

# Critical Infrastructure Protection and Resilience In Virginia

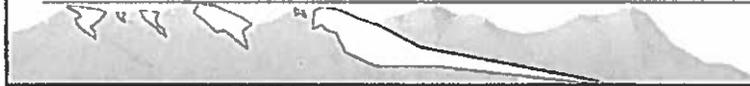
Overview

Participants

VCIPR Strategy

Current Programs

Future Initiatives



## Overview

### The CI Mission:

To develop and support the  
implementation of an integrated Critical  
Infrastructure Protection and Resiliency  
Strategy for the Commonwealth



## Taking the Initiative

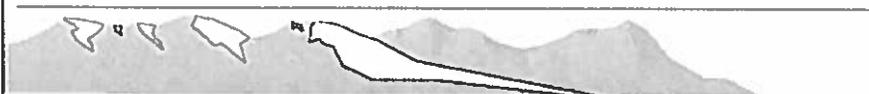
- Governor's Executive Order 44 Establishing Preparedness Initiatives in State Government
- Implementation of the National Infrastructure Protection Plan (NIPP)
- Virginia Critical Infrastructure Protection and Resilience Strategy (VCIPR)



## Participants

*It's all about Partnerships!*

- OCP
- State Agencies (VDOT, VSP...)
- Federal Government (DHS)
- Local Government
- Private CI Owners/Operator  
(17 Sectors)



# The Virginia Critical Infrastructure Protection and Resiliency Strategy (VCIPR)

*Developed in conjunction with the US  
Department of Homeland Security National  
Infrastructure Protection Plan (NIPP)*



## VCIPR: The Goal

- Build a safer, more secure, and more resilient Commonwealth by:
  - ***Enhancing protection*** of the Commonwealth's CI/KR to prevent, deter, neutralize, or mitigate the effects of deliberate efforts by terrorists to destroy, incapacitate, or exploit them; and
  - ***Strengthening preparedness, timely response, and rapid recovery*** in the event of an attack, natural disaster, or other emergency



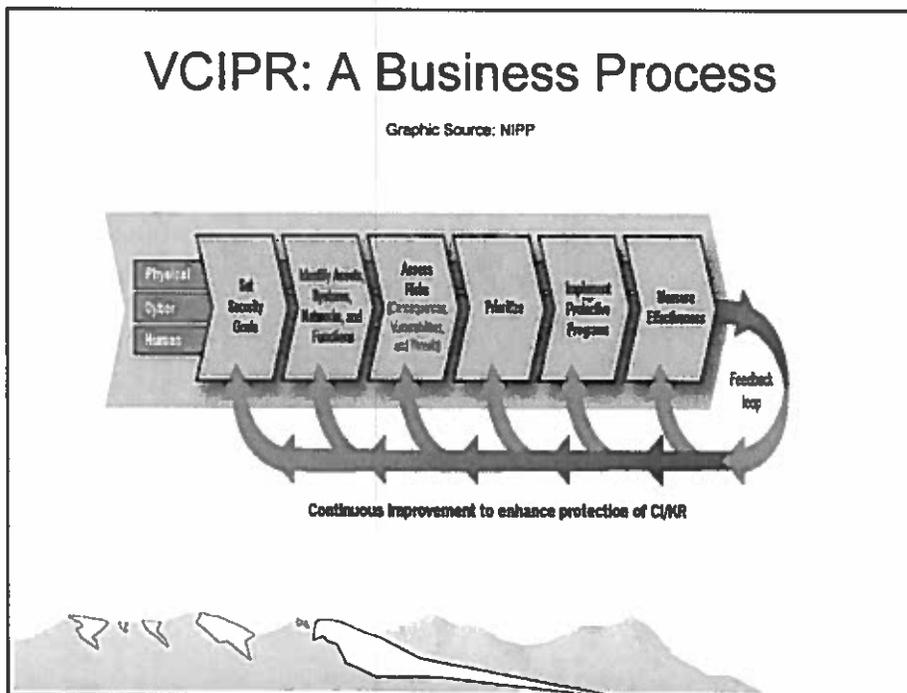
# VCIPR: A Macro Approach

Graphic Source: NIPP



# VCIPR: A Business Process

Graphic Source: NIPP



## VCIPR: An Outline

- Introduction / Background
- Vision, Mission & Goals
- Governance
- Developing Protection and Resiliency
- Authorities, Roles & Responsibilities
- Managing Risk
- Organizing and Partnering for CI/KR Protection
- Appendix



## VCIPR: The Timeline

- VCIPR Strategy – July 2007
- VCIPR Implementation Plan - January 2008
- New Project Plans – TBA ☺



## Current Programs

- **Buffer Zone Protection Program (BZPP) –**  
\$945,000
  - Designed to reduce vulnerabilities of CI/KR sites by extending the protected area around a site into the surrounding community and supporting the prevention and preparedness efforts of local first responders



## Current Programs

- **Southeast Transportation Corridor Pilot –**  
\$696,642
  - Pilot program involving Federal, State, and local participants in the Southeast Region of the U.S.
  - Designed to provide equipment and funding to participant states to detect and interdict illicit nuclear and radiological materials on the nation's interstate highways



## Current Programs

- **First Responder Authentication Credential (FRAC) – \$750,000**

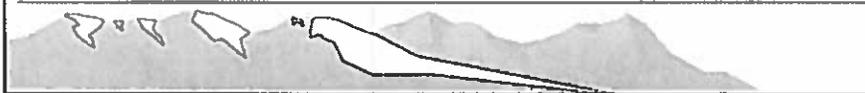
- Currently implementing in the NCR
- Establishes a standards-based and interoperable identification credential
- Used to authenticate the identity and attributes (skills) of Emergency Responders (across federal, state, local, jurisdictional and private entities) at the scene of a critical incident, irrespective of where the incident occurs
- Enhances response and recovery efforts, communications and the safety of emergency responders



## Current Programs

- **National Capitol Region (NCR) – Urban Area Security Initiative Grant – \$6.025 Million**

- Various Critical Infrastructure Projects to include:
  - Regional Water Supply Emergency Operations Plan
  - Water Security Monitoring in the NCR
  - Water Security Monitoring in the NCR
  - Critical Infrastructure Monitoring and Protection
  - Critical Infrastructure Resiliency
  - WMATA Alternate Operations Control Center



## Current Programs

- **Hampton Roads Regional CI Vulnerability Assessment – \$1.75 Million**

- Joint UVA, ODU, VaTech Consortium
- Identification and evaluation of regional critical infrastructure assets and their interdependencies/vulnerabilities
- Study output: Complete evaluation and proposed mitigation strategies to address identified gaps on a cost effective basis



## Future Initiatives: The Key = Information Security

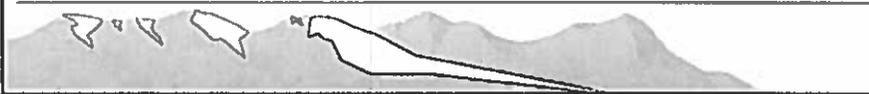
- State laws are inconsistent concerning protection of critical infrastructure information – While Virginia's laws are strong in this area, many neighboring states' laws are not...
- The Commonwealth is set to obtain Protected Critical Infrastructure Information (PCII) Program accreditation from DHS in August 2007
  - The PCII Program is designed to encourage the private industry to share its sensitive security-related business information with the Federal government



## Future Initiatives

(Awaiting DHS Funding Approval)

- Regional Collaboration
- Outreach to Public/Private CI/KR Owners
- Credentialing – First Responder Authentication Credential (FRAC)
- Automated Critical Asset Management System (ACAMS)
- Interdependencies/Risk Assessments for Statewide CI/KR



## Critical Infrastructure Protection and Resilience In Virginia

Together...



We Can...



Make A Difference!

