Form 4-a—1-24-35—6M

STATE OF MICHIGAN

Office of the Michigan Public Utilities Commission, } ss.

I, Clarke W. Brown, Secretary of the Michigan Public Utilities Commission

Do Hereby Certify, That I have compared the annexed copy of Permit No. ED2-8-115

with the original Permit

recorded in File No. ED2-8-115

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 20th day of May in the year of our Lord one thousand nine hundred thirty-five

Clarke W. Brown
Secretary, Michigan Public Utilities Commission

RECORDED RIGHT OF WAY NO. 34637 p28

3827

3827

Form 14

STATE OF MICHIGAN
BEFORE MICHIGAN PUBLIC UTILITIES COMMISSION

Standard Railroad Wire-Crossing Permit No. ED2-S-115

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

Pursuant to Act No. 171 of the Session Laws of 1893, 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

Wabash Railroad 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 road 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 Milan Township, Monroe Coutny, Michigan : - -	In Dennison Road in East ½ of Section 17, T-5-S, R-6-E, with: 2 - #2 A.C.S.R. wires at 4500 volts.

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.

RECORDED RIGHT OF WAY NO. ____

Given under our hands and the Official Seal of this Commission at the City of Lansing, State of Michigan, this 20th day of May A. D. 19 35

MICHIGAN PUBLIC UTILITIES COMMISSION
By

William M. Smith
Chairman,

James B. Balch
Commissioner,

Robert H. Dunn
Commissioner,

Paul W. Voorhies
Commissioner,

Harold J. Faples
Commissioner.

Countersigned

Clarke W. Brown
Secretary.

Rx 1483

DATA SHEET TO ACCOMPANY DRAWING RX 1483

Name of Company
The Detroit Edison Company.

Name and Location of Crossing
Over the Wabash R.R. in Dennison Road(or Section Line Road), east ½ of Section 17, Township 5 south, Range 6 east, Milan Township, Monroe County, Michigan.

Circuits
Proposed one 4800 volt, 60 cycle, 2 wire, single phase, distribution circuit.

Poles
Poles(A)(D) 35' Southern Pine, 17" top circumference, 27½" butt circumference at ground line set 6' in clay soil.
Pole(B) 40' Southern Pine, 23" top circumference, 37" butt circumference at ground line s et 6'- 6" in clay soil.
Pole(C) 45' Southern Pine, 23" top circumference, 38½" butt circumference at ground line set 6'- 6" in clay soil.

Guys and Guy Attachments
One 5/16" Copperweld Guy from Pole(B) to Pole(C).

Cross Arms
Proposed one 3¼"x 4¼"x 96" Douglas Fir, double cross arm per crossing p ole.

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

Blanket Waiver

RECORDED RIGHT OF WAY NO. 34637-
220

Guy Clamps

Serve 5/16"x 3/8", 1/2" and 6M guys at pole end.
One 3-bolt clamp at anchor end on 5/16" and 3/8" guys.
Two 7/16" U-bolt clamps at anchor end of 1/2" & both ends of 16M guys.
Two 3-bolt clamps at both ends of 5/16" copperweld guys.

Guy Insulators

O.B. #26500 (or equivalent) in 5/16", 3/8" and 6M guys.
O.B. #25009 (or equivalent) in 1/2", 10M, and 5/16" copperweld guys.
Two insulators per guy for 24,000 volt circuits, and one per guy for distribution circuits.

Guy Anchors

On 5/16", 3/8" and 6M guys - 8" cone anchor set 5-1/2' deep.
On 10M, 1/2" steel, and 5/16" copperweld guys - 8" expanding anchor set 7-1/2' deep.
On 16M guy, one concrete anchor (8 cu. ft. concrete) 6-1/2' deep.

Anchor Rods

On 5/16", 3/8" and 6M guys - 5/8"x 6' round galvanized steel.
On 1/2", 5/16" copperweld, 10M, 16M - 3/4"x 8' round galvanized steel.

Cross Arm Attachments

Center bolts and spacer bolts - 5/8" galvanized steel.
Spacer blocks - 4"x 4" treated pine.
Braces - 1"x 2-1/2"x 30" treated yellow pine for 24,000 volt circuits.
Braces - 1/4"x 1-1/4"x 28" galvanized steel for all other circuits.
Brace bolts - 3/8" galvanized steel bolts at arm and 1/2"x 5" lag screws at pole.

Pins

Locust 1-3/4"x 13-3/4"x 1-3/8" on arms and 3-3/4"x 3-3/4"x 17" pole top for 24,000 volt circuits.
Locust 1-1/2"x 9"x 1" on 3-1/4"x 4-1/4" arms, and 1-3/4"x 10"x 1" on 3-3/4"x 4-3/4" arms, for all other circuits.

Insulators

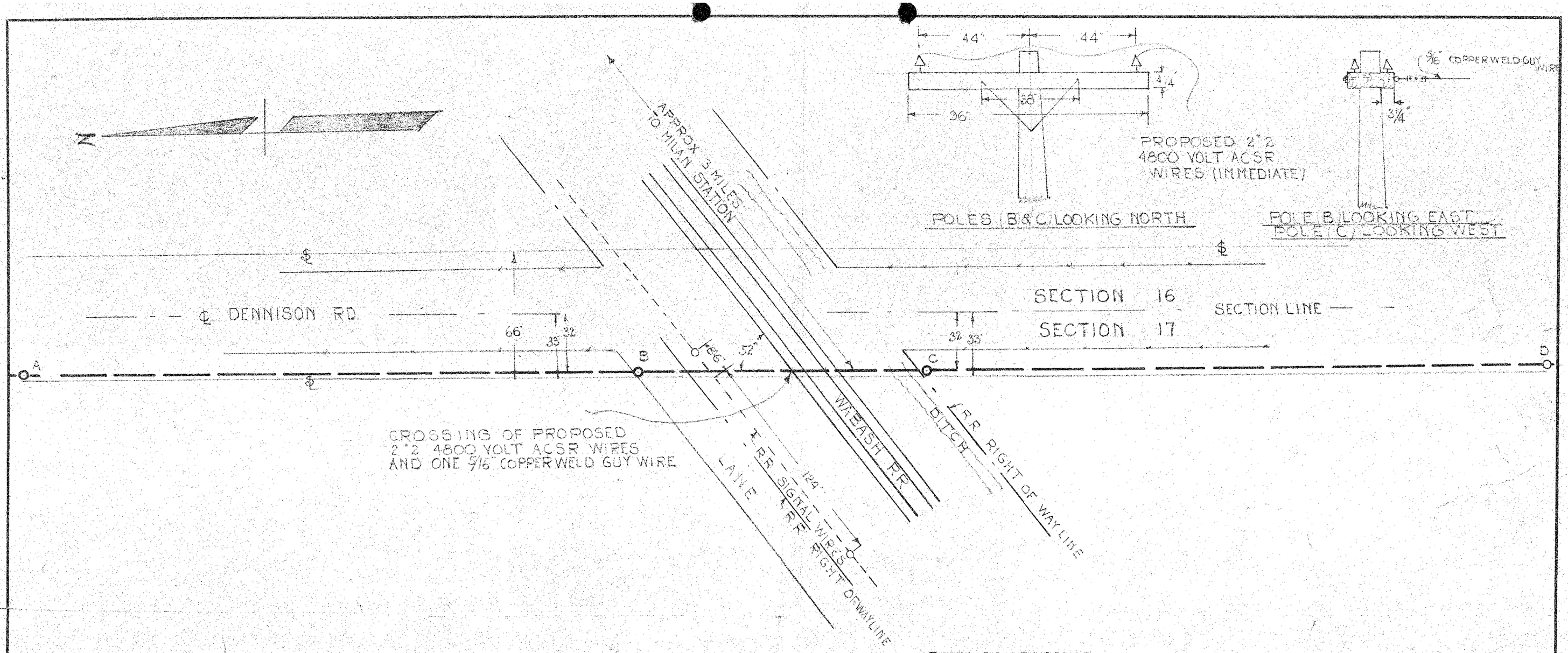
24 kv. circuits - one O.B. #11623 (or equivalent) porcelain pin type and six Thomas #1162 (or equivalent) disk type for dead-end construction, or two O.B. #11623 (or equivalent) for double pin construction.
4800 volt, series lighting, and private telephone circuits - two O.B. #12847 (or equivalent) pin type per wire.
120-240 volt circuits - two Hemingray #20 (or equivalent) glass pin type per wire.

Note

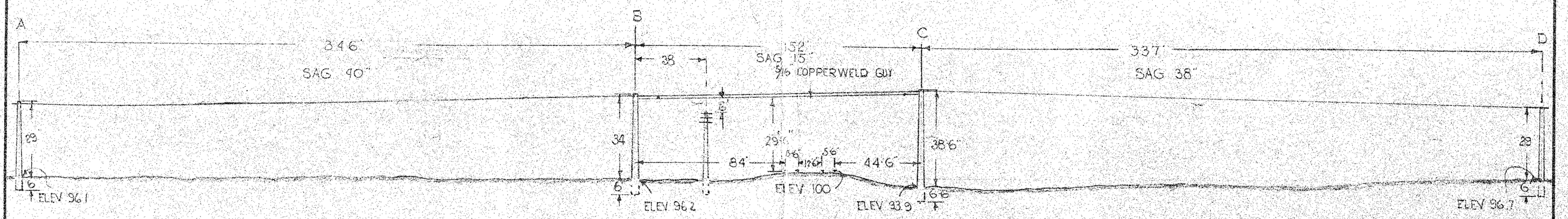
For strain type construction - on 4800 volt and series lighting circuits, two Lapp #6810 (or equivalent) strain insulators and one O.B #12847 (or equivalent).
On 120-240 volt circuits - two O.B. #25009 (or equivalent) strain and one Hemingray #20 (or equivalent) glass pin type.

Ties

Standard top groove tie on 24,000 volt, 4800 volt series lighting and private telephone circuits.
Standard side groove tie on 120-240 volt circuits.
Tie wire - #8 soft bare copper on 24,000 volt, and bare telephone wires. #6 or #8 soft solid weatherproof copper for all conductors having weatherproof covering.
Aluminum armour rods and #10 galvanized iron tie wire for A.C.S.R. conductors.



PLAN OF CROSSING



PURPOSE OF LINE
EXTENSION OF RURAL DISTRIBUTION

APPROVED
MICHIGAN PUBLIC UTILITIES COMMISSION
Ray Kittolland
E.H.2-8-115
DATE MAY 20

ELEVATION OF CROSSING LOOKING EAST

CITY
COUNTY MONROE
TOWNSHIP MILAN
SURVEY NO. OF TWP. 5 SOUTH
RANGE NO. 6 EAST
SECTION NO. EAST ½ SECTION 17

THE DETROIT EDISON COMPANY
PLAN SUBMITTED TO MICHIGAN PUBLIC UTILITIES COMMISSION
FOR 4800 VOLT CROSSING
OVER WABASH RR
DRAWN BY E.E.H. DATE 5-13-35
CHECKED BY [illegible] DATE 5-14-35

O. STEWART ANN ARBOR

DRAFTING & SURVEYING BUREAU RX # 1483