



**U.S. Department of Defense**  
Office of Local Defense  
Community Cooperation

# Annual Training Conference National Association of Development Organizations *Installation Resilience Briefing*

*Office of Local Defense Community Cooperation*  
November 2023

Presented By:  
**Margit Myers**  
Program Activity Lead, Installation Resilience





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# Mission Statement

The Office of Local Defense Community Cooperation enables states, territories and communities to plan and carry out:

- civilian responses to workforce, business, and community needs arising from Defense actions and policies;
- cooperate with their military installations and leverage public and private capabilities to deliver public infrastructure and services to enhance the military mission, achieve facility and infrastructure savings as well as reduced operating costs; and,
- increase military, civilian, and industrial readiness and resiliency, and support military families



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# OLDCC Program Activities

- Installation Resilience (IR)
  - Compatible Use (CU)
- Public Schools on Military Installations (PSMI)
- Diversification
- Community Noise Mitigation (CNM) – forthcoming competitive program
- Defense Community Infrastructure Pilot Program (DCIP) – competitive program
- Defense Manufacturing Support Communities (DMSCP) – competitive program
- Realignment
- Growth

Sign up for Updates





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# Resilience Authority

## 10 U.S.C. 2391(b)(5)(D):

The Secretary of Defense may also make grants, conclude cooperative agreements, and supplement other Federal funds, in order to assist a State or local government in planning, enhancing infrastructure, and implementing measures and projects (to include resilience measures and projects involving the protection, restoration, and maintenance of natural features) that, as determined by the Secretary of Defense, will contribute to maintaining or improving military installation resilience or will prevent or mitigate encroachment that could affect operations of the Department of Defense.





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# “One Community”

Local Installation(s) + Local Jurisdiction(s)  
+State(s)





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# Installation Resilience

## Resilience Risks:

- Flooding & Tidal Surge
- Wind
- Drought
- Wildfire
- Earthquake

## Resilience Impacts:

- Water Availability
- Stormwater
- Wastewater
- Installation Energy
- Operational Energy (logistics infrastructure)
- Transportation (logistics)
- Installation Access
- Communications
- Income-based Housing







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# Installation Resilience

## Compatible Use Challenges:

- Air Space and Land Restrictions
- Airborne Noise
- Urban Growth
- Spectrum Encroachment
- Endangered Species/Critical Habitat
- Energy Compatibility
- Air Quality
- Cultural Resources
- Marine Resources
- Security





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# Program of Assistance

- Initiated either through a Military Service nomination or by a community inquiry
- May be a comprehensive Installation Resilience Review or focused study for a selection of resilience factors
- Holistic “Installation Resilience” Review
  - Develop Program Framework – Develop Work Plan, Project Team, and Steering Committee
  - Identifying and Map Resilience Risks
  - Identifying and Assess Natural and Manmade Threats
  - Understand Impacts and Consequences of Identified Vulnerabilities
  - Map Out Existing Responsibilities/Capabilities of Installation and Surrounding Communities
  - Make Recommendations for Resilience Implementation Activities
- Tabletop Exercises with installation and community stakeholders





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# Installation Resilience Roles

## Installation

- Partner with the community by recommending and supporting the nomination
- Represent installation interests (Installation Commander Ex-Officio member)
- Provide releasable data

## Community

- Partner with the installation by sponsoring the effort
- Fund its part of the effort (10% non-Federal match)
- Administer the grant
- Implement recommendations

## Office of Local Defense Community Cooperation

- Enabler of the partnership
- Provide guidance to initiate, conduct and complete a community-driven effort
- Provide technical and financial assistance to the local jurisdiction and installation
- Facilitate communications between the local jurisdiction and the installation





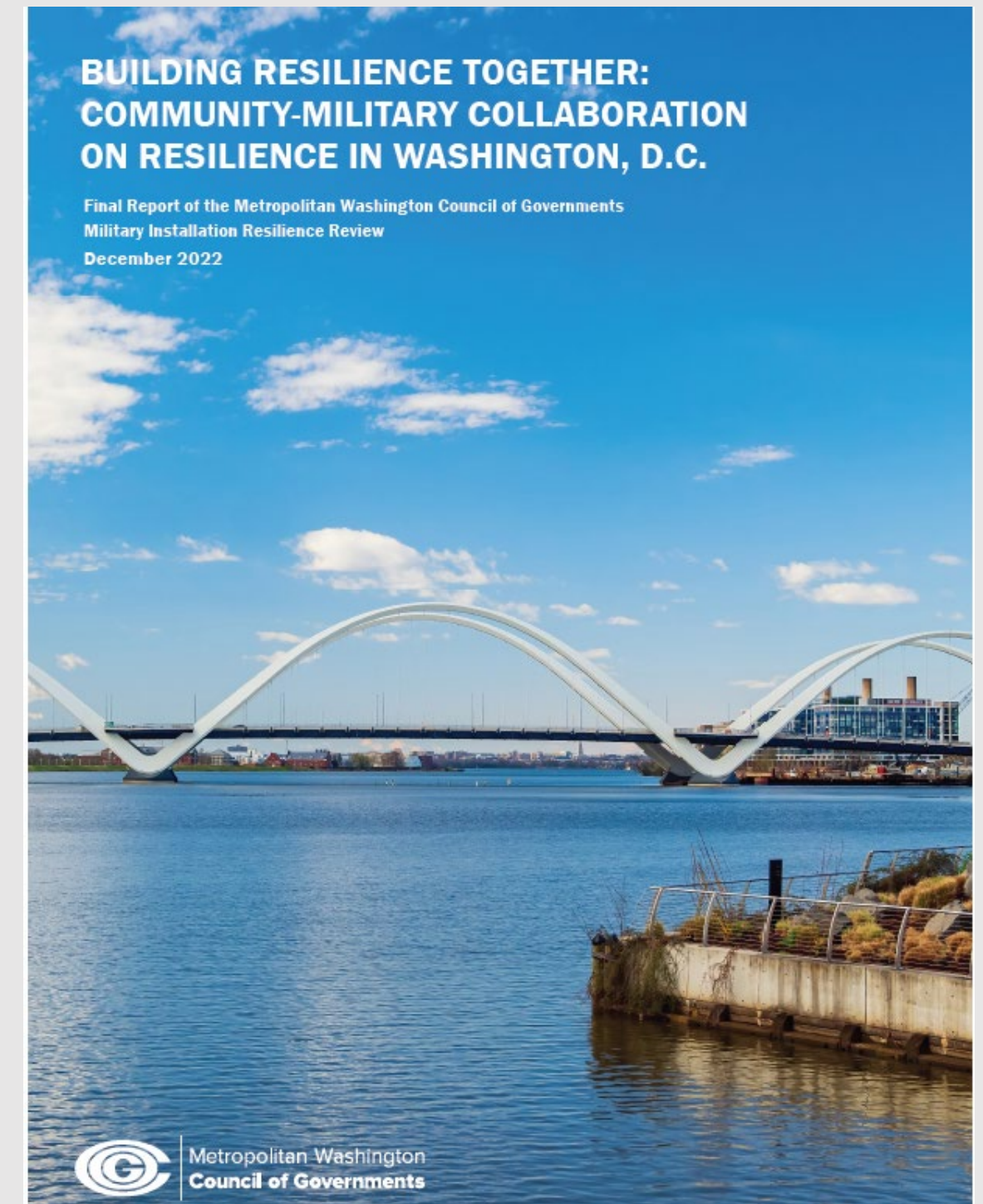




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# NSA Washington, JBAB, Fort McNair

- **Issue:** Regional resilience and collaboration
- **Project Study Area:** Washington, DC Installations: NSA Washington, JBAB, Fort McNair, and surrounding jurisdictions.
- **Action:** Military Installation Resilience Review completed in 2022; Grant 2 will focus on implementation including:
  - Climate Impact Assessment
  - Roadmap for Solutions and Funding
  - Tabletop Exercises focused on telecommunications and utilities (electric and water)
  - Develop plan for increased coordination between District of Columbia government and installations



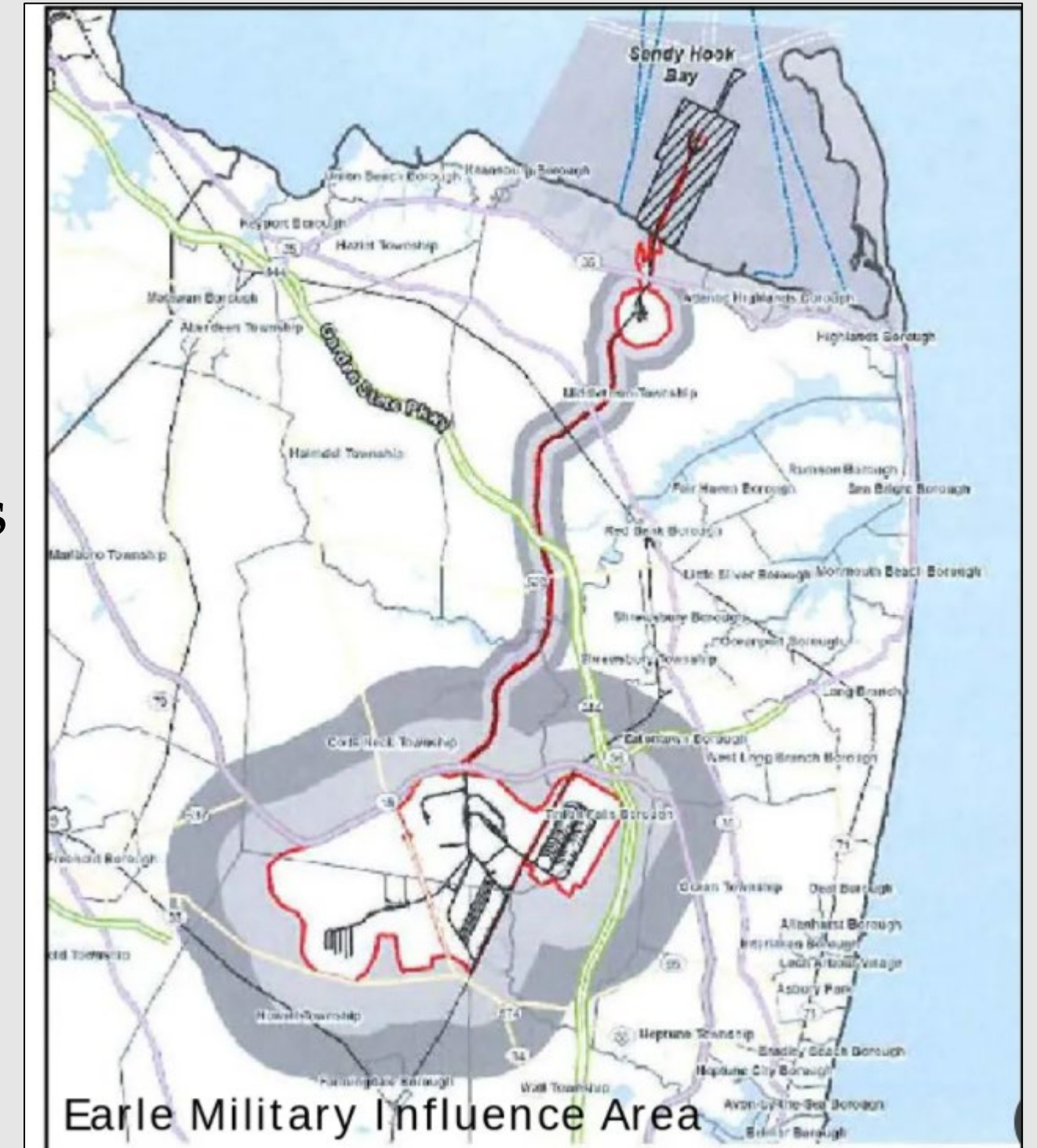




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# Naval Weapons Station Earle

- **Issue:** Naval Weapons Station Earle waterfront pier operations vulnerable to sea level rise, recurrent flooding, and coastal storms
- **Project Study Area:** Monmouth County, NJ and other jurisdictions around southern Sandy Hook Bay
- **Action:** Installation Resilience studies with heavy focus on regional stormwater management and coastal reshoring
  - Regional watershed stakeholders discussed priorities and strengthened cross-coordination
  - Conducted site selection
  - Refined two marsh restoration designs to make public lands in the vicinity of Naval Weapons Station Earle more resilient to current and future coastal hazards

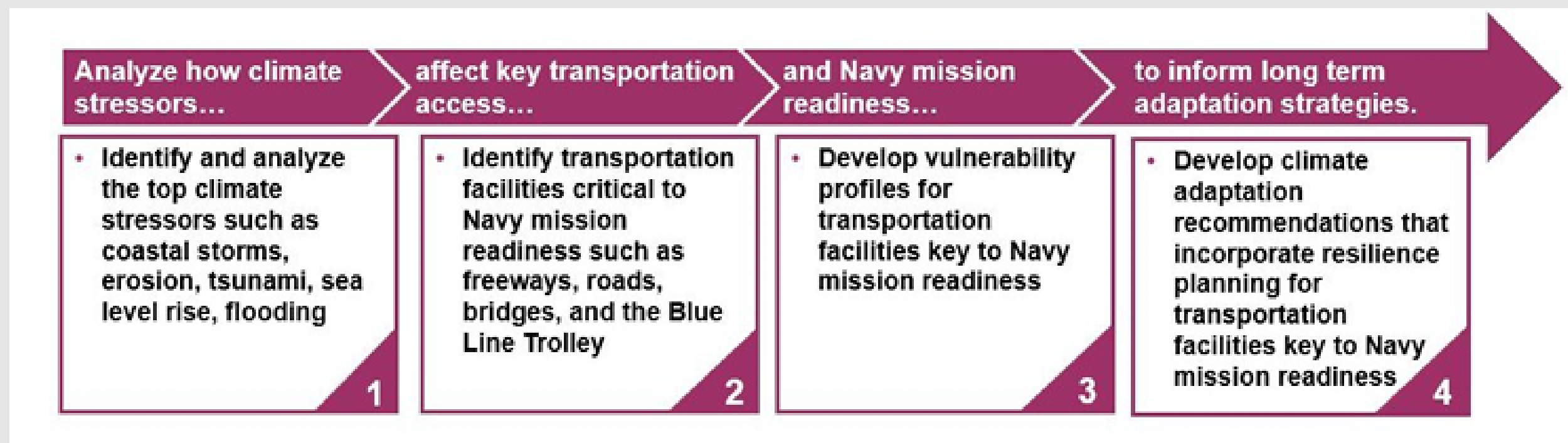






# San Diego Region

- **Issue:** Transportation to maintain ingress/egress from Naval Bases along Strategic Highway Connectors. Traffic congestion and climate factors impact access.
- **Project study area:** Naval Base San Diego, Naval Base Coronado, and Naval Base Point Loma and surrounding jurisdictions
- **Action:** Building off existing regional plans, report provides guidance to the Navy and local and regional agencies on how to better integrate climate considerations into their processes, and safeguard long-term transportation solutions by creating road maps for resilient transit corridors





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## Point of Contact

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# The Alamo Region and JBSA: Taking Partnership to a Whole New Level

*presented by* **Steve Bonner**

Consultant, Alamo Area Council of Governments (AACOG)

NADO, NOVEMBER 2023





# **JBSA and the Alamo Region Resilience: Working Hand in Hand**

**The Alamo Region takes a One Community approach to our own resilience, and that of the missions of JBSA, with the military embedded in every decision and action**

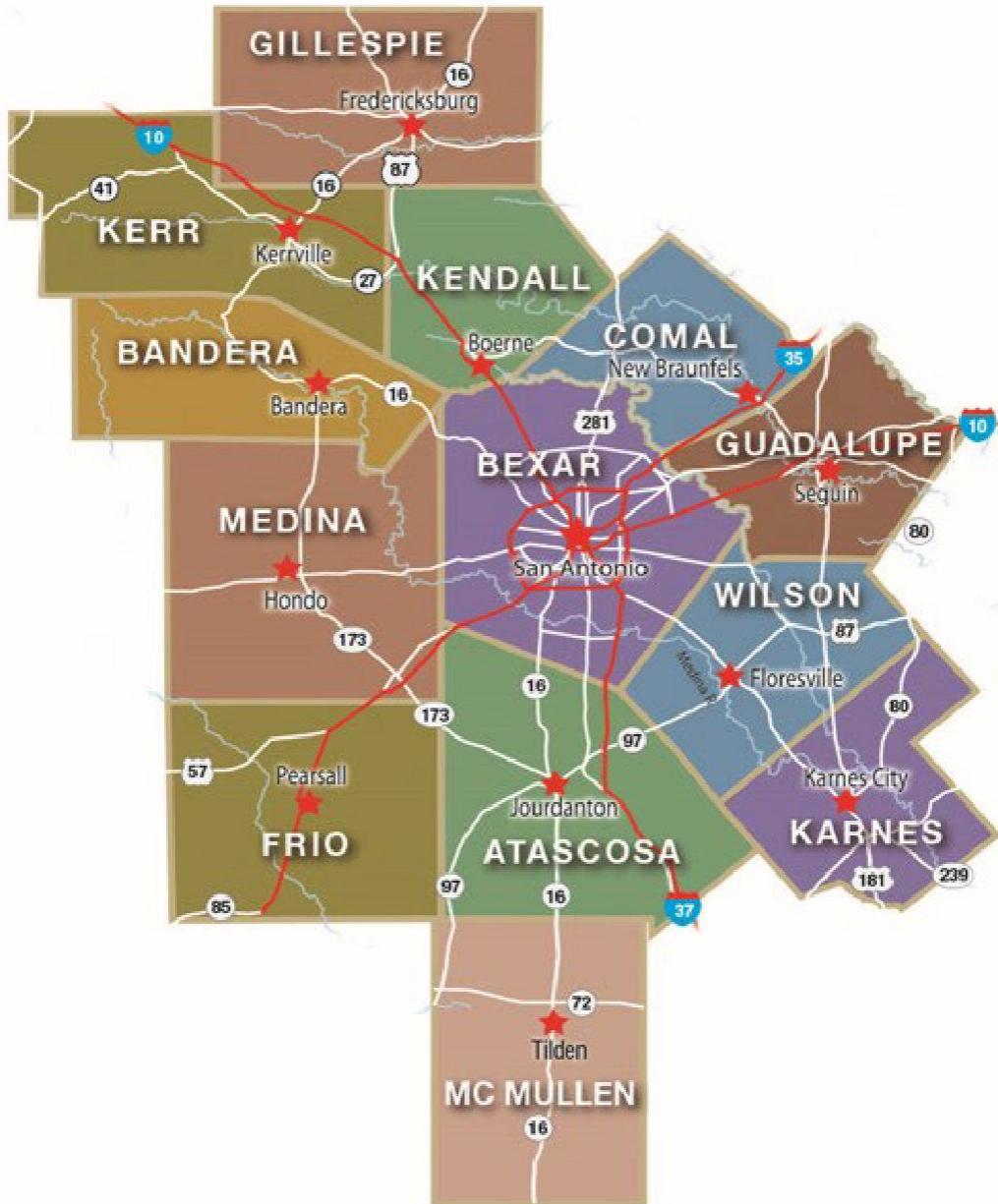
- **Economic Development and Mission Resilience**
- **Energy, Water, and Wastewater Infrastructure**
- **Water Supply and Natural Resources**



# AACOG Service Area

**Serves the Alamo Area State Planning Region 18**

- **13 Counties**
- **12,585 square miles**
- **Approx. 2.7 million people**



# JBSA Locations

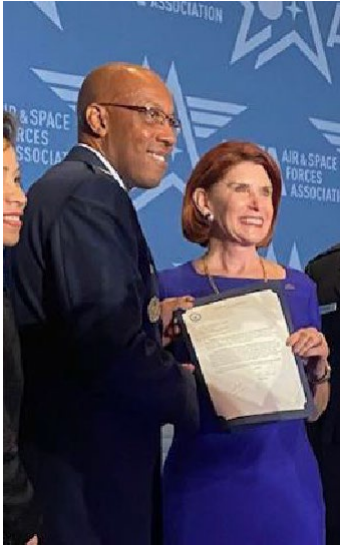




# IGSA

- **DOD needs to reduce both excess capacity and costs to own and operate bases and training ranges**
- **KEY: lowering the cost of doing business and enhancing Military Value and Readiness to keep/grow missions and jobs**
- **Military must focus on the MISSION – IGSA can enhance the mission**





**SCHIERTZ**  
COMMUNITY. SERVICE. OPPORTUNITY.



# **AACOG and JBSA: Blanket IGSA**

- **IGSA = Intergovernmental Support Agreement**
- **Authority: 10 USC 2679**
- **Sole source with state or local government**
- **Local wage rates – no Davis-Bacon or Service Contract Act**
- **Period: 10 years**
- **Federal Acquisition Regulations (FAR) DO NOT APPLY**
- **“Blanket” IGSA**
  - **First of its kind in Air Force History**
  - **Any goods or services that AACOG or any member provide for themselves may be offered to military**



# Task Orders to Date:

Goods/Services Provided	Partners	Military's Cost	Savings Generated	AACOG's Revenue	Value-added Benefits	Community Benefits
<b>Demolish buildings in JBSA-Randolph AFB Clear Zone</b>	<ul style="list-style-type: none"> <li>• 502 ABW</li> <li>• 12 FTW</li> <li>• AACOG</li> <li>• Universal City, TX</li> </ul>	<b>\$207,596</b>	<b>42%</b>	<b>\$8,892</b>	<b>Contribute to Safety of Flight</b>	<ul style="list-style-type: none"> <li>• Expedited elimination of structures in neighborhood</li> <li>• Local small business revenue</li> <li>• Recover all direct and indirect costs</li> </ul>
<b>Elevator Maintenance (1 year only)</b>	<ul style="list-style-type: none"> <li>• 502 ABW</li> <li>• AACOG</li> <li>• Commercial Vendors</li> </ul>	<b>\$466,840</b>	<b>0%</b>	<b>\$18,720</b>	<b>Opportunity for improved quality assurance/quality control</b>	<ul style="list-style-type: none"> <li>• Business revenue</li> <li>• Recover all direct and indirect costs</li> <li>• Build experience with delivery of goods/services through vendors</li> </ul>
<b>JBSA-Randolph EMS</b>	<ul style="list-style-type: none"> <li>• 502 ABW</li> <li>• 59 MDW</li> <li>• 12 FTW</li> <li>• AACOG</li> <li>• City of Schertz, TX</li> </ul>	<b>\$1,355,009 (2 years)</b>	<b>\$108,401 (est. 2 years)</b>	<b>\$66,161.16 (2 years)</b>	<b>Improved ambulance coverage</b>	<ul style="list-style-type: none"> <li>• Closer coordination between first responders</li> <li>• Recover all direct and indirect costs</li> </ul>
<b>Wounded Warrior Shuttle</b>	<ul style="list-style-type: none"> <li>• 502 ABW</li> <li>• Soldier Recovery Unit, Brooke Army Medical Center</li> </ul>	<b>\$1, 124,781 (2 years)</b>	<b>\$281,195 (est. 2 years)</b>	<b>\$143,072 (2 years)</b>	<b>Improved service for Soldiers and families</b>	<ul style="list-style-type: none"> <li>• Expand ART service area and capacity</li> <li>• Recover all direct and indirect costs</li> </ul>

# Projects Under Discussion

- **Airshow Services**
  - Temporary Fencing
  - Portable Toilets
  - Shuttle Service
- **Maintenance and Repair as a Service** – Repair Dorm Rooms at a savings of \$1,000 per room
- **Permanent Fencing** – savings of \$30 - \$100 per foot, depending on fencing type

**LIMITED ONLY BY CREATIVITY AND WILLINGNESS TO ACT**







# **Infrastructure Resilience: FY 23 Installation Resilience Grant**

**Winter Storm Uri was a wakeup call for community organizations and the military alike**

**Missions like 16<sup>th</sup> Air Force, ARNORTH, Medical Training, Basic Military Training (BMT,) and all others impacted or interrupted**

- **AACOG Partnering with JBSA, SAWS, CPS-Energy, and Port San Antonio for OLDCC Infrastructure Resilience Study Grant**
  - **Mission-critical energy, water, and wastewater infrastructure**
  - **JBSA-Fort Sam Houston**
  - **JBSA-Lackland AFB**
  - **Port San Antonio**



# **Water Supply Resilience: AACOG/SAWS Partnership**

- **Dependable, resilient water supply and distribution are critical factors impacting growth management decisions in the region**
- **Resilient and redundant water supply is essential to supporting JBSA's critical training and operational missions**
- **JBSA Contingent Water Supply**
- **Winter Storm Uri Response**





# Energy Supply Resilience: AACOG/CPS-Energy Partnership

- **Substation Hardening and Line Burial**
  - **Harden 11 substations that serve critical missions**
  - **Bury supply lines in the Clear Zone of JBSA-Randolph AFB**



# CAMP BULLIS SENTINAL LANDSCAPE

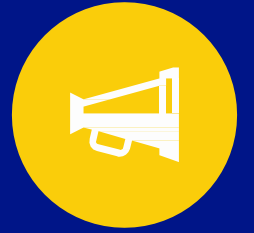


**Over 50 Partners (and growing) actively engaged in the activities**

- **Geographic Area**
  - **Six Counties**
  - **949,744 acres**
- **Grants Received**
  - **\$8.57M from USDA**
  - **\$5.1M from REPI (pending)**
  - **\$375,000 from Fish & Wildlife (pending)**

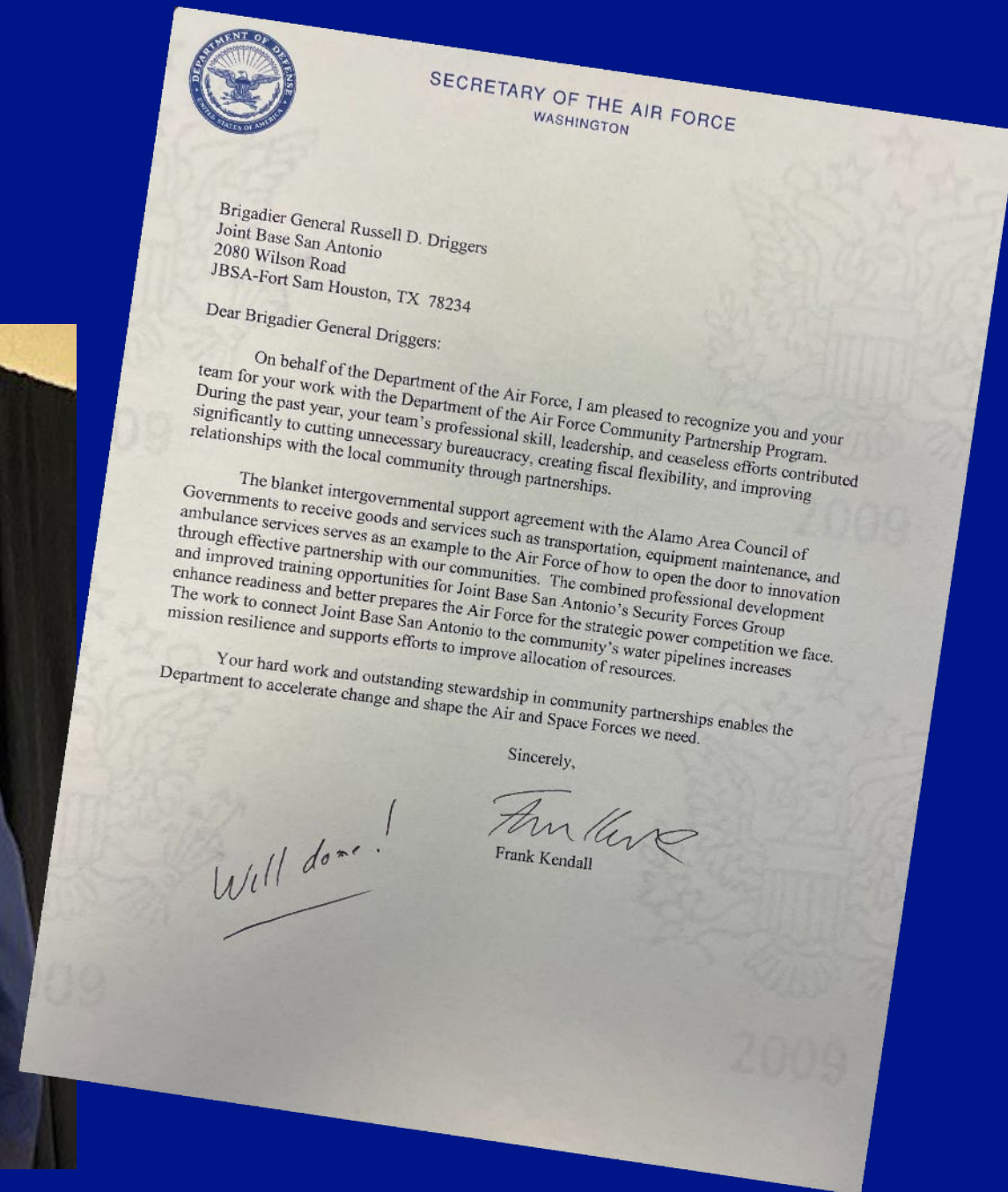


**SOLUTIONS THROUGH PARTNERSHIPS**



**PATIENCE, PERSISTENCE,  
and PERSEVERANCE!**

# PARTNERSHIPS WORK!





# **Mission Assurance and Community Resilience**

**Creating the Next Phase of  
Community-Military Partnerships**



***Meurer Municipal Consulting Service***

## Grant & Study Components

- ▶ \$1.2M OLDCC Installation Resilience Grant
- ▶ \$140,000 Local Match
  - ▶ \$80,000 Cash (Contracts)
  - ▶ \$60,000 Personnel & Indirect Cost
- ▶ STUDY
  - ▶ Energy, Water, Wastewater Infrastructure
  - ▶ Backup Energy & Industrial Controls/Cyber
  - ▶ JBSA-Fort Sam Houston
  - ▶ JBSA-Lackland
  - ▶ Port San Antonio (Defense Industrial Base)



## Deliverables

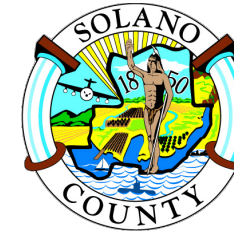
- ▶ Prioritized Project List
- ▶ High Priority Projects 30% Design
- ▶ Funding Plan



## Installation Resilience Grant I

Travis AFB  
City of Fairfield  
Solano County

# TRAVIS AFB, CA



### Grant & Study Components

- ▶ \$1.3M OLDCC Installation Resilience Grant
- ▶ \$144,000 Local Match
  - ▶ \$50,000 Cash (Contracts)
  - ▶ \$94,000 Personnel & Indirect Cost
- ▶ STUDY
  - ▶ Energy, Transportation, Water, Natural Resources
  - ▶ Industrial Controls/Cyber

### Deliverables

- ▶ Prioritized Project List
- ▶ High Priority Project 30% Design
- ▶ Funding Plan



# Fort Bliss, TX

## Installation Resilience Grant I

US Army Garrison, Fort Bliss  
El Paso Water Utilities  
City of El Paso  
El Paso County

### Grant & Study Components

- ▶ \$753,000 OLDCC Installation Resilience Grant
- ▶ \$80,000 Local Match
  - ▶ \$31,000 Cash (Project Coordinator Contract)
  - ▶ \$49,000 Personnel & Indirect Cost
- ▶ STUDY
  - ▶ Water, Wastewater, Stormwater Infrastructure
  - ▶ Backup Energy & Industrial Controls/Cyber



### Deliverables

- ▶ Prioritized Project List
- ▶ High Priority Project Concept Draft(s)
- ▶ Funding Plan



### MIRR II – Spring 2024

- ▶ Water Project Design
- ▶ Energy TTX in coordination with Installation Black Start Exercise





**Meurer Municipal Consulting Service**

## OLDCC IR PORTFOLIO



TOTAL BUDGET	STUDY COMPONENTS
<b>\$1.34 MILLION</b>	<ul style="list-style-type: none"> <li>ENERGY</li> <li>WATER/WASTEWATER</li> <li>INDUSTRIAL CONTROLS/CYBER</li> <li>DEFENSE INDUSTRIAL BASE</li> </ul>
<b>\$550,000</b>	<ul style="list-style-type: none"> <li>WORKFORCE HOUSING</li> <li>ENERGY</li> <li>WATER/WASTEWATER</li> <li>INDUSTRIAL CONTROLS/CYBER</li> </ul>
<b>\$833,000</b>	<ul style="list-style-type: none"> <li>WATER/WASTEWATER</li> <li>STORMWATER</li> <li>INDUSTRIAL CONTROLS/CYBER</li> </ul>
<b>\$1.44 MILLION</b>	<ul style="list-style-type: none"> <li>ENERGY</li> <li>TRANSPORTATION</li> <li>WATER/WASTEWATER</li> <li>INDUSTRIAL CONTROLS/CYBER</li> <li>NATURAL RESOURCES</li> </ul>
<b>\$500,000</b>	<ul style="list-style-type: none"> <li>WORKFORCE HOUSING</li> <li>ENERGY</li> <li>WASTEWATER</li> <li>INDUSTRIAL CONTROLS/CYBER</li> </ul>