


**From:** Cyndi Byrd CByrd@kloveair1.com   
**Subject:** RE: [EXTERNAL] K41KX-D Channel 34, FIN: 131115, CP On EMF Tower T046-MO ASR #1028313  
**Date:** October 17, 2023 at 3:17 PM  
**To:** Josh Weiss jweiss@arkmulticasting.com  
**Cc:** Caleb Weiss cweiss@arkmulticasting.com, Barry Wilson BWilson@kloveair1.com, Randy Weiss randy@crosstalk.org

CB

Good afternoon, Josh,

I am well and hope you are the same. The tower modifications estimated costs have come in at approximately \$325,000.

Is Edge able to still seek repack reimbursement funding? If not, is Edge still interested in this tower and providing funding for the required reinforcements?

Please let me know as we need to determine a plan for this site.

Thank you!



## Cyndi Byrd

Broadcast Business Development Project  
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**From:** Josh Weiss <jweiss@arkmulticasting.com>  
**Sent:** Monday, October 16, 2023 5:32 PM  
**To:** Cyndi Byrd <CByrd@kloveair1.com>  
**Cc:** Caleb Weiss <cweiss@arkmulticasting.com>; Barry Wilson <BWilson@kloveair1.com>; Randy Weiss <randy@crosstalk.org>  
**Subject:** Re: [EXTERNAL] K41KX-D Channel 34, FIN: 131115, CP On EMF Tower T046-MO ASR #1028313

Hey Cyndi,

I hope you are well. I am reaching out to see if there is any update on the tower in Joplin.

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Joshua Weiss  
Co-founder & CEO



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On Mar 2, 2023, at 3:44 PM, Cyndi Byrd <[CByrd@kloveair1.com](mailto:CByrd@kloveair1.com)> wrote:

Caleb/Josh,

Good afternoon. We have received the modification design from Hodge for the KOBC tower in Joplin, MO.

Here is the latest update for you.

The modification design has been completed and I included the Executive Summary below. Most pertinent information for K41KX-D is highlighted. Hodge has the majority of the reinforcing materials prices with the exception of the guy insulator replacements of which there are several. We are trying avoid the 9 month lead time for the insulators. They just submitted a suitable substitution to the fabricator today and are awaiting pricing.

Hopefully, Hodge can get a proposal out by the middle to end of next week to us and we will have a better idea of how to formulate a plan for this site. I hope this information is helpful to provide you with an update. The modification requirements are quite extensive and will also be expensive.

Please let me know if you have additional questions after reviewing the information. Thanks so much!

<image001.png>

<image002.png>

<image003.png>

## **Modifications Required**

In order for the tower to meet the strength requirements of the ANSI/TIA-222-H-1-2019 Standard for all conditions described in this report, the following modifications will be required:

### **Leg Reinforcement**

The tower legs between 280' – 0' AGL will be reinforced with bolted-on half-pipe members U-bolted to the tower legs at specific intervals in order to increase the capacity of the tower legs.

### **Guy Assemblies**

The guy wires and hardware of Levels 1, 3, 4, and 5 will be replaced with higher-capacity components.

There is currently a bolted-on torque arm at guy level 3, which will be removed so that currently-unused guy lugs can be used for connection of the new cables of the guy level. Guy level 6 will be insulated due to its proximity to the bottom bay of the FM antenna. This will also provide sufficient slack in the cables

to allow the “turnback”-type end terminations of the cables to be replaced with preforms, which will essentially increase the strength of the cables by 20% since preform terminations are rated for the full strength of the cable. At guy level 7 (top guy level), the existing under-rated guy insulator assemblies will be replaced with properly-sized insulators and the “turnback”-type end terminations of the cables will be replaced with preforms to allow the full strength of the cables to be utilized.

#### **Additional Reinforcements**

Additional horizontal bracing will be installed at 20' AGL on all three tower faces due to the large gaps between braces at the top of the taper base section and at the bottom of the first straight section, which results in large bending forces in the tower legs.

#### **Guy Tension Adjustments**

Guy wire initial tensions will need to be adjusted to the values specified. While performing the tension operations, the tower plumb should be maintained within 222-H tolerances.

#### **Additional Items**

Transmission line support between 280' – 20' will need to be reworked as necessary due to the tower leg reinforcements that will be installed in this area of the tower.

<image004.png>

#### **Cyndi Byrd**

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