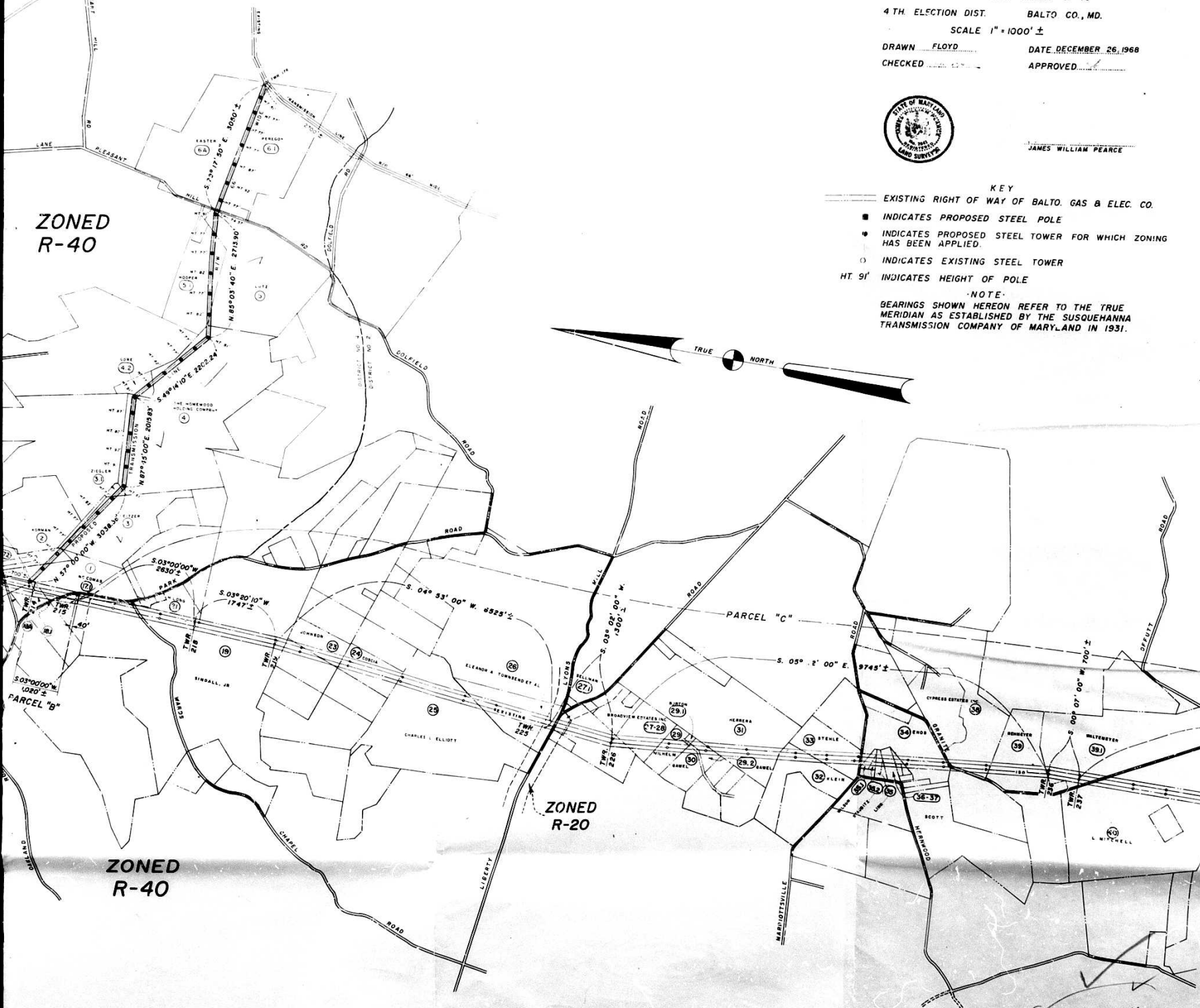
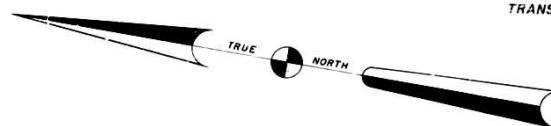


JAMES WILLIAM PEARCE

ZONED
R-40

- KEY
- EXISTING RIGHT OF WAY OF BALTO. GAS & ELEC. CO.
 - INDICATES PROPOSED STEEL POLE
 - INDICATES PROPOSED STEEL TOWER FOR WHICH ZONING HAS BEEN APPLIED.
 - INDICATES EXISTING STEEL TOWER
 - HT. 91' INDICATES HEIGHT OF POLE

NOTE:
BEARINGS SHOWN HEREON REFER TO THE TRUE
MERIDIAN AS ESTABLISHED BY THE SUSQUEHANNA
TRANSMISSION COMPANY OF MARYLAND IN 1931.



ZONED
R-40

ZONED
R-20

BALTIMORE

COUNTY

DISTRICT

NO.

2

#69-194X
MAP #4
SEC. 1-C
SEC. 2-C
NW-12-K
NW-11-J
NW-10-I
NW-9-H
"X"

PLAT TO ACCOMPANY PETITION OF
BALTIMORE GAS AND ELECTRIC COMPANY

PLAN SHOWING TRANSMISSION LINE RIGHT-
OF-WAY THROUGH AREA ZONED R-40
4TH ELECTION DIST. BALTO. CO., MD.
SCALE 1" = 1000' ±

DRAWN FLOYD DATE DECEMBER 26, 1968
CHECKED [Signature] APPROVED [Signature]

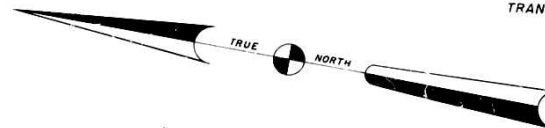


414-67
(9055)

JAMES WILLIAM PEARCE

- KEY
- EXISTING RIGHT OF WAY OF BALTO. GAS & ELEC. CO.
 - INDICATES PROPOSED STEEL POLE
 - INDICATES PROPOSED STEEL TOWER FOR WHICH ZONING HAS BEEN APPLIED.
 - INDICATES EXISTING STEEL TOWER
 - HT 91' INDICATES HEIGHT OF POLE

NOTE:
BEARINGS SHOWN HEREON REFER TO THE TRUE
MERIDIAN AS ESTABLISHED BY THE SUSQUEHANNA
TRANSMISSION COMPANY OF MARYLAND IN 1931.



PLANS APPROVED
[Signature]
DATE 1/1/69

ZONED
R-40

ZONED
R-20

ZONED
R-40

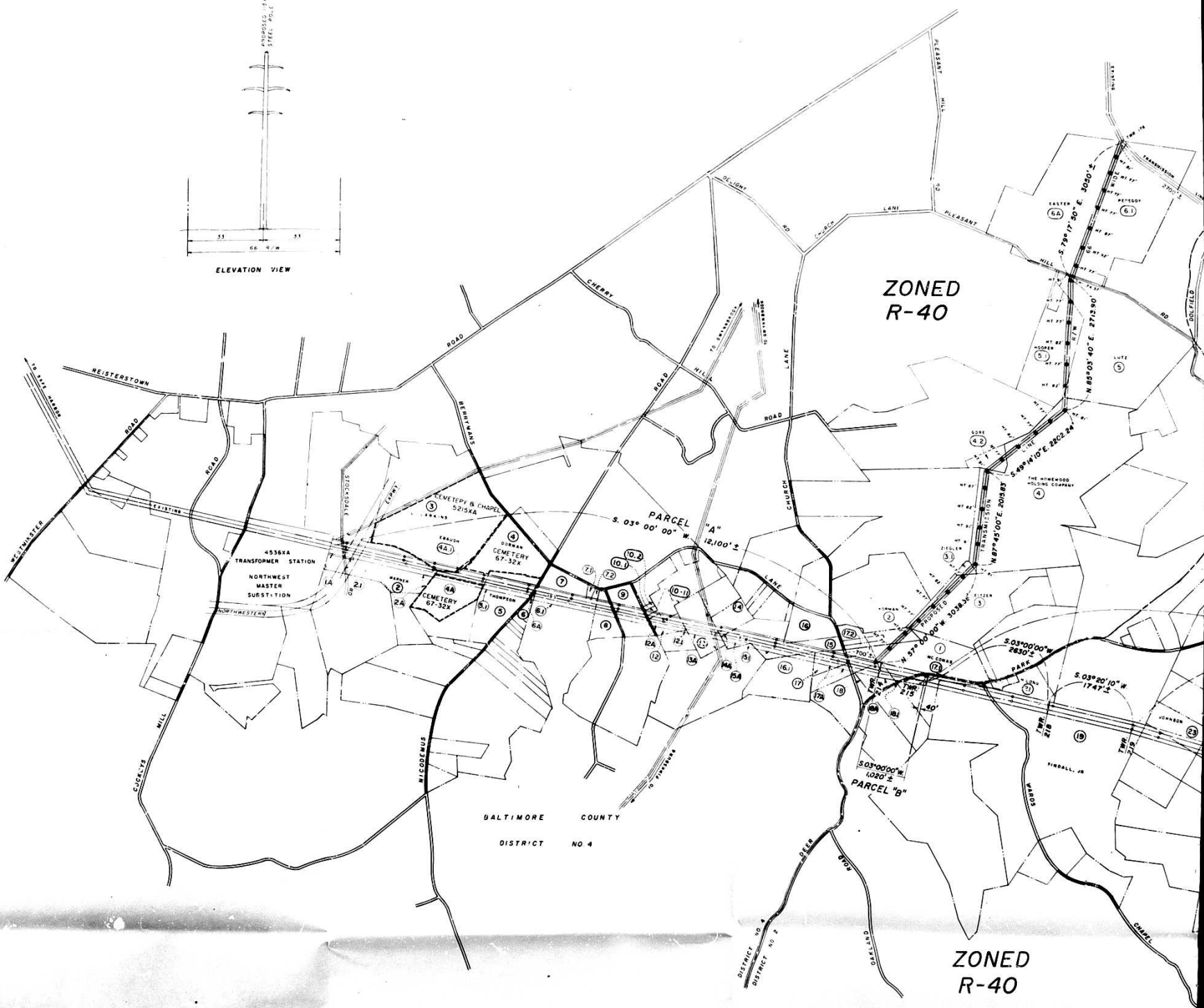
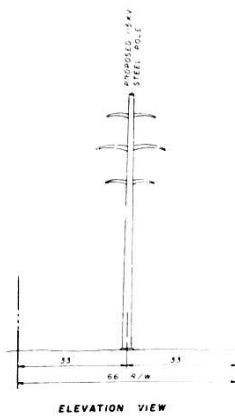
BALTIMORE

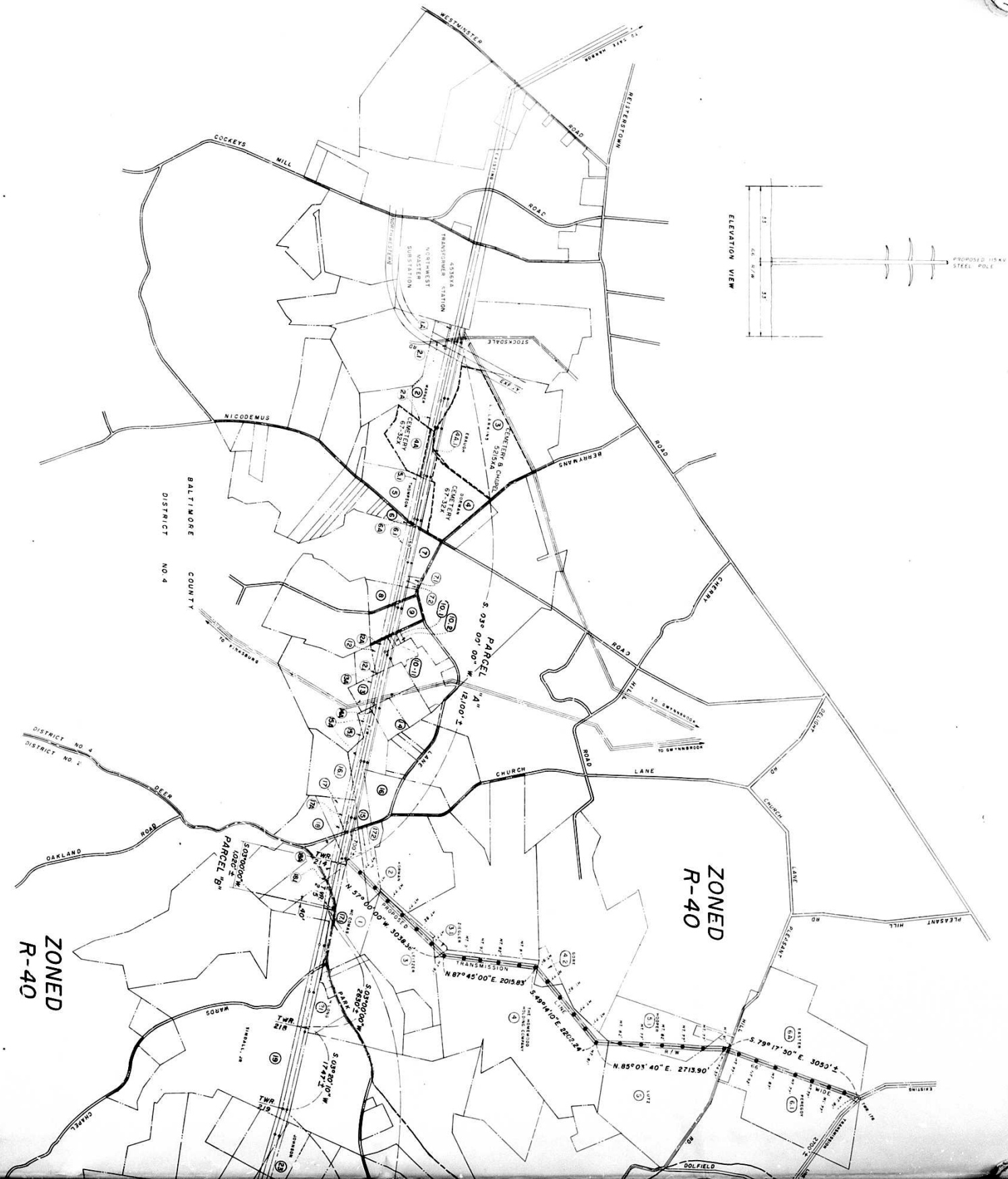
COUNTY

DISTRICT

NO.

2





PLAT TO ACCOMPANY PETITION OF BALTIMORE GAS AND ELECTRIC COMPANY

PLAN SHOWING TRANSMISSION LINE RIGHT-
OF-WAY THROUGH AREA ZONED R-40
4TH ELECTION DIST. BALTO. CO., MD.

SCALE 1" = 1000' ±

DRAWN BY FLOYD DATE DECEMBER 26, 1968

CHECKED BY DATE APPROVED

414-69
(965)



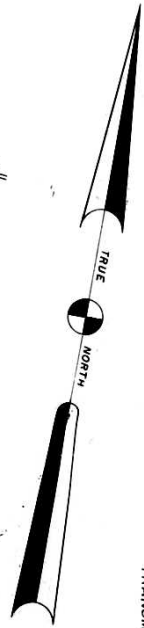
JAMES WILLIAM PEARCE

PLANS APPROVED
OFFICE OF PLANNING & ZONING
BY
DATE 6-9-194 X

KEY

- EXISTING RIGHT OF WAY OF BALTO. GAS & ELEC. CO.
- INDICATES PROPOSED STEEL POLE
- INDICATES PROPOSED STEEL TOWER FOR WHICH ZONING HAS BEEN APPLIED.
- INDICATES EXISTING STEEL TOWER
- HT. 91' INDICATES HEIGHT OF POLE

NOTE:
BEARINGS SHOWN HEREON REFER TO THE TRUE MERIDIAN AS ESTABLISHED BY THE SUSQUEHANNA TRANSMISSION COMPANY OF MARYLAND IN 1931.



APPROVED
JAMES WILLIAM PEARCE
JANUARY 10, 1969

