

R.C. 33608



Grand Trunk Western Railroad Co

131 West Lafayette Boulevard
Detroit, Michigan 48226

Frank J. Surmacz
Manager Real Estate and Tax

October 9, 1981

L-274-6

Mr. R. G. DuPont, Office Supervisor
Real Estate & R/W Department
Detroit Edison Company
2000 Second Avenue
Detroit, Michigan

Re: Det. Edison File No. RX 4325
Grand Trunk File No. L-274-6

Pursuant to the decision of the Interstate Commerce Commission in its Finance Docket No. 29709, The Detroit and Toledo Shore Line Railroad Company will be merged into the Grand Trunk Western Railroad Company effective September 30, 1981. Commencing with October 1, 1981, the Shore Line will no longer exist as a corporate entity but Grand Trunk has undertaken in the merger agreement to perform obligations under Shore Line's existing agreements.

In addition, on October 1, 1981, all properties of the Detroit and Toledo Shore Line Railroad Company, including all rights, obligations and privileges existing by virtue of contracts and agreements were conveyed to the Grand Trunk Western Railroad Company. Effective October 1, 1981, the Overhead Wire License dated November 10, 1980, between yourself and the Detroit and Toledo Shore Line Railroad Company has been conveyed to the Grand Trunk Western Railroad Company as successor and assignee of the Detroit and Toledo Shore Line Railroad Company and has succeeded to all rights, privileges and obligations accruing to the Detroit and Toledo Shore Line Railroad Company by reason of this instrument.

RECORDED, RIGHT OF WAY NO. 33608

This letter is being sent to you in duplicate and we would appreciate your acknowledging the receipt of this notice by signing one copy and forwarding same to this department.

Yours very truly,

F. J. Surmacz
F. J. Surmacz
Manager of Real Estate & Tax

RECEIVED Original signed by R.G. Dupont

DATE 10-13-81

2-6-81

To: Records Center

From: Sharon Sounart
Real Estate and Rights of Way Department

Subject: Detroit & Toledo Shoreline R.R., Approximately 2,160 Feet West of South Newport Road, and Approximatley 3,040 Feet South of Post Road.
Also Conrail Corp.

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. 9	Update 10 Type	D.E.C.O. RECORDS CENTER FILE NO. 15	R.X. NO. OR MAP NO. 20	Facility 21	Agreement 22 Date 27
04		1		4325	4	1110810

Det, + Toledo Shoreline

Payment Frequency 28	Rental 29 33	OH-UG 34 Code	Division 35	County 36	City or Township 38 44	Section 45
A	75	1	6	07	FRENCHT	14

Location 47 80																												
2	1	6	0	F	T	W	S	N	E	W	P	O	R	T	A	N	D	3	0	4	0	F	T	S	P	O	S	T

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: *R. Sounart*

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

RECORDED RIGHT OF WAY NO. 33608

Detroit Edison

2000 Second Avenue
Detroit, Michigan 48226
(313) 237-9000

June 2, 1980

RECEIVED

Mr. John Lonskey
Department of Transportation
2 North Plaza
Jackson, Michigan 49202

JUN -9 1980

JACKSON DISTRICT #8
Michigan State Highway Department

Gentlemen:

The Detroit Edison Company plans to construct, operate, and maintain an overhead line in SE $\frac{1}{4}$ of Section 14, Frenchtown Township, Monroe County

The line will cross the tracks of the Detroit & Toledo Shoreline Railroad Company. The wires to be installed are:

Between Transmission Tower No. 13427 and Transmission Tower No. 13428.

One 345,000 volt, 3 phase transmission line with two ground wires.

The railroad has given the following waiver of hearing:

- Waiver dated 2-1-80 enclosed
- Blanket Waiver on file with the MPSC.

The proposed crossing is shown on drawing No. RX- 4325

- 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.

DO NOT WRITE IN THIS BOX			
Application No. 58000-31-80 R			
Permit No. JN-285-80			
Date of Issuance		6-9-80	
Cost Amount	Date		
\$10.00			
Cash	Bill	By	
	X		

APPROVED

JUN 9 1980

John Lonskey
DISTRICT UTILITIES ENG.
M.D.S.H. & T.

Very truly yours,

R. G. DuPont

R. G. DuPont
Office Supervisor
Real Estate & Rights of
Way Department

RECORDED
INDEXED
JUN 10 1980
33608

THE DETROIT AND TOLEDO SHORE LINE RAILROAD COMPANY

131 WEST LAFAYETTE AVENUE

DETROIT, MICHIGAN 48226

W. G. BLADES
VICE PRESIDENT & GENERAL MANAGER

D&TSL File No. 9.20
Det. Edison File No. RX 4325

January 21, 1981

Mr. R. G. DuPont
Office Supervisor
Real Estate & R/W Department
Detroit Edison
2000 Second Avenue
Detroit, Michigan 48226


Dear Mr. DuPont:

In accordance with your request for a Waiver of Hearing for authority to construct and maintain a crossing over The Detroit and Toledo Shore Line Railroad Company's tracks. This letter will serve as The Shore Line's consent and approval to construction of said crossing at a point you have described as, "Crossing of the Brownstown-Enrico Fermi #3, 345-kv transmission line over The Detroit & Toledo Shoreline Railroad approximately 2,160 feet west of South Newport Road, and approximately 3,040 feet south of Post Road. Southeast $\frac{1}{4}$ of Section 14, Frenchtown Township, Monroe County, Michigan, to consist of the following:

One 345,000 volt, 60 cycle, 3 phase transmission line with two ground wires.

This construction will be over railroad property and is covered by License Agreement effective November 10, 1980.

Yours very truly,


F. J. Surmacz, Manager of Real Estate & Tax
Grand Trunk Western Railroad Company
For: The Detroit and Toledo Shore Line Railroad Company

RECORDED RIGHT OF WAY NO.

33608

THE DETROIT AND TOLEDO SHORE LINE RAILROAD COMPANY

4820 Schwartz Road

Toledo, Ohio 43611

R 4305

W. J. ENGLISH
CHIEF ENGINEER

February 1, 1980

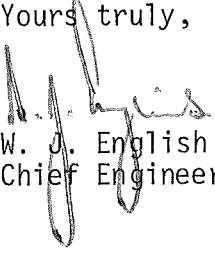
Detroit Edison
2000 Second Avenue
Detroit, MI 48226

Attention: Sharon Sounart

Dear Sirs:

This is in reply to your inquiry relative to the overhead power utilities that will cross the Detroit and Toledo Shore Line Railroad in the vicinity of Enrico Fermi #3. This letter will serve as permission to proceed with the preliminary work, inasmuch as you indicated it was urgent; however, you will be required to notify the Shore Line Railroad so that protection can be reported to Detroit Edison once the operation is effective. A formal agreement will follow shortly.

Yours truly,


W. J. English
Chief Engineer

WJE/jp

cc: J. E. Coale
M. F. Waradzin

RECORDED
INDEXED
33608

PROFILE #130

POST

10967

10966

10965

10964 10963
4N+2R/37' 4SSA130

10962
4S-135'

10961
4R-120'

10960
4SSA135

10959
4R-140'

1095
4R-1

2L/37'

13430
4N+37'

13429
ES+21'-6"

13428
ES+21'-6"

13427
ES+21'-6"

13426
ES+21'-6"

13425
4R130

13424
4R130

13423
4R125

13422
4R125

13421
4R140

13420
4R130

H.Y.C. R.R.

D.&T.S.L. R.R. RA 4325

N. STONY CREEK RD.

S. NEWPORT

4SSA130

WILLIAMS

MENTEL

NADEAU

23

24

RECORDED & INDEXED

33608

62'29'-50" LT

4 LT.?

4 LT.?

10'

12' ABT.
13' RT.?

RX 4325

FROM MADRID
4R135

October 10, 1978

Detroit Edison

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

W. J. English
Mr. ~~E. L. Marks~~, Chief Engineer
The Detroit and Toledo Shoreline Railroad Co.
4820 Schwartz Road
Toledo, Ohio 43611

Proposed Overhead Wire Crossing:

Between Transmission Line No. 13427 and Transmission Line No. 13428.

One 345,000 volt, 60 cycle, 3 phase transmission line with two ground wires.

Specific Location

Crossing of the Brownstown-Enrico Fermi #3, 345 kv transmission line over The Detroit and Toledo Shoreline Railroad approximately 2,160 feet west of South Newport Road, and approximately 3,040 feet south of Post Road. Southeast 1/4 of Section 14, Frenchtown Township, Monroe County.

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

City/Village _____ Township Frenchtown (SE 1/4 of Section 14)

County Monroe Detroit Edison Plan Attached RX-4325 Sect 14

This is a New Crossing XXX 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.

John A. Haddow

JOHN A. HADDOW
Public Agency Coordinator

33608

DATA SHEET TO ACCOMPANY DRAWING RX-4325

Name of Company

The Detroit Edison Company

Name and Location of Crossing

Crossing of the Brownstown-Enrico Fermi #3, 345 kV transmission line over:

Crossing No. 1: The consolidated Rail Corp., approximately 2,300 feet west of South Newport Road, and approximately 3,040 feet south of Post Road.

Crossing No. 2: The Detroit and Toledo Shore Line Railroad approximately 2,160 feet west of South Newport Road, and approximately 3,040 feet south of Post Road.

All in the Southeast, 1/4 of Section 14, east part of Frenchtown, Monroe County.

Circuits

One 345,000 volt, 60 cycle, 3 phase transmission line with two groundwires.

Towers and Crossarms

See attached drawing, ES.

Conductors

Six 1431 Mcm 45/7 ACSR with two 7/16 steel groundwires.

Insulators

Thirty-two 5-3/4" x 10" 40,000 # per phase in suspension.
Thirty-Four 5-3/4" x 10" 40,000 # per phase in deadend.

Guy and Guy Attachments

None

Suspension and Deadend Details

See attached drawing, ED1-7308.

System Engineering Department
CVP/nld 9/19/78

RECORDED RIGHT OF WAY NO.

33608

SUSPENSION TOWER TYPE ES

LOADS

1. Vertical (1/2" ice)
 - a. 2 Groundwires @ 1500#
 - b. 6 Two-Conductor Bundles @ 6700#
 - Total = 40,000#
 - Total = 43200#
2. Transverse-Wind on Wires (1/2" ice, 8# wind)
 - a. 2 Groundwires @ 1450#
 - b. 6 Two-Conductor Bundles @ 4350#
 - Total = 2900#
 - Total = 26100#
 - Total = 29000#
3. Longitudinal
 - a. 1 Two-Conductor Bundle @ 14,400#
 - b. 1 Groundwire @ 6600#
4. Wind on Tower (from any direction) of 13 psf on 1-1/2 times projected area of one face
5. Vertical Load of Tower
 - 6. Vertical - Heavy (1" ice)
 - a. 2 Groundwires @ 3300#
 - b. 6 Two-Conductor Bundles @ 11500#
 - Total = 6600#
 - Total = 69000#
 - Total = 75600#

Combine

1. Double Circuit:
 - 1.65 x (1+2+4+5) = Intact
 - 1.65 x (1+15/16x2+3+4+5) = Broken Conductor Bundle or Groundwire
 - 1.65 x (6) = Heavy Vertical
2. Single Circuit:
 - 1.65 x (1+7/16x2+4+5) = Intact
 - 1.65 x (1+7/16x2+3b+4+5) = Broken Groundwire
 - 1.65 x (1+7/16x2+4+5) + 1.0 x (3a) = Broken Conductor Bundle
 - 1.65 x (6) = Heavy Vertical

Material

Steel per ASTM spec. A36, latest revision.
 & High Strength Steel -44,000psi yield
 -50,000psi yield
 -60,000psi yield

Coating

All material galvanized to ASTM spec. 123 latest revision.

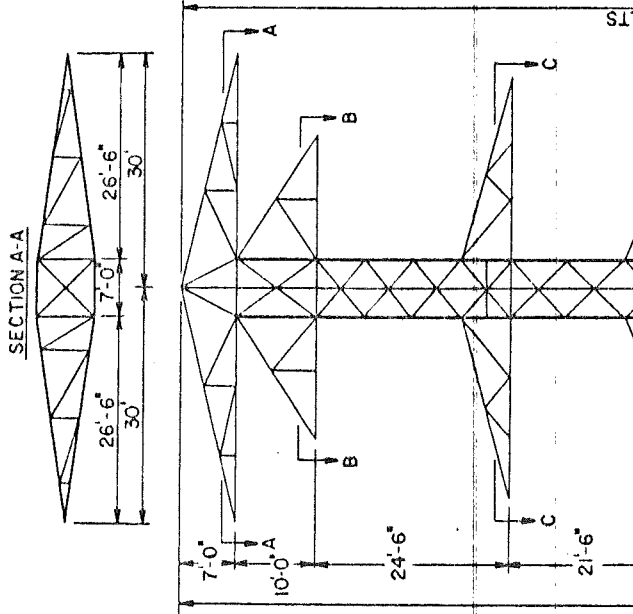
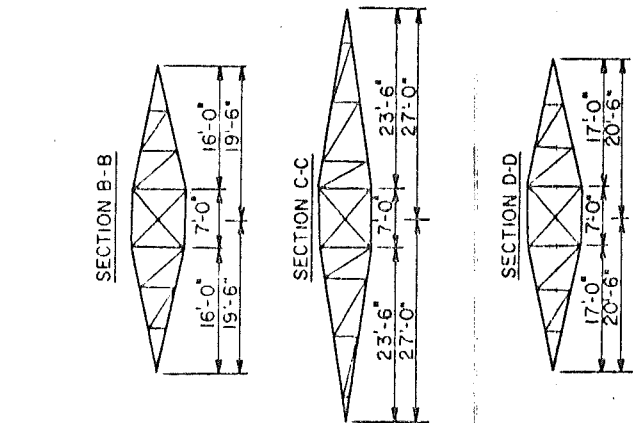
Connections

Bolted with 5/8" diameter machine bolts
 ASTM spec A394, latest revision.

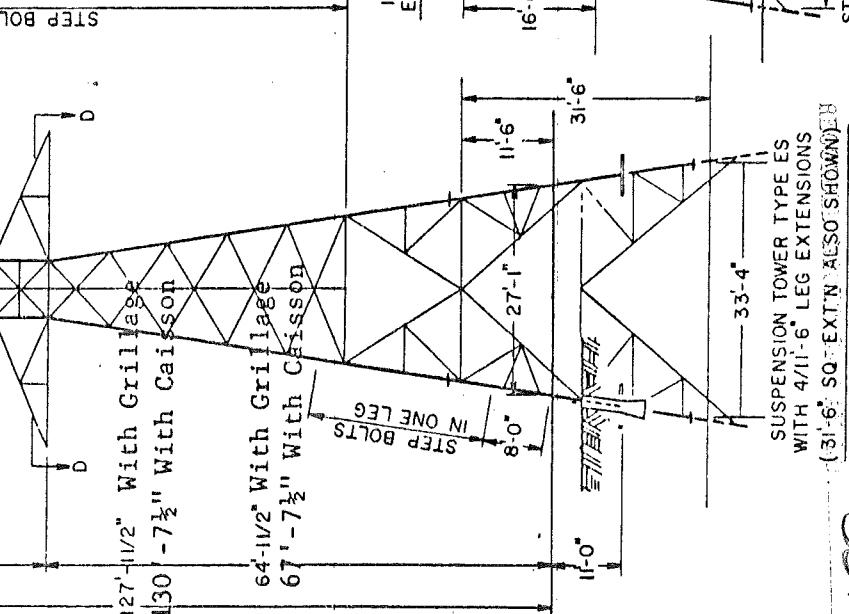
Ultimate Unit Stresses

Tension, Net Section = $0.9F_y(F_y = \text{Yield Stress in psi})$
 Compression, Gross Section:
 For $L/r \leq 50$ $Sc = F_y(1 - F_y/900)$
 For $50 \leq L/r \leq 3x10^4$ $Sc = F_y(1 - \frac{L/r}{3x10^4})$
 For $3x10^4 \leq L/r$ $Sc = \frac{3x10^8}{L/r}$

Shear on Bolts = 30,000psi
 Bearing on Bolts = 60,000psi



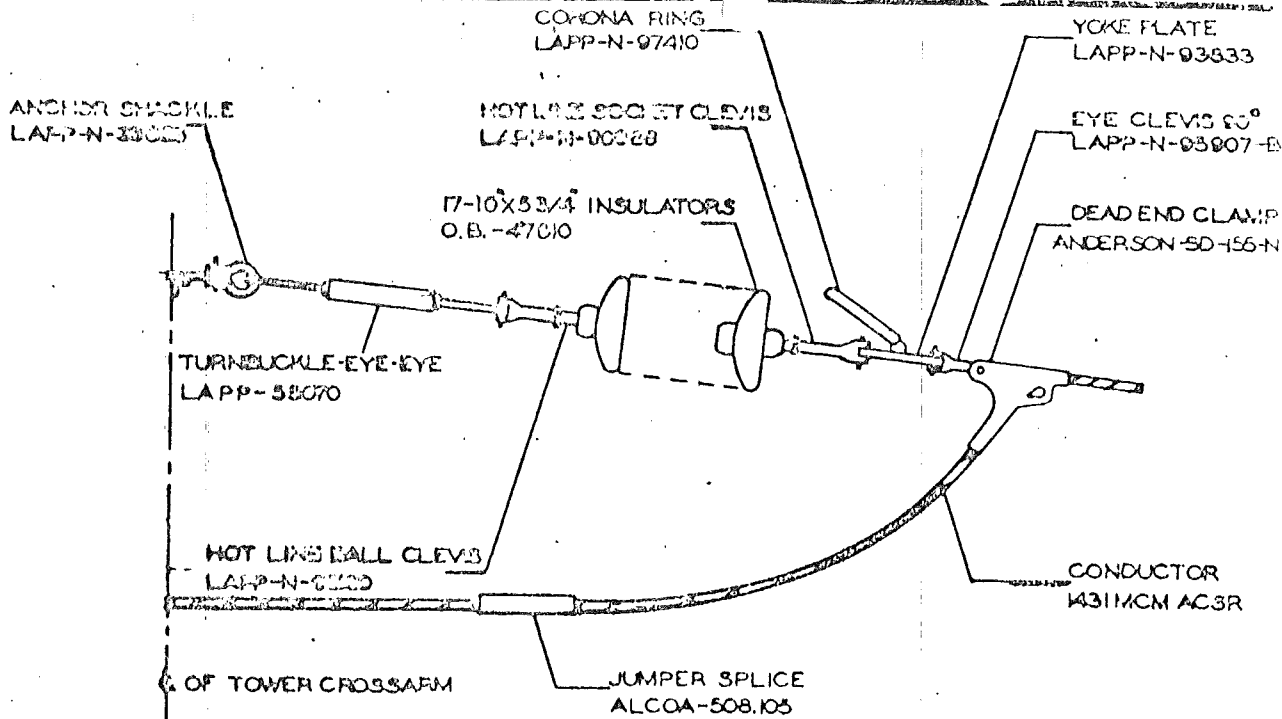
3'-6" ADDITION FOR CAISSON ANCHOR INSTALLATION 1970 AND LATER



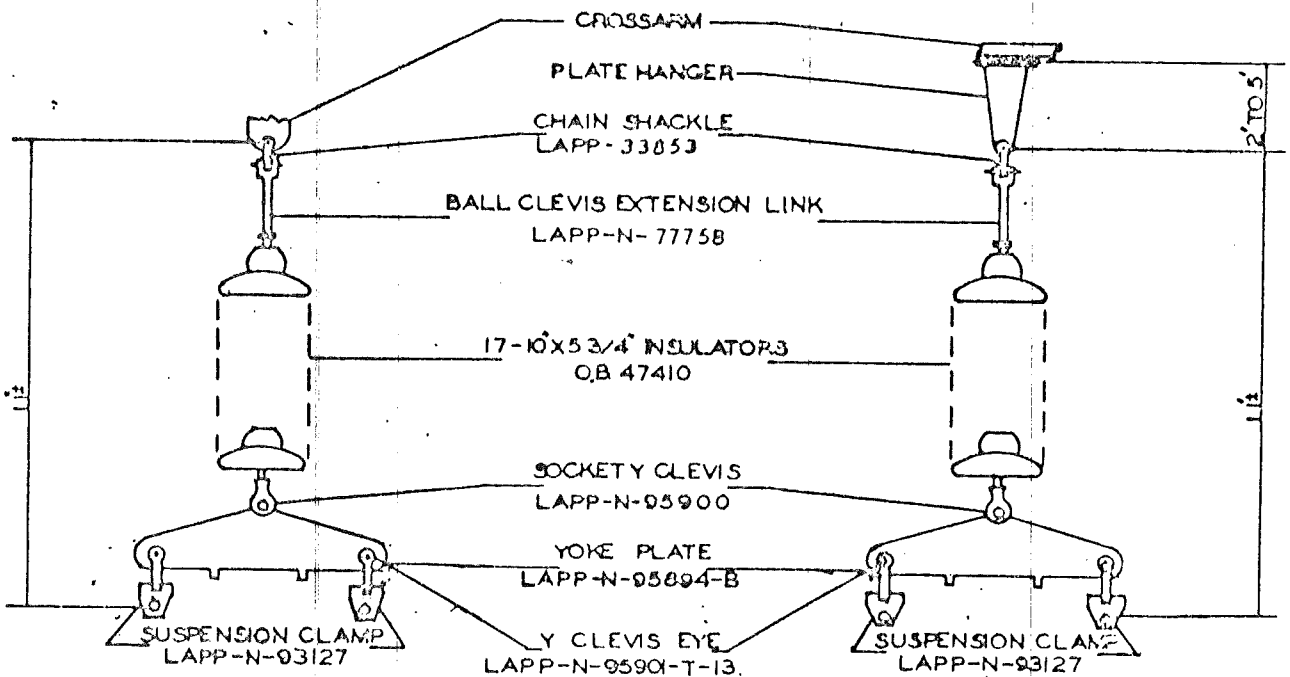
SPECIAL 20'-0" SQUARE EXTENSION FOR USE WITH 31'-6" EXTENSION

APPROVED		THE DETROIT EDISON COMPANY GENERAL ENGINEERING DEPARTMENT	
		LAYOUT BY ROS.	DRAWN BY WES
DATE 1-26-68		DRAWING NUMBER ES	
SCALE NONE			

SUSPENSION TOWER TYPE ES



DEAD-END DETAILS (LAPP OR EQUIVALENT)
TOWER TYPES 4M-4N-4P, POLE TYPE 4X



SUSPENSION DETAILS (LAPP OR EQUIVALENT)

TOWER TYPE 4K POLE TYPES 4R-4S

POLE TYPES 4T-4U-4W

**345 KV SUSPENSION
 AND
 DEAD-END DETAILS**

APPROVED <i>JTW</i>	THE DETROIT EDISON COMPANY GENERAL ENGINEERING DEPARTMENT	
	LAYOUT BY	DRAWN BY C. VAN PARIS
	DATE 10-15-70	DRAWING NUMBER
	SCALE NONE	ED-1-7308

RECEIVED NIGHT OF MAY 20, 1970

THE DETROIT AND TOLEDO SHORE LINE RAILROAD COMPANY

131 WEST LAFAYETTE AVENUE

DETROIT, MICHIGAN 48226

W. G. BLADES
VICE PRESIDENT & GENERAL MANAGER

9.20

January 21, 1981

Mr. R. G. DuPont
Office Supervisor
Real Estate & R/W Dept.
Detroit Edison Company
2000 Second Avenue
Detroit, Michigan 48226

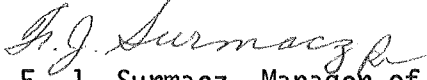
Re: 345,000 volt overhead power line
RX - 4325

Dear Mr. DuPont:

Attached hereto is your fully executed copy of License effective November 10, 1980 between the Shore Line and Detroit Edison Company covering a power line at Frenchtown Township, Michigan. (M.P. 22.5).

Please acknowledge receipt of this attachment by signing and returning the duplicate copy of this letter to our office. We are also attaching a Waiver of Hearing, in duplicate, which will serve as the Shore Line's consent and approval to construction of the power line.

Yours very truly,



F. J. Surmacz, Manager of Real Estate & Tax
Grand Trunk Western Railroad Company
For: The Detroit and Toledo Shore Line Railroad Company

bb
Attach.

RECEIVED January 23, 1981.

By 

RECORDED
MICROFILMED
NOV 20 1981
33608

OVERHEAD WIRES

THIS LICENSE, effective the 10th day of November, 19 80

WITNESSETH:

That the DETROIT & TOLEDO SHORE LINE RAILROAD COMPANY, a Michigan Corporation - hereinafter called the "Licensor," licenses and permits the DETROIT EDISON COMPANY, a New York and Michigan Corporation, 2000 Second Avenue, Detroit, Michigan 48226, hereinafter called the

"Licensee," to install, maintain and use a power line consisting of one 345,000 volt, 60 cycle, 3 phase transmission line with two ground wires with supporting poles, towers, and appurtenances, overhead, upon, along and (or) across the right of way and tracks of the Licensor at Frenchtown Township (SE 1/4 of Section 14) (M.P. 22.5)

in the County of Monroe, State of Michigan, the particular character and location of said facilities hereby licensed being indicated on the attached blue-print DATSL RR. CO. PLAN NO. 1

This license is granted upon the following terms, assent to which is signified by the signature of the Licensee, through its duly authorized officials.

1. The Licensor shall be put to no expense whatever in installing, maintaining, repairing, renewing or removing the said power line and the other facilities hereby licensed. All expense thereof is to be borne by the Licensee.

2. Said power line shall be installed, erected and at all times maintained at an elevation of not less than 28 feet above the top of the rails of the Licensor's tracks, and no pole, anchor, or any structure whatever shall be installed, erected or maintained with less than a lateral clearance of 12 feet from the nearest rail of any track of the Licensor, and each and all of the said

power line, poles and towers and their appurtenances connected therewith, shall be installed, erected and thereafter maintained at all times in perfect condition of repair and in a manner satisfactory to and subject to the approval and inspection of the Licensor's Chief Engineer and the Licensor's Superintendent of Railway Telegraph Service, and also in a manner and according to the specifications and approval of the public authorities having State and Local jurisdiction over such lines in said State of Michigan

3. In case of any inductive interference with the telegraph or telephone wires of the Licensor, or in case of any interference in any way with the maintenance, operation or use by the Licensor of its right of way, tracks, structures, or other property, or property in its care, resulting from the power line, poles or towers and their appurtenances hereby licensed, then in that case the Licensee, at its own expense, agrees to take any steps necessary to eliminate such interference.

4. The Licensee hereby indemnifies and agrees to save and keep the Licensor harmless from any loss to property of the Licensor, Licensee or third parties, or from having to pay any money to persons whether employees of the Licensor, Licensee, employees of Licensee or third parties, based upon the proof or allegation that any person or property has been injured or damaged by reason of the installation, maintenance, repair, renewal or removal of the facilities hereby licensed, or by reason of the sagging or breaking of said power line, or by reason of the condition of said power line and other facilities hereby licensed, or by reason of said power line and other facilities being over, along, across or on the right of way of the Licensor, no matter how caused. This indemnity shall include liability for injury and damage to persons or property arising under the common law, or State or Federal statutes, and shall be in force and effect regardless of any negligence of employees of the Licensor in the premises. The Licensee undertakes and agrees that in case claim is made or suit is instituted against the Licensor for said injury or damage the Licensee will, upon notice from the Licensor, settle, adjust or defend the same at its sole cost and expense and without expense to the Licensor and will pay any judgment rendered therein together with costs of court.

5. This license is given for the period of one year and thereafter from year to year, but at all times the same may be revoked by the Licensor, or cancelled by the Licensee, upon thirty (30) days' written agreement & notice by the Licensor, any notice to be given to the Licensor hereunder to be addressed only to its Property and Tax-Commissioner, at Detroit, Michigan, who, it is understood, constitutes its agent for such purpose, and provided, further, that the Licensor may at any time designate another agent for such purpose.

6. On the cancellation or revocation hereof, the Licensee, at its own expense, agrees to remove the said power line, and its other facilities hereby licensed, from the land of the Licensor, leaving the Licensor's premises in a neat, clean and level condition. If the Licensee shall fail so to do within twenty (20) days after the cancellation or revocation hereof, then the Licensor may do the work specified and the expense thereof will be repaid to the Licensor by the Licensee within thirty (30) days after bill for same is rendered.

33608

7. For the privileges herein contained the Licensee agrees to pay the Licensor, in advance, for the first year of the continuation of this license, the sum of TWO HUNDRED SEVENTY-FIVE (\$275.00) and thereafter, annually, in advance, the sum of SEVENTY-FIVE (\$75.00) DOLLARS per annum.

8. This license shall inure to the benefit of and be binding upon the successors, heirs and assigns of the parties hereto.

9. It is understood and agreed that the licensee will give Licensor's Chief Engineer in Toledo, Ohio, written notice for starting of work and assignment of Licensor's flagman during installation. The expense of said flagman to be borne by the licensee on receipt of bill therefor from the Licensor. It is further understood and agreed that the licensee must receive Licensor's acknowledgment in writing for said installation.

IN WITNESS WHEREOF, the parties hereto have executed the within license, effective as of the day and year first above written.

Signed, sealed and delivered in the presence of:

A. M. Miller

DETROIT & TOLEDO SHORE LINE RAILROAD COMPANY,
a Michigan Corporation -

BY *A. M. Miller*
Its - Vice President & General Manager

XX *Sharon J. Semmer*
SARAH J. SEMMER

RSJ
BY *Robert R. Temmsbury*
a New York and Michigan Corporation

BY X *Robert R. Temmsbury*
Its - ROBERT R. TEMMSBURY, DIRECTOR
Real Estate and Rights of Way Dept.

LEGAL DEPT.	DATE
APPROVED	
RECEIVED	
SECTION	

LICENSE

FROM _____ TO _____ FOR _____ AT _____

Date _____ Expires _____ Rental _____

RECORDED RIGHT OF WAY NO. 33608

DETROIT-TOLEDO SHOBBELINE

PLAN TO ACCOMPANY

345,000 VOLT TRANSMISSION LINE

FOR ENRICO FERMIL, DETROIT

EDISON

15 SEPTEMBER 1980

OFFICE OF CHIEF ENGINEER

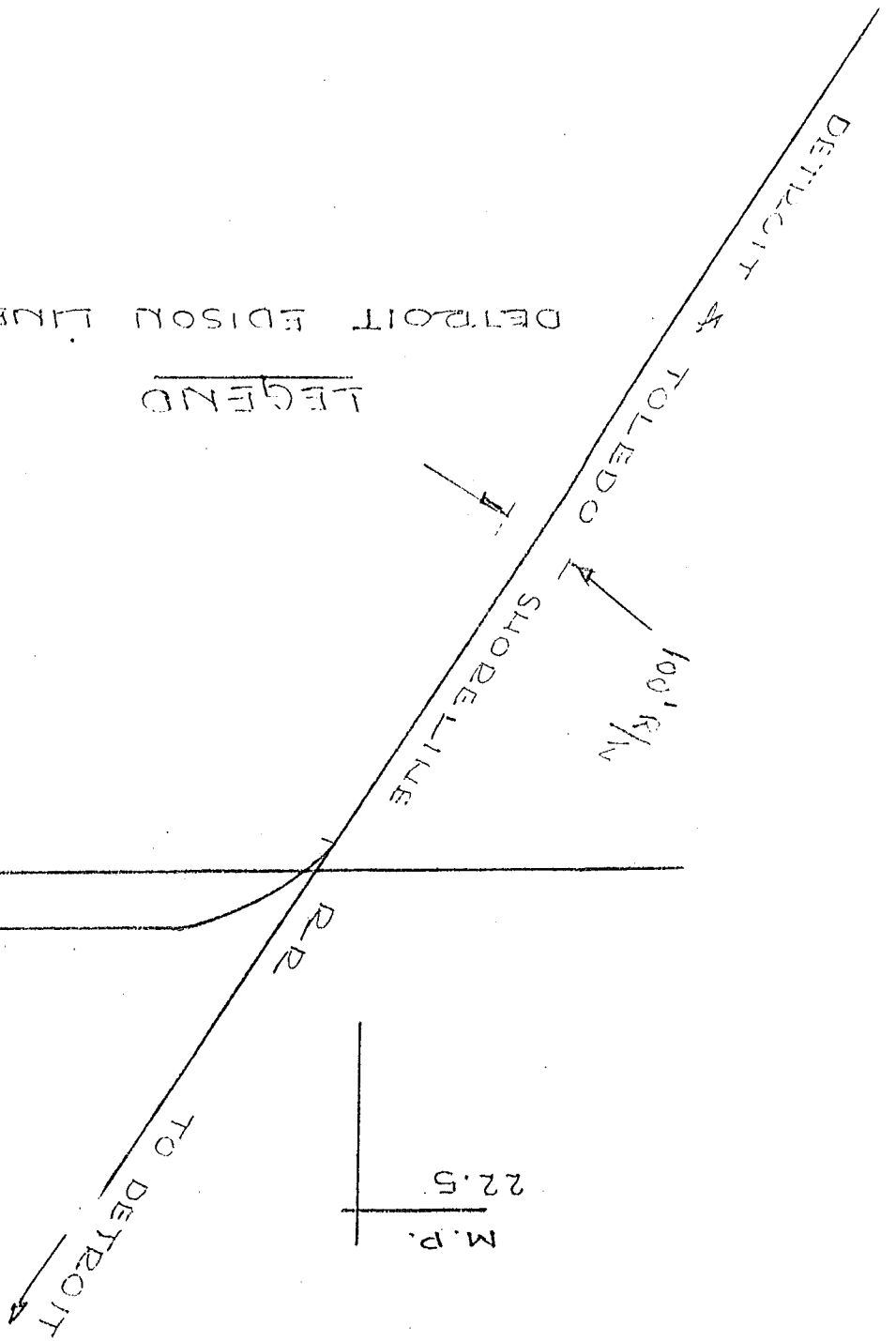
TOLEDO, OHIO

D&TSL RR CO. PLAN NO. 1

RECORDED RIGHT OF WAY NO. 33608

FRENCHTOWN TWP. RR

M.P. 22.5

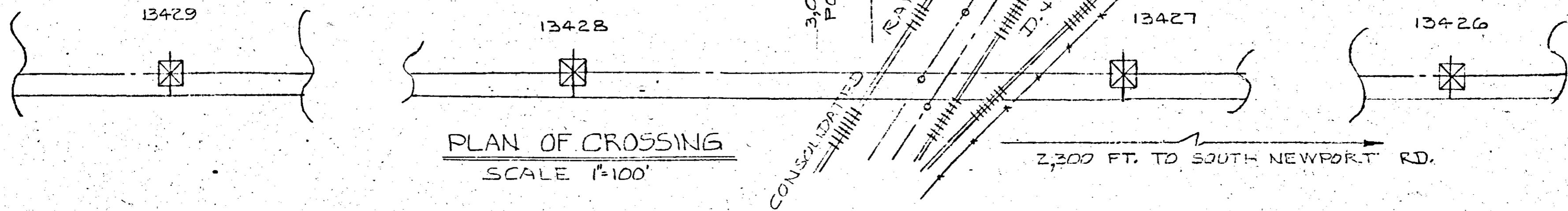


LEGEND

DETROIT EDISON LINE



BROWNSTOWN-ENRICO
FERMI #3~345 KV
TRANSMISSION LINE

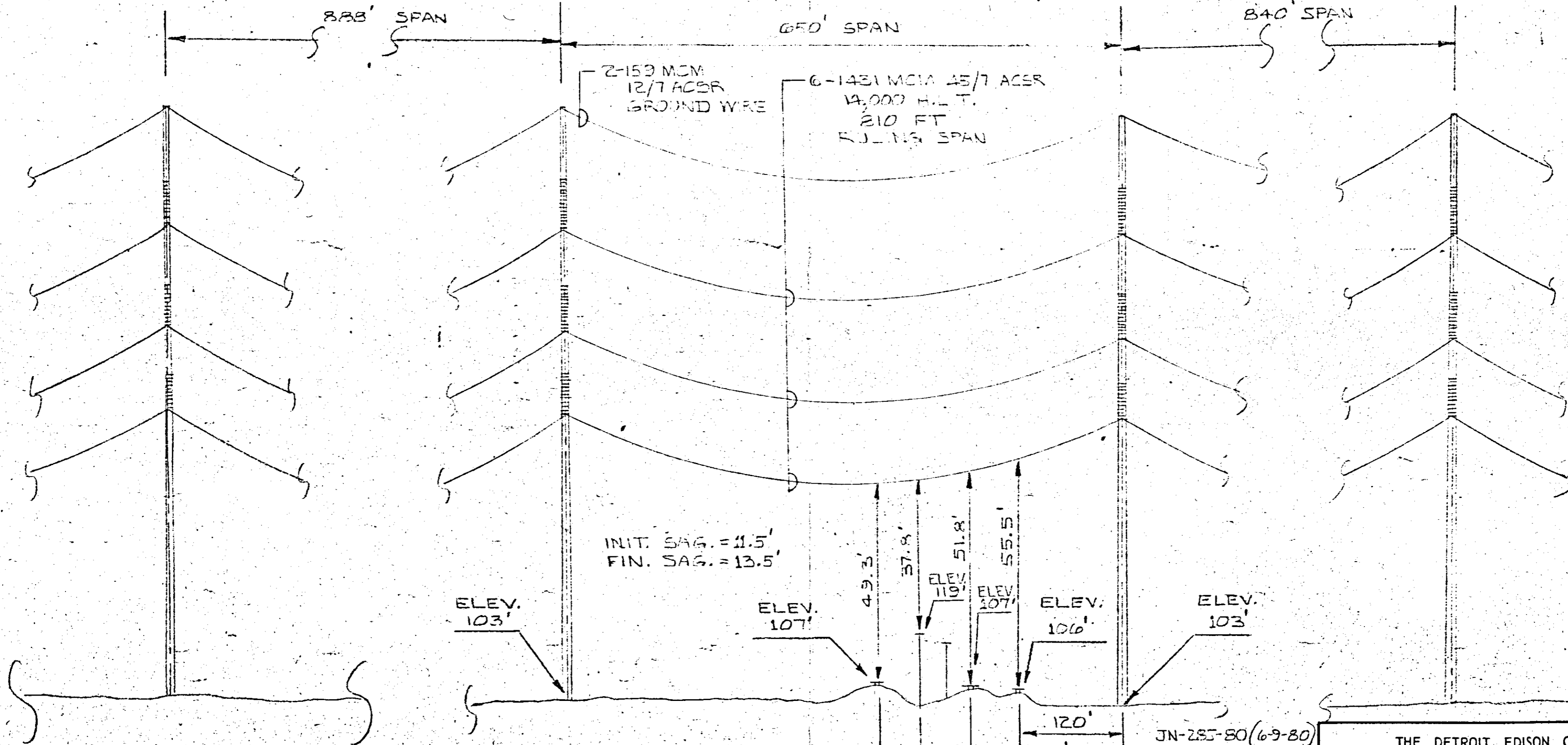


TWR. 13429
ES+21'-6"

TWR. 13428
ES+21'-6"

TWR. 13427
ES+21'-6"

TWR. 13426
ES+21'-6"



ALL DIMENSIONS
AT 60° FINAL

RECORDED RIGHT OF WAY NO. 33608

JN-285-80 (6-9-80)
D.T.S.L.R.R.
CITY MONROE
COUNTY MONROE
EAST PART TOWNSHIP FRENCHTOWN
T.6-7S.-R.9-10E.
SECTION NO. S.E. 1/4 14

THE DETROIT EDISON COMPANY	
PLAN SUBMITTED TO	
MICHIGAN PUBLIC SERVICE COMMISSION	
FOR 345,000 VOLT CROSSING	
OVER D.T.S.L.R.R.	
CONSOLIDATED RAIL CORP.	
DRAWN BY <u>C. VAN PARIS</u>	DATE <u>9-18-78</u>
APPROVED BY <u>[Signature]</u>	DATE <u>9-25-79</u>
PERMIT NO. <u>JN-40-80</u>	DRAWING NO.
<u>ED-124-80</u>	<u>RX-4325</u>

RECORDED RIGHT OF WAY NO. 33608

33608