

DE orig.



6737 Southpoint Drive, South  
Suite 100  
Jacksonville, Florida 32216  
(904) 279-4515  
FAX (904) 279-4586  
or (904) 279-4581

T. R. Jackson  
Assistant Vice President

DUPLICATE ORIGINAL

March 19, 1992

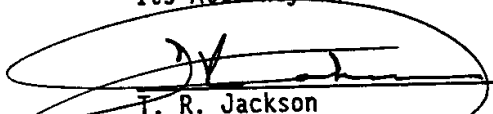
Mr. Thomas Wilson  
Detroit Edison Company  
2000 Second Avenue  
Detroit, MI 48226

Dear Mr. Wilson:

This letter will confirm our understanding and agreement that for One Dollar and Other Valuable Consideration paid by the Detroit Edison Company (DE) effective as of April 1, 1992, CSX Transportation, Inc., hereby waives future rental requirements (provided there shall be no refunds of any prepaid rentals) and termination rights for the now existing aerial and underground wireline and pipeline crossing agreements identified on the attached Exhibit A. Except as described in the preceding sentence, the terms of all such agreements remain unaltered and in full force and effect.

Please indicate your understanding and acceptance of the foregoing by having the duplicate original of this letter executed on your behalf and return to the undersigned. No further revision of the individual license agreements will be necessary to effect the changes set forth in the first sentence of the first paragraph other than this letter exchange, which will constitute a supplement to each agreement.

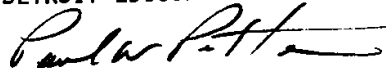
By: CSX TRANSPORTATION, INC.  
CSX Real Property, Inc.  
Its Attorney-in-Fact

  
T. R. Jackson  
Assistant Vice President

TRJ:hkm

THE FOREGOING IS UNDERSTOOD AND AGREED THIS 19th DAY OF MARCH, 1992.

DETROIT EDISON COMPANY



BY: \_\_\_\_\_  
Title: Paul W. Potter, Director -  
Corporate Real Estate

RECORDED RIGHT OF WAY NO. 26467

SEE:  
RECORDED RIGHT OF WAY NO. 48790

**Detroit  
Edison**

To: Records Center April 7, 1978

From: Doreen McLain  
Real Estate and Rights of Way Department

Subject: Revision of Subtransmission R/W crossing the  
Chesapeake & Ohio Railroad, Wixom, Novi Twp.,  
Oakland County, Section 5, T1N, R8E, RX-3928B

The attached papers are for records center storage. Information about the completed transaction is shown in the following summary.

R.R. 1	R.R. INVOICE NO. M.P.S.C. NO. OR R.E. & RW NO. 4	Update 10 Type	D.E.C.O. RECORDS CENTER FILE NO. 15	R.X. NO. OR MAP NO. 20	Facility 21	Agreement Date 22
02	6926790	2	26407	3928B		
Payment Frequency 28	Rental 29	OH-UG Code 33	Division 35	County 36	City or Township 44	Section 45

Location															
41															50

Update Type Codes  
1 = New Agreement  
2 = Revised Agreement  
3 = Terminated Agreement

The Accounts Payable Department is requested to start or change the rental payment effective

Approved: *Ann A. Bradlow*

- cc:  Accounts Payable  
 Service Planning  
 System Engineering C. VANPARIS  
 Transmission & Distribution

RECORDED RIGHT OF WAY NO. 36407

THE DETROIT EDISON COMPANY

INTERDEPARTMENT CORRESPONDENCE

Real Estate and Rights of Way Department

May 25, 1972

TO RECORDS CENTER:

Attached is fully executed copy of agreement/~~XXXX~~ from:

Chesapeake and Ohio Railway Company Railroad File No. 131-4-10889

Facilities Covered:

**Two 120,000-volt transmission circuit with two ground wires.**

Specific Location:

**In private property 3200 feet South of Pontiac Trail Road and approximately 2800 feet East of Wixom Road.**

R. R. Valuation Station 17 + 85 Lincoln Mile Post \_\_\_\_\_  
Lead \_\_\_\_\_  
City/~~XXXX~~ Wixom Township Novi, Section 5  
County Oakland Detroit Edison Plan No. RX-3928A  
Agreement/~~XXXX~~ Date March 24, 1972 R. R. Plan No. Used DECo. Plan  
Preparation Fee \$100.00 Annual Rental \$100.00  
Supersedes and Cancels Agreement dated May 20, 1970 R/W No. XXXXXXXXXXXXXX  
Attached Agreement is to be made a part of R/W 26407  
Attached Grand Trunk Western Railroad Permit No. \_\_\_\_\_ to be made a part  
of R/W No. 9064.

REPRODUCED FROM THE RECORDS CENTER  
ON FILE NO. 2100

*I. W. Gamble*  
I. W. Gamble, Supervisor of Rights of Way

HB:dak



J. T. COLLINSON  
GENERAL MANAGER-CHIEF ENGINEER

THE CHESAPEAKE AND OHIO RAILWAY COMPANY  
THE BALTIMORE AND OHIO RAILROAD COMPANY  
ENGINEERING DEPARTMENT  
HUNTINGTON, W. VA. 25718

May 8, 1972

File: 131-4-10889 IF/44

I. W. GAMBLE

*IG*  
MAY 12 1972

R/E & R/W DEPT:

Mr. I. W. Gamble  
Supervisor of Rights of Way  
Real Estate and Rights of Way Department  
The Detroit Edison Company  
2000 Second Avenue  
Detroit, Michigan 48226

Dear Mr. Gamble:

This refers to your letter of April 19, 1972, Plan RX-3928A, returning proposed agreement dated March 24, 1972, covering an aerial power line crossing our tracks and right of way at Station 17 plus 85 Lincoln Lead, on our Toledo Sub-division, Detroit Terminal Division, near Wixom, Oakland County, Michigan.

Enclosed is one fully executed copy of the above agreement for your records.

Yours very truly,

THE CHESAPEAKE AND OHIO RAILWAY COMPANY

*J. T. Collinson*  
J. T. Collinson  
Gen. Manager-Chief Engineer

36467

# THE DETROIT EDISON COMPANY

2000 SECOND AVENUE  
DETROIT, MICHIGAN 48226

April 19, 1972

Railroad File No. 131-4-10889

Mr. J. T. Collinson  
General Manager - Chief Engineer  
Chesapeake and Ohio Railway Company  
P. O. Box 1800  
Huntington, West Virginia 25718

Dear Mr. Collinson:

We are returning agreement/~~permits~~ in duplicate, covering our facilities over your tracks and ~~for~~ right of way as shown on our Plan RX-3928A, and located as follows:

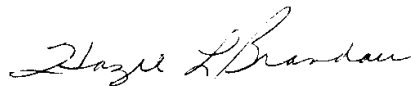
**In private property approximately 3200 feet South of Pontiac Trail Road and approximately 2800 feet East of Wixom Road.**

**Railroad Val. Sta. 17 + 85 Lincoln Lead**

City/~~Village~~ Wixom Township, Novi, Section 5  
County Oakland. The agreement/~~permits~~ has been signed for our Company.

Will you please return one fully executed copy of this agreement/~~per~~  
~~mits~~ to us for our records.

Yours very truly,



*I. W. Gamble*  
I. W. Gamble  
Supervisor of Rights of Way  
Real Estate and Rights of Way Dept.

HB:dmk

264107



THE CHESAPEAKE AND OHIO RAILWAY COMPANY  
THE BALTIMORE AND OHIO RAILROAD COMPANY

Huntington, West Virginia  
March 30, 1972

File: 131-4-10889 IF/44

I. W. GAMBLE

*ls*

APR 5 1972

*JTB*

R/E & R/W DEPT

*ck*

Mr. I. W. Gamble  
Supervisor of Rights of Way  
Real Estate and Rights of Way Department  
The Detroit Edison Company  
2000 Second Avenue  
Detroit, Michigan 48226

Dear Mr. Gamble:

This refers to your letter of March 1, 1972, Plan RX-3928A, covering a proposed power line crossing our tracks and Right of Way at Station 17 plus 85, Lincoln Lead, on our Toledo Subdivision, Detroit Terminal Division.

With the understanding that the enclosed proposed agreement has been properly executed, and returned to the undersigned, this is your authority to proceed with the construction. Three days' advance notice, in writing, of the start of construction shall be submitted to Superintendent M. W. Karsten, Detroit, Michigan.

Very truly yours,

THE CHESAPEAKE AND OHIO RAILWAY COMPANY

*J. T. Collinson*

J. T. Collinson  
Gen. Manager-Chief Engineer

RECORDED COPY OF 1972 CO. 26407

# THE DETROIT EDISON COMPANY

2000 SECOND AVENUE

DETROIT, MICHIGAN 48226

March 27, 1972

Michigan Public Service Commission  
Lansing, Michigan 48913

Gentlemen:

The Detroit Edison Company, Detroit, Michigan, hereby makes application for authority to string the following wires over the tracks of the **Chesapeake and Ohio Railway Company, City of Winon, Section 5, Novi Twp. Oakland County, Michigan.**

**Two 120,000-volt transmission circuit and two ground wires located in private property 3200 feet South of Fontaine Trail Road and approximately 2800 feet East of Winon Road.**

**Railroad Val. Sta. 17 plus 83 Lincoln Lead**

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 3-24-72 R.R. File No. 131-4-10889**
- Waiver of hearing by the Railroad Company is covered by blanket waiver.
- This application covers reconstruction of existing crossing and will cancel and supersede wire crossing permit No. **ED2-8-6310** dated **3-19-70**
- This is a new crossing.

~~ED:dmk~~ Reference number of construction drawing is **RX- 3928A**

Yours very truly,

Permit No. **ED2-8-7025**  
 Date **3-30-72**  
 By **MPSC**

*Hazel K. Swanson*  
**J. W. Gombie**  
**Supervisor of Rights of Way**  
**Real Estate and Rights of Way Dept.**

RECORDED RIGHT OF WAY NO. 26407

4-11-72

*Approved by \_\_\_\_\_*

STATE OF MICHIGAN  
BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

\*\*\*\*\*

Railroad Wire-Crossing Permit No. ED2-8-7025

The Detroit Edison Company (Applicant) has filed an application pursuant to Act 171, P.A. 1893, as amended, for permission to string wires across the tracks of the Chesapeake and Ohio Railway Company (Railroad).

Applicant has conformed with the filing procedures of Commission Order No. 1868 and the Railroad has waived the right of notice and hearing provided for in Act 171.

THEREFORE, IT IS ORDERED that Applicant be permitted to string wires across the tracks of the Railroad as indicated on the attached plans and described as follows:

City of  
Wixom  
  
County of  
Oakland  
  
State of  
Michigan

Crossing of two (2) 120 KV, 60 Hz, 3 phase, 3 wire, transmission circuits, on one (1) double circuit steel tower line, known as Wixom-Hancock 120 KV tower line, with two (2) ground wires, located in private property at a point 3200' south of Pontiac Trail Road, approximately 2800' east of Wixom Road, at Railroad Val. Sta. 17 plus 85 Lincoln Lead, in Section 5, Novi Township, T1N, R8E  
6 - 1431 MCM 45/7 ACSR phase conductors  
2 - 7/16" steel ground wires

Per Drawing RX-3928A

At the point of crossing, the wires shall be installed in full accordance with Commission Order No. 2334.

MICHIGAN PUBLIC SERVICE COMMISSION

( S E A L )

DATED: **March 30, 1972**

Earl B. Klemparens  
Its Secretary

Willis F. Ward  
Chairman

Lenton G. Sculthorp  
Commissioner

William R. Ralls  
Commissioner

60748



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

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. ED2-8-7025**

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 **thirtieth** day of **March** in the year of our Lord **one thousand nine hundred seventy-two**

*Earl B. Klomparens*  
Secretary

ED 2-8-7025

**THE DETROIT EDISON COMPANY**  
2000 SECOND AVENUE  
DETROIT, MICHIGAN 48226

TO:

March 1, 1972

Mr. J. T. Collinson  
General Manager - Chief Engineer  
Chesapeake and Ohio Railway Company  
P. O. Box 1800  
Huntington, West Virginia 25718

Station: 17 plus 85 Lincoln Lead  
Location: \_\_\_\_\_  
Sub Division: Toledo  
Division: Detroit Terminal  
M.F.S. No. 3-2472  
*J.T. Collinson*

Proposed Overhead Wire Crossing:

Your File RX-3928A  
C. & O. File 131-4-10889

**Two 120,000-volt transmission circuit and two ground wires.**

**NOTE: Adding a second circuit and ground wire to existing crossing.**

Specific Location

**In private property 3200 feet South of Pontiac Trail Road and approximately 2800 feet East of Wixom Road.**

R. R. Valuation Station 17 + 85 R. R. Mile Post \_\_\_\_\_

City/Village Wixom Township Novi Section 5

County Oakland Detroit Edison Plan Attached RX-3928A

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

Previous Agreement Information (if any) Date 5-20-70 (R. R. Plan) Used DECO. Plan

Agreement File No. 131-4-10889

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.

*W. W. Gamble*  
**W. W. Gamble, Supervisor of Rights of Way  
Real Estate and Rights of Way Department**

HB:enk  
AC:ID  
R: A. Russell

RECORDED IN THE OFFICE OF THE SUPERVISOR OF RIGHTS OF WAY

# THE DETROIT EDISON COMPANY

2000 SECOND AVENUE  
DETROIT, MICHIGAN 48226

AREA CODE 313  
TELEPHONE 962-2100

TO:

March 1, 1972

Mr. J. T. Collinson  
General Manager - Chief Engineer  
Chesapeake and Ohio Railway Company  
P. O. Box 1800  
Huntington, West Virginia 25718

Proposed Overhead Wire Crossing:

Two 120,000-volt transmission circuit and two ground wires.

NOTE: Adding a second circuit and ground wire to existing crossing.

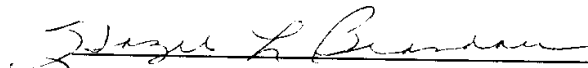
Specific Location

In private property 3200 feet South of Pontiac Trail Road and approximately 2800 feet East of Wixom Road.

R. R. Valuation Station 17 + 85 R. R. Mile Post \_\_\_\_\_  
City/Village ~~XXXX~~ Wixom Township Novi Section 5  
County Oakland Detroit Edison Plan Attached RX-3928A  
This is a New Crossing \_\_\_\_\_ This is a Reconstruction of Existing Crossing X  
Previous Agreement Information (if any) Date 3-20-70 (R. R. Plan) Used DECo. Plan  
Agreement File No. 131-4-10889

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.

  
I. W. Gamble, Supervisor of Rights of Way  
Real Estate and Rights of Way Department

HB:dmk  
CC: Mr. A. S. Russell

RECORDED RIGHT OF WAY NO. 364407

DATA SHEET TO ACCOMPANY DRAWING RX-3928A  
Revision of Crossing Rx-3928  
Covered Under Permit ED-2-8-6510 Dated 3-19-70

Name of Company

The Detroit Edison Company

Name and Location of Crossing

Crossing of the Wixom - Hancock 120 kV tower line over the C & O Railroad approximately 3,200 feet south of Pontiac Trail Road and approximately 2,800 feet east of Wixom Road. Town 1N., Range 8E, Section #5, City of Wixom, Oakland County, Michigan.

Novi

Circuits

Two (2) 120,000 volt, 60 cycle, 3-phase transmission circuit, and two (2) ground wires.

Towers and Crossarms

Steel towers as per attached drawings B-5 (AA) and T-8414 (AD).

Conductors

Six 1431 Mcm 45/7 ACSR and two 7/16" steel ground wires.

Insulators

8 - 5-3/4" x 10" O.B. 48008 in suspension. 9 - 5-3/4" x 10" O.B. 47410 in deadend.

Suspension and Deadend Details

As shown on drawing RX-3928.

System Engineering Department  
CVP/mak 2/24/72

26417  
60792

**Detroit  
Edison**

2000 Second Avenue  
Detroit, Michigan 48226  
(313) 237-8000

March 31, 1978

Mr. Bruce Bordner  
Office Engineer  
Michigan Department of State  
Highways & Transportation  
P.O. Box 1226  
18101 Nine Mile Road  
Southfield, MI 48075

**APPROVED**

APR 4 1978  
*Bruce Bordner*  
DIST. UTILITY ENGINEER  
MICHIGAN STATE HIGHWAY DEPT.

Dear Mr. Bordner:

New tracks were installed under existing transmission facilities at these locations:

Crossing of the Wixom-Hancock 120 kV tower line over the Chesapeake & Ohio Railroad approximately 3,200 feet south of Pontiac Trail Road and approximately 2,800 feet east of Wixom Road, Town 1N., Range 8E, Section 5, City of Wixom, Oakland County

The railroad has given a waiver dated March 22, 1978. The proposed crossing is shown on drawing No. RX-3928B.

Please grant a State Highway Permit to the Detroit Edison Company for the proposed crossing.

DO NOT WRITE IN THIS BOX		
P	Application No.	63000-5-78
D	Permit No.	ME-145-78
B	Date of Issuance	4-5-78
	Fee Amount	10.00
	Date	4-4-78
	Cash	
	Bill	X
	By	JAH

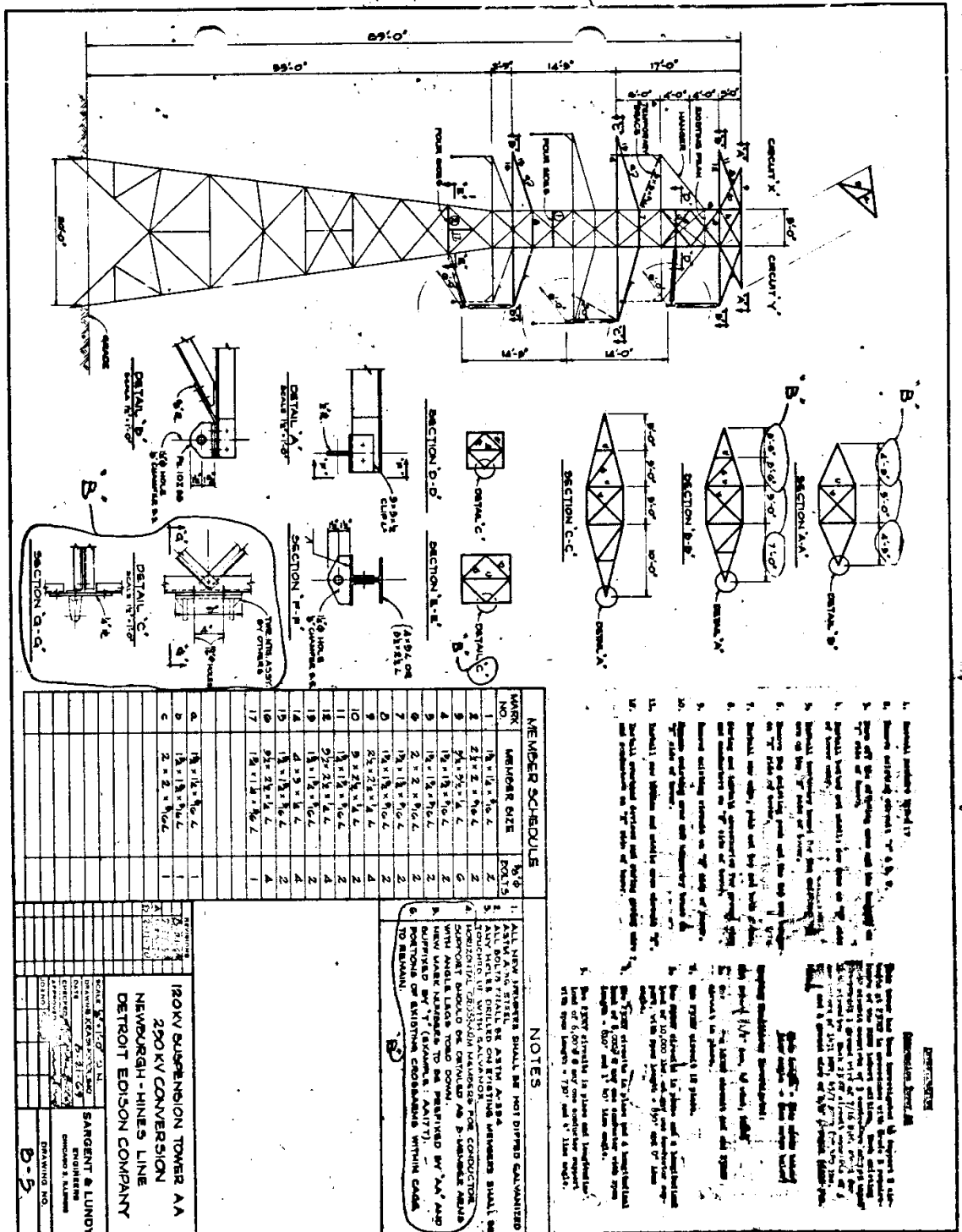
Very truly yours,

*John A. Haddow*  
John A. Haddow  
Public Agency Coordinator  
Real Estate & Rights of Way

RECEIVED STATE HIGHWAY DEPT. 26409

JAH/dm





- REVISIONS**
- REVISIONS**
1. General notes modified.
  2. General note corrected.
  3. Type of steel specified.
  4. Detail B modified.
  5. Detail C modified.
  6. Detail A modified.
  7. Detail B modified.
  8. Detail C modified.
  9. Detail A modified.
  10. Detail B modified.
  11. Detail C modified.
  12. Detail A modified.
  13. Detail B modified.
  14. Detail C modified.
  15. Detail A modified.
  16. Detail B modified.
  17. Detail C modified.

**MEMBER SCHEDULE**

MEMBER NO.	MEMBER SIZE	QTY	NOTES
1	1/2" x 1/2" x 6'-0"	2	
2	1/2" x 1/2" x 6'-0"	2	
3	1/2" x 1/2" x 6'-0"	2	
4	1/2" x 1/2" x 6'-0"	2	
5	1/2" x 1/2" x 6'-0"	2	
6	1/2" x 1/2" x 6'-0"	2	
7	1/2" x 1/2" x 6'-0"	2	
8	1/2" x 1/2" x 6'-0"	2	
9	1/2" x 1/2" x 6'-0"	2	
10	1/2" x 1/2" x 6'-0"	2	
11	1/2" x 1/2" x 6'-0"	2	
12	1/2" x 1/2" x 6'-0"	2	
13	1/2" x 1/2" x 6'-0"	2	
14	1/2" x 1/2" x 6'-0"	2	
15	1/2" x 1/2" x 6'-0"	2	
16	1/2" x 1/2" x 6'-0"	2	
17	1/2" x 1/2" x 6'-0"	2	

**NOTES**

1. ALL NEW MEMBERS SHALL BE HOT DIP GALVANIZED.
2. ALL NEW STEEL SHALL BE ASTM A36.
3. ALL BOLTS SHALL BE ASTM A307.
4. ALL WELDS SHALL BE E70XX.
5. ALL WELDS SHALL BE W/BACKSTOP.
6. ALL WELDS SHALL BE W/BACKSTOP.
7. ALL WELDS SHALL BE W/BACKSTOP.
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15. ALL WELDS SHALL BE W/BACKSTOP.
16. ALL WELDS SHALL BE W/BACKSTOP.
17. ALL WELDS SHALL BE W/BACKSTOP.

26407

THE CALCULATIONS FOR THIS TRIAL ARE FOR STUDY 1431 ACSR 45/7 BC  
 STRESS-STRAIN CURVES USED REPRESENT 1,192,500 CM ACSR 45/7

STARTING INDEX	RULING SPAN	STARTING SAG OR TENSION	AREA OF CONDUCTOR	INITIAL MAX TEN
1	700.0	13000.00	1.20200	1600

\*\*\*\*\*CREEP IS A

INDEX	TEMP.	INITIAL		FINAL	
		SAG	TENSION	SAG	TENSION
1	0.	15.29	-13000.	16.50	12053.
2	0.	11.44	8653.	13.95	7152.
3	0.	14.44	11962.	15.90	10869.
4	30.	13.02	7605.	15.59	6357.
5	60.	14.62	6775.	17.24	5752.
6	90.	16.20	6119.	18.80	5277.
7	120.	17.72	5597.	20.28	4894.
8	257.	23.91	4158.	26.21	3799.

\*\*\*\*\*

REVISION NUMBER OF MAY 2007



THE DETROIT EDISON COMPANY

INTERDEPARTMENT CORRESPONDENCE

Real Estate and Rights of Way Department

May 25, 1972

TO RECORDS CENTER:

Attached is fully executed copy of agreement/~~permit~~ from:

Chesapeake and Ohio Railway Company Railroad File No. 131-4-10889

Facilities Covered:

**Two 120,000-volt transmission circuit with two ground wires.**

Specific Location:

**In private property 3200 feet South of Pontiac Trail Road and approximately 2800 feet East of Wixom Road.**

PERMIT NO.  
EDZ - 8-7022  
MAY 25 1972

R. R. Valuation Station 17 + 85 Lincoln Mile Post \_\_\_\_\_

Lead

City/~~Village~~ Wixom Township Novi, Section 5

County Oakland Detroit Edison Plan No. RX-3928A

Agreement/~~Permit~~ Date March 24, 1972 R. R. Plan No. Used DECo. Plan

Preparation Fee \$100.00 Annual Rental \$100.00

Supersedes and Cancels Agreement dated May 20, 1970 R/W No. XXXXXXXXXXXXXXXXXX

Attached Agreement is to be made a part of R/W 26407

Attached Grand Trunk Western Railroad Permit No. \_\_\_\_\_ to be made a part

REFERRED TO of

R/W No. 9064.

RECORDS CENTER

RECEIVED JUL 12 1972

TICKLER MADE  
CLASSIFIED

HB:dmk

SEARCHED  
INDEXED  
SERIALIZED  
FILED  
AUG 15 1972  
CHECKED BY Q. Evers

I. W. Gamble  
I. W. Gamble, Supervisor of Rights of Way

AUG 15 1972 RAP  
Nov-2

RECORDED RIGHT OF WAY NO. 26407  
MAY 25 1972

# The Chesapeake and Ohio Railway Company

## WIRE AND/OR CABLE LINE CROSSINGS

THIS AGREEMENT, made as of this 24th day of March, 1972, between THE CHESAPEAKE AND OHIO RAILWAY COMPANY, a Virginia Corporation, hereinafter called "Railway", and THE DETROIT EDISON COMPANY, a Michigan and New York corporation

hereinafter called "Licensee" (all words herein referring to Licensee to be taken of such number and gender as the context may require):

WITNESSETH THAT:

WHEREAS, Licensee desires to construct, operate and maintain a wire and/or cable line over and across the right of way, tracks and wires of Railway, consisting of six (6) 1431 MCM 45/7 ACSR 120,000 volt wires and two (2) 7/16" steel ground wires at a point located at Station 17 plus 85, Lincoln Lead Mile Post - - - - Feet, Toledo Subdivision, Detroit Terminal Division, at or near Wixom County of Oakland, State of Michigan; said crossing, together with the necessary poles, towers, conduits, fixtures, and appurtenances thereto, being in accordance with attached Licensee's Drawing RX-3928A, dated 1-22-70, revised 2-22-72 and data sheet marked for identification "Exhibit A" - - - - -

- - - - - which are made a part of this agreement and - - - - -

which are incorporated herein and made a part hereof by reference; said crossing and the aforesaid facilities and appurtenances thereto being hereinafter referred to collectively as "Crossing"; and

WHEREAS, Railway is willing for said Crossing so to be constructed, operated and maintained, upon the following terms, covenants, conditions and limitations;

NOW, THEREFORE, in consideration of the premises and the observance by Licensee of the terms, covenants, conditions and limitations hereinafter set forth, it is agreed by and between the parties hereto as follows:

1. Railway hereby licenses and permits Licensee, at its sole risk, cost and expense, to construct, operate, maintain and renew said Crossing across the right of way, tracks, wires and any other facilities of Railway - - - - -, and of any other person, firm, corporation or association which now or may hereafter have any such facilities on Railway's right of way at or in the vicinity

RECORDED RIGHT OF WAY NO. 26407





DATA SHEET TO ACCOMPANY DRAWING RX-3928A  
Revision of Crossing Rx-3928  
Covered Under Permit ED-2-8-6510 Dated 3-19-70

Name of Company

The Detroit Edison Company

Name and Location of Crossing

Crossing of the Wixom - Hancock 120 kV tower line over the  
C & O Railroad approximately 3,200 feet south of Pontiac Trail Road and  
approximately 2,800 feet east of Wixom Road. Town 1N., Range 8E,  
Section #5, City of Wixom, Oakland County, Michigan.

*Nov. Twp*

Circuits

Two (2) 120,000 volt, 60 cycle, 3-phase transmission circuit,  
and two (2) ground wires.

Towers and Crossarms

Steel towers as per attached drawings B-5 (AA) and T-8414 (AD).

Conductors

Six 1431 Mcm 45/7 ACSR and two 7/16" steel ground wires.

Insulators

8 - 5-3/4" x 10" O.B. 48008 in suspension. 9 - 5-3/4" x 10"  
O.B. 47410 in deadend.

Suspension and Deadend Details

As shown on drawing RX-3928.

System Engineering Department  
CVP/mak 2/24/72

RECORDED RIGHT OF WAY NO.

*26407*

THE DETROIT EDISON COMPANY

INTERDEPARTMENT CORRESPONDENCE

July 24, 1970

TO RECORDS CENTER:

Attached is fully executed copy of agreement/~~permit~~ from:

The Chesapeake and Ohio Railway Company R.R. File No. 131-4-10889 IF/36

Facilities Covered:

**One 120,000 volt transmission circuit and one ground wire.**

Specific Location:

**Approximately 3200 ft. South of Pontiac Trail Road and approximately 2800 ft. East of Wixom Road.**

R. R. Valuation Station 17+85 Mile Post \_\_\_\_\_

City/~~Village~~ Wixom Township Novi, Sec. 5

County Oakland Detroit Edison Plan No. RX-3928

Agreement/~~Permit~~ Date May 20, 1970 R. R. Plan No. Used DECo Plan

Preparation Fee \$100.00 Annual Rental \$100.00

Supersedes and Cancels Agreement dated \_\_\_\_\_ R/W No. \_\_\_\_\_

This is a Supplemental Agreement and is to be made a part of R/W \_\_\_\_\_

Attached Grand Trunk Western Railroad Permit No. \_\_\_\_\_ to be made a part of R/W No. 9064.

REFERRED TO  
NOV 2 1970  
FK  
*Jr*

RECORDS CENTER  
RECEIVED AUG 17 70  
DUPLICATION MADE  
CLASSIFIED

JVS:mls

GEN'L. ACCTG. DEPT.  
ENTERED - CANCELLED  
CONTRACT BOOK NO. \_\_\_\_\_  
DATE 9-15-70  
BY S. Schrotzinger  
CHECKED BY [Signature]

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

*Novi Twp  
Sec 5  
S. 1100*

*Superseded by: See File 131-4-10889-36-70  
dated 5-24-70  
RECORDED RIGHT OF WAY NO. 26407*

Canceled





2000 Second Avenue  
Detroit, Michigan 48226  
(313) 237-6000

March 17, 1978

Mr. J. W. Brent  
Chief Engineer  
Chesapeake & Ohio Railroad

Proposed Overhead Wire Crossing:

We are submitting this because of construction by Chesapeake & Ohio Railway of three new sets of tracks underneath the Detroit Edison Wixom-Hancock, 120 kV circuit

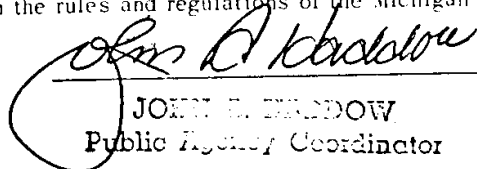
Specific Location

Crossing of the Wixom-Hancock 120 kV tower line over the C & O Railroad approximately 3,200 feet south of Pontiac Trail Road and approximately 2,800 feet east of Wixom Road, Town 1N., Range 8E, Section 5, City of Wixom, Oakland County

R.R. Valuation Station 17 + 85 Lincoln R.R. Mile Post \_\_\_\_\_  
City/Village Wixom Lead Novi, Section 5 Township \_\_\_\_\_  
County Oakland Detroit Edison Plan Attached RX-3928B  
This is a New Crossing \_\_\_\_\_ This is a Reconstruction of Existing Crossing XX  
Previous Agreement Information (if any) Date 3/24/72 (R.R. Plan) 131-4-10889

Blanket Waiver of Hearing Covers \_\_\_\_\_ Waiver of Hearing Requested XX  
(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.

  
JOHN E. BREDOW  
Public Agency Coordinator

26407







DATA SHEET TO ACCOMPANY DRAWING RX-3928

Name of Company

The Detroit Edison Company

Name and Location of Crossing

Crossing of the Wixom-Hancock 120KV tower line over the C&O R.R. approx. 3,200' south of Pontiac Trail Rd. and approx. 2,800' east of Wixom Rd. Town LN., Range 8E, Section #5, City of Wixom, Oakland County, Michigan.

Circuits

One 120,000 volt, 60 cycle, 3-phase transmission circuit, and one (1) ground wire.

Towers and Crossarms

Steel towers as per attached Dwgs. T-8412 & T-8414

Conductors

3-1431 MCM 45/7 ACSR and (1) 7/16" steel ground wire.

Insulators

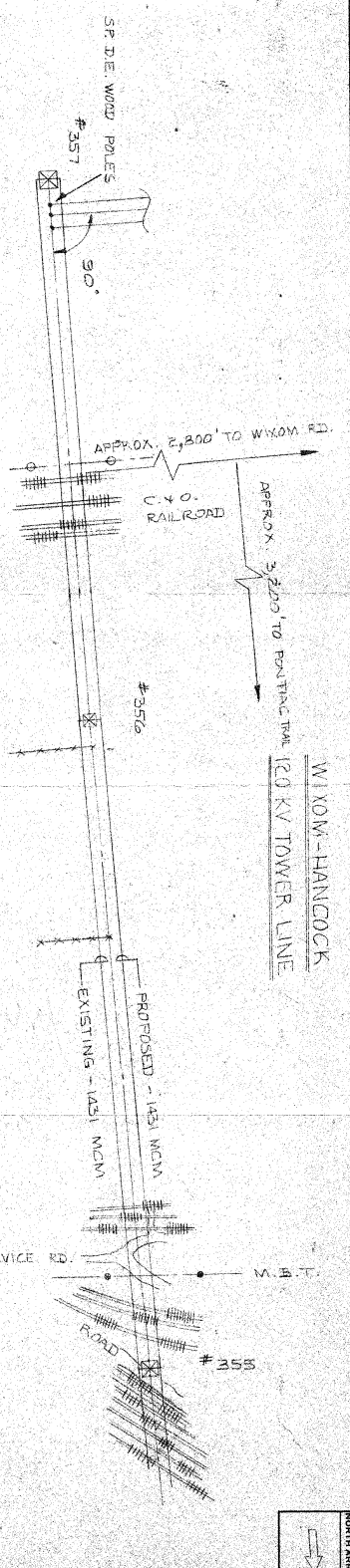
8-5 $\frac{1}{2}$ "x10"-O.B. 48008 in suspension  
9-5 $\frac{1}{2}$ "x10"-O.B. 47410 in deadend

Suspension and Deadend Details

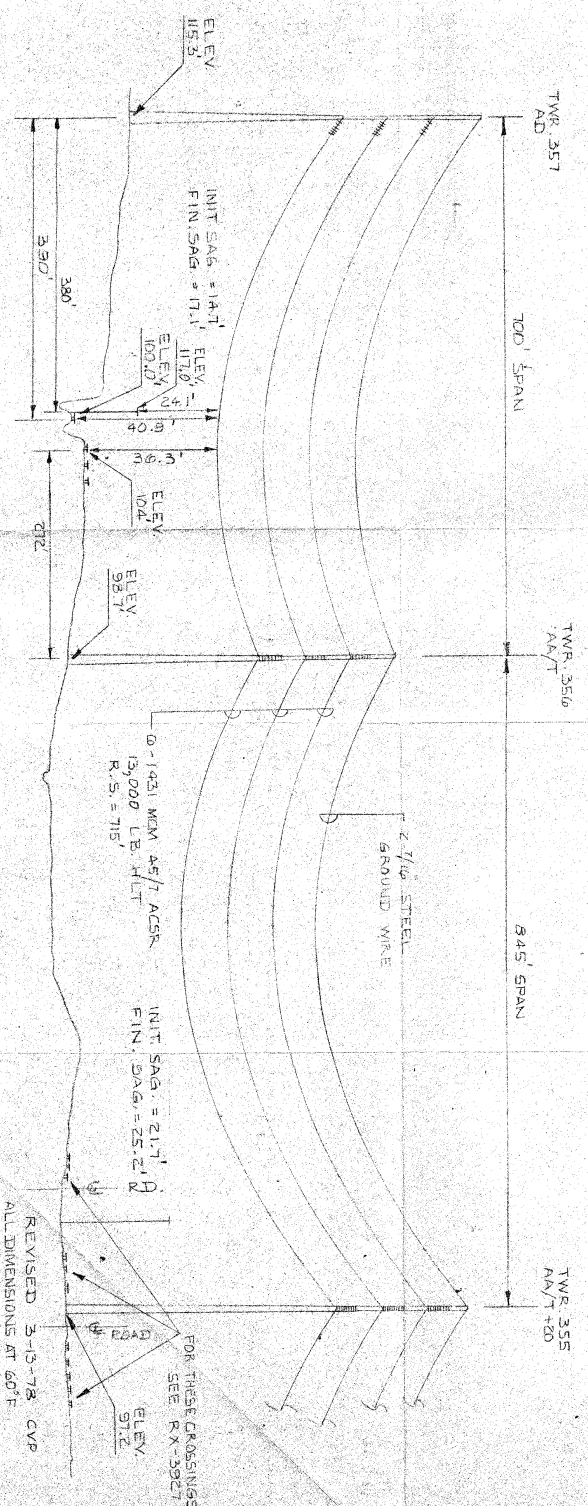
As shown on Dwg. RX-3928

General Engineering Dept  
JW/ct 2/3/70

RECORDED RIGHT OF WAY NO. 20402  
Cancelled



PLAN OF CROSSING  
SCALE 1"=100'

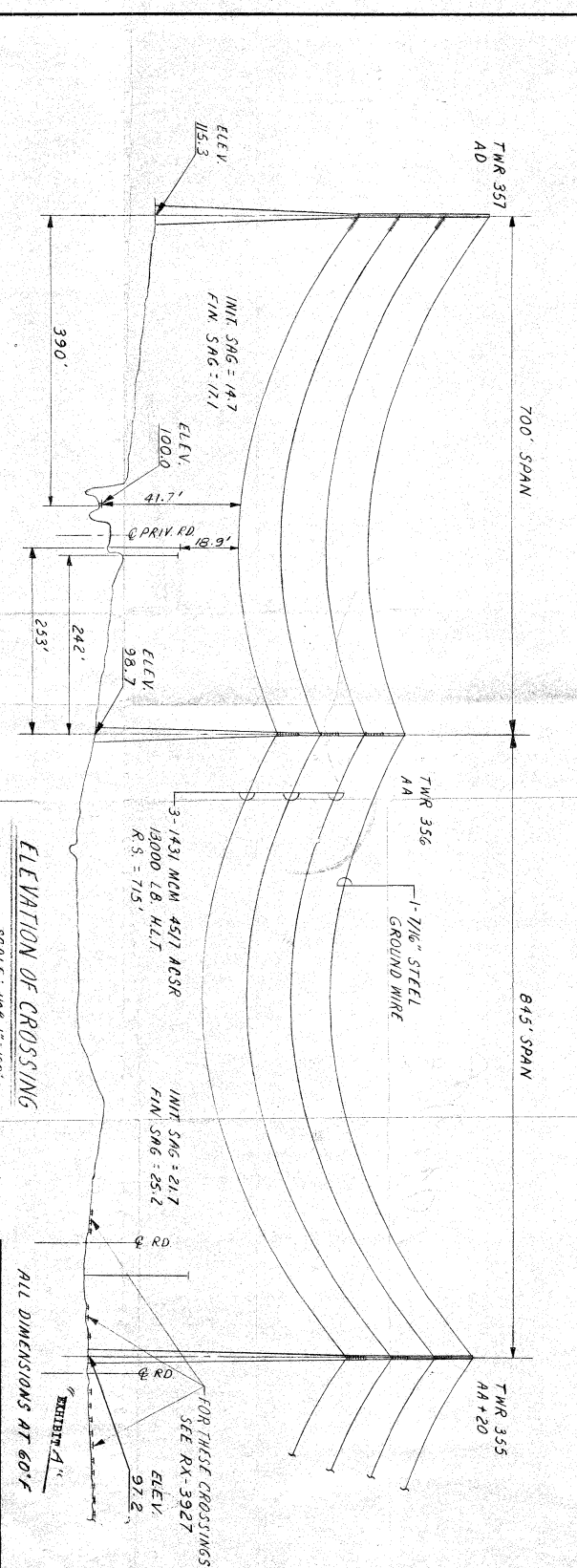
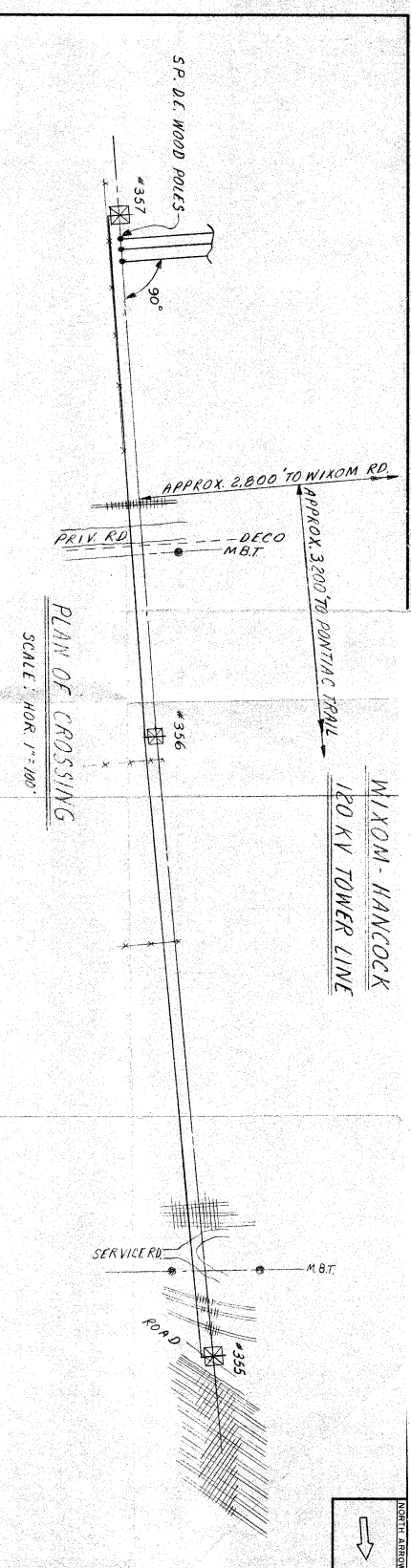


ELEVATION OF CROSSING  
SCALE: HOR. 1"=120'  
VERT. 1"=20'

RECORDED RIGHT OF WAY  
2047

PERMIT NO. ED-8-6510  
DATED 3-19-70  
CITY WYOMING  
COUNTY DAN LAUD  
TOWNSHIP TWIN R. BE  
SECTION NO. 5  
DATE 3-30-72

THE DETROIT EDISON COMPANY  
PLAN SUBMITTED TO 1  
MICHIGAN PUBLIC SERVICE COMMISSION  
FOR 120,000 VOLT CROSSING  
OVER C. & O. R. R.  
DRAWN BY G. VAN PARIS DATE 1-22-70  
APPROVED BY [Signature] DATE 2-4-70  
PERMIT NO. ED-8-6510  
DRAWING NO. RX-3928B



RECORDED RIGHT OF WAY

5 3/4" X 10" O.B. 48008 OR EQUIVALENT

8-INSULATORS

0.8" 3001 OR EQUIVALENT

PREFORMED ANCHOR ROOF

CONDUCTOR 1431 MCM 4517 ACSR

SUSPENSION CLAMP 0.8 87255 OR EQUIVALENT

SUSPENSION DETAILS TOWERS: 355, 356

STRAIN CLAMP 0.8 87666 OR EQUIVALENT

TOWER CROSSARM

DEADEND DETAILS TOWERS: 357

CONDUCTOR 1431 MCM 4517 ACSR

1" CLEVIS BALL, 0.8 # 88887 OR EQUIVALENT

3/8" INSULATORS 5 3/4" X 10" O.B. 47410 OR EQUIVALENT

SCALE: HOR. 1"=100' VERT. 1"=20'

APPROVED  
E. M. HARTIGER, JR.  
UTILITY ENGINEER

CITY: WIXOM  
COUNTY: OAKLAND  
TOWNSHIP: TWIN R.B.C.

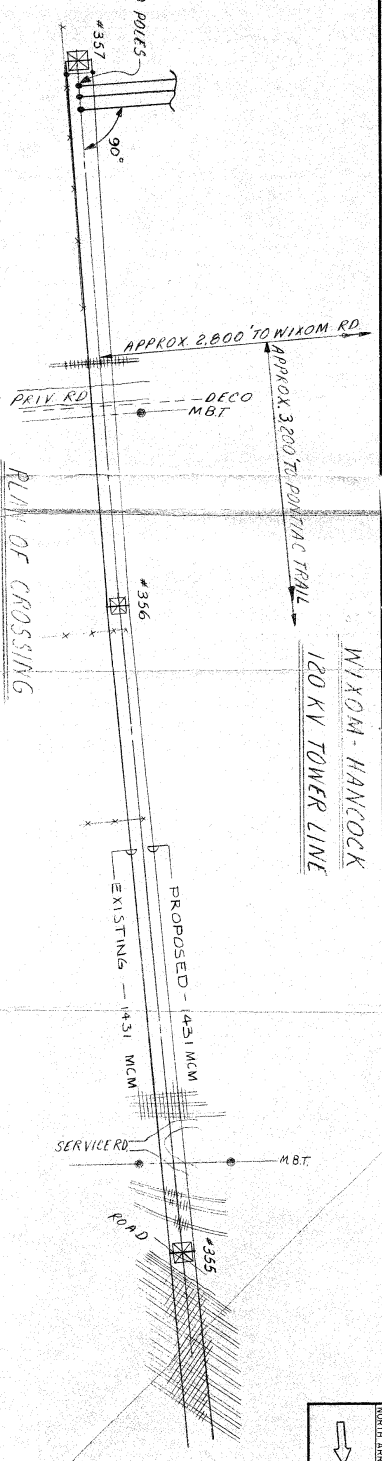
THE DETROIT EDISON COMPANY  
PLAN SUBMITTED TO  
MICHIGAN PUBLIC SERVICE COMMISSION  
OVER 100,000 VOLT CROSSING  
DRAWN BY J. WRIGHT  
DATE 1-22-70  
APPROVED BY [Signature]  
PERMIT NO. [Blank]

DRAWING NO. RX-3928

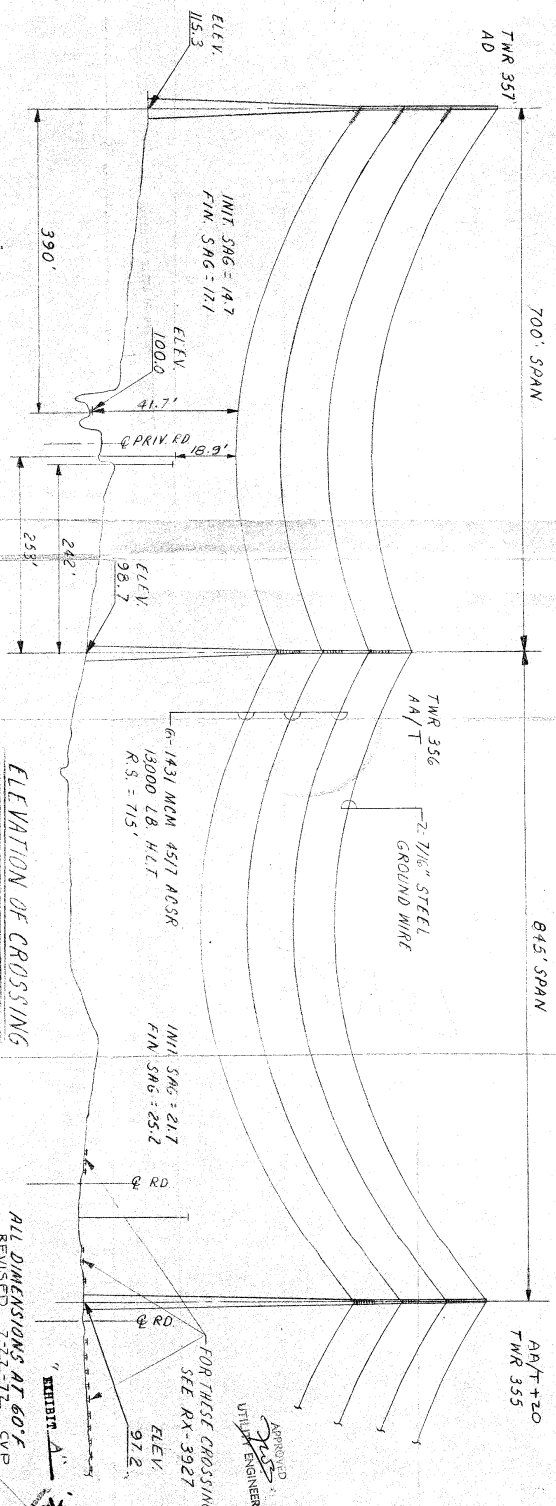
APPROVED  
[Signature]  
Superintendent

RECORDED RIGHT OF WAY  
*6497*

S.P. DE WOOD POLES



WIXOM - HANCOCK  
 120 KV TOWER LINE



ELEVATION OF CROSSING  
 SCALE: HOR. 1" = 100'  
 SCALE: V. 1/4" = 100'

5 3/4" x 10" INSULATOR  
 O.B. #48028 OR EQUIVALENT  
 HOOK  
 O.B. #9001 OR EQUIVALENT  
 SUSPENSION CLAMP  
 O.B. #7255 OR EQUIVALENT  
 CONDUCTOR  
 #431 MCM  
 #451 ACSR  
 SUSPENSION DETAILS  
 TOWERS: 355, 356

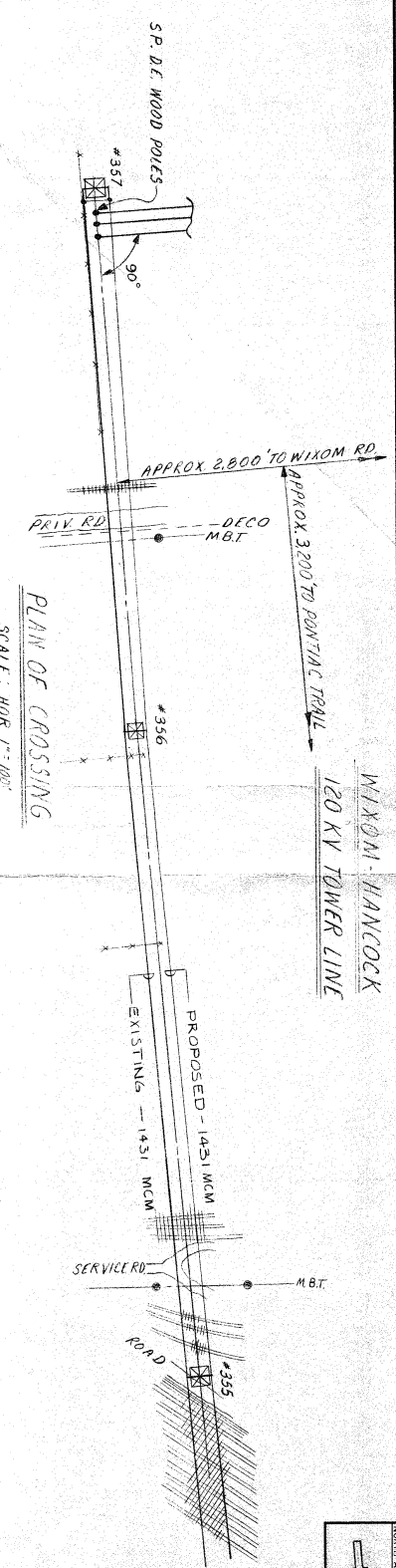
STRAIN CLAMP  
 O.B. #7666 OR EQUIVALENT  
 TOWER CROSSARM  
 1/2" ELEV. BALL O.B. #8287 OR EQUIVALENT  
 PIN INSULATOR  
 O.B. #534 7/10" O.B. #7410  
 CONDUCTOR  
 #431 MCM  
 #451 ACSR  
 DEADEND DETAILS  
 TOWERS: 357

CITY: WIXOM  
 COUNTY: OAKLAND  
 TOWNSHIP: T.W. R.E.  
 PERMIT NO. ED-2-8-6510  
 DATED: 3-19-70

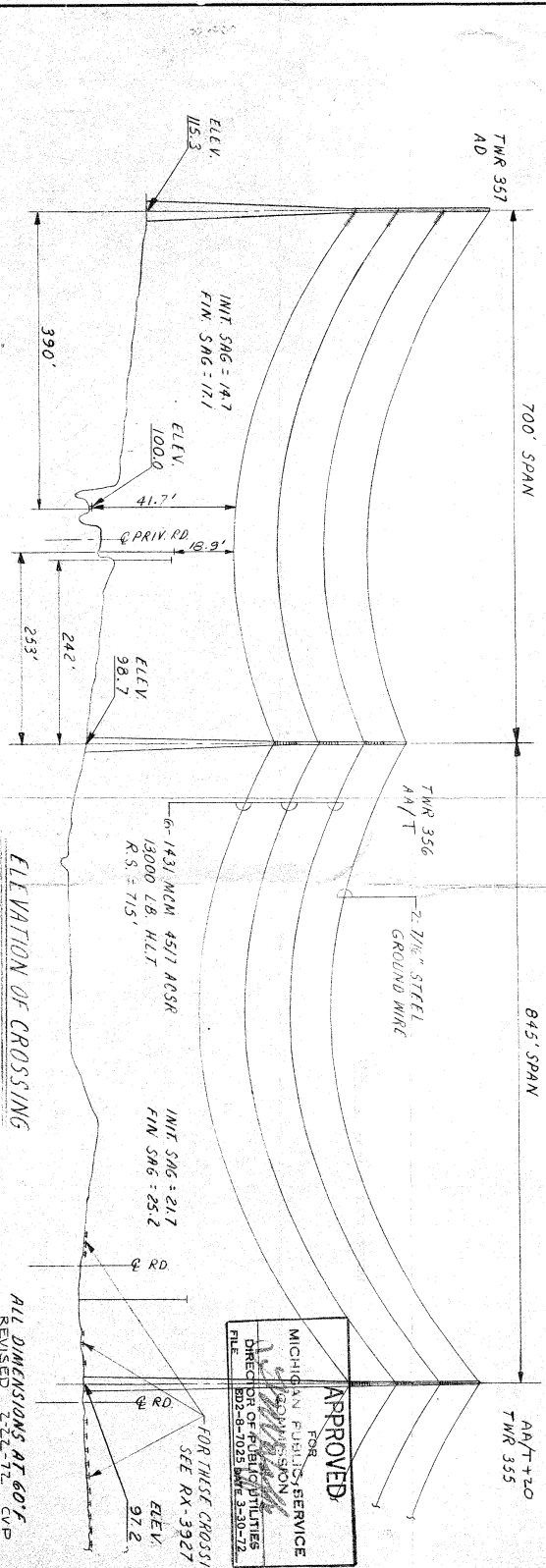
ALL DIMENSIONS AT 60°F  
 REVISION: 2-22-70  
 THE DETROIT EDISON COMPANY  
 PLAN SUBMITTED TO  
 MICHIGAN PUBLIC SERVICE COMMISSION  
 FOR 120,000 VOLT CROSSING  
 OPEN 2/10/70 BY W.C.H.  
 DRAWN BY W.C.H.  
 APPROVED BY W.C.H.  
 DATE: 1-22-70  
 PERMIT NO. ED-2-8-6510  
 DRAWING NO. RX-3928A

APPROVED  
 UTIL. ENGINEER  
 FOR THESE CROSSINGS  
 SEE RX-3927  
 ELEV. 97.2





PLAN OF CROSSING  
SCALE: HOR 1" = 100'



ELEVATION OF CROSSING  
SCALE: HOR 1" = 100'

12" INSULATORS  
 5 3/4" X 10" O.B. #4808 OR EQUIVALENT  
 HOOK O.B. #3001 OR EQUIVALENT  
 SUSPENSION CLAMP O.B. #7255 OR EQUIVALENT  
 CONDUCTOR 4517 ACSR  
 SUSPENSION DETAILS TOWERS 355, 356  
 RECORD RIGHT OF WAY  
 SWAY  
 STRAIN CLAMP O.B. #7666 OR EQUIVALENT  
 TOWER CROSS-SECTION  
 DEADEND DETAILS TOWERS 357  
 6" CLEAR BALL O.B. #8282  
 12" INSULATORS 5 3/4" X 10" O.B. #4740  
 CONDUCTOR 1431 MCM  
 CITY WIXOM  
 COUNTY OHKLAND  
 TOWNSHIP T.W. R.B.E.  
 PERMIT NO. ED2-8-6510  
 DATED 3-19-70  
 ALL DIMENSIONS AT 60°F  
 REVISED 7-22-72 CVP  
 THE DETROIT EDISON COMPANY  
 PLAN SUBMITTED TO  
 MICHIGAN PUBLIC SERVICE COMMISSION  
 FOR 120,000 VOLT CROSSING  
 OVER 540 A.C.  
 DRAWN BY J. WRIGHT  
 DATE 1-22-70  
 APPROVED BY J. WRIGHT  
 PERMIT NO. ED  
 DRAWING NO. RX-3928A

**APPROVED**  
 FOR  
 MICHIGAN PUBLIC SERVICE  
 DIRECTOR OF PUBLIC UTILITIES  
 J. WRIGHT  
 802-8-7025 MFC 3-30-72

Engineering Department



Operating Headquarters Building  
P. O. Box 1800  
Huntington, W. Va. 25718

March 23, 1978

File: 131-4-10889 BH/89

The Detroit Edison Company  
2000 Second Avenue  
Detroit, Michigan 48226

Attention: Mr. John H. Haddow  
Public Agency Coordinator

Gentlemen:

This refers to that certain agreement dated March 24, 1972, between our respective companies, covering construction, operation and maintenance of an aerial wire line crossing the Railway's right of way and spur track (Lincoln Lead) at Station 17 plus 85, Toledo Sub-division, Detroit Terminal Division (now called Michigan Division), at Wixom, Oakland County, Michigan, and to your letter of March 17, 1978, submitting revised plan to show three (3) sets of additional tracks installed beneath said aerial wire line crossing, as shown on Detroit Edison's Plan RX-3928B (last revised 3-13-78) and data sheet attached hereto and made a part hereof, and the purpose of this letter is to amend the aforesaid agreement accordingly.

This will constitute Railway's consent and approval of the revised drawing with the understanding that said new facilities be subject to the terms and conditions of and covered by the aforesaid agreement as fully as though they had originally been described therein and covered thereby; it being understood and agreed that, except as hereby amended, said agreement shall continue unaltered and in full force and effect.

Please sign this letter-amendment, which is submitted in duplicate, in the space provided below, indicating acceptance of amendment, returning the original to the undersigned.

Very truly yours,

THE CHESAPEAKE AND OHIO RAILWAY COMPANY

By   
Chief Engineer

Letter-amendment acknowledged and  
agreed to this 30th day of March, 1978  
THE DETROIT EDISON COMPANY

By   
Its

ROBERT R. TEWKSBURY, DIRECTOR  
Real Estate and Rights of Way Dept.

The Chessie System railroads are the C&O, B&O, WM and affiliated lines. Chessie System, Inc. is the parent for the railroads, Chessie Resources, Inc., Western Pocahontas Corp. and The Greenbrier.

26407



DATA SHEET TO ACCOMPANY DRAWING RX-3928B  
Revision of Crossing Rx-3928A  
Covered Under Permit ED2-8-7025 Dated 3/30/72

Name of Company

The Detroit Edison Company

Name and Location of Crossing

Crossing of the Wixom-Hancock 120 kV tower line over the C&O Railroad approximately 3,200 feet south of Pontiac Trail Road and approximately 2,800 feet east of Wixom Road. Town IN., Range 8E, Section 5, City of Wixom, Oakland County, Michigan.

Circuits

Two (2) 120,000 volt, 60 cycle, 3 phase transmission circuit, and two (2) ground wires.

Towers and Crossarms

Steel towers as per attached drawings, B-5(AA), and T-8414 (AD).

Conductors

Six 1431 Mcm 45/7 ACSR and two 7/16" steel ground wires.

Insulators

8 - 5 3/4" x 10" O.B. 48008 in suspension.  
9 - 5 3/4" x 10" O.B. 47410 in deadend.

Guy and Guy Attachments

None

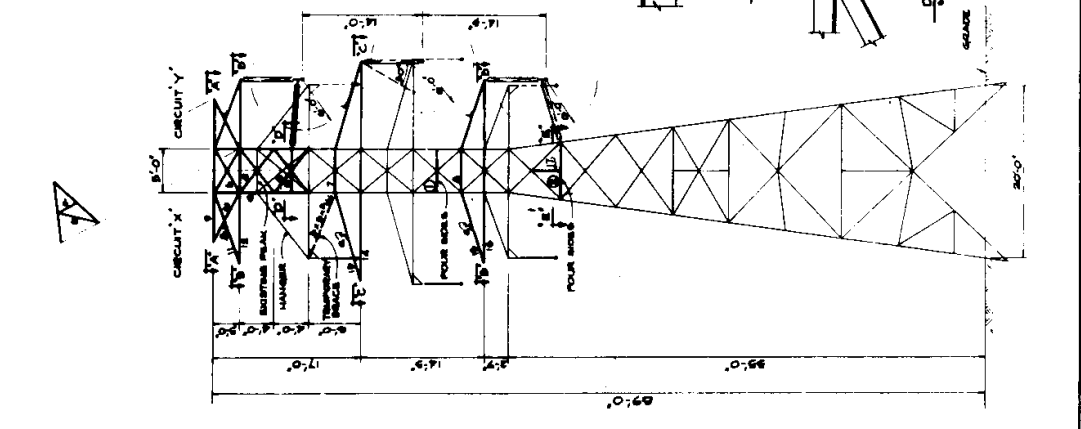
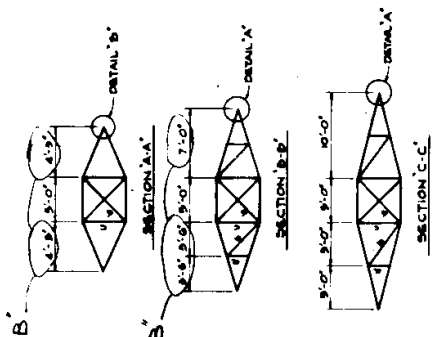
Suspension and Deadend Details

As shown on drawing ED1-7430.

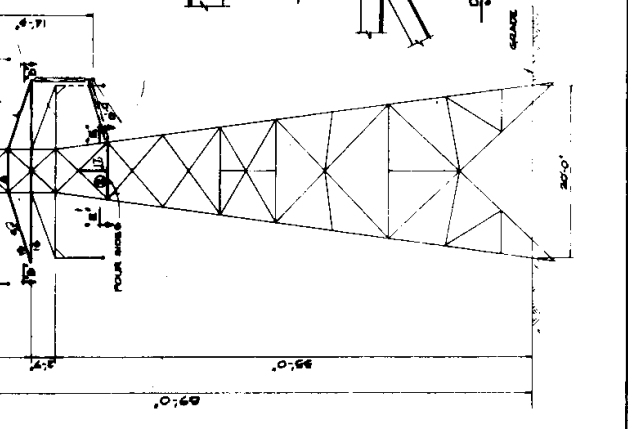
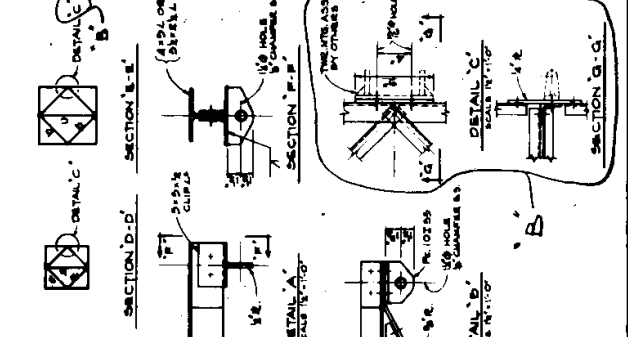
System Engineering Department  
CVP/nld 3/14/78

RECORDED RIGHT OF WAY NO. 26407

1. Details shown in this drawing shall be as shown.
2. Details shown in this drawing shall be as shown.
3. Details shown in this drawing shall be as shown.
4. Details shown in this drawing shall be as shown.
5. Details shown in this drawing shall be as shown.
6. Details shown in this drawing shall be as shown.
7. Details shown in this drawing shall be as shown.
8. Details shown in this drawing shall be as shown.
9. Details shown in this drawing shall be as shown.
10. Details shown in this drawing shall be as shown.
11. Details shown in this drawing shall be as shown.
12. Details shown in this drawing shall be as shown.



MARK NO.	MEMBER SIZE	NO. OF BOLTS
1	1 1/2 x 1 1/2 x 1/4	2
2	2 x 2 x 1/4	2
3	1 1/2 x 1 1/2 x 1/4	2
4	1 1/2 x 1 1/2 x 1/4	2
5	1 1/2 x 1 1/2 x 1/4	2
6	2 x 2 x 1/4	2
7	1 1/2 x 1 1/2 x 1/4	2
8	1 1/2 x 1 1/2 x 1/4	2
9	2 1/2 x 2 1/2 x 1/4	4
10	2 1/2 x 2 1/2 x 1/4	2
11	1 1/2 x 1 1/2 x 1/4	2
12	2 1/2 x 2 1/2 x 1/4	4
13	1 1/2 x 1 1/2 x 1/4	2
14	2 x 2 x 1/4	2
15	1 1/2 x 1 1/2 x 1/4	2
16	2 1/2 x 2 1/2 x 1/4	4
17	1 1/2 x 1 1/2 x 1/4	2
a	1 1/2 x 1 1/2 x 1/4	1
b	1 1/2 x 1 1/2 x 1/4	1
c	2 x 2 x 1/4	1



**MEMBER SCHEDULE**

**NOTES**

1. ALL NEW MEMBERS SHALL BE HOT DIPPED GALVANIZED.
2. ALL BOLTS SHALL BE ASTM A-307.
3. HANGERS SHALL BE GALVANIZED.
4. HORIZONTAL CROSSBRACE MEMBERS FOR CONDUCTOR SUPPORT SHALL BE GALVANIZED AS 8-MEMBER MEMBERS.
5. NEW MARK NUMBERS TO BE PREFIXED BY "AA" AND PORTIONS OF EXISTING CROSSBRACE WITHIN CAGE TO REMAIN.
6. THE SPAN DIMENSIONS IN PLANS AND LENGTHS IN ELEVATIONS SHALL BE AS SHOWN.
7. THE SPAN DIMENSIONS IN PLANS AND LENGTHS IN ELEVATIONS SHALL BE AS SHOWN.
8. THE SPAN DIMENSIONS IN PLANS AND LENGTHS IN ELEVATIONS SHALL BE AS SHOWN.
9. THE SPAN DIMENSIONS IN PLANS AND LENGTHS IN ELEVATIONS SHALL BE AS SHOWN.
10. THE SPAN DIMENSIONS IN PLANS AND LENGTHS IN ELEVATIONS SHALL BE AS SHOWN.
11. THE SPAN DIMENSIONS IN PLANS AND LENGTHS IN ELEVATIONS SHALL BE AS SHOWN.
12. THE SPAN DIMENSIONS IN PLANS AND LENGTHS IN ELEVATIONS SHALL BE AS SHOWN.

**120 KV SUSPENSION TOWER AA**  
**250 KV CONVERSION**  
**NEWBROUGH-HINES LINE**  
**DETROIT EDISON COMPANY**

SCALE: 1/4" = 1'-0"

DATE: 8-17-29

ENGINEER: SARGENT & LUNDY

CHICAGO 9, ILLINOIS

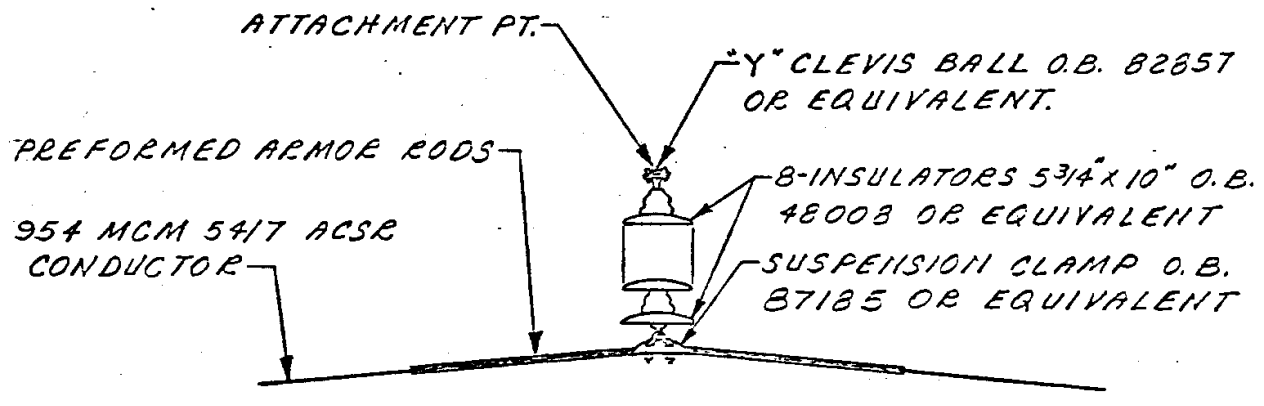
DRAWING NO. B-3

RECORDED IN THE RECORDS OF THE DETROIT EDISON COMPANY

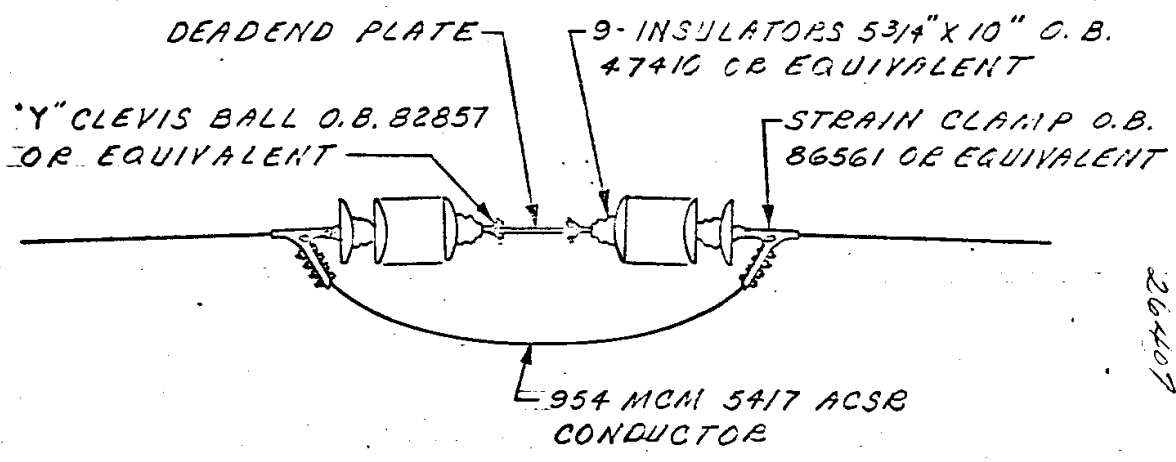
20409



SUSPENSION ASS'Y  
DETAILS



DEADEND ASS'Y  
DETAILS



26407

120 KV SUSPENSION &  
DEADEND ASS'Y DETAILS

APPROVED <i>J. Wright</i>	THE DETROIT EDISON COMPANY GENERAL ENGINEERING DEPARTMENT	
LAYOUT BY <i>J. Wright</i>	DRAWN BY <i>J. E. H.</i>	
DATE <i>1-25-71</i>	DRAWING NUMBER <i>ED1-7430</i>	
SCALE		

RAILROAD CROSSING

CHESAPEAKE AND OHIO RAILWAY COMPANY

WIXOM, CITY OF  
Section 5

In p.p. approx. 3200' S of Pontiac Trail Rd. and  
approx. 2800' E of Wixom Road.

OAKLAND COUNTY

PLAN RX-3928A

PERMIT NUMBER: ED2-8-7025 dated 3-30-72

TO T&D: April 4, 1972

*B/W 26407*  
*AGREEMENT DATED 3-24-72*

*26407*