

Engineering Statement  
In Support of a License  
to Cover Application  
For a DRT Construction Permit  
**KNPB Facility ID 10228**  
Reno, NV

**BACKGROUND AND DISCUSSION**

Kessler and Gehman Associates, Inc. has been retained by Channel 6 Public Broadcasting, Inc. licensee of a DRT television broadcast station KNPB to prepare a license to cover for a construction permitted<sup>1</sup> facility.

The construction permitted facility specifies the following NAD83 coordinates and tower elevations:

- Latitude: 39° 19' 23.6" N+
- Longitude: 119° 56' 38.6" W-
- Overall Structure Height: 18 meters
- Support Structure Height: 12.4 meters

Subsequent to the filing of the above referenced construction permit, the tower site was inspected, and the applicant found that the figures above need to be corrected to the following:

- Latitude: 39° 19' 23.0" N+
- Longitude: 119° 56' 38.9" W-

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<sup>1</sup> FCC File No.: 0000052186

- Overall Structure Height: 24.4 meters
- Support Structure Height: 20.1 meters

Pursuant to section 47 C.F.R. Section 74.751 these corrections do not require a construction permit modification.

- The horizontal shift in site location relative to the construction permit is 20 meters which is less than the 152.4m required for a construction permit modification.
- Appendix A is an FCC TOWAIR study which indicates that the increased structure height does not trigger an FAA / ASR filing requirement.

No other corrections are proposed. It is respectfully requested that upon the grant of the instant license to cover application, that the corrected coordinates and elevations be used for the licensed facility.

## **CERTIFICATION**

The foregoing statement and the report regarding the aforementioned engineering work are true and correct to the best of my knowledge.

Ryan Wilhour



Consulting Engineer  
November 9, 2018

## Appendix A – FCC TOWAIR Study

<b>DETERMINATION Results</b>	
<b>Structure does not require registration. There are no airports within 8 kilometers (5 miles) of the coordinates you provided.</b>	
<b>Your Specifications</b>	
<b>NAD83 Coordinates</b>	
Latitude	39-19-23.0 north
Longitude	119-56-38.9 west
<b>Measurements (Meters)</b>	
Overall Structure Height (AGL)	24.4
Support Structure Height (AGL)	20.1
Site Elevation (AMSL)	3099
<b>Structure Type</b>	
LTOWER - Lattice Tower	