



## **ENGINEERING STATEMENT**

OF

**JOHN F.X. BROWNE, P.E.**

IN SUPPORT OF

**APPLICATION FOR MINOR AMENDMENT TO PENDING APPLICATION**

**IOWA PUBLIC BROADCASTING BOARD**

**KSIN-DT CHANNEL 28**

**Sioux City, Iowa**

### **Background**

The Iowa Public Broadcasting Board (IPBB) has an application on file for minor modification of a construction permit (BMPEDT-20020802AAO, Facility ID # 29096). IPBB acquired the tower which will support the antenna of KSIN-DT from another broadcaster who relocated to a new site. IPBB planned to remove the antenna of the former owner and replace it with the KSIN-DT antenna resulting in a decrease in the overall height of the structure. In the process of notifying the FAA of the height change, it was discovered that the coordinate and height data on-file (with both the FAA and the FCC) was erroneous. Following a site survey, the FAA issued a "no hazard" determination at the new coordinates and the antenna structure registration (ASR # 1051813) has been amended to reflect the changes. IPBB now proposes to amend the pending application for construction permit to reflect the changes.

**B**  
**I****Site**

The correct coordinates for the site are:

42-30-53 N Lat

96-18-15 N Long (NAD 27)

**Other Changes**

The other portions of the application that are being amended are:

1. Site elevation above mean sea level from 436 m to 433.4 m.
2. Antenna height above average terrain from 351.5 m to 348.3 m.

There are no other changes to the pending application.

**Certification**

I hereby certify that the foregoing report or statement was prepared by me but may include work performed by others under my supervision or direction. The statements of fact contained therein are believed to be true and correct based on personal knowledge, information and belief unless otherwise stated; with respect to facts not known of my own personal knowledge, I believe them to be true and correct based on their origin from sources known to me to be generally reliable and accurate. I have prepared this document with due care and in accordance with applicable standards of professional practice.



John F.X. Browne, P.E.