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FOR IMMEDIATE RELEASE

Buncombe County Retains Federal Engineering for Radio System Coverage Improvements

FAIRFAX, VIRGINIA, September 28, 2020 — Buncombe County, North Carolina has retained the services of Federal Engineering, Inc. (***FE***) to provide public safety radio system coverage analyses, generate a findings report, and recommend improvements.

Mr. Jason Haynes, Project Manager for the County said: "For over a decade, the County has relied upon Federal Engineering to provide a wide range of radio consulting services. We are seeking their assistance, as our trusted advisors, to assess our current radio coverage in a meaningful way and provide quantitative results."

Mr. Travis LePage, ***FE*** Director, provided an overview of the project: "Using our sophisticated ***FEPerformancePro™*** toolset, ***FE*** will develop coverage profiles for all simulcast sites and subscriber units for use in coverage modeling. We will model the coverage and develop a list of potential improvements for talk-out coverage. ***FE*** will take into account simulcast system interference and spectrum licensing limitations in developing our improvement alternatives. As an option, ***FE*** can also develop candidate new site profiles for use in coverage modeling, perform coverage predictions on the candidate new sites, and compare coverage predictions to the current system."

Mr. LePage continued: "Federal Engineering will also develop an application package for submission to the Regional Planning Committee (RPC) and FCC on behalf of the County based upon the selected coverage improvement alternative. Should the County desire, ***FE*** can also review the proposed equipment purchased by Buncombe for the coverage improvements and provide implementation support services to take the County's project from the initiation, planning, and design review phases through installation, testing, and final cutover."

Federal Engineering is a leading, nationwide firm providing analysis, design, procurement, and implementation support for public safety and public service communications involving traditional VHF, UHF, 700 MHz, 800 MHz, 900 MHz, and 4.9GHz mobile radio systems as well as LTE. These services complement ***FE's*** wide range of consulting services in NG911, PSAPs, RTTCs, ECCs, and EOCs. ***FE's*** cybersecurity practice helps our clients defend against today's complex and ever-changing threat landscape. ***FE*** also serves as trusted advisors to assist clients in understanding emerging services such as FirstNet and the impacts on their current and future plans. Since 1983, ***FE*** has completed thousands of communications projects for 46 state governments, as well as numerous local and federal government clients.

In addition to its public sector work, Federal Engineering provides design and implementation support services for voice, data, and video networks used in the transportation, utilities, aerospace, finance, education, publishing, and computer services industries. ***FE's*** certified independence ensures that clients receive objective, unbiased consulting services that are not influenced by any technology, product, vendor, or approach.

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