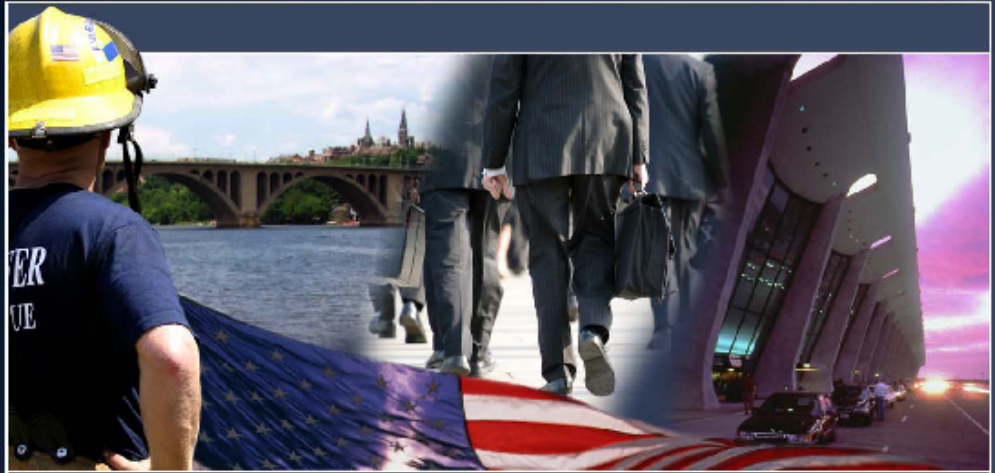


# Final HIRA and NCR CIP Strategy Outline

**EPC**  
**Briefing**  
April 11, 2007



Hazard Identification,  
Risk Assessment, Impact Analysis (HIRA)  
and Critical Infrastructure Strategy Benchmarking

Metropolitan Washington Council of Governments



# Objectives

- Present HIRA Roadmap
- Next Steps
- Present NCR CIP Strategy Outline

# HIRA Roadmap

- **Executive Summary** — provides high level overview of HIRA.
- **Section 1, Introduction**— provides background on unique characteristics of NCR and purpose of the HIRA.
- **Section 2, Methodology**— presents methodology used for the HIRA; specifically, the processes employed to ensure the HIRA provides a high level regional perspective.
- **Section 3, Assets**— Identifies NCR’s key assets (people and systems). Number of key assets was intentionally reduced for Risk Analysis to support the concept of regional continuity.
- **Section 4, Hazard Identification**— Identifies all hazards, narrows for those relevant to NCR regional continuity. Categories hazards as either *natural* or *human-caused*. A detailed hazard analysis that ranks the regionally-significant hazards by type of consequence.

# HIRA Roadmap, *Continued*

- **Section 5, Risk Assessment**— Results of the risk assessment analysis for the Sectors and Systems. Two types of risk assessment:
  - Target Attractiveness which identifies those systems most vulnerable to terrorist attack
  - Regional Continuity which identifies those systems most threatened by regionally significant hazards.
- **Section 6, Recommendations for Next Steps for Improvement and Implementation**— provides non-prescriptive recommendations by hazard and system, and lists next steps.
- **Appendices**
  - Appendix A, DHS Critical Infrastructure Systems and Subsystems
  - Appendix B, Hazard Scenarios for Risk Assessment
  - Appendix C, Subject Matter Expert Session Notes
  - Appendix D, SME Session Scoring Sheets
  - Appendix E, Bibliography
  - Appendix F, Jurisdiction Summary Reports (addendum on CD)

# Next Steps

# Next Steps

- Anticipate and adopt proactive posture on HIRA for Congress and GAO
- Outline next steps in Strategic Plan and how the HIRA relates
- Perform a cross walk between the priority target capabilities strength and weakness review of 2006 and the HIRA priority systems. Conduct a regional gap analysis to determine resource requirements focused on the greatest needs to meet regional capabilities. (Section 6.4 #7)

## Next Steps, *Continued*

- Consider a more formal process for the engagement of the federal government in NCR emergency management and homeland security planning (Section 6.4 #2)
- Consider adoption of a regional “program” construct that will facilitate the implementation of the NCR Strategic Plan by giving focus and voice to the work of regional preparedness in the NCR. (Section 6.4 #1)

# Next Steps, *Continued*

- Conduct a limited and highly-focused Regional Systems Review focused on the four types of hazards and how to best assure regional continuity for impacted systems. (Section 6.4 #4)
- Identify and catalog NCR critical regional assets while ensuring the protection of confidential and proprietary information obtained from government and private sector partners. (Section 6.4 #3)
- Use the information gained from the studies suggested by recommendations above to develop specific projects that address mitigation of hazards and protection of resources. (Section 6.4 #5)



# Next Steps, *Continued*

- Invest in continued improvement in analytical tools that enable the NCR to evaluate the consequences of various hazards. (Section 6.4 #6)
- Conduct a regional economic analysis in conjunction with the next phase of the HIRA to better evaluate the consequences of the various hazards analyzed and to help focus investments in the most cost effective manner. (Section 6.4 #9)
- Maintain the HIRA by updating it periodically and as more data is made available the analysis can become more quantitative. (Section 6.4 #8)

# NCR CIP/R Strategy Outline

# NCR CIP/R Strategy Outline

- The NCR CIP/R Strategy Outline fuses several current NCR CIP/R elements and approaches together to ensure collaboration and coherence while avoiding duplication
- The NCR CIP/R **Strategy Outline** is just that: a **strategy outline**

# NCR CIP/R Strategy Outline, *Continued*

- The NCR CIP/R Strategy Outline attempts to build upon:
  - The HIRA;
  - The Critical Infrastructure Protection Strategy Benchmarking (CISB) Report;
  - Ongoing efforts in the NCR as well as in the entities and jurisdictions of the NCR; and
  - Policies and guidelines articulated in the National Infrastructure Protection Plan (NIPP) and the NCR's Homeland Security Strategic Plan

# NCR CIP/R Strategy Outline, *Continued*

- The NCR CIP/R Strategy Outline Includes **7 elements**:
  1. A **Hybrid Approach** to CIP that, following the HIRA suggestions, is asset and resiliency based;
  2. A set of **high-level information-sharing protocols** that works to facilitate the flow of CII among NCR entities and jurisdictions;
  3. An information-sharing process for **operational- and threat-based information**;
  4. Mechanism for **stakeholder outreach** that builds upon initiatives in the NCR entities, as advised by government and private-sector officials;
  5. The need for a **snapshot of CI and interdependencies** based upon exercises with effective after-action items;
  6. A **methodology for risk-based prioritization** of resources; and
  7. Specific **initiatives for implementation**.

# Questions?