

May 4, 2004

Michigan Electric Transmission Company, LLC
C/O NSI Consulting & Development, Inc.
26657 Woodward Ave., Suite 100
Huntington Woods, MI 48070

Attention: Executive Vice President and Chief Operating Officer

SUBJECT: 4800 Volt/Single Phase Distribution Line
Reference No: 05884170/Gladwin Twp/Gladwin/Hall

REFERENCE: Amended and Restated Easement Agreement (the "Agreement") dated April 29, 2002, between Consumers Energy Company ("Consumers") and Michigan Electric Transmission Company, now Michigan Electric Transmission Company, LLC ("METC")

Pursuant to Section 7.1 of the Agreement, Consumers hereby notifies METC that Consumers intends to build a 4800 Volt distribution line on certain land in which METC has an interest under the Agreement. The location of the land on which said line will be constructed, and a further description of the intended use, are set forth on "Annex A", attached to this letter.

Under said Section 7.1 of the Agreement, METC must within 30 days of this notice notify Consumers, as "Initiating User," of whether or not METC approves the proposed use as a Compatible Use. If you do not notify us either way within 30 days of this notice, then, as provided in said Section 7.1, METC will be deemed to have approved the proposed use as being a Compatible Use. We would appreciate, however, receiving METC's express approval of the proposed use as being a Compatible Use as soon as possible so that we can start work without delay.

May 4, 2004

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This letter is being sent to you in duplicate. If METC agrees that the proposed use is a Compatible Use, please indicate that by signing and returning a copy of this letter to us as soon as possible, so that we can immediately proceed with construction. The other copy is for your records.

Very truly yours,



Stacie Lahr
Consumers Energy
One Energy Plaza
Jackson, MI 49201

APPROVED:

MICHIGAN ELECTRIC TRANSMISSION
COMPANY, LLC

By: 

Date: 6/1/2004

ANNEX A

Reference No. 05884170/Gladwin Twp/Gladwin/Hall

LAND TO BE IMPACTED:

Land located in the Township of Gladwin, County of Gladwin, State of Michigan, described as follows:

That part of the Southeast 1/4 of Section 13, Township 19 North, Range 1 West, lying North of Wagarville Road and East of Sugar River Trail.

PROPOSED USE:

To add a single phase, 4800 kV distribution line 12.5' below existing 138 kV transmission line. See attached 391 form and sketch.

Prepared by:
Stacie M Lahr 05/04/04
Consumers Energy Company
EP7-436
One Energy Plaza
Jackson, MI 49201

FIELD REVIEW FOR
COMPATIBLE USE OF RIGHT-OF-WAY
Request #05884170

METC # 67

May 27, 2004

Description

Consumers Energy Company (CE) sent a letter to Michigan Electric Transmission Company, LLC (METC) on May 4, 2004 asking for a distribution line to be added to an existing METC 138 kV wood pole line. Commonwealth Associates, Inc. (CAI) was contracted to do a field inspection of the area and to determine if code clearances would be maintained.

Results

The METC transmission line was identified as the Bard Road – Wirtz Road 138 kV Line. The proposed distribution line was to be attached to structure #912. The structure type is a standard single circuit 138 kV line structure type TL-E191C2-1 on two wood poles. This is a 15° angle structure. The structure is in good shape. The pole class sizes and spans were field verified and matched the plan profile and TRS190113. The proposed distribution underbuild to be attached is to attach to the left (south) pole of the two pole angle structure as a full dead end and then go underground to the home of Kirk Louis.

A field review was done on May 25, 2004 by Conrad Olfier P.E. Structural calculations were done to prove the pole class was of adequate strength to withstand the new load applied by the distribution wires. Using Class B construction, the pole is adequate to carry the new distribution line. A guy will have to be added to structures at the distribution line point of the attachment and also is a common practice. The distribution line and guy will be attached at 12.5' below the conductor and 33.5' above grade.

There will be sufficient clearance between the 138 kV and distribution line. Based on our field review and calculations, we find no problems with attaching this distribution line to this section of this line.

Attachments

- Photos

If there are any questions concerning this review, please contact Rich Collins of Commonwealth Associates, Inc. at (517) 788-3971, email at rcollins@cai-engr.com.

Recv 4/28/04

CONSUMERS ENERGY
NOTIFICATION OF PROPOSED LINE CONSTRUCTION
REQUIRING COORDINATION WITH TRANSMISSION LINES

Send two (2) copies to:

Transmission Lines Design and Standards

Att: Justin Lancaster

Jackson, Michigan

TO BE FILLED IN BY SYSTEM OWNER / ENGINEER / CES
Headquarters <u>Gladwin</u>
Work Order No. <u>05884170</u>
Date <u>04/27/04</u>

PROPOSED DISTRIBUTION CONSTRUCTION

Sketch Attached Yes No

Primary:

Voltage 4800 Phase single

No. of Wires 2 Crossarms Per Pole 2

Wire Size #4 acsr Length of Crossarms 8'

Distance Below Transmission 12.5

Skip-Span Yes No

Secondary:

No. of Wires _____ Wire Size _____

Other Details:

TO BE FILLED IN BY TRANSMISSION LINES DESIGN AND STANDARDS OR METC
Engineering Required <input type="checkbox"/> Yes <input type="checkbox"/> No
Checked By _____ Date _____
GWO No. _____

EXISTING DISTRIBUTION FACILITIES

Description:

LOCATION

Township Gladwin County Gladwin

Section 13 Range 01

Transmission Line Involved Gallagher Bard Line #388

METC Line

Transmission Pole No. #912

REMARKS:

Prepared By Robert A Hall 246-2010 Date _____
System Planning and Performance / Electric Service

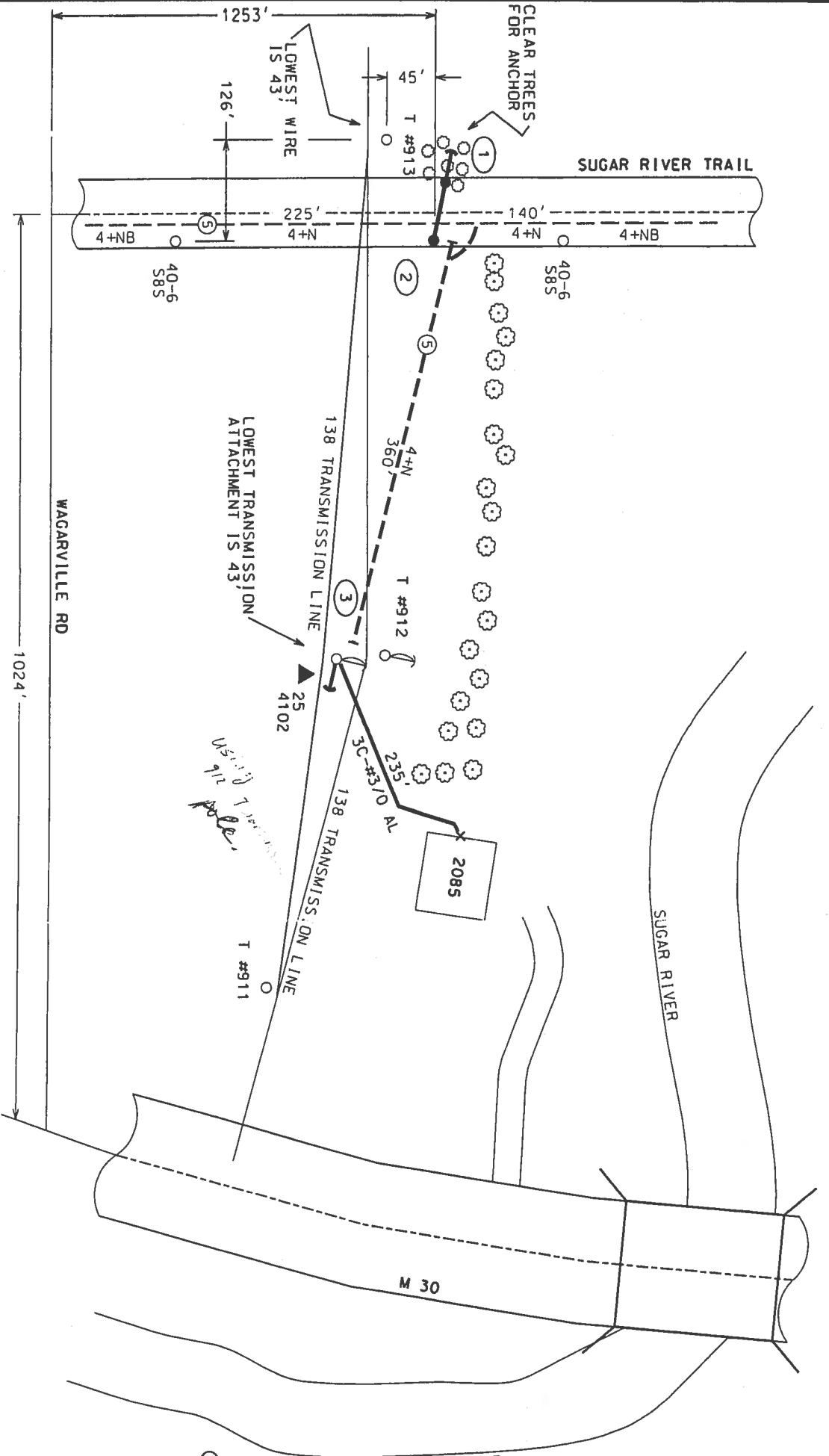
Approved By _____ Date _____
Transmission Lines Design and Standards

Approved By _____ Date _____
METC

METC lines are subject to the easement rights of METC. Your request has been forwarded to Real Estate for processing and will require a 30-day period prior to approval. Initiation of any construction activities without appropriate METC approval may require relocation or removal of the lines at your expense.



Photo showing the existing structure #912 looking west.



GLADWIN CO
GLADWIN TWP
T19 R01 SEC.13

- 1 INSTALL
35-6 SPAN GUY POLE
11K-F-G-P
PORCELIN INSULATOR TO BE
LOCATED 12' FROM PRIMARY POLE
11K-P-13-RS
- 2 INSTALL
40-6
DEAD END
FOR NEW PRIMARY SPUR
DEAD END TO BE MOUNTED
AT 30.5'
per 23-111
INSTALL
S8S BUCK ARM
FOR PRIMARY LINES
RUNNING NORTH & SOUTH
ARM SHOULD BE MOUNTED AT 21'
PER 23-229 ALSO INSTALL CAUTION
SIGN SOURCE ARM IS BELOW
LOAD ARM
INSTALL
STANDOFF FOR PRIMARY JUMPER
INSTALL
- 3
DEAD END D=8'
ON TRANSMISSION POLE #912
DE TO BE AT 30.5'
A = 12.5'
INSTALL
25 KVA LA/CO
per 26-101-1 fig. 3

-CONSTRUCTION CERTIFICATION-

Work was constructed as Engineered or Changed as Indicated.
All Salvageable Material Was Returned to Stores.

Signed _____ in Direct Charge of Work

Dates: Started _____ Completed _____

MISS DIG NUMBER: _____ DATE: _____

STAKED	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/>	NO			2085 M 30 For: KIRK LOUIS 2085 M 30 GLADWIN SUBSTATION SMALLWOOD		WD NO.	0138	TAX CODE	263202	REQUEST NO.	02487572				
TREES	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/>	NO					CIRCUIT		02		LCP NO.		0703	UTIL. TYPE	EO	CATEGORY
TLM NUMBER		# OF RDDS		OHMS	DESIGNED BY	DATE	APPROVED BY	DATE	SHEET	OF		SCALE	NONE					
1901134102					RAHAL L	04/26/04												