

DEC 7 9 1999

A CMS Energy Company

June 6, 2005

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: Single Phase, 4800 V Distribution line  
replacement.

Reference No: 06212551/Chase Twp/Lake/Lyonnais

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 distribution line  
on certain lands in which METC has an interest under the  
Agreement. The location of the lands on which said line will be  
constructed and poles replaced, 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.

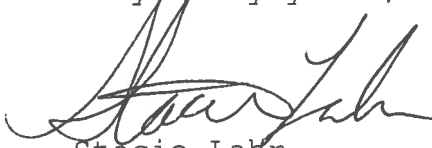
June 6, 2005

Page Two

Reference No: 06212551/Chase Twp/Lake/Lyonnais

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: \_\_\_\_\_

**APPROVED** JUL 01 2005

ANNEX A

Reference No. 06212551/Chase Twp/Lake/Lyonnais

LANDS TO BE IMPACTED:

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

**That part of the West 1/2 of Section 7, Township 17 North, Range 11 West lying parallel to State Road.**

PROPOSED USE:

**To build a single phase distribution line that crosses below an existing 138 kV transmission line. See attached 391 form and sketch.**

Prepared by:  
Stacie M Lahr 06/06/2005  
Consumers Energy Company  
EP7-436  
One Energy Plaza  
Jackson, MI 49201

**FIELD REVIEW FOR**  
**COMPATIBLE USE OF RIGHT-OF-WAY**  
Request # CU-154

July 1, 2005

**Description**

Consumers Energy Company (CE) sent a letter to Michigan Electric Transmission Company, LLC (METC) on June 13, 2005 asking for a distribution crossing under an existing METC 138 kV lines. 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 Chase to Mecosta plant 138 kV line 1E. CE was proposing the installation of a distribution line that would parallel & cross under an existing transmission line. A field review of the plan was done on June 14, 2005. The conductor attachments elevations were field measured. The drawing TRS 171107 submitted by CE was accurate in depicting the existing situation.

The proposed distribution line will be no closer than 37' from the centerline of the existing transmission line. The resulting horizontal clearance under a 6 psf wind is approximately 24'. NESC code (and CE Standards) requires a minimum of 3.5' between a 138 kV line and a distribution pole.

On the existing plan & profile drawing from CE, the existing 110 KCMIL copper conductor was plotted at 284° F. The pole height and class was provided by CE as being 40/6 poles. Using a typical embedment of 10% + 2' the distribution height is assumed to be at 25'. The resulting vertical clearance between the proposed distribution line and the existing conductor is approximately 11'. NESC code (and CE Standards) requires a minimum of 4.1' between a 138 kV line and a distribution line. See enclosed sketch.

Based on our field review and calculations, it is our recommendation that this line is acceptable at this time in the proposed location.

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

**FIELD REVIEW FOR**  
**COMPATIBLE USE OF RIGHT-OF-WAY**  
Request # CU-154

June 22, 2005

**Description**

Consumers Energy Company (CE) sent a letter to Michigan Electric Transmission Company, LLC (METC) on June 13, 2005 asking for a distribution crossing under an existing METC 138 kV lines. Commonwealth Associates, Inc. (CAI) was contracted to do a field inspection of the area and to determine if code clearances would be maintained.

**Results**

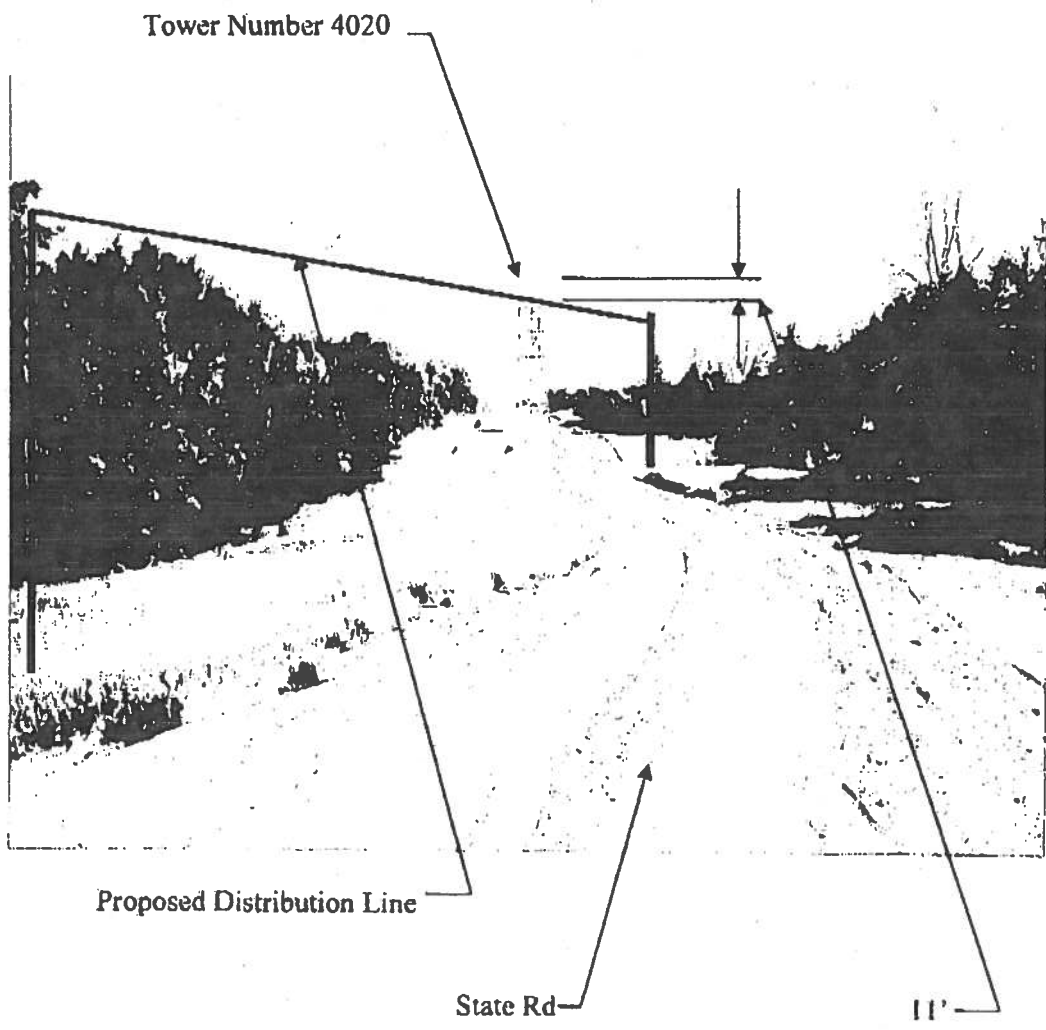
The METC transmission line was identified as Chase to Mecosta plant 138 kV line 1E. CE was proposing the installation of a distribution line that would parallel & cross under an existing transmission line. A field review of the plan was done on June 14, 2005. The conductor attachments elevations were field measured. The drawing TRS 171107 submitted by CE was accurate in depicting the existing situation.

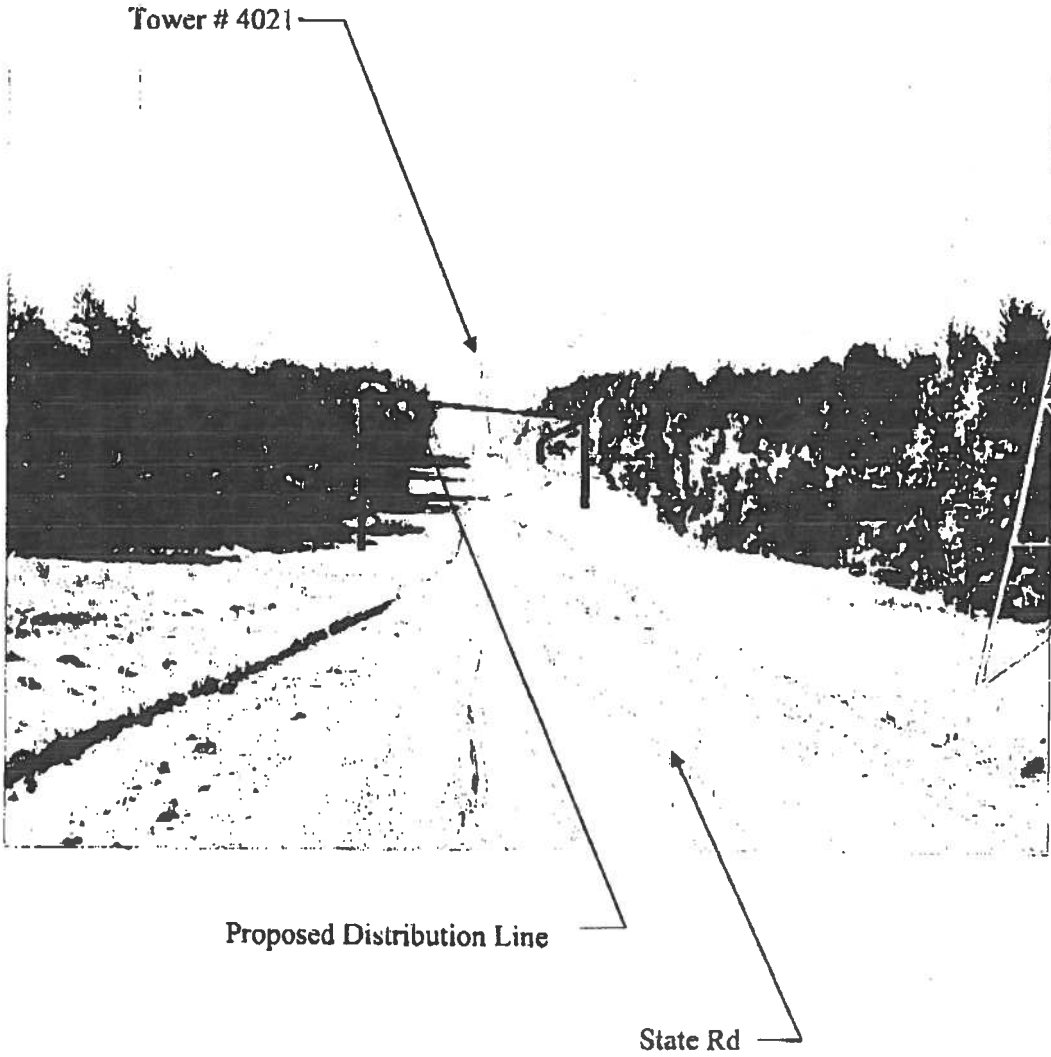
The proposed distribution line will be no closer than 37' from the centerline of the existing transmission line. The resulting horizontal clearance under a 6 psf wind is approximately 24'. NESC code (and CE Standards) requires a minimum of 3.5' between a 138 kV line and a distribution pole.

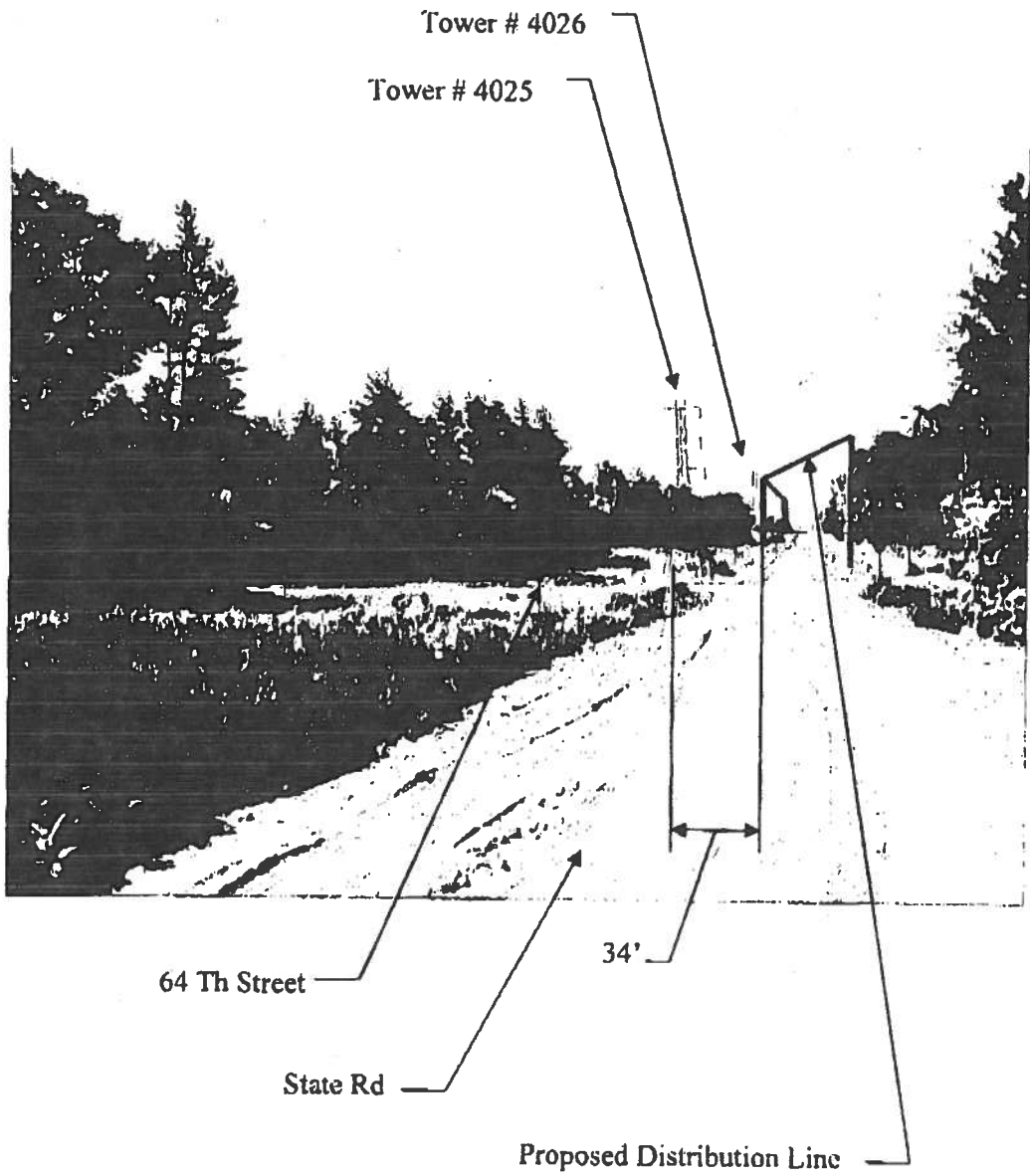
On the existing plan & profile drawing from CE, the existing 110 KCMIL copper conductor was plotted at 284° F. The pole height and class was provided by CE as being 40/6 poles. Using a typical embedment of 10% + 2' the distribution height is assumed to be at 34'. The resulting vertical clearance between the proposed distribution line and the existing conductor is approximately 3'. NESC code (and CE Standards) requires a minimum of 4.1' between a 138 kV line and a distribution line. See enclosed sketch.

Based on our field review and calculations, it is our recommendation that this line is not acceptable at this time in the proposed location.

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

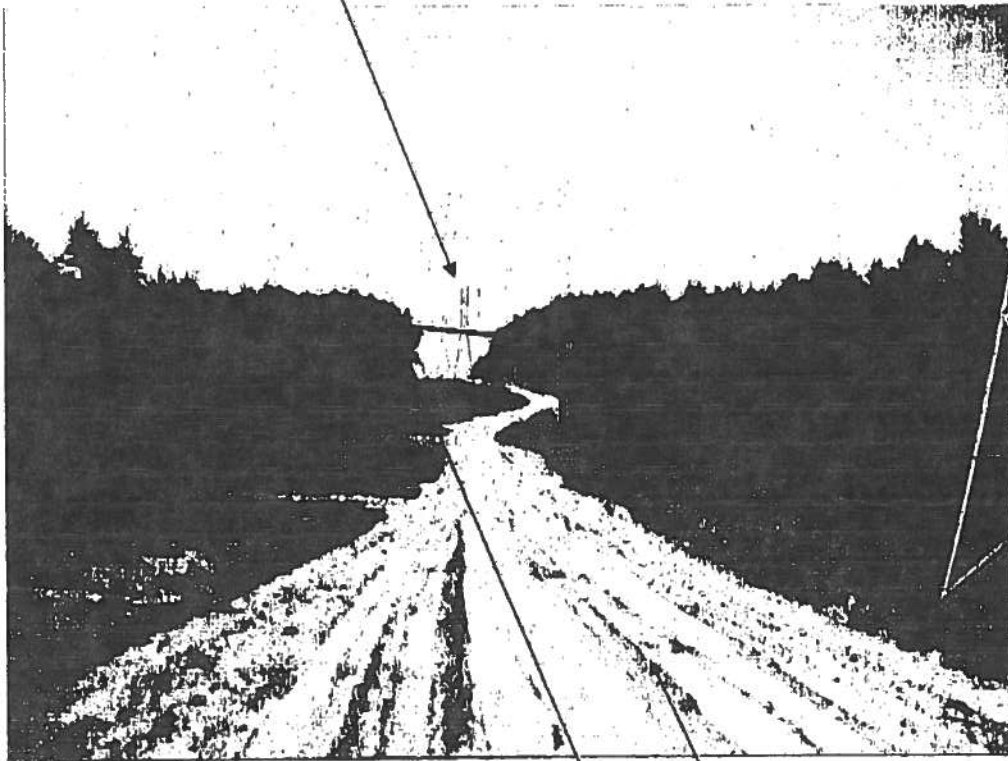








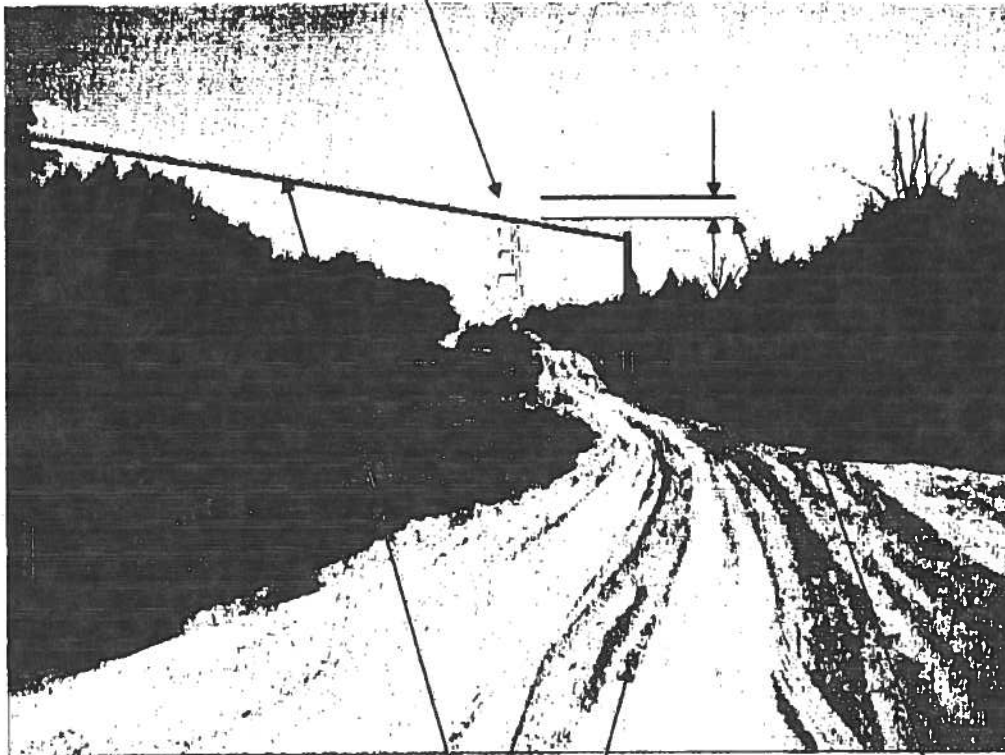
Tower # 4021



Proposed Distribution Line

State Rd

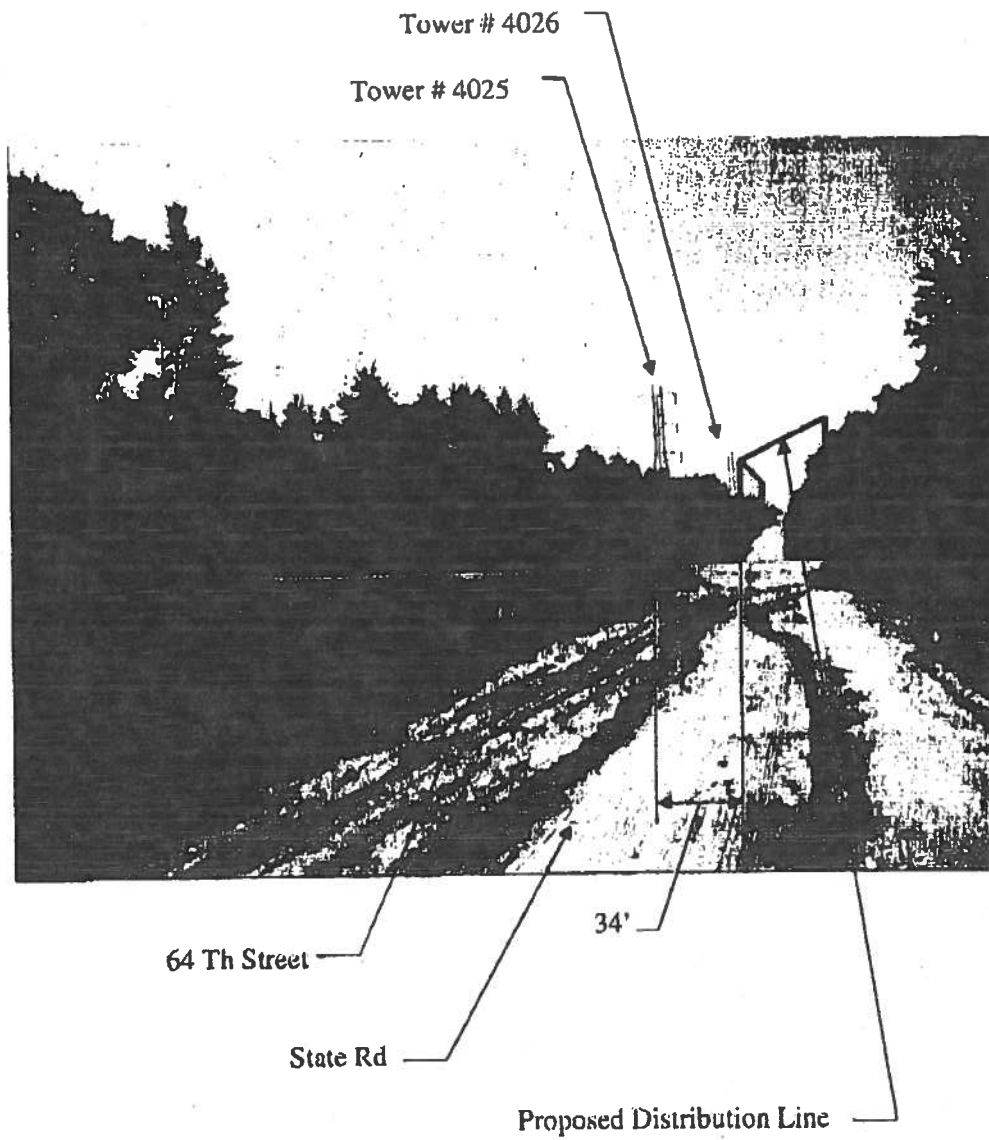
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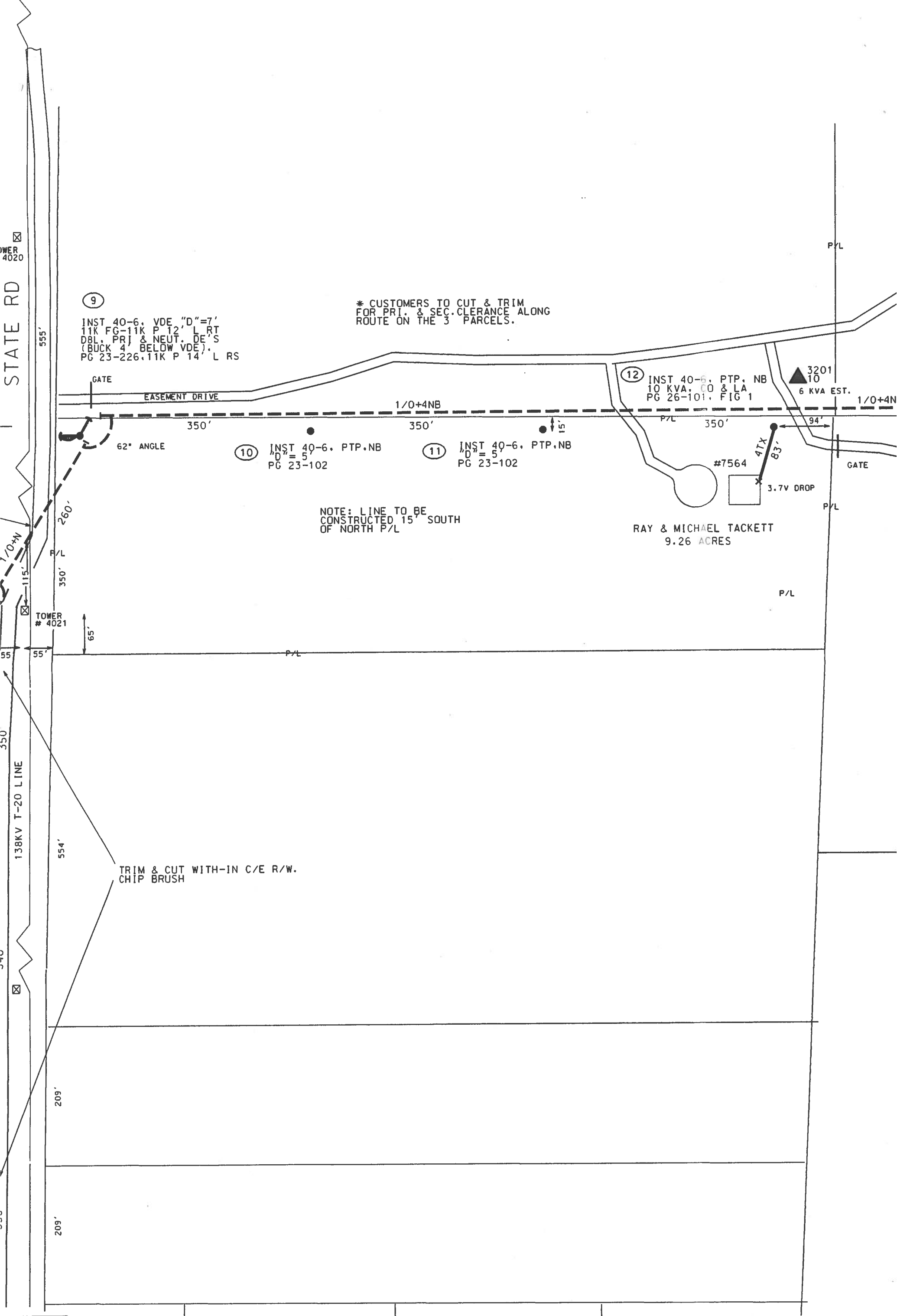


Proposed Distribution Line

State Rd

2.5'





IS SHEET A

-CONSTRUCTION CERTIFICATION-			
Work was constructed as Engineered or Changed as Indicated.			
All Salvageable Material Was Returned to Stores			
STAKED	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/> NO
TREES	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/> NO

Const