

# THE DETROIT EDISON COMPANY

2000 SECOND AVENUE  
DETROIT, MICHIGAN 48226

February 5, 1970

RECEIVED  
MICHIGAN PUBLIC SERVICE  
COMMISSION  
FEB 6 1970  
PUBLIC UTILITIES DIVISION

Permit No. ED2-8-6446

Michigan Public Service Commission  
Lansing 13, Michigan

Gentlemen:

I, M.F. Wider, Assist. Supt. Towers, Conduit & Piping  
of The Detroit Edison Company, Detroit, Michigan, hereby certify that the  
wire crossing, covered by Wire Crossing Permit No. ED2-8-6446,  
issued 11-7-69, has been constructed in accordance with  
specifications of the Michigan Public Service Commission and construction  
standards of The Detroit Edison Company, approved by Michigan Public Service  
Commission on July 19, 1939, file ED 2-9.01, and that this crossing will be  
maintained as provided in such specifications and construction standards.

Yours very truly,

*M.F. Wider*

RX No. 3439B  
P. C. 303  
Location East China Twp.,  
St. Clair County, Michigan  
Railroad Port Huron and  
Detroit Railroad Co.

Subscribed and sworn to before me this  
5th day of February, 19 70.  
*Joseph V. Strauss*  
Joseph V. Strauss  
Notary Public, Wayne  
County, Michigan.  
My Commission expires 1-23-71

RECORDED RIGHT OF WAY NO. 30191 720

# THE DETROIT EDISON COMPANY

2000 SECOND AVENUE  
DETROIT 26, MICHIGAN

November 3, 1949

Michigan Public Service Commission  
Lansing 13, Michigan

Gentlemen:

The Detroit Edison Company, Detroit, Michigan, hereby makes application for authority to string the following wires over the tracks of the **Port Huron and Detroit Railroad Company in P.C. 303, in East China Township, St. Clair County, Michigan.**

**One 345,000 volt transmission circuit on North side of towers with two ground wires and one 345,000 volt transmission circuit on South side of towers. Located approximately 1550 ft. South of Homer Road.**

The proposed wire crossing will be constructed in accordance with specifications of the Michigan Public Service Commission and the construction standards of The Detroit Edison Company, approved by the Michigan Public Service Commission on July 19, 1939, File ED 2-9.01.

- Enclosed is a waiver of hearing granted by the Railroad Company. **Dated 10-30-49**
- Waiver of hearing by the Railroad Company is covered by blanket waiver.
- This application covers reconstruction of existing crossing and will ~~cancel~~ **cancel** and supersede wire crossing permit No. ~~EDS-8-2144~~ **EDS-8-2144** dated ~~11-29-39~~ **10-29-43**
- This is a new crossing.

Reference number of construction drawing is RX- **3430**

JWS:mis

Yours very truly,

Permit No. EDS-8-6446 ✓

*I. W. Gable*  
**I. W. Gable**  
Supervisor of Rights of Way  
Properties and Rights of Way Dept.

Date 11-7-49

By MFDC

Check in circle indicates statement applicable.

RECORDED FROM OT WAY NO.

30191 P30

**PORT HURON AND DETROIT RAILROAD COMPANY**

GEORGE Y. DUFFY  
VICE PRESIDENT & GENERAL MANAGER

**PORT HURON, MICHIGAN 48060**

**October 30, 1969**

I. W. GAMBLE  
OCT 31 1969  
PROP. & R/W DEPT.

The Detroit Edison Company  
2000 Second Avenue  
Detroit, Michigan 48226

Attn: Mr. I. W. Gamble, Supervisor  
Rights-of-Way

Subj: Request for use of facilities

Gentlemen:

The Port Huron and Detroit Railroad Company hereby waives hearing in the matter of the request of the Detroit Edison Company for permission for use of facilities over our tracks and/or right-of-way as follows:

**PROPOSED CONSTRUCTION:** Existing one 345,000 volt, transmission circuit with two ground wires on North side of towers and proposed one 345,000 volt transmission circuit on South side of towers.

**SPECIFIC LOCATION:** Approximately 1550 ft. South of Remer Road.

It is understood that all construction will be done in accordance with the rules and regulations of the Michigan Public Service Commission.

Very truly yours,

*George Y. Duffy*  
Vice President - General Manager

GYD/pr

RECORDED  
INDEXED  
OCT 31 1969  
30191 Pa-0

# THE DETROIT EDISON COMPANY

2000 SECOND AVENUE  
DETROIT, MICHIGAN 48226  
October 28, 1969

TO:

**Mr. George Y. Duffy**  
**Vice President and General Manager**  
**Port Huron and Detroit Railroad Company**  
**Port Huron, Michigan**

**Proposed Overhead Wire Crossing:**

**Existing one 345,000 volt, transmission circuit with two ground wires on North side of towers and proposed one 345,000 volt transmission circuit on South side of towers.**

**Specific Location**

**Approximately 1550 ft. South of Remer Road.**

R. R. Valuation Station \_\_\_\_\_ R. R. Mile Post \_\_\_\_\_

City/Village \_\_\_\_\_ Township **East China, P. C. 303**

County **St. Clair** Detroit Edison Plan Attached **RX-3439B**

This is a New Crossing \_\_\_\_\_ This is a Reconstruction of Existing Crossing **X**

Previous Agreement Information (if any) Date \_\_\_\_\_ (R. R. Plan) \_\_\_\_\_

Blanket Waiver of Hearing Covers \_\_\_\_\_ Waiver of Hearing Requested **in duplicate**  
(Waiver of Hearing to be mailed to applicant listed below)

All construction will be done in accordance with the rules and regulations of the Michigan Public Service Commission.

**JVS:mls**  
**Enc.**

*I. W. Gamble*  
**I. W. Gamble, Supervisor of Rights of Way**  
**Properties and Rights of Way Department**

RECORDED  
INDEXED  
OCT 30 1969  
30191 P20

STATE OF MICHIGAN  
BEFORE MICHIGAN PUBLIC SERVICE COMMISSION

Standard Railroad Wire-Crossing Permit No. **RD2-8-6446**

In Re Application of **The Detroit Edison Company**  
**2000 Second Avenue**  
**Detroit, Michigan 48226**

Pursuant to Act No. 171 of the Session Laws of 1893, as amended, application having been made to Michigan Public Service Commission by said **The Detroit Edison Company**

for permission to string wires across the tracks of the **Port Huron and Detroit Railroad Company**

and said **The Detroit Edison Company**

having conformed to the Commission's rules governing the filing of notices and issuing of permits for the construction of electrical lines and said rail road company having waived the right of notice and hearing provided for in said act  
THEREFORE, It is ordered that said

**The Detroit Edison Company**

be permitted to string the following described wires across the tracks of said railroad at the following described place:

**Township of East China**

**County of St. Clair**

**State of Michigan**

**Towers #7621 - #7622**  
**Crossing of two (2) 345 kV, 60 Hz, 3 phase, 6 wire circuits with two (2) shield wires, on steel towers, (a) St. Clair-Pontiac #1 circuit on north side of towers and (b) St. Clair-Stephens on south side of towers, located approximately 1550' south of Remer Road, P.C. 303, T4N, R17E**  
**South Side (St. Clair-Stephens)**  
**6 - #954 Kcmil (54/7) ACSR Phase Conductors (18" sub-spacing)**  
**North Side (St. Clair-Pontiac #1)**  
**6 - #954 Kcmil (54/7) ACSR Phase Conductors (18" sub-spacing)**  
  
**2 - #159 Kcmil (12/7) ACSR Shield Wires**

as indicated on the attached plans, when, as and if approved. **Per Drawing RX-3439B**

At the point of crossing said wires shall be installed in accordance with this Commission's rules and regulations.

Given under our hands and the Official Seal of this Commission at the City of Lansing, State of Michigan, this **seventh** day of **November** A.D. 19 **69**

**MICHIGAN PUBLIC SERVICE COMMISSION**

**Willis F. Ward**  
.....  
Chairman,

**William A. Boos, Jr.**  
.....  
Commissioner,

**Lenton G. Sculthorp**  
.....  
Commissioner.

Countersigned

**Earl B. Klemparens**  
.....  
Secretary

RECORDED RIGHT  
NOV 16 1969

**STATE OF MICHIGAN**  
**Office of the Michigan Public Service Commission**

SS.

I, Earl B. Klomparens, Secretary of the Michigan Public Service Commission Do Hereby Certify,  
That I have compared the annexed copy of **Railroad Wire Crossing Permit**  
**No. ED2-8-6446**

with the original, and that it is a true and correct transcript therefrom, and of the whole of such original.

In Testimony Whereof, I have hereunto set my hand and affixed the seal of the Commission, at Lansing, this **seventh** day of **November** in the year of our Lord one thousand nine hundred **sixty-nine**

*Earl B. Klomparens*  
Secretary

RECORDED RIGHT OF WAY NO. 30191 1930

DATA SHEET TO ACCOMPANY DRAWING RX-3439B

Existing Permits ED2-8-5644 dated 10/13<sup>29</sup>/65 and ED2-8-4654 dated 11/18/59

Name of Company

The Detroit Edison Company

Name and Location of Crossing

Crossing of the St. Clair-Pontiac #1 345 KV circuit over the PH&D Railroad approximately 1550' south of Remer Road, East China Township, St. Clair County, Michigan on north side of towers and St. Clair-Stephens 345 KV circuit on south side of towers.

Circuits

Existing one 345,000 volt, 60 cycle, 6 wire, 3-phase transmission circuit on north side with two ground wires. Proposed one 345,000 volt, 60 cycle, 6 wire, 3-phase transmission circuit on south side.

Towers and Crossarms:

Steel towers and crossarms per attached dwg. EB, EL, EM.

Conductors

Proposed and existing, two - 954 MCM 54/7 ACSR per phase for 345 KV with 18" sub-spacing, and two ground wires of 159 MCM 12/7 ACSR.

Insulators

Proposed and existing 17 - 5-3/4 x 10" suspension insulators OB #32440 or equivalent in suspension and 17 - 5-3/4 x 10" insulators Lapp 40640 or equivalent in deadend for 345 KV.

Guy and Guy Attachments

None

Guy Clamps and Insulators

None

Guy Anchor and Anchor Rods

None

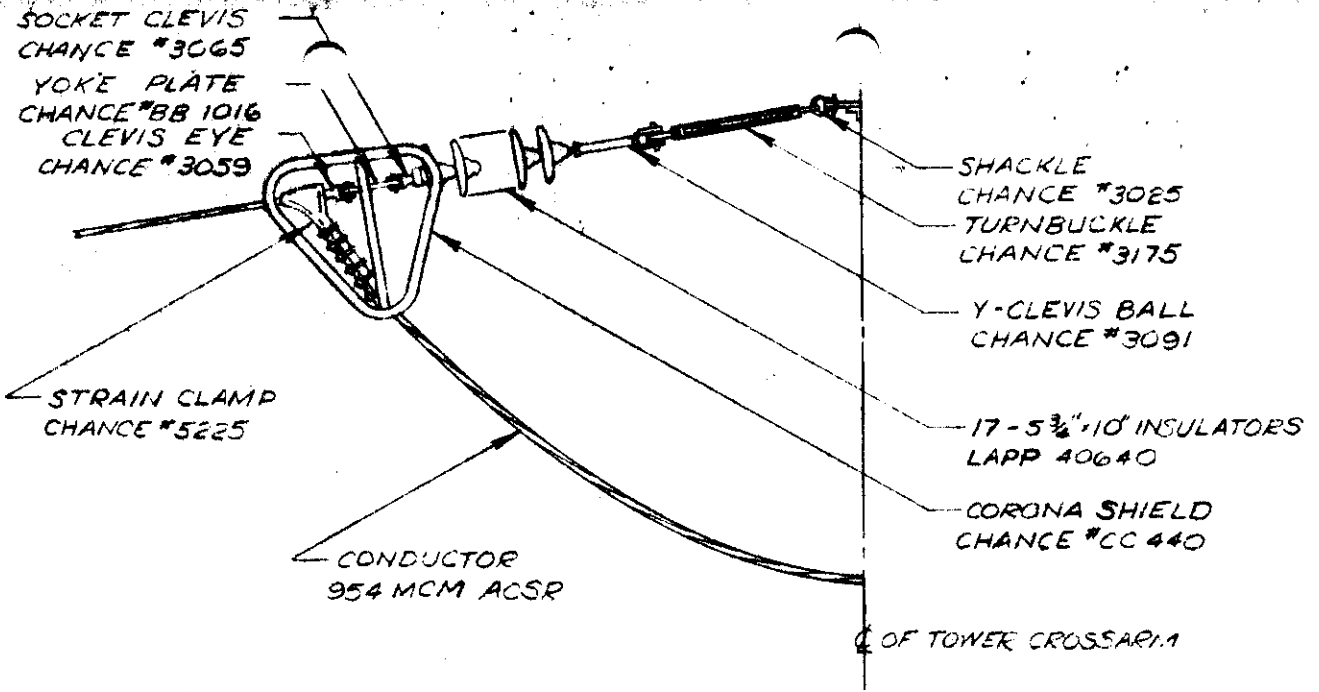
Suspension and Deadend Details

As shown on drawing ED-5924 for 345 KV.

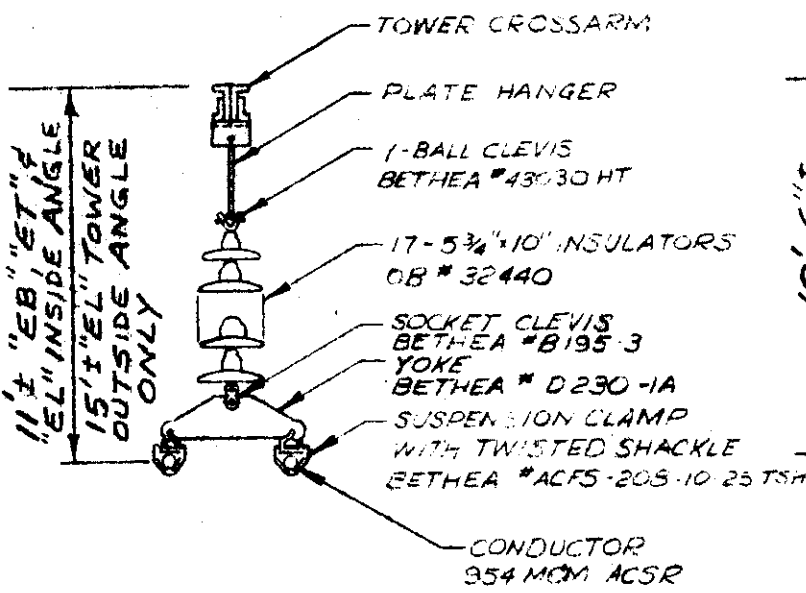
General Engineering Dept.  
CVP/cjb 10/27/69

RECORDED RIGHT OF WAY NO.

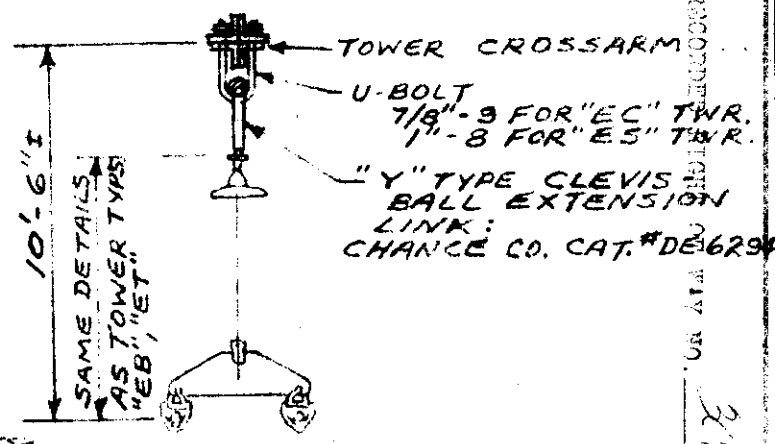
30191130



DEAD-END DETAILS (A.B. CHANCE OR EQUIVALENT)  
 TOWER TYPES: "EH", & "EM"



SUSPENSION DETAILS  
 TOWER TYPES: "EB", "ET", & "EL"  
 EXCEPT AS NOTED



SUSPENSION DETAILS  
 TOWER TYPES: "EC", & "ES"

REV. 10/11/68 MLF  
 REVISED: 8/21/68 MLF

345 KV. SUSPENSION AND DEAD-END DETAILS

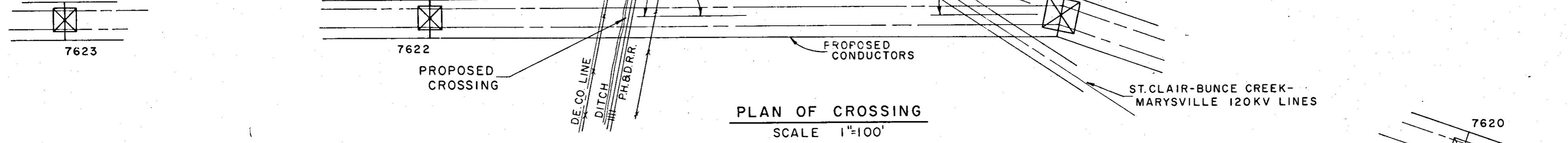
APPROVED <i>J.M.V.</i>	THE DETROIT EDISON COMPANY GENERAL ENGINEERING DEPARTMENT	
LAYOUT BY R.O. STURDY	DRAWN BY R.O. STURDY	
DATE 10/12/65	DRAWING NUMBER ED-5924	
SCALE NONE		

RECORDS SECTION  
 MAY 19 1968  
 3191 POC

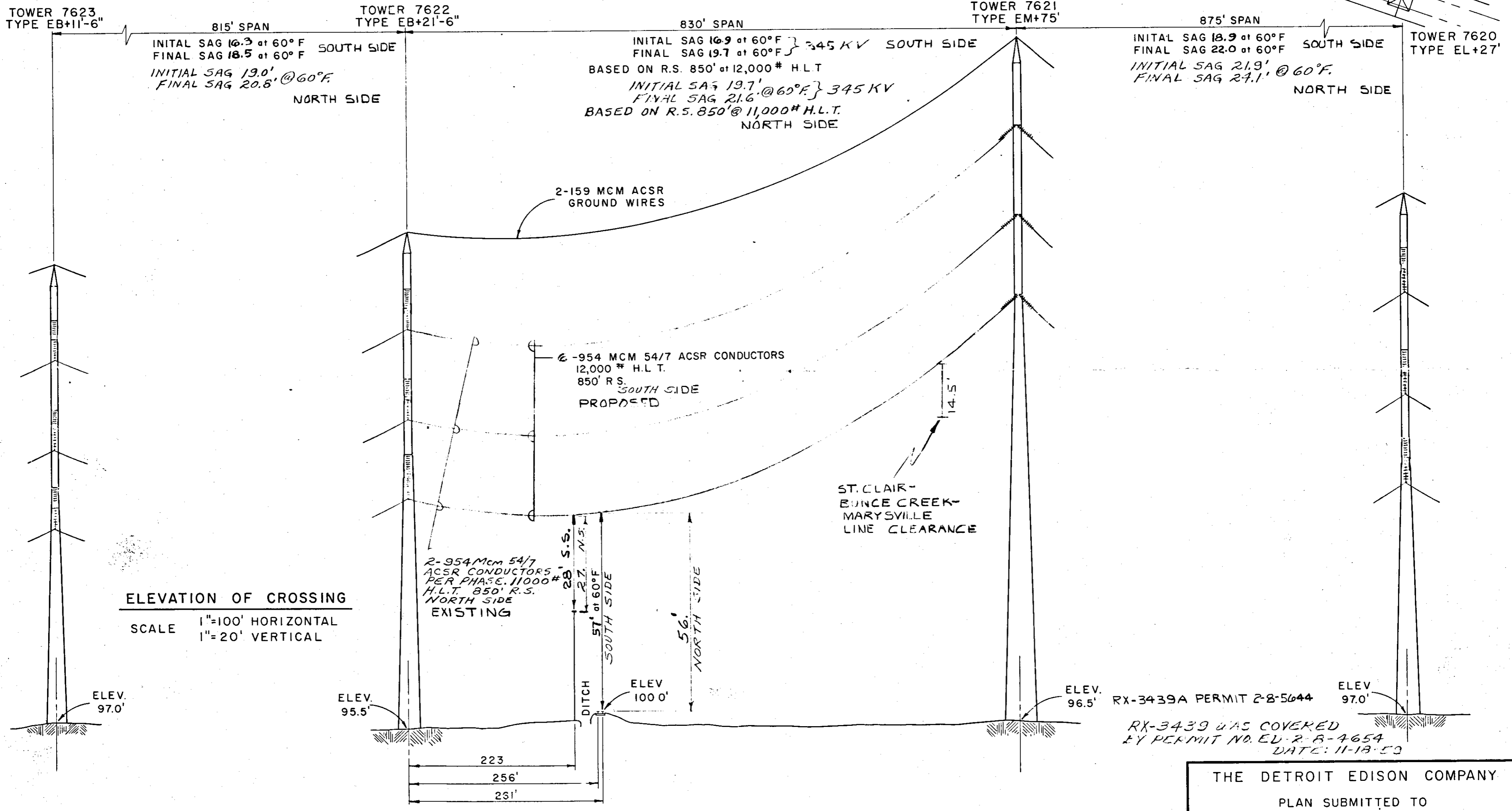




ST. CLAIR-STEPHENS-SOUTH SIDE 345 KV  
ST. CLAIR-PONTIAC#1 345 KV LINE-NORTH SIDE 345 KV



PLAN OF CROSSING  
SCALE 1"=100'



ELEVATION OF CROSSING  
SCALE 1"=100' HORIZONTAL  
1"=20' VERTICAL

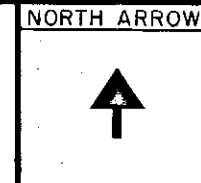
NOTE:  
FOR 345 KV SUSPENSION & DEADEND  
DETAILS SEE DWG # ED-5924

CITY \_\_\_\_\_  
COUNTY ST. CLAIR  
TOWNSHIP EAST CHINA  
T4N, R17E  
SECTION NO. PC 303

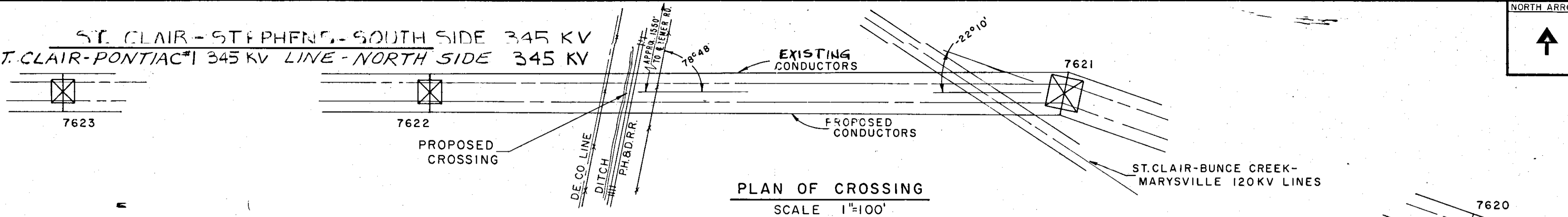
THE DETROIT EDISON COMPANY	
PLAN SUBMITTED TO	
MICHIGAN PUBLIC SERVICE COMMISSION	
FOR PROPOSED 345 KV CROSSING	
OVER P.H.&D. R.R.	
DRAWN BY _____	DATE: 10-13-65
APPROVED BY _____	DATE: 10-20-59
PERMIT NO. ED	DRAWING NO. RX-3439 B

REVISED DATE 10-24-69 cwp

RECORDED RIGHT OF WAY NO. 30191 P20

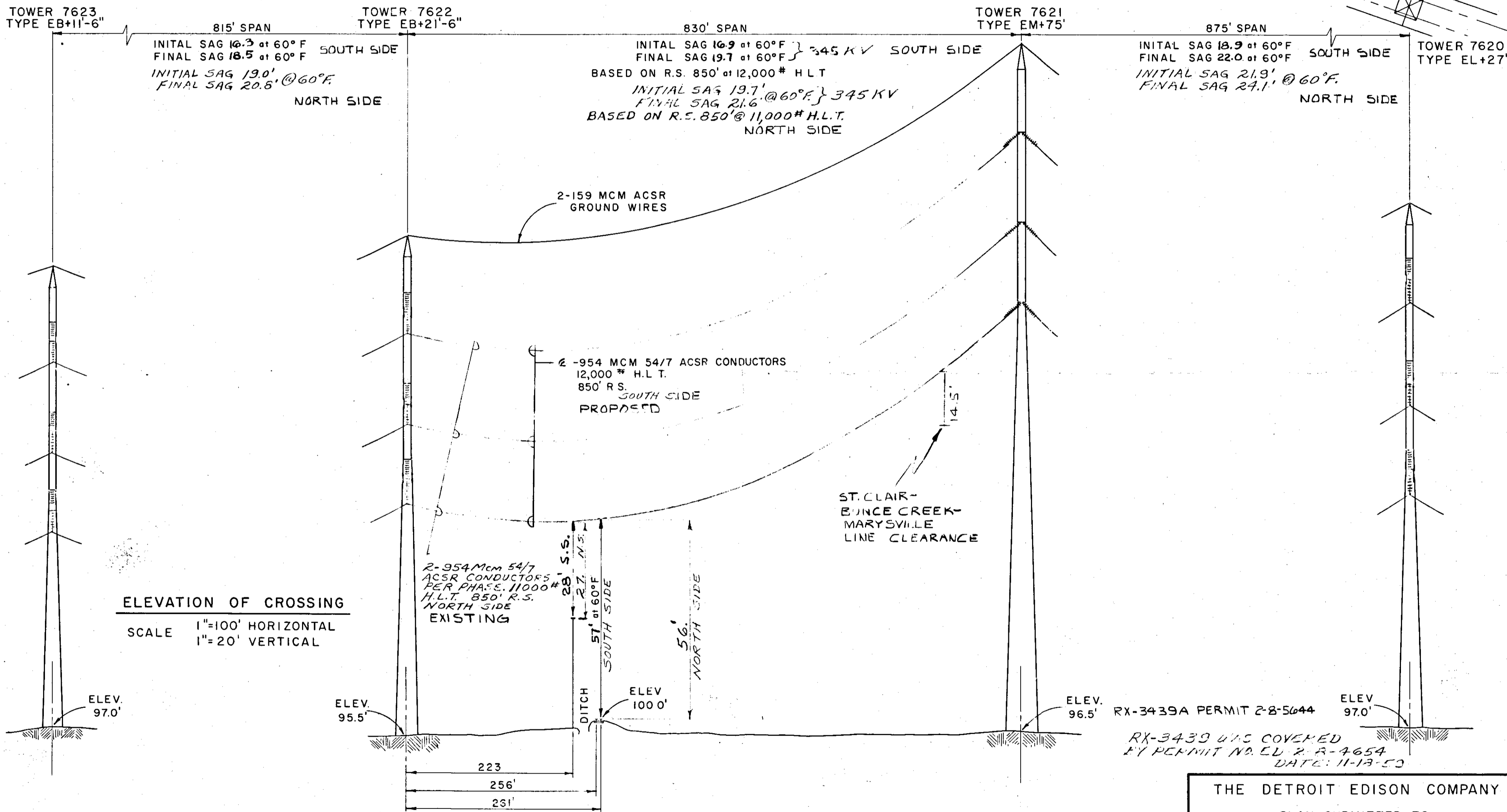


ST. CLAIR - STEPHENS - SOUTH SIDE 345 KV  
ST. CLAIR - PONTIAC #1 345 KV LINE - NORTH SIDE 345 KV



PLAN OF CROSSING

SCALE 1"=100'



ELEVATION OF CROSSING

SCALE 1"=100' HORIZONTAL  
1"=20' VERTICAL

NOTE:

FOR 345 KV SUSPENSION & DEADEND  
DETAILS SEE DWG # ED-5924

**APPROVED**  
FOR  
MICHIGAN PUBLIC SERVICE

*[Signature]*  
DIRECTOR OF PUBLIC UTILITIES

FILE ED2-8-6446 DATE 11-7-69

CITY \_\_\_\_\_  
COUNTY ST. CLAIR  
TOWNSHIP EAST CHINA  
T4N, R17E  
SECTION NO. PC 303

RX-3439A PERMIT 2-8-5044

RX-3439 WAS COVERED  
BY PERMIT NO. ED 2-R-4654  
DATE: 11-13-53

THE DETROIT EDISON COMPANY

PLAN SUBMITTED TO  
MICHIGAN PUBLIC SERVICE COMMISSION  
FOR PROPOSED 345 KV CROSSING  
OVER P.H.&D. R.R.

DRAWN BY \_\_\_\_\_ DATE 10-13-65  
APPROVED BY \_\_\_\_\_ DATE 10-20-65

PERMIT NO. ED  
DRAWING NO. RX-3439 B

REVISED DATE 10-24-69 evp

RECORDED RIGHT OF WAY NO. 30191 P20