

OCT 10 1979

To: Records Center

From: Virginia L. Sinnott
Real Estate and Rights of Way Department

Subject: *CONRAIL R.R. - RX3669A - Subtransmission*
Approximately 1,610 ft. South of Michigan Avenue and
1,170 ft. East of Cogswell Rd. NE 1/4 of Section 31,
Nankin Township, Wayne County, MI.

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. & R/W NO. 9	Update Type 10	D.E.C.O. RECORDS CENTER FILE NO. 11 15	R.X. NO. OR MAP NO. 20	Facility 21	Agreement Date 22 27
09	ME297RR	1?		3669A	2	070373
Payment Frequency 28	Rental 29 33	OH-UG Code 34	Division 35	County 36	City or Township 38 44	Section 45
X	XXXXX	1	6	13	NANKIN	31

Location										
47									C	50
PA1610FTSOFMICHAVE#1170FTEOF#08SWE										

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 *J. S. Sinnott*

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

RECORDED RIGHT OF WAY NO. 32635

DESCRIPTION

SPORT SUBSTATION EASEMENT AREA

Part of the East 1/2 of Section 31, Town 2 South, Range 9 East, City of Wayne, Wayne County, Michigan.

Described as: Commencing at the East 1/4 Corner of Section 31; Thence North 00°27'40" West, 338.38 Feet, to a point on the South line of an existing Detroit Edison tower line easement, Records Liber 18855, Page 320, Wayne County Records ; Thence South 77°08'01" West, 1142.89 Feet, along said easement line to the POINT OF BEGINNING;

Thence continuing South 77°08'01" West, 40.91 Feet, along said easement line ;
 Thence South 29°46'22" West, 82.09 Feet;
 Thence South 60°13'38" East, 61.24 Feet;
 Thence North 59°02'43" East, 19.48 Feet;
 Thence North 29°46'22" East, 42.16 Feet;
 Thence South 60°13'38" East, 15.60 Feet;
 Thence North 29°46'22" East, 43.81 Feet;
 Thence North 53°17'47" West, 56.68 Feet to the point of beginning.

Containing 0.181 acres of land.

Subject to all easements of record, if any.

TOWER LINE EASEMENT AREA

Part of the East 1/2 of Section 31, Town 2 South, Range 9 East, City of Wayne, Wayne County, Michigan.

Described as; Commencing at the East 1/4 Corner of Section 31; Thence North 00°27'40" West, 338.38 Feet, to a point on the South line of an existing Detroit Edison tower line easement, Recorded Liber 18855, Page 320, Wayne County Records; Thence South 77°08'01" West, 1183.80 Feet to the POINT OF BEGINNING;

Thence South 29°46'22" West, 106.89 Feet;
 Thence North 69°11'39" West, 141.83 Feet;
 Thence North 77°08'01" East, 190.44 Feet to the point of beginning.

Containing 0.172 acres of land.

Said tower line easement on, over, under and across the above described easement is to construct, reconstruct, operate and maintain overhead and underground electric lines including towers, poles, wires, manholes, conduits, cables and equipment. Edison may trim or cut down any trees, bushes, or branches in the easement that Edison believes could interfere with the operation and maintenance of its facilities. No buildings, structures or flammable materials of any kind shall be placed or stored in the easement without Edison's prior written consent.

Also a 30 foot wide tree trimming easement, lying adjacent to and parallel with Westerly side of the tower line easement, for the right to trim or cut down any trees, bushes, or branches that Edison believes could interfere with or grow to the point of interfering with operation and maintenance of existing or future Edison facilities in the tower line easement.


Subject to all easements of record, if any.

RECORDED RIGHT OF WAY NO. 32635

[Signature]
SHEET 2 OF 2

REV. "B"

JOB NO. 9406306

LOCATION EASEMENT SURVEY BEING PART OF THE E. 1/2 OF SEC. 31, T2S, R9E, CITY OF WAYNE, WAYNE CO., MI SPORT INDUSTRIAL SUBSTATION	Detroit Edison		TRANSMISSION & TECHNICAL SERVICES	
	SCALE 1 Inch = feet 	DRAWN BY	SURVEY ENGINEER <i>[Signature]</i>	
	DATE OF SURVEY	DRAWING NO. SE 6134-1		



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

June 7,

DO NOT WRITE IN THIS BOX		
Application No.	82000-28-79	
Permit No.	ME-297-RR-79	
Date of Issuance	June 22, 1979	
Fee Amount	waived	Date 6-22-79
Cash	Bill	By CLC

Mr. David Wilson, Acting
Utilities - Permits Engineer
Michigan Dept. of State
Highways & Transportation
P.O. Box 1226
18101 Nine Mile Road
Southfield, MI 48075

Gentlemen:

The Detroit Edison Company plans to construct, operate,
and maintain an overhead line in the City of Wayne,
Wayne County.

The line will cross the tracks of the Consolidated Rail
Corporation. The wires to be installed
are:

Crossing No. 1

Two 120,000 volts, 60 cycle, 3-wire, 3 phase
transmission circuits.

The railroad has given the following waiver of hearing:

- Waiver dated 5-11-79 enclosed
- Blanket Waiver on file with the MPSC.

The proposed crossing is shown on drawing No. RX- 3669-A

- This is a new crossing.
- This is a re-construction.

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

Permit No. _____

Date _____
By David B. Wilson

District Utilities-Permits Engr.

Very truly yours,

Leslie G. Sundstrom
Leslie G. Sundstrom
Office Supervisor
Real Estate & Rights of Way
630 WCB

RECORDED FROM COPY NO. 32635

PLEASE SEND WAIVER AS
SOON AS POSSIBLE. STRINGING
SCHEDULED FOR FIRST WEEK
IN JUNE. THANK
YOU.

DE-311

**Detroit
Edison**

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

Mr. R. W. Orr
1528 Walnut Street
Philadelphia, PA 19104

May 11, 1979

Proposed Overhead Wire Crossing:

Crossing No. 1

Two 120,000 volt, 60 cycle, 3-wire, 3 phase transmission
circuits

Part of the Brock-Newburg and the Hines-Trenton Channel
120 kV lines



CONSOLIDATED RAIL CORPORATION

M. P. S. C. HEARING WAIVED.....
YOUR FILE...RX 3669A. OUR FILE...DE-311.

R. W. Orr
(signed) R. W. ORR

Specific Location

Approximately 1,610 feet South of Michigan Avenue and
1,170 feet East of Cogswell Road

The spur tracks serve Ford Motor Company

R. R. Valuation Station _____ R. R. Mile Post _____

City/Village Wayne Township NE 1/4 of Section 31

County Wayne Detroit Edison Plan Attached RX 3669A

This is a New Crossing _____ This is a Reconstruction of Existing Crossing XXX

Previous Agreement Information (if any) Date _____ (R. R. Plan) M-DE-523A-W
1-5-65

Blanket Waiver of Hearing Covers _____ Waiver of Hearing Requested XXX 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.

Leslie G. Sundstrom
Leslie G. Sundstrom
RE & R/W Office Supervisor

RECORDED RIGHT OF WAY NO. 32635

File 32635

memorandum

DATE July 8 19 94

TO: TOM WILSON
CORPORATE REAL ESTATE SERVICES
2310 W.C.B.

FROM: Bruce Conrad
T. & C.E.
704 G.O.

SUBJECT:

MESSAGE: THE ATTACHED CROSSING DRAWING, RX-3669B, COVERS THE SECTION OF LINE NORTH OF TOWER 3938, WHICH FEEDS THE NEW SPORT SUBSTATION. THIS CROSSING REPLACES RX-3669A DATED JUNE 22, 1979 AND RX-3669 DATED JANUARY 26, 1965. ADDITIONALLY THIS CROSSING REPLACES

SIGNATURE

RX 2670A AND

REPLY: RX 2670.

file 12964
Conrail invoice No. 05710182

Bruce F. Conrad

JULY 8, 1994

RECORDED RIGHT OF WAY NO. 32635

DE 963-2087 3-71 55 (MS-1)

THE DETROIT EDISON COMPANY

SIGNATURE

DATE

SENDER:

REMOVE YELLOW COPY - FORWARD WHITE & PINK

RECIPIENT:

RETURN PINK COPY - RETAIN WHITE FOR FILE

SUPERIOR GRAPHICS • (313) 946-1191

3539



September 7, 1979

File: DE-311

Detroit Edison Company
2000 Second Avenue
Detroit, Michigan 48226

Attention: Leslie Sundstrom

Gentlemen:

Attached, for your records, is fully executed copy of ^{supplemental} an agree-
ment between your Company and our Corporation
dated July 13, 1979 covering addition of Tower 3939 off R.R.
R/W which changes the crossing of the Main Line by the 120-kv circuits
to Valuation Station 998+50+ and adds a private side track crossing btwn.
V.S. 653+25+ and 998+25+, 0.69 of a mile west of Wayne Jct., Michigan.

Please contact R. D. Lowery, Engr. of Const., Chicago, Illinois
Telephone: 312-236-7200, x2400 at least seven
(7) working days prior to desire to start work. No work can be-
gin until this is done and authorization obtained from Mr. Lowery.

Very truly yours,

R. W. Orr
R. W. Orr *per jcs*
Assistant Vice President - Contracts

Room 801

(215) 893- 6396

RECORDED HIGH OF WAY NO.

32635

CONRAIL

July 13, 1979
File: DE-311

Detroit Edison Company
2000 Second Avenue
Detroit, Michigan 48226

Attention: Leslie G. Sundstrom

Gentlemen:

Reference is made to an agreement dated July 3, 1973 our Registry Number 185642 and supplement dated April 29, 1974 between Penn Central Transportation Company and your Company covering (2) 120 kV circuits and one ground wire between V.S. 653+25+ and V.S. 998+25+, between 1.10 miles east of Inkster and 0.69 miles west of Wayne Junction, in Wayne County, Michigan.

It is our understanding that you now desire to add tower #3939 off Railroad right of way, which changes the crossing of the Main Line by the 120 kV circuits to Valuation Station 998+50+ and adds a crossing of private side track to the existing occupation as shown on Drawing Number RX-3669A which is hereto attached and hereby made a part of this supplemental agreement.

Formal consent of Consolidated Rail Corporation is hereby given to the above described changes with the understanding that all the terms and conditions of the aforementioned agreement of July 3, 1973 and supplements thereto will apply with full force and effect except your Company shall pay the sum of \$200.00, (Two Hundred) as reimbursement of costs incidental to the preparation of this supplemental agreement upon execution herewith.

It is further understood and agreed that you will notify Mr. R. D. Lowery, Engineer Construction, Chicago, Illinois, Telephone: 312-236-7200 x2400 at least seven (7) working days prior to start of work.

To confirm your acceptance of these conditions, please have these letters executed by an authorized official of your Company and return to this office for like action. A fully executed copy will be returned for your records in due course.

WITNESS:

[Handwritten signature]

CONSOLIDATED RAIL CORPORATION

BY *R. W. Orr*
R. W. Orr, Asst. Vice President-Contracts

WITNESS:

[Handwritten signature]
8/24/79

DETROIT EDISON COMPANY

BY *[Handwritten signature]*
Its **R. R. Tewksbury**, Director Real Estate and Rights of Way Dept.

JTH/c
(215) 893-6996

RECORDED RIGHT OF WAY NO. 32635

DATA SHEET TO ACCOMPANY DRAWING RX-3669A

Revision of Crossing Rx-3669

Crossing No. 1 Covered Under Permit ED2-8-5471 Dated 1/26/65

Crossing No. 2 Covered Under Permit ED2-8-5470 Dated 1/26/65

Name of Company

The Detroit Edison Company

Name and Location of Crossing

Crossing of the Brock-Newburgh and the Hines-Trenton Channel 120 kV lines over the Consolidated Rail Corp. Railroad.

Crossing No. 1: Approximately 1,610 feet south of Michigan Avenue and 1,170 feet east of Cogswell Road.

Crossing No. 2: Approximately 800 feet south of Michigan Avenue and 1,020 feet east of Cogswell Road.

Both crossings are located in the northeast $\frac{1}{4}$ of Section 31, Nankin Township, Wayne County, Michigan.

Circuits

Two 120,000 volt, 60 cycle, 3-wire, 3 phase transmission circuits with one ground wire.

Towers and Crossarms

See attached drawings T-11866 (TD), ED1-7218 (TM) (TH).

Conductors

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

Insulators

Deadend - Nine 5-3/4" x 10" insulators.

Suspension - Eight 5-3/4" x 10" insulators.

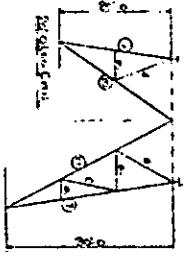
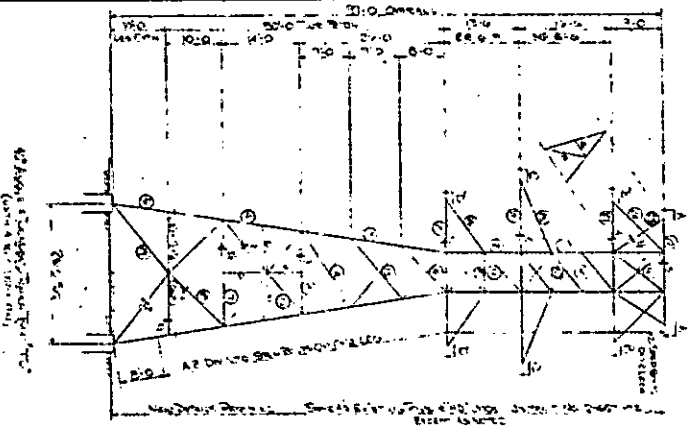
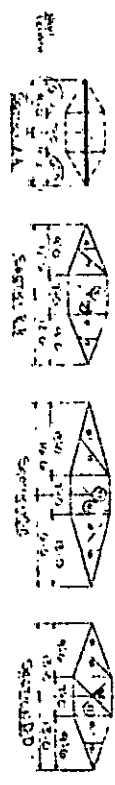
Guy and Guy Attachments

None

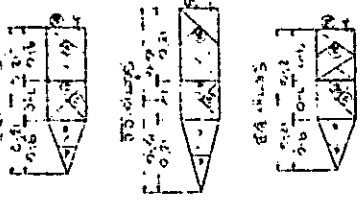
Suspension and Deadend Details

See attached drawing, ED1-7008.

RECORDED RIGHT OF WAY NO. 32635



1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20



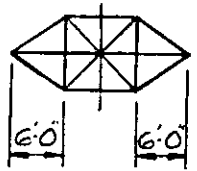
NOTES:
 1. Bridge is to be constructed in accordance with the plans and specifications of the Department of Public Works, City of Los Angeles.
 2. The bridge shall be constructed of steel and concrete.
 3. The bridge shall be constructed in accordance with the latest edition of the American Institute of Steel Construction, Inc. specifications.
 4. The bridge shall be constructed in accordance with the latest edition of the American Concrete Institute specifications.
 5. The bridge shall be constructed in accordance with the latest edition of the American Bridge Company specifications.

SECTION A
 SECTION B
 SECTION C
 SECTION D
 SECTION E

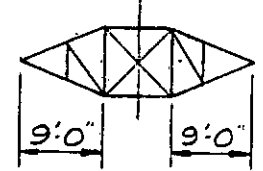
General Notes:
 1. The bridge shall be constructed in accordance with the plans and specifications of the Department of Public Works, City of Los Angeles.
 2. The bridge shall be constructed of steel and concrete.
 3. The bridge shall be constructed in accordance with the latest edition of the American Institute of Steel Construction, Inc. specifications.
 4. The bridge shall be constructed in accordance with the latest edition of the American Concrete Institute specifications.
 5. The bridge shall be constructed in accordance with the latest edition of the American Bridge Company specifications.
 6. The bridge shall be constructed in accordance with the latest edition of the American Institute of Steel Construction, Inc. specifications.
 7. The bridge shall be constructed in accordance with the latest edition of the American Concrete Institute specifications.
 8. The bridge shall be constructed in accordance with the latest edition of the American Bridge Company specifications.
 9. The bridge shall be constructed in accordance with the latest edition of the American Institute of Steel Construction, Inc. specifications.
 10. The bridge shall be constructed in accordance with the latest edition of the American Concrete Institute specifications.
 11. The bridge shall be constructed in accordance with the latest edition of the American Bridge Company specifications.
 12. The bridge shall be constructed in accordance with the latest edition of the American Institute of Steel Construction, Inc. specifications.
 13. The bridge shall be constructed in accordance with the latest edition of the American Concrete Institute specifications.
 14. The bridge shall be constructed in accordance with the latest edition of the American Bridge Company specifications.
 15. The bridge shall be constructed in accordance with the latest edition of the American Institute of Steel Construction, Inc. specifications.
 16. The bridge shall be constructed in accordance with the latest edition of the American Concrete Institute specifications.
 17. The bridge shall be constructed in accordance with the latest edition of the American Bridge Company specifications.
 18. The bridge shall be constructed in accordance with the latest edition of the American Institute of Steel Construction, Inc. specifications.
 19. The bridge shall be constructed in accordance with the latest edition of the American Concrete Institute specifications.
 20. The bridge shall be constructed in accordance with the latest edition of the American Bridge Company specifications.

Item No.	Description	Quantity	Unit	Price	Total
1	Steel truss members	1000	lb	0.15	150.00
2	Concrete deck	1000	sq ft	1.50	1500.00
3	Reinforcement steel	1000	lb	0.10	100.00
4	Formwork	1000	sq ft	0.50	500.00
5	Foundation	1000	sq ft	2.00	2000.00
6	Abutment	1000	sq ft	3.00	3000.00
7	Approach	1000	sq ft	1.00	1000.00
8	Paint	1000	gal	0.20	200.00
9	Construction	1000	hr	1.00	1000.00
10	Material	1000	hr	1.00	1000.00
11	Transportation	1000	hr	1.00	1000.00
12	Insurance	1000	hr	1.00	1000.00
13	Contingency	1000	hr	1.00	1000.00
14	Profit	1000	hr	1.00	1000.00
15	Subtotal				10000.00
16	Tax				1000.00
17	Total				11000.00

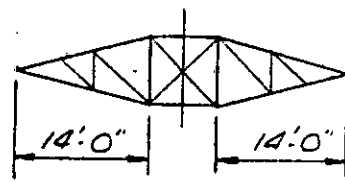
City of Los Angeles
 Department of Public Works
 Bridge Division
 1234 Main Street
 Los Angeles, California
 Date: 1/1/1915
 Engineer: J. B. ...
 Architect: ...



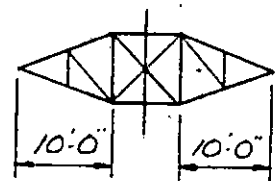
SECTION AA



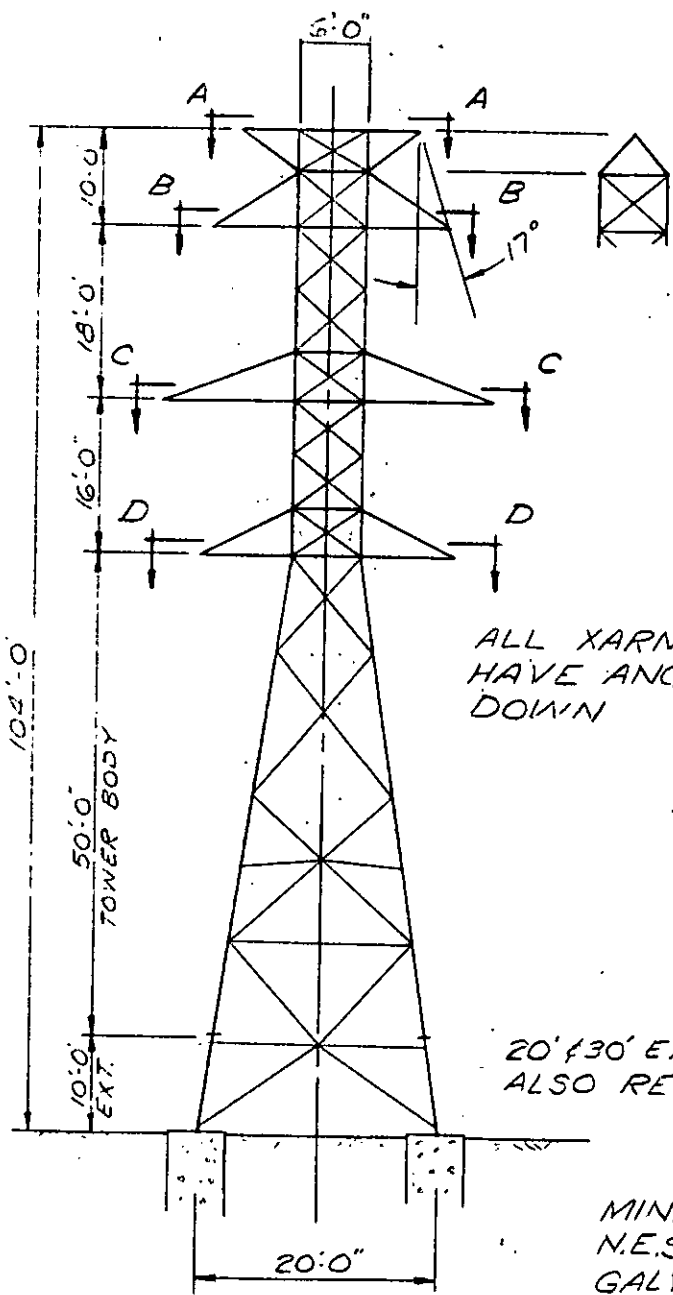
SECTION B-B



SECTION C-C



SECTION D-D



ALL XARMS MUST
HAVE ANGLES TOED
DOWN

20' & 30' EXTENSIONS
ALSO REQUIRED

MIN. STEEL THICKNESS ~ 3/16"
N.E.S.C. GRADE B (GTH. ED.)
GALV. PER ASTM SPEC. A123
ALL BOLTS SAME DIA. (ASTM - A 394)
BRACING SHOWN FOR
ILLUSTRATION ONLY

CROSSARMS FOR 15:30 D.E. TOWER

CROSSARMS FOR 30:45 D.E. TOWER

RECORDED EXACT COPY FILE NO. 32635

230 KV DEADEND TOWERS
TYPE TM ~ 15:30 ANGLE
TYPE TH ~ 30:45 ANGLE

APPROVED	THE DETROIT EDISON COMPANY GENERAL ENGINEERING DEPARTMENT	
	LAYOUT BY R.O.S.	DRAWN BY R.O.S.
	DATE 6/19/70	DRAWING NUMBER
	SCALE ~	ED-1-7218

STATE OF MICHIGAN
BEFORE MICHIGAN PUBLIC SERVICE COMMISSION

Standard Railroad Wire-Crossing Permit No. ED2-8-5470

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
New York Central System

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 Crossing # 2

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

Township of Nankin
County of Wayne
State of Michigan

Crossing of Trenton Channel-Hines & Trenton Channel-Newburgh 120 kv transmission Circuits located 1320' E of Cogswell & 485' S of Mich. Ave., Sect. 31, T2S, R9E, two (2) 120 kv, 60 cycle, 3 wire, 3 ph. transmission Circuits with one (1) Ground Wire being:
6 - 477 MCM ACSR (26/7) Conductors
1 - 3/8" Beth "C" 7 strd. Ground Wire
per Dwg. RX-3669

as indicated on the attached plans, when, as and if approved.

At the point of crossing said wires shall be constructed 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 **nineteenth** day of **January** A. D. 19 **65**

MICHIGAN PUBLIC SERVICE COMMISSION
By

Peter B. Spivak
Chairman,

John E. Torney
Commissioner,

George Washington
Commissioner.

Countersigned

Norman Berkowitz
Secretary

32635

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

I, Norman Berkowitz, Secretary of the Michigan Public Service Commission Do Hereby Certify, That I have compared the annexed copy of **Railroad Wire Crossing Permit No. ED2-8-5470**

RECORDED
INDEXED
FILE NO. 32635

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 nineteenth day of January in the year of our Lord one thousand nine hundred sixty five

Norman Berkowitz
Secretary

STATE OF MICHIGAN
BEFORE MICHIGAN PUBLIC SERVICE COMMISSION

Standard Railroad Wire-Crossing Permit No. ED2-8-5471

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

New York Central System
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 railroad company having waived the right of notice and hearing provided for in said act

THEREFORE, It is ordered that said

The Detroit Edison Company Crossing #1

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

Township of Nankin
County of Wayne
State of Michigan

Crossing of Trenton Channel-Hines & Trenton Channel-Newburgh 120 kv transmission Circuits located approx. 1320' E of Cogswell & approx. 1395' & 1650' S of Mich. Ave., Sect. 31, T2S, R9E, two (2) 120 kv, 60 cycle, 3 wire, 3 ph. transmission Circuits with one (1) Ground Wire being: 6 - 477 MCM ACSR (26/7) Conds. 1 - 3/8" Beth "C" 7 strd. steel Grd. Wire per Dwg. RX-3669

as indicated on the attached plans, when, as and if approved.

At the point of crossing said wires shall be constructed 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 **nineteenth** day of **January** A. D. 19**65**

MICHIGAN PUBLIC SERVICE COMMISSION
By

Peter B. Spivak
Chairman,

John E. Torney
Commissioner,

George Washington
Commissioner.

Countersigned

Norman Berkowitz
Secretary

RECORDED RIGHT OF WAY
32635

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

I, Norman Berkowitz, Secretary of the Michigan Public Service Commission Do Hereby Certify, That I have compared the annexed copy of **Railroad Wire Crossing Permit No. ED2-8-5471**

RECORDED RIGHT OF WAY NO. 32635

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 nineteenth day of **January** in the year of our Lord one thousand nine hundred **sixty five**

Norman Berkowitz
Secretary

THE DETROIT EDISON COMPANY

2000 SECOND AVENUE
DETROIT, MICHIGAN 48226

January 11, 1965

MICHIGAN PUBLIC SERVICE COMM.	
PUBLIC UTILITIES DIVISION	
Tel. _____	Gas _____
Elec. _____	R & S _____
JAN 12 1965	
Adm. _____	File _____

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 New York Central System located in industrial property approximately 1320 feet east of Cogswell and 485 feet south of Michigan Avenue, Section 31, Nankin Township, Wayne County, Michigan.

Two 120,000 volt, 60-cycle, 3-wire, 3-phase transmission circuits with one ground wire (Crossing # 2), part of the Trenton Channel-Hines and Trenton Channel-Newburgh 120-KV Transmission Lines.

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.
- 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. _____ dated _____
- This is a new crossing.

Reference number of construction drawing is RX-3669

Waiver Attached
File M-DE-523A-W

Yours very truly,

I. W. Gamble
Supervisor of Rights of Way
Properties and Rights of Way Dept.

RECORDED NIGHT COPY NO. 32635

THE DETROIT EDISON COMPANY

2000 SECOND AVENUE
DETROIT MICHIGAN 48226

MICHIGAN PUBLIC SERVICE COMM.	
PUBLIC UTILITIES DIVISION	
Tel. _____	Gas _____
Elec. _____	R & S _____
JAN 12 1965	
Adm. _____	_____
File _____	_____

January 11, 1965

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 New York Central System located in industrial property approximately 1320 feet east of Cogswell and approximately 1395 feet and 1650 feet south of Michigan Avenue, Section 31, Nankin Township, Wayne County, Michigan.

Two 120,000 volt, 60-cycle, 3-wire, 3-phase transmission circuits with one ground wire (Crossing # 1), part of the Trenton Channel-Hines and Trenton Channel-Newburgh 120-KV Transmission Lines.

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.
- 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. _____ dated _____
- This is a new crossing.

Reference number of construction drawing is RX-3669

Yours very truly,

Waiver Attached
File M-DE-523A-W

I. W. Gamble
I. W. Gamble
Supervisor of Rights of Way
Properties and Rights of Way Dept.

RECORDED NUMBER OF WAY NO. 32635

NEW YORK CENTRAL SYSTEM

LaSalle St. Station
Chicago 5, Ill.

January 5, 1965

File M-DE-523A-W

I. W. GAMBLE

JAN 7 1965

PROP. & R/W DEPT.

The Detroit Edison Company
2000 Second Avenue
Detroit 26, Michigan

Attention: Mr. I. W. Gamble, Supervisor of Rights of Way
Properties and Rights of Way Department

Gentlemen:

Reference is made to your letter of October 22, 1964, for a wire crossing permit to install two 120,000 volt, 60-cycle, 3-wire, 3-phase transmission circuits with one ground wire (Crossing #2) over our spur tracks as part of the Trenton Channel-Hines and Trenton Channel-Newburgh 120-KV Transmission Lines located in industrial property approximately 1320 ft. east of Cogswell and 485 ft. south of Michigan Avenue in Nankin (Section 31) Township, Wayne County, Michigan, as indicated on your plan RA-3669.

The New York Central Railroad Company, lessee of the Michigan Central Railroad, hereby waives hearing in regard to your Company making the above mentioned construction provided the work is done in a safe and satisfactory manner and subject to rules and regulations of the Michigan Public Service Commission.

Advice should be furnished Mr. C. F. Hunt, District Engineer, Detroit, Michigan, by letter or wire, three days prior to start of the work.

Yours very truly,

(Sgd) C. E. Defendorf

Chief Engineer.

cc: Mr. C. F. Hunt

THE DETROIT EDISON COMPANY

2000 SECOND AVENUE
DETROIT 26, MICHIGAN

TO: Mr. C. E. Defendorf, Chief Engineer
New York Central System
LaSalle Street Station
Chicago 5, Illinois

October 22, 1964

We hereby ~~request~~ ^{spur} request permission for facilities over your tracks ~~and/or~~
~~right-of-way~~ as follows:

Proposed Construction: Install two 120,000 volt, 60-cycle, 3-wire, 3-phase transmission
circuits with one ground ^{wire} (Crossing #1).

Specific Location Part of the Trenton Channel-Hines and Trenton Channel-Newburgh 120-KV
Transmission Lines located in industrial property approximately 1320 feet east of
Cogswell and approximately 1395 feet and 1650 feet south of Michigan Avenue.

R.R. Valuation Station _____ R.R. Mile Post _____
City/Village _____ Township Waukegan (Section 31)
County Wayne Detroit Edison Plan Attached RX-3669
This is a New Crossing X This is a Reconstruction of Existing Crossing _____
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.

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

IWG:dal

RECORDED RIGHT OF WAY NO. 32635

THE DETROIT EDISON COMPANY

2000 SECOND AVENUE
DETROIT 26, MICHIGAN

TO: Mr. C. E. Defendorf, Chief Engineer
New York Central System
LaSalle Street Station
Chicago 5, Illinois

October 22, 1964

We hereby ~~request~~ ^{spur} request permission for facilities over your ~~tracks and/or~~
~~right-of-way~~ as follows:

Proposed Construction: Install two 120,000 volt, 60-cycle, 3-wire, 3-phase transmission
circuits with one ground wire (Crossing #2).

Specific Location Part of the Trenton Channel-Hines and Trenton Channel-Newburgh 120-KV
Transmission Lines located in industrial property approximately 1320 feet east of Cogswell
and 485 feet south of Michigan Avenue.

R.R. Valuation Station _____ R.R. Mile Post _____
City/Village _____ Township Nankin (Section 31)
County Wayne Detroit Edison Plan Attached RX-3669
This is a New Crossing This is a Reconstruction of Existing Crossing _____
Previous Agreement Information (if any) Date _____ (R.R. Plan) _____

RECORDED RIGHT OF WAY NO. 326351

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

IWG:dal

DATA SHEET TO ACCOMPANY DRAWING RX-3669

Name of Company

The Detroit Edison Company

Name and Location of Crossing

Crossing of the Trenton Channel-Hines and Trenton Channel-Newburgh 120 kv transmission circuits over the New York Central Railroad at two locations: The first location is approximately 1320 ft. east of Cogswell and approx. 1395 ft. and 1650 ft. south of Michigan Ave., the second crossing is approx. 1320 ft. east of Cogswell and 485 ft. south of Michigan Ave. Both crossings are located in Section 31 Nankin Township, Wayne County, Michigan.

Circuits

Two 120,000 volt, 60 cycle, 3-wire, 3 phase transmission circuits with one ground wire.

Towers and Crossarms

As per attached print No. T-7617.

Conductors

Six - 477 Mcm 26/7 ACSR conductors and one - 3/8" Beth. "C"
7 str. steel ground wire.

Insulators

Eight (8) - 5-3/4" x 10" O.B. #32440 or equivalent in suspension.

Guy and Guy Attachments

None

Guy Clamps and Insulators

None

Guy Anchor and Anchor Rods

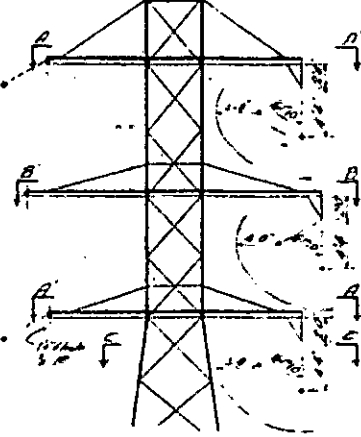
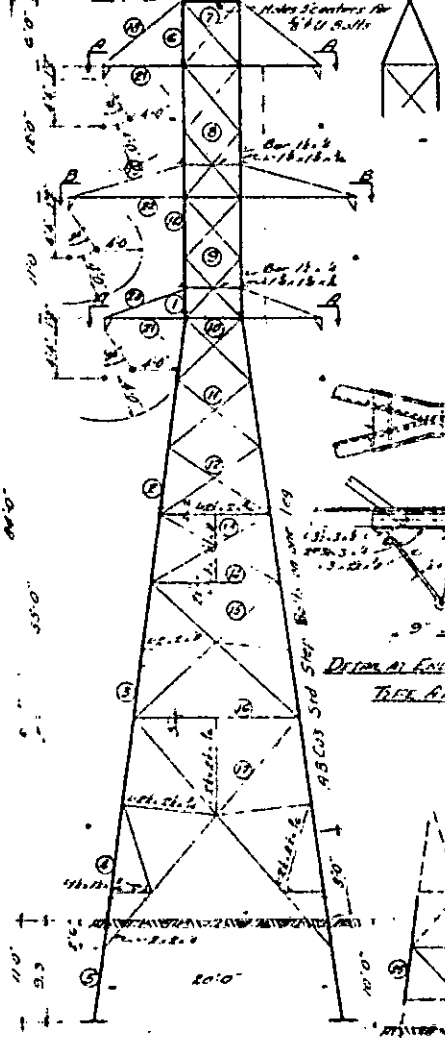
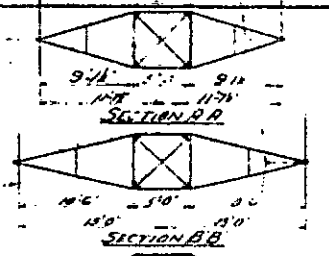
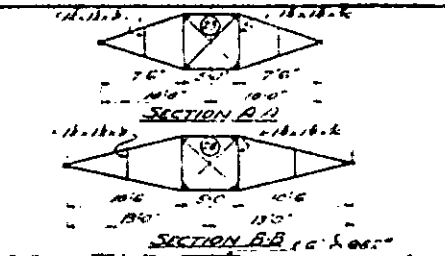
None

Suspension and Deadend Details

Shown on drawing RX-3669.

General Engineering Department
MLF:cap
10-16-64

RECORDED NIGHT OF MAY NO. 32635

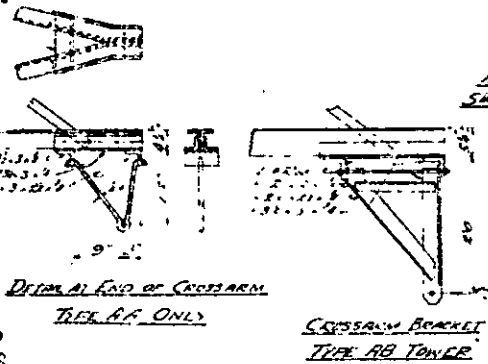


Member	SUSP. TYPE A.A		15° ANGLE TYPE AB	
	UH	SECTION	UH	SECTION
10	27.2	4 x 4 x 1/2	42.4	4 x 4 x 1/2
1	52.8	do	68.0	do
2	59.1	5 x 5 x 3/8	81.8	5 x 5 x 3/8
3	62.9	do	91.2	5 x 5 x 3/8
4	61.5	do	90.4	do
5	62.1	Grillage 2" x 3"	75.0	Grillage 2" x 3"
6	67.0	2 x 3 x 1/2	67.0	2 x 3 x 1/2
7	12.0	1 1/2 x 1 1/2 x 1/4	12.0	1 1/2 x 1 1/2 x 1/4
8	10.8	1 1/2 x 1 1/2 x 1/4	10.8	1 1/2 x 1 1/2 x 1/4
9	15.9	2 1/2 x 2 1/2 x 1/4	18.3	2 1/2 x 2 1/2 x 1/4
10	11.0	3/4 x 3/4 x 1/4	15.5	do
11	7.8	2 x 2 x 1/4	11.7	2 x 2 x 1/4
12	6.8	do	9.2	do
13	4.5	1 1/2 x 1 1/2 x 1/4	7.0	1 1/2 x 1 1/2 x 1/4
14	4.0	2 x 2 x 1/4	5.5	2 x 2 x 1/4
15	3.7	1 1/2 x 1 1/2 x 1/4	4.2	1 1/2 x 1 1/2 x 1/4
16	6.2	2 1/2 x 2 1/2 x 1/4	8.6	2 1/2 x 2 1/2 x 1/4
17	8.1	1 1/2 x 1 1/2 x 1/4	11.5	1 1/2 x 1 1/2 x 1/4
18	5.8	Bar 1 1/2 x 1/4	5.8	Bar 1 1/2 x 1/4
19	6.8	do	6.8	do
20	5.6	do	5.6	do
21	12.1	4 x 3 x 1/2	18.8	5 x 3 x 1/2
22	12.0	do	12.0	do
23	2.4	1 1/2 x 1 1/2 x 1/4	2.4	1 1/2 x 1 1/2 x 1/4
24	3.0	do	3.0	do
25	4.15	5/8 x 5/8 x 1/4	5.5	5/8 x 5/8 x 1/4
26	6.21	do	9.29	do
27	4.6	1 1/2 x 1 1/2 x 1/4	5.6	1 1/2 x 1 1/2 x 1/4
28	3.3	2 1/2 x 2 1/2 x 1/4	4.9	2 1/2 x 2 1/2 x 1/4
29	5.8	1 1/2 x 1 1/2 x 1/4	8.0	1 1/2 x 1 1/2 x 1/4

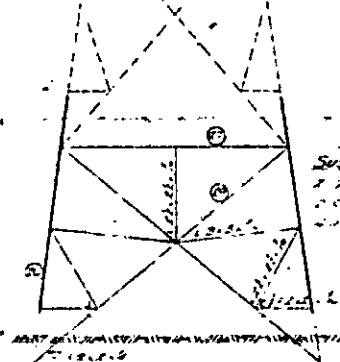
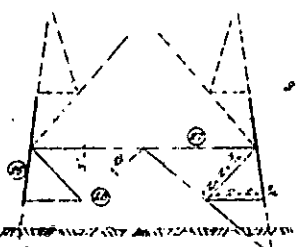
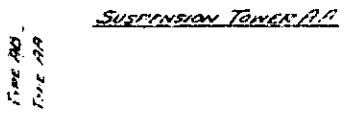
SUSP. TYPE A.A - ANGLE TYPE AB
 The towers are designed to support 1 Groundwire of 135000 cm ACSR and 6 conductors of 477000 cm ACSR on a largest span of 1000 or 880' span with angle in line 3 or 15° for AA or AB respectively.
 The cables are to be so strung that the maximum tension under 4" wind on 1/2" ice coated cables will not exceed 6000' in the groundwire and 77% in the conductors in accordance with 5th Edition N.E.S.C.

LOADS
 (1) Wind
 1 Groundwire @ 1000' - 940'
 6 Conductors @ 500' - 9000' - 10000'
 (2) Transverse (Wind on cables)
 1 Groundwire @ 450' - 450'
 6 Conductors @ 545' - 2270' - 3750'
 (3) Transverse - 9 ANGLE 15 ANGLE
 1 GW @ 34" - 34" @ 225' - 156'
 6 Cond @ 400' - 2250' - 2250' - 2250' - 2250'
 (4) Longitudinal at groundwire of 6200' and any one conductor at 6200' (50% of 77%) or any 2 conductors at 6200' each
 (5) Wind on tower of 65" per sq ft on 1 1/2 times projected area of one face.
 (6) Dead load of Tower
 (7) Transverse load at each of 3 conductors or supports on one side of Tower of 6200' total 18600'

Combine: 1271, 254, 2, 165, 2, 165, 4, 1271, 5, 1271, 5, 54, 5, 2, 165, 5, 2, 165, 4, 1271, 5 for Type AB only - 3 conductors broken 1271, 1, 2, 54, 2, 2, 165, 2, 2, 165, 4, 1271, 5, 1271, 5

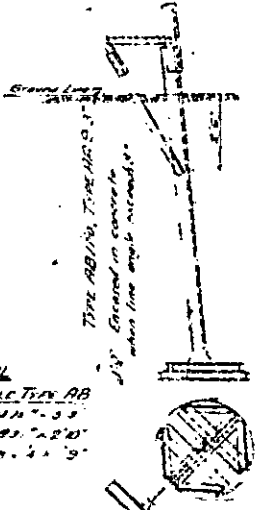


SECTION C.C



GRILLAGE MATERIAL

SUSP. TYPE A.A	15° ANGLE TYPE AB
2 7/8 x 3 1/2 x 3/8	2 3/4 x 3 1/2 x 3/8
2 1/2 x 3 1/2 x 3/8	2 1/2 x 3 1/2 x 3/8
2 1/2 x 3 1/2 x 3/8	2 1/2 x 3 1/2 x 3/8



AMERICAN BRIDGE CO.
 512 FURTH ANCHOR

TRANSMISSION TOWERS
 THE DETROIT EDISON CO.
 DETROIT, MICH.
 TYPE AA AND AB TOWERS

AMERICAN BRIDGE CO.
 PITTSBURGH, PA.

INQUIRY NO. T-40088
 ORDER NO. J-193
 DRAWING T-7617

3265

DATA SHEET TO ACCOMPANY DRAWING RX-3669

Name of Company

The Detroit Edison Company

Name and Location of Crossing

Crossing of the Trenton Channel-Hines and Trenton Channel-Newburgh 120 kv transmission circuits over the New York Central Railroad at two locations: The first location is approximately 1320 ft. east of Cogswell and approx. 1395 ft. and 1650 ft. south of Michigan Ave., ~~the second crossing is approx. 1320 ft. east of Cogswell and 485 ft. south of Michigan Ave.~~ Both crossings are located in Section 31 Nankin Township, Wayne County, Michigan.

Circuits

Two 120,000 volt, 60 cycle, 3-wire, 3 phase transmission circuits with one ground wire.

Towers and Crossarms

As per attached print No. T-7617.

Conductors

Six - 477 Mcm 26/7 ACSR conductors and one - 3/8" Beth. "C" 7 str. steel ground wire.

Insulators

Eight (8) - 5-3/4" x 10" O.B. #32440 or equivalent in suspension.

Guy and Guy Attachments

None

Guy Clamps and Insulators

None

Guy Anchor and Anchor Rods

None

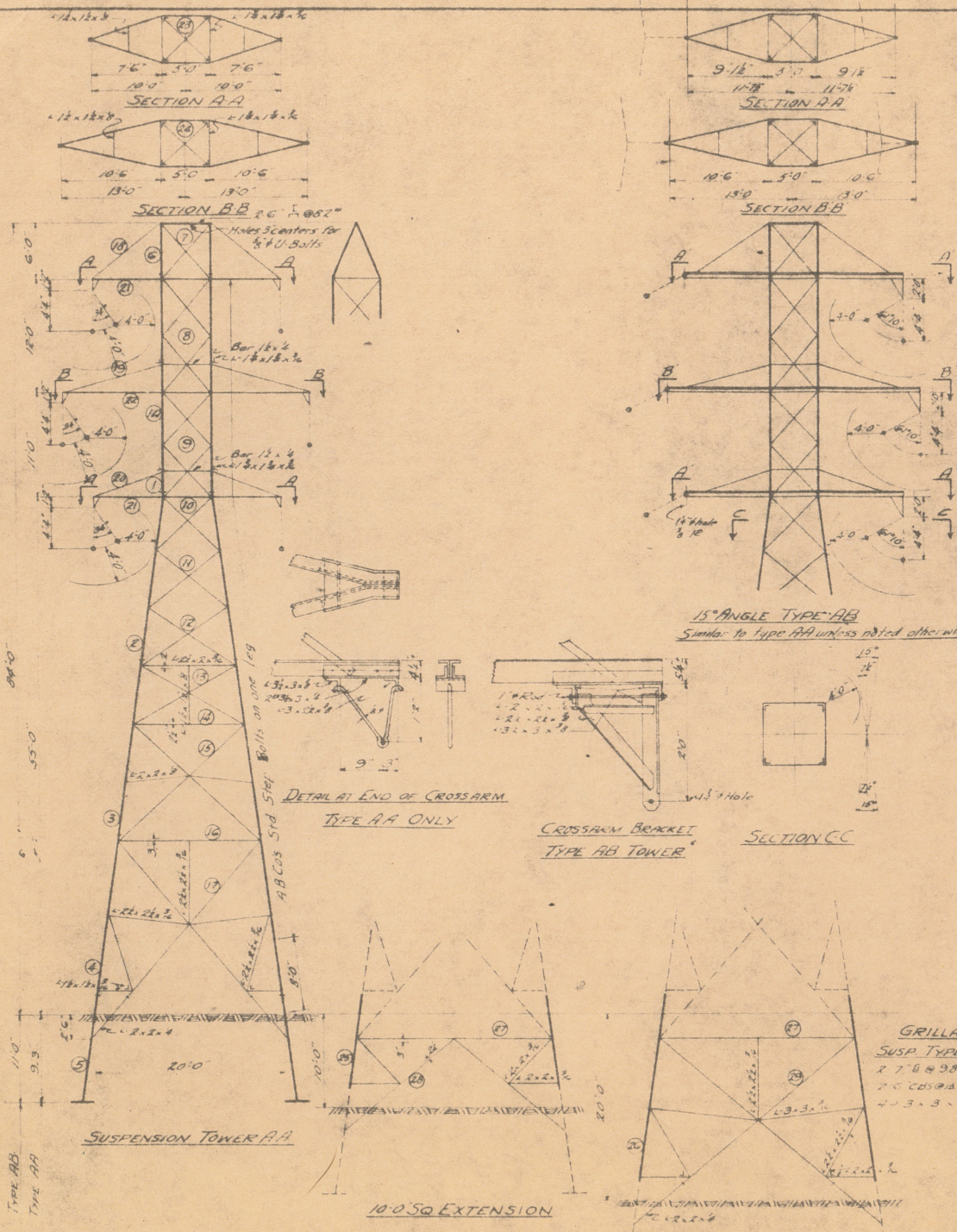
Suspension and Deadend Details

Shown on drawing RX-3669.

General Engineering Department
MLF:cap
10-16-64

RECORDED RIGHT OF WAY NO.

22635



Member	SUSP TYPE A A		15 ANGLE TYPE AB	
	UH Stress	SECTION	UH Stress	SECTION
1A	382	4 x 4 x 1/2	494	4 x 4 x 3/8
1	372	do	682	do
2	591	5 x 5 x 3/8	818	5 x 5 x 3/8
3	609	do	919	6 x 6 x 3/8
4	612	do	954	do
5	601	Grill 10 x 9.5	752	Grill 10 x 11.5
6	62	2 x 3 x 4	69	2 x 3 x 4
7	12	1/2 x 1/2 x 1/2	19	1/2 x 1/2 x 1/2
8	10.5	2 x 2 x 1/2	10.5	2 x 2 x 1/2
9	14.9	2 1/2 x 2 x 1/2	18.3	2 1/2 x 2 x 1/2
10	11.0	2 x 2 x 1/2	16.5	do
11	7.8	2 x 2 x 1/2	11.7	2 x 2 x 1/2
12	6.2	do	9.0	do
13	4.6	2 x 2 x 1/2	7.0	2 1/2 x 2 x 1/2
14	4.0	2 x 2 x 1/2	5.5	3 x 2 x 1/2
15	9.7	1 1/2 x 1 1/2 x 1/2	13.2	1 1/2 x 1 1/2 x 1/2
16	6.2	3/4 x 3/4 x 1/2	8.6	3/4 x 3/4 x 1/2
17	8.1	1 1/2 x 1 1/2 x 1/2	11.5	1 1/2 x 1 1/2 x 1/2
18	5.8	Bar 1 1/2 x 1/2 x 1/2	5.8	Bar 1 1/2 x 1/2 x 1/2
19	6.8	do	6.8	do
20	5.6	do	3.6	do
21	12.7	4 x 3 x 1/2	18.2	5 x 3 1/2 x 1/2
22	22.8	do	23.3	do
23	2.4	1/2 x 1/2 x 1/2	2.4	1/2 x 1/2 x 1/2
24	3.9	do	3.9	do
25	61.5	5 x 5 x 3/8	96.5	6 x 6 x 3/8
26	62.1	do	97.9	do
27	4.6	2 x 3 x 4	6.6	4 x 3 x 4
28	3.3	3/4 x 3/4 x 1/2	4.9	3/4 x 3/4 x 1/2
29	5.8	1 1/2 x 1 1/2 x 1/2	8.6	1 1/2 x 1 1/2 x 1/2

* Denotes setting tplement members

SUSP TYPE AA / 15 ANGLE TYPE AB

The towers are designed to support 1 groundwire of 134600 cm ACSR and 6 conductors of 477000 cm ACSR on a tangent span of 1000 or 880' span with angle in line 3' or 15' for AA or AB respectively.

The cables are to be so strung that the maximum tension under 4" wind on 1/2" ice coated cables will not exceed 6000' in the groundwire and 2770' in the conductors in accordance with 5th Edition N.E.S.C.

- LOADS**
- (1) Vertical
 - 1 Groundwire @ 1000' = 940'
 - 6 Conductors @ 500' = 9000' 10000'
 - (a) Transverse (Wind on cables)
 - 1 Groundwire @ 450' = 450'
 - 6 Conductors @ 545' = 3270' 3720'
 - (ab) Transverse - 3 ANGLE 15 ANGLE
 - 1 G.W. @ 314' = 314' 1556' 1556'
 - 6 Cond @ 406' 2436' 2720' @ 222' 2165' 2375'
 - (c) Longitudinal at groundwire of 6200' and any one conductor of 6200' (80% of 7770') or any 2 conductors of 6200' each
 - (d) Wind on tower of 65' per sq ft on 1/4 times projected area of one face.
 - (5) Dead load of tower.
 - (6) Torsional load at each of 3 conductors or supports on one side of tower of 6200' total 18600'.
- Combine: 127x1, 254x2, 165x2, 254x4, 127x5 or 127x1, 254x9, 165x5, 254x11, 110x3, 254x4, 127x5
- For Type AB only - 3 conductors broken 127x1, 254x4, 165x1/2 of 254x4, 127x5, 110x6

UNIT STRESSES

- Tension on net section 33000' per sq in.
- Comp on gross section 33000' x 30' = 150
- Comp on gross section 24000' x 70' = 150
- Shear on bolts 30000' per sq in
- Bearing on bolts 6000' per sq in
- MATERIAL:** UH Steel ASTM A7 latest revision
- COATING:** All material galvanized
- CONNECTIONS:** Bolted, 5/8" bolts
- SPECIFICATIONS:** AB Cos. Standard specifications for Transmission Towers.
- NOTE:** Cross arms designed for 7770' and hangers for double vertical.

GRILLAGE MATERIAL

SUSP TYPE AA	15 ANGLE TYPE AB
2 7" @ 98" x 3"	28" @ 117" x 3"
2 5" @ 85" x 3"	25" @ 98" x 2 1/2"
4 3" x 3" x 1/2"	4 3" x 3" x 1/2"

DB-CC-1-4

TRANSMISSION TOWERS

THE DETROIT EDISON CO
DETROIT, MICH
TYPE AA AND AB TOWERS

NORMAL VOLS	AMERICAN BRIDGE CO. PITTSBURGH, PA.
CIRCUITS	
CONDUCTORS GROUND WIRE	
REVISIONS	INQUIRY No T-4008-B ORDER No. J-4193 DRAWING T-7617
254x4 2 1/2" Dim. Grillage Material 254x4 1/2" 3x4 1/2" x 1/2" x 1/2"	DRAWING No. 7-617

Copyright: American Bridge Co., 1947

DATE: 2-27-47 SCALE

REPRODUCED BY THE DETROIT EDISON CO. FROM THE ORIGINAL DRAWING

Submit One (1) Copy for each Span to
Real Estate and Rights of Way Dept.

THE DETROIT EDISON COMPANY

RAILROAD CROSSING REMOVAL

RX 2670 A

Span 1738'

M.P.S.C. Permit and Date ED 2-8-5557 (6-22-65)

Railroad: NEW YORK CENTRAL

Location: Railroad property at a point on the Denton
Channel-Hines & Denton Channel - Newburgh 120 KV
Transmission Line approximately 1,300 east of Cogswell
and 1,700 feet south of Michigan Ave - Section
31, Mankin Twp., Wayne County.

Reason:

RX-3669 A took its place

System Engineering Dept.

Date

6-22-79

By

C. VAN PARIS

RECORDED RIGHT OF WAY NO.

32635

INTERDEPARTMENT CORRESPONDENCE

January 26, 1965

NOTICE OF PERMIT RECEIVED

TO: Mr. Martin F. Wizer, A-420 Warren Service Center
Overhead Lines Department

Michigan Public Service Commission Permit ED2-8-5470 (1-19-65)

For crossing of steel tower ~~41-Frame~~ transmission line over tracks of New York
Central System

Location: In industrial property at a point on the Trenton Channel-
Hines and Trenton Channel-Newburgh 120-KV Transmission Lines
approximately 1320 feet east of Cogswell and 485 feet south of
Michigan Avenue

City/Village _____

Township Merkin (Section 31)

County Wayne Crossing Plan No. RX-3669 (Crossing #2)

I. W. Gamble/dal
Properties and Rights of Way Dept.

CC - RAILROAD CROSSING ENGINEER,
GENERAL ENGINEERING
TRANSMISSION ENGINEER,
GENERAL ENGINEERING

RECORDED RIGHT OF WAY NO. 32635

INTERDEPARTMENT CORRESPONDENCE

January 26, 1965

NOTICE OF PERMIT RECEIVED

TO: Mr. Martin F. Wider, A-420 Warren Service Center
Overhead Lines Department

Michigan Public Service Commission Permit ED2-8-5471 (1-19-65)

For crossing of steel tower/~~H-Frame~~ transmission line over tracks of New York
Central System

Location: **In industrial property at a point on the Trenton Channel-
Hines and Trenton Channel-Newburgh 120-KV Transmission Lines**
approximately 1320 feet east of Cogswell and approximately 1395 feet
and 1650 feet south of Michigan Avenue

City/Village _____

Township Waukegan (Section 31)

County Wayne Crossing Plan No. IX-3669 (Crossing #1)

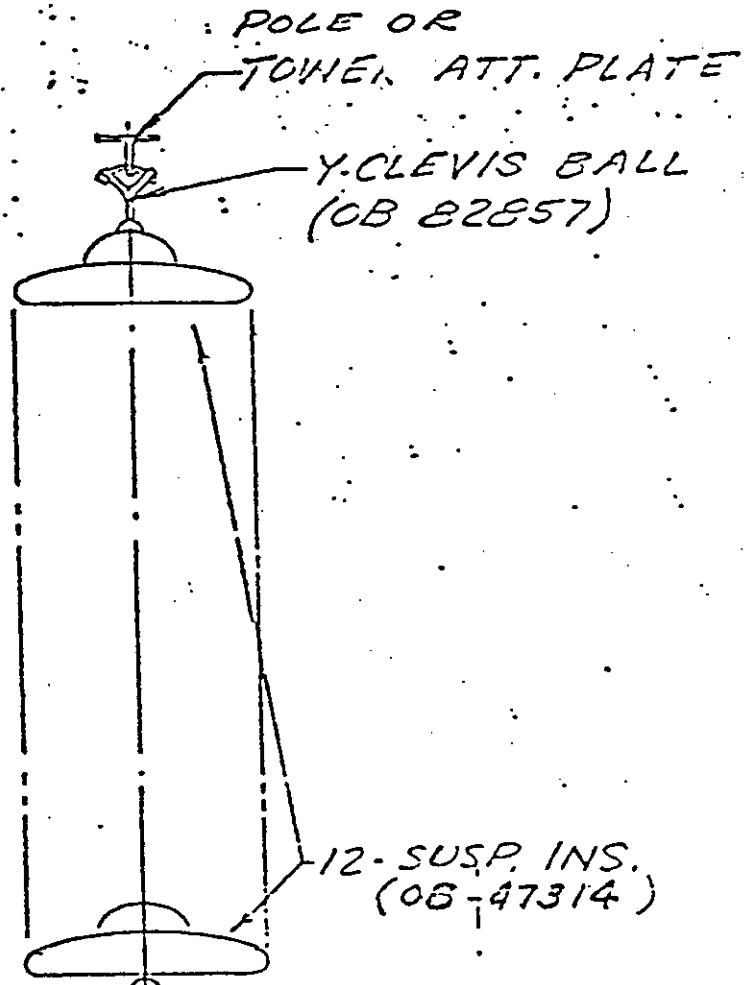
I. W. Gamble/dal

Properties and Rights of Way Dept.

CC - RAILROAD CROSSING ENGINEER,
GENERAL ENGINEERING
TRANSMISSION ENGINEER,
GENERAL ENGINEERING

RECORDED RIGHT OF WAY NO. 32635

SUSP. ASS'Y.
DETAILS



SUSPENSION CLAMP & SOCKET EYE (ANDERSON-CFS-252-S)

1431 MCM 45/7 ACS CONDUCTOR

Y-CLEVIS BALL (OB-82857)

431 MCM 45/7 ACSR CONDUCTOR

DEADEND CLAMP WITH SOCKET EYE (ANDERSON-SD-155-S)

13-SUSP. INSULATORS (OB-47410)

DEADEND PLATE

DEADEND ASS'Y.

DETAILS

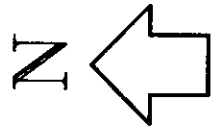
REV. 10/1/77
REV. 1/25/77

RECORDED RIGHT OF WAY NO.

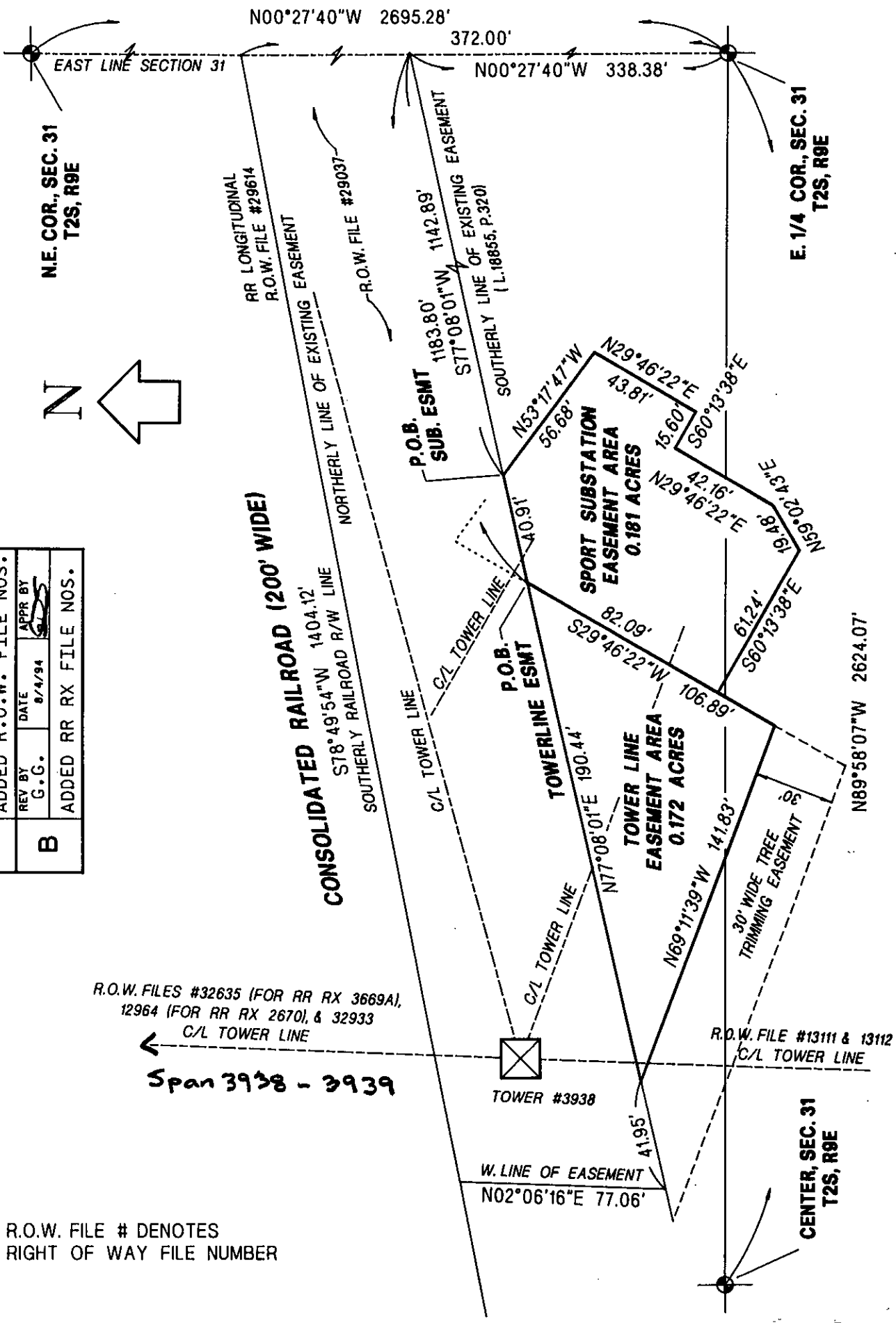
32635

230KV SUSPENSION & DEADEND ASS'Y DETAILS

APPROVED	THE DETROIT EDISON COMPANY GENERAL ENGINEERING DEPARTMENT	
	DATE 12/15/69	DRAWING NUMBER ED-1-7008
	SCALE	



REVISIONS			
REV BY	DATE	APPR BY	
A	G.G.	1/21/94	GDS
ADDED R.O.W. FILE NOS.			
B	G.G.	9/4/94	GDS
ADDED RR RX FILE NOS.			



R.O.W. FILES #32635 (FOR RR RX 3669A),
12964 (FOR RR RX 2670), & 32933
C/L TOWER LINE

Span 3938 - 3939

R.O.W. FILE # DENOTES
RIGHT OF WAY FILE NUMBER

RECORDED RIGHT OF WAY NO. 32635

BASED ON MY KNOWLEDGE, INFORMATION AND BELIEF, I CERTIFY THAT AS RESULT OF A SURVEY MADE ON THE GROUND TO THE NORMAL STANDARD OF CARE OF PROFESSIONAL (LAND) SURVEYORS IN THE STATE OF MICHIGAN, THAT THE MAP DELINEATED HEREON CORRECTLY REPRESENTS SUCH SURVEY.

Gregory D. Stephens 29252 8-5-94
SURVEYOR GREGORY D. STEPHENS RLS NO. DATE

JOB NO. 9406306

SHEET 1 OF 2

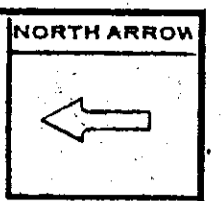
LOCATION
EASEMENT SURVEY
BEING PART OF THE E.1/2 OF SEC. 31,
T2S, R9E, CITY OF WAYNE, WAYNE CO., MI
SPORT INDUSTRIAL SUBSTATION

Detrol Edison TRANSMISSION & TECHNICAL SERVICES

SCALE: 1 Inch = 50 feet

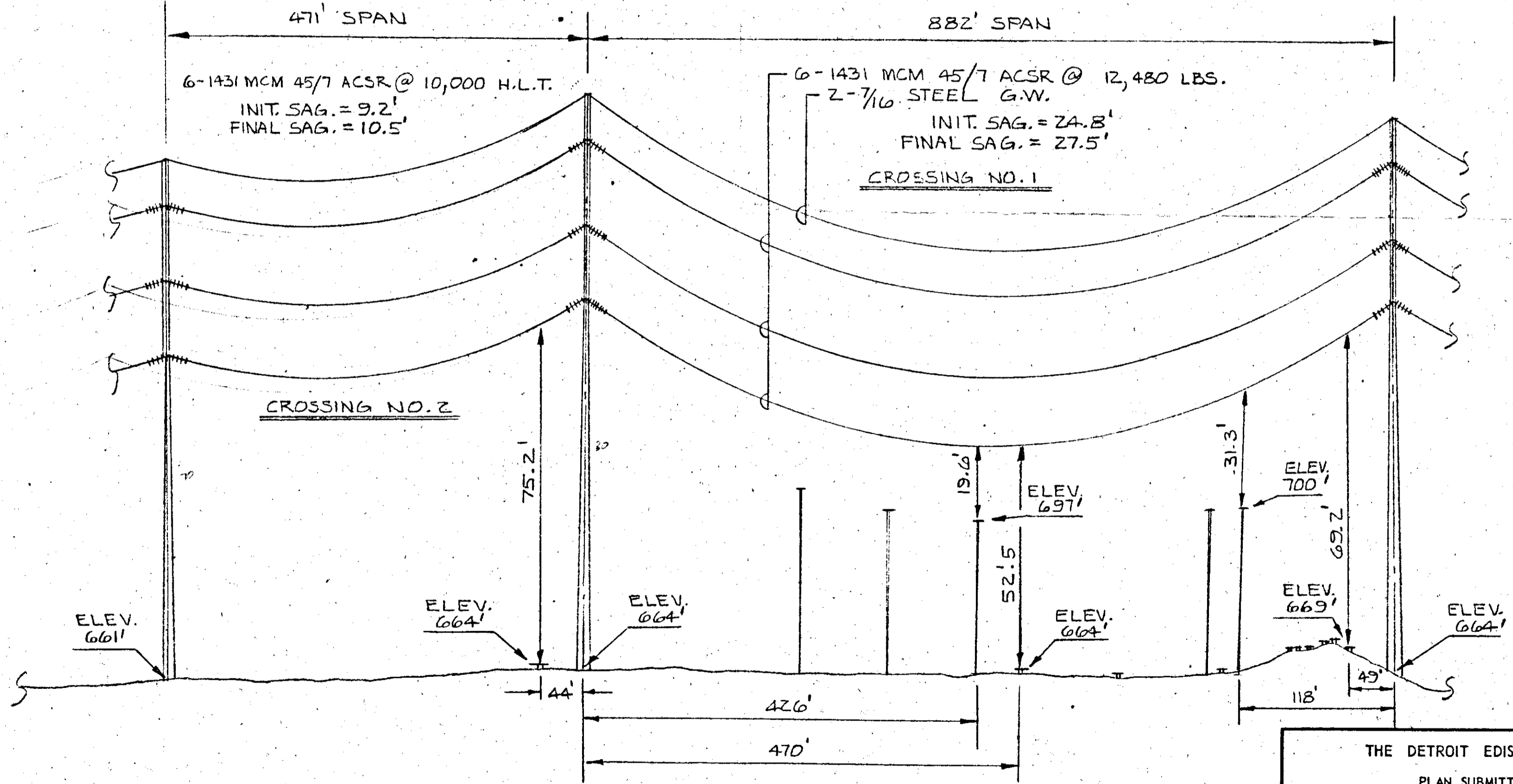
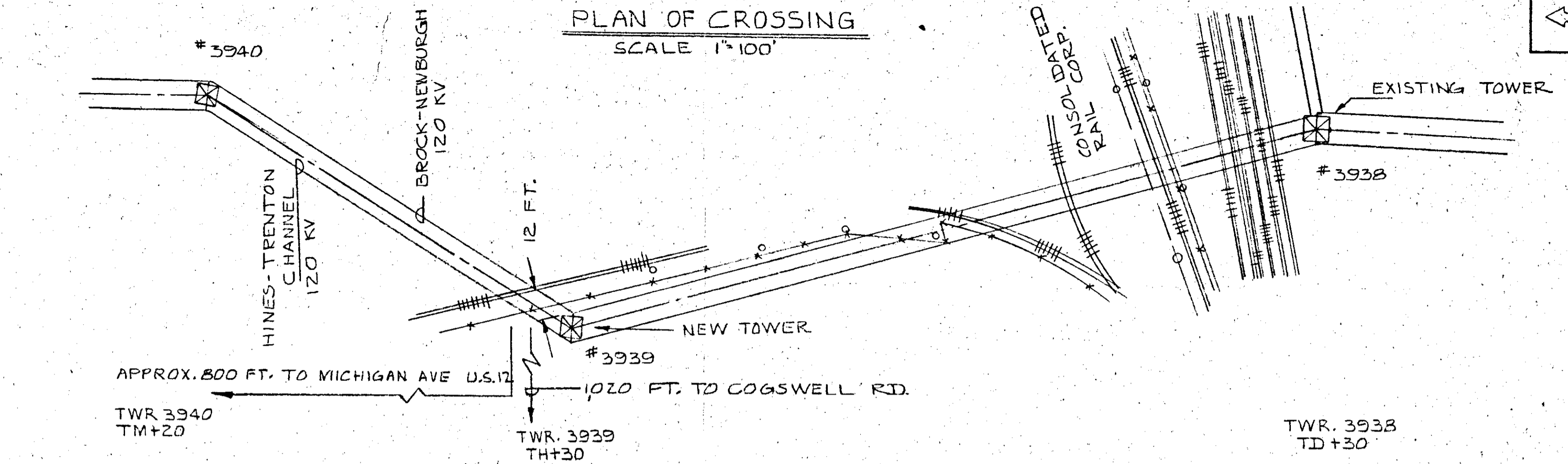
DRAWN BY: RL CLEVELAND 6/23/94
DATE OF SURVEY: 6/16/94

SURVEY ENGINEER: GDS
DRAWING NO.: SE 6134-1



PLAN OF CROSSING

SCALE 1"=100'



ELEVATION OF CROSSING

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

ALL DIMENSIONS AT 60°F FINAL

RX-3669
PREVIOUS PERMITS WERE CR.1 - EDZ-8-5471
CR.2 - EDZ-8-5470
DATED 4-26-65

THE DETROIT EDISON COMPANY	
PLAN SUBMITTED TO	
MICHIGAN PUBLIC SERVICE COMMISSION	
FOR TWO-120,000 VOLT CROSSINGS	
OVER CONSOLIDATED RAIL CORP.	
DRAWN BY C. VAN PARIS	DATE 5-4-79
APPROVED BY <i>J. Howe</i>	DATE 5-7-79
PERMIT NO. ED	DRAWING NO. RX-3669A

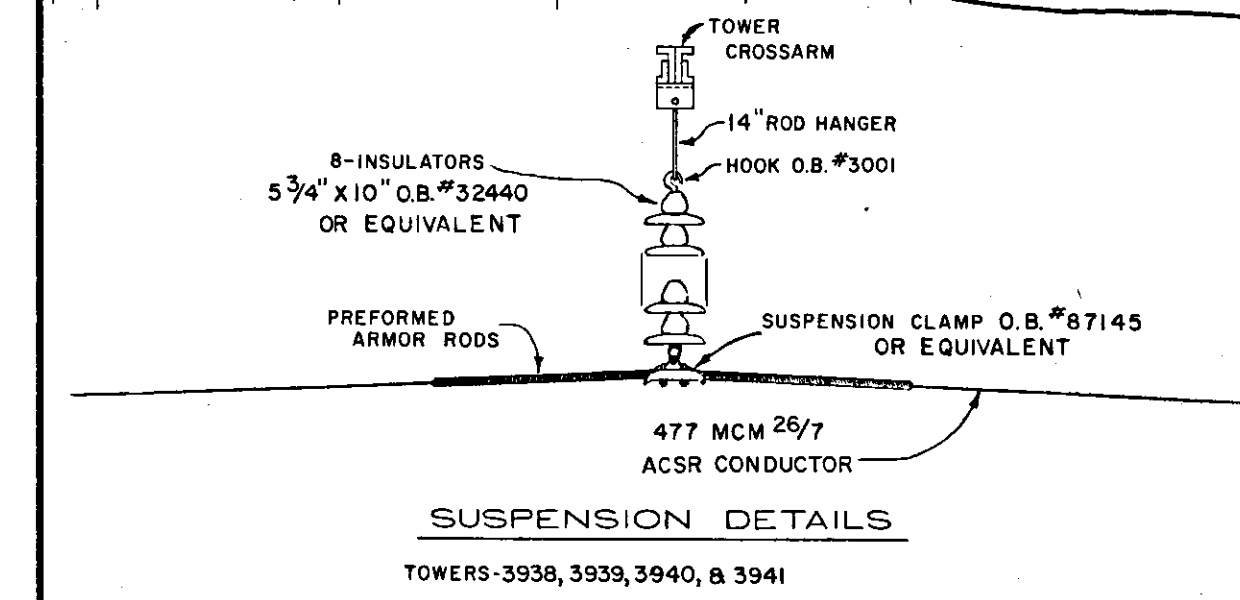
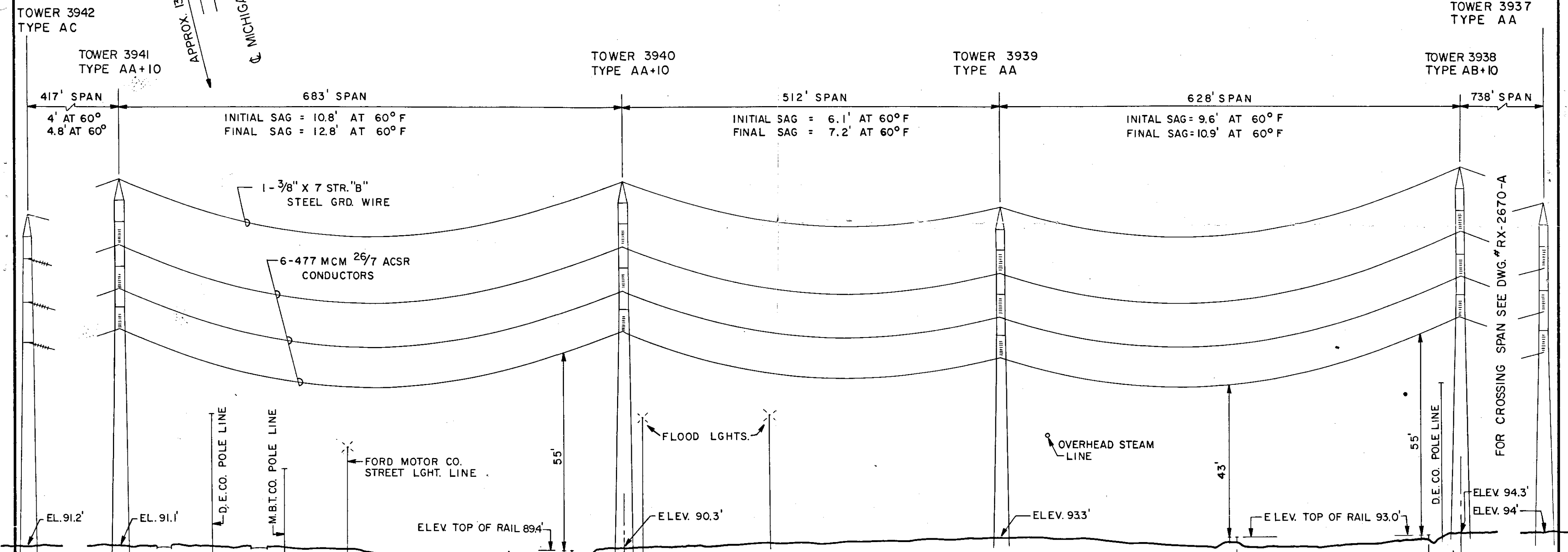
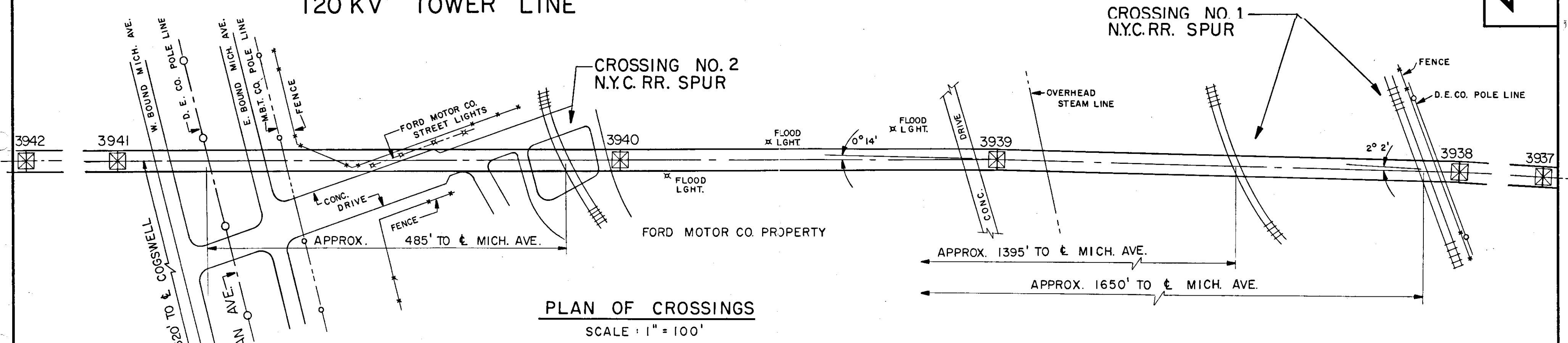
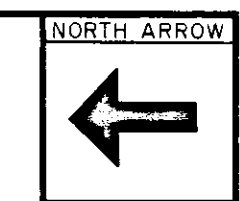
CITY WAYNE
COUNTY WAYNE
TOWNSHIP T.25.-R9E
NANKIN TWP
SECTION NO. N.E. 1/4 SEC. 31

RECORDED RIGHT OF WAY NO. 32635

RECORDED RIGHT OF WAY NO. 32635

32635

TRENTON CHANNEL-HINES & TRENTON CHANNEL-NEWBURGH #1 120 KV TOWER LINE



ELEVATION OF CROSSINGS
SCALE: HORIZONTAL 1" = 100'
VERTICAL 1" = 20'

RECORDED RIGHT OF WAY NO. 3263

APPROVED
FOR
MICHIGAN PUBLIC SERVICE
COMMISSION
[Signature]
DIRECTOR OF PUBLIC UTILITIES
FILE ED2-8-5471 DATE 1-19-65

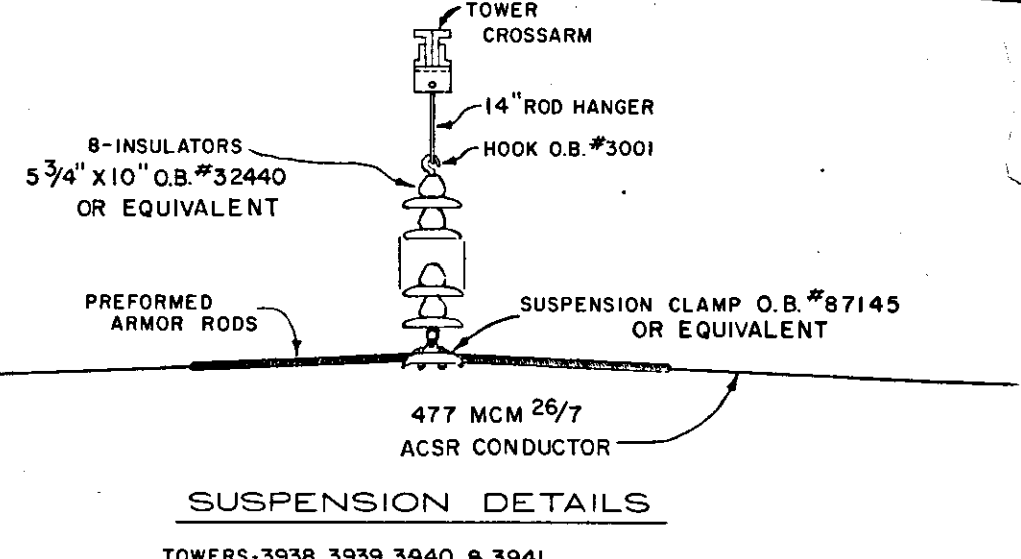
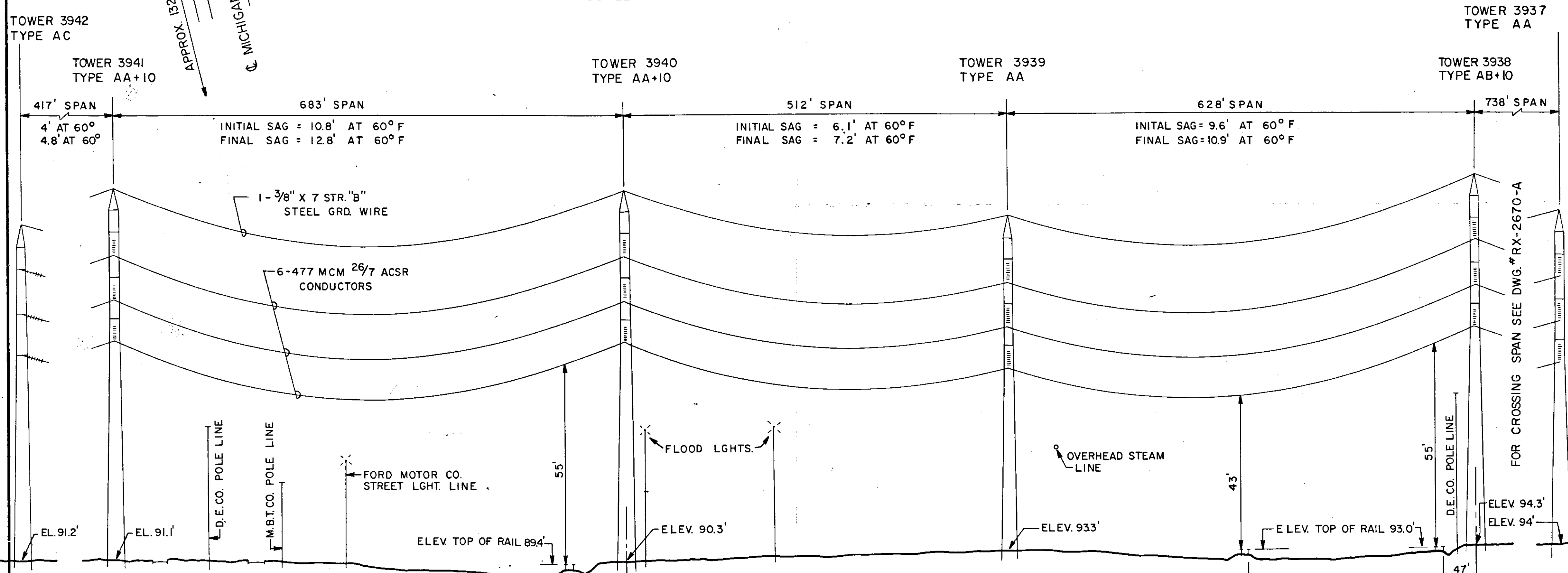
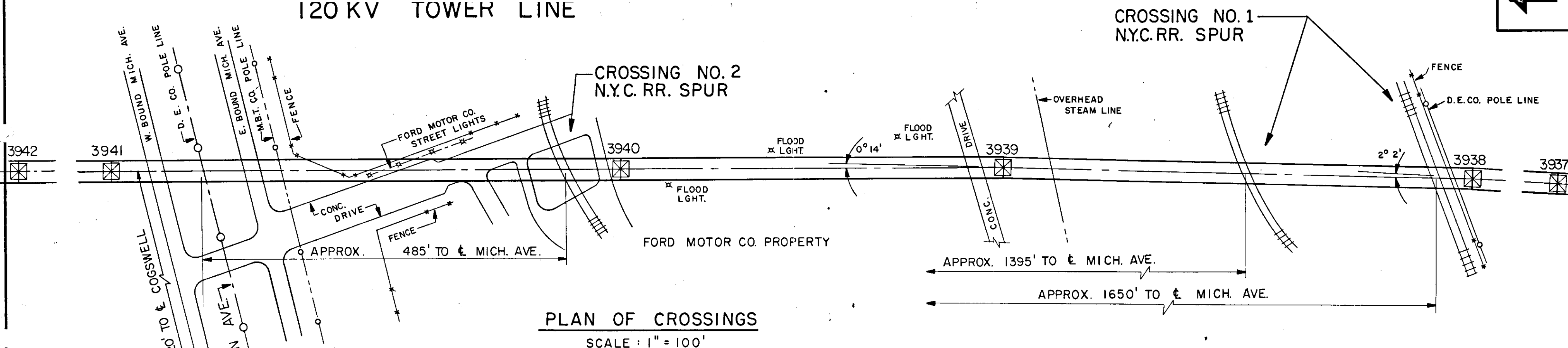
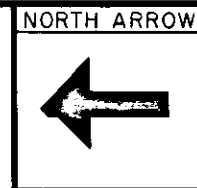
CITY _____
COUNTY WAYNE
TOWNSHIP NANKIN
T. 2 S. - R. 9 E.
SECTION NO. 31

THE DETROIT EDISON COMPANY
PLAN SUBMITTED TO
MICHIGAN PUBLIC SERVICE COMMISSION
FOR 120,000 VOLT CROSSING
OVER NEW YORK CENTRAL RR
DRAWN BY MLF/R.J.B. DATE 10-13-64
APPROVED BY *[Signature]* DATE 10-13-64
PERMIT NO. _____ DRAWING NO. **RX-3669**
ED

RECORDED RIGHT OF WAY NO. 32635

32635

TRENTON CHANNEL-HINES & TRENTON CHANNEL-NEWBURGH^{#1} 120 KV TOWER LINE



RECORDED RIGHT OF WAY NO. 32635

APPROVED
FOR
MICHIGAN PUBLIC SERVICE COMMISSION
[Signature]
DIRECTOR OF PUBLIC UTILITIES
ED2-8-5470 DATE 1-19-65

CITY _____
COUNTY WAYNE
TOWNSHIP NANKIN
T. 2 S. - R. 9 E.
SECTION NO. 31

THE DETROIT EDISON COMPANY
PLAN SUBMITTED TO
MICHIGAN PUBLIC SERVICE COMMISSION
FOR 120,000 VOLT CROSSING
OVER NEW YORK CENTRAL RR
DRAWN BY MLF/R.J.B. DATE 10-13-64
APPROVED BY *[Signature]* DATE 10-13-64

PERMIT NO. _____ DRAWING NO. **RX-3669**
ED

59726

RECORDED RIGHT OF WAY NO. 52635