

Name of Company

The Detroit Edison Company

Name and Location of Crossing

Over the P.M.R.R. in Meridian Rd., 72' north of Meridian Depot,  
S.W. 1/4 Sec. 32, Town 4 north, Range 1 east, Williamston  
Twp., Ingham County, Michigan.

Circuits

Proposed one 4800 volt, 60 cycle, 3 wire, 3 phase distribution  
circuit.

Proposed one 120/240 volt, 60 cycle, 3 wire, single phase  
circuit.

Poles

Poles (B), (C) 50' Idaho Cedar 28" top circumference 47" butt  
circumference at ground line set 7' in clay soil.

Poles (A), (D) 45' Idaho Cedar 28" top circumference 46" butt  
circumference at ground line set 6'-6" in clay soil.

Guys and Guy Attachments

One 1/2" Guy from pole (A) 41' above ground to anchor (L) 45'  
from butt of pole (B).

One 1/2" Guy from pole (C) 41' above ground to anchor (R) 45'  
from butt of pole (D).

All Guy wire double galvanized stranded steel with a minimum  
ultimate strength of 55,000 lbs. per square inch.

Cross Arms

Proposed two 3" x 4" x 96" Douglas Fir double cross arms  
per pole.

Conductors

Proposed 3 #2 A.C.S.R. wires.

Proposed 3 #2 Edison hard drawn solid T.S.C. copper wires.

*Blanket  
covered*

*973  
SLP  
2/20/27*

RECORDED RIGHT OF WAY NO.

33322  
1989

LIST A SHEET TO ACCOMPANY  
RAILROAD CROSSING DRAWINGS

Guy Clamps

One 1 5/8" x 6" three bolts galvanized steel clamp at each end, for 3/8" and 5/16" guys.  
Two 1/2" Crosby guy clamps at each end, for 1/2" guys.

Guy Insulators

Two O.B. #26500 - 3 1/2" porcelain interlocking strain type insulators on 3/8" and 5/16" guys for 24,000 volt circuits and one per guy for lower voltages.  
Two O.B. #25009 - 4" porcelain interlocking strain type insulators on 1/2" guys for 24,000 volt circuits and one per guy for lower voltages.

Guy Anchor

Four Blade "Everstick" on 1/2" Guys buried 7' deep.  
8" Cone on 3/8" and 5/16" guys buried 6' deep.

Anchor Rods

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

Cross Arms Attachments

5/8" Galvanized steel center bolts.  
5/8" Galvanized steel spacer bolts.  
4" x 4" treated pine space blocks.  
1/4" x 1" x 28" flat galvanized steel braces.  
3/8" galvanized steel bolts at arm end of braces.  
1/2" x 5" galvanized steel lag screws at pole end of braces.

Pins

1 1/2" x 14" x 1 3/8" locust pins for 24,000 volt circuits.  
1 1/2" x 10-1/8" x 1" locust pins for all other circuits.

Insulators

One O.B. #11623 pin type and four Locke #8049 disc type insulators per wire, per crossing pole on 24,000 volt circuits. (One O.B. #11623 and two Locke #8049 for dead ends).  
Two O.B. #12847 porcelain pin type insulators per wire, per crossing pole for 4,800 volt, 2,400 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 pin type and two Colonial #11940 disc type insulators per wire for #0000 primary circuits and one #20 Hemingray glass pin type and two #25009 strain type insulators per wire for #0000 secondary circuits per crossing pole.

Ties

Standard top groove tie on 24,000 volt, 4,800 volt, 2,400 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.  
#6 soft, solid, weatherproof copper tie wires on all other circuits.

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-5544

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 28th

day of March in the year of our Lord

one thousand nine hundred twenty-nine

Secretary, Michigan Public Utilities Commission

MEW

RECORDED RIGHT OF WAY NO.

33222  
P89

2843

2843

STATE OF MICHIGAN  
BEFORE MICHIGAN PUBLIC UTILITIES COMMISSION

Standard Railroad Wire-Crossing Permit No. U-5544

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 **Pere Marquette Railway Company**

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 Williamston Township, )  
Ingham County, )  
Michigan:- )

In Meridian Road, 72 ft. N of  
Meridian depot, Sec. 32, with:

- 3 - #2 aluminum steel-cored wires, 4800 volts, 3-phase;
- 3 - #2 copper wires, 120/240 volt single-phase.

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 **28th** day of **March** A. D. 19 **29**.

MICHIGAN PUBLIC UTILITIES COMMISSION  
By

**JAMES BICE**

Chairman,

**ROBERT H. DUNN**

Commissioner,

**SAMUEL ODELL**

Commissioner,

Countersigned

**J. Carl Shell**

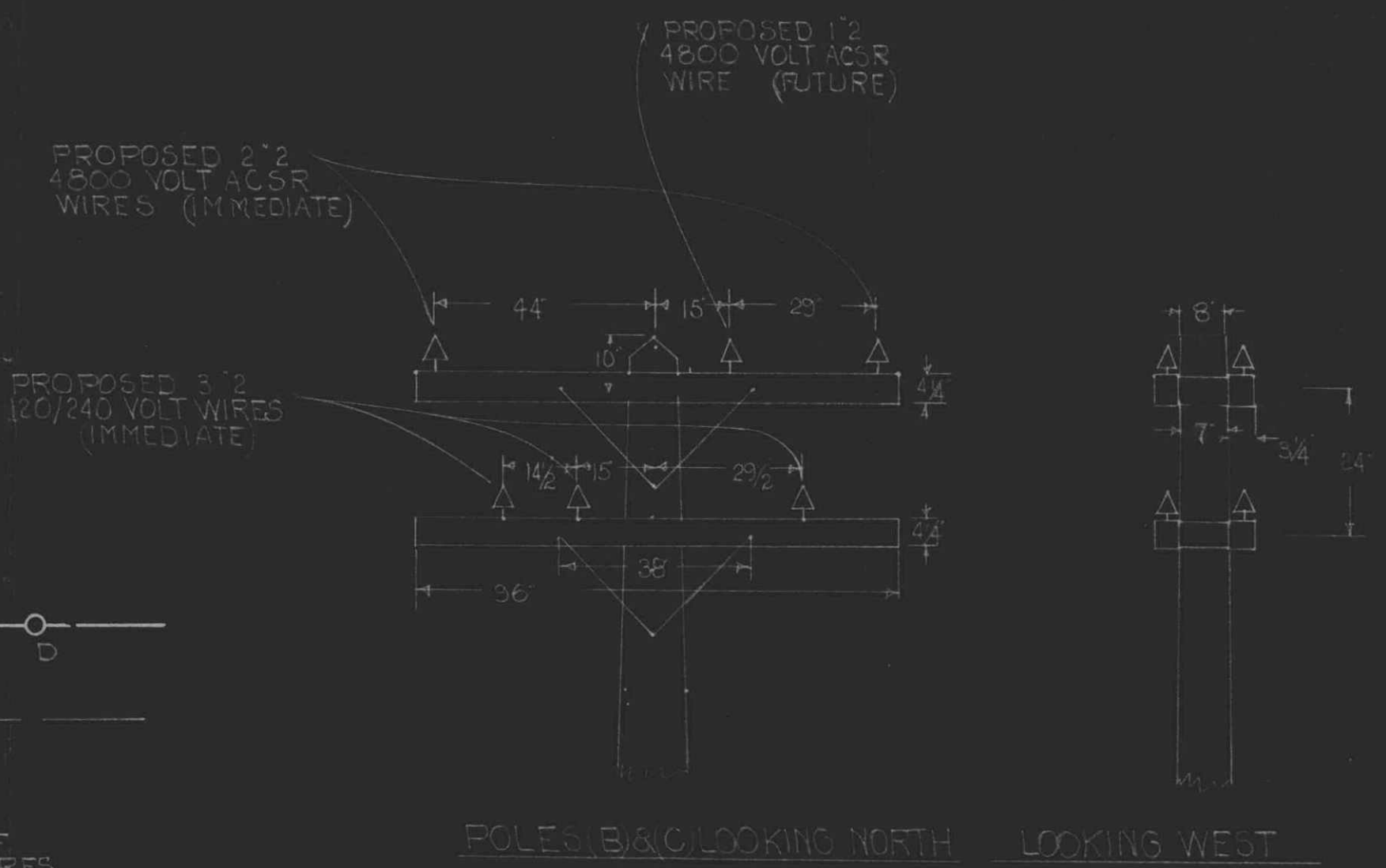
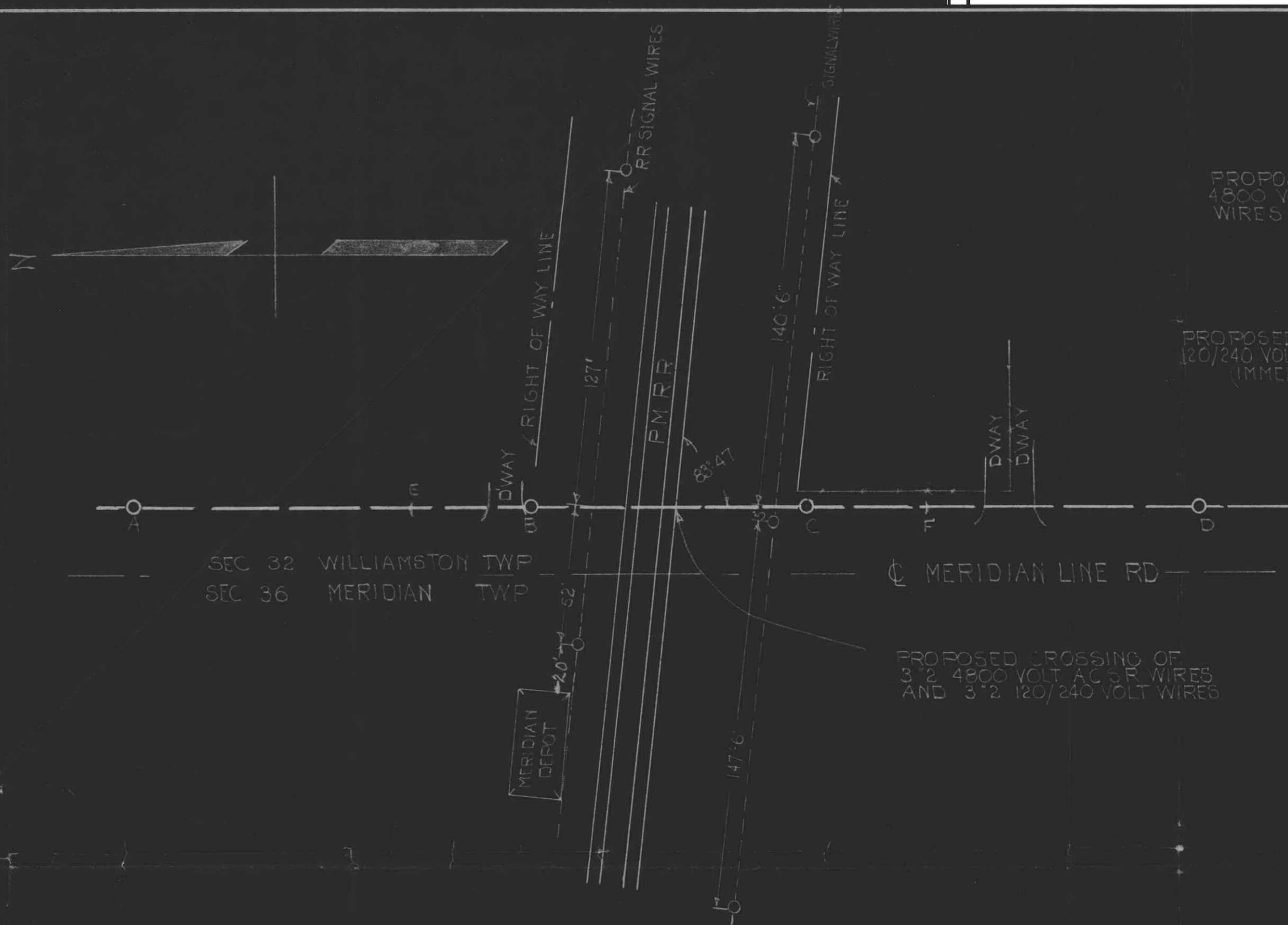
Secretary

Commissioner,

Commissioner.

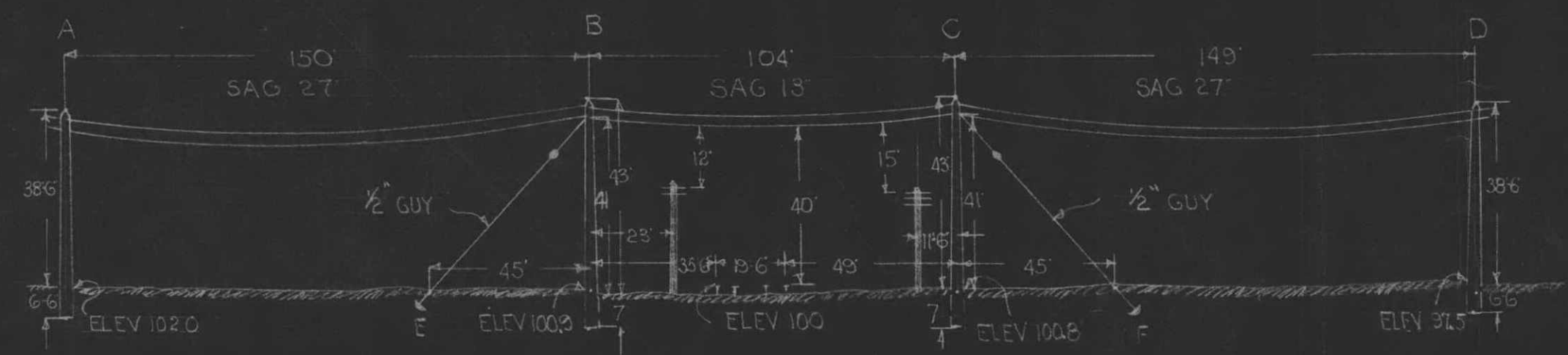
RECORDED RIGHT OF WAY NO. 33222  
1929

Bx 955



PROPOSED CROSSING OF  
3\*2 4800 VOLT ACSR WIRES  
AND 3\*2 120/240 VOLT WIRES

PLAN OF CROSSING



ELEVATION OF CROSSING LOOKING EAST

PURPOSE OF LINE  
EXTENSION OF DISTRIBUTION  
SERVICE

RECORDED ROW FILE #  
R33222P89

APPROVED  
FOR  
MICHIGAN PUBLIC UTILITIES  
COMMISSION  
*J. B. ...*  
CHIEF ENGINEER  
FILE 0-5544 DATE MAR 23 1929

CITY \_\_\_\_\_  
COUNTY INGHAM  
TOWNSHIP WILLIAMSTON  
SURVEY NO. OF TWP 4 NORTH  
RANGE NO. 1 EAST  
SECTION NO. SW/4 SEC 32

THE DETROIT EDISON CO.  
PLAN SUBMITTED TO MICH.  
PUBLIC UTILITIES COMMISSION  
FOR 4800 VOLT CROSSING  
OVER PMRR  
DRAWN BY EFH DATE 3-18-29  
CHECKED BY *EB* DATE 3-18-29

H.C. DAVIES NORTHVILLE

RECORDED RIGHT OF WAY NO. 33222

P89

RECORDED  
MAY 29 1969  
COUNTY OF HARRIS  
REGISTERED

RECORDED  
MAY 29 1969  
COUNTY OF HARRIS  
REGISTERED