BOARD OF UNION COUNTY COMMISSIONERS
REGULAR MEETING
AGENDA
March 11, 2025

9:00 a.m.

1. **Call to order**
2. **Pledge of Allegiance**
3. **Approval of agenda and minutes**
4. **Hospital Report**
5. **Discussion, Consideration, and Possible Action Items**

9:30 a.m. Ordinance Hearing – Ordinance 2025-48 Cell Tower Permitting

10:00 a.m. Joint Communication Meeting – Town of Clayton and Clayton Municipal Schools

- **i.** Resolution 2025-44 Fees for Wireless Telecommunication Facilities
- **ii.** Resolution 2025-45 Setting Design Guidelines for Small Wireless Facilities
- **iii.** NMSU Extension Funding Request
- **iv.** Federal Engineering proposal – Communications Assessment
- **v.** Resolution 2025-46 Opposing the Proposed National Interest Electric Transmission Corridor in Union County, New Mexico
- **vi.** Resolution 2025-47 BAR Indigent Care and Transfer
- **vii.** Approval of Bills
- **viii.** Inventory Items Disposition – Road Department International Water Truck
- **ix.** Healthcare Assistance **-** Approval of Claims
- **x.** County Travel Requests
- **xi.** Budget Hearing

9:45 a.m. Citizen's Forum

6. **Reports**
   - **County Manager Report**
   - **Road Superintendent**
   - **Emergency Service Coordinator Report**
   - **Elected Officials Reports**
     a. **Clerk – School Election**
   - **Additional Reports**

A**djourn**

As of 3/6/2025

Next Meeting April 8, 2025 @ 9:00

BOARD OF UNION COUNTY COMMISSION
REGULAR MEETING
February 11, 2025

BOARD MEMBERS PRESENT:

Chairman Clayton F. Kiesling
Commissioner Justin Bennett
Commissioner Lloyd 'Red' Miller

BOARD MEMBERS ABSENT:

OTHERS PRESENT:

Chief Deputy Clerk Kim Mitchell
Manager Brandy Thompson
Sheriff Curtis Skaggs
CUCEDP Director Lynette Keeth
Road Admin Rachel Farnum
Emergency Manager Kris Lawrence
HR Cheryl Garcia
Treasurer Shea Arnett
Assessor Hollie Sandoval
Road Superintendent Gary Wright
DWI Coordinator Joe Reeser

GUESTS:

Tammie Stump – CEO Union County General Hospital
Robert W Williams
Ray McCarty
Georgie McCarty
Belinda Gardner
Britt Smith
Vikki Schumtcher
John Schumtcher
Effie Walker
Kenny Tapp
Larry Fry
Owida Franz
Val Wilkerson
Ina Wilkerson
Danna Maez
Barry Poling
Brett Poling
Sally Werner
Joyce Perky
David Hale
Cliff Skiles
Jody Skiles
Chad Proffitt
Brice Satterwhite
Charley Oney

Marilyn Oney
Nonie Tidmore
Jane Apple
LeRoss Apple
Josh Langworthy
Cathy Daniel
Talisha Valdez
Dixie Musick
Bill Wylie

At 9:04 a.m., Chairman Kiesling called the meeting to order in the Commission Chambers located in the Union County Administration Building. The pledge of allegiance was recited.

Commissioner Miller moved to approve the agenda and the regular meeting minutes of January 14, 2024. Commissioner Bennett seconded. There was no further discussion. Vote: ALL AYE. The minutes were signed.

HOSPITAL REPORT

Tammie Chavez, CEO, reported on statistics for October. The "County Commissioner Monthly Hospital Report" was distributed to the board prior to the meeting. Items covered and discussed included the following: *Provider Recruitment Update, Financial Assistance, Business/Financial Update, Compliance, Radiology Report, Plant Services, Therapy Services, Pharmacy, Laboratory/Infection Control, Union County/Des Moines Health Center, IT and Special Projects.*

Tammie Chavez, CEO, reported on financials for November. The "Union County General Consolidated Executive Financial Summary" and the "Clayton Health Systems December 24, 2024 Notes to Consolidated Financial Statements Period Ending November 30, 2024" was distributed to the board prior to the meeting. Items covered and discussed included the following: *Key Statistics, Statement of Revenue and Expenses – YTD and Balance Sheet.* More information was provided for starting a Mental Outpatient program for the community. A CFO has been hired and will start in March. There was also a request for a CD secure loan with Bank of Clayton for the cost of Medical Malpractice Insurance.

Tammie Chavez, CEO, reported on the following: *Nursing, Swing Bed, Social Work Consults and Trauma.*

Commissioner Bennett moved to approve the transfer of the line of credit from New Mexico Bank and Trust to Bank of Clayton with the backup of one hundred-thousand-dollar CD. Commissioner Miller seconded. There was no further discussion. VOTE: ALL AYE.

CITIZENS FORUM

There was a total of 23 in attendance to discuss the NIETC-National Interest Electric Transmission Corridor. Chairman Keisling welcomed all guest and began the forum. Sally Warner spoke on location of the transmission line and the lack on information has been frustrating for landowners. She requested that the Board of Commission send a resolution to the DOE for support of the landowners and requested a town hall

meeting take place so landowners can be advised what their plan is. Talisha Valdez said her office will help landowners submit their comments to DOE if they don't have access to a computer or online. Rick Baker address if concern on how the road quality will go down with the NIETC project. Levi Irwin stated that his agency has not been involved. Josh Langworthy had several comments on the contradictory benefits of green/clean energy, the impact the wind turn bides have on wild life. The negative impacts on the landowners, wildlife and scenery. He urged the Board of Commissioners to revisit all agreements with solar, wind, state and the comprehensive plan and put an end to all green energy projects in Union County. Jennifer Taylor voiced concerns for the local ranchers and what will happen to their cattle operations and their way of life. Nonie Tidmore spoke on the issue of eminent domain and urged everyone to submit their letters before the deadline. Levi Irwin asked if the Board of Commission has reached out to legislators for support. Commissioner Bennett stated they have sent letters and spoke about it at the legislation luncheon. The commissioners were asked where they stood on the issue, Chairman Keisling stated at this time he remained neutral as there isn't enough information out yet. Commissioner Bennett stated his concern with them using the term national priority, he would like to know if that language is included and the lack of information so he would consider himself neutral. Commissioner Bennett urged the public to submit letters to hold more weight. Marilyn Oney suggested getting the news stations to come and publish the due date for letters. Commissioner Miller stated his doesn't believe in eminent domain. LeRoss Apple spoke on the generational ties to the land in Union County. He urged the County to take a stance. He stressed the financial down fall this could cause to landowners and the county.

Chairman Keisling thanked all that attend and for the input and questions and closed the forum.

DISCUSSION/POSSIBLE ACTION ITEMS

PROCLAMATION NATIONAL FFA WEEK

Chairman Keisling recognized the Clayton and Des Moines FFA chapters for being present.

Commissioner Bennett moved to approve the Proclamation National FFA Week. Commissioner Miller seconded. There was no further discussion. VOTE: ALL AYE.

ANNUAL REPORT NMSU EXTENSION

Talisha Valdez gave her annual report of all the events and educational projects/seminars they coordinated and hosted including but not limited to; pesticide applicator training, extension homemakers club, the health fair, $H program, cloverbud camp, parliamentary procedure training, egg to chicken, farm safety day, ag explorer, hydroponics, garden in a glove and what's the buzz. She asked for the counties assistance in getting a Conex box to place at the shooting range for the shooting supplies and to utilize as office shape during shooting competitions. After her presentation she stood for questions, no questions were presented.

PROTEST BOARD APPOINTMENTS

Manager Thompson presented the board with the Protest Board appointments. Members of the Protest Board include; Rhonda Aragon, Carlota Ulibarri, Rosie DeHerrera and Frankie Aragon.

Commissioner Bennett moved to approve the Protest Board Appointments. Commissioner Miller seconded. There was no further discussion. VOTE: ALL AYE. Resolution signed.

RESOLUTION 2025-40 BAR HOSPITAL INSURANCE

Manager Thompson presented the Board with Resolution 2025-40 BAR Hospital Insurance. This is authorization of Hospital Fund (501) (DFA #22100) budget increase. This increase is for the operational expenditure line item by twenty-five thousand dollars for the increased cost of property insurance for 2025.

RESOLUTION 2025-41 BAR JAIL TRANSFER AND INCREASE

Manager Thompson presented the Board with Resolution 2025-41 BAR Jail Transfer and Increase. The increase transfer from the General Fund (401) to Jail-Detention (424) for expenditures related to jail contracts for both adult and juvenile detention.

Commissioner Bennett moved to approve Resolutions 2025-40 BAR Hospital Insurance and Resolution 2025-41 BAR Jail Transfer and Increase. Commissioner Miller seconded. There was no further discussion. VOTE: ALL AYE. Resolutions signed.

RESOLUTION 2025-42 ROAD AUDIT

Manager Thompson presented the Board with Resolution 2025-42 Road Audit. No discussion was had.

Commissioner Miller moved to approve Resolution 2025-42 Road Audit. Commissioner Bennett seconded. There was no further discussion. VOTE: ALL AYE. Resolution was signed.

NIETC UPDATES

Manager Thompson presented a letter to be disbursed to request cooperating status for Union County related to the National Environmental Policy Act Compliance for DOE in regards to the NIETC. Discussion was had on adding the wording that they support protecting people's private property rights.

RESOLUTION 2025-43 SUPPORTING LOCAL GOVERNMENT CONTROL AND PARTICIPATION AS A COOPERATING AGENCY UNDER NEPA

Manager Thompson presented Resolution 2025-43. The Board instructed Manager Thompson to draft a letter in support of land owner and their rights. They also advised to have the letter sent to local news stations in Amarillo and Albuquerque.

Commissioner Bennett moved to approve Resolution 2025-43 Supporting Local Government Control and Participation as a Cooperating Agency Under NEPA and cover letter, along with submitting to local news outlets. Commissioner Miller seconded. There was no further discussion. VOTE: ALL AYE.

LEGISLATIVE SESSION UPDATES AND DISCUSSION

Chairman Keisling gave an update on legislative bills he is monitoring. Assessor Sandoval reported on the veteran exemption bill HB46 that will affect the Assessor's office. Clerk Fields reported on a marriage license bill to increase the marriage license fee.

SCHEDULE SPECIAL MEETING APRIL FOLLOWING CLAYTON SCHOOLS SPECIAL ELECTION

Clerk Fields informed the Board that Clayton Municipal Schools requested a special election for a general obligation bond question. Due to the date of the special election, she asked that a special meeting be scheduled for the canvass of the election. The board scheduled the special meeting to be held on April 25, 2025 at 10:00a.m. in the Union County Commission Chambers.

APPROVAL OF BILLS

Bills in the amount of $788,716.89 were presented for review.

Commissioner Bennett moved to approve the request from UCGH Mill Levy/GTR in the amount of $732,197.07. Commissioner Miller seconded. There was no further discussion. VOTE: ALL AYE. Motion carried.

Commissioner Bennett moved to approve bills in the amount of $788,716.89 and to give the county manager authority pay any outstanding bills. Commissioner Miller seconded. There was no further discussion. VOTE: ALL AYE. Motion carried.

INVENTORY ITEMS DISPOSITION – ROAD DEPARTMENT INTERNATIONAL WATER TRUCK

No items were presented for disposition.

HEALTHCARE ASSISTANCE-APPROVAL OF CLAIMS

There were no assistance claims.

COUNTY TRAVEL REQUESTS

Emergency Manager Lawrence will be traveling for training.

BUDGET HEARING

Manager Thompson delivered all current budgets to the elected officials and asked they start reviewing and submitting their adjustments. She reported on increases for property insurance.

COUNTY MANAGER REPORT

Manager Thompson started her report with updates on the new Sheriff department building. She reported on a demo for new software for the Treasure and Manager office. The courts are starting their pretrials and Manager Thompson is monitoring that. She reported on the March 13 workshop and said a working lunch would be provided. Manager Thompson reported on the WTS contract; the Board advised her to advertise for the ordinance hearing.

ROAD SUPERINTENDENT

Road Superintendent Gary Wright gave updates on V8 needing new tracks so they were purchased and a grater is needing a new window. Another load of tires was taken out. Discussion was held on getting some water crossings fixed to not wash out so bad.

EMERGENCY SERVICE COORDINATOR REPORT

Emergency Manager Kris Lawrence reported on a Fire 1 and 2 coarse coming up in Raton. He will be attending a Chiefs meeting next week. Multiple meetings coming up.

ELECTED OFFICIALS REPORTS

Treasurer Arnett reported that the online payment system was up and running
Sherriff Skaggs reported about multiple trainings

EXECUTIVE SESSION

At 11:50 a.m., Commissioner Bennett made motion to enter into Executive Session-Pursuant to NMSA 1978, Section 10-15-1(H)2-Limited Personnel Matters. County Manager. Commissioner Miller seconded. Chairman Kiesling request vote. VOTE: Chairmen Keisling – Aye, Commissioner Bennett – Aye, Commissioner Miller – Aye.

Commissioner Bennett moved to come out of Executive Session at 12: 10 p.m., Commissioner Miller seconded. No action was taken. VOTE: Chairmen Keisling – Aye, Commissioner Bennett – Aye, Commissioner Miller – Aye.
Regular meeting resumed at 12:15 p.m.

ADJOURN: At 12:50 p.m., Commissioner Bennett moved to adjourn after lunch. Commissioner Miller seconded. There was no further discussion. Vote: ALL AYE. Motion carried.

Meeting Announcements: The next regular meeting will be held on Tuesday, February 11 at 9:00 a.m.

Board of Union County Commissioners
Union County, New Mexico

ATTEST

SEAL

_____
Clayton F. Kiesling - Chairman

_____
Devian Fields – County Clerk

_____
Justin Bennett - Vice Chairman

Lloyd 'Red' Miller - Member

Union County

ORDINANCE 2025-48

AN ORDINANCE REGULATING THE SITING AND PERMITTING OF WIRELESS TELECOMMUNICATIONS FACILITIES; PROVIDING FOR THE PURPOSE AND INTENT OF THE ORDINANCE; DEFINING TERMS; SPECIFYING APPLICABILITY OF THE ORDINANCE; ESTABLISHING REQUIREMENTS FOR NEW WIRELESS FACILITIES; PROVIDING FOR AN APPLICATION AND REVIEW PROCESS; DESINATING THE COUNTY MANAGER AS THE ADMINISTRATOR; PROVIDING FOR ENFORCEMENT; PROVIDING FOR CO-LOCATION OF WIRELESS FACILITIES IF FEASIBLE; PROVIDING FOR ISSUANCE OF A PERMIT BY THE ADMINISTRATOR; PROVIDING FOR APPLICATION FEES BY SEPARATE RESOLUTION; PROVIDING FOR REMOVAL OF A WIRELESS FACILITY WHEN NO LONGER NEEDED; PROVIDING FOR RECORDATION AND AN EFFECTIVE DATE

WHEREAS, The Board of County Commissioners of Union County (hereinafter the County) has determined that the regulation of the siting of wireless telecommunications facilities is necessary to protect the health, safety and welfare of the citizens of the County;

WHEREAS, The County desires to minimize the negative impact Wireless Telecommunications Facilities may have on the citizens and real property use in the County by promoting the use of existing Wireless Telecommunications Facilities and by ensuring new Wireless Telecommunications Facilities are compatible with the existing character and environment of the location of the Facility;

WHEREAS, The County wishes to provide an efficient, stream-lined and fair process for the review and approval of potential Wireless Telecommunications Facilities;

WHEREAS, pursuant to NMSA 1978 § 4-37-1 et seq., and the Telecommunications Act of 1996, §704.47 U.S.C. § 332(c)(7), § 6409(a) of the Middle-Class Tax Relief and Job Creation Act of 2012, and the New Mexico Wireless Consumer Advanced Infrastructure Act NMSA 1978 §§ 63-91-1 *et seq.,* the Board of County Commissioners of Union County is empowered to enact regulations regarding the location, placement, construction, design, and modification of Wireless Telecommunications Antennae, Towers and other Wireless Telecommunications Facilities on lands and properties within the County;

NOW, THEREFORE, BE IT ORDAINED AND PROCLAIMED BY THE BOARD OF COUNTY COMISSIONERS OF UNION COUNTY, NEW MEXICO THAT THE CONTENTS OF THIS ORDINANCE 2025-48 BE IMPLEMENTED REGULATING THE

SITING AND PERMITTING OF WIRELESS TELECOMMUNICATION FACILITIES:

I. PURPOSE AND INTENT:

The purpose and intent of this Ordinance is to protect the health, safety, and welfare of the citizens of the County by minimizing the negative impact of Wireless Telecommunications Facilities ("Wireless Facility" or "Wireless Facilities"), by establishing a fair and efficient process for review and approval of applications according to Federal, State, and Local statutes and regulations, by encouraging the use of existing facilities, by promoting the improved appearance and functionality of any new facilities and ensuring that all new facilities are constructed using current technologies.

II. DEFINITIONS:

A. Abandonment – cessation of use of a Wireless Facility for wireless telecommunications activity for at least the minimum period specified by this Ordinance;

B. Administrator – A person appointed by the County Manager, including the County Manager, to accept, review and process applications under this Ordinance;

C. Antenna – Communications equipment that transmits or receives electromagnetic radio signals and that is used to provide wireless services;

D. Carrier on Wheels (COW) – A portable, self-contained wireless facility that can be moved to a location and set up to provide wireless services on a temporary or emergency base;

E. Collocate means to install, mount, maintain, modify, operate or replace one or more wireless facilities on, in or adjacent to a wireless support structure or utility pole;

F. Concealed Wireless Facility – A Wireless Facility that is designed to camouflage or hide the presence of antennas or towers so that the purpose of the Wireless Facility or wireless support structure is not readily apparent to casual observation;

G. Consultant – A person or firm with expertise in wireless telecommunications facilities who is under contract with Union County to provide assistance with the review of applications submitted pursuant to this Ordinance;

H. Eligible Facility request – A request for modification or colocation of an existing wireless tower that involves new transmission equipment or replacement of transmission equipment but does not include a substantial change of the existing structure;

I. Existing structure – A wireless support structure erected before the application for an eligible facility request, colocation, or modification is made under this Ordinance which is capable of supporting Wireless Facilities. The phrase includes but is not limited to transmission towers, communication towers, buildings, and water towers.

J. Fall Radius or Fall Zone – the area on which a wireless support structure may be expected to fall in the event of a structural failure as certified by a registered professional engineer in New Mexico as set forth in this Ordinance;

K. Permit means the written permission of Union County for a wireless provider to install, mount, maintain, modify, operate or replace a utility pole or to collocate a Wireless Facility on a utility pole or wireless support structure;

L. Small Wireless Facility means a wireless facility whose:

1. antennas are, or could fit, inside an enclosure with a volume of six or fewer cubic feet; and

2. other ground- or pole-mounted wireless equipment, not including the following, is twenty-eight or fewer cubic feet in volume:

a. electric meter;
b. concealment elements;
c. telecommunications demarcation box;
d. grounding equipment;
e. power transfer switch;
f. cutoff switch;
g. vertical cable runs for the connection of power and other services; and
h. elements required by an authority in accordance with Subsection H of Section 3 [63-9I-3 NMSA 1978] of the Wireless Consumer Advanced Infrastructure Investment Act;

L. Tower – a structure that is taller than it is wide, guided or freestanding, that supports one or more antennas;

M. Wireless Facility or Wireless Facilities –

1. means equipment at a fixed location that enables wireless communications between user equipment and a communications network, including: equipment associated with wireless communications; and

2. radio transceivers, antennas, coaxial or fiber-optic cables, regular and backup power supplies and comparable equipment, regardless of technological configuration;

3. includes a small wireless facility; and

4. does not include:

a. the structure or improvements on, under or within which the equipment is collocated;

b. a wireline backhaul facility, coaxial cable or fiber-optic cable between wireless support structures or utility poles; or

c. coaxial or fiber-optic cable otherwise not immediately adjacent to, or directly associated with, an antenna;

N. Wireless Support Structure means a freestanding structure, including a monopole or guyed or self-supporting tower, but not including a utility pole.

III. APPLICABILITY:

A. This Ordinance applies to all construction and expansion of wireless telecommunications facilities, except as provided in Section III B ("Exceptions").

B. Exemptions:

1. Fire, police, department of transportation, or other public service facilities owned and operated by the County, local, state, or federal government are exempt from this Ordinance.

2. Any facilities expressly exempt for the jurisdiction's citing, building, and permitting authority.

3. Over-the-Air reception devices are exempt from this Ordinance, including the reception antennas for direct broadcast satellites (DBS), multi-channel, multipoint distribution (wireless cable) providers (MMDS), television broadcast stations (TVBS), and other customer-end antennas that receive and transmit fixed wireless signals and are primarily used for reception.

4. Facilities exclusively for private, non-commercial radio and television reception and private citizen's bands, and other similar non-commercial telecommunications are exempt from this Ordinance.

5. FCC-licensed amateur radio facilities are partially exempt from Ordinance requirements except reasonable screening, Fall Zone, placement, construction, tower height, and health and safety standards of New Mexico state law.

6. Facilities that exclusively provide unlicensed spread spectrum technologies (such as IEEE 802.11a/b/g/n/ac/ax {Wi-Fi and Bluetooth}) where the Facility does not require a new tower.

IV. REQUIREMENTS.

A. The overall height of any wireless facility supporting structure shall not exceed 200

feet.

B. A wireless facility supporting structure with a proposed height of more than 200 feet or within the proximity of an airport as set forth in 47 CFR Sec. 17.7 (Antenna Structures Requiring Notification to the FAA) and Title 14 CFR Part 77 (Safe, Efficient Use, and Preservation of the Navigable Airspace) both as most recently amended, shall comply with the provisions of those regulations and provide the Administrator with a copy of either the Determination of Hazard to Navigation or the No Determination of Hazard to Navigation, whichever has been issued pursuant to 14 CFR § 77.9.

C. To provide for public safety in the event of an antenna catching fire or becoming structurally unstable and falling to the ground, all new antenna supporting structures shall be set back from the property line a distance equal to at least its potential fall radius plus ten percent (10%), as certified in writing by a New Mexico professional engineer duly licensed by the State of New Mexico Board of Licensure for Professional Engineers and Professional Surveyors. When computing the potential fall radius of a new antenna supporting structure, the following additional conditions shall apply:

1. an applicant shall take future modifications to its structure into consideration that could add height and thus increase the fall radius;

2. except for an antenna supporting structure sited in a residential zone, the potential fall radius shall, at a minimum, be at least the height of a tower and, in the event of its fall, cannot fall outside of the boundaries of the property on which it is sited;

3. no new antenna supporting structure shall be placed adjacent an existing tower such that if it fell to the ground, it would not fall against any existing antenna supporting structure; and

4. no new antenna supporting structure shall be placed adjacent an existing electrical power line, including its supporting tower(s), such that if it fell to the ground, it would not fall against the power line or its supporting tower(s).

D. Except for motion sensing security lighting to deter intruders, no lights, signals, or other illumination shall be permitted on any antenna supporting structure or ancillary appurtenances unless that lighting is required by the FAA or the FCC. If lighting is needed, the Applicant shall provide a detailed plan for necessary lighting consistent with State and Federal regulations. The Applicant shall also comply with any local or State "Night Skies" requirements.

E. A fence of at least six (6) feet but no more than eight (8) feet in height from finished grade shall be installed in order to completely enclose the base of the antenna supporting structure and associated equipment. Access to the antenna supporting structure shall be controlled by a locked gate. Any access gate(s) shall be secure and kept locked except for access by Applicant's personnel including any maintenance individuals.

F. All antenna supporting structures shall comply with the safety standards contained in

the American National Standards Institute of Telecommunications Industries Association (ANSI/TIA) document 222-G, "Structural Standard for Steel Antenna Towers and Supporting Structures," as amended, revised or supplemented by addenda. ANSJ/TIA-222-G addresses such factors that include, but are not limited to, default design parameters, wind speed resistance based on a three-second-gust wind speed, ice formation, climber safety, structure load details, mounting frames, classification of structures, earthquake design, topographic categories, ground surface exposure categories and soil parameters.

G. Antenna supporting structures shall be designed to accommodate future collocations.

H. New antenna supporting structures shall not be permitted unless the applicant indicates that the proposed antenna(s) cannot be accommodated on an existing building or structure or by construction of a stealth facility.

I. Wireless support structures shall be galvanized or painted with a rust-preventive paint of an appropriate color to harmonize with the surroundings and shall be maintained for the Tower's life.

J. Wireless Facilities shall contain a sign to provide adequate notification to persons in the immediate area of the possible presence of radio frequency radiation ("RF") or to control exposure to RF radiation within a given area. A sign of the same size shall also be installed to contain the site identification number and emergency phone number(s). The sign shall be on the fence, equipment shelter, or cabinet and be visible from an access point outside the secured site area. On tower sites, an FCC registration sign shall also be present. The signs shall not be lighted unless required by law, rule, or regulation. No other signage, including advertising, shall be permitted. The Applicant or assignee shall update the site identification number and emergency phone numbers of the Wireless Facility as displayed on the required sign within one month of any sale, assignment, or transfer.

V. PERMIT APPLICATION PROCESS AND OTHER REQUIREMENTS:

A. All Applicants for a Permit for a Wireless Facility shall obtain a permit prior to beginning construction or installation of a Wireless Facility and shall comply with the requirements set forth in this Ordinance.

B. An application for a permit pursuant to this Ordinance shall be submitted to the Administrator. The Administrator is authorized to review, analyze, evaluate, and grant, deny, or revoke Permits and to enforce the provisions of this Ordinance.

C. The Administrator is authorized to consult with consultants during the review of applications for Wireless Facilities.

D. Applications shall be processed as follows:

1. Pre-Application Conference: At the Administrator's discretion, applicants seeking a Permit pursuant to this Ordinance shall obtain and review this

Ordinance and meet with the Administrator, either electronically or in person, before submitting an application. Typically called for on more complex applications (new towers, 5G, etc.), the meeting will focus on the Ordinance requirements, processes, and method of submissions with the Applicant. The pre-application conference may also include the following at the discretion of the Administrator:

a. A discussion of potential best locations for the Telecommunications Facility, taking into consideration the County's defined priorities that meet the Applicant's requirements for service. The application process may require an explanation for a selected location not using the highest priority available to the Applicant. The County's priorities (listed from highest to lowest) are:

i. On existing Towers or structures without increasing their height.

ii. On existing Towers or structures with a height increase.

iii. On County-owned properties.

iv. On industrial properties.

v. On commercial properties.

vi. On agricultural properties.

vii. On residential properties.

b. A site visit.

c. A determination of the type of application to be made;

d. A discussion of the defined information to be provided in the application;

e. A discussion of the specific application requirements that are needed for review and consideration by the Administrator. Requirements for the Application may vary based on the specific location, type of facility selected, and the potential impact to the County and its citizens, and;

f. Any relief, waiver, variance or exemption from any Ordinance requirement that may be requested in the application. The burden of establishing extraordinary hardship and the need for relief, waiver, variance or exemption lies solely with the Applicant. No application shall be approved unless the Applicant provides convincing evidence that the request will have no significant effect on the health, safety, and welfare of

the County or its residents.

2. Online Application. The Applicant shall make application using the County's on-line application tool.

3. Visual Intrusion. All applications shall contain a demonstration that the Telecommunications facility will be sited to be the least visually intrusive, as reasonably possible.

4. Required Information. All applications shall contain the following information:

a. Identification of an Agent of the applicant, including the name, address, and telephone numbers of the designated Agent and his/her company;

b. Authorization of the Agent as an official and representative of the Applicant;

c. a project description which shall include a general description of the project and its proposed location and shall address all of the requirements set out in Art. IV;

d. Contact information including the name, address, and telephone number of the person or entity who will be responsible for the Applicant's construction and management of the project;

e. Contact information for the support structure project manager for the proposed location and contact information for any manager of the real property for the proposed site (e.g., building manager, property owner, tower owner);

f. Define the type of project (colocation, modification, new tower, etc.), and the specific site address and description of the project.

g. Tower/Wireless Facility Registration. An application shall include a Tower/Wireless Facility Registration. If a Tower/Wireless Facility Registration already exists for the proposed location, a Tower/Wireless Facility Registration Update shall be provided, if needed. The Tower/Wireless Facility Registration shall include;

i. Name, address, and telephone contact number for the tower owner;

ii. Name, address, and telephone contact number for the real property owner, if different than tower owner;

iii. Current number and identification of co-locators on the

tower/facility;

iv. Site name, number, and physical address;

v. Documentation and specifics regarding the agreement terms (other than financial) demonstrating Applicant's right, title, or interest in the real property where the facility is to be sited, including the name, address, and phone number of the property owner;

vi. Description of the tower/facility, including but not limited to height, Fall Zone, type of structure, and the number of existing co-locators;

vii. Verifiable copy of the current tower inspection report using ANSI/TIA-222-G (or newer), including the expiration date, the company performing inspection, and ANSI standard used;

viii. Contact information including name, address, and telephone number for the person or entity performing the most recent or current tower inspection;

ix. A copy of the Soils Study Report including but not limited to the date completed, person or entity name performing the Soils Study, project number, identification of the Professional Engineer providing certification of the study with New Mexico registration or license number of the Professional Engineer, and;

x. Any other information deemed necessary or required by the County.

5. Co-location. Applications for a modification, co-location, or use of an existing structure, without an increase of height or size, shall include:

a. Project name for the existing co-location site or project;

b. Names, addresses, and phone numbers of person or entity preparing the application;

c. A copy of the FCC license for the carrier and a signed statement from the owner or operator of the Facility attesting that the Facility complies with current FCC regulations; concerning radio frequency (RF), including a Certified Non-Ionizing Electromagnetic Radiation (NIER) report demonstrating full compliance. In cases where an installation of RF

equipment complies with the FCC criteria for exemption for NIER reporting, an RF Compliance Letter prepared and signed by a New Mexico State-licensed Professional Engineer (PE) shall be required. The RF Compliance Letter shall include the FCC ID of the RF equipment and the type of exemption, as allowed by FCC OET Bulletin 65 and FCC 19-126.

d. Certified Site Plans using ANSI/TIA-222-G (or newer), including the Professional Engineer's name and New Mexico registration/license number, physical description of the current configuration of the site, physical description of the proposed design of the site, contacts, Fall Zone, grounding plans, security, parking, turnarounds, description of the components including the sizes of the components to determine that the proposal is the least visibly intrusive design;

e. Certified Structural Analysis using ANSI/TIA-222-G (or newer), including identification of the Professional Engineer's name and registration/license number providing the Analysis, a copy of all calculations, reference documents and results, percent loading, that include all components, structures, and foundations per Rigorous Standards. Loading may not exceed 100%.

f. A performance bond in an amount set by the Administrator, to remain in place as long as the site remains active and in place and until the tower or facilities are removed as required by the Ordinance;

g. Copy of the Certificate of Insurance demonstrating that the requirements of the Ordinance are satisfied;

h. Identification of the general contractor(s) with proof of state licensure as required by the State of New Mexico, and;

i. Projected start and completion dates of construction.

6. Applications to install a new tower or telecommunications facility will include the following:

a. All information listed in Sections b. and c. above;

b. The number, type, and design of the tower(s) and antenna(s) proposed;

c. All reports, data, calculation, and design criteria which demonstrate the tower's capability to accommodate multiple users;

d. Demonstration of the Applicant's meaningful efforts to secure shared use of existing tower(s) or other structures within the defined

parameter of one (1) mile including but not limited to copies of written requests and responses for shared use;

e. Justification for the new facility including capacity information, the gap in coverage, or other information demonstrating rationale for the application;

f. A list of property owners and nearby homeowner associations, to include their addresses, within one-thousand five-hundred feet (1500') of the proposed site's property lines.

7. Public Hearing and Notification Requirements.

a. A public hearing shall be held by the Administrator, notice of which shall be published in accordance with the New Mexico Open Meetings Act and the annual Union County Notice of Meetings Resolution.

b. The Administrator shall schedule the public hearing only after finding that the Application is complete.

c. All Public Hearings pursuant to this Ordinance are to be conducted by the Administrator.

8. Applications to Install Small Wireless Facilities/Systems will include the following: The County's Small Wireless Facilities design requirements are set forth in Resolution #2025-45.

a. All information listed in Sections b. c. & d. above;

b. The entire system and any associated groups of Small Wireless facilities, within limits defined by the on-line application, may be included in a single application.

c. Each component of the system must be identified.

d. Each system's unique components must be shown and include all the relevant data to complete the process. However, all like (virtually identical) nodes may be demonstrated once but must consist of all the physical locations for each node.

9. Review of Application: The Administrator and the consultant(s) shall review the application within thirty (30) days of submission to determine if the application is complete and meets the requirements of this Ordinance. The County and the Applicant may, by a mutual written agreement, extend the period in which the review for completeness is conducted.

a. Incomplete applications will not be processed;

b. Applications submitted without the payment of the required fee shall be deemed incomplete and shall not be processed;

c. **IF THE APPLICATION IS NOT COMPLETE:** The County shall notify the Applicant in writing or via email of the deficiencies in the application. Once the deficiencies are corrected, the application may be resubmitted without payment of additional fees.

d. **IF A RESUBMITTED APPLICATION IS NOT COMPLETE:** Within ten (10) days of the resubmission of the application, the County shall notify the Applicant in writing or via email of any deficiencies in the resubmitted application. Once the deficiencies are corrected, the application may be resubmitted without payment of additional fees.

e. **IF THE APPLICATION IS COMPLETE** and based on the review of the application, the Administrator may:

1. Approve, approve with conditions or deny a Permit for the Wireless Facility;

2. Issue a written decision within ten (10) days of deciding on the application.

3. The decision of the Administrator shall be final.

10. Construction of the Proposed Facility: If an application is approved or approved with conditions, a Permit may be issued to the Applicant:

a. The Applicant must comply with all requirements of the Permit;

b. The Applicant will be required to meet and satisfy all applicable building codes and building inspection processes;

c. The Permit shall not be assigned, transferred, or conveyed without written notification to and approval from the County within six (6) months;

d. The Permit may be revoked, canceled, or terminated for violation of the Permit's conditions and provisions or for a material breach of this Ordinance;

e. The County will provide the permit holder with written notice of an intent to revoke, cancel or terminate the Permit with identification of the

violation(s) and give the holder of the Permit with an opportunity for a hearing before the Administrator before revocation, cancellation or termination.

11. Completion of Construction: When the Applicant completes the project's construction, the Applicant shall notify the Administrator of the need for a final inspection. The Administrator or the consultant for the County will verify that the site is constructed in accordance with the application, meets all the requirements of the Ordinance, and that the applicant has paid all monies due to the County. If all requirements of this Ordinance and the Permit have been met, the County will issue a Certificate of Compliance to the Applicant that allows operational use of the site.

VI. APPLICATION FEES and OTHER REQUIREMENTS:

A. At the time a person submits an application for a Permit for a new Tower or requires an increase in height to an existing Tower or for co-locating on an existing Tower or other suitable structure, where no increase will occur in the height of the Tower or other appropriate structure, such Applicant shall pay a non-refundable application fee to the County.

B. In addition to the application fee, the County may retain the services of an expert consultant in connection with the processing and/or review of the application and the permitting and final inspection of site. The Applicant shall be responsible for reimbursing the County for all costs and amounts incurred by the County for such expert consultation.

C. The Applicant shall pay for the projected consultation costs to the County at the time of the application.

D. An application is incomplete until the Application Fee is paid, and the Applicant has paid the costs for the expert consultant.

E. The consultant shall provide the County with an invoice for the costs for the consultation. The amount invoiced by the consultant will be assessed to the Applicant as the Application Processing and Review Fee.

F. The Application Fees and Costs are defined by the Resolution associated with this Ordinance or as subsequently amended.

G. The Applicant and the owner of record of any proposed Wireless Telecommunications Facilities property site shall, at their cost and expense, be obtain and file with the County a bond or other form of security acceptable to the County in at least the following amounts:

1. Colocation or modification of an existing tower: $25,000

2. Small wireless facility: $15,000

3. New tower or other structure: $75,000

Such sureties shall assure the faithful performance of the terms and conditions of this Ordinance and conditions of any Permit issued according to this Ordinance. The full amount of the bond or security shall remain in full force and effect throughout the term of the Telecommunications Permit, and until any necessary site restoration is completed to restore the site to a condition comparable to that which existed before the issuance of the original Special Use or Construction Permit.

H. A holder of a Permit hereunder shall secure and at all times maintain comprehensive general liability insurance or public liability insurance for personal injuries, death, and property damage and umbrella insurance coverage for the duration of the Permit in amounts as set forth below:

1. Comprehensive General Liability covering personal injuries, death, and property damage: $1,000,000.00 per occurrence/$2,000,000.00 aggregate; Automobile Coverage: $1,000,000.00 per occurrence/$2,000,000.00 aggregate;

2. Workers Compensation and Disability: Amount required by New Mexico state law;

3. The Comprehensive General liability insurance policy shall specifically include Union County and its officers, employees, agents, and consultants as additional named insureds;

4. Insurance policies shall be issued by an agent or representative of an insurance company licensed to do business in the state and with a "Best's" rating of at least A;

5. Insurance policies shall contain an endorsement obligating the insurance company to furnish the County with at least thirty (30) days prior written notice of the cancellation of the insurance;

6. Renewal or replacement policies or certificates shall be delivered to the County at least fifteen (15) days before the expiration of the insurance that such policies are to renew or replace;

7. The Permit Holder shall provide the County a copy of the policies/certificates

before construction and upon written request by the County.

VII. REMOVAL OF TOWER/ANTENNA/REVOCATION/DEFAULT:

A. Cessation of Operations/Abandonment/Disrepair: The County may require the removal of a Wireless Facility(ies) when: such item(s) with a Permit have been abandoned or operations of the Wireless Facility have ceased for a period exceeding one hundred eighty (180) calendar days. All items and equipment subject to the Permit shall be removed within ninety (90) days of abandonment or the cessation of operations. If equipment or items subject to the Permit fall into such disrepair that a health or safety hazard is created as determined according to a review by a State licensed engineer or the Consultant and such item are not repaired within sixty (60) days, or longer as necessary upon the permit holder demonstrating that despite good faith efforts, such disrepair could not be responsibly cured within the provided time, the County may require the removal of the item of the Telecommunications Facility.

B. Modification, location, or construction without Permit: If any equipment or item has been located, constructed, or modified without a permit, or in a manner inconsistent with the approved permit requirements, and the Facilities have been located, constructed, or modified without first obtaining, or in a way not authorized by, the required Permit, or any other necessary authorization, the County may require the removal of the item, equipment or the Wireless Facility.

C. Lack of Insurance: If a Permit holder has failed to comply with the liability insurance requirements required by the County, the County may require the removal of the item, equipment or the Wireless Facility.

D. Notification of Violation: If Wireless Facilities are repaired, rebuilt, placed, moved, relocated, modified, or maintained in a way not in compliance with this Ordinance or the Permit, the County shall notify the Permit holder in writing of such violation. If the County determines that removal of an item, equipment or Telecommunications Facility is required, then the County shall notify the Permit holder within forty-eight (48) hours that said items are to be removed. The County may approve an interim temporary use agreement/permit, such as to enable the removal and/or sale of the item.

E. Failure to Cure: After receiving notice of a violation, the Permit holder shall have ninety (90) calendar days to cure or remove the violation. The County shall extend such cure period as necessary upon the Permit holder demonstrating that despite good faith efforts, such default cannot be reasonably cured.

F. Failure to Cure (Removal of an item, equipment, or Telecommunications Facility is not required): For all violations other than a violation which requires removal of an item, equipment, or the Wireless Facility, a Permit holder has thirty (30) days to cure such violation(s) after notice has been mailed or delivered to the Permit holder's address of record. The County may extend the cure period upon demonstration that the Permit holder has made good faith efforts to cure and that despite its good faith efforts, such default cannot be reasonably cured within the provided time.

G. Failure to Cure. Removal of the item, equipment, or Wireless Facility is required if the permit holder cannot cure the violation within the cure period, the Permit holder shall dismantle and remove such item, and any associated structures, from the site and restore the site to as close to its original condition as possible, reasonable wear and tear excepted, within ninety (90) days of the expiration of the cure period.

H. Removal by the County: If the item, equipment or Telecommunications Facility is not removed or substantial progress has not been made to remove it within ninety (90) days of the Permit holder receiving notice, then the County may order officials or representatives of the County to remove the item at the sole expense of the owner or Permit holder.

I. Sale upon Abandonment: If the County removes or causes to be removed, the item, and the owner does not claim and remove it from the site to a lawful location within one hundred twenty (120) days, then the County may take steps to declare the item abandoned, and sell it and its components.

J. Temporary Use Permit/Agreement: Notwithstanding anything in this Section to the contrary, the County may approve an interim use permit/agreement for the item for no more than ninety (90) days, during which time a suitable plan for removal, conversion or re-location of the affected item shall be developed by the holder of the Permit, subject to the approval of the County, and an agreement to such plan shall be executed the holder of the Permit and the County. If such a plan is not developed, approved, and completed within ninety (90) days, the County may take possession of and dispose of the affected item in the manner provided in this Section.

K. Emergency Removal: If the County determines the item is hazardous, creates an emergency situation, or adversely affects public safety, the County may remove or cause to be removed the item after three (3) days written notice to the Permit holder.

L. Failure to Cure: A Permit holder still in violation after the expiration of the cure period may be considered in default, subject to fines as outlined in this Ordinance, and the Permit is subject to revocation.

M. Fines: A person who violates this Ordinance may be fined up to three hundred dollars ($300) or ninety (90) day imprisonment or both the fine and imprisonment for each violation, and each day that a violation exists shall be deemed to be a separate violation.

VIII. SAVINGS CLAUSE

If any section, paragraph, clause, or provision of this Ordinance for any reason shall be held to be invalid or unenforceable, the invalidity or unenforceability of such Section, paragraph, clause, or provision shall not affect any other part of this Ordinance.

IX. EFFECTIVE DATE

This ordinance shall be effective thirty (30) days after its recordation by the County Clerk as required by law.

APPROVED, ADOPTED, AND ORDAINED, this 11th day of MARCH, 2025.

THE BOARD OF COUNTY COMMISSIONERS OF UNION COUNTY NEW MEXICO

_____
Clay Kiesling, Chairman

_____
Justin Bennett, Member

_____
Lloyd Miller, Member

ATTEST:

_____
Devian Fields, County Clerk

UNION COUNTY
RESOLUTION No. 2025-44

A RESOLUTION SETTING THE FEES FOR WIRELESS TELECOMMUNICATION FACILITIES

WHEREAS, The Board of County Commissioners has adopted an Ordinance Regulating the Siting and Permitting of Wireless Telecommunications Facilities (Ordinance 2025-48) which directs that a resolution be adopted setting the application and permitting fees, and allows that resolution to be changed from time to time; and

WHEREAS, The Board of County Commissioners desires to exercise its authority to establish wireless telecommunication application and permitting fees; and

NOW, THEREFORE, BE IT RESOLVED that application fees are:

Non-Refundable (payable at the outset of the application process)

TRADITIONAL TOWERS:

Colocation, Modification or Eligible Facility:	$ 9,000
New Tower:	$ 17,500
Tower Registration Update:	$ 1,500
Approved Application Update*:	$ 1,500

SMALL WIRELESS FACILITIES: (SWF) Per FC18-133, NM HB-38

New SWF/ System (New or Replacement Poles)	1-25 $750/each/site or node
SWF /DAS (New or Replacement Poles)	1-25 $750/each/site or node
SWF; Colocation or Modification	1-5 $100; 6-25 $20/each/site or node
SWF; Approved Application Update*	1-5 $100; 6-25 $20/each/site or node
SWF Rights-of-Way Fees** (Annual)	$250/site/node on an annual basis

* Approved Application Updates – Are defined as those applications that have received final approval (permit issued), and the applicants decide it is necessary to modify the application before construction and final inspection. If construction or final inspection is completed or started, the applicant must submit a new application.

**Rights-of-Way Fees apply to all sites located within Union County's rights-of-way regardless of the owner of the structures used. The Wireless Facilities Permit shall include applicable Rights-of-way authorization/s. Annual payments will be due on the 1st of January each year, and permits are authorized as long as the applicant adheres to the defined ordinance requirements for all permitted facilities.

PASSED, APPROVED, AND ADOPTED this 11th day of March, 2025.

BOARD OF COUNTY COMMISSIONERS
OF UNION COUNTY, NEW MEXICO

_____
Clay Kiesling, Chairman

_____
Justin Bennett, Member

_____
Lloyd Miller, Member

ATTEST:

_____
Devian Fields, County Clerk

UNION COUNTY
RESOLUTION No. 2025-45

A RESOLUTION SETTING THE DESIGN GUIDELINES FOR SMALL WIRELESS FACILITY

WHEREAS, The Board of County Commissioners has adopted the Ordinance Regulating the Siting and Permitting of Wireless Telecommunications Facilities (Ordinance 2025-48) which directs that a resolution be adopted providing Small Wireless Facilities Design Guidelines, and allows that resolution to be changed from time to time; and,

WHEREAS, The Board of County Commissioners desires to exercise its authority to establish Small Wireless Facility Design Guidelines; and

NOW, THEREFORE, BE IT RESOLVED:

Background

On September 27, 2018, the FCC released a Declaratory Ruling and Third Report and Order (hereinafter "Small Cell Order" or "FCC Order") that significantly limits local authority over small wireless infrastructure deployment and fees for use of the rights-of-way ("ROW"). The FCC Order took effect on January 14, 2019. However, the requirements regarding aesthetics did not take effect until April 15, 2019. Under the FCC Order, aesthetic or "design standards" must be: (1) reasonable; (2) no more burdensome than those applied to other types of infrastructure deployments; (3) objective; and (4) published in advance. The FCC Order also defines the size limitations for small wireless facilities (allowing antennas of up to 3 cubic feet each, with additional equipment not to exceed 28 cubic feet) and specifies that such facilities may not result in human exposure to radiofrequency radiation in excess of applicable standards in the FCC's rules (federal law preempts local regulation of RF emissions the 9th Circuit Court of Appeals, in *City of Portland v. FCC*, No. 18-72689 (9th Cir. 2020). Invalidated the Small Cell Order's specific requirements for design standards. However, to manage the deployment of small wireless facilities more efficiently (commonly referred to as "small cells") in the ROW, it is recommended that municipalities adopt some form of written design standards.

Small Wireless Facilities Design Standard

The Wireless Facilities Ordinance and these "SWF Design Standards" are intended to be paired together.

There is no single design standard that will work for every situation. As such, the design standard is intended as a roadmap to assist local governments and wireless carriers deploying small wireless facilities to use optimal designs that preserve the nature and character of the community being served.

Additional Considerations

Design standards only applies to small wireless facilities. A utility-neutral standard covering all utilities and communications providers provides one set of "rules" for the design of the public rights-of-way.

Definitions: These definitions are applicable to all applications filed and qualifying as a Small Wireless Facility.

"**Antenna**" means the same as defined in 47 C.F.R. § 1.6002(b), as may be amended or superseded. The term includes an apparatus designed for the purpose of emitting radio frequencies (RF) to be operated or operating from a fixed location pursuant to Federal Communications Commission authorization, for the provision of personal wireless service and any commingled information services.

"**Antenna Equipment**" means the same as defined 47 C.F.R. § 1.6002(c), as may be amended or superseded, which defines the term to mean equipment, switches, wiring, cabling, power sources, shelters or cabinets associated with an antenna, located at the same fixed location as the antenna, and when collocated on a structure, is mounted or installed at the same time as such antenna.

"**Antenna Facility**" means the same as defined in 47 C.F.R. § 1.6002(d), as may be amended or superseded, which defines the term to mean an antenna and associated antenna equipment.

"**Applicable codes**" means uniform building, fire, safety, electrical, plumbing, or mechanical codes adopted by a recognized national code organization or state or local amendments to those codes that are of general application and consistent with state and federal law.

"**Applicant**" means any person who submits an application as, or on behalf of, a wireless provider.

"**Application**" means requests submitted by an applicant (1) for permission to collocate small wireless facilities; or (2) to approve the installation, modification or replacement of a structure on which to collocate a small wireless facility in the rights-of-way, where required.

"**Collocate**" means the same as defined in 47 C.F.R. § 1.6002(g), as may be amended or superseded, which defines that term to mean (1) mounting or installing an antenna facility on a preexisting structure, and/or (2) modifying a structure for the purpose of mounting or installing an antenna facility on that structure. "Collocation" has a corresponding meaning.

"**Day**" means calendar day. For purposes of the FCC shot clock, a terminal day that falls on a holiday or weekend shall be deemed to be the next immediate business day.

"**Historic District**" means a group of buildings, properties, or sites that are either: (1) listed in the National Register of Historic Places or formally determined eligible for listing by the Keeper of the National Register in accordance with Section VI.D.1a.i-v of the Nationwide Programmatic Agreement codified or (2) a locally designated historic districts effective at the date of this or in a locally designated historic district existing when an application is submitted.

"**Person**" means an individual, corporation, limited liability company, partnership, association, trust, or other entity or organization, including the Jurisdiction.

"**Pole**" means a type of structure in the rights-of-way that is or may be used in whole or in

part by or for wireline communications, electric distribution, lighting, traffic control, signage, or similar function, or for collocation of small wireless facilities; provided, such term does not include a tower, building or electric transmission structures.

"**Rights-of-Way**" or "**ROW**" means examples: "Right-of-way," "rights-of-way," "public right-of-way," or "ROW" means and includes, but is not limited to, the space in, upon, above, along, across, over or under the public streets, roads, highways, lanes, courts, ways, alleys, boulevards, bridges, trails, paths, sidewalks, bicycle lanes, public utility easements and all other public ways or areas, including the subsurface under and air space over these areas, but does not include parks, parkland, or other Jurisdiction property not generally open to the public for travel.

"**Small wireless facility**" means a facility that meets each of the following conditions per 47 C.F.R § 1.6002(*l*), as may be amended or superseded:

1. The proposed facilities meet one of the following height parameters:
   a. are mounted on structures 50 feet or less in height including their antennas as defined in 47 C.F.R. Section 1.1320(d), or
   b. are mounted on structures no more than 10 percent taller than otheradjacent structures, or
   c. do not extend existing structures on which they are located to a height of more than 50 feet or by more than 10 percent, whichever is greater.

2. Each antenna or antenna enclosure shall not exceed three cubic feet in volume.

3. The total volume of installed equipment external to the pole (including, but not limited to cabinets, vaults, boxes) shall not exceed twenty-eight (28) cubic feet. This maximum applies to all equipment installed at the time of original application and includes any equipment to be installed at a future date. Antennas and antenna enclosures are excluded. If equipment exceeds this maximum, the installation will be redefined as a Macro site installation and all the associated standards and rates for Macro installations will be applied.

4. The facilities do not result in human exposure to radio frequency radiation in excess of the applicable safety standards specified in the FCC's Rules and Regulations [47 C.F.R. section 1.1307(b)].

"**Structure**" means the same as provided in 47 C.F.R. § 1.6002(m), as may be superseded or amended, which defines the term as a pole, tower, base station, or structure, whether or not it has an existing antenna facility, that is used or to be used for the provision of personal wireless service (whether on its own or comingled with other types of service).

A. General Requirements.

1. Ground-mounted equipment in the right-of-way is discouraged, unless the applicant can demonstrate that pole-mounted equipment is not technically feasible, or the electric utility requires placement of equipment on the ground (such as an electric meter). If ground-mounted equipment is necessary, then the applicant shall conceal the equipment in a cabinet, in street furniture or with landscaping.

2. Replacement poles, new poles and all antenna equipment shall comply with the Americans with Disabilities Act ("ADA"), city construction and sidewalk clearance standards and the

Union County, New Mexico and federal laws and regulations in order to provide a clear and safe passage within, through and across the right-of-way. Further, the location of any replacement pole, new pole, and/or antenna equipment must comply with applicable traffic requirements, not interfere with utility or safety fixtures (e.g., fire hydrants, traffic control devices), and not adversely affect public health, safety or welfare.

3. Replacement poles shall be located as near as feasible to the existing pole. The abandoned pole must be removed within 90 days.

4. Any replacement pole shall substantially conform to the material and design of the existing pole or adjacent poles located within the contiguous right-of-way unless a different design is requested and approved pursuant to Section I.

5. No advertising, branding or other signage is allowed unless approved by the Union County Administrator as a concealment technique or as follows:
   a. Safety signage as required by applicable laws, regulations, and standards; and,
   b. Identifying information and 24-hour emergency telephone number (such as the telephone number for the carrier's network operations center) on wireless equipment in an area that is visible.

6. The total volume of multiple antennas on one structure shall not exceed fifteen (15) cubic feet, unless additional antenna volume is requested and approved pursuant to Section I.

7. Antennas and antenna equipment shall not be illuminated except as required by municipal, federal or state authority, provided this shall not preclude deployment on a new or replacement streetlight.

8. Small wireless facilities may not displace any existing street tree or landscape features unless:
   a. such displaced street tree or landscaping is replaced with native and/or drought-resistant trees, plants or other landscape features approved by the Jurisdiction, and
   b. the applicant submits and adheres to a landscape maintenance plan or agrees to pay an appropriate in-lieu fee for the maintenance costs.

B. Small Wireless Facilities Attached to Wooden Poles and Non-Wooden Poles with Overhead Lines. Small wireless facilities located on wooden utility poles and non-wooden utility poles with overhead lines shall conform to the following design criteria unless a deviation is requested and approved pursuant to Section I:

1. Proposed antenna and related equipment shall meet:
   a. The Jurisdiction's design standards for small wireless facilities.
   b. The pole owner's requirements; and
   c. National Electric Safety Code ("NESC") and National Electric Code("NEC") standards.

2. The pole at the proposed location may be replaced with a taller pole or extended for the purpose of accommodating a small wireless facility; provided that the replacement or extended pole, together with any small wireless facility, does not exceed 40 feet in height or 10 percent taller than the tallest pole in a 1000ft radius, whichever is shorter. The replacement or extended pole height may be increased if required by the pole owner, and such height increase is the minimum necessary to provide sufficient separation and/or

clearance from electrical and wireline facilities. Such replacement poles must either match the approximate color and materials of the replaced pole or shall be the standard new pole used by the pole owner in the Jurisdiction.

3. To the extent technically feasible, antennas, equipment enclosures, and all ancillary equipment, boxes, and conduit shall match the approximate material and design of the surface of the pole or existing equipment on which they are attached or adjacent poles located within the contiguous right-of-way. Near matches may be permitted by the Jurisdiction when options are limited by technical feasibility considerations, such as when high-frequency antennas cannot be placed within an opaque shroud but could be wrapped with a tinted film.

4. Antennas that are mounted on poles shall be mounted as close to the pole as technically feasible and allowed by the pole owner.

5. No antenna shall extend horizontally more than 20 inches past the outermost mounting point (where the mounting hardware connects to the antenna), unless additional antenna space is requested and approved pursuant to Section I.

6. Antenna equipment, including but not limited to radios, cables, associated shrouding, disconnect boxes, meters, microwaves and conduit, which is mounted on poles shall be mounted as close to the pole as technically feasible and as permitted by the pole owner.

7. Antenna equipment for small wireless facilities must be attached to the pole, unless otherwise required by the pole owner or permitted to be ground-mounted [pursuant to subsection (B)(1) above]. The equipment must be placed in an enclosure reasonably related in size to the intended purpose of the facility.

8. All cables and wiring shall be covered by conduits and cabinets to the extent that it is technically feasible, if allowed by pole owner. The number of conduits shall be minimized to the extent technically feasible.

C. **Small Wireless Facilities Attached to Non-Wooden Light Poles and Non-Wooden Utility Poles without Overhead Utility Lines.** Small wireless facilities attached to existing or replacement non-wooden light poles and non-wooden utility poles without overhead lines shall conform to the following design criteria unless a deviation is requested and approved pursuant to Section I:

1. **External Equipment.** The antennas and associated equipment enclosures must be camouflaged to appear as an integral part of the pole or be mounted as close to the pole as feasible and must be reasonably related in size to the intended purpose of the facility and reasonable expansion for future frequencies and/or technologies, not to exceed the volumetric requirements described in Section A. If the equipment enclosure(s) is mounted on the exterior of the pole, the applicant is encouraged to place the equipment enclosure(s) behind any decorations, banners or signs that may be on the pole. Conduit and fiber must be fully concealed within the pole.
2. **Concealed Equipment.** All equipment (excluding disconnect switches), conduit and fiber must be fully concealed within the pole. The antennas must be camouflaged to appear as an integral part of the pole or be mounted as close to the pole as feasible.
3. Any replacement pole shall substantially conform to the material and design of the existing pole or adjacent poles located within the contiguous right-of-way unless a different design

is requested and approved pursuant to Section I.

4. The height of any replacement pole may not extend more than 10 feet above the height of the existing pole unless such further height increase is required in writing by the pole owner.

D. New Poles. Small wireless facilities may be attached to new poles that are not replacement poles under sections C or D, installed by the wireless provider, subject to the following criteria:

1. Antennas, antenna equipment and associated equipment enclosures (excluding disconnect switches), conduit and fiber shall be fully concealed within the structure. If such concealment is not technically feasible, or is incompatible with the pole design,

2. then the antennas and associated equipment enclosures must be camouflaged to appear as an integral part of the structure or mounted as close to the pole as feasible and must be reasonably related in size to the intended purpose of the facility, not to exceed the volumetric requirements in Section (A)(3).

3. To the extent technically feasible, all new poles and pole-mounted antennas and equipment shall substantially conform to the material and design of adjacent poles located within the contiguous right-of-way unless a different design is requested and approved pursuant to Section I.

4. New poles shall be no more than forty (40) feet in height unless additional height is requested and approved pursuant to Section I.

5. The Jurisdiction prefers that wireless providers install small wireless facilities on existing or replacement poles instead of installing new poles, unless the wireless provider can document that installation on an existing or replacement pole is not technically feasible or otherwise not possible (due to a lack of owner authorization, safety considerations, or other reasons acceptable to the Union County Administrator).

E. Undergrounding Requirements.

This Section intentionally left blank.

F. Historic District Requirements.

Small wireless facilities or poles to support collocation of small wireless facilities located in Historic Districts shall be designed to have a similar appearance, including material and design elements, if technically feasible, of other poles in the rights-of-way within 500 feet of the proposed installation. Any such design or concealment measures may not be considered part of the small wireless facility for purpose of the size restrictions in the definition of small wireless facility.

G. Strand Mounted Equipment. Strand mounted small wireless facilities are permitted, subject to the following criteria:

1. Each strand mounted antenna shall not exceed 3 cubic feet in volume, unless a deviation is requested and approved pursuant to Section I.

2. Only 2 strand mounted antennas are permitted between any two existing poles.

3. Strand mounted devices shall be placed as close as possible to the nearest pole and in no event more than five feet from the pole unless a greater distance is required by the pole

owner.

4. No strand mounted device will be located in or above the portion of the roadway open to vehicular traffic.

5. Strand mounted devices must be installed with the minimum excess exterior cabling or wires (other than original strand) to meet the technological needs of the facility.

H. Deviation from Design Standards.

1. An applicant may obtain a deviation from these design standards if compliance with the standard: (a) is not technically feasible; (b) impedes the effective operation of the small wireless facility; (c) impairs a desired network performance objective; (d) conflicts with pole owner requirements; or (e) otherwise materially inhibits or limits the provision of wireless service.

2. When requests for deviation are sought under subsections (I)(1)(a)-(e), the request must be narrowly tailored to minimize deviation from the requirements of these design standards, and the Union County Administrator must find the applicant's proposed design provides similar aesthetic value when compared to strict compliance with these standards.

3. The Union County Administrator may also allow for a deviation from these standards when it finds the applicant's proposed design provides equivalent or superior aesthetic value when compared to strict compliance with these standards.

4. The small wireless facility design approved under this Section I must meet the conditions of 47 C.F.R. Sec. 1.6002(*l*).

5. The Union County Administrator (or designee) will review and may approve a request for deviation to the minimum extent required to address the applicant's needs or facilitate a superior design.

I. An on-line application process enables applicants to submit up to twenty-five (25) small wireless facility locations, sites or nodes in one (1) application if qualifying criterion is followed during the application process. The qualifying requirements for multiple sites (up to 25) is for all the locations, sites or nodes must have a common design, rights-of-way Agreements, pole attachments Agreements, or other agreements that authorize the carrier to use (rent, lease or purchase) the rights to place their equipment/poles within/on specific lands or rights-of-way. The only variable allowed will be the specific locations for each of the sites or nodes. Each applicant is required at the outset to attest to the fact that the application will adhere to the specific requirements.

PASSED, APPROVED, AND ADOPTED this 11th day of March, 2025.

BOARD OF COUNTY COMMISSIONERS
OF UNION COUNTY, NEW MEXICO

_____
Clay Kiesling, Chairman

_____
Justin Bennett, Member

_____
Lloyd Miller, Member

ATTEST:

_____
Devian Fields, County Clerk

February 17, 2025

Via email: kris.lawrence@unionnm.us; brandy.thompson@unionnm.us

Mr. Kris Lawrence
Emergency Manager
200 Court Street, PO Box 430
Clayton, NM 88415

Dear Mr. Kris Lawrence and Ms. Brandy Thompson:

Federal Engineering, Inc. (***FE***) is pleased to offer this proposal to provide Land Mobile Radio (LMR) consulting services to Union County, New Mexico (County) in response to your request. We look forward to serving as your trusted advisor to evaluate your current VHF radio systems and evaluate alternatives for a replacement 800 MHz system or joining the State of New Mexico Digital Trunked Radio System.

FE is best qualified to provide the requested services to meet the County's public safety communications needs.

- ***FE*** brings extensive experience consulting on thousands of similar radio projects for local, county, and state government agencies, providing needs assessments and requirements definitions through RFP developments, system procurements, and successful deployments.
- ***FE*** has been providing consulting services in New Mexico for over 39 years including for cities and counties across the state, a transit district, and the state.
- Each person on our proposed project team brings over 25 years of hands-on public safety service and consulting experience to this project. We understand the issues, challenges, and risks agencies face when procuring and implementing a radio communications solution. Our team brings critical knowledge of public safety operations and technology, with experience helping clients build new systems and join existing regional or statewide systems.
- Our proposed project manager is a certified Project Management Professional (PMP), and his extensive knowledge of emergency communications operations and project management experience will be a benefit to this project.
- Since ***FE***'s founding in 1983, our proven project methodologies and use of industry best practices will provide maximum value for your consulting services investment. We understand the need for interoperable, hardened radio communications platforms that meet user requirements, are cost-effective, and can be sustained. We guide clients through their unique challenges and help determine the best, most advantageous alternatives to achieve optimal communications results.
- Objective analysis and vendor neutrality are core values of the company. ***FE*** is truly an independent, trusted advisor to our clients.
- With over 3,000 projects, ***FE*** has never had a contract canceled for lack of performance or had a contract end in failure. Most projects have resulted in repeat business.
- ***FE*** has been chosen by more organizations than any other public safety communications consultant because we deliver affordable solutions that meet users' needs at minimal risk.

We thank you for the opportunity to provide consulting services. ***FE*** can proceed with this effort immediately upon contract execution using the ***FE*** General Services Administration (GSA) Master Award Schedule (MAS) #GS35F0159Y, Special Item Number 54151S Information Technology Professional Services contract vehicle.

FE is committed to client success and is constantly looking for ways to help public safety and local government work more efficiently. ***FE*** provides leadership, guidance, and innovation that results in unparalleled client satisfaction.

By my signature below, I authorize the submission of this proposal and bind ***FE*** to its terms and conditions for a period of 30 days from the proposal due date. If you have any questions regarding our proposal, or if further information is needed, please contact me by phone at 703-359-8200 or via email at rbosco@fedeng.com.

FE looks forward to working on this important project and is fully committed to commencing services immediately upon contract execution.

Sincerely,

Ronald F. Bosco

Ronald F. Bosco
President and Chief Executive Officer
Federal Engineering, Inc.

TABLE OF CONTENTS

Proprietary Notice

This proposal, its contents, and appendices are proprietary to Federal Engineering, Inc. and shall not be disclosed to third parties without prior written permission from Federal Engineering, Inc. Should this proprietary notice conflict with any government procurement regulations, policies, or practices, the government procurement regulations shall take precedence.

Fairfax, Virginia

1 Federal Engineering Qualifications

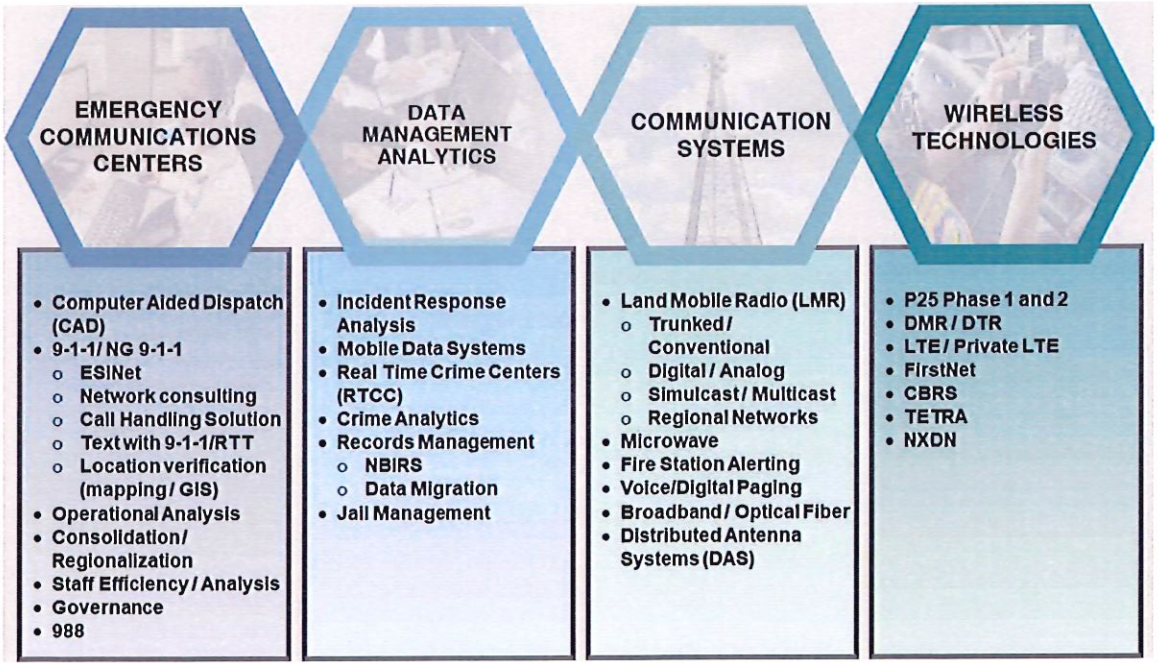
1.1 Corporate Profile

Federal Engineering is the leading independent consulting firm providing expertise in communications technologies, automated systems, and operational processes for public safety, utilities, transit, and education organizations. *FE* has an unmatched international reputation for providing high-quality system analysis, requirements definition, operational assessments, conceptual design, procurement support, project management, and implementation oversight for a wide variety of diverse communication, software, and technology projects. *FE* is widely recognized for applying innovative and cost-effective technology to keep critical processes and infrastructures reliable and sustainable.

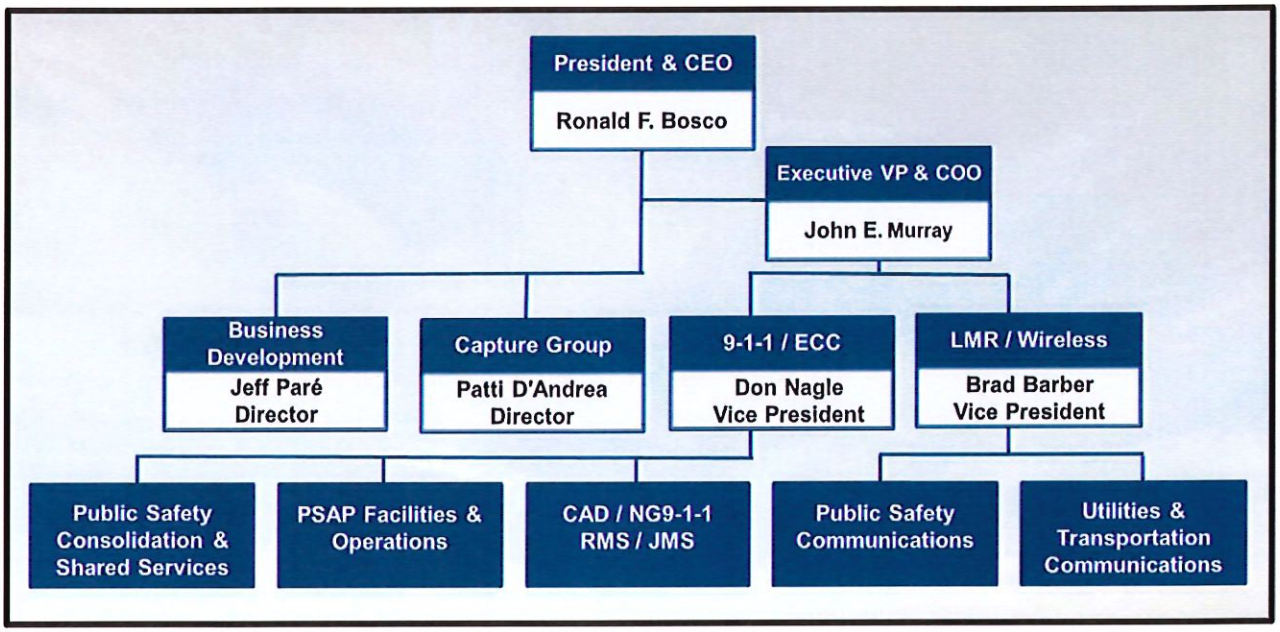
FE Consulting Services
Strategic Planning
Project Management
Needs Assessments
Gap Analyses
Conceptual Designs
Staffing / Training Assessments
Specifications / RFP Development
Procurement / Contract Negotiations
Implementation Management
Interoperability Assessments
Cybersecurity
Continuity of Operations (COOP)
IV&V Review / Analysis / Testing
Governance / Legislative Support
Funding / Budget / Grant Analyses
Expert Witness / Litigation Support
Spectrum Management / Analyses
Coverage Modeling

FE is committed to total independence, free from the influence of hardware vendors, software suppliers, system integrators, or managed service providers. *FE* has never worked for any hardware manufacturer or software supplier and does not sell, lease, or service any hardware, software, or managed services solutions. Objective independence and vendor neutrality are core values of the company. *FE* is truly an independent, trusted advisor to our clients.

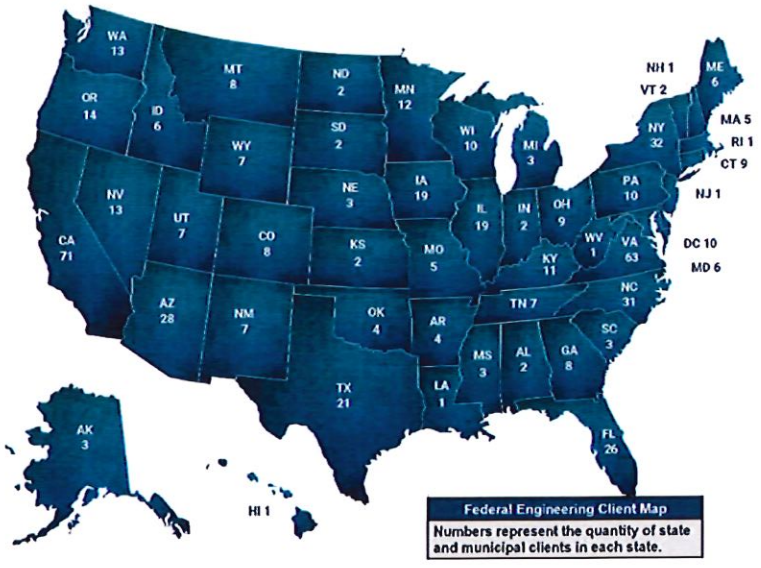
FE provides our clients with a full lifecycle of consulting services. *FE* promotes a collaborative approach and strives to maintain lifelong partnerships with every client.



Founded in 1983, *FE* is a privately owned, independent consulting firm. Private ownership provides distinct advantages—corporate decisions are not influenced by outside investors or venture capital firms. *FE*'s founder, Ronald F. Bosco, an engineer and former first responder, continues to guide and lead the firm. As President and Chief Executive Officer (CEO), Mr. Bosco and Executive Vice President and Chief Operating Officer (COO), John E. Murray, are personally invested in the success of each project and the satisfaction of every client. Both principals make themselves available to our clients and our internal teams to review and discuss project objectives, tasks, deliverables, or other subjects that may arise. Our consistency in ownership, leadership, and vision results in continued project success and unparalleled client satisfaction as demonstrated by many of our earliest clients who remain *FE* clients today.



FE headquarters is in Fairfax, Virginia and has regional offices in Arizona, California, Florida, Maryland, Pennsylvania, and Connecticut to support a geographically dispersed client base. Additionally, *FE* has consultants located in 18 states—a distributed workforce that provides efficient response for our clients.



FE brings valuable insight to our clients' projects from radio deployments and emergency response operations across the United States. Our team has been selected by more than 500 clients, many for multiple projects, as shown by the adjacent map. We have completed more than 3,000 consulting projects for clients ranging in population from 10,000 to over 40 million.

1.2 Public Safety Radio Communications Expertise

Our diverse project experience sets *FE* apart from our competition—no other public safety consulting firm has our breadth and depth of relevant project experience. We understand public safety radio system designs and upgrade plans are based on user needs and are impacted by environmental factors and regulatory requirements. Because we have implemented numerous systems, our analyses and recommendations are practical and minimize risks.

FE has developed the tools, skillsets, and methodologies that most effectively meet the needs of public safety agencies. Our team's technical knowledge base includes the following, which enables us to succssfully complete projects with objectives such as yours:

Land Mobile Radio Systems	Land Mobile Radio Technologies
○ Trunked ○ Conventional • Simulcast • Multicast • Analog • Digital • Hybrid • Interoperability overlays • Dispatch consoles • Logging recorders • Communications sites and towers • Emergency/standby power systems • Wide area warning • Distributed Antenna Systems (DAS) • Bi-directional amplifiers (BDA) • Alerting (Personnel & Station) • External system interfaces	• APCO TIA Project 25 (P25) Phase 1 & Phase 2 ○ Inter Radio Frequency (RF) Subsystem Interface (ISSI) ○ Console Subsystem Interface (CSSI) ○ Digital Fixed Station Interface (DFSI) • Digital Mobile Radio (DMR) ○ Applications Interface (AIS) • Next Generation Digital Narrowband (NXDN) • Terrestrial Trunked Radio (TETRA) • Legacy Analog FM • Analog/Digital One-Way Paging • Telemetry • Supervisory Control and Data Acquisition (SCADA) • Radio over IP (RoIP) • Encryption

Frequency Bands	Broadband/Advanced Wireless Technologies/ Transport	Manufacturers' Systems and Equipment Evaluated and/or Procured from *FE*'s Specifications	
• Low band • VHF • UHF • 700/800 MHz • 900 MHz • 2.4, 4.9, 5.8 GHz • 6/12/18 GHZ (Microwave) • CBRS • Other licensed and unlicensed bands	• LTE/FirstNet • Private LTE (PLTE) • PTT over Broadband • Cellular and Wi-Fi • WiMAX • Wi-Fi • LORAWAN • LTE Cat M • NB-IoT • Microwave • Optical fiber • Leased transport • MPLS	• ATT • Aviat • Avtec • BK Tech. • Catalyst • Codan • EF Johnson • ESChat • Icom • JPS • JVC/Kenwood • L3Harris • Lumen	• MNI • Motorola • Nokia • Omnitronics • Raven • T-Mobile • Tait • Tango Tango • Technisonic • Verizon • Zello • Zetron

1.3 Knowledge of Industry Trends and Best Practices

FE is a corporate affiliate of leading industry groups. Our consultants chair national technical committees and are represented in the following standard-setting and advisory organizations.

- Association of Public Safety Communications Officials (APCO)
- National Emergency Number Association (NENA)
- National Fire Protection Association (NFPA)
- Telecommunications Industry Association (TIA)
- Project 25 Technology Interest Group (PTIG)
- Federal Partnership for Interoperable Communications (FPIC)
- National Public Safety Telecommunications Council (NPSTC)
- Institute of Electrical and Electronic Engineers (IEEE)
- Radio Club of America (RCA)
- U.S. National Science Foundation (NSF)
- Utility Technology Council (UTC)

FE team members are widely recognized by their peers for their knowledge and expertise. *FE* consultants have had papers published by major professional organizations and our experts are frequently invited to present at industry conferences. Over the past five years, *FE* has presented in over 80 sessions at the International Wireless Communications Expo (IWCE), APCO, NENA, and other industry conferences.

Partnering with *FE* will enable Union County to achieve the most successful outcome for its long-term communications goals. ***Why Federal Engineering?***

- In-house consultants with hands-on career backgrounds in public safety communications
- Experienced subject matter experts skilled at gaining consensus among system users
- Client-specific interoperability solutions
- State-of-the-art coverage modeling tools
- Skilled contract negotiation specialists
- Experts in hardened infrastructure solutions
- Fact-based life cycle/sustainment planning and cost analysis
- In-house spectrum research and FCC licensing assistance
- Comprehensive project management services
- Radio frequency interference mitigation analysis
- Vendor issue resolution expertise
- Change management expertise to help users migrate to new technologies/systems

2 Project Management Approach

2.1 Project Management

An effective project management approach is the key to the success of any project. Our proven project management approach focuses on collaboration, open communication, consensus building, and risk mitigation. *FE* will provide the County with ongoing visibility on the status of your project. With more than 42 years of project management experience, *FE* understands that each project is unique, and we customize the approach, solutions, and deliverables to meet each client's specific needs and objectives. *FE* has successfully completed numerous projects with similar requirements to yours and we commit to completing your project on time and on budget.

FE follows the Project Management Institute's (PMI) best practices and utilizes PMI's *Project Management Body of Knowledge* (PMBOK) methodology to manage project tasks and deliverables. The PMBOK methodology breaks down project management into five process groups, which *FE* utilizes to promote the successful execution of project tasks.

Initiation
This project begins immediately following receipt of a notice to proceed. As the initial task, the *FE* project manager will schedule a project initiation meeting to confirm project objectives, identify stakeholders, and understand team member roles.
Planning
During the project initiation meeting, the *FE* project manager will develop a customized project plan that drives the project from project initiation to successful completion. The project plan will vary depending on the project's complexity; an abbreviated project plan may be more appropriate based on the scope of work. Typically, the project plan includes the scope of services, work breakdown structure, schedule, project communication, staffing, stakeholder engagement methodologies, and potential risks. Our project manager will review the draft project plan with your project manager and finalize tasks, durations, and dependencies to generate the final project plan. The *FE* project manager is your single point of contact and will coordinate activities with your project manager and involve other stakeholders as needed.
Execution
FE will complete the tasks as described in the project scope of work. Executing project tasks involves coordinating resources, managing stakeholder expectations, and integrating and performing the project's activities. The *FE* project manager will direct project resources, leverage areas of expertise, identify and mitigate any project risks, and optimize the performance of the project team to successfully achieve project objectives and tasks.
Monitoring
Effective project management requires consistent communication. The *FE* project manager will continually track project performance against the established schedule and budget and conduct in-person and teleconference meetings to keep the project team informed of the project status. These meetings will cover accomplishments since the last reporting period, outline upcoming activities, identify outstanding issues, assign task responsibilities, evaluate risks, and compare task completion to the project schedule. The content of the meetings will be documented in monthly project status reports delivered via email to project team members.

Closeout
Once all project activities are complete, the *FE* project manager will confirm with your project manager that deliverables are accepted and meet the agreed-upon scope of work.

2.2 Quality Assurance

FE takes pride in our rigorous quality assurance process. We conduct a comprehensive quality assurance review of deliverables for each project using industry best practices, client feedback, and subject matter experts. Our established Quality Assurance Review Board evaluates projects and documents, recommending changes as necessary to the project team. Peer reviewers have skillsets directly applicable to each project but are not involved in the day-to-day project activities.

This approach provides an objective internal audit, confirming the project team has thoroughly evaluated all decisions. The County's project manager will be an active participant in the quality assurance review process, providing feedback on draft documents. The *FE* quality assurance review process provides our clients with the best value for their consulting services investment.

3 Project Understanding and Scope of Work

3.1 Project Understanding

Union County is seeking an independent radio consulting firm to assess three existing VHF radio systems currently serving its police, fire, and EMS agencies. The coverage across these three systems is inconsistent, resulting in large coverage gaps. The systems are also experiencing outside interference due to propagation anomalies. ***FE*** will identify alternatives and provide recommendations to either upgrade to a replacement 800 MHz solution or join the State of New Mexico Digital Trunked Radio System (DTRS).

Assistance from County Staff

We realize you are busy, and your time is valuable. ***FE*** plans to assume the burden of this project and make the most efficient use of your time. We anticipate that the County will have the following responsibilities during the effort:

- Provide information and documentation to ***FE*** when requested.
- Designate a person to act as the County Project Manager, with respect to the work to be performed under this contract.
- Identify County representatives and other stakeholders who will participate in project activities.
- Schedule and confirm the availability of required personnel for project activities.
- Provide adequate conference rooms for on-site meetings.
- Review ***FE*** deliverables within the timeframe of the mutually agreed-upon project timeline.

3.2 Tasks to Be Performed

Project Initiation Meeting

FE is prepared to begin work immediately following contract execution. Upon receipt of a notice-to-proceed, the ***FE*** project manager will schedule a project initiation meeting via video conference with your project manager and designated representatives. The objectives of the project initiation meeting are to introduce team members, establish lines of communication, discuss the scope of services, identify resources, finalize the project schedule, define the responsibilities of participating staff and other stakeholders, and identify critical success factors for the project.

Deliverable: Project Schedule

Project Initiation Meeting Agenda

- Introductions
- Clarify roles
- Review project objectives and expectations
- Review key issues
- Review key milestones/schedule
- Review/clarify deliverables
- Plan interviews and identify interview participants and engagement strategies
- Plan site survey schedule
- Review status reporting methodologies
- Determine final review meeting schedule
- Resolve immediate issues

Documentation Review

FE will request existing system documentation, including FCC licenses, radio shop records, civil-site information, equipment inventories, previous vendor recommendations, and other County-supplied documents needed to assess the radio systems. Performing an initial review of the available documentation is essential because it provides us with data to understand the status of the existing

radio systems, operations, interoperability, and challenges so that *FE* can effectively address users' needs and provide recommendations.

Stakeholder Interviews and Needs Assessment

The *FE* team will conduct on-site interviews with the designated representatives from Union County to understand their current operations, radio communications challenges including coverage and interference, future growth needs, pros and cons of the systems, opinions regarding the State of Mexico radio system, and any concerns. The *FE* project manager will work with the County's project manager to coordinate the logistics of the interviews. During the stakeholder interviews, we will:

- Discuss each agency's issues, requirements, and radio communications upgrade approaches.
- Solicit users' perceptions of current system performance including reliability, capacity, audio quality, and coverage.
- Interview radio dispatch managers to gain further insight regarding the existing configuration, current/future operational needs, and potential improvements.
- Define a prioritized set of needs and requirements to highlight stakeholders' "must-haves."
- Educate users regarding new technologies as to what is practical and cost-effective.
- Begin to build consensus and "ownership" of the project's goals and objectives.

To facilitate our interview process, we will prepare correspondence in advance for your project manager to send to each participant to emphasize the need to actively contribute to this process. Our project manager will develop a customized survey that will form the basis for the interviews so participants have an expectation of the scope and depth of the information we need. The interview approach will generally follow the questionnaire and allow for additional areas of the interviewee's choice to be discussed. Current and future functional, performance, and interoperability needs will be addressed.

FE's methodology reflects our firm belief that the radio system infrastructure should be user-driven rather than technologically or politically driven. To achieve this goal, *FE* will carefully analyze the needs of all relevant agencies to establish a baseline requirements matrix of system capabilities, functionality, support needs, and services. The results of the needs assessment will be included in the final report.

Deliverable: User needs/requirements documented for inclusion in final report

Analysis of Existing Systems

Leveraging our experience surveying thousands of radio sites across the country, our project team will evaluate the status of the existing towers and radio system equipment. *FE* will review data and inventory records provided by County stakeholders and information from the County's radio shop to develop an assessment of the condition of the existing infrastructure and equipment. We will conduct follow-up calls to confirm information, as required.

Our technical lead will spend four days on-site visiting the County's eight sites and evaluating the installed equipment from the three VHF systems, escorted by a designated representative. During the

site visits, our site surveyor will confirm site coordinates, including latitude, longitude, and elevation, and will collect information about the sites, typically including the following:

- Access road and general site conditions
- Perimeter security
- Equipment shelter and available space
- HVAC
- Antennas and mounts
- Nearby obstructions
- Service history and ownership
- Availability of surrounding land
- Transmission line support structure
- Waveguide and dry air systems
- AC, DC, solar power
- Emergency power
- Radio and microwave electronics
- Grounding/variances from standards
- Wireless and fiber connectivity
- Redundancy options between site and buildings

Our technical expert will assess the sites and equipment for functionality and future viability to support additional equipment based on visual observations. He will inventory the existing equipment and document the status of the radio infrastructure equipment, software revisions, backhaul network infrastructure, site facilities, and any site deficiencies. He will evaluate the life expectancy and effectiveness of the County's existing radio systems. The results of the site survey findings will be included in the final report.

Deliverable: Site survey data and system analysis documented for inclusion in final report

Coverage Analysis: Existing Systems and Exploration of Alternative Sites

Radio coverage is one of the most important characteristics of an interoperable communications system. A radio network is of little value if the users cannot access it due to unreliable coverage. Recognizing this years ago, ***FE*** made major investments and developed powerful tools to deliver its analysis services. ***FEPerformancePro***® incorporates proven software for modeling radio network performance accurately.

FEPerformancePro® is based upon EDX Wireless' powerful Signal Pro propagation analysis and Spectrum Center's Spectrum-E© spectrum management software for the most comprehensive radio analyses available in the industry. This suite of tools, along with our proprietary methodologies, provides unparalleled accuracy when modeling communications networks, performing interference analyses, and conducting frequency planning. The results of ***FE's*** coverage studies have been validated by hundreds of federal, state, and local government organizations as well as major wireless vendors and private companies.

FEPerformancePro® services include the following:

- ***FECoverage***® – complete coverage analysis tool
- ***FEMapper***® – using a high-resolution mapping tool, ***FE*** provides telecommunication mapping consulting services
- ***FENetCap***® – using a network capacity analysis tool, ***FE*** provides accurate network capacity information (optional)
- ***FEMitigate***® – using a system-wide interference analysis tool, ***FE*** provides a complete analysis of interference problems
- ***FETeamCoverage***® – interactive user coverage workshop (optional)

- ***FECostPro***® – using a database of the cost of network elements developed from billions of dollars of procurements, ***FE*** provides a detailed analysis of network costs

Using our ***FEPerformancePro***® computer-based software, ***FE*** will conduct radio signal propagation modeling to evaluate the coverage provided by the County's existing VHF radio systems and to develop alternatives to provide the most advantageous coverage across the County. Our models will include a replacement 700/800 MHz system configurations, as well as a map modeling coverage available from the New Mexico DTRS.

FE's coverage expert will load the existing transmit locations and other relevant information into the ***FECoverage***® model and generate a map of existing system coverage using ***FEMapper***®. He will then identify and evaluate potential site locations and configurations to address gaps in coverage, generating coverage maps for the most effective conceptual design to serve the County's agencies utilizing a 700/800 MHz system. ***FE*** will also model the anticipated coverage within the County from the State of New Mexico's DTRS, identifying requirements for additional base station sites needed to meet County coverage goals. For each alternative, our analysis will evaluate mobile and portable coverage (on-street and in-building).

FE will produce coverage maps that depict both "talk in" and "talk out" coverage for mobile radios and portable subscriber units. The map will illustrate both Countywide and in-building coverage. Our coverage expert will work with the County's project manager to determine how coverage plots should be depicted, including, but not limited to, color schemes, topology, roads, and other characteristics unique to the County. The analysis will yield coverage maps as image files that can be viewed using Word or a PDF viewer. The raw data can be manipulated either in a GIS program (such as ArcGIS) or the Google Earth format (KML or KMZ files) to make viewing coverage interactive, allowing clients to zoom in to the street and building level.

Alternatives Analysis

Based upon our coverage analysis, ***FE*** will identify potential tower site placement, equipment architecture, and system type for the alternative that best meets the County's requirements for configuration, spectrum, and reliability:

- ***System Configuration, Equipment, and Technology Analysis—FE's*** technical experts will analyze system architectures, including conventional, simulcast, and trunking, compared to user requirements and the capabilities of existing and emerging technology. ***FE*** will prioritize improvements and describe how operational features will be achieved in an upgraded system.
- ***Build versus Join Analysis—FE*** will evaluate the advantages and disadvantages of the County replacing your systems versus joining the New Mexico statewide system. Recommendations will be developed to provide redundancy of infrastructure sites and equipment in each alternative.

Budgetary Cost Estimates

FE will prepare high-level budgetary cost estimates for each alternative using ***FECostPro®***, our in-house cost analysis tool. The estimates will include relevant system components such as radio system infrastructure equipment, software/hardware updates, dispatch consoles, subscriber units, site support equipment, implementation services, and ongoing operations and maintenance. The ***FECostPro®*** estimate will be based on the following:

- Data collected from previous projects
- Our knowledge of New Mexico, similar counties, and publicly available industry information
- Information collected specifically for Union County's project
- *FE*'s experience with comparable radio systems across the nation

Actual system costs depend highly on final system design choices and conditions in the land mobile radio market during the system procurement phase. ***FE's*** budgetary estimates are intentionally conservative. Typically, vendor proposal pricing is unlikely to exceed ***FE's*** estimates based on a comparable design as outlined in our assumptions. Our cost estimates are based upon recent competitively procured non-discounted pricing. Frequently, system vendors provide discounts for system and subscriber unit purchases; however, dynamics in the competitive systems market make it impractical to forecast the specific discounts vendors may offer at the time of proposal submission.

Radio System Assessment and Alternatives Analysis Report

FE will summarize the results of our interviews, user needs, system analysis, alternatives analysis, budgetary estimates, and recommendations in a draft *Union County Radio System Assessment and Alternatives Analysis Report*. We will meet with your project manager and stakeholders onsite to review the draft report and discuss our findings, then provide ample time for internal County review. We will then incorporate County comments and issue the final *Union County Radio System Assessment and Alternatives Analysis Report*.

Deliverables: Draft and Final Radio System Assessment and Alternatives Analysis Reports

Optional Services

Following the County's decision to move forward, *FE* can provide the following services under a separate scope of work to support the next phase of your radio project:

- Specifications and RFP development
- Procurement and vendor evaluation support
- Contract negotiations support
- Implementation project management

4 Project Team

FE has carefully selected a team of experts with the technical qualifications, real-life experience, and successful track record to deliver the best-in-class consulting services required by the County. Our team is experienced in managing project tasks, producing accurate, on-time deliverables, and completing projects on schedule and within budget. The team's strength comes from hands-on experience working in public safety environments; we understand the issues, challenges, and risks faced by agencies today. We also understand radio communication from both a technologist's and user's perspective.

Our consultants deliver a balanced technical message that is audience specific. They offer a deep understanding of radio fundamentals, P25 digital trunked/simulcast configurations, and emerging wireless communication technologies to achieve optimal upgrade results. *FE* team members have career experience in the following roles:

- Radio system managers
- Radio network technicians
- Telecommunications SMEs
- Communications engineers
- Interoperability coordinators
- Certified PMPs and ENPs
- First responders
- Fire services
- Law enforcement
- Cybersecurity specialists
- PSAP/dispatch managers
- DHS OEC contract specialists

FE will commit the staff and resources needed to fully meet the County's scope and schedule on time, within budget, and in a high-quality manner. Every client receives a designated project manager and team of consultants. Executive management is actively involved in all projects, providing technical and operational guidance. Our technical experts have worked together for years and will guide the County in determining the right solutions specific to your environment.

Title	*Consultant*
VP/Project Director	Mr. Rajit Jhaver
Project Manager	Mr. Greg Senter, PMP
Technical Lead	Mr. Luis Camarillo
RF Coverage Subject Matter Expert	Mr. Julian Duran

Mr. Senter will maintain regular and ongoing communication with the County project team and provide advice, consultation, and written opinions/ recommendations as needed. He will coordinate activities with the County's project manager and serve as a primary resource to the County. He will engage stakeholders through on-site meetings and conference calls and share documents through online tools.

As technical lead, Mr. Camarillo brings extensive experience with system analysis, site surveys, requirements discovery, product lifecycle evaluation, coverage analysis, capacity studies, budgetary cost estimates, and alternatives analysis. Mr. Duran assesses systems, develops RF coverage models, analyzes alternatives, assists with the development of test plans and procedures, and supports clients during assessment, procurement, implementation, and system migration.

The key individuals listed above will perform the work and will not be substituted with other personnel without Union County's prior approval. Resumes for these individuals are provided in the Appendix.

5 Project Experience and References

Provided on the following pages are references that highlight similar projects to Union County's initiative.

FE has been providing consulting services throughout the southwestern region of the United States for over 39 years and has a longstanding presence in and around the State of New Mexico. We understand the system deployment, environmental, and regulatory requirements unique to New Mexico, having provided consulting services to the following regional clients:

- State of New Mexico
- Albuquerque, NM
- Dona Ana County, NM
- Santa Fe County, NM
- State of Arizona
- Arizona Public Service
- State of Arizona
- Casa Grande, AZ
- Cochise County, AZ
- Florence, AZ
- Greenlee County, AZ
- Gila County, AZ
- Maricopa County Association of Governments, AZ
- Mesa, AZ
- Mesa, AZ Utilities
- Navajo County, AZ
- Pinal County, Arizona
- Pinetop Fire District, AZ
- Sedona, AZ
- Salt River Pima-Maricopa Indian Community, AZ
- Routt County, CO
- State of Colorado
- State of Nevada
- Washoe County, NV
- Reno and Sparks, NV
- State of Oklahoma
- State of Texas
- Alamo Area Council of Governments, TX
- Brazos Valley, TX
- Capital Area Council of Governments, TX
- Grapevine, TX
- Central Texas Council of Governments
- Deep East Texas Council of Governments
- East Texas Council of Governments
- El Paso, TX
- El Paso County, TX
- Greater Harris County, TX
- Harris County
- Heart of Texas Council of Governments
- Highland Park, TX
- Houston, TX
- Kilgore, TX
- Longview, TX
- Lower Colorado River Authority, TX
- Lower Rio Grande Valley Development, TX
- Lubbock, TX
- McAllen, TX
- McLennan County, TX
- Missouri City, TX
- Montgomery County, TX
- North Central Texas Council of Governments
- Panhandle, TX
- Rowlett, TX
- Rusk County, TX
- Smith County, TX
- Sugar Land, TX
- Tarrant County
- Wise County, TX
- State of Utah
- Salt Lake City, UT
- Valley Emergency Communications Center, UT

Santa Fe County, New Mexico

Project:	Public Safety Mobile Radio System
Dates:	2017-2019
Services and Deliverables:	• Existing system assessment • Develop detailed requirements • Determine interoperability needs • Research grant funding • Develop RFP • Assist with proposal evaluations • Develop deployment and implementation plan • Develop formal training and migration plan
Technologies:	• Motorola • 800 MHz • VHF • P25 • Digital • Trunked

Overview:

For its public safety agencies, the City of Santa Fe maintained a Motorola Type II Hybrid, 800MHz trunked analog radio system that was nearing the end of life and in need of replacement.

Recognizing the need for a modern, mission hardened communications system, the County contracted with ***FE*** to evaluate the City and County of Santa Fe's radio communications systems, determine what features, functionality, and capacity the system users and stakeholders require, and support planning and implementation for a digital P25 system that is highly reliable and scalable to support the needs of first responders, while keeping pace with technology and regulations.

The City and County each had multiple goals in this project, including meeting a mandate by the Federal Communications Commission to provide better signal reception in rural areas and increase the availability of the radio spectrum and interoperability. The City and County desired a move to a digital system that meets the P25 standard and make the project eligible for available grant funding.

FE interviewed stakeholders, determined future needs including interoperability requirements, developed an RFP for the new P25 compatible system, assisted with vendor proposal evaluation and selection, and provided project management for implementation.

Client Contact:
Elias Bernardino
Deputy County Manager
102 Grant Avenue
Santa Fe, NM 87501
Mobile: 505-795-4471
ebernardino@santafecountynm.gov

SANTA FE COUNTY

North Central Regional Transit District, New Mexico

Project:	LMR Consulting Services
Dates:	2021-2024
Services and Deliverables:	• Provide project management • Develop system design • Review and comment on 2018 System Assessment and Design Report • Conduct onsite visit and user interviews • Develop conceptual design • Estimate budgetary pricing • Assist with FCC license application • Develop project implementation plan
Technologies:	• Conventional Radio System • VHF Low Band

Overview:

FE provided professional consulting services for the North Central Transit District radio system upgrade. The District has an expansive land mobile radio network, including 60+ two-way radios installed in transit and commuter buses, six base stations in two locations and two repeater sites. Building on the District's initial system review from 2018, ***FE*** updated the assessment report, developed a conceptual design, worked with NCRTD partners regarding shared sites/towers, and developed an implementation plan. FE evaluated physical sites, generated updated inventories and coverage maps, drafted a formal training program, assisted with grant research and definition, and assisted with P25 disaster recovery requirements. ***FE*** also provided procurement and implementation support.

Client Contact:
Matthew Cecchett
Vehicle Electronics Technician
1327 North Riverside Drive
Espanola, NM 87532
Phone: 505-479-2570
mattc@ncrtd.org

NORTH CENTRAL RTD

City of Albuquerque, New Mexico

Project:	LMR Systems Assessment and Procurement Support
Dates:	2015-2019
Services and Deliverables:	• Review and analyze existing system and documentation • Conduct user needs and requirements interviews • Prepare system assessments • Assess user radio equipment • Develop alternatives analysis • Conduct alternatives review • Develop technical specifications • Support vendor evaluations • Support contract negotiations
Technologies:	• 700 MHz • Digital

Overview:

The City selected ***FE*** to assess the existing radio systems, determine system needs and requirements, and develop technical specifications for a new system. ***FE*** conducted multiple interview sessions to determine how the existing systems were used, identify communications and interoperability requirements, assess whether current systems met user needs, and determine future features and improvements. ***FE*** developed reports for each of the three existing systems assessing the technical and operational characteristics of each system.

FE developed alternatives to replace the current systems and worked with users to identify solutions that to best meet the needs of users. ***FE*** further developed technical specifications and supported procurement efforts in the selection of a replacement radio system.

The City and County benefited from a comprehensive needs assessment which included all affected public safety, general services, and transportation agencies in a holistic manner. The resulting interoperable system requirements led to a more robust and sustainable radio communications system for all City and County radio system users.

Client Contact:

James Beaudet III
Network Information Systems Manager
Department of Technology and Innovation
1801 4th Street, Building C
Albuquerque, NM 87102
Ph: 505-768-2724
jbeaudet@cabq.gov

City of El Paso, Texas

Project:	Metro Area Communications System Consulting
Dates:	2012-ongoing
Services and Deliverables:	• Assess needs • Review FCC licenses • Analyze coverage • Deliver Alternatives Analysis & Recommendations Report • Analyze interoperability • Estimate costs • Evaluate backhaul network and performance • Develop conceptual design • Develop RFP specification • Support procurement and implementation • Support contract negotiation • Evaluate and design automated dispatch and fire station alarm system
Technologies:	• P25 • 800 MHz • Motorola ASTRO • Digital • Trunked

Overview:

The City of El Paso selected ***FE*** to provide radio system consulting, including evaluating existing and proposed Motorola systems and providing recommendations for future phases of the El Paso Metropolitan Statistical Area Communications System (EPMSACS). ***FE*** reviewed system documentation, conducted interviews, performed site surveys and equipment inventories, and conducted an independent coverage analysis to predict the performance of the new system. ***FE*** prepared an Alternatives Analysis and System Recommendations Report.

FE developed a six-site, 15-channel 800 MHz ASTRO 25 radio system alternative design to support P25 VHF radio communications. ***FE*** developed technical specifications based on the city-approved high-level design and recommendations. ***FE*** reviewed vendor proposals and supported contract negotiations, saving 10% of the system cost and overall project savings of several million dollars.

Based on ***FE***'s analysis and design work, the City retained our consultants to support the implementation of the system and assist with the design and procurement of a new automated dispatch and fire station alarm system. ***FE***'s final task was oversight to minimize user-level performance interruption or system performance degradation. ***FE*** continues to support the City of El Paso with 800 MHz reconfiguration support in accordance with FCC regulations.

Client Contact:
Frank Mendez
Project Manager
El Paso Fire Department
416 North Stanton Street, Suite 200
El Paso, TX 79901
Ph: 915-479-6167
Mendezf@elpasotexas.gov

6 Cost Proposal

6.1 Firm Fixed Price

The total firm fixed cost, including labor, travel, and other direct costs, for the Union County, New Mexico radio consultant project is $89,446.

FE's proposed costs for this project are indicative of the efficiency of our operations, our proven automated tools, our vast experience completing similar projects, and our view of the strategic nature of the County's project. Further, it is not our culture to "up-scope" during contract negotiations or during the project, unless the County adds scope of work beyond that outlined the scope of work.

6.1 Hourly Rates

FE will provide services in accordance with the rate schedule below.

Effective through December 31, 2025

GSA MAS Schedule 70
Contract Number: GS-35F-0159Y
Federal Engineering Rates

Labor Category	*GSA Price w/IFF*
Project Executive	$291.94
Senior Program Manager	$228.55
Project Manager	$175.22
Senior Technology/Operations Specialist	$252.54
Subject Matter Expert III	$211.79
Senior Subject Matter Expert II	$180.88
Subject Matter Expert I	$154.28
Senior Network Analyst	$185.31
Senior Analyst	$123.69
Analyst	$92.77
Senior Technical Writing Specialist	$110.83

6.2 Basis of our Proposal

1. This proposal assumes Federal Engineering, Inc. will perform the tasks as called out in the scope of work (excluding optional tasks). The deletion of a task, a significant change in scope of one or more tasks, or use of a phased implementation approach may affect the overall price.
2. *FE* will provide draft and final deliverables electronically to Union County, New Mexico.
3. This proposal assumes that the County's project manager will schedule meetings, provide meeting facilities, notify attendees, and arrange for onsite visits.
4. Any optional or additional tasking will be authorized by mutual agreement of the County and *FE*. Such tasks will be performed on a time and materials basis in accordance with the rates in GSA MAS Schedule 70 or on a fixed price basis as mutually agreed upon in a task order by the County and *FE*.
5. *FE's* ability to fulfill this task depends, in part, on the willingness and ability of the Union County, County participants, equipment vendors, service providers, third parties, and others to provide information in a timely manner, and upon the accuracy of the information as supplied. The accuracy of input data, whether provided in electronic or hard copy form, and the recommendations, actions, system designs, and license filings resulting therefrom cannot, therefore, be warranted by *FE* nor can *FE* warrant the performance, suitability, or reliability of said systems. *FE* accepts no responsibility or liability to any third party in respect to any information or related work product delivered by *FE;* and the County shall indemnify *FE* for any legal expenses, claim, suit, or judgment by a third party. This information is subjective in certain respects, and, thus, susceptible to multiple interpretations and may need periodic revisions based on actual experience and subsequent developments.
6. *FE* is prepared to begin this project immediately upon execution of the contract. This proposal is based upon a start date on or before March 31, 2025, and assumes a four-month schedule. Delays to the project schedule due to actions or lack of actions on the part of Union County, County participants, third parties, and others, including but not limited to vendor protests, protracted contract negotiations, vendor delays that impact the program schedule and/or costs to the County will be brought to the attention of the County's project manager in a timely manner, and the schedule and cost impacts will be reduced to writing via a mutually agreed upon contract amendment.
7. In the event of a project delay by the County, *FE* reserves the right to invoice for efforts expended towards the completion of a task or deliverable, and the County agrees to pay the invoice.
8. This proposal assumes a mutually agreeable invoicing schedule for work completed.
9. *FE* reserves the right to assign/reassign work efforts and associated costs across tasks and between our professional staff members to meet our contractual obligations to the County.

7 Appendix—Resumes

Rajit Jhaver

Associate Vice President / Director

Mr. Jhaver is responsible for providing consulting services for public safety mission-critical voice communications to state and local government customers. His 24 years of experience include designing and implementing communications systems for a major radio vendor as well as independent consultant. His roles include assessing current communications infrastructure and local needs, developing system requirements, and providing design alternatives including cost-benefit analyses for each. Mr. Jhaver has in-depth experience in APCO P25 interoperability standards and design as well as all phases of land mobile radio systems engineering. He is also able to analyze cost/benefits, complete economic analysis for systems and provide strategic planning for radio administrators.

Areas of Expertise

- Network design and Implementation
- Site assessment
- Public safety voice and data communications
- Public safety mission critical voice networks

Education and Training

- M.B.A., Strategy, Finance and Economics with Honors, University of Chicago
- B.S., Computer Engineering, University of Toronto, Ontario

Professional Organizations

- PTIG Board of Directors 2023-2025

Project Experience

State/Regional Experience

- Arizona Public Service Company radio system procurement
- Colorado statewide microwave backhaul network procurement support, microwave assessment and DTR assessment
- Washington State Patrol LMR system strategic plan

City/County Experience

- Arapahoe County, CO regional radio consolidation
- City and County of Denver, CO public safety radio consulting
- Routt County, CO Countywide coverage analysis
- Avon, CT radio consulting services
- Elko County, NV radio system analysis
- Deming, NM – Radio system alternatives analysis
- Benton County, OR first responder radio and infrastructure assessment
- Multnomah County, OR radio consulting
- Wallowa County, OR radio consulting and systems analysis
- Northumberland County, VA radio system assessment
- Racine County, WI radio system upgrade and implementation support
- Florence, AZ radio communications improvement and master plan project
- Navajo County, AZ communications roadmap consulting
- Pinetop Fire District, Navajo County, AZ coverage analysis
- Sedona, AZ PSMR radio system enhancement and VHF radio communications upgrade
- Kern County, CA public safety radio and microwave system specifications and implementation and additional procurement services
- Santa Cruz County, VA LMR procurement (Z Consulting)
- San Mateo County, CA microwave and LMR project management and SME consulting
- Ventura, CA radio consulting, procurement and support
- Carson City, NV radio consulting services
- Columbia County, OR radio consulting and procurement

Gregory Senter, PMP

Project Manager

Gregory possesses a wealth of expertise in program leadership, project management, and technology product development, spanning 30 years in the public safety communications and wireless solutions industries. Throughout his career, he has consistently demonstrated a remarkable ability to deliver complex solutions and successfully complete turnkey projects, consistently exceeding customer expectations and providing exceptional experiences.

Gregory's proficiency lies in delivering innovative client solutions and effectively deploying them while strategically planning for efficient project execution. Under his leadership, project commitments, encompassing technical requirements, schedule adherence, performance standards, quality control, financial targets, and compliance obligations, are reliably fulfilled, earning clients' and stakeholders' satisfaction and trust.

Areas of Expertise

- Program leadership
- Strategic planning
- Complex systems solution delivery
- Customer satisfaction focus
- Performance and quality control
- Compliance management
- Financial oversight
- Process improvement
- Client/vendor management
- MS Office/Project/Teams/Visio
- STI Field Test 7

Education and Training

- B.S., Electrical Engineering, Oklahoma Christian University, Cum Laude, 1993
- M.B.A., Technology Management, University of Texas at Austin, Dean's List 2001

Licenses and Certifications

- Project Management Institute, PMP #1259346, 2009
- FCC Amateur Radio License #K15GDV, 2019
- CommScope Design & Integration, ComSearch Microwave Path Engineer, 2019, #BH688381US201AS2

Project Experience

State/Regional Experience

- State of Oklahoma – Statewide radio strategic plan
- Benton, Washington – Utility district radio system evaluation
- Washington State Patrol– LMR system long-term strategic plan
- State of Wisconsin – Statewide radio network consulting and implementation support
- United States Secret Service, National Capital Region – Gap coverage study

City/County Experience

- New Haven, CT – LMR analysis
- Nome, AK – Radio system alternatives analysis and recommendations
- Kern County, CA – LMR upgrade implementation support
- Marin County, CA – Conventional channel assessment
- Santa Barbara County, CA – LMR implementation support
- Santa Fe, NM – Implementation support
- Santa Fe, NM – RECC radio system conceptual design support
- Santa Fe, NM – Radio system alternatives analysis
- South Kingstown, RI – Multi-Site UHF radio system consulting
- Washington County, VA – Alternatives analysis and conceptual design
- Richland, WA – VHF system replacement
- Teton County, WY – Public safety radio system consulting
- Washington County, VA – Alternatives analysis

Luis Camarillo

Technical Lead

Mr. Luis Camarillo is a Certified Telecommunications Engineer with 20 years of hands-on experience in cellular communications, information technology, land mobile radio, and backhaul networks. He has extensive experience with documentation review, site surveys, requirements discovery, product lifecycle evaluation, coverage analysis, capacity studies, and budgetary cost estimates. Mr. Camarillo has worked with dozens of clients on various types of citywide, Countywide, and statewide voice and data systems. He develops functional specifications for radio and backhaul system RFPs and evaluates vendor proposals with a focus on design, compliance, and pricing. Mr. Camarillo engages heavily in implementation support including detailed design review, factory testing, installation inspections, coverage testing, and system acceptance.

Areas of Expertise

- Long-term evolution
- Public safety mobile radio
- Wireless communications
- RF propagation analysis
- VoIP disaster recovery
- Traffic engineering theory
- Electronic circuit analysis
- Engineering management
- Information technology
- Network management

Education and Training

- M.S., Telecom and Information Engineering, Southern Methodist University
- B.S., Telecom Engineering Technology, Texas A&M University

Professional Organizations

- Institute of Electrical and Electronics Engineers
- International Association for Radio, Telecommunications and Electromagnetics

Project Experience

State/Regional Experience

- Arizona statewide public service wireless communications system assessment, design, and implementation
- California Bay Area regional interoperable communications system P25 radio engineering interoperability program
- Colorado statewide DTR assessment, microwave assessment and microwave backhaul network procurement support

City/County Experience

- Arapahoe County, CO regional radio consolidation
- City and County of Denver, CO public safety radio consulting
- Denver County, CO public safety radio consulting
- Bridgeport, CT LMR analysis
- Simsbury, CT public safety radio system analysis
- Nome, AK police and emergency services 9-1-1 and radio system consulting
- Merced County, CA interoperability communications study, procurement and implementation support
- Mono County, CA LMR consulting
- Santa Barbara County, CA LMR implementation support add-on and public safety radio system replacement
- Casa Grande, AZ radio system procurement and implementation system
- Navajo County, AZ communications roadmap consulting
- Del Norte, CA – Interoperability communications assessment and plan
- Kern County, CA – Public safety microwave system specifications and implementation and additional procurement services
- San Diego, CA Public safety radio communications system assessment, design, procurement and implementation

Julian Duran

RF Coverage Subject Matter Expert

Mr. Duran has 11 years of experience in RF coverage design of public safety mission-critical land mobile radio networks, GIS and voice/data traffic analysis, and system design of large-scale wireless networks. Prior to joining ***FE***, he worked for Motorola Solutions for eleven years in pre- and post-sales engineering for state, local, and federal markets. For the first five years of his career, Mr. Duran worked with Motorola's Central Coverage Design Team and was tasked with coverage prediction and optimization for multiple pre-sale and post-sale projects ranging from small DMR systems to Countywide P25 systems. He has extensive experience with best practices that follow TIA TSB-88 standards for public safety radio coverage design and optimization, RF propagation prediction software tools, frequency reuse studies, and microwave best practice guidelines.

Areas of Expertise

- P25 systems
- DMR systems
- LMR
- Wireless networks
- RF propagation prediction software tools, RF link budget, RF propagation models and frequency reuse studies
- Data and Voice traffic/capacity studies
- Aviat Microwave
- GIS analysis
- Frequency licensing application studies for FCC and Regional Planning Committees filing procedures
- Coverage Acceptance Testing Planning
- TCP/IP networks, routing and switching protocols
- TIA TSB-88 standards for public safety radio coverage end to end design and optimization
- EDX Signal Pro

Education and Training

- M.S., Electrical and Computer Engineering, University of Illinois
- B.S., Electrical and Electronics Engineering, Polytechnic University of Puerto Rico

Project Experience

State/Regional Experience

- Maryland statewide 700 MHz public safety communications system

City/County Experience

- Elko County, NV radio system analysis
- Levy County, FL radio system implementation support
- New Haven, CT LMR analysis
- Arapahoe County, CO regional radio consolidation
- Santa Barbara County, CA implementation support
- Santa Cruz County, VA LMR procurement (Z Consulting)
- Sante Fe County, NM implementation support and RECC radio system conceptual design support
- CityScape-Franklin Park, PA wireless communications plan
- Collierville, TN radio consulting
- Mesa, AZ contour study
- New Haven, CT LMR analysis
- Simi Valley, CA radio system contract negotiations support
- Deming, NM radio system alternatives analysis
- Indiana County, PA on-call technical support
- Salt Lake City, UT government radio system consulting services
- Lancaster County, VA implementation support
- Town of Winthrop, ME radio communications upgrade
- Richland, WA VHF system replacement

Union County

RESOLUTION 2025-46

A RESOLUTION IN OPPOSITION OF THE PROPOSED NATIONAL INTEREST ELECTRIC TRANSMISSION CORRIDOR IN UNION COUNTY, NEW MEXICO

WHEREAS, the United States Department of Energy (DOE) has designated a significant portion of land stretching along the eastern side of Union County, New Mexico as a proposed location for the Southwestern Grid Connector National Interest Electric Transmission Corridor (NIETC), without clear benefit to Union County, its citizens, or the State of New Mexico; and

WHEREAS, this proposed corridor spans approximately eighty-seven (87) miles in length and between three (3) to fifteen (15) miles in width along the eastern portion of Union County, this corridor seeks to pave the way for private transmission developers to build infrastructure for energy delivery and storage;

WHEREAS, while the designation of this corridor is intended to enhance the nation's energy grid and support renewable energy growth, many local landowners are raising concerns about the potential risks to our communities and the environment; and

WHEREAS, while Union County has become a prime location for utility-scale renewable energy projects with potential for local economic growth and sustainability and transmission lines would need to be constructed as part of any utility-scale renewable energy project, the designation of the NIETC corridor in Union County will threaten the preservation of agricultural land and rural character of the county; and

WHEREAS, heavy industrial transmission infrastructure and dangerous battery storage for renewable energy could be developed within this corridor and nearby areas; and

WHEREAS, the DOE has failed to adequately notify local officials, landowners, and stakeholders in Union County regarding the scope, purpose, and potential impact of this project, and has not ensured transparency through proper publication of public comment periods in local newspapers or other local means; and

WHEREAS, the DOE has failed to respond to requests from local governments and stakeholders within the proposed NIETC to provide public meetings for local landowners and governing bodies; and

WHEREAS, the DOE has not addressed the potential long-term, negative financial impacts of this corridor to landowners and Union County as the designation of this corridor equates to a form of federal zoning with an undefined period of time, likely resulting in a decrease in land values within the corridor as sellers and real estate brokers of land within the corridor would have a legal obligation to disclose the NIETC designation as an adverse material fact; and

WHEREAS, farming and ranching operations rely heavily on the land for grazing, crop productions, water access and infrastructure. The establishment of electric transmission lines, towers, and associated infrastructure on private agricultural land could pose a serious threat to soil health, water resources, and the ability to conduct business in a way that aligns with sustainable practices, leading to long-term financial damage, and ecological harm; and

WHEREAS, the use of eminent domain to acquire land for the construction of transmission lines would force farmers and ranchers to give up valuable land that has been passed down through generations, potentially disrupting long-established operations, displacing family-run businesses and diminishing economic security for hundreds of families in our rural community; and

WHEREAS, the use of eminent domain for transmission projects resulting from the designation of a NIETC along the eastern side of Union County could potentially benefit large corporations and government agencies at the expense of local communities and private landowners, with minimal direct benefit to those who are most impacted; and

WHEREAS, while Union County understands that eminent domain is a possibility for any transmission line, there is a need for comprehensive and fair alternatives to eminent domain that would balance the need for infrastructure development with the protection of local economies, landowners' rights, and sustainable agricultural practices; and

WHEREAS, farmers, ranchers, and small business owners are the backbone of Union County's economy and should be supported in their efforts to maintain their businesses, protect their land and contribute to the continued success and prosperity of the county; and

WHEREAS, the Board of County Commissioners of Union County is committed to protecting the rights of its residents, preserving the county's agricultural heritage, and ensuring that any major infrastructure projects are conducted with full transparency, proper environmental assessments, and fair compensation to affected property owners.

NOW THEREFORE, BE IT RESOLVED, by the Board of County Commissioners of Union County, New Mexico that:

1. The Board of County Commissioners strongly opposes the Southwestern Grid Connector National Interest Electric Transmission Corridor in Union County, New Mexico due to its lack of transparency, the overreach of federal authority, failure to properly notify local officials and residents, its potential to cause economic and environmental harm, and the use of eminent domain and to instead seek alternate solutions that respect landowners' rights while meeting energy infrastructure needs through collaborative, noninvasive means that do not jeopardize local livelihoods or cultural heritage.

PASSED, APPROVED AND ADOPTED this 11th day of March, 2025.

BOARD OF COUNTY COMMISSIONERS OF UNION COUNTY, NEW MEXICO

A T T E S T
S E A L

Devian Fields, County Clerk

By:

Clayton Kiesling, Chairman

Justin Bennett, Member

Lloyd Miller, Member

UNION COUNTY
Resolution No. 2025-47

Authorization of Health Care Assistance Fund (406) (DFA # 22000) budget increase

WHEREAS, the Board of Commissioners of Union County meeting in regular session on March 11, 2025 did propose to make budget adjustments; and

WHEREAS, the County of Union does, through Budget Resolution 2025-47 ask that authorization for the budgetary adjustments be granted, as summarized in the attachment; and

WHEREAS, the County of Union wishes to increase the transfer from the General Fund (401) into the Health Care Assistance Fund (406) and increase expenditures by one thousand dollars ($1,000.00) in Fund 406 for the increased cost of Indigent Claims in FY 25.

NOW THEREFORE, BE IT RESOLVED the Board of Commissioners of Union County does hereby approve the aforementioned budget adjustments and respectfully requests the authorization for the budgetary adjustments and revisions be granted by the Local Government Division of the Department of Finance and Administration of the State of New Mexico.

IN WITNESS WHEREOF, we have hereunto set our hands and official seal this 11th day of March 2025.

BOARD OF COMMISSIONERS – UNION COUNTY

_____
Clayton Kiesling, Chairman

ATTEST:

_____
Justin Bennett, Member

_____
Devian Fields, County Clerk

_____
Lloyd Miller, Member

State of New Mexico - DFA Local Government Division
Budget Adjustment Request - Union County - 2025
2025-47 BAR and Transfer Indigent Care

Bar ID	Contact	Phone	Email	Status
14-36-19058				ENTITY

Details

Fund	Department	Object Code	PreAdjusted Budget	Adjustment	Adjusted Budget
11000 General Operating Fund 401	0001 No Department 00	61200 Transfers Out 1950	862,473.00	1,000.00	863,473.00
22000 Indigent Fund 406	0001 No Department 00	61100 Transfers In 1951	87,473.00	1,000.00	88,473.00
22000 Indigent Fund 406	4001 Indigent Care 37	57210 Indigent Claims 2096	1,000.00	1,000.00	2,000.00

Justification

Compliance with Section 6-6-2, NMSA, 1978 compilation:

1. The requested budget adjustments were authorized at a scheduled Governing Body meeting open to the public on **0000-00-00**
2. Justification should provide a sufficient explanation for budget adjustment. Backup documentation such as grant award letter or other documents requested by Budget and Finance Analysts, should be submitted on LGBMS.

Approvals

Name	Role	Date
B Thompson	Entity Submitter	3/6/25
	Analyst	
	Bureau Chief	

INVC#	Name	Description	Line Item	PO#	Amount
S6-2947829	A & I CAR CARE	INV#S6-2947829 HUB CAP	402252012	29256	30.69
30.69 TOT$					
PAID	P.O. BOX 1146				
30.69 BAL	STRATFORD TX 79084 1146				
5X02262025	AT&T MOBILITY	CELL PHONE SERVICE	402252007	29360	45.72
1104.48 TOT$		TABLET SERVICE	410532025	29360	40.04
PAID	P.O. BOX 6463	TABLET/CELL PHONE SERVICE	401022007	29360	90.82
1104.48 BAL	CAROL STREAM IL 60197 6463	CELL PHONE SERVICE	415682076	29360	53.20
		TABLET/CELL PHONE SERVICE	401082007	29360	874.70
1X02262025	AT&T MOBILITY	CELL PHONE SERVICE - CLERK	401052007	29360	139.70
176.40 TOT$		TABLET/CELL PHONE SERVICE	401082007	29360	36.70
PAID	P.O. BOX 6463				
176.40 BAL	CAROL STREAM IL 60197 6463				
25-C24446	BENNETTS LLC	CYLINDER LEASE	414672076	29249	23.82
23.82 TOT$					
PAID	P.O. BOX 27				
23.82 BAL	RATON NM 87740				
115261	BRADLEY SUPPLY	INV#115261 PROPANE LIGHTERS	409492076	29185	32.39
32.39 TOT$					
PAID	102 S. FRONT				
32.39 BAL	CLAYTON NM 88415				
117295	BRADLEY SUPPLY	INV#117295 2 10 FT LADDERS	409492076	29185	519.98
519.98 TOT$					
PAID	102 S. FRONT				
519.98 BAL	CLAYTON NM 88415				
117277	BRADLEY SUPPLY	INV#117277 FILL VALVE/TANK FLAP	401032046	29185	38.47
38.47 TOT$					
PAID	102 S. FRONT				
38.47 BAL	CLAYTON NM 88415				
117307	BRADLEY SUPPLY	INV#117307 KEYS	401032046	29185	2.00
2.00 TOT$					
PAID	102 S. FRONT				
2.00 BAL	CLAYTON NM 88415				
5728-458599	CARQUEST-RATON	INV#5728-458599 WIPER BLADES	412612076	29514	39.98
39.98 TOT$					
PAID	326 S. SECOND ST.				
39.98 BAL	RATON NM 87740				
3112025	CHERYL GARCIA	PER DIEM COUNTY DAY ROUNDHOUSE	401022010	29575	54.60
54.60 TOT$		20%			
PAID	416 JEFFERSON ST				
54.60 BAL	CLAYTON NM 88415				
144	CIVILITY GOVERNMENT	LOBBYIST CONTRACT	401012101	29205	1349.22
1349.22 TOT$	RELATIONS, LLC				
PAID	1421 N MAIN ST				
1349.22 BAL	CLOVIS NM 88101				
12232024	COLT BUILDERS INC.	VAULT SHERIFFS OFFICE	607982028	29528	108530.62

	INVC#	Name	Description	Line Item	PO#	Amount
108530.62	TOT$					
	PAID	5304 RATON HIGHWAY				
108530.62	BAL	DES MOINES NM 88418				
	11132025	COLT BUILDERS INC.	RENOVATIONS TO COURTHOUSE	607982028	29489	113540.11
113540.11	TOT$					
	PAID	5304 RATON HIGHWAY				
113540.11	BAL	DES MOINES NM 88418				
	5297653A	DLT SOLUTIONS, LLC.	INV#5297653A AUTOCAD MAP 3D	401062026	29589	707.26
707.26	TOT$					
	PAID	P.O. BOX 743359				
707.26	BAL	ALTANTA GA 30374 3359				
	FY25-8	FRANK G. MAGOURILOS	PREVENTIONIST CONTRACT	426752101	29221	500.00
500.00	TOT$					
	PAID	4909 SUMMERSVILLE DR. NW				
500.00	BAL	ALBUQUERQUE NM 87120 3831				
	1203	FREDDY'S TIRE & SERVICE, LLC	INV#1203 TIRE SERVICE	402252012	29595	180.00
180.00	TOT$					
	PAID	115 S FRONT ST				
180.00	BAL	CLAYTON NM 88415				
	3062025	GOLDEN SPREAD RURAL/FRONTIER	FY25 ALLOCATION	401012099	29412	12500.00
12500.00	TOT$					
	PAID	113 WALNUT ST.				
12500.00	BAL	CLAYTON NM 88415				
	32025	HCA/COUNTY SUPPORTED MEDICAID	FY25 COUNTY SUPPORTED MEDICAID	406372069	29407	21618.02
21618.02	TOT$	NM DFA/MARK MELHOFF				
	PAID	407 GALISTEO ST, ROOM 166				
21618.02	BAL	SANTA FE NM 87501				
	202503	HCA/MEDICAL ASSISTANCE DIVISION	FY25 SNCP	501802076	29385	28824.03
28824.03	TOT$					
	PAID	P.O. BOX 2348				
28824.03	BAL	SANTA FE NM 87504 2348				
	3174	KLMX	INV#3174 PROBATE PRESENTATION AD	401092010	29582	107.86
107.86	TOT$					
	PAID	P.O. BOX 547				
107.86	BAL	CLAYTON NM 88415				
	3072025	KRISTOPHER LAWRENCE	20%PER DIEM STRUCTURE FIRE TRAIN	415682010	29490	174.40
174.40	TOT$					
	PAID	324 CEDAR ST				
174.40	BAL	CLAYTON NM 88415				
	2282025	KRISTOPHER LAWRENCE	PER DIEM FF1/2 ASSISTANT NMFTA	415682010	29567	311.20
311.20	TOT$					
	PAID	324 CEDAR ST				
311.20	BAL	CLAYTON NM 88415				
	7-2025	M.R.S.	COMMUNITY CUSTODY MONITORING	424772307	29305	4326.00
4326.00	TOT$	MONITORING & RECOVERY SERVICES				
	PAID	1226 S. 2ND ST				
4326.00	BAL	RATON NM 87740				

INVC#	Name	Description	Line Item	PO#	Amount
4218105	MAYFIELD PAPER COMPANY	INV#4218105 JANITOR SUPPLIES	401032046	29192	43.14
43.14 TOT$					
PAID	BOX 3889				
43.14 BAL	SAN ANGELO TX 76902				
4230791	MAYFIELD PAPER COMPANY	INV#4230791 JANITOR SUPPLIES	401032046	29192	84.01
84.01 TOT$					
PAID	BOX 3889				
84.01 BAL	SAN ANGELO TX 76902				
88010	MC CLURES BIG J PARTS	INV#88010 HITCH PIN	402252076	29184	9.99
9.99 TOT$					
PAID	P.O. BOX 94				
9.99 BAL	CLAYTON NM 88415				
88012	MC CLURES BIG J PARTS	INV#88012 OIL FILTER/5W40	402252076	29184	141.61
141.61 TOT$					
PAID	P.O. BOX 94				
141.61 BAL	CLAYTON NM 88415				
88015	MC CLURES BIG J PARTS	INV#88015 FUEL HOSE	402252076	29184	3.84
3.84 TOT$					
PAID	P.O. BOX 94				
3.84 BAL	CLAYTON NM 88415				
88096	MC CLURES BIG J PARTS	INV#88096 AIR FILTER/SUPPLIES	402252076	29184	202.84
202.84 TOT$					
PAID	P.O. BOX 94				
202.84 BAL	CLAYTON NM 88415				
88109	MC CLURES BIG J PARTS	INV#88109 FUEL WATER SEPARATOR	402252076	29184	97.00
97.00 TOT$					
PAID	P.O. BOX 94				
97.00 BAL	CLAYTON NM 88415				
88194	MC CLURES BIG J PARTS	INV#88194 ADAPTER/CONNECTOR	402252076	29184	105.77
105.77 TOT$					
PAID	P.O. BOX 94				
105.77 BAL	CLAYTON NM 88415				
88198	MC CLURES BIG J PARTS	INV#88198 PATCH/TIRE CEMENT	402252076	29184	36.24
36.24 TOT$					
PAID	P.O. BOX 94				
36.24 BAL	CLAYTON NM 88415				
88201	MC CLURES BIG J PARTS	INV#88201 ANTIFREEZE	402252076	29184	101.94
101.94 TOT$					
PAID	P.O. BOX 94				
101.94 BAL	CLAYTON NM 88415				
88240	MC CLURES BIG J PARTS	INV#88240 HOSE CLAMP	402252076	29184	17.27
17.27 TOT$					
PAID	P.O. BOX 94				
17.27 BAL	CLAYTON NM 88415				
88100	MC CLURES BIG J PARTS	OIL CHANGE AND BATTERY	499792011	29569	442.30
442.30 TOT$					
PAID	P.O. BOX 94				

INVC#	Name	Description	Line Item	PO#	Amount
442.30 BAL	CLAYTON NM 88415				
111S-568706	MELLOY DODGE	SERVICE/HEATER REPAIR ESC DODGE	415682076	29578	680.21
680.21 TOT$					
PAID	9621 COORS BLVD NW				
680.21 BAL	ALBUQUERQUE NM 87114				
3112025	MICHELLE N. CALLIS	COUNTY DAY ROUNDHOUSE	401082010	29576	54.60
54.60 TOT$		20%			
PAID	27 MAYS RD				
54.60 BAL	CLAYTON NM 88415				
9367-727688	MISSION AUTO SUPPLY	INV#9367-727688 BATTERIES	409492076	29591	234.52
297.51 TOT$		INV#9367-727688 CHARGER	409492076	29591	62.99
PAID	615 EAST 7TH				
297.51 BAL	DALHART TX 79022				
2102025	NM EDGE COUNTY COLLEGE	NM EDGE DWI CLASSES	426752010	29380	225.00
225.00 TOT$	NMSU COOPERATIVE EXTENSION SVC				
PAID	MSC 3 AE, P.O. BOX 30003				
225.00 BAL	LAS CRUCES NM 88003 8003				
2182025	NMC COMMISSIONERS AFFILIATE	2022-2024 COMMISSIONER DUES	401012073	29581	300.00
300.00 TOT$	C/O ROY LEE CRISWELL				
PAID	2750 S RR V				
300.00 BAL	PEP NM 88126				
406334875001	OFFICE DEPOT	INV#406334875001 OFFICE SUPPLIES	401062009	29557	53.87
53.87 TOT$					
PAID	P.O. BOX 660113				
53.87 BAL	DALLAS TX 75266 0113				
406887009001	OFFICE DEPOT	INV#406887009001 OFFICE SUPPLIES	401062009	29557	25.09
25.09 TOT$					
PAID	P.O. BOX 660113				
25.09 BAL	DALLAS TX 75266 0113				
411498695001	OFFICE DEPOT	INV#411498695001BOX OF ENVELOPES	401022009	29583	275.37
275.37 TOT$					
PAID	P.O. BOX 660113				
275.37 BAL	DALLAS TX 75266 0113				
411501635001	OFFICE DEPOT	INV#411501635001 SHARPIE MARKERS	401022009	29583	9.11
9.11 TOT$					
PAID	P.O. BOX 660113				
9.11 BAL	DALLAS TX 75266 0113				
411501640001	OFFICE DEPOT	INV#411501640001 WEB CAM	401022009	29583	26.29
26.29 TOT$					
PAID	P.O. BOX 660113				
26.29 BAL	DALLAS TX 75266 0113				
82205	PENGUIN MANAGEMENT, INC	INV#82205 ON CALL DISPATCH	410532076	29378	914.74
914.74 TOT$					
PAID	2 KIEL AVE., #303				
914.74 BAL	KINNELON NJ 07405				
82174	PENGUIN MANAGEMENT, INC	INV#82174 ANNUAL EDISPATCH	408452076	29590	1569.98

	INVC#	Name	Description	Line Item	PO#	Amount
1569.98	TOT$					
	PAID	2 KIEL AVE., #303				
1569.98	BAL	KINNELON NJ 07405				
	89920	PHIL LONG FORD	OIL CHANGE/TIRES	412612012	29545	138.41
138.41	TOT$					
	PAID	301 S. 2ND STREET				
138.41	BAL	RATON NM				
	89472	PHIL LONG FORD	INV#89472 WINDSHIELD	401082011	29461	1309.90
1309.90	TOT$					
	PAID	301 S. 2ND STREET				
1309.90	BAL	RATON NM				
	89897	PHIL LONG FORD	INV#89897 BRAKES/PADS/ROTORS	401082011	29461	994.52
994.52	TOT$					
	PAID	301 S. 2ND STREET				
994.52	BAL	RATON NM				
	2-022025	PINCKNEY OUTDOOR WORKS LLC	KEVLAR PLATES/EMS PATCHES	412612076	29594	629.00
629.00	TOT$	CHRISTINE SOLICH				
	PAID	507 BRISTOL CHAMPION TOWNLINE RD				
629.00	BAL	BRISTOLVILLE OH 44402				
	3012025	PTCI	SEVICE ACCT#196023	410532025	29198	48.19
48.19	TOT$					
	PAID	P.O. BOX 1188				
48.19	BAL	GUYMON OK 73942 1188				
	27833	PUBLIC SAFETY PSYCHOLOGY GROUP	INV#27833 TRAINING	605922010	29552	4000.00
4000.00	TOT$					
	PAID	P.O. BOX 92002				
4000.00	BAL	ALBUQUERQUE NM 87199				
	42634994	QUILL CORPORATION	INV#42634994 LABELS/MARKERS/PENS	401042009	29553	229.82
229.82	TOT$					
	PAID	P.O. BOX 37600				
229.82	BAL	PHILADELPHIA PA 19101 0600				
	2062025	RANCH MARKET	WATER/GATORADE	402252076	29215	22.99
22.99	TOT$					
	PAID	300 S. FIRST STREET				
22.99	BAL	CLAYTON NM 88415				
	2112025	RANCH MARKET	BATTERIES	401082036	29215	51.69
51.69	TOT$					
	PAID	300 S. FIRST STREET				
51.69	BAL	CLAYTON NM 88415				
	2-2025	RICARDO TRUJILLO	CLEANING SERVICES	401032101	29269	1500.00
1500.00	TOT$	DBA TRU CLEANING SERVICES				
	PAID	416 JEFFERSON ST.				
1500.00	BAL	CLAYTON NM 88415				
	SG240880	SOURCE GRAPHICS	INV#SG240880 INK CARTRIDGES	401062026	29568	558.00
558.00	TOT$					
	PAID	20321 VALENCIA CIRCLE				
558.00	BAL	LAKE FORREST CA 92630				

INVC#	Name	Description	Line Item	PO#	Amount
5430028875	SOUTHERN TIRE MART LLC	INV#5430028875 TIRES	402252043	29585	4407.70
4407.70 TOT$					
PAID	800 HWY 98				
4407.70 BAL	COLUMBIA MS 39429				
22289	SOUTHWESTERN ELECTRIC	ACCT#211115001 SHERIFF SUB	401032025	29194	99.92
1802.90 TOT$		ACCT#211110001 CAPULIN FD	407412025	29194	68.38
PAID	BOX 369	ACCT#211110002 CAPULIN EMS	407412025	29194	79.34
1802.90 BAL	CLAYTON NM 88415	ACCT#211110003 REFD KENTON	410532025	29194	148.66
		ACCT#211110004 GRENVILLE FD	411572025	29194	64.87
		ACCT#211110005 HAYDEN FIRE STA	409492025	29194	71.26
		ACCT#211110006 REFD SENECA	410532025	29194	93.73
		ACCT#211110007 SEDAN FD SCHOOL	408452025	29194	192.60
		ACCT#211110008 SEDAN FD STATION	408452025	29194	57.85
		ACCT#211110009 SEDAN FD PODZEMNY	408452025	29194	224.97
		ACCT#2111100010 SEDAN FD THOMAS	408452025	29194	224.97
		ACCT#2111100011 AMISTAD FD AG	409492025	29194	137.10
		ACCT#2111100012 REFD GILBERTS	410532025	29194	70.62
		ACCT#2111100013 REFD MAIN	410532025	29194	106.65
		ACCT#2111100014 AMISTAD FD WELL	409492025	29194	74.76
		ACCT#2111100015 AMISTAD/HAYDEN	409492025	29194	87.22
27750	SOUTHWESTERN PROPANE	MODINE HEATERS/PIPE/INSTALL	408452081	29538	5017.54
5017.54 TOT$					
PAID	PO BOX 387				
5017.54 BAL	CLAYTON NM 88415				
25871	SOUTHWESTERN PROPANE	PROPANE - AMISTAD NORTH TANK	409492025	29460	188.54
188.54 TOT$					
PAID	PO BOX 387				
188.54 BAL	CLAYTON NM 88415				
28301	SOUTHWESTERN PROPANE	PROPANE - SEDAN FD CRAFT RD	408452025	29460	123.45
123.45 TOT$					
PAID	PO BOX 387				
123.45 BAL	CLAYTON NM 88415				
28230	SOUTHWESTERN PROPANE	PROPANE - GRENVILLE	411572025	29460	660.90
660.90 TOT$					
PAID	PO BOX 387				
660.90 BAL	CLAYTON NM 88415				
28163	SOUTHWESTERN PROPANE	PROPANE - CUATES	410532025	29460	300.75
300.75 TOT$					
PAID	PO BOX 387				
300.75 BAL	CLAYTON NM 88415				
28378	SOUTHWESTERN PROPANE	PROPANE - AMISTAD NORTH TANK	409492025	29460	380.25
380.25 TOT$					
PAID	PO BOX 387				
380.25 BAL	CLAYTON NM 88415				
28379	SOUTHWESTERN PROPANE	PROPANE - AMISTAD SOUTH TANK	409492025	29460	720.30
720.30 TOT$					
PAID	PO BOX 387				
720.30 BAL	CLAYTON NM 88415				

	INVC#	Name	Description	Line Item	PO#	Amount
	28380	SOUTHWESTERN PROPANE	PROPANE - AMISTAD HEIMANN RD	409492025	29460	144.75
144.75	TOT$					
	PAID	PO BOX 387				
144.75	BAL	CLAYTON NM 88415				
	28521	SOUTHWESTERN PROPANE	PROPANE - SHERIFF	401032025	29460	179.70
179.70	TOT$					
	PAID	PO BOX 387				
179.70	BAL	CLAYTON NM 88415				
	28809	SOUTHWESTERN PROPANE	INV#28809 HEATER INSTALLATION	409492076	29538	3495.31
3495.31	TOT$					
	PAID	PO BOX 387				
3495.31	BAL	CLAYTON NM 88415				
	29054	SOUTHWESTERN PROPANE	PROPANE - SENECA	410532025	29460	183.45
183.45	TOT$					
	PAID	PO BOX 387				
183.45	BAL	CLAYTON NM 88415				
	28658	SOUTHWESTERN PROPANE	PROPANE - SEDAN FD BOGGS RD	408452025	29460	206.55
206.55	TOT$					
	PAID	PO BOX 387				
206.55	BAL	CLAYTON NM 88415				
	28588	SOUTHWESTERN PROPANE	PROPANE - MAIN	410532025	29460	524.70
524.70	TOT$					
	PAID	PO BOX 387				
524.70	BAL	CLAYTON NM 88415				
	1824532-0	SPC OFFICE PRODUCTS	INV#1824532-0 CHECKS	401022009	29574	48.34
48.34	TOT$					
	PAID	PO BOX 39				
48.34	BAL	GUYMON OK 73942				
	1116	TACTICAL LEGAL SOLUTIONS, LLC	INV#1116 CONTINUING EDUCATION	605922010	29518	1500.00
1500.00	TOT$					
	PAID	1180 COMMERCE DR #13581				
1500.00	BAL	LAS CRUCES NM 88013				
	2142025	TAMI STOGSDILL	REIMBURSEMENT - AVAST	412612076	29402	177.95
177.95	TOT$	670 KENNEDY RD				
	PAID					
177.95	BAL	DES MOINES NM 88418				
	137063	TERRALOGIC DOCUMENT SYSTEMS, INC	SUPPORT SERVICE ANNUAL CONTRACT	401042013	29592	5104.65
5104.65	TOT$					
	PAID	1414 COMMON DRIVE				
5104.65	BAL	EL PASO TX 79936				
	293693	TEXAS REFINERY CORP	INV#293693 RED GREASE	402252012	29586	940.00
940.00	TOT$					
	PAID	P.O. BOX 711				
940.00	BAL	FORT WORTH TX 76101				
	2252025	TOWN OF CLAYTON	ACCT#11-0035-01 ROAD DEPT	402252025	29243	108.16
1879.73	TOT$		ACCT#12-0330-03 SHERIFF	605932025	29243	193.26
	PAID	1 CHESTNUT	ACCT#22-1198-03 SHERIFF	605932025	29243	166.47

	INVC#	Name	Description	Line Item	PO#	Amount
1879.73	BAL	CLAYTON NM 88415	ACCT#32-0214-02 ADMIN	401032025	29243	159.17
			ACCT#32-0220-02 ADMIN	401032025	29243	257.11
			ACCT#32-0275-01 COURTHOUSE	401032025	29243	742.28
			ACCT#32-0280-01 ANNEX	401032025	29243	189.40
			ACCT#41-0655-06 OLD REFD	401032025	29243	63.88
	22025	TRANSUNION RISK & ALTERNATIVE	FY 25 SERVICE	401082036	29224	75.00
75.00	TOT$	DATA SOLUTIONS, INC.				
	PAID	P.O. BOX 209047				
75.00	BAL	DALLAS TX 75320				
	2025-01	TREASURERS AFFILIATE	AFFILIATE DUES FOR 2025	401072010	29596	100.00
100.00	TOT$	LINCOLN COUNTY				
	PAID	PO BOX 970				
100.00	BAL	CARRIZOZO NM 88301				
	34720	TRI-STATE RECYCLING LLC	DUMPSTER SERVICE WEEKLY	411572025	29234	379.12
379.12	TOT$					
	PAID	P.O. BOX 235				
379.12	BAL	TEXLINE TX 79087				
	34364	TRI-STATE RECYCLING LLC	DUMPSTER SERVICE BI-WEEKLY	409492025	29234	82.00
82.00	TOT$					
	PAID	P.O. BOX 235				
82.00	BAL	TEXLINE TX 79087				
	1702435	TRIADIC	W-2S/1099S/SHIPPING	401022009	29534	88.75
88.75	TOT$	P.O. DRAWER 471				
	PAID					
88.75	BAL	DEMING NM 88031 0471				
	25498005	TYLER TECHNOLOGIES, INC.	INSTALLATION FROM REAPPRAISAL	499792028	28913	7547.45
7547.45	TOT$					
	PAID	BOX 203556				
7547.45	BAL	DALLAS TX 75320 3556				
	25-499167	TYLER TECHNOLOGIES, INC.	INSTALLATION FROM REAPPRAISAL	499792028	28913	6472.50
6472.50	TOT$					
	PAID	BOX 203556				
6472.50	BAL	DALLAS TX 75320 3556				
	2850228608	UNIFIRST CORPORATION	INV#2850228608 MONTHLY SERVICE	401032046	29199	59.45
59.45	TOT$					
	PAID	PO BOX 650481				
59.45	BAL	DALLAS TX 75265 0481				
	3042025	UNION COUNTY	PICKUP FROM ASSESSOR DEPT	402252081	29597	4000.00
4000.00	TOT$					
	PAID	BOX 430				
4000.00	BAL	CLAYTON NM 88415				
	45644	UNION COUNTY LEADER	INV#45644 NEWSPAPER FOR BINDING	401042014	29191	52.00
52.00	TOT$					
	PAID	P.O. BOX 486				
52.00	BAL	CLAYTON NM 88415				
	45717	UNION COUNTY LEADER	ORDINANCE 2025-48 HEARING AD	401022008	29580	85.87

INVC#	Name	Description	Line Item	PO#	Amount
85.87 TOT$					
PAID	P.O. BOX 486				
85.87 BAL	CLAYTON NM 88415				
3042025	VIGIL MALDONADO DETENTION CENTER	INMATE HOUSING	424772307	29237	25037.25
25085.71 TOT$		INMATE PHARMACY	424772018	29237	48.46
PAID	444 EAST HEREFORD AVE				
25085.71 BAL	RATON NM 87740				
15099	WAC UPFITTERS, LLC	INV#15099TRANSPORT VAN UPTITTING	605922028	28887	33444.25
33444.25 TOT$					
PAID	2322 CANDELARIA RD., NE				
33444.25 BAL	ALBUQUERQUE NM 87107				
11737	WAC UPFITTERS, LLC	INV#11737TRANSPORT VAN UPFITTING	605922028	28887	6019.01
6019.01 TOT$					
PAID	2322 CANDELARIA RD., NE				
6019.01 BAL	ALBUQUERQUE NM 87107				
15308	WAC UPFITTERS, LLC	INV#15308 RECOVERY EQUIPMENT	605922012	29474	432.39
432.39 TOT$					
PAID	2322 CANDELARIA RD., NE				
432.39 BAL	ALBUQUERQUE NM 87107				
PS060116926	WARREN CAT	INV#PS060116926 BATTERY	402252012	29535	765.74
765.74 TOT$					
PAID	PO BOX 842116				
765.74 BAL	DALLAS TX 75284 2116				
PS060116726	WARREN CAT	INV#PS060116726 CUTTING EDGE	402252012	29535	2720.70
2720.70 TOT$					
PAID	PO BOX 842116				
2720.70 BAL	DALLAS TX 75284 2116				
DM31338	WARREN CAT	INV#DM31338 MACHINE REPAIR	402252012	29535	1106.40
1106.40 TOT$					
PAID	PO BOX 842116				
1106.40 BAL	DALLAS TX 75284 2116				
CS060014651	WARREN CAT	INV#CS060014651 CORE RETURN	402252012	29535	138.46-
138.46- TOT$					
PAID	PO BOX 842116				
138.46- BAL	DALLAS TX 75284 2116				
DM31354	WARREN CAT	INV#DM31354 D8 TRACK REPLACE	402252012	29535	28566.23
28566.23 TOT$					
PAID	PO BOX 842116				
28566.23 BAL	DALLAS TX 75284 2116				
103198140	WEX BANK	FUEL - GRENVILLE	411572076	29236	379.91
14927.78 TOT$		FUEL - DWI	426752010	29236	18.10
PAID	PO BOX 6293	FUEL - ASSESSOR	401062011	29236	72.22
14927.78 BAL	CAROL STREAM IL 60197 6293	FUEL - CAPULIN FD	407412076	29236	173.34
		FUEL - CM	401022011	29236	75.07
		FUEL - REFD	410532076	29236	111.88
		FUEL - SHERIFF	401082011	29236	1907.27
		FUEL - ROAD DEPT	402252044	29236	11627.48
		FUEL - FC	415682076	29236	445.20

INVC#	Name	Description	Line Item	PO#	Amount
		FUEL - CAPULIN	412612076	29236	117.31
6009167	XIT FORD	PROGRAM KEY	401082011	29579	351.47
351.47 TOT$					
PAID	PO BOX 1523				
351.47 BAL	DALHART TX 79022				
2132025	YORK CANYON DENTISTRY	INMATE DENTAL EXAM	424772018	29559	105.00
105.00 TOT$					
PAID	217 YORK CANYON RD				
105.00 BAL	RATON NM 87740				

TOTAL INVOICING 470207.59

Clayton Kiesling
Chair
Justin Bennett
Member
Lloyd Miller
Member

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Clayton, NM 88415
(575)374-8896
(575)374-2763 Fax
www.unionnm.us

Brandy Thompson
County Manager

Stephen C. Ross
County Attorney

Inventory Items for Disposition

- 2006 Ford W141 Pickup Vin # 1FTPW14V36FB14184 Tag #1810
- Bed Topper for Ford Pickup.

DONE at Clayton, County of Union, this 11th day of March, 2025.

UNION BOARD OF COUNTY COMMISSIONERS

_____
Clayton Kiesling, Chairman

_____
Justin Bennett, Member

_____
Lloyd Miller, Member

ATTEST:

_____
Devian Fields, County Clerk