

November 14, 1974

To: Records Center

From: Dorothy Monk
Real Estate and Rights of Way Department

Subject: Grand Trunk Western Railroad Permit 494

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

R.R. 1	R.R. No. 2	Update Type 10	Edison No. 11	R.X. No. 16	Facility 21	Agreement Date 22
07	P494	1	9064	04304	4	010232
Payment Frequency 23	Rental 24	OH-UG Code 32	Division 35	County 36	City or Township 38	Section 45
A	00075	1	4	08	PONTIAC	27

Location 47																50										
2	9	8	0	F	T	W	O	F	O	P	D	Y	K	E	S	O	F	F	E	A	T	H	E	R	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 September, 1974.

RECEIVED TO Rep. Services 12-31-74 J. M. Jensen

Approved *[Signature]*

cc: Accounts Payable
 Service Planning
 System Engineering
 Transmission & Distribution

RECORDS CENTER
RECEIVED DEC 23 '74
TRIGGER MADE
CLASSIFIED
Recorded Right of Way 9064 P494

Pontiac map
 Dec 27 NE 1/4, NW 1/4 of 7
 NW 1/4, NE 1/4 of 8

RECORDED RIGHT OF WAY NO. 9064 P494

PLEASE MAKE
PART C 9064
P. 494

AREA CODE 313
TELEPHONE 962-2100

THE DETROIT EDISON COMPANY

2000 SECOND AVENUE
DETROIT, MICHIGAN 48226

January 30, 1976

RECEIVED
MICHIGAN PUBLIC SERVICE
COMMISSION

MAR 23 1976

ELECTRIC TASK FORCE

Michigan Public Service Commission
Lansing, Michigan 48913

Gentlemen:

I, E. Williams, Transmission Supervisor, Overhead Transmission Division of The Detroit Edison Company, Detroit, Michigan, hereby certify that the wire crossing covered by Wire Crossing Permit No. ED2-8-7419 issued 12-4-74, has been constructed in accordance with specifications of the Michigan Public Service Commission and construction standards of The Detroit Edison Company, approved by Michigan Public Service Commission on July 19, 1939, File ED2-9.01, and that this crossing will be maintained as provided in such specifications and construction standards.

Yours very truly,

E. Williams

RX No. 4304

Location N.E. 1/4 of Section 27,

City of Pontiac, Pontiac Twp.,

Oakland Co.

Railroad Grand Trunk Western

Railroad Company P. 494

Subscribed and sworn to before me this

18th day of March, 19 76.

[Signature]
Notary Public, Oakland

County, Michigan.

My Commission Expires 6-5-78

RECORDED RIGHT OF WAY NO. 9064 P. 494

RETURN COPY OF THIS AFFIDAVIT TO REAL ESTATE AND RIGHTS OF WAY DEPT.

RAILROAD CROSSING

GRAND TRUNK WESTERN RAILROAD COMPANY

CITY OF PONTIAC

NE 1/4 of Section 27

(2640') per C. Van Pelt 12-27-74
In p.p. ~~2,980'~~ W. of Opdyke and
140' S. of Featherstone Rd. *Ja*

OAKLAND COUNTY

RX NO. RX-4304

PERMIT NO. ED2-8-7419 dated December 4, 1974

TO T&D: 12-18-74

*File L-157-534
Permit 494*

RECORDED RIGHT OF WAY NO. 9064 P494

STATE OF MICHIGAN
BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

* * * * *

Railroad Wire-Crossing Permit No. ED2-8-7419

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 Grand Trunk Western Railroad 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
Pontiac

County of
Oakland

State of
Michigan

Crossing of one (1) 120 KV, 60 Hz, 3 phase, 3 wire, transmission circuit, on a single circuit steel tower and wood pole line, known as the Pontiac-Bloomfield transmission line, with one (1) ground wire, located in private property at a point 2980' west of Opdyke Road and approximately 140' south of Featherstone Road in the NE $\frac{1}{4}$ of Section 27, Pontiac Township, T3N, R10E
3 - 954 MCM 45/7 ACSR phase conductors
1 - 3/8" 7 strand steel ground wire

Per Drawing RX-4304

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: December 4, 1974

Earl B. Klomparens

Its Secretary

William G. Rosenberg
Chairman

Lenton G. Sculthorp
Commissioner

William R. Ralls
Commissioner

RECORDED RIGHT OF WAY NO. 9064 P434

**Detroit
Edison**

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

October 3, 1974

Railroad File L-159-534

Mr. Frank J. Surnace
Manager of Real Estate and Tax
Grand Trunk Western Railroad Co.
131 West Lafayette Blvd.
Detroit, Michigan 48226

Dear Frank:

The enclosed two copies of the overhead lines agreement have been signed by W. C. Arnold, for Detroit Edison. The property is located in private property 2980 feet West of Opdyke and 140 feet South of Featherstone Road in the City of Pontiac.

When you have signed for Grand Trunk, please return one copy to me.

Sincerely,

ORIGINAL SIGNED BY

Robert R. Tewksbury
Project Administrator
Real Estate and Rights of Way
Department

RKX/dem

Enclosures (2)

Rx 4304

RECORDED RIGHT OF WAY NO. 2064 P494

THE DETROIT EDISON COMPANY

2000 SECOND AVENUE

DETROIT, MICHIGAN 48226

September 30, 1974

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 ~~Grand Trunk Western Railroad Company in the Northwest 1/4 of Section 27, City of Pontiac, Pontiac Township, Oakland County, Michigan.~~

One 138,000 Volt circuit with one groundwire.

In private property 2,000 feet west of Spayne Road and approximately 140 feet south of Featherston Road.

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

**R.R. File L-157-534
9-26-74**

- 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-~~494~~

Yours very truly,

Permit No. ED2-8-7419
 Date December 4, 1974
 By MPSC

**Robert E. Sweeney
Project Administrator
Rail, Electric and Rights of Way
Department**

RECORDED RIGHT OF WAY NO. 9064 P494

L-159-534

D.E.C. Plan RX-4304



Grand Trunk Western Railroad Co

131 West Lafayette Boulevard
Detroit, Michigan 48226

September 26, 1974

Mr. Robert R. Tewksbury
Project Administrator
Real Estate and Rights of Way Department
The Detroit Edison Company
2000 Second Avenue
Detroit, Michigan 48226

Dear Mr. Tewksbury:

This will acknowledge receipt of your letter dated September 3, 1974, addressed to our Engineer of Surveys and Construction, Mr. W. L. LaMasters, wherein you requested a waiver of hearing before the Michigan Public Service Commission for construction of a wire crossing over Grand Trunk right-of-way at its Mile Post 5.86, at location you have described as in private property approximately 2,980 feet west of Opdyke Road and approximately 140 feet south of Featherstone Road, NE 1/4 of Section 27, City of Pontiac, County of Oakland and State of Michigan, consisting of the following wires:

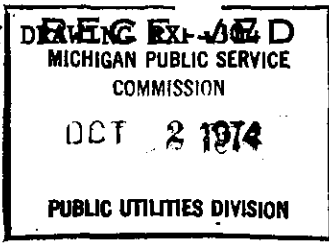
One - 120,000-Volt circuit with one ground wire

Inasmuch as you have stated that this construction will be accomplished in accordance with rules and regulations of the Michigan Public Service Commission and as this Railroad Company has no objections to the crossing, The Detroit Edison Company is hereby granted a waiver of hearing. No facility markers are required and Permit No. 494 dated September 10, 1974 has been prepared to cover this facility.

Yours very truly,


For: Manager of Real Estate and Tax

RECORDED RIGHT OF WAY NO. 9064 P494



RECEIVED
SEP 3 1974
R/E & R/W DEPT.

Name of Company
The Detroit Edison Company

Name and Location of Crossing
Crossing of the Pontiac - Bloomfield 120 kV transmission line over the Grand Trunk Western Railroad at approximately 2,980 feet west of Opdyke Road and approximately 140 feet south of Featherstone Road, City of Pontiac, Oakland County, northeast 1/4 of Section 27, Pontiac Township, T.3N.-R.10E.

Circuits
One 120,000 volt, 60 cycle, 3 wire, 3 phase transmission circuit with one groundwire.

Poles
See attached drawings 6-5-149 (L.P.T.) and ED2-7067 Plan "B" (Sp.D.E.).

Conductors
Three 954 Mcm 54/7 ACSR with one 3/8" steel groundwire.

Insulators
120 kV deadend assembly: Nine 5-3/4" x 10" O.B. #47410 or equivalent.

Guy and Guy Attachments
5/16" EHS Steel.

Suspension and Deadend Details
See attached drawing ED1-7430.

System Engineering Department
CVP/mak 8/29/74

RECORDED RIGHT OF WAY NO. 2064 P494

THE DETROIT EDISON COMPANY

2000 SECOND AVENUE
DETROIT, MICHIGAN 48226

TO:

September 3, 1974

**Mr. H. Lillmore
Engineer of Surveys and Construction
Grand Trunk Western Railroad Company
P. O. Box 177
Pontiac, Michigan 48054**

Proposed Overhead Wire Crossing:

One 120,000 volt circuit with one groundwire.

Specific Location

**In private property approximately 2,000 feet west of Gypsy Road and
approximately 140 feet south of Featherston Road.**

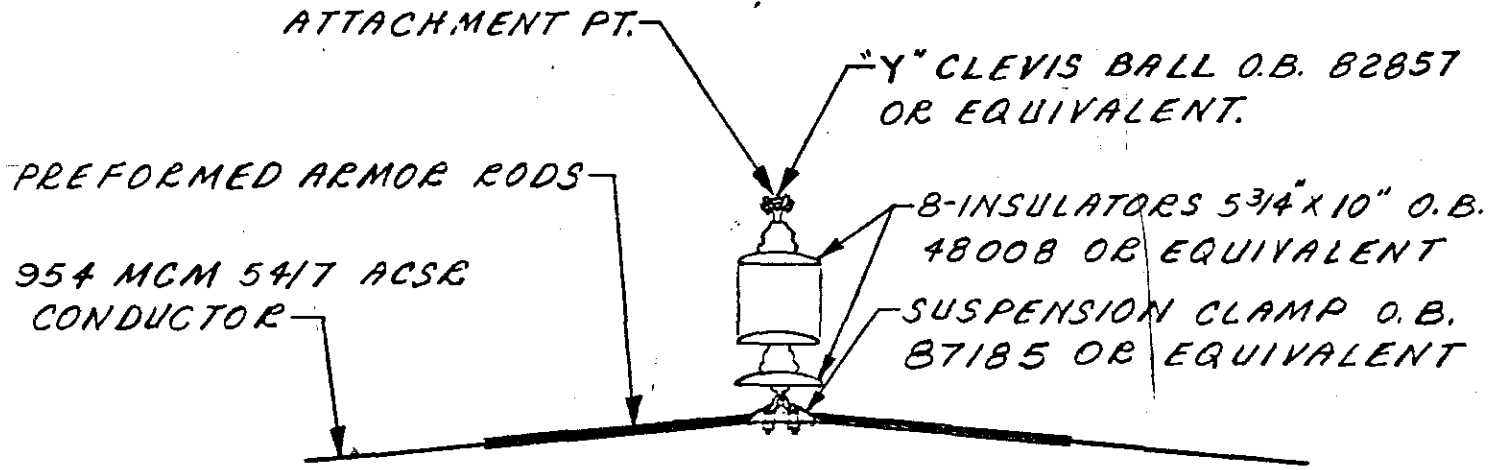
R. R. Valuation Station _____ R. R. Mile Post 5.86
City/Village Pontiac Township NE 1/4 of Section 17
County Oakland Detroit Edison Plan Attached DE-4304
This is a New Crossing This is a Reconstruction of Existing Crossing _____
Previous Agreement Information (if any) Date _____ (R. R. Plan) _____

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

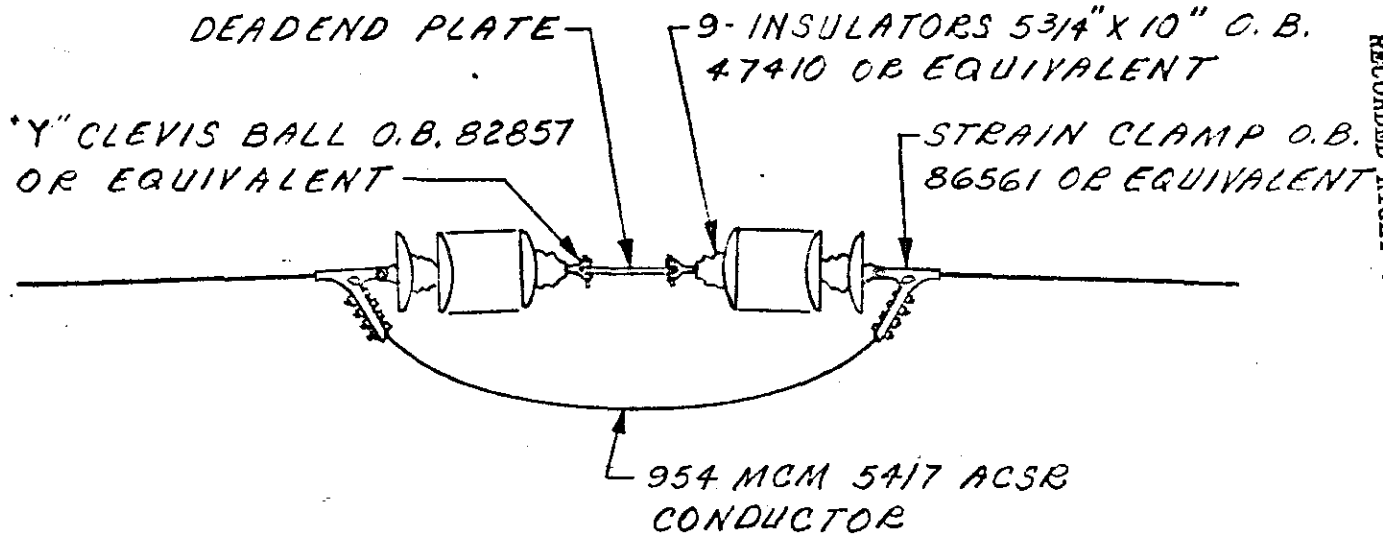
All construction will be done in accordance with the rules and regulations of the Michigan Public Service Commission.

RECORDED RIGHT OF WAY NO. 9064 P 194

SUSPENSION ASS'Y DETAILS



DEADEND ASS'Y DETAILS



RECORDED RIGHT OF WAY NO. 9069 PH

120 KV SUSPENSION &
DEADEND ASS'Y DETAILS

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

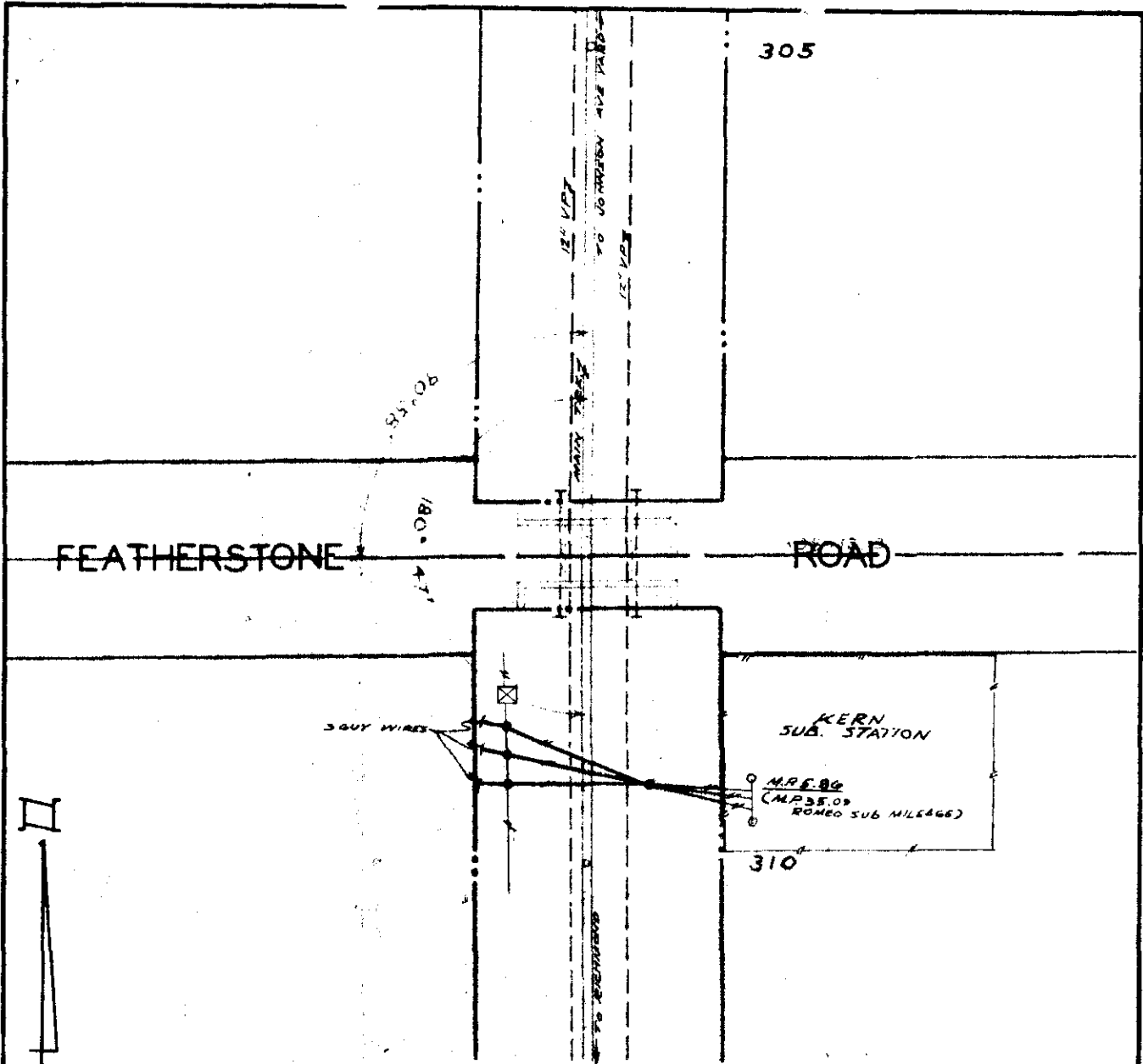
BILL OF MATERIAL - SLPT STRUCTURE

<u>Item</u>	<u>Quantity</u>	<u>Description</u>	<u>Ed. No.</u>
1	1	Pole Cl Frame per Det. 5048, Blue-See Pg. 6-5-25	
11a	1	Ridge Iron Assy	240-0137
30	3	Horiz. Line Post Ins.	761-0482
31	3	Line Post Insulator Clamp	240-0404
32	-	Conductor	-
33	3 sets	Preformed Armor Rods (Cond.)	-
34	4	Fiberglas Down Lead Support	761-0415
35a	1	Anchor Shackle	240-0278
37	1	Ground Wire Susp. Cl.	-
38	1	Ground Wire	-
39	1 set	Preformed Armor Rods (G.W.)	-
40	75'	#4 Bare Soft Solid CU	710-0052
42	30+	1-1/2" Galv. Staple	254-0012
44	2	#2 Tap Connector	721-0338
45	2	1/2" x 6"-0" Ground Rod - 7' Lead	240-0065
46	1	3' Ground Rod Extension	240-0046
54	7	5/8" Round Washer	253-0067
55	4	MI Curved Washer - 11/16" Hole	240-0027
57	6	2-1/4" x 3-1/2" Curved Washer	240-0470
65	7	5/8" x 10"-16" Mach. Bolt Galv*	-
67	6	3/4" x 10"-16" Mach. Bolt Galv*	-
75	6	5/8" Palnut	252-0028
76	6	3/4" Palnut	252-0049
85	8ft.	Ground Molding, Blue	142-2022
86	4	Ground Molding Strap	240-0120
87	8	6d Galv. Nail	254-0097
88	1	5/8" Sq. Nut Galv.	252-0073

RECORDED R/W FILE NO. 906A P 494

* Bolt Length depends on Pole Diameter - See Page 6-24-41 and 42.

RX 4304



Proposed crossing to consist of one 120,000 volt circuit with one ground wire at a minimum overhead clearance of 40.8' above top of rail.
 Wire Crossing No. 2099
 M.P. 5.86 (M.P. 35.09 Romeo Sub. Milage)

G. T. W. APPROVALS	
<i>[Signature]</i>	LEGAL DEPT. AS TO FORM
<i>[Signature]</i>	CHIEF ENCR.
<i>[Signature]</i>	REAL ESTATE TAX DEPT.
<i>[Signature]</i>	SUPT. OF COMM.

GRAND TRUNK WESTERN RAILROAD COMPANY
 BELT LINE
 DETROIT DIVISION HOLLY SUBDIVISION
 PONTIAC, OAKLAND COUNTY, MICHIGAN

L I C E N S E

THE DETROIT EDISON CO.

PLAN NO. L-75-74 Sept. 10, 1974
 SCALE 1"-100' FILE NO. 71-2

W. J. Master
 ENGINEER OF SURVEY AND CONSTRUCTION

BOUNDARIES OF G.T.W. R.R. CO.
 FACILITIES COVERED BY LICENSE

RECORDED RIGHT OF WAY NO.

PERMIT NO. 494 under Master Agreement dated January 2, 1932 L-159-534

RENTAL FOR THIS PERMIT:
 \$175.00 for the first year and
 \$75.00 Per Annum Thereafter

[Signature]

GRAND TRUNK WESTERN RAILROAD COMPANY -
 a Michigan Corporation -

By *[Signature]*
 Its Manager of Real Estate and Tax

THE DETROIT EDISON COMPANY,
 a Michigan Corporation and a New York Corporation -

By *[Signature]*
 Its -

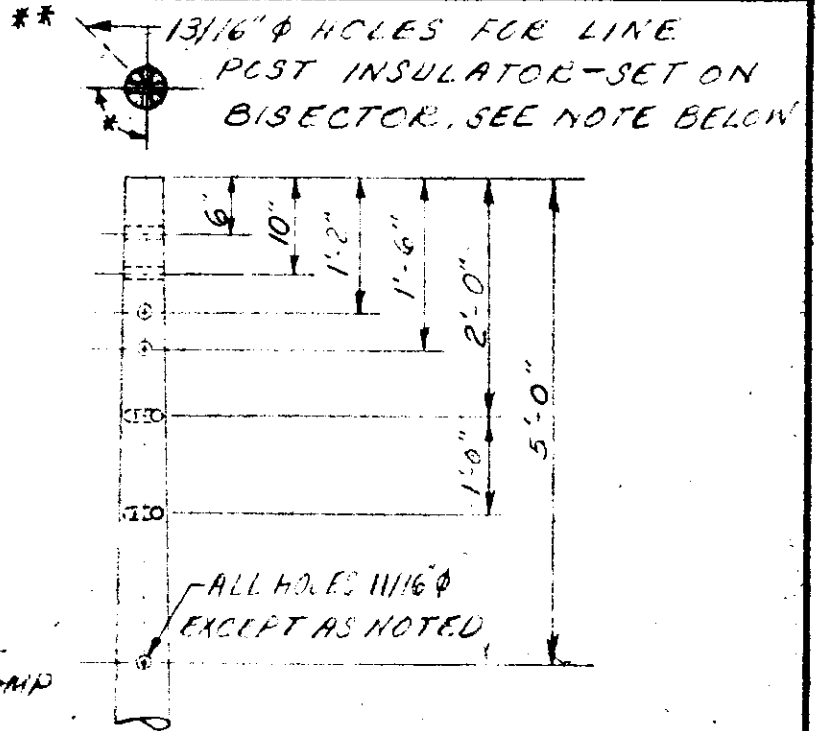
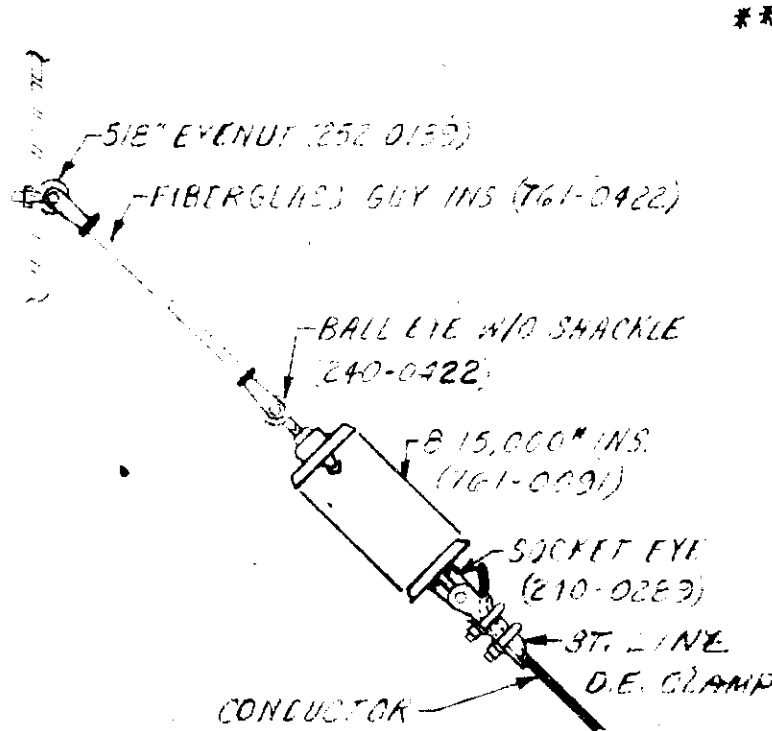
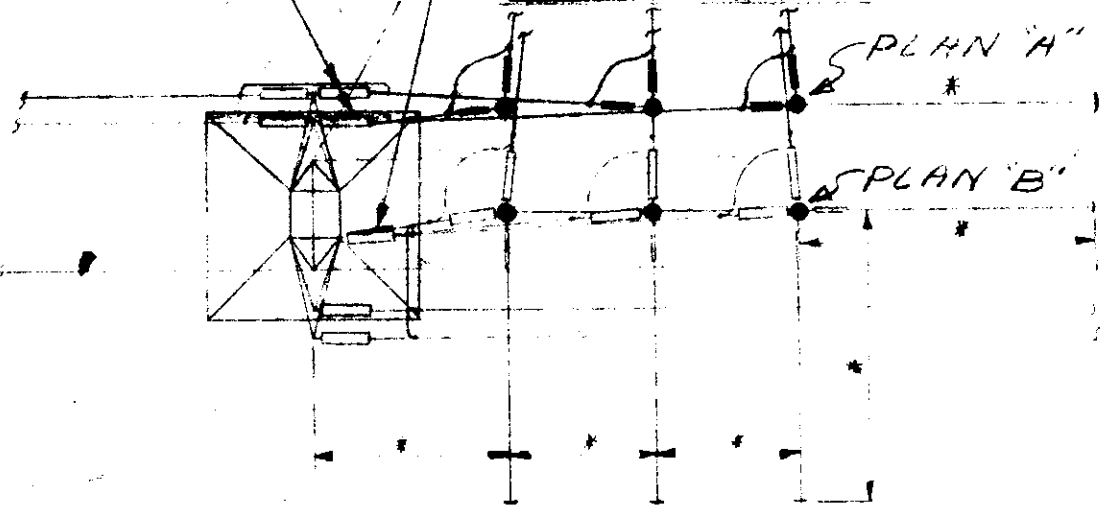
xx *[Signature]*
 DOROTHY E. MONK

W. C. ARNOLD, DIRECTOR
 Real Estate and Rights of Way Dept.

Page 1994

SEE DETAIL "C"

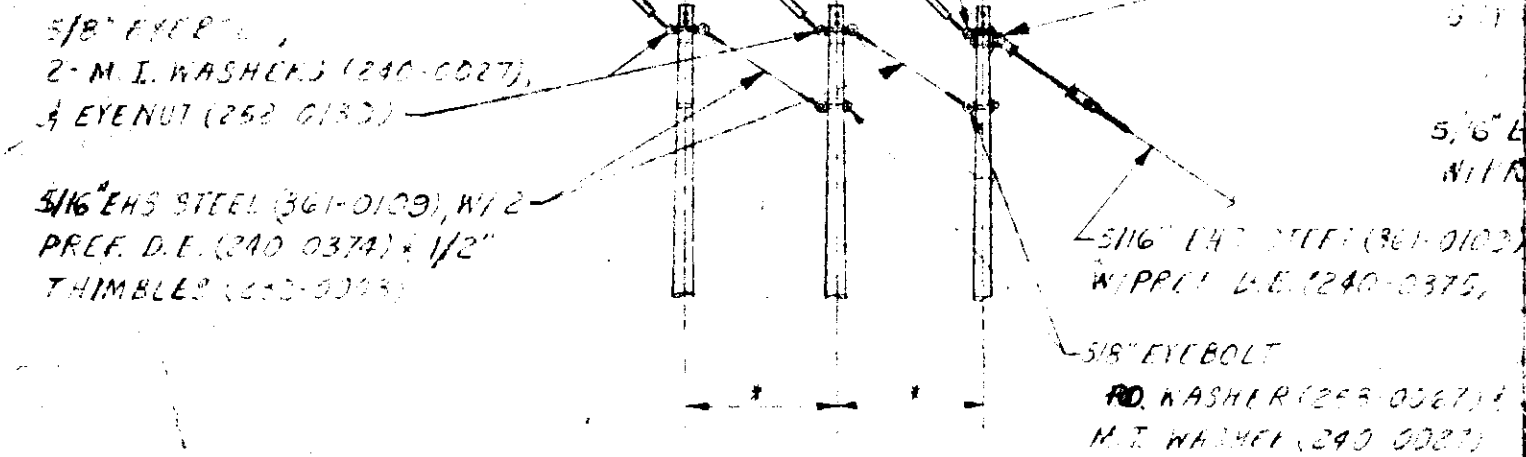
DEAD END ON 5/8" EYE BOLT (252-0133) WITH
 Y-BALL CLEVIS (240-0421), ANCHOR SHACKLE
 CLEVIS (240-0294), 14" EXT STRAP (240-0278),
 BALL CLEVIS (240-0296), 9-15,000" INS (761-0091),
 SOCKET EYE (240-0283) & ST. LINE D.E. CLAMP
 TOP, MIDDLE PHASES ONLY. FOR DATA SEE DETAIL "A"



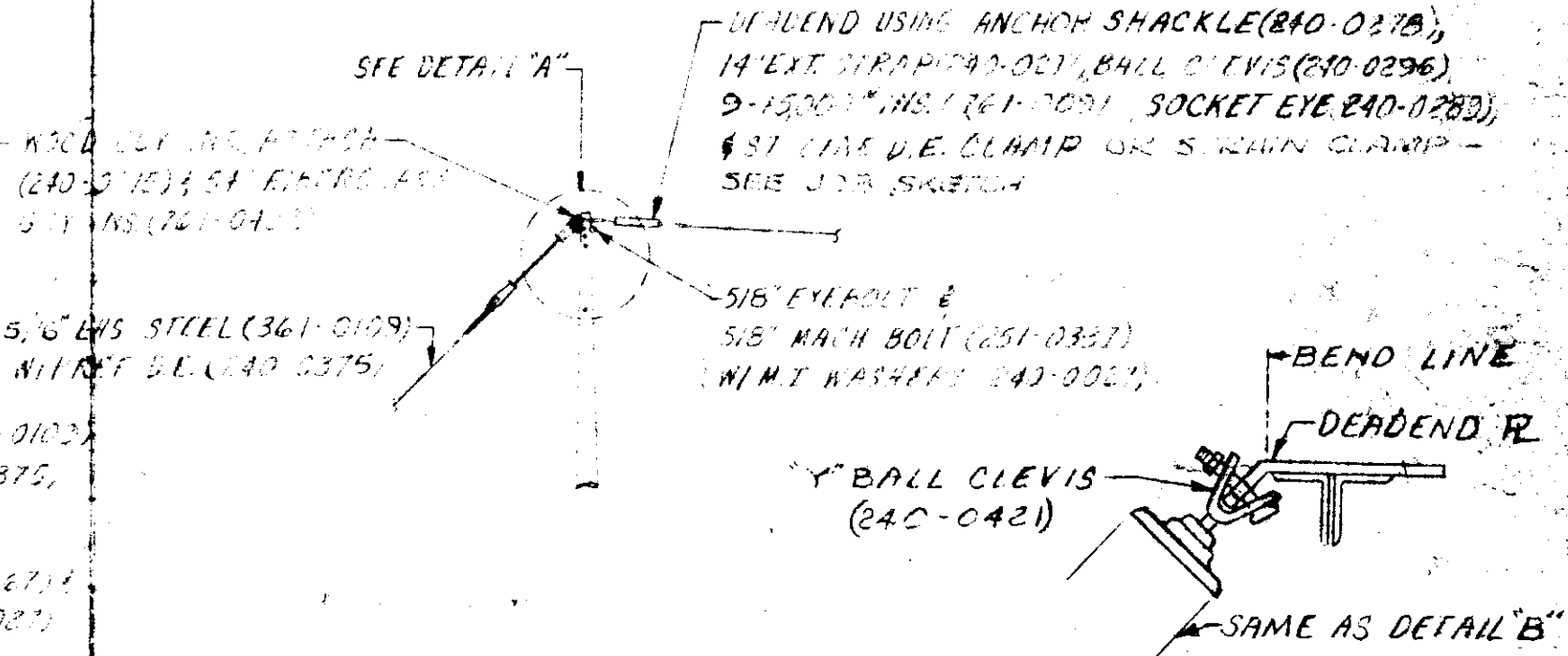
DETAIL "B"

DETAIL "A" (FRAMING)

DEAD END USING ANCHOR SHACKLE (240-0278),
 14" EXT STRAP (240-0278), SOCKET CLEVIS
 (240-0294), 9-15,000" INS (761-0091),
 BALL EYE W/D ANCHOR SHACKLE (240-0422),
 & STRAIN CLAMP
 INSTALL INSULATOR WITH
 PETTICOATS DOWN



- NOTES:**
- 1) SEE JOB SKETCH FOR LINE DIRECTION.
 - **2) USE OF HOR. LINE POST INSULATOR TO BE SPECIFIED ON JOB SKETCH.
 - 3) SEE JOB SKETCH FOR CONDUCTOR SIZE.
 - *4) THESE DIMENSIONS WILL VARY SEE JOB SKETCH.

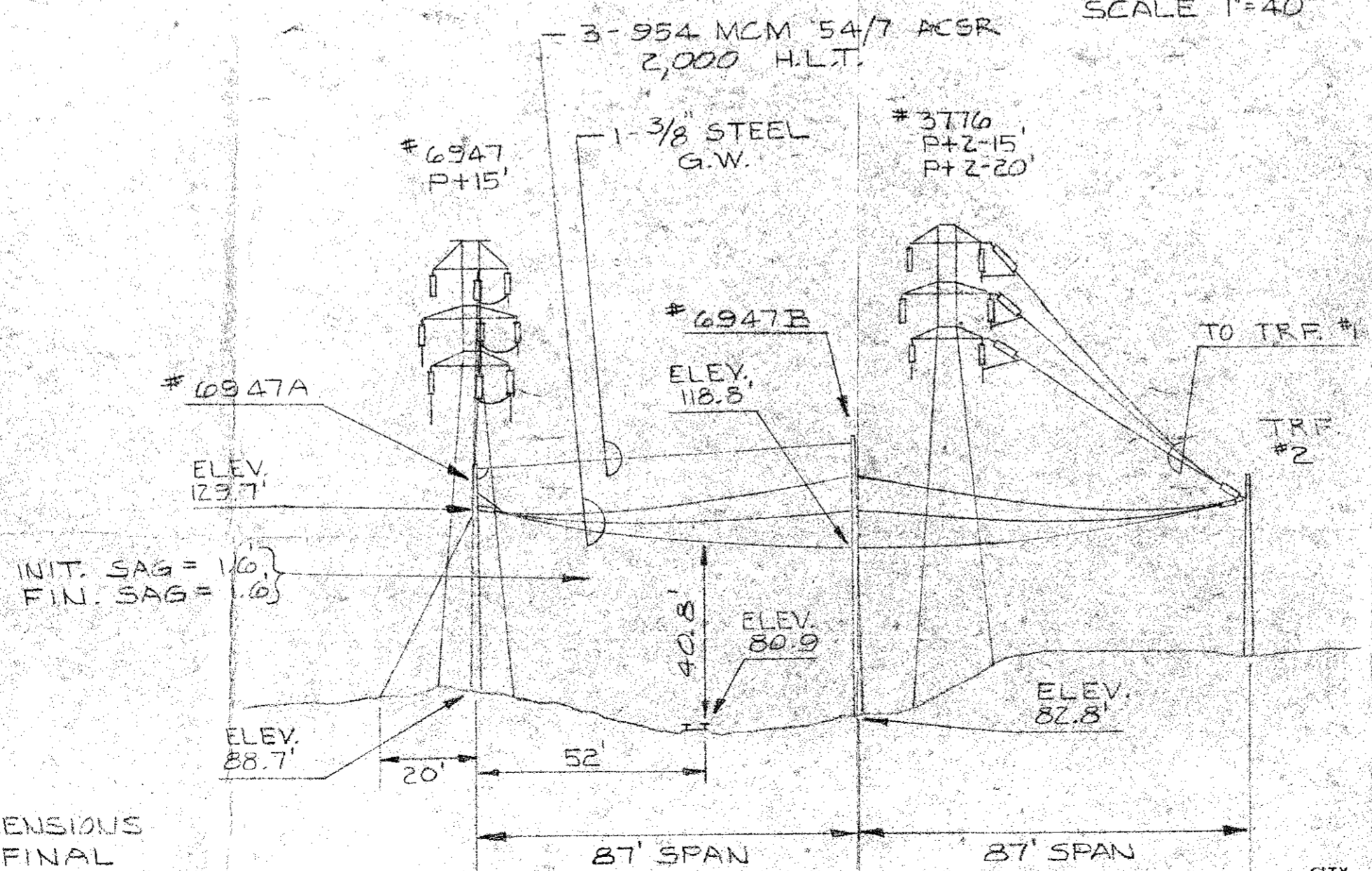
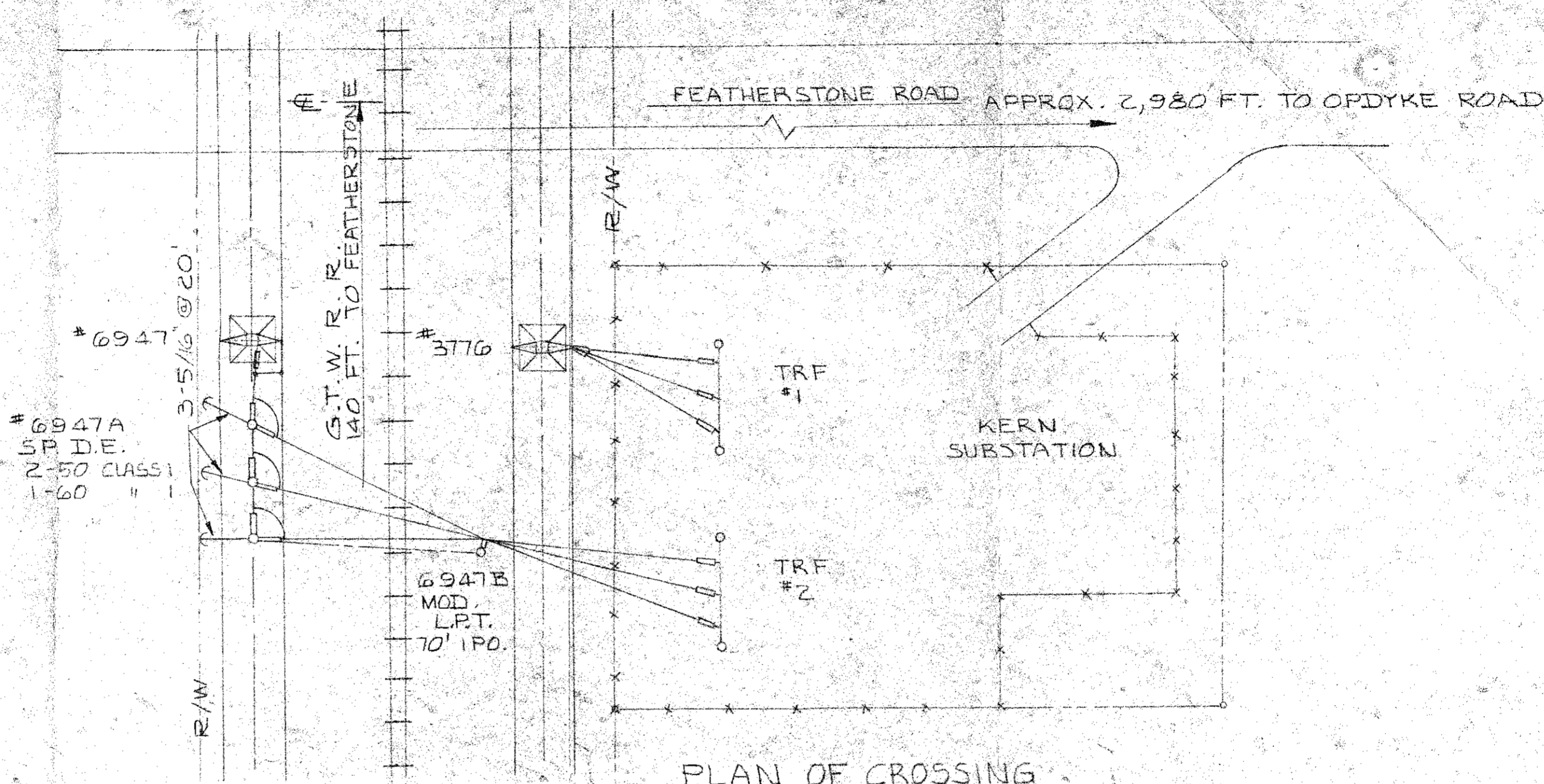
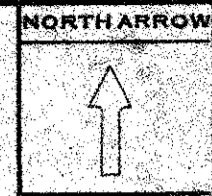


DETAIL "C"

DATE 2-1-72

APPROVED		THE DETROIT EDISON COMPANY GENERAL ENGINEERING DEPARTMENT	
LAYOUT BY J. WRIGHT		DRAWN BY J. WRIGHT	
DATE 2-12-70		DRAWING NUMBER EQ-2-7067	
SCALE			

PONTIAC - BLOOMFIELD TRANSMISSION LINE



ALL DIMENSIONS AT 60° FINAL

APPROVED
FOR
MICHIGAN PUBLIC SERVICE
COMMISSION
John S. Hanger
DIRECTOR OF PUBLIC UTILITIES
FILE ED2-8-7419 DATE 12-4-74

RECORDED RIGHT OF WAY NO. 9064 p 494

THE DETROIT EDISON COMPANY
PLAN SUBMITTED TO
MICHIGAN PUBLIC SERVICE COMMISSION
FOR 120,000 VOLT CROSSING
OVER GRAND TRUNK WESTERN R.R.
DRAWN BY C. VAN PARIS DATE 8-28-74
APPROVED BY *John S. Hanger* DATE 8-28-74

PERMIT NO. ED	DRAWING NO. RX-4304
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CITY PONTIAC
COUNTY OAKLAND
TOWNSHIP PONTIAC
T3N-R1DE
SECTION NO. N.E. 1/4 SEC. 27