

U.S. Army Corps of Engineers  
Albuquerque District  
Project & Program Status

**Texas**

**SPRING**

**2024**

*Solving our communities' toughest engineering challenges.*

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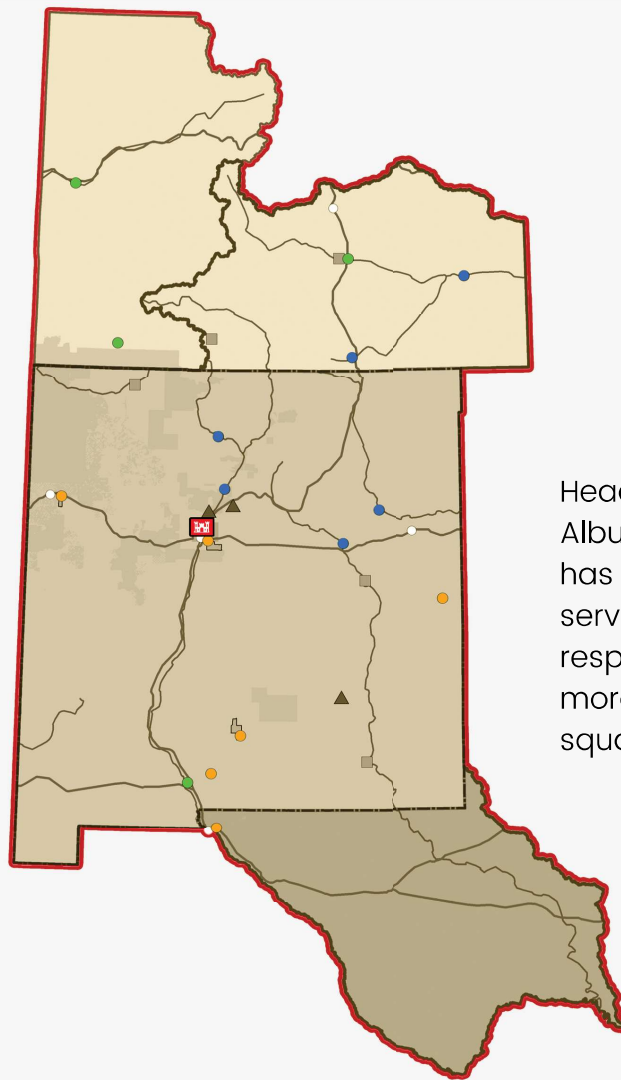
**US Army Corps  
of Engineers®**  
Albuquerque District

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# Mission

Execute the U.S. Army Corps of Engineers Albuquerque District program in collaboration with partners to support national defense, enable economic development, protect the environment, and prepare and respond to disasters.



Headquartered in Albuquerque, the district has 14 field offices, serving an overall area of responsibility totaling more than 200,000 square miles.



# Workforce

**378**

Total Force

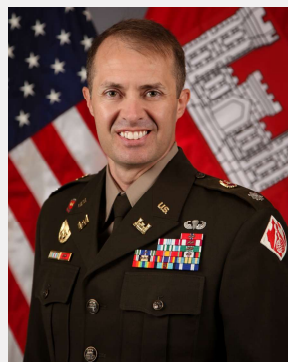
**371**

Civilians

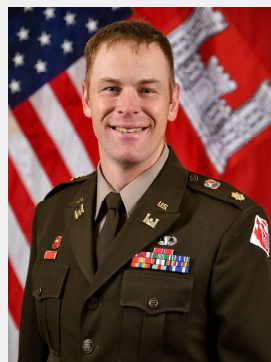
**7**

Military

# Leadership



**Lt. Col. Jerre V.  
Hansbrough**  
Albuquerque District  
Commander



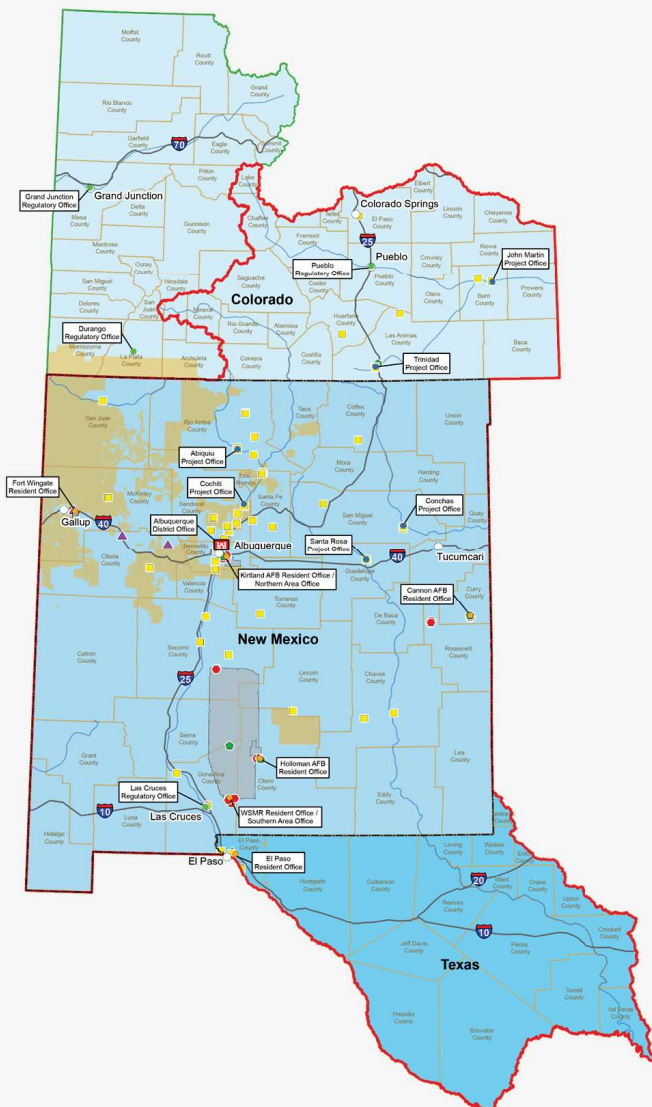
**Maj. Jerard M. Paden**  
Deputy District  
Commander



**Jacob Pauley**  
Deputy Programs  
Manager

\*Click images for full biographies\*

# Featured Projects



## CIVIL WORKS PROJECTS

- General Investigation// Specifically Authorized
  - Española Ecosystem Restoration
  - Middle Rio Grande, Bernalillo to Belen
  - El Paso Central Cebada Flood Risk Mgmt
  - Alamogordo Phase VIII
- Continuing Authorities Program
  - Hatch Dam / Spring Creek 206 / El Paso Rio Bosque
- Environmental Infrastructure Program
- Technical Assistance
- Acequia Restoration and Preservation Program
- Tribal Partnership Program

## OPERATIONS PROJECTS

- Trinidad Upstream Rip Rap Replacement
- John Martin Conduits, Dredging, Bulkheads & Sediment Mgmt Plan
- Cochiti Sustainability Utility Project

## MILITARY CONSTRUCTION PROJECTS

- Defense Threat Reduction Agency (DTRA) HQ Facility
- White Sands Missile Range Information Systems Facility (ISF) Cannon AFB Squad Operations Complex
- Kirtland AFB Wyoming Gate

## ENVIRONMENTAL PROJECTS

- Bulk Fuels Facility
- PFAS (Per- and Polyfluoroalkyl Substances)
- Fort Wingate

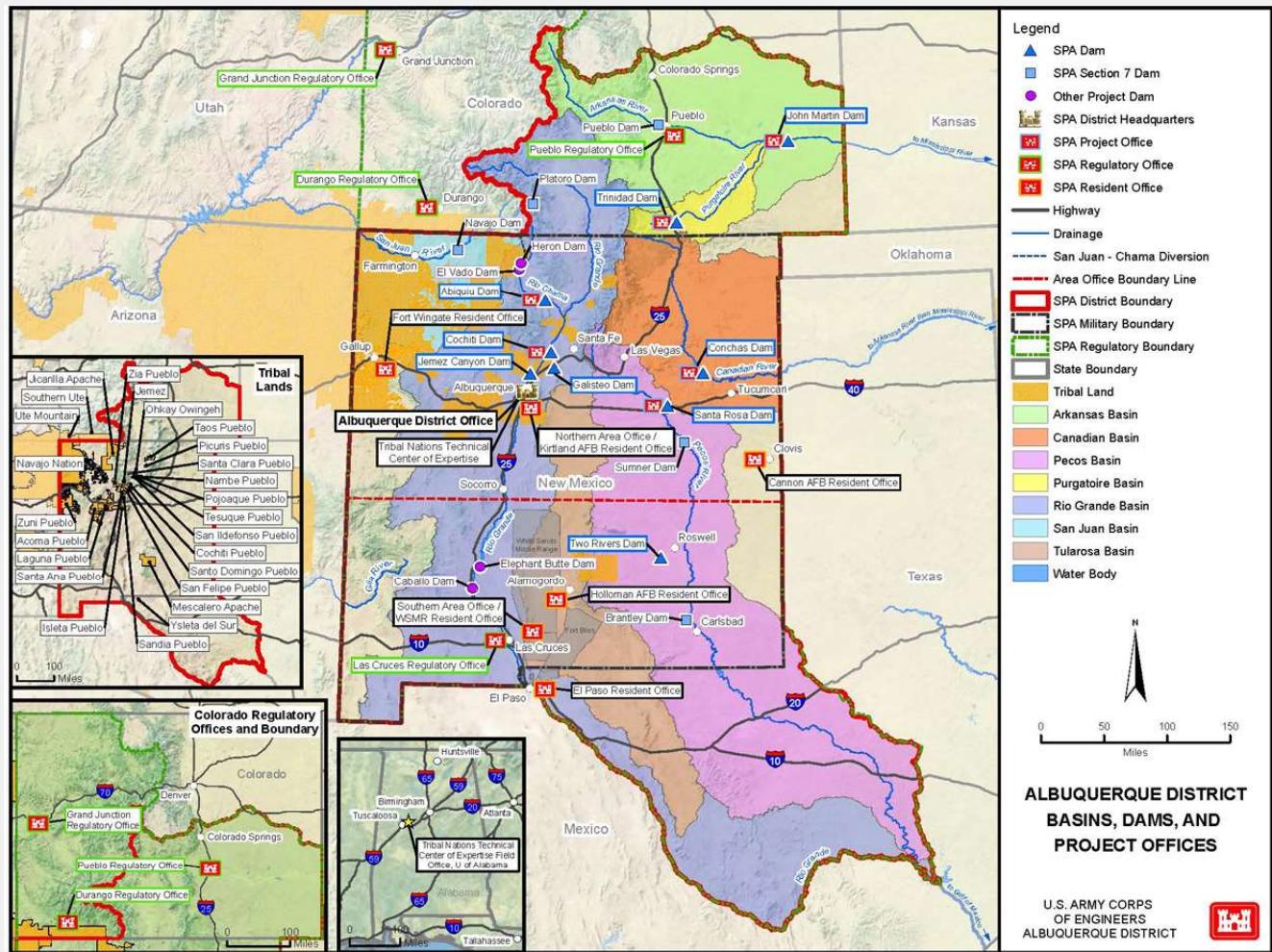
## INTERAGENCY SUPPORT

- Department of Veterans Affairs (DVA) projects in San Diego, Long Beach, and Los Angeles
- Lead district for Navajo Nation Infrastructure MOA

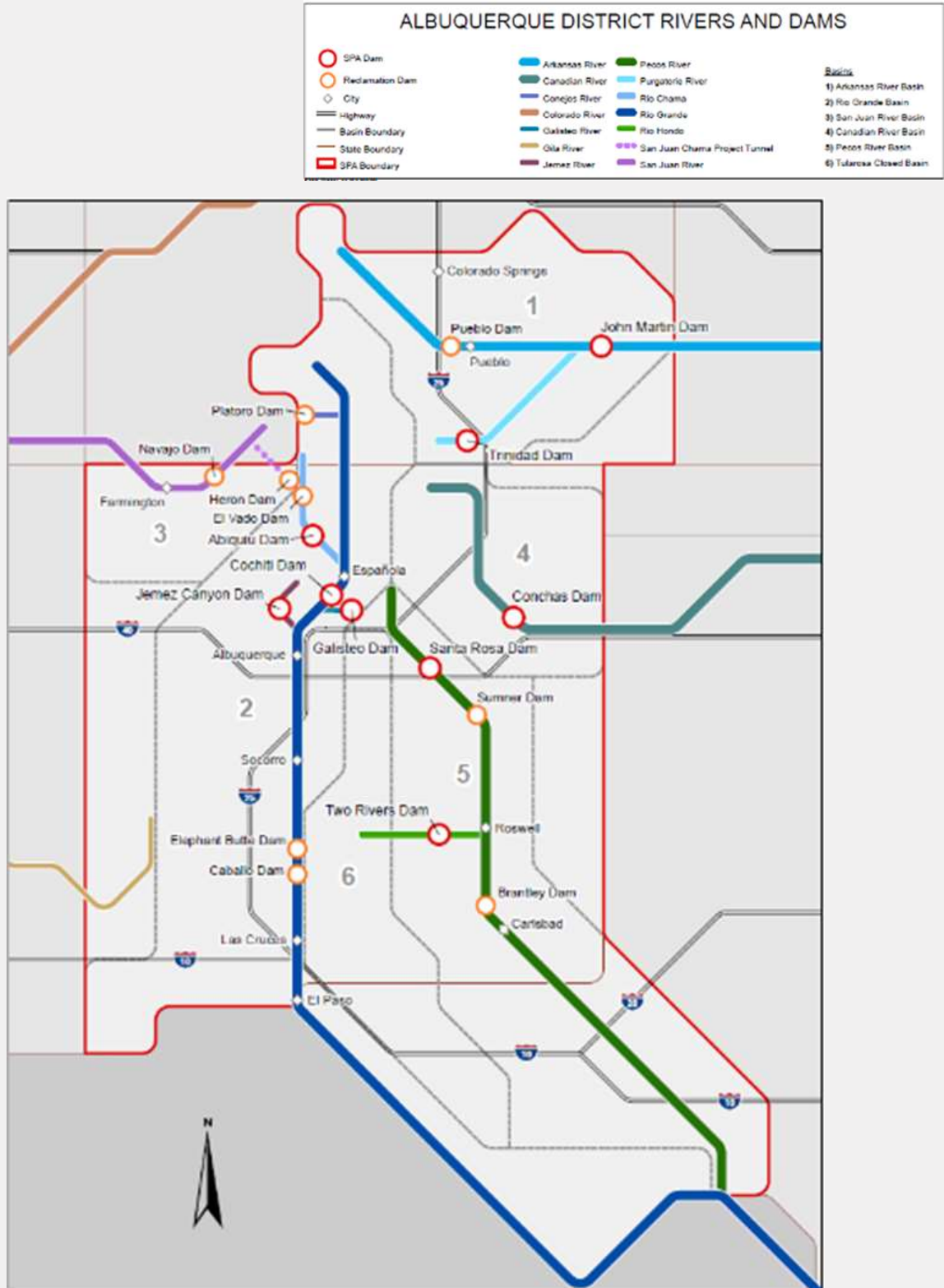
# Business Lines

<b>Military Construction</b> 	<p>Designing and building infrastructure to sustain mission readiness and enhance quality of life for service members and their families.</p> <ul style="list-style-type: none"> <li>Construction agent for 4 major military installations: Kirtland, Cannon, and Holloman AFBs; White Sands Missile Range (WSMR)</li> <li>Additional projects at Ft. Wingate, Ft. Bliss, Ft. Carson, and Pinon Canyon</li> </ul>
<b>Civil Works</b> 	<p>Improving and maintaining navigation for economic development and safety.</p> <ul style="list-style-type: none"> <li>Restoration, protection, and management of aquatic ecosystems</li> <li>McKinley Channel Phase VIII was the first project in the nation to be awarded using Supplemental Funds under the Bipartisan Budget Act of 2018 PL 115-123, Long-term Disaster Recovery Investment Plan (LDRIP) as well as Federal and Non-Federal Funds.</li> </ul>
<b>Flood Risk Management</b> 	<p>Operations and maintenance for navigation, recreation, wildlife and flood risk management.</p> <ul style="list-style-type: none"> <li>Oversee Flood Risk Management for more than 1,200 miles of main river</li> <li>Bernalillo to Belen Levee project to construct 48 miles of levee along the middle Rio Grande</li> </ul>
<b>Environmental</b> 	<p>Restoring the ecosystem / managing resources in a sustainable manner.</p> <ul style="list-style-type: none"> <li>Bulk Fuels: GWTS has treated over 1.4 billion gallons of water to date, resulting in a retraction of the groundwater plume by ½ mile in 5 years</li> <li>USACE is providing technical support to our military partners in identifying and testing for PFAS, as well as executing responses to address these substances when found</li> </ul>
<b>Interagency</b> 	<p>Providing technical assistance to federal agencies, state and local governments.</p> <ul style="list-style-type: none"> <li>Completed the award winning 330,000-square-foot facility for the National Nuclear Security Administration, replacing 25 buildings that were constructed in 1951</li> <li>Providing AE design management and coordination in support Department of Veterans Affairs construction projects at the San Diego, Long Beach, and Los Angeles campuses</li> </ul>
<b>Regulatory</b> 	<p>Protecting the nation's aquatic resources, while allowing reasonable development.</p> <ul style="list-style-type: none"> <li>Lead District for Regulatory Program Administration on Navajo Nation and in Colorado</li> <li>First District in the Nation to volunteer for "Regulators without Borders" support to Mobile, Charleston, and Jacksonville districts.</li> <li>1,868 permit decisions issued over the last five years</li> </ul>
<b>Emergency Management</b> 	<p>Dedicated support to military operations and disaster response.</p> <ul style="list-style-type: none"> <li>Works closely with the State, Tribal and local governments as well as other Federal agencies to support and help manage emergencies within our area of responsibility</li> <li>Led USACE response to the 2022 NM wildfire, the largest wildfire in state history</li> </ul>
<b>Recreation</b> 	<p>Protecting our environment and supporting our communities</p> <ul style="list-style-type: none"> <li>Operate recreation at Abiquiu, Conchas, Cochiti, Galisteo, John Martin, and Two Rivers dams. <a href="https://www.spa.usace.army.mil/Missions/Civil-Works/Recreation">https://www.spa.usace.army.mil/Missions/Civil-Works/Recreation</a></li> <li>Unique opportunities to experience cultural and historic resources, water activities in the desert, excellent camping and hiking</li> </ul>
<b>Tribal Coordination</b> 	<p>Fulfilling our unique trust responsibilities to Tribal Nations.</p> <ul style="list-style-type: none"> <li>23 federally recognized tribes in our AOR + 16 in surrounding states that we consult</li> <li>Espanola Valley Ecosystem Restoration is largest of its type for tribal beneficiaries</li> <li>Two dam projects wholly on Tribal Land (Cochiti Dam and Jemez Canyon Dam)</li> <li>Albuquerque District is the lead District supporting Navajo Nation</li> </ul>
<b>TNTCX</b> 	<p>Tribal Nations Technical Center of Expertise</p> <ul style="list-style-type: none"> <li>The United States Army Corps of Engineers Tribal Nations Technical Center of Expertise (TNTCX) supports USACE's quality and effectiveness in delivering USACE missions and Federal Trust responsibilities to 574 Federally recognized tribes</li> </ul>

# District Map



# Basins & Dams



# FY25 Civil Works Program Summary

<b>Albuquerque District FY25 Civil Works Program in Texas</b> (Numbers shown in Thousands)			
Project Name	Congressional District	FY25 President's Budget	FY25 Amt that can be used
<b><u>Investigations</u></b>			
City of El Paso Flood Risk Management, TX	TX-16, 23	NA	NA
Rio Grande Environmental Management Program, CO, NM, TX	CO, NM, TX	0	200
<b>Subtotal—Investigations</b>		<b>0</b>	<b>200</b>
<b><u>Construction</u></b>			
El Paso County, TX (Section 219)	TX-16, 23	0	48,450
<b>Subtotal—Construction</b>		<b>0</b>	<b>48,450</b>
<b><u>Continuing Authorities Program (CAP)</u></b>			
El Paso Rio Bosque Wetlands, TX (Section 206)	TX-16, 23	0	600
<b>Subtotal—Continuing Authorities Program (CAP)</b>		<b>0</b>	<b>600</b>
<b><u>Operation and Maintenance</u></b>			
Inspection of Completed Works, TX	TX-16, 23	267	430
<b>Subtotal—O&amp;M</b>		<b>267</b>	<b>430</b>
<b>Total TX Civil Works Program</b>		<b>267</b>	<b>49,680</b>



# City of El Paso Flood Risk Management, TX

## Investigations

## U.S. ARMY CORPS OF ENGINEERS

## BUILDING STRONG®

### LOCATION AND DESCRIPTION:

The study area is watersheds draining the western slope of the Franklin Mountains above the highly urbanized Central Cebada area of the City of El Paso, Texas. The study will evaluate measures to reduce flood risk for the population of about 700,000 people and public infrastructure threatened by flooding from rainfall events. Existing flood risk management features include several small dams: Cliff Street Dam, Keltner Dam, Memphis Avenue Dam, Moorehead Avenue Dam, Murchison Avenue Dam, Nashville Avenue Dam, Ohio Street Reservoir Dam, San Diego Dam, Scenic Drive Dam, and Tremont Avenue Dam.



**AUTHORIZATION:** Water Resources Development Act of 2016, Public Law 114-322, § 1201(24), 130 Stat. 1628, 1683 (2016)

### ACTIVITIES FOR FY 2024:

Bipartisan Infrastructure Law (BIL) funds were provided to continue the study however, they have been returned due to the study being terminated. Remaining funds are being used for the closeout process.

### FY 2025 PLANNED ACCOMPLISHMENTS:

No tasks planed for FY25.

### ISSUES AND OTHER INFORMATION:

Severe storm events cause flooding in the center of El Paso that threatens life safety, damages homes, schools, businesses, public property, and public infrastructure, and major interstate highways, roadways, and arteries. Recent flood events have closed Interstate Highway 10 for several hours. This request directly responds to a WRDA 7001 request from the El Paso Water Utilities Public Service Board (EPWUPSB) to reduce flood risk in the heart of El Paso including the need to update/upgrade a system of ten dams. The existing dams need to be assessed from effectiveness, hydraulic and structural perspectives.

**SPONSOR:** El Paso Water (EPW)

**CONGRESSIONAL INTEREST:** Cruz (SEN); Escobar (TX-16)

### FINANCIAL SUMMARY:

As of: 1 APR 24

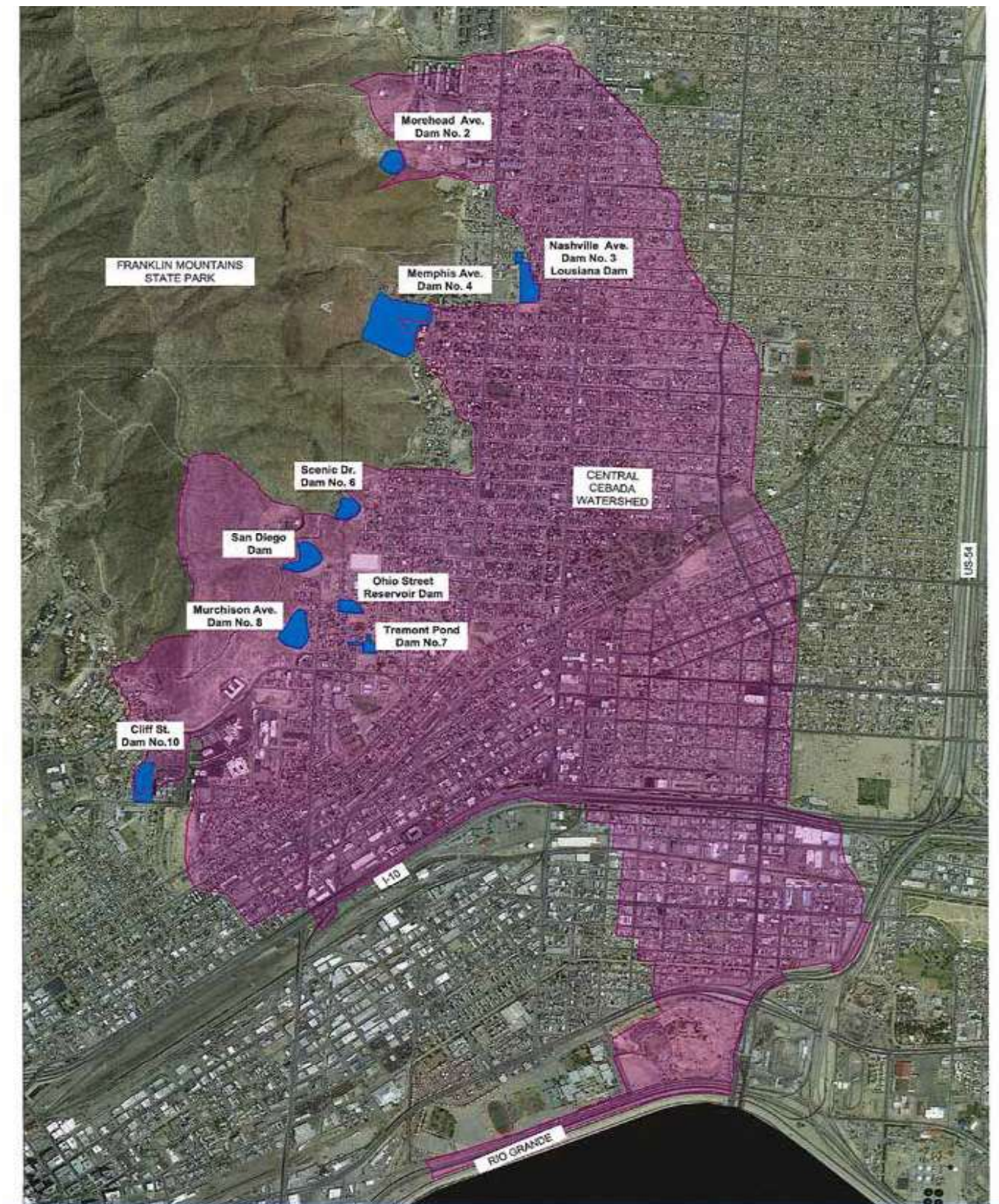
Estimated Federal Cost*	1,700,000
Estimated Non-Federal Cost	1,500,000
Total Estimated Project Cost	3,200,000
Allocation thru FY23	3,200,000
Allocation for FY24	0
FY25 Optimal Funding	N/A
President's Budget for FY25	N/A
Balance to Complete	N/A

\*\$200k Independent External Peer Review (IEPR) not cost shared.

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# Rio Grande Environmental Management Program

Colorado, New Mexico, and Texas

## U.S. ARMY CORPS OF ENGINEERS

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**LOCATION AND DESCRIPTION:** The program authority provides for study and construction of ecosystem restoration projects and flood risk management assessment throughout the Rio Grande Basin. The program management plan will include a basin-wide database for use by all stakeholders that will catalog all pertinent information and on-going activities across Federal, State, tribal, local, and international entities within the Rio Grande Basin in order to more efficiently coordinate activities and avoid duplication of effort by Federal agencies within the basin. The watershed data will also support climate change studies within the basin.

The Rio Grande watershed is the fifth longest in North America, draining approximately 335,000 square miles in CO, NM, and TX. The river and its flood-plain provide a riparian ecosystem unique to the arid Southwest as well as habitat for eight endangered and two threatened species. Water resource management activities (diversion, dams, levees, drains, channelization, jetty jacks) by Federal and other entities have altered the hydrologic regime and ecological processes within the watershed. Together with urban development, these changes have resulted in significant degradation of the ecosystem.



**AUTHORIZATION:** WRDA 2007 Sec 5056 amended by WRRDA 2014 Sec 4006 and WRDA 2020 Sec 318 (extends to 2029).

**ACTIVITIES FOR FY 2024:** Awaiting funding determination.

### **FY 2025 PLANNED ACCOMPLISHMENTS:**

Optimal funding could be used to develop the Program Management Plan and a basin-wide database for use by all stakeholders that will catalog all pertinent information and on-going activities across all entities within the basin.

<b>FINANCIAL SUMMARY:</b>	<b>As of: 1 APR 24</b>
Estimated Federal Cost	15,000,000
Estimated Non-Federal Cost	15,000,000
Total Estimated Project Cost	30,000,000
Allocation thru FY23	3,075,000
Allocation for FY24	TBD
FY24 Optimal Funding	200,000
President's Budget for FY25	0
Balance to Complete After FY24	11,925,000

### **ISSUES AND OTHER INFORMATION:**

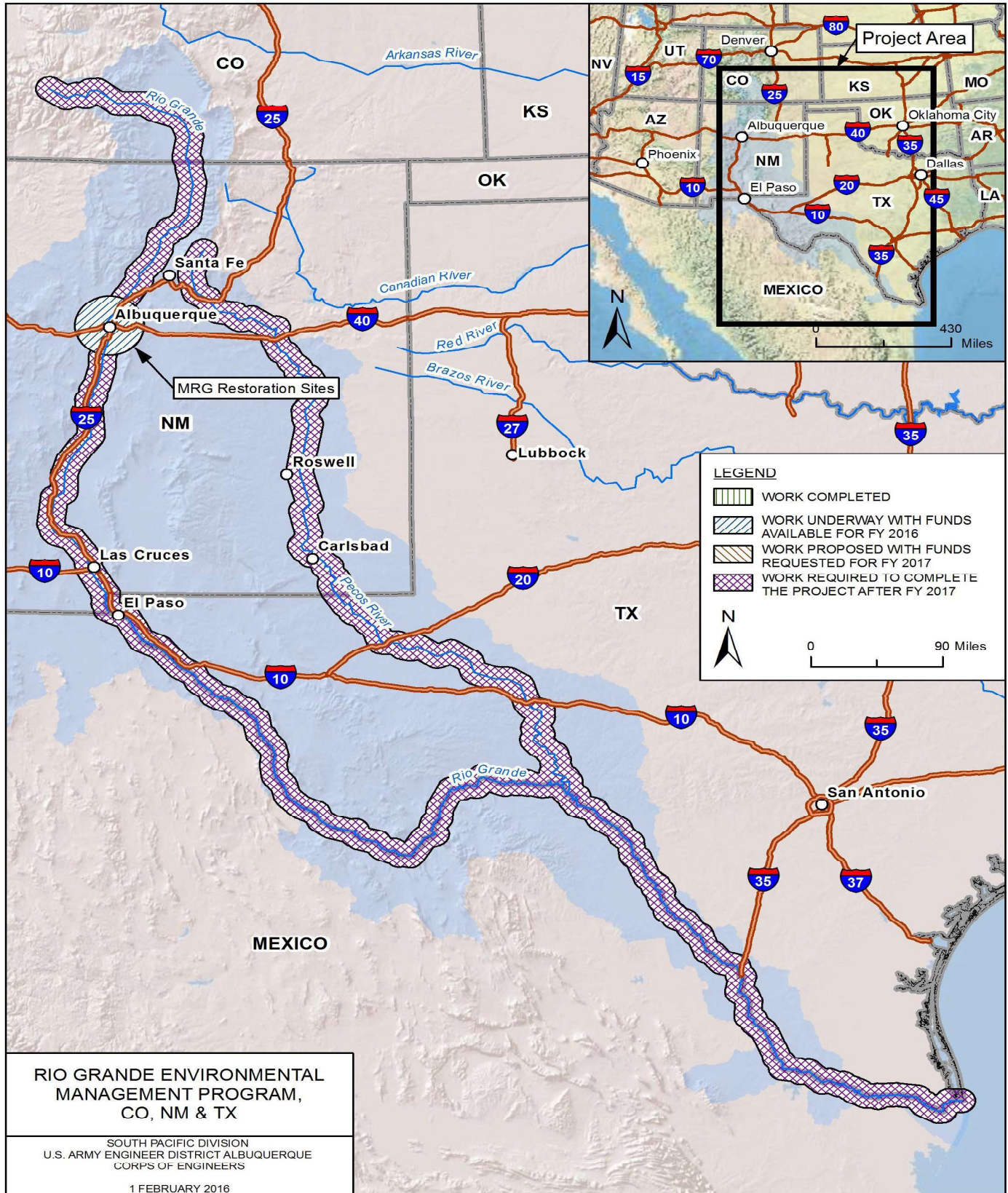
The first project study initiated under this program, Middle Rio Grande, Sandia to Isleta Ecosystem Restoration, completed the Chief's Report and is authorized for Construction in WRDA 2020. \$15M per year is authorized to be appropriated under this program. The difficulty in seeking sponsors for this program is that they need to be 'all in' from each state; otherwise, this places an unfair burden on any single sponsor. Optimally, funding of program-level activities would be at the federal level.

**CONGRESSIONAL INTEREST:** Senators and Representatives in Colorado, New Mexico, and Texas.

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# El Paso County, TX (Section 219)

Construction

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**LOCATION AND DESCRIPTION:** The program provides assistance to non-Federal sponsors in the form of design and construction for water-related environmental infrastructure and resource protection and development of publicly owned projects, including projects for wastewater treatment and related facilities, storm water retention and remediation, environmental restoration, and surface water resource protection and development in El Paso County, Texas. Projects currently being constructed under this program:



- Boone Siphon — The intent of this project is to design and construct a new siphon to handle and offload all the flows from the existing Boone Siphon System.
- Clardy Fox Pump Station — The purpose of this project is to bring the pump station to its design capacity. Improvements consist of the installation of three 131cfs pumps and pump cans, new generator and transformer, new electrical building and service, new gate, rotation of existing transformer and an extension of the existing trash screen.
- Keystone Dam Drainage System — The intent of this project is to repair or design and construct a new toe drain and berm. This will control seepage and stabilize the Keystone Dam's slope. Improvements would protect neighboring areas should the eroding slope give way. Prior to D&I a Dam Risk Assessment must be completed to assess the dam for other possible failures.
- Northgate Diversion Channel — Erosion has weakened the downstream embankment of the channel, causing an increased risk of flooding to downstream properties.
- SAC 1 Detention Basin/Dam — EPW will be decommissioning the Americas 10 Dam and replacing it with four separate detention structures, the first structure is the SAC 1 detention basin/dam. SAC 1 will be designed by EPW consultant to maintain the 100 yr. (1% annual chance exceedance) criteria.
- El Paso Water Flood Warning System — EPW will begin planning and design for a flood warning system.

**AUTHORIZATION:** WRDA 1992 Sec 219, amended by WRDA 2007 (Sec 5158), amended by WRDA-20 Section 352(b)(11). Total cost is based on WRDA authorized amount.

**ACTIVITIES FOR FY 2024:** Complete design and construction for Boone Siphon, complete design efforts for Keystone Dam Drainage System, Northgate Drainage improvements and Clardy Fox Pump Station projects. Execute PPA and begin design efforts for SAC 1 Detention Basin/Dam and the Flood Warning System. Funds are being requested for the following new projects: Keystone Dam Conduit Outlet Lining.

**FY 2025 PLANNED ACCOMPLISHMENTS:** Funds will be requested for any new projects.

<b>FINANCIAL SUMMARY:</b>	<b>As of 1 MAR 24</b>
Estimated Federal Cost	75,000,000
Estimated Non-Federal Cost	25,000,000
Total Estimated Project Cost	100,000,000
Allocation thru FY23	24,813,000
Allocation for FY24	TBD
FY24 Optimal Funding	49,450,000
Balance to Complete After FY24	50,187,000

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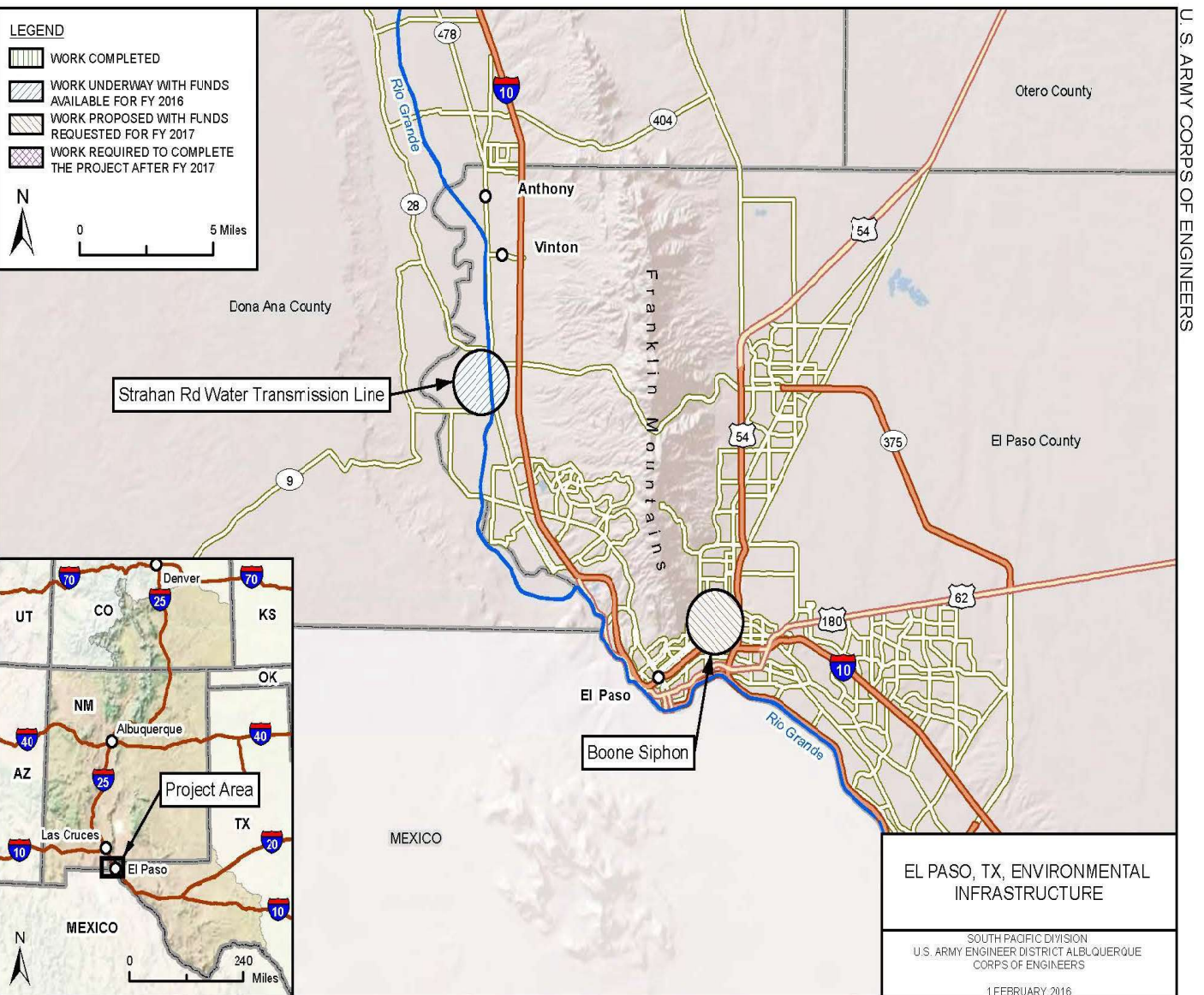
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**ISSUES AND OTHER INFORMATION:** Boone Siphon construction site has contaminated soil (metals and petroleum hydrocarbons) and was previously a landfill; the sponsor was aware of the landfill use but not any contamination. EPW has hired a consultant to mitigate the contaminated soil and design and construct this portion of the alignment, USACE will resume the alignment past the mitigated soil area.

**SPONSOR:** El Paso Water (EPW)

**CONGRESSIONAL INTEREST:** Cruz (SEN); Escobar (TX-16); Gonzales (TX-23)



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# El Paso Rio Bosque Wetlands, TX (Section 206)

Continuing Authorities Program (CAP)

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### LOCATION AND DESCRIPTION:

The proposed project consists of Aquatic Ecosystem Restoration at the Rio Bosque Wetlands Park located within El Paso, Texas. El Paso Water is the non-federal local sponsor for this project. This 372-acre Park is owned by the City of El Paso and is located in extreme southeast El Paso, near Mission Trail. Irrigation canals on the east, west and northern sides enclose the Park. The southern boundary of the Park is adjacent to the Rio Grande which forms the international border between the United States and Mexico in this area. The project would include the restoration and enhancement of the wetlands and riparian vegetation situated within the Rio Bosque Wetlands Park.



**AUTHORIZATION:** Section 206, Water Resources Development Act of 1996.

**ACTIVITIES FOR FY 2024:** The Detailed Project Report (DPR) is being drafted with prior year funds. This is the CAP version of a study's Chief's Report.

### **FY 2025 PLANNED ACCOMPLISHMENTS:**

Pending the outcome of the DPR, funding will be requested to execute a Project Partnership Agreement (PPA) and initiate design for the project. Funding would be used to continue design.

**ISSUES AND OTHER INFORMATION:** An additional \$125,000 was received to complete the feasibility phase of the project. This cost increase was due to issues with the new excess spoil material site.

**SPONSOR:** El Paso Water Utility (EPW).

**CONGRESSIONAL INTEREST:** Cruz (SEN); Escobar (TX-16).

### **FINANCIAL SUMMARY:**

	<b><u>FEAS</u></b>	<b><u>D&amp;I</u></b>
Estimated Federal Cost	979,000	9,000,000
Estimated Non-Federal Cost	879,000	4,846,000
Total Estimated Project Cost	1,858,000	13,846,000
Allocation thru FY23	979,000	0
Allocation for FY24	0	TBD
FY25 Optimal Funding	NA	400,000
President's Budget for FY25	NA	NA
Balance to Complete	0	9,000,000

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# REGULATORY PROGRAM, NM TX CO

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**LOCATION AND DESCRIPTION:** The entire state of NM; west slope, southern, and southwest front range of CO; and west TX from the Pecos River watershed.

The mission of the USACE Regulatory Program is to protect the Nation's aquatic resources while allowing reasonable development through fair, flexible, and balanced permit decisions provided in a timely manner. As part of the evaluation of permit applications, the Regulatory Program balances the reasonably foreseeable benefits and detriments of proposed projects; and makes decisions that recognize the essential values of the Nation's aquatic ecosystems, as well as the property rights of private citizens who want to use their land. Adverse impacts to the aquatic environment are offset by mitigation requirements, which may include restoring, enhancing, creating, and preserving aquatic functions and values.



During the permit application review process, the USACE considers the views of other federal, state, and local agencies, tribes, interest groups, and the general public. The results of this careful public interest review inform equitable decisions that allow for the development of private property and the Nation's infrastructure, and economic growth. The USACE also strives to make its permit decisions in a timely manner that minimizes impacts to the regulated public.

**AUTHORIZATION:** Clean Water Act, Section 404 and Rivers and Harbors Act of 1899, Section 10.

**ACTIVITIES FOR FY 2024:** Prioritizing processing of permits for projects funded by the Bipartisan Infrastructure Law (BIL). As a result of decreases in workload from changes to definition of "waters of the U.S." (WOTUS), SPA voluntarily supported South Atlantic Division Regulatory to assist with their workload. Updating the district Regulatory Division website to make it easier for the public to understand program requirements and apply for authorizations. Drafting Navigation studies for the Rio Grande, Pecos, Canadian, Animas, and San Juan Rivers.

**FY 2025 PLANNED ACCOMPLISHMENTS:** Continue to prioritize processing permits for BIL funded projects. Tribal coordination and relationship building in accordance with the USACE December 6, 2023, Tribal Consultation Policy. This involves extensive coordination with Navajo Nation, as well as the 22 tribes within the SPA boundary.

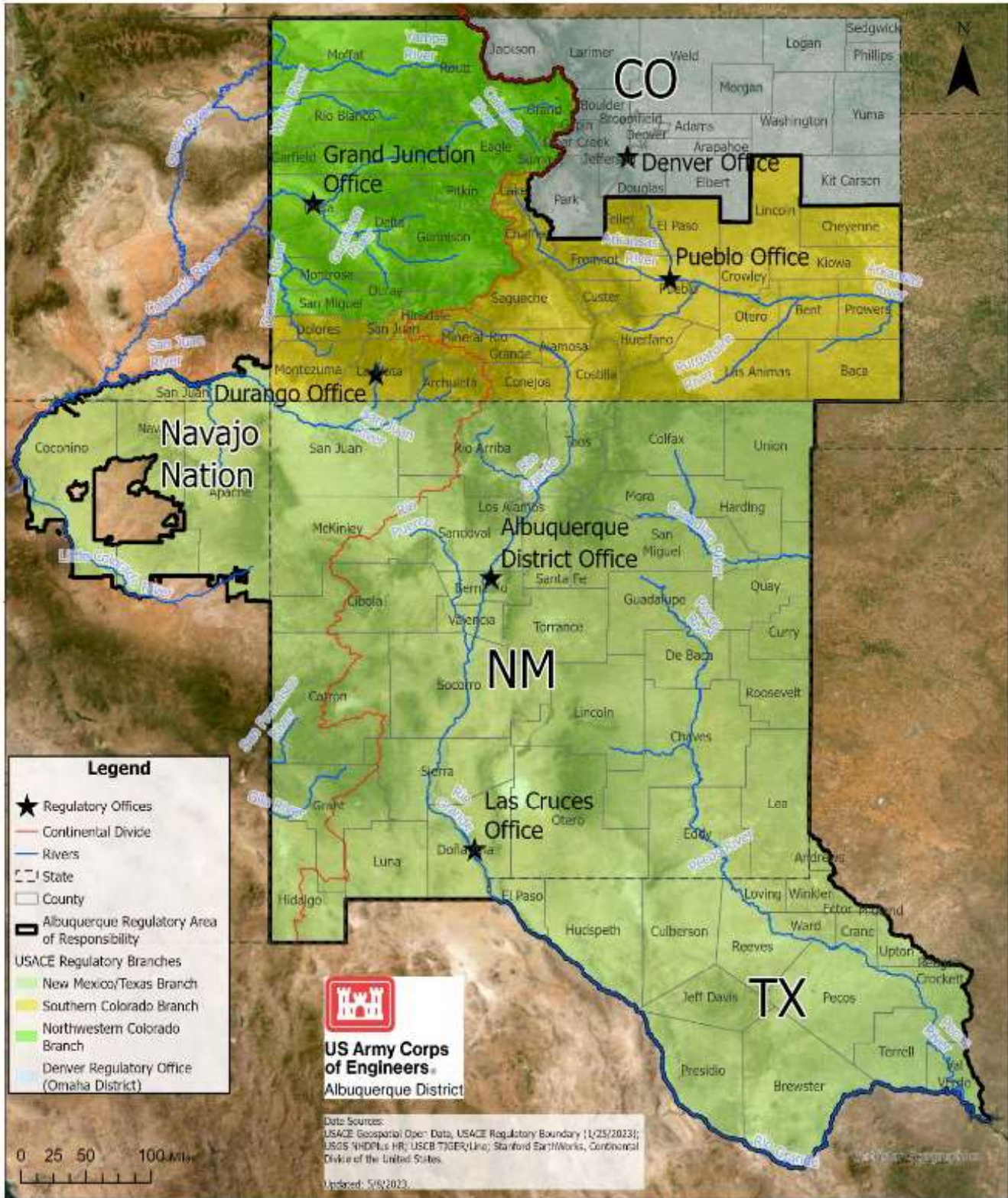
**ISSUES AND OTHER INFORMATION:** Frequent and extreme changes to regulations applicable to the Regulatory Program creates confusion for the public who are becoming increasingly frustrated with these constant changes.

**SPONSOR:** N/A

**CONGRESSIONAL INTEREST:** Senators and Representatives in Colorado, New Mexico, and Texas.

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