

**DETROIT EDISON
CORPORATE REAL ESTATE SERVICES**

AT TIME OF SCANNING, RIGHT OF WAY DOCUMENT(S) WERE NOT AVAILABLE

RECORDED RIGHT OF WAY NO. 26809

INTERDEPARTMENT CORRESPONDENCE

September 10, 1970

Memorandum to: Records Center

120 KV River Rouge-Maxwell and
Maxwell-Navarre Overhead Transmission Lines

Attached are the following materials for permanent retention in Company records:

1. A copy of a letter from Mr. Claude H. Bradford, General Superintendent of the Public Lighting Commission, to me dated August 17, 1970.
2. A copy of my letter of August 21, 1970, to Mr. Claude H. Bradford.
3. A copy of Mr. Claude H. Bradford's letter of August 28, 1970, to me.
4. A copy of Mr. George Hogg's letter of September 2, 1970, to Mr. John E. Cross, Assistant Corporation Counsel.
5. A copy of my letter of September 9, 1970, to Mr. Claude H. Bradford.
6. Prints No. ED-4-6987, ED-2-7011, ED-6883, ED-3-6882, ED-2-7049, RX-4050, RX-3926, RX-3923, RX-3922, RX-3925, ED-4-6992, ED-6902, and ED-6901, which grant us a temporary permit for five years for these lines.

C. F. Ogden

att. (18)

- cc: H. C. Reasoner
A. B. Harris
C. M. Heidel
B. H. Schneider
J. S. Wenger

- J. G. Mudie
H. A. Fischer
George Hogg

RECORDS CENTER
RECEIVED SEP 25 '70
TICKLER MADE
CLASSIFIED

RECORDED RIGHT OF WAY NO. 36409

THE DETROIT EDISON COMPANY

2000 SECOND AVENUE
DETROIT, MICHIGAN 48226

September 9, 1970

Mr. Claude H. Bradford
General Superintendent and
City Electrician
Public Lighting Commission
174 E. Atwater Street
Detroit, Michigan 48226

Re: 120 KV River Rouge-Maxwell
and Maxwell-Navarre Overhead
Transmission Lines

Dear Mr. Bradford:

We have been advised by our attorney, George Hogg, Jr., that you are prepared to issue a permit authorizing the completion of construction of the above lines upon receiving a written commitment from The Detroit Edison Company with respect to two matters involved in the construction. Accordingly and to expedite the issuance of the permit, I can assure you that:

1. The Detroit Edison Company agrees to indemnify and hold harmless the City of Detroit from any loss, damage, or liability by litigation and judgment that may be suffered or incurred by the City of Detroit arising from and caused by reason of the wrongdoing or negligence of The Detroit Edison Company in the construction, operation, or maintenance of the above 120 KV transmission lines of Detroit Edison.

2. The Detroit Edison Company hereby agrees to correct itself, or in the alternative to reimburse the City of Detroit for all reasonable and necessary expenses incurred by the City that are necessary to eliminate any interference on the city-owned communication system that is caused by the construction, operation, and maintenance of the above 120 KV transmission lines of Detroit Edison.

We have been assured by our counsel that your request for the two foregoing commitments is reasonable.

As you know, it is urgent that we finish construction of these two 120 KV lines and we would appreciate your issuance of the permit directly upon receipt of this letter. We have ceased construction during the period of controversy and we hope to put the crews back to work immediately following the issuance of the permit.

As you have requested, we enclose herewith one additional set of plans and specifications for the construction of these lines.

Yours very truly,



C. F. Ogden
Administrative Vice President

CFO:mc
Enclosure

RECORDED RIGHT OF WAY NO. 26409

HARVEY A FISCHER
LAURENCE M. SPRAGUE
LEO I FRANKLIN
RICHARD FORD
LEON R JONES
JUSTIN C. WEAVER
DAVID G BARNETT
JOHN R. MANN
EDWARD B. HARRISON
GERALD C SIMON
GEORGE HOGG, JR
GEORGE H MEYER
RALPH H HOUGHTON, JR
FRANCIS E BENTLEY
MICHAEL D. UMPHREY
PAI D CONNER
THOMAS F SWEENEY
GEORGE A LEININGER, JR

FISCHER, SPRAGUE, FRANKLIN & FORD
Attorneys and Counsellors

1100 COMMONWEALTH BUILDING / DETROIT, MICHIGAN 48226
TELEPHONE (313) 962-5210

MILES H KNOWLES
HAROLD W. HANLON
OF COUNSEL

BLOOMFIELD HILLS OFFICE
74 W LONG LAKE ROAD
SWANSON BUILDING
BLOOMFIELD HILLS, MICH. 48013
TELEPHONE (313) 642-0210

September 2, 1970

Mr. John E. Cross,
Assistant Corporation Counsel,
10th Floor, City-County Building,
Detroit, Michigan 48226.

Re: The Detroit Edison Company
Application to Construct 120KV
Overhead Transmission Line
Rouge-Maxwell and Maxwell-
Navarre Lines

Dear Mr. Cross:

Mr. C. F. Ogden, Administrative Vice-President of The Detroit Edison Company has referred to me Mr. Claude H. Bradford's letter of August 28, 1970 to him in response to the application of The Detroit Edison Company dated August 21, 1970 to construct the above overhead transmission lines with overhead crossings of certain streets in the City of Detroit in accordance with the plans and specifications submitted on that date.

In the interest of expediting the completion of this transmission line, The Detroit Edison Company requests the issuance of the permit for the completion of the construction of this line, reserving however its rights to contest the validity of the conditions of the permit.

As I advised you, the poles and towers for this line have been substantially completed and the only work remaining to be done is the stringing of the cables which must be accomplished at a very early date in order to provide service to the new Peerless Cement plant in that area.

We appreciate your cooperation in securing the early issuance of the permit from the Public Lighting Commission.

Yours very truly,

GH:ab

cc: Mr. C. F. Ogden ✓

RECORDED RIGHT OF WAY NO. 36469

City of Detroit

ROMAN S. GRIBBS, *Mayor*

PUBLIC LIGHTING COMMISSION

174 E. ATWATER STREET

DETROIT, MICHIGAN 48226

TELEPHONE: 962-6329

CLAUDE H. BRADFORD, P.E.
*General Superintendent and
City Electrician*

CARL F. KRYSKALLA, P.E.
Asst. General Superintendent

WM. ANGELUCCI
Secretary

COMMISSIONERS

WILLIAM J. RUSHFORD
President

CARL W. CARLSON

MAX J. WITKOWSKI

August 28, 1970

Mr. C. F. Ogden,
Administrative Vice-President
Detroit Edison Company
2000 Second Avenue
Detroit, Michigan

Dear Mr. Ogden:

I am sure you are well aware of the widespread legislative movement to place overhead lines underground -- the recently enacted statute of the State of Michigan relative to the undergrounding of new line extensions involving 15,000 volts to ground is one case in point. Action by the City of Wixom regarding overhead lines is also, I believe, well known to you.

Furthermore, it has been a long standing policy of the Public Lighting Commission to restrict overhead line extensions in the voltage range above 7200 volts with the City of Detroit in the public interest and to require the placement of lines involving higher voltages in underground conduits. The PLC has always done this as far as its 24,000 volt system is concerned so that we do not feel we are unreasonable in requiring the Detroit Edison Company to follow the same standards.

I am particularly concerned that the Detroit Edison Company apparently feels that the City has no jurisdiction over the erection of overhead lines across public streets when the City of Detroit Code outlines quite clearly and in great detail the authority and responsibility of this Commission in these matters. Furthermore, according to the Code, the City has the right where it deems it to be in the public interest as a condition for the issuance of a permit to require underground construction. We certainly feel that the public interest is vitally affected if in the present instance a railroad derailment results in the overturning of a high tension tower; or if multiple lightning strokes results in a "hot tower", with resultant injury to a child who may be playing around the tower; or if a line falls as a result of the destruction of insulator strings by vandals. We furthermore question the adequacy of clearance above the street lighting standards on the high level bridge.

RECORDED RIGHT OF WAY NO. 26409

Page 2

If under system fault conditions these lines are required to take overloads, particularly during hot summer days, the sag could easily bring these lines dangerously close to workmen servicing these lights, as well as to the general public.

In addition, we have experienced maintenance and operational problems on our police and fire communication circuits located in the vicinity of high voltage lines. Thus considerable expense would be incurred by the City to provide adequate shielding in the affected locations.

In another area the potential radio and television interference incurred by residents along the tower line right-of-way could pose another serious problem.

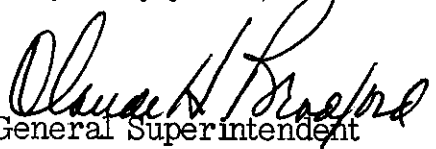
I have not even mentioned the problem of environmental or aesthetic pollution which is of increasing concern to the community.

In consideration of all these problems as they relate to the public interest, as well as to the urgency to provide service to your customers we will grant a temporary permit, without precedent, only if the following conditions are met:

- x'
1. Lines will be subsequently placed underground where they will cross public right-of-way.
 2. A performance bond in the amount of \$1,000,000.00 be posted with the City to indemnify the City for all damages, including court costs assessed against the City in connection with any litigation arising out of the operation of this high tension line.
 3. Full payment to the City for all work deemed necessary by the City to eliminate interference on City-owned communication systems.

We believe that these conditions are imperative to protect the public interest.

Very truly yours,


General Superintendent
Public Lighting Commission

RECORDED RIGHT OF WAY NO. 26469

THE DETROIT EDISON COMPANY

2000 SECOND AVENUE
DETROIT, MICHIGAN 48226

August 21, 1970

Mr. Claude H. Bradford
General Superintendent and
City Electrician
Public Lighting Commission
174 E. Atwater Street
Detroit, Michigan 48226

Re: 120 KV River Rouge-Maxwell and Maxwell-
Navarre Overhead Transmission Lines

Dear Sir:

As a result of conferences between representatives of The Detroit Edison Company and yourself and other representatives of the City of Detroit Public Lighting Commission, we have enclosed herewith plans and specifications showing a route of our 120 KV River Rouge-Maxwell and Maxwell-Navarre electric transmission lines.

As we have advised you, the construction of these lines is necessary to serve the increased load for electric service in the immediate area, particularly the Peerless Cement plant. It is also required as an essential link in The Detroit Edison Company transmission system required to serve other loads in the City of Detroit. Of these needs the Peerless Cement load is the most immediate and we will be required to have the line completed by September 15, 1970.

This line is being constructed in accordance with standards exceeding the requirements established by the Michigan Public Service Commission. As you will note, wherever possible, the line is being constructed with steel poles and only where necessary have we installed angle towers.

Our counsel has advised us that the City Code is not clear with respect to requiring a permit for the construction of a line such as the subject line herein, but in order to expedite matters and in order to exhaust possible administrative procedures, we are requesting all the appropriate city permits necessary for the construction of this line, all without prejudice, of course.

Yours very truly,



C. F. Ogden
Administrative Vice President

CFO:mc
Enclosure

RECORDED RIGHT OFF WAY NO. 26409

City of Detroit

JEROME P. CAVANAGH, *Mayor*
PUBLIC LIGHTING COMMISSION
174 E. ATWATER STREET
DETROIT, MICHIGAN 48226
TELEPHONE: 962-6329

COMMISSIONERS
MAX J. WITKOWSKI
President
WILLIAM J. RUSHFORD
Vice President
CARL W. CARLSON

CLAUDE H. BRADFORD
*General Superintendent and
City Electrician*
CARL F. KRYSKALLA
Asst. General Superintendent
WM. ANGLUCCI
Secretary

August 17, 1970

Mr. Chester F. Ogden
Administrative Vice-President
Detroit Edison Company
2000 Second Avenue
Detroit, Michigan 48226

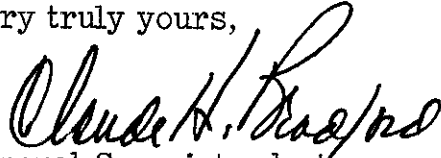
Dear Sir: RE: 120,000 V. SERVICE TO PROPOSED MAXWELL SUB.

It has come to our attention that the Detroit Edison Company is in the process of constructing an overhead 120,000 volt line (which will eventually be operated at 230,000 volts) which will cross Fort Street, Dearborn and Barron Streets. Since work is being done without a permit from the City Electrician in violation of the City of Detroit code, please regard this letter as formal notification from the City of Detroit to the Detroit Edison Company to immediately cease and desist unless application is made within forty-eight hours from the date of this letter for a permit to perform this work.

The conditions under which a permit will be granted are as follows:

1. A temporary 5-year permit will be granted in view of the commitments for service already made by the Detroit Edison Company to their customers.
2. The overhead lines which will cross the above mentioned streets must be placed in underground conduits at least within the rights-of-way of these streets within a period of five years from the date of approval of the above mentioned temporary permit.

Very truly yours,

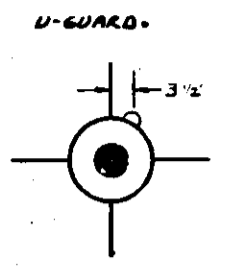

General Superintendent
Public Lighting Commission

cc: Messrs. Glusac, Hodge, and Berrarducci

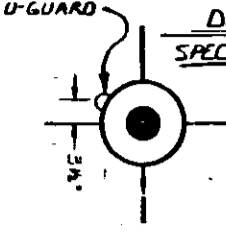
RECORDED RIGHT ON MAY NO. 36409



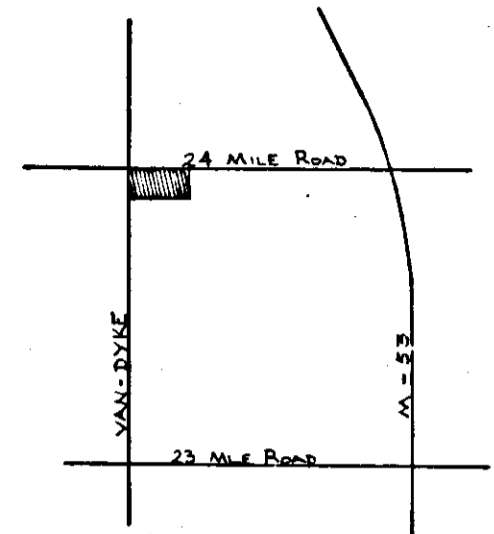
DETAIL C.P.#1
SPECS-K321,J2F2,J21



DETAIL C.P.#2
SPECS-K321,J2F2,J21



- CODE**
- PAD ADJUT TRANSFORMER
 - PAD ADJUT TRANSFORMER WITH SWITCHING
 - SEC. NDARY PEDESTAL
 - PRIMARY SWITCH CABINET
 - CAS E POLE
 - SEC. NDARY TERMINAL
 - DISTRIBUTION TRANSFORMER DOOR OPENING
 - O.P. LIGHT FIXTURE
 - BU-FED PRIMARY CABLE - ALL VOLTAGES
 - BU-FED SECONDARY MAIN OR O.P.L. CABLE
 - JET-OIT EDISON TRENCH ONLY
 - M.T. CO. TRENCH ONLY
 - PROPOSED CONDUIT
 - SF: ER
 - WA: ER
 - CA: ER
 - BU-FED CUSTOMER CABLE



UG SBY 41-2

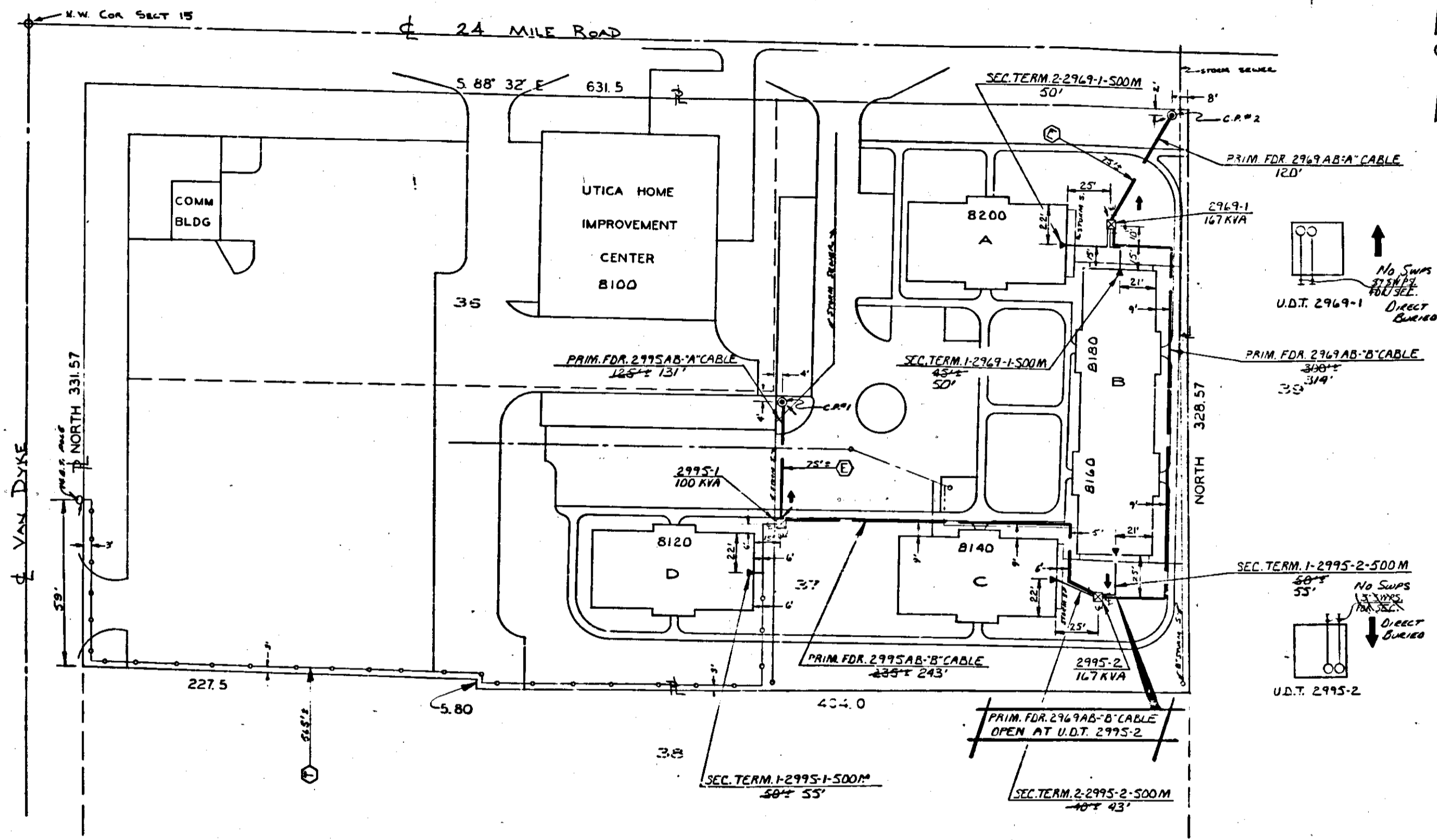
TITLE BLOCK

D.D. 210739
 W.D. 3278423
 FOREMAN KLIMBAL
 START 11-3-70
 FINISH 11-6-70
 LABOR D.E.CO.
 NOTES KLIMBAL
 SUPERVISOR DAVIS
 RECORDS SZOSTEK

NOTES

1. D.E.CO. TO DO ALL TRENCHING & BACKFILLING.
2. ALL TRENCH & CABLE LENGTHS ARE APPROXIMATE.
3. FOR ENTRANCE POINT METHOD SEE CSD 475-2 DET. C.
4. FOR TRENCHING DETAILS SEE SPECS K-10-JU DET. B FOR PRIMARY & R-10-JU DET. A FOR SECONDARY.
5. D.E.CO. SERVICE PLANNER: R. JACKMAN, 162 S. GRATIOT, MT. CLEMENS. PHONE-463-1511 EXT. 269.
6. D.E.CO. CONSTRUCTION SUPERVISOR: T. DAVIS, 1901 SECOND AVE. RM. 136, DETROIT. PHONE-962-2100 EXT 3018.
7. M.B.T. PLANT ENGINEER: C. SEELEY, 133 S. GRATIOT, MT. CLEMENS. PHONE-463-9600.
8. CONTACT CONSUMERS POWER COMPANY PRIOR TO CONSTRUCTION FOR GAS MAIN LOCATIONS. PHONE-777-1000 EXT 357.
9. M.B.T. CONSTRUCTION SUPERVISOR: E. DIKEMAN-468-7936.

CALL JIM CLARK BEFORE ORDERING TRANSFORMERS. EXT. 52067



TRANSFORMER DATA

U.D.T. NO.	SIZE	ED. STR. NO.
2969-1	167 KVA	661-0504
2995-1	100 KVA	661-0503
2995-2	167 KVA	661-0509

* INDICATE SWITCHING TRANS. FOR TRANS PAD SEE DWG. UH-2367
TRANS SPECS
 100 KVA TRANS-K321, R18, R25
 167 KVA TRANS-K321, R18, L1, L2
 USE UND 1200 TYPE 201 FUSES

TRENCH SUMMARY

JOINT USE	620' x 43"
D.E. ONLY	150' x 113"
M.B.T. ONLY	545' x 165"
TOTAL	1315' x 136"

CABLE SUMMARY

ITEM NO.	#2 APEC X1 13.2 KV. 713-3029-780 x 808'
ITEM NO.	AP2-500 x 1-320 600 X. 713-0560-235 x 253'

PERMITS REQUIRED

SHELBY TOWNSHIP
(NOTIFICATION ONLY)

T.D. W.D. #3278423
M.B.T. JOB #6124

DIST. CIRC. 8090 DISCO 13.2 KV
ALL ELECTRIC APTS.

EASEMENTS INDICATED BY OUR CENTER LINES ARE 10' SIX FEET IN WIDTH UNLESS OTHERWISE NOTED

D	C	B	A	OTHER APPROVAL	DATE	BY	REVISION	STATION	PROJECT	THE DETROIT EDISON COMPANY
			REVISED TO SHOW AS INSTALLED JOB COMPLETE.					DISCO ESTATES		UNDERGROUND LINES DEPARTMENT
								PART OF N.W. 1/4 SECTION 15		
								LOTS 36 & 37 OF		
								SUPERVISORS FLAT OF DISCO		
								L17 P 12		
								SHELBY TWP. MACOMB CO.	112-4-2728	

SBY 41-2



RECORDED RIGHT OF WAY NO. 26362

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K
H
S
10