

CORPORATE REAL ESTATE SERVICES

Project No.: B000000117
Job No.: BT1212
RFW No.: 147306
R/W No.: RX374B

Date: February 8, 1999
To: Brenda Golson
Records Center
From: Tom Wilson, SR/WA *TW*
Subject: Wire Crossing of Railroad Tracks

Attached are papers related to the notification, dated January 8, 1999, to Grand Trunk Western Railroad Company, to revise the above mentioned crossing in the NE ¼ of Section 29, Mussey Township, St. Clair County, Michigan.

The Service Center is notified to revise the crossing as requested. **Note: All construction work associated with aerial crossings of railroad tracks requires that you notify the operating railroad as to the actual date of construction, in advance of any work.**

Please incorporate these papers into railroad recorded Record Center ROW File No. R34636P115.

Attachments

cc: Mark Edmonson (Marysville SC)

RECORDED RIGHT OF WAY

34636 P115



Canadian National Railway
2800 Livernois, Suite 300, P. O. Box 5025
Troy, MI 48007-5025

Thomas J. Rigley
Manager, Asset Management
Canadian National Railway Properties Inc.

(248) 740-6646
Fax: (248) 740-6089

February 1, 1999

Our File No.: No. 27
Your File No.: RX374B

Mr. Thomas Wilson, SR/WA
Real Estate Associate II
Detroit Edison
2000 Second Avenue
Room 2310 WCB
Detroit, MI. 48226

Dear Mr. Wilson:

We approve your application dated January 8, 1999 for the reconstruction of an overhead wire crossing in Bryce Road, Mussey Township, St. Clair County.

Since the crossing is within the limits of public road right of way a license or easement is not required. Prior to construction please give 72 hours notice (excluding Saturdays, Sundays and Holidays) to Ron Rumohr at: (248) 740-6540 to assign a flagman.

Sincerely,


T. J. Rigley
Manager, Asset Management

TJR/mec

RECORDED RIGHT OF WAY 34636 P115



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

CORPORATE REAL ESTATE SERVICES

January 8, 1999

Mr. M.J. Dupuis
Engineer of Design Construction
Grand Trunk Western Railroad Company
2800 Livernois, 3rd Floor
Troy, Michigan 48007-5025

Re: Wire Crossing Revision Notification

Dear Mr. Dupuis:

This letter is your notice of the planned reconstruction of an overhead wire crossing, by The Detroit Edison Company, within the Bryce Road Right-of-Way, in the SE ¼ of Section 20 and/or the NE ¼ of Section 29, Mussey Township, St. Clair County, Michigan, as described on the enclosed drawings and information forms.

1. Location: East of Martin, south of Downey and north of Donald Streets.
2. Detroit Edison Project and Crossing Nos.: BT1212, RX374B
3. This is a reconstruction of a crossing (Reference Previous MPSC Permit U6657/Date:February 21, 1930. Information on this crossing is retained in Edison ROW File No. R34636P115.
4. Please indicate your:
 - R.R. Valuation Station No. _____
 - R.R. Mile Post No. _____
 - Will a Flagman or Inspection be required? _____

All construction will be done in accordance with specification of the Michigan Public Service Commission and all applicable codes and laws.

Michigan law requires you to respond within 30 calendar days of the receipt of this notification. In the event you do not respond within 45 days of the receipt of this letter, our crews will be instructed to begin work.

Please contact me on (313)235-8314 if you have any questions.

Sincerely,

Thomas Wilson, SR/WA
Real Estate Associate II
Room 2310 WCB

cc: Mark Edmonson (Marysville SC)
Attachments

RECORDED RIGHT OF WAY 34636 P115

Railroad Name: **GRAND TRUNK WESTERN** Department Order: **147306 / 350**

Row No. (Information on existing rights of way available from Record Center): **RX374 A** New or existing RX No.: **RX374 B** Encroachment (Length in Feet):

Location (City/Township(s)): **MUSSEY** Town(s) Range(s): **T-7N R-13E** County(s): **ST. CLAIR** 1/4 Section(s): **SE** Section(s): **20**

Location Description of Encroachment: **BRYCE ROAD, APPROX. 1/4 MILE WEST OF CAPAC**

Check appropriate box:
 Crosses tracks within the public road right-of-way
 Crosses railroad land
 Is longitudinally on or over railroad land,
 Provides service to the railroad

Facility Data (also detailed on attached drawing)

Nature of required tree rights

Existing State Permit No. _____ Date _____ Railroad Mile Post (Number) _____ Distance to Crossing from Mile Post (in feet) _____ Ft.

Type of Structure: Existing Wood Steel Proposed Wood Steel

Existing Conductors				Existing Poles				Existing Cross-Arms	Proposed Conductors				Proposed Poles				Proposed Cross-Arms
Span.	No./Size	Kind	Voltage	Loc.	Height	Class	Size	Span.	No./Size	Kind	Voltage	Loc.	Height	Class	Size		
BC	3-1/0	COP.	40,000	A	45	4	96"	BC	3-1/0	COP	40,000	A	45	4	96"		
BC	3-1/0	ACSR	4800	B	55	2	96"	BC	3-1/0	ACSR	4800	B	60	2	96"		
				C	50	2	96"	BC	1-1/0	ACSR	NEUT.	C	60	2	96"		
				D	45	3	96"					D	50	3	96"		
				E	35	4	-					E	35	4	-		
				F	35	4	-					F	40	2	-		

Explanation of Line Changes (continue on separate sheet if necessary):
EXISTING CONDUCTORS WILL REMAIN, REPLACING POLES B, C, D, & F TO TALLER PO FOR GREATER CLEARANCE OVER TRACKS. FOR THE INSTALLATIONS OF 1-1/0 ACSR NEUTRAL, ALL POLES WILL BE REPLACED IN SAME LOCATION.

Clearances

Tolerance	Clearances	Height
Nearest 0.1 foot with lowest conductor or wire at 60° final sag. (If different indicate on drawing)	From Top of Rail to Final Sag	32.5 Ft.
	From Detroit Edison wire to Railroad Communication or Signal Lines	10.5 Ft.

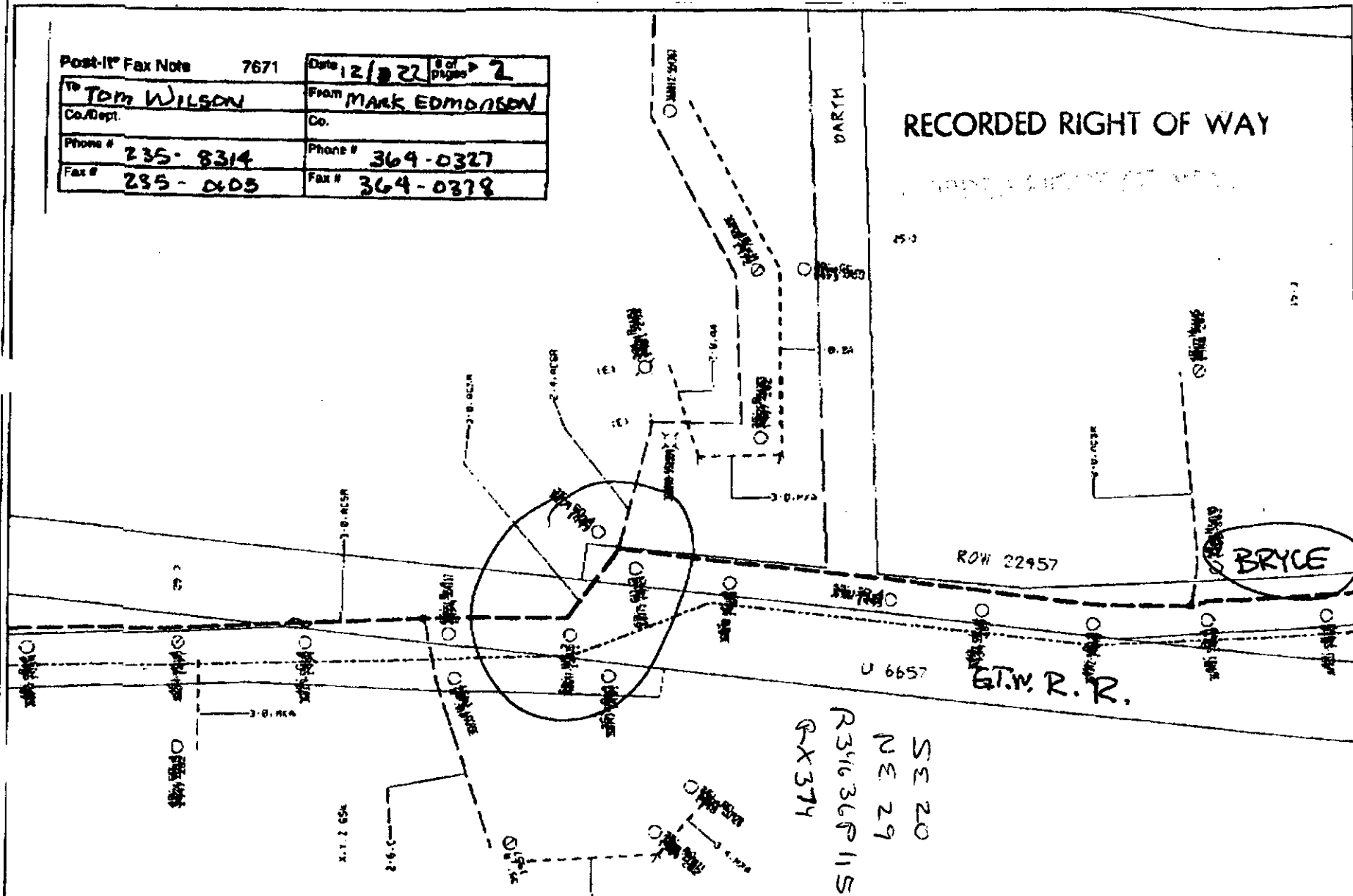
* Materials and clearances shall be as noted in the current revision of Detroit Edison's Overhead Lines Construction Standards Manual at Railroad Crossings. Due to field conditions actual dimension may vary from those indicated.

Designed By: **MARK E. Edmonson** Date: **12-23-98** Checked By: *Brian Samuel* Date: **12-23-98**

Company Location: _____ Phone No.: _____

RECORDED RIGHT OF WAY 3/26/99

Post-IT Fax Note	7671	Date	12/3/22	# of pages	2
To	TOM WILSON	From	MARK EDMONSON		
Co./Dept.		Co.			
Phone #	235-8314	Phone #	364-0327		
Fax #	235-0405	Fax #	364-0378		



RFW Description				PD	SRA	PV	PLC	CONT. GROUP	RFA Number				
1998 PTM - DCB013 CAPAC				304	C	315	0		147306				
Circuit #1		Circuit #2		Service Center#1		Service Center#2		CDM	COB	CUG	FUL	CLT	CUS
								320	0	0	0	0	0
Worksite City				Worksite Twp.				Worksite County					
				MUSSEY TWP									
Town	Range	Sect	Qtr	Planner Name			Commit Date	Scale	Plot Date				
				Edmonson, Mark E			12/3/1998	1" = 150'	12/3/1998				

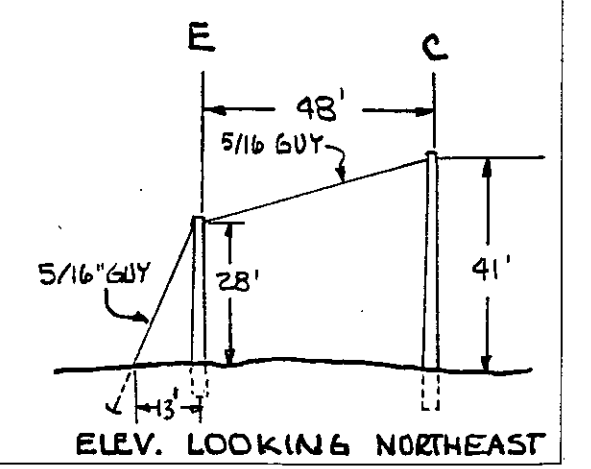
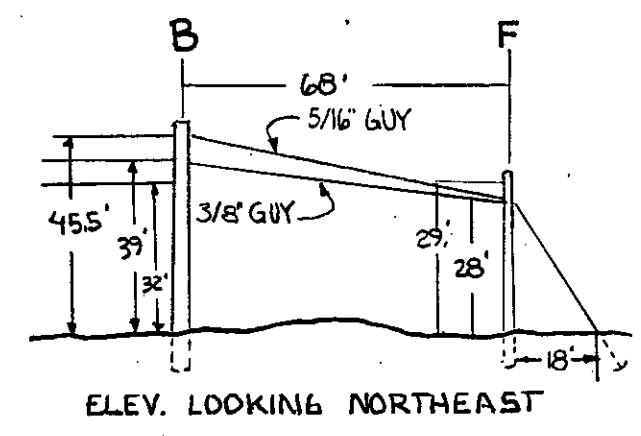
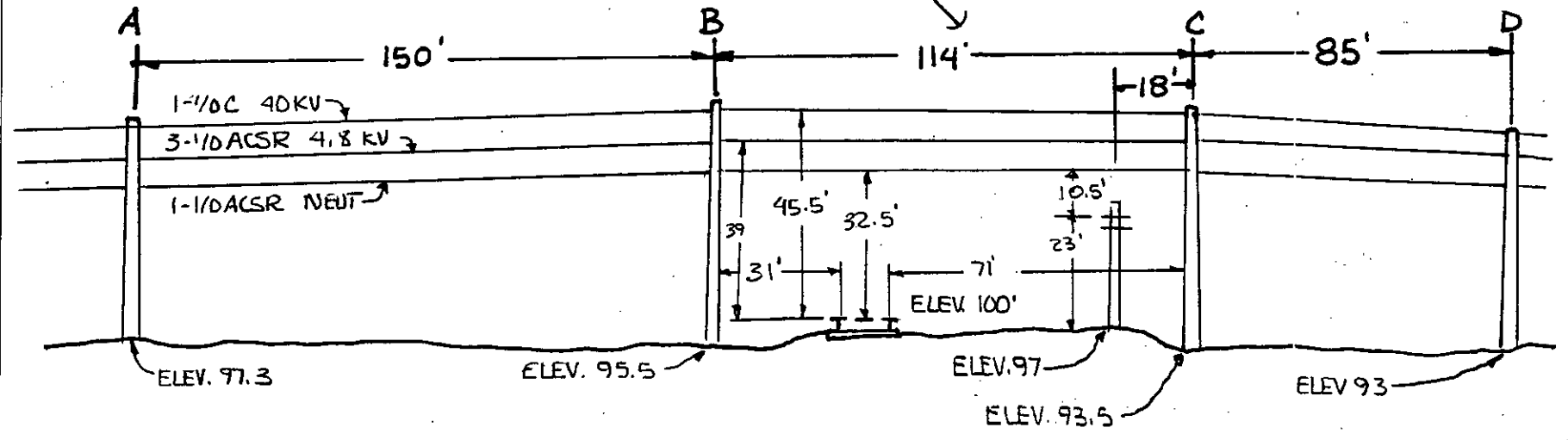
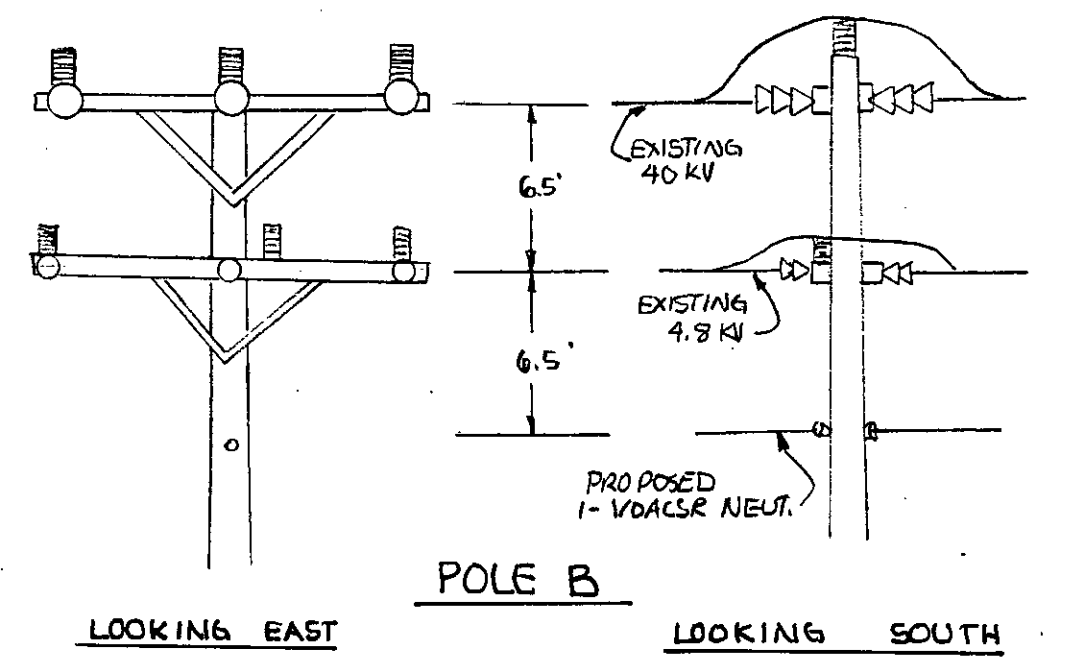
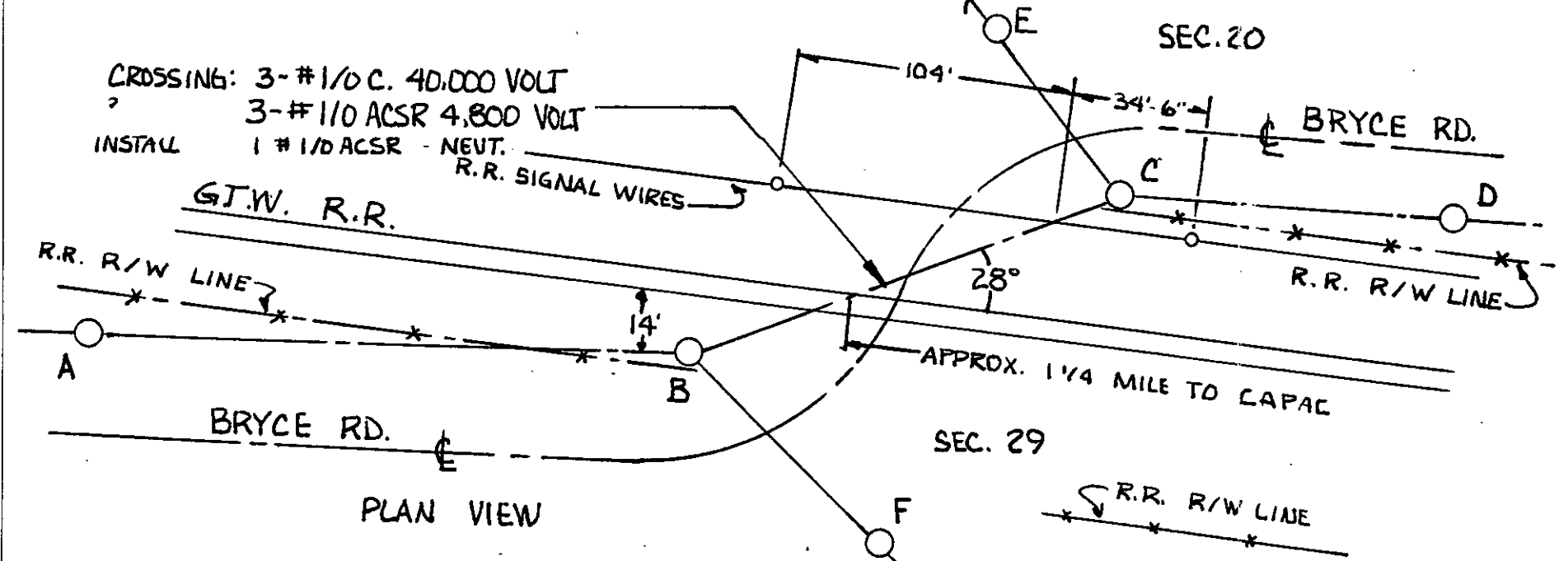
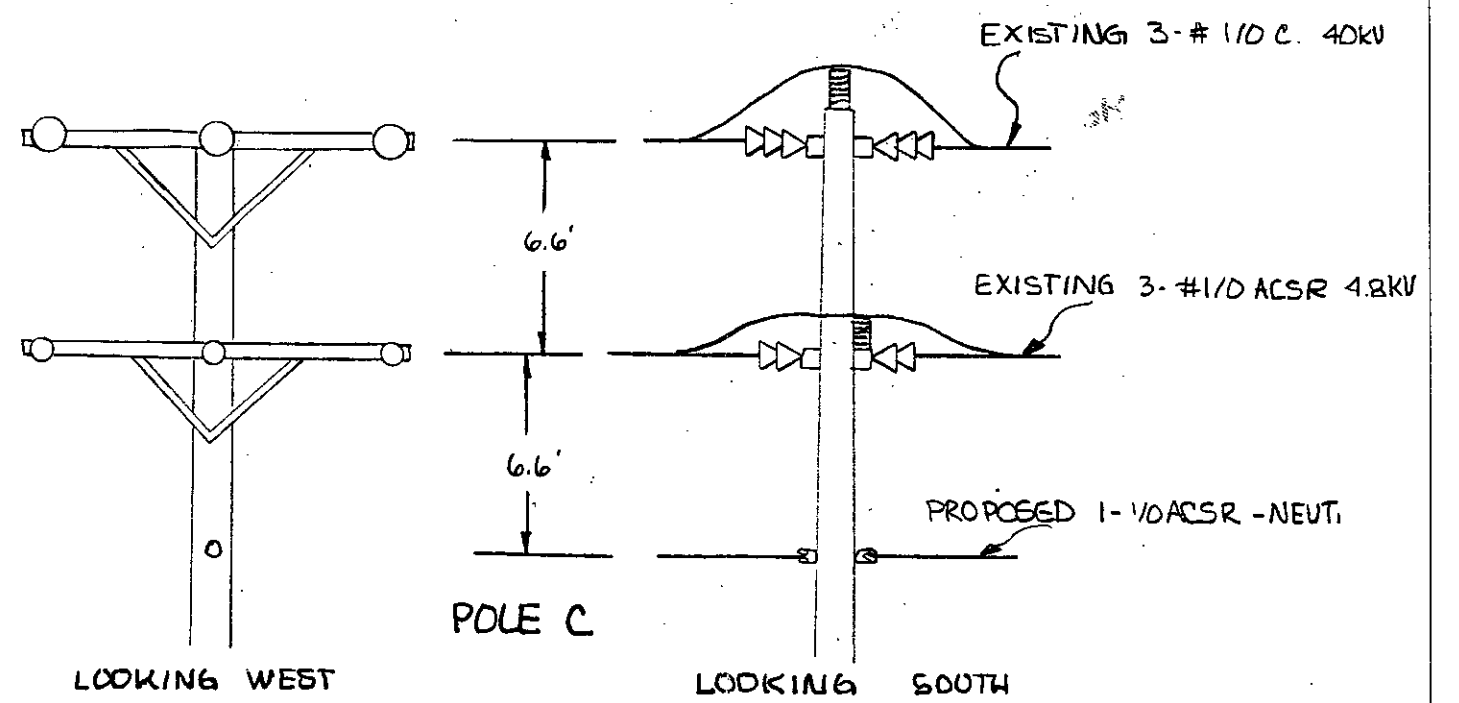
DETROIT EDISON
O.H. RAILROAD CROSSING PERMIT DE 963-3866 6-85 X (SE 32)

DO 147306/350 RX 374 "B"
STATE PERMIT NUMBER _____
JPL _____
R/W 374 "A"
PROPOSED LINE CROSSING OVER GRAND TRUNK WESTERN R.R.
IN BRYCE ROAD, APPROX. 1/4 MILE WEST OF CAPAC
CITY OF _____
SECTION 20 SE QUARTER 1/4 TOWNSHIP MUSSEY T. 7N R. 13E COUNTY ST. CLAIR

REFER TO SECTION 12 OF OVERHEAD LINES CONSTRUCTION STANDARDS FOR MINIMUM CLEARANCE CHART. THE RAILROAD PERMIT APPLICATION (DE 963-6064) SHALL BE SUBMITTED ALONG WITH THIS VELIUM.

SPAN	SPAN LENGTH	LOWEST CONDUCTOR OVER R.R. TRACKS	STRINGING SAG AT 60° F	SAG TABLE	RULE SPAN	FINAL SAG RATION
BC	114'	3-1/0 C	8 1/2"	II	168'	
BC	114'	3-1/0 ACSR	15"	II	168'	
BC	114'	1-1/0 ACSR	15"	II	168'	1.25

DESIGNED BY M. EDMONSON DIVISION MARYSVILLE SERVICE CENTER
CHECKED BY *Brain* DATE 12/23/98





**Detroit
Edison**

CORPORATE REAL ESTATE SERVICES

Job Project No.: BT1212
Location Project No.: BT1212
OCCPT/RX NO.: RX374A

Date: June 23, 1992
To: Ava D. Thrower
Records Center
From: Thomas Wilson *tw*
Subject: Wire Crossing of Railroad Tracks

Attached are papers related to the notification, dated May 18, 1992, to Grand Trunk Western Railroad Company to revise the above-mentioned crossing in the SE 1/4 of Section 20, Mussey Township, St. Clair County, Michigan.

Service Planning, Thumb Division, is hereby notified to revise the crossing as requested. **Note: all work associated with aerial crossings of railroad tracks require your advanced notice to the operating railroad.**

Please incorporate these papers into Record Center File 34636, P 115.

Attachments

cc: R. C. Anderson

B-4

RECORDED RIGHT OF WAY NO.

34636 - P115



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

May 18, 1992

Mr. W. LaMasters
Engineer of Surveys and Construction
Grand Trunk Western Railroad Company
1333 Brewery Park Blvd.
Detroit, MI 48207-2699

Re: Wire Crossing Notification

Dear Mr. LaMasters:


This letter is your notice of the planned reconstruction of an overhead wire crossing over your railroad tracks within the Bryce public right of way, by The Detroit Edison Company, in the SE 1/4 of Section 20, Mussey Township, St. Clair County, Michigan, as described on the enclosed drawings and information forms.

1. Location: Approximately 1 1/4 miles west of Capac and east of Martin Road.
2. Detroit Edison Project and Crossing Nos.: BT1212, RX374A
3. This is a reconstruction of an existing crossing (Previous MPSC Permit No. U-6657/Agreement date: 2-21-30). Information on this crossing is retained in Edison Row File No. 34636 P115.
4. Please indicate your:
 - R.R. Valuation Station No. _____
 - R.R. Mile Post No. _____
 - Will a Flagman or Inspection be required? _____

All construction will be done in accordance with specification of the Michigan Public Service Commission and all applicable codes and laws.

Michigan law requires you to respond within 30 calendar days of the receipt of this notification.) In the event you do not respond within 45 days of the receipt of this letter, our crews will be instructed to begin work.

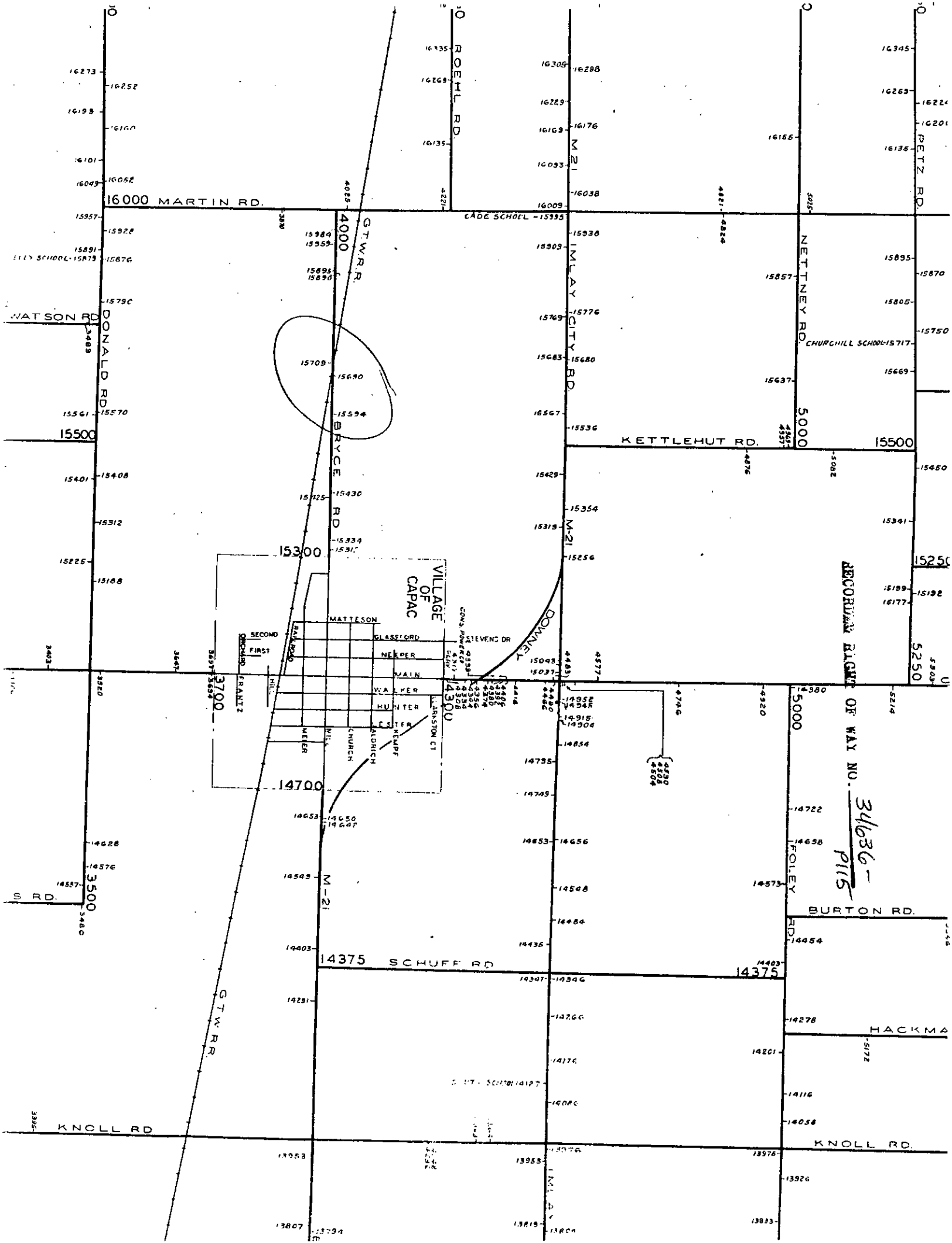
Please contact me on (313)237-8314 if you have any questions.

Sincerely,

Thomas Wilson
Real Estate Associate
Room 2310 WCB

cc: R. C. Anderson
Attachments
B7

Certified Mail
Return Receipt Requested

RECORDED RIGHTS ON WAY NO. 34636-P115





Railroad Crossing Application - Overhead

Please Print

Railroad Name GRAND TRUNK WESTERN				Department Order C-76406	
Revision From RX No. (Available From Record Center (Ext. 78498)) RX-374		New RX No. or R/W No. RX-374 A		Spans B-C OR 1-SPAN	
Location: City /Township MUSSEY		Town T- 7N	Range R-13E	County ST. CLAIR	1/4 Section SE.
Section 20					
Location Description BRYCE ROAD, APPROX. 1 1/4 MILES WEST OF CAPAC.					

This Crossing:
 Is within the public road right-of-way or Is on railroad property Provides service to the railroad (If yes, check box)

Crossing Data

Detailed On Attached Drawing
RX-374 A

Railroad Mile Post (Number)	State Permit No. Existing	Date	Distance to Crossing from Mile Post (in feet) Ft.
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Existing							Proposed						
Type of Structure							Type of Structure						
<input checked="" type="checkbox"/> Wood <input type="checkbox"/> Steel							<input checked="" type="checkbox"/> Wood <input type="checkbox"/> Steel						
Conductors				Poles			Conductors				Poles		
Span.	No. Size	Kind	Voltage	Location	Length	Class	Span.	No. Size	Kind	Voltage	Location	Length	Class
BC	3-1/0	C	40,000	A	45	4	BC	3-1/0	C	40,000	A	45	4
BC	3-6	C	4,800	B	50	2	BC	3-1/0	ACSR	4,800	B	50	2
BC	2-8	BC	70	C	50	2					C	50	2
				D	45	4					D	45	4

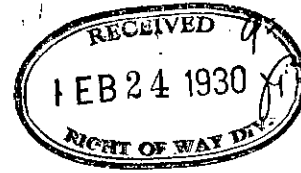
Summary of Line Changes (continue on separate sheet if necessary)
Existing 4,800 v. primary wire being replaced with #1/0 ACSR. Poles at locations "C" & "E" being replaced. Pole "C" is being replaced 15 ft. east of present pole. Pole "E" is being replaced 3 ft. east of present pole.

Tolerance		Clearances		Height
Nearest 0.1 foot with lowest conductor or wire at 60° final sag. (If different indicate on drawing)		From Top of Rail to Nearest Wire		32 Ft.
		Railroad Communication or Signal Lines		10 Ft.

* Materials shall be as noted in the current revision of Detroit Edison's General Specifications for Overhead Line Construction at Railroad Crossings. Actual field dimension may vary from those indicated. However, the clearances shall be in compliance with the current revisions of Order Nos. 1679 and 1868 of Michigan Public Service Commission.

Designed By Richard C. Anderson	Date 4-23-92	Checked By	Date
Company Location Port Huron Serv. Plng.	Phone No 984-6829		

RECORDED RIGHT OF WAY NO. 34636 - P115



STATE OF MICHIGAN
Office of the Michigan Public Utilities Commission, } ss.

I, J. Carl Sheil , Secretary of the Michigan Public Utilities Commission,

Do Hereby Certify, That I have compared the annexed copy of

Permit No. U-6657

with the original permit

recorded in

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 21st

day of February in the year of our Lord

one thousand nine hundred thirty

Secretary, Michigan Public Utilities Commission

MEW

RECORDED RIGHT OF WAY NO.

34636
P115

3158

3158

STATE OF MICHIGAN
BEFORE MICHIGAN PUBLIC UTILITIES COMMISSION

Standard Railroad Wire-Crossing Permit No. ~~U-6657~~

In Re Application of **Detroit Edison Company (Detroit)**

Pursuant to Act No. 171 of the Session Laws of 1898, as amended, application having been made to Michigan Public Utilities Commission by said **Detroit Edison Company**

for permission to string wires across the tracks of the **Grand Trunk Railway System**

and said **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 way company having waived the right of notice and hearing provided for in said act

THEREFORE, It is ordered that said **Detroit Edison Company**

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

In Mussey Township,)	In Section line highway, Secs. 20 and
St. Clair County,)	29, with;
Michigan:-	3 - #0 copper wires, 24000 volts, 3-phase;
	3 - #6 " " 4800 " , 3- " ;
	2 - #8 " telephone wires.

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 **21st** day of **February** A. D. 19 **30**.

MICHIGAN PUBLIC UTILITIES COMMISSION
By

.....**ROBERT H. DUNN**.....
Chairman.

.....**SAMUEL ODELL**.....
Commissioner

.....**ALVA M. CUMMINS**.....
Commissioner,

.....**RUSSELL A. GORMAN**.....
Commissioner,

.....**JAMES BICE**.....
Comm

Countersigned

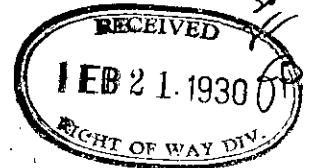
.....**J. Carl Shell**.....
Secretary

RECORDED RIGHT OF WAY NO. 34636 P115

P. 374

GRAND TRUNK RAILWAY SYSTEM

OFFICE OF SUPERINTENDENT
Battle Creek, Michigan
February 20, 1930.



D.T. Crawford
Superintendent

File: 4730-213

Michigan Public Utilities Commission
Lansing, Michigan

Gentlemen:

Referring to application of the Detroit Edison Company for permission to rebuild wire crossing over our tracks in Section Line Road, approximately one and one-quarter mile west of the Village of Capac, in the southeast quarter of Section 20, Mussey Township, St. Clair County, Michigan.


We are willing to grant waiver of hearing in connection with this crossing with the understanding that the Edison Company's construction will conform to the specifications of the Commission.

Yours truly,

Superintendent.

CC: The Detroit Edison Company (Atten:G.B. Hayes)
2000 Second Avenue
Detroit, Michigan

This refers to your letter of February 12.


Superintendent.

12374
U-6657
RECORDED RIGHT OF WAY NO. 34636
P115

DATA SHEET TO ACCOMPANY DRAWING #RX-374 REVISED

Name of Company

The Detroit Edison Company

Name and Location of Crossing

Over the G.T.R., in Section Line Rd., approximately 1- $\frac{1}{4}$ mile west of the village of Capac, S.E. $\frac{1}{4}$ Sec. 20, Town 7 north, Range 13 East, Mussey Twp., St. Clair County, Michigan.

Circuits

Existing one 4,800 volt, 60 cycle, 3 wire, 3 phase, distribution circuit.
Existing one 24,000 volt, 60 cycle, 3 wire, 3 phase, transmission circuit.
Existing one 70 volt, (ringing voltage), two wire telephone circuit.

Poles

Poles (A)(D) 45' Idaho cedar, 28" top circumference, 43" butt circumference at ground line set 6'-6" in clay soil
Poles (B)(C) 50' Idaho cedar, 28" top circumference 47" butt circumference at ground line set 6'-6" in clay soil.

Guys and Guy Attachments

One $\frac{1}{2}$ " Guy from Pole (B) 37' above ground to anchor (L) 40' from Pole (B).
One $\frac{1}{2}$ " Guy from Pole (B) 37' above ground to anchor (J) 15' from Pole (B).
One $\frac{1}{2}$ " Guy from Pole (C) 37' above ground to anchor (H) 26' from Pole (C).
One 5/16" Guy from Pole (B) 36' above ground to anchor (R) 20' from butt of Pole (D).
One 5/16" Guy from Pole (A) 36' above ground to anchor (M) 26' from butt of Pole (A).
One 3/8" Guy from pole (B) 36' above ground to Pole (G) 28' above ground.
One $\frac{1}{2}$ " Guy from Pole (G) 28' above ground to anchor (K) 8' from butt of Pole (G).
One 3/8" Guy from Pole (C) 37' above ground to Pole (F) 28' above ground.
One $\frac{1}{2}$ " Guy from Pole (F) 28' above ground to anchor (I) 15' from butt of Pole (F).
One 3/8" Guy from Pole (C) 36' above ground to Pole (E) 28' above ground.
One $\frac{1}{2}$ " Guy from Pole (E) 28' above ground to anchor (N) 11' from butt of Pole (E).
All guy wire double galvanized stranded steel with a minimum ultimate strength of 55,000 pounds per square inch.

Cross Arms

Existing one 3 $\frac{3}{4}$ " x 4 $\frac{3}{4}$ " x 96" Douglas fir double cross arm per crossing pole.
Existing two 3 $\frac{3}{4}$ " x 4 $\frac{3}{4}$ " x 96" Douglas fir double cross arm per crossing pole.

Conductors

Proposed 3#6 Medium hard drawn, stranded, triple braid, weatherproof copper wires to replace 3#4 wires.
Existing 3#0 Medium hard drawn, stranded, bare copper wires for 24,000 volt circuit.
Existing 2#8 hard drawn, solid bare copper wires.

Guy Clamps

- One 1 5/8" x 6" three bolt galvanized steel clamp at each end, for 3/8" and 5/16" Guys.
- One 1/2" Guy clip at each end for 1/2" guys. (Crosby guy clip.)

Guy Insulators

- One O.B.#25009 (or equivalent) insulator per guy. with wood pole top pin.
- Three 7 1/2" Hewlett Disc. insulators per guy with steel pole top pin.

Guy Anchors

- Four Blade 8" expanding anchor on 1/2" guys buried 7 1/2' deep.
- 8" Cone on 3/8" and 5/16" Guys buried 5 1/2' deep.

Anchor Rods

- 3/4" x 8' round galvanized steel rods on expanding anchors.
- 5/8" x 6' round galvanized steel rods on 8" Cone anchors.

Cross Arm Attachments

- 5/8" galvanized steel center bolts and eye bolts.
- 5/8" galvanized steel spacer bolts.
- 4" x 4" treated pine space blocks.
- 1" x 2 1/2" x 30" treated pine wood braces for 24,000 volt circuits.
- 1/4" x 1 1/4" x 28" flat galvanized steel braces for all other circuits.
- 3/8" galvanized steel bolts at arm end of braces.
- 1/2" x 5" galvanized steel lag screws at pole end of braces.

Pins

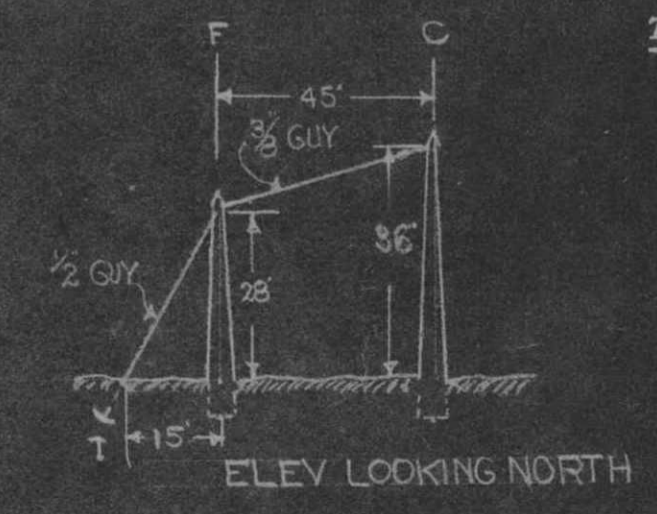
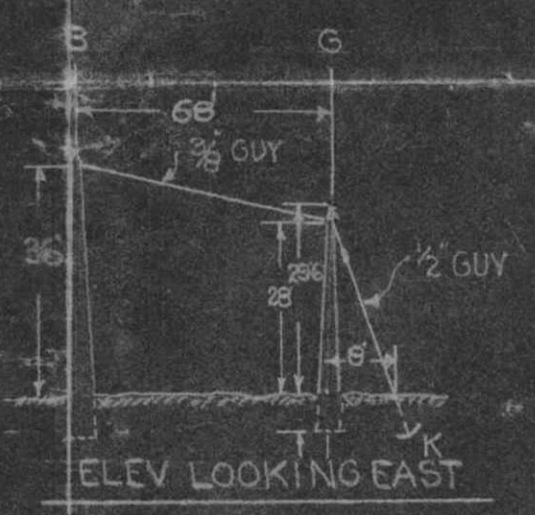
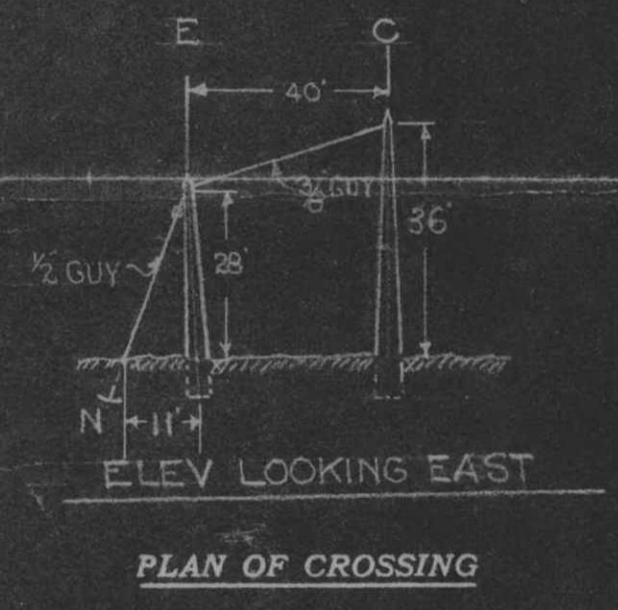
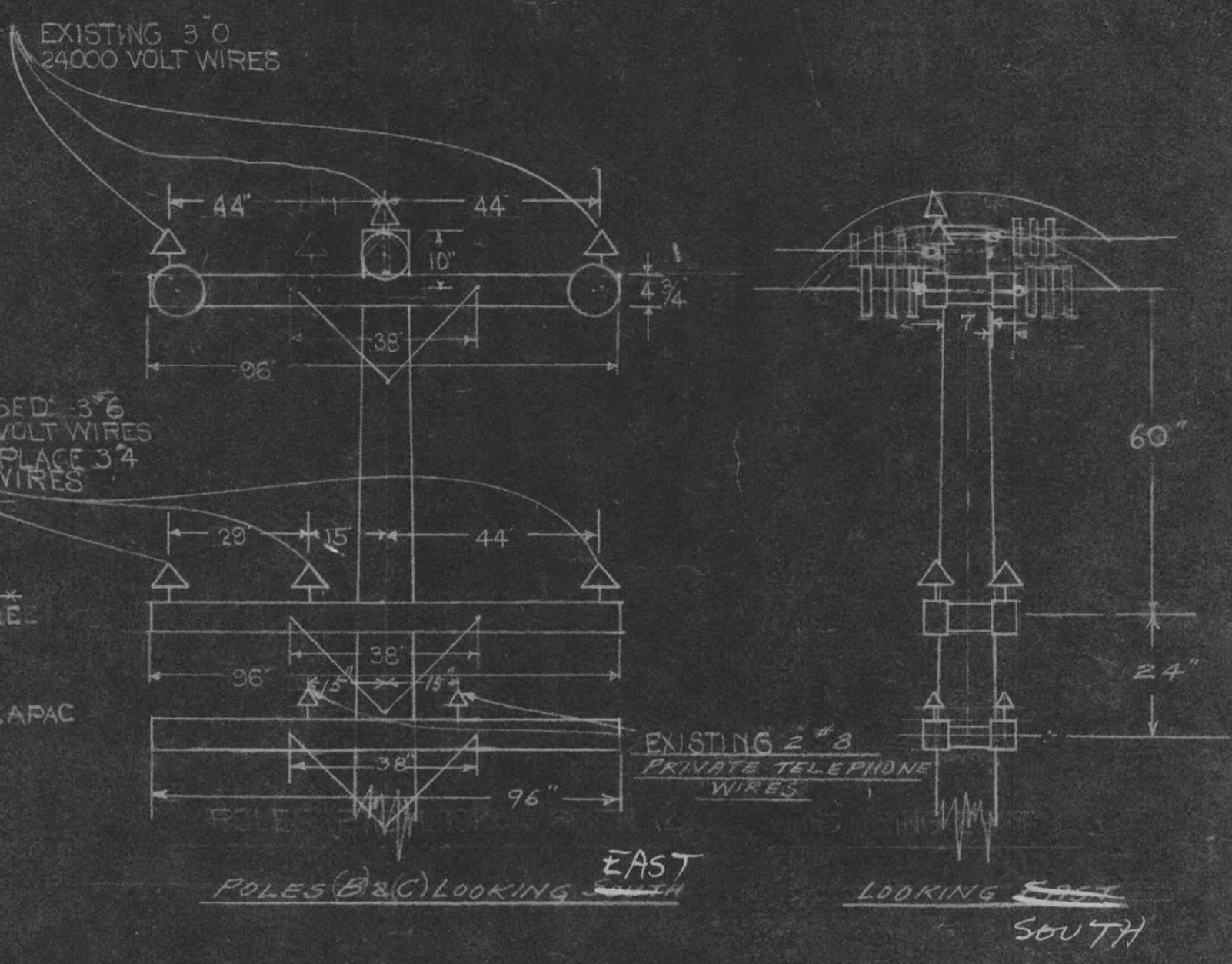
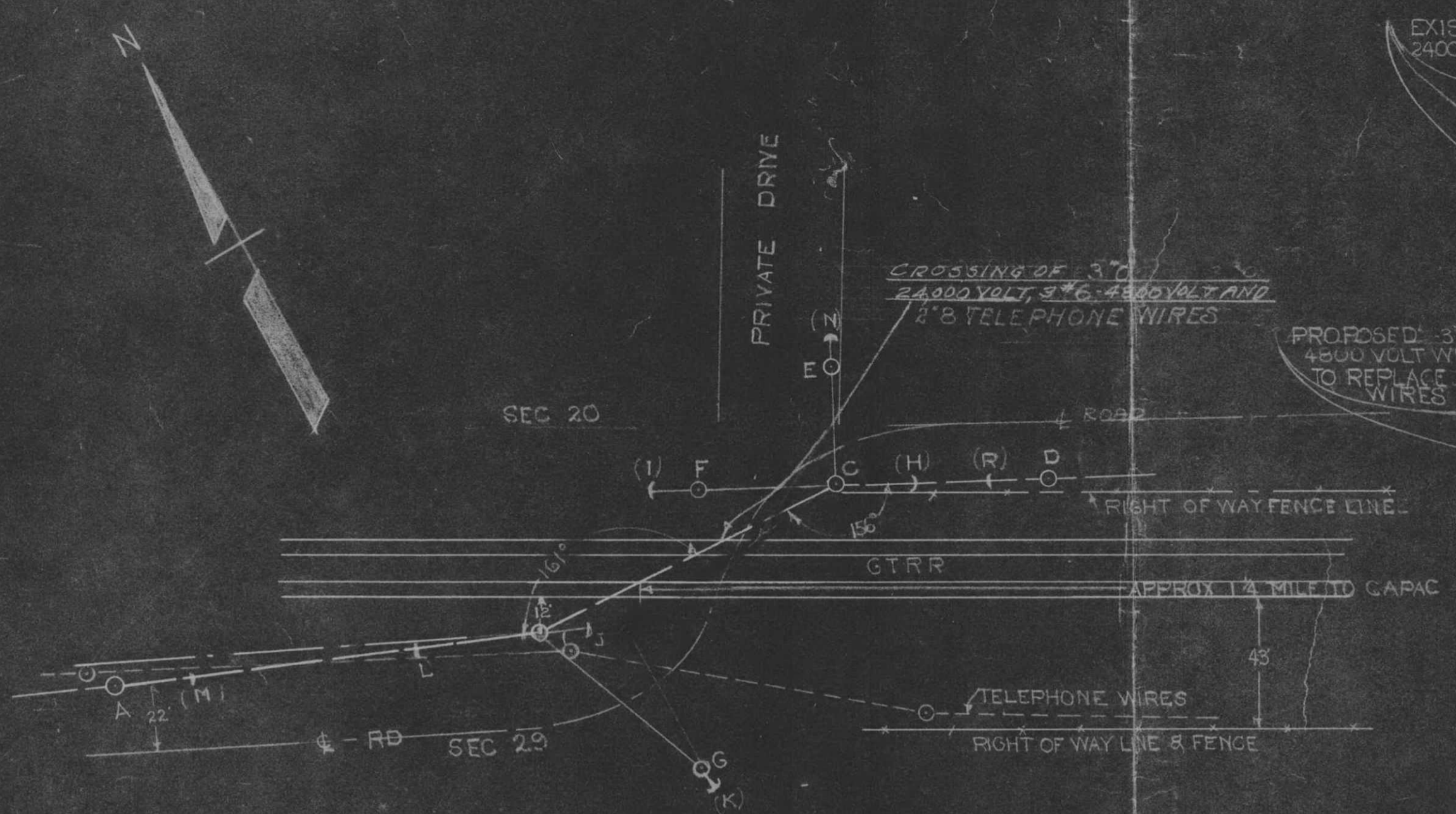
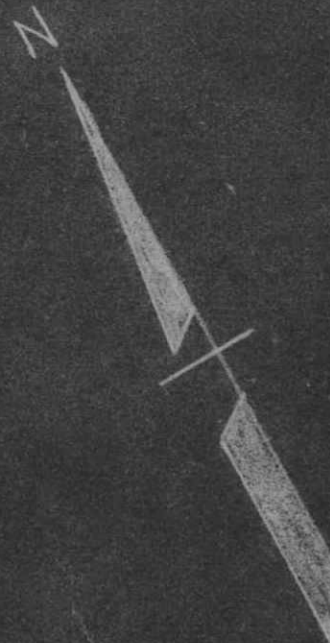
- One 1 1/8" x 20" x 1 3/8" steel or (one 3 5/8" x 3 3/4" x 1 3/8" x 17" wood) pole top pin per 24,000 volt circuit.
- 1 3/4" x 13 3/4" x 1 3/8" locust pins for 24,000 volt cross arm circuits.
- 1 3/4" x 10" x 1" locust pins for all other circuits on 3 3/4" x 4 3/4" arms.
- 1 3/4" x 9" x 1" locust pins for all other circuits on 3 1/4" x 4 1/4" arms.

Insulators

- One O.B.#11623 or equivalent pin type and six Locke #8049 or equivalent disc. type insulators per wire per crossing pole on 24,000 volt circuits. (One O.B.#11623 or equivalent and three Locke #8049 or equivalent for dead ends.
- Two O.B.#12847 or equivalent porcelain pin type insulators per wire, per crossing pole for 4800 volt, 2400 volt, series lighting and private telephone circuits.
- Two #20 Hemingray glass insulators per wire, per crossing pole for 120/240 volt secondary circuits.
- One O.B. #12847 or equivalent pin type and two Colonial #11940 or equivalent disc type insulators per wire for #0000 primary circuits and one #20 Hemingray glass pin type and two O.B.#25009 strain type insulators or equivalent per wire for #0000 secondary circuits per crossing pole

Ties

- Standard top groove tie for 24,000 volt, 4800 volt, 2400 volt, series lighting and private telephone circuits.
- Standard side groove tie on 120/240 volt secondary circuits.
- #8 soft, solid, bare copper tie wire for 24,000 volt circuits.
- #4 or #6 soft, solid, weatherproof, copper tie wire on all other circuits using weatherproof copper wire.
- #6 bare aluminum tie wire on A.C.S.R. conductors.

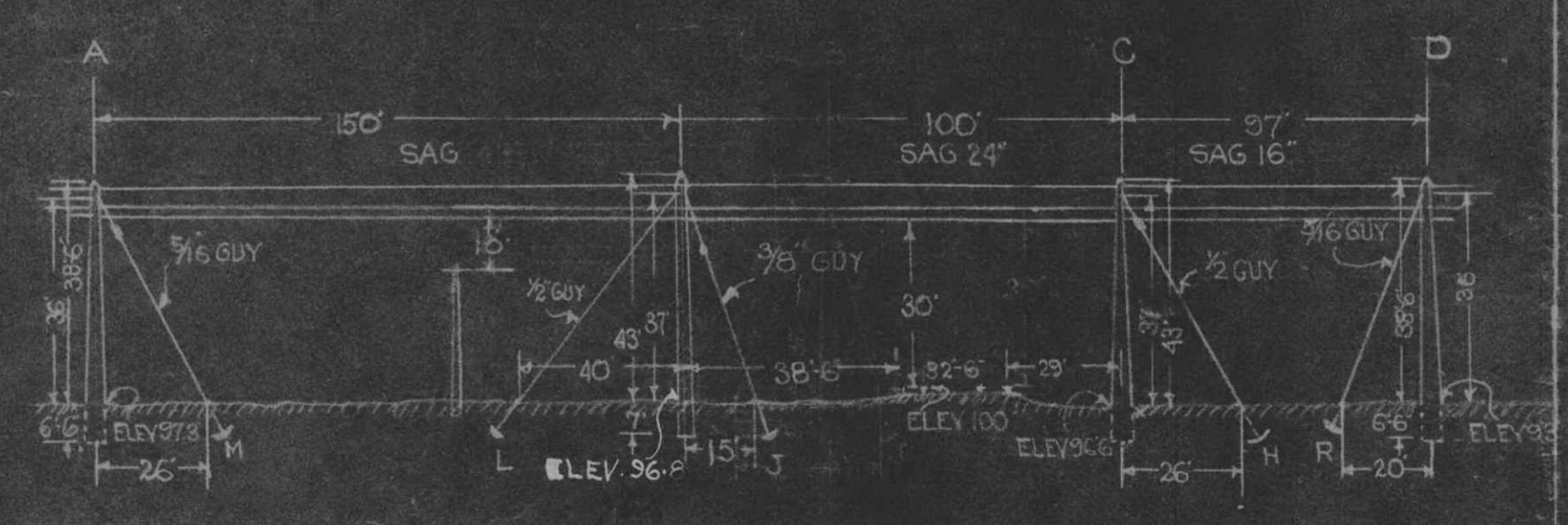


TYPICAL POLE TOP CONSTRUCTION

APPROVED
FOR
MICHIGAN PUBLIC UTILITIES COMMISSION

J. H. ...
CHIEF ENGINEER

FILE 0-6657 DATE FEB 19 1930



REVISIONS

- 7-20-26 - 2" 8 PRIVATE TELEPHONE WIRES ADDED J.P.
- 2-1-30 REBUILDING CROSSING ON HIGHER POLES AND CHANGING SIZE OF PRIMARY WIRES J.P.

APPROX 1/4 WEST OF THE CITY VILLAGE OF CAPAC

COUNTY ST. CLAIR

TOWNSHIP MUSSEY

SURVEY NO. OF TWP 7 NORTH

RANGE NO. 13 EAST

SECTION NO. SE 1/4 SEC 20

U-2905

THE DETROIT EDISON CO.

PLAN SUBMITTED TO MICH. PUBLIC UTILITIES COMMISSION

FOR 4800 VOLT CROSSING OVER GTR

DRAWN BY E.F.H. DATE 4-26-26

CHECKED BY D.B. DATE 4-26-26

RECEIVED
MICHIGAN PUBLIC UTILITIES
COMMISSION
FEB 19 1980
ANS'D

R.K. 374 Rev. G.T.R. 1/4 M. West of Capre.

RECORDED RIGHT OF WAY NO. 34636
P115

R 34636 P115

FEB -7 1980

FEB -7 1980

O.H. Railroad Crossing Permit

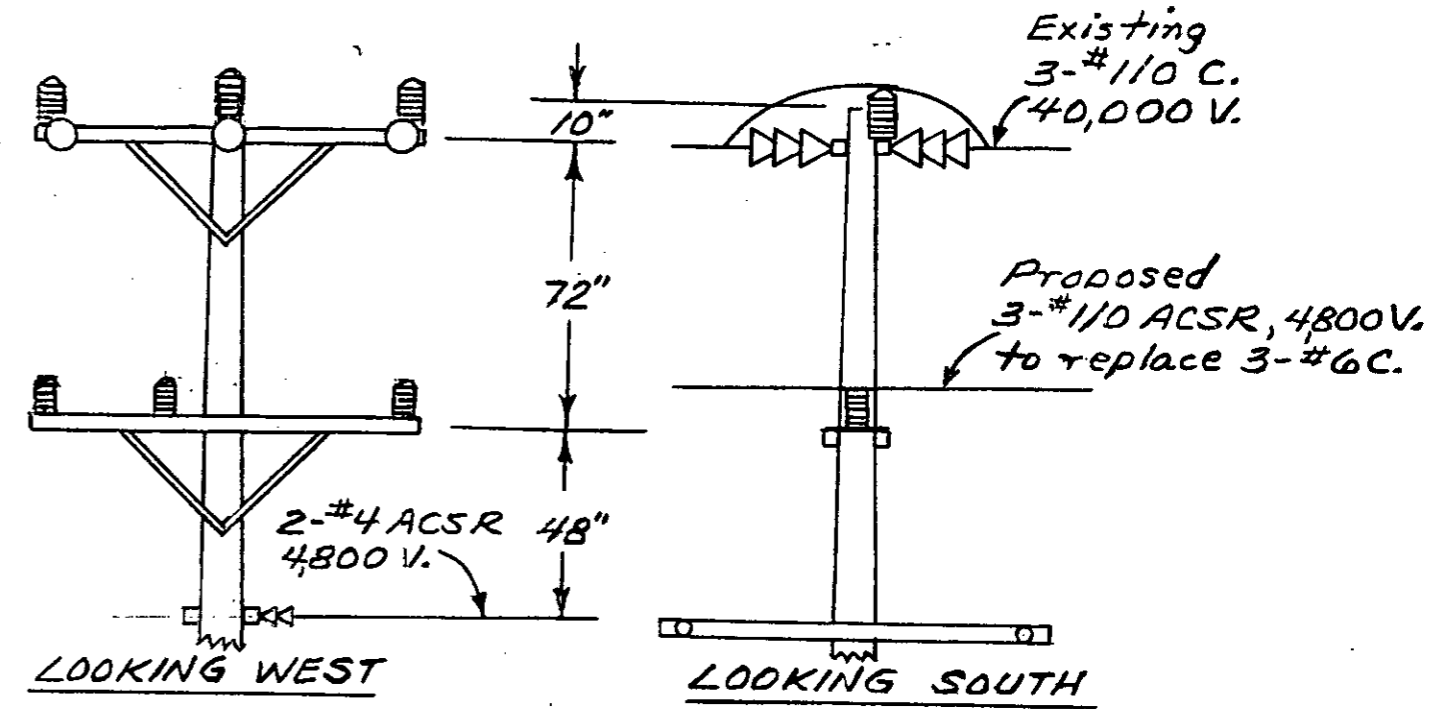
DE 963-3866 6-85 X (SE 32)

Proposed Line Crossing Over GRAND TRUNK WESTERN RR. Existing Permit Number 374
 In BRYCE ROAD, APPROX. 1 1/4 MILE
WEST OF CAPAC. City of _____
 Section 20 S.E. 1/4 Township MUSSEY T 7N R 13E County ST. CLAIR

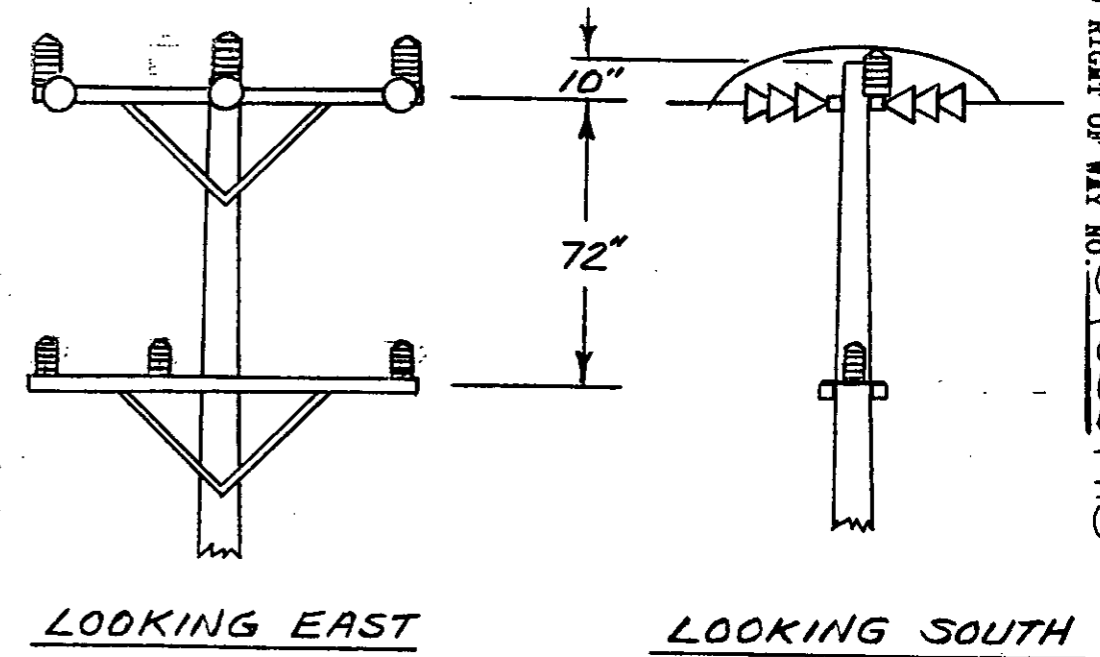
Refer to Section 12 of Overhead Lines Construction Standards for minimum clearance chart. The Railroad Permit Application (DE 963-6064) shall be submitted along with this vellum.

Span	Span Length	Lowest Conductor Over R.R. Tracks	Stringing Sag At 60° F	Sag Table	Rule Span	Final Sag Ratio
B C	114'	3-1/0 C.	8 1/2"	II	168'	
B C	114'	3-1/0 ACSR	15"	II	168'	1.25

Designed By RICHARD C. ANDERSON Division THUMB
 Checked By _____ Date 4-22-92



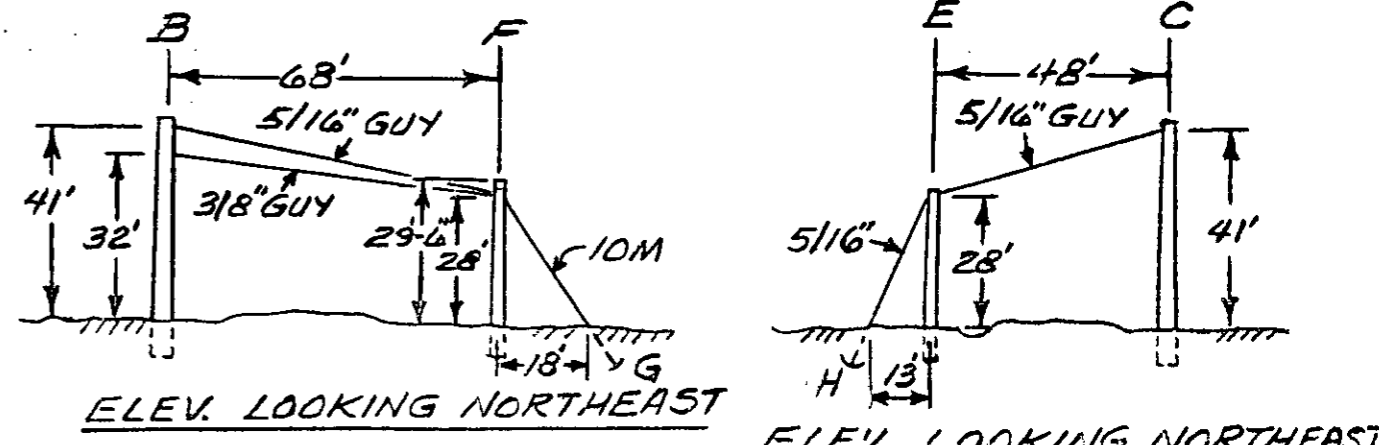
POLE C



LOOKING EAST

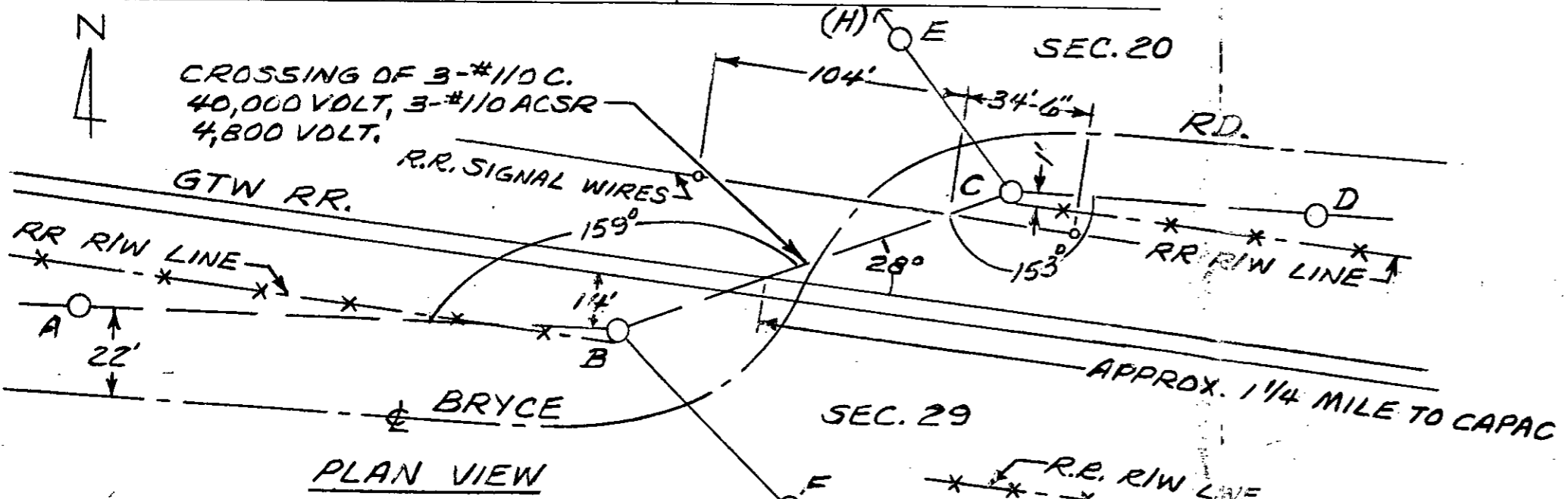
LOOKING SOUTH

POLE B

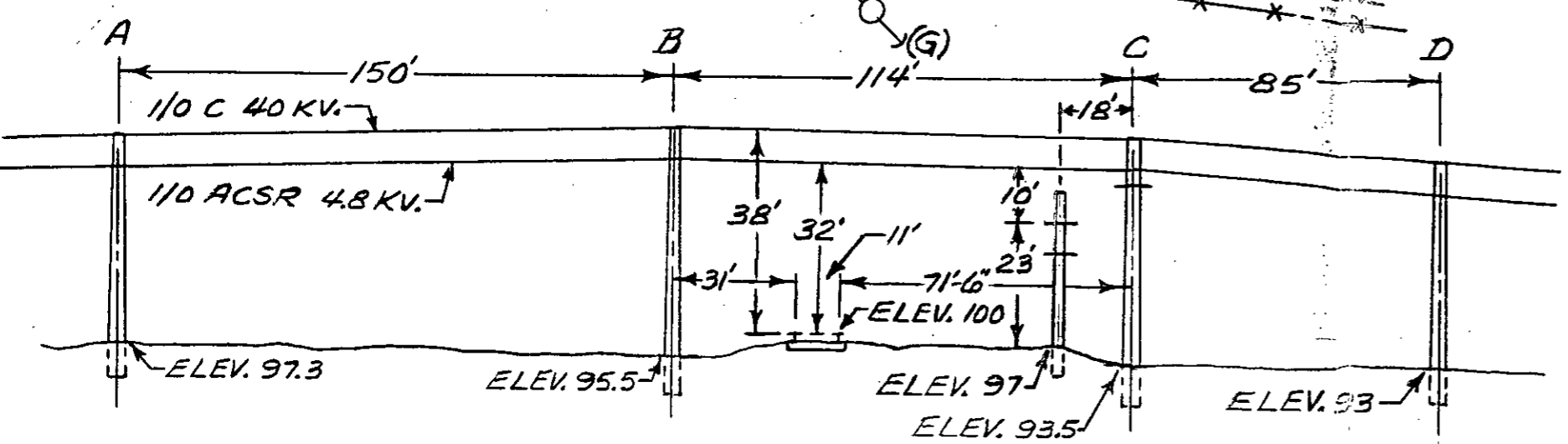


ELEV. LOOKING NORTHEAST

ELEV. LOOKING NORTHEAST



PLAN VIEW



ELEVATION LOOKING NORTHWEST

RECORDED RIGHT OF WAY NO. 34636 P115

RECORDED RIGHT OF WAY NO. 34636-119

P 027 666 817

RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

Sent to	Mr. W. DeMasters Engineer of Surveys & Const.		
Street and No.	Grand Trunk West Bldg. 1333 Brewery Park Blvd.		
P.O., State and ZIP Code	Detroit, MI 48207-2699		
Postage	\$		
Certified Fee			
Special Delivery Fee			
Restricted Delivery Fee			
Return Receipt showing to whom and Date Delivered			
Return Receipt showing to whom, Date, and Address of Delivery			
TOTAL Postage and Fees	\$		
Postmark or Date	5-19-92		

PS Form 3800, June 1985

PS Form 3811, November 1990 * U.S. GPO: 1991-287-066 **DOMESTIC RETURN RECEIPT**

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back, if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt Fee will provide you the signature of the person delivered to and the date of delivery.

3. Article Addressed to: Mr. W. DeMasters
Engineer of Surveys & Const.
Grand Trunk West Bldg.
1333 Brewery Park Blvd.
Detroit, MI 48207-2699

4a. Article Number: P 027 666 817

4b. Service Type: Registered Insured
 Certified COD
 Express Mail Return Receipt for Merchandise

5. Signature (Addressee): [Signature]

6. Signature (Sender): [Signature]

7. Date of Delivery: 5-21-92

8. Addressee's Address (Only if requested and fee is paid):

1. Addressee's Address

2. Restricted Delivery

3. Consult postmaster for fee.

4. I also wish to receive the following services (for an extra fee):