



**INNOVATION IN COMMUNITY-BASED PARTNERSHIPS**

**ASSOCIATION OF DEFENSE COMMUNITIES:**

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**Jim Perschbach, President & CEO**  
**[jim.perschbach@portsanantonio.us](mailto:jim.perschbach@portsanantonio.us)**  
**(210) 362-7800**

# **SAF/IEI STRATEGIC REAL ESTATE OPPORTUNITIES AT JBSA**

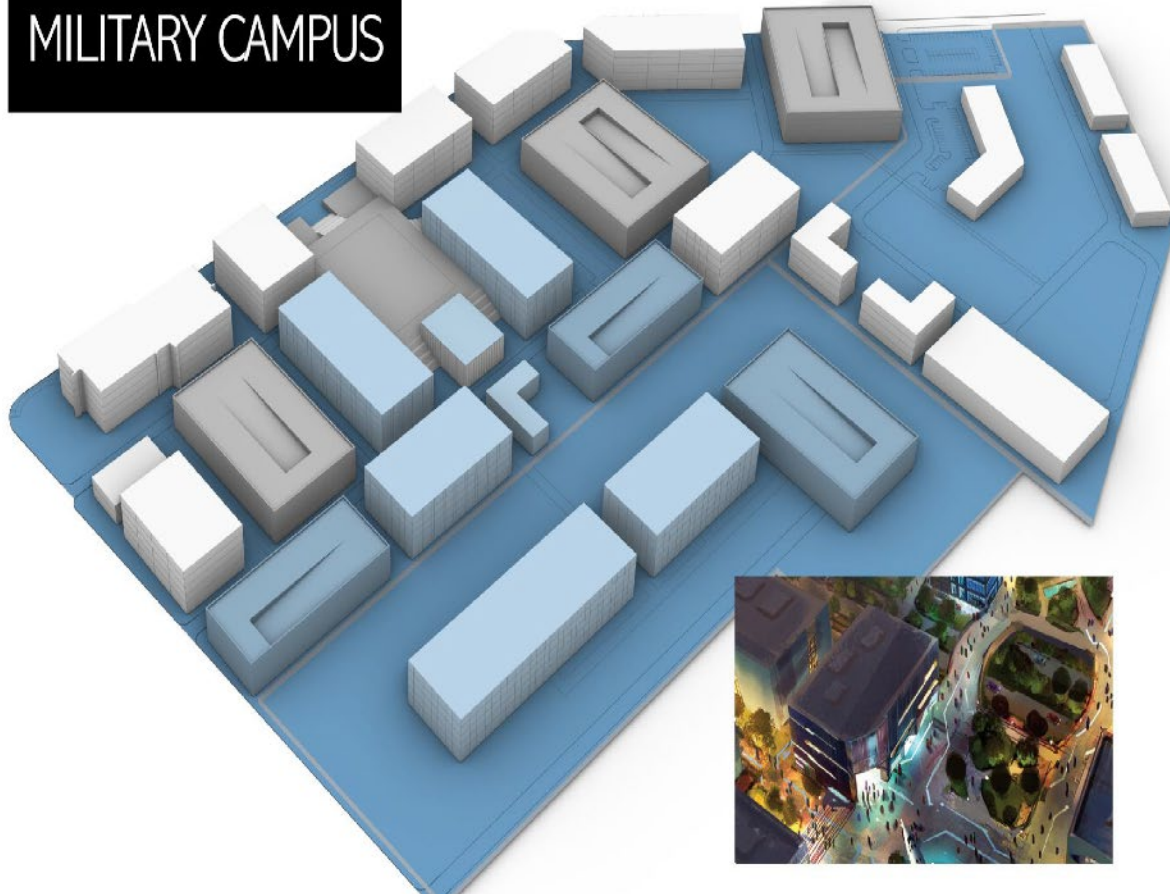
- 1. Cyber Security Center**
- 2. Kelly Airfield**
- 3. Parade Field Redevelopment**
- 4. South Beach Renovation**
- 5a. Energy Resiliency**
- 5b. METC Housing Redevelopment**
- 6. General Call for Additional Opportunities**

**BUILDING FUTURES**



## INNOVATION TOWER

## MILITARY CAMPUS



## JOINT ACTIVITY CYBER CENTER – JACC







## WORKFORCE HOUSING

## CHILD DEVELOPMENT CENTER







**GROCERY & RETAIL**



**HOTEL**



**FITNESS CENTER**



**OTHER FOOD & BEVERAGE AMENITIES**



# *TECH PORT* *SAN ANTONIO*

BUILDING  
FUTURES

PRESENTED BY





## **ADC IIF**

# **Military Installation Resilience Review (MIRR) & Readiness and Environmental Protection Integration (REPI) Challenge Overview**

**Marine Corps Installations National Capital Region  
– Marine Corps Base Quantico (MCINCR-MCBQ)**

**Presented by: Vonzell Mattocks, Northern Virginia Regional Commission,  
by request of MCBQ**



# Agenda



- MIRR Study at MCB Quantico
  - MIRR Report
  - Output (Strategies)
- FY23 REPI Challenge at MCB Quantico
- FY25 REPI Challenge at MCB Quantico
- Next Steps
- Closing Comments





# MIRR Report



1. Introduction
  2. Policy Framework
  3. Climate Hazards Assessment
  4. Vulnerability Assessment Methodology
  5. JBM-HH and Arlington County Vulnerability Profiles
  6. Fort Belvoir and Fairfax County Vulnerability Profiles
  7. MCB Quantico, Prince William County, and Stafford County Vulnerability Profiles
  8. Strategy Framework
  9. Regional Strategies
  10. JBM-HH and Arlington County Strategies
  11. MCB Quantico, Prince William County, and Stafford County Strategies
  12. Fort Belvoir and Fairfax County Strategies
  13. Implementation Plan
- Appendix





# MIRR: MCBQ Top Strategies



## Top Quantico Priorities by Score

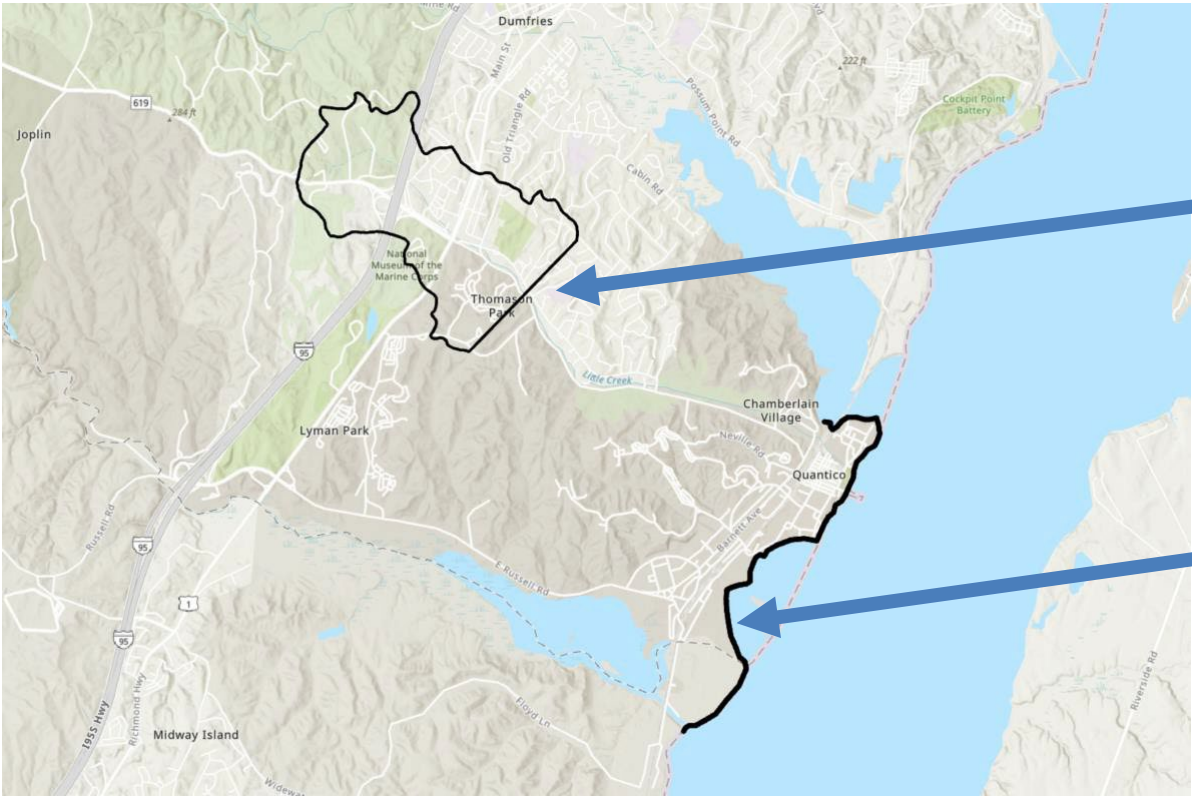
Strategy Name			Project Lead	Partners
	Q.1	Protect the Urban Core of MCB Quantico, including the Town of Quantico	MCB Quantico	Town of Quantico, NVRC
	Q.2	Maintain and Protect Marine Corps Air Facility (MCAF) Operations	MCB Quantico, MCAF	VDEQ, VDCR, VIMS, NVRC
	Q.3	Maintain and Protect Officer Candidates School (OCS) Training Campus and Support Facilities	MCB Quantico	NVRC
	Q.4	Protect MCB Quantico Main Gate Access along Fuller Road and Restore Little Creek to Reduce Flood Impacts	MCB Quantico	Prince William County Departments of Public Works, Planning and Zoning, Transportation, VDOT, NVRC
	Q.5	Protect West Side Training Facilities near Federal Bureau of Investigation (FBI) Campus	MCB Quantico	VDEQ, VDCR, NVRC

Recommend including a list of the top 5 Regional Priorities as well.



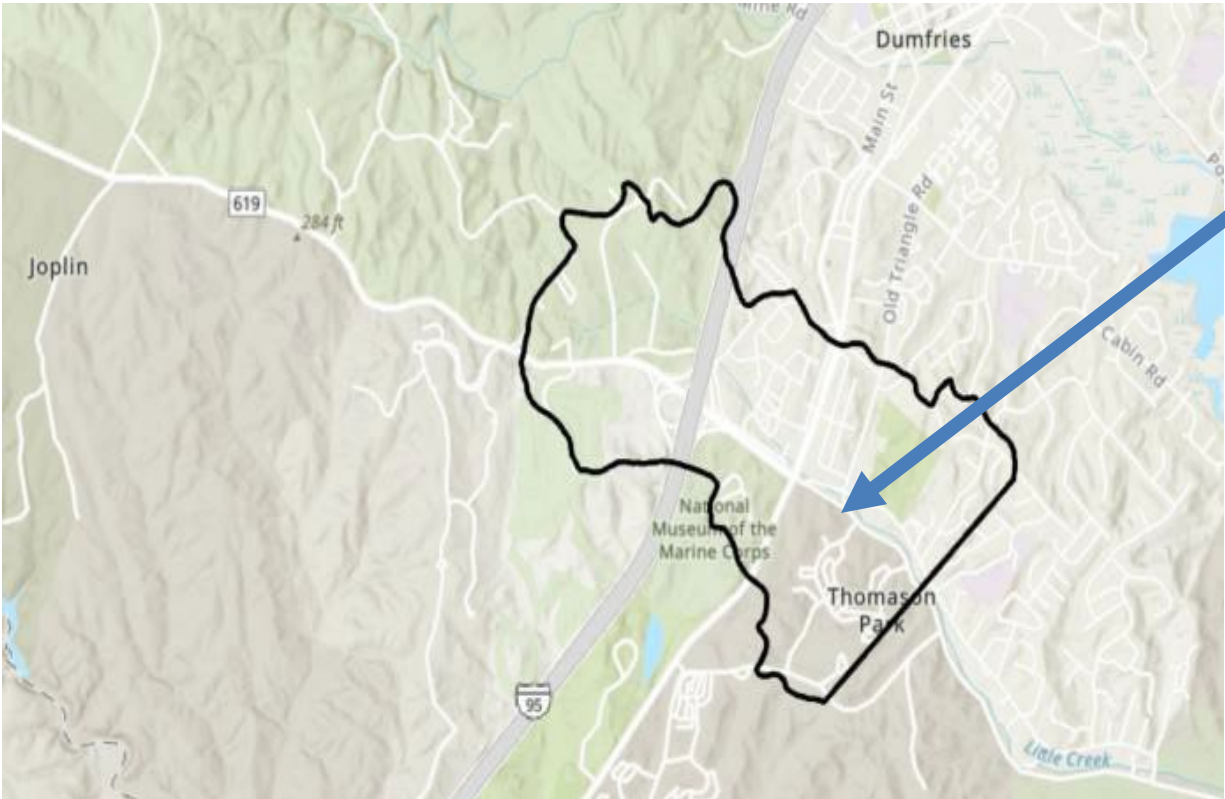


# MCB QUANTICO FY23 REPI CHALLENGE





# MCB QUANTICO FY25 REPI CHALLENGE







# Next Steps



## Current Actions

FY25 Readiness and Environmental Protection Integration (REPI) Challenge Proposal:

- Partners: NVRC, Prince William County, and Commonwealth of Virginia

Virginia Security Corridor Sentinel Landscape :

- Purpose: Preserve, coordinate, and grow the spaces and conditions vital to prioritizing mission readiness, preparedness for war, and modernizing key capabilities.
- Status: Awarded to the Commonwealth July 2023

## Future Opportunities

Readiness and Environmental Protection Integration (REPI) : Conservation projects and natural resource restoration.

OLDCC MIRR 2.0: NVRC developed Regional Strategies identified in the initial MIRR. The final report was published in Jan 2025. NVRC is currently working with OLDCC to scope a MIRR 3.0.

Defense Community Infrastructure Pilot (DCIP) Program



# Closing Comments



- Resilience is a long-term process
- Partnerships are key to successful resilience projects. Work with your partners in workshops or at Industry Day meetings.
- Funding is available, but you must be willing to look for programs and take the time to write the grants
- If you are not thinking about 2030 and beyond you are behind the curve

Questions?





# Back-up Information





# MIRR: Beginning to End



- September 2020 – Northern Virginia Regional Commission (NVRC) first contact with Office of Local Defense Community Cooperation (OLDCC) regarding application
- October 2020 – Submitted first document outlining the need
- November 2020 – Scott Spencer assigned OLDCC Project Manager to develop application
- January 2021 – Held meetings with Installations and requested Letters of Support, also received Letter of Support from State
- February 2021 - Determinations and Findings from OSD General Counsel approval before invited to OLDCC grant portal
- March 2021 – Submitted First Draft
- June 2021 – NVRC requested Energy and Water Plans from Installations
- July 2021 – Budget Justification and Letter of Certification Submitted
- August 2021 – Application Submitted into Grants Portal
- September 2021 – Grant Kickoff
- January 2022 – MIRR Kickoff
- May 2023 – MIRR Final Report





# MIRR: Pitfalls



## OLDCC Requirements

- Timely
- Rewrites required to include Compatible Uses
- Concerns of covering three bases and three complex counties

## Installations Delays

- Setting up meetings with all three Installations
- Letters of Support not forthcoming
- Refusal to Share Energy and Water Reports

## NVRC Delays

- Staffing issues and need to hire someone with experience
- Position description for position
- Contracting



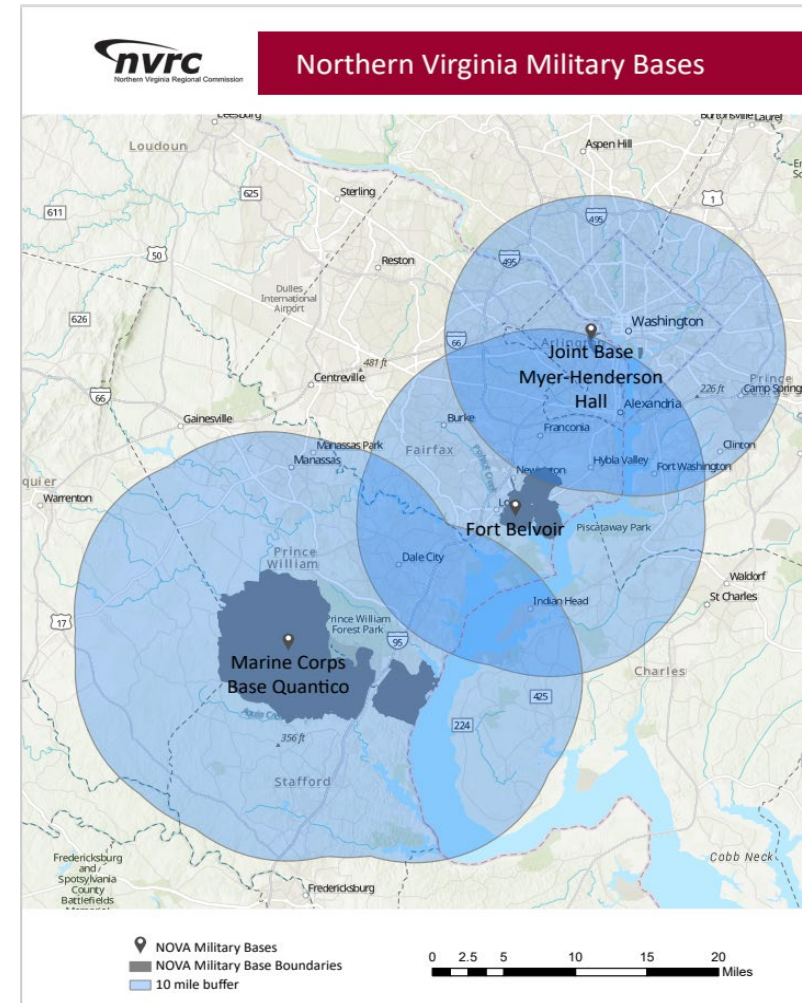
# MIRR: The need for a regional approach



MIRR Purpose: Comprehensive look at threats and vulnerabilities associated with Climate Change.

Regional Approach: Within a ten-mile radius

- Overlapping Issues:
  - Transportation along I-95 Corridor
  - Water Sources & Wastewater Drainage
  - Similarities in storm surge
  - Electrical Redundancy Systems
- Regional Solutions Needed:
  - Workforce
  - Affordable Housing
  - Regional Resiliency inside and outside the gates







# MIRR: Climate Hazards



## High Priority

High Temperatures 

Energy Demand 

Coastal/Tidal Flooding 

Pluvial Flooding 

Fluvial/Inland Flooding 

## Medium Priority

 Wind

 Winter Weather

## Low Priority

 Drought

 Wildfire



# MIRR: Cluster Analysis



Areas with multiple exposed assets became geographic focus areas for strategy development

MCBQ Focus Areas

- 1. Potomac Shoreline
- 2. Fuller Gate
- 3. Russell Road
- 4. TBS
- 5. FBI Academy

