



RICHARD D. GRAVES LAND SURVEYING

November 20, 2020

Mr. Ted Johnson and to whom it may concern:

I hereby certify that based on survey information obtained on November 20, 2020, the direction of the WNTC antenna mounted on the Portland city water tower on Highway 52 (North Latitude 36deg 34min 36sec West Longitude 86deg 29min 50sec), and as referenced in BPED-20170526ABK, is at an azimuth of 50 degrees +/- one degree of accuracy and at an azimuth of 298 degrees +/- one degree of accuracy. The bearings are based on NAD 83 (1996 Conus) State Planes Grid North utilizing a Trimble R8 Model 4 GPS Receiver on the TDOT GNSS RTK Network.

Thank you,

Richard Graves, P.L.S. TN#1628

