



**Federal
Engineering®**

FOR IMMEDIATE RELEASE

Communications Roadmap To be Developed by Federal Engineering For Navajo County

FAIRFAX, VIRGINIA, November 5, 2018 — Navajo County, Arizona has contracted with Federal Engineering, Inc. (**FE**) to develop a communications roadmap that identifies the current state and desired end-state for regional interoperable communications.

In announcing the contract, Mrs. Catrina Jenkins, Emergency Manager for Navajo County said: “Navajo County, in coordination with Apache County and our regional partners, was awarded a Homeland Security grant to engage a consultant to develop our regional communications goals. The purpose of this plan is to ensure that future projects, especially those seeking grant funding, align with a well-defined roadmap. This project will have a significant impact on our communications systems and as such, we are pleased to have Federal Engineering on our team.”

Mr. Rajit Jhaver, **FE** Director, provided an overview: “This comprehensive project includes a multitude of tasks:

- Develop/update radio communications coverage maps for Navajo and Apache Counties
- Review existing communications infrastructure including towers, repeaters, and microwave links
- Conduct focus group sessions with all partner agencies within Navajo and Apache Counties to gather information to identify issues and concerns regarding existing radio communications
 - Develop existing asset list identifying types of equipment, quantity, and location
- Develop an existing licensed frequency list by public safety agency for Navajo and Apache Counties
- Develop options to optimize interoperable communications between agencies
- Provide recommendations to co-locate equipment, relocate, or install new equipment to enhance interoperable communications
- Identify and recommend additional equipment to enhance public safety radio communications
- Identify public safety facilities that would require base or control stations to allow optimal communications back to the dispatch centers
- Identify any opportunities to leverage non-public safety government partners
- Provide recommendations for addressing redundancy for data and LMR communications
- Provide recommendations for improving in-building public safety communications
- Establish priorities for the recommendations of the radio plan to include future technology solutions that can be employed to enhance communications

Federal Engineering’s extensive experience in Arizona will prove invaluable in generating targeted results.”

Federal Engineering is a leading, nationwide firm providing analysis, design, procurement, and implementation support for NG911, PSAPs, ECCs, and EOCs. These services complement **FE’s** wide range of consulting services in public safety and public service communications involving LTE as well as traditional VHF, UHF, 700 MHz, 800 MHz, 900 MHz, and 4.9GHz mobile radio systems. **FE** also supports FirstNet planning in anticipation of the Nationwide Public Safety Broadband Network. 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 particular technology, product, vendor, or approach.

Federal Engineering, Inc. • 10600 Arrowhead Drive, Fairfax, VA 22030
Phone: 703-359-8200 • Fax: 703-359-8204 • Web: www.fedeng.com
For more information email: info@fedeng.com