Staying Relevant in the 21st Century

Presentation to National Waterways Conference

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Future Directions

• A New Century, New Challenges
• Need for a New Strategy
• The Critical Importance of USACE’s Civil Works/Value to the Nation
• Alignment with the Administration’s Priorities
• Contemporary Trends and Uncertainties
• The Value of Systems Planning/IWRM
Challenges

- Nonstationary Climate
- Changing Societal Values
- Demographic Shifts
- Aging Infrastructure
- Fragmented Approach to Water Resources
- Scarcity of Funds
## Civil Works’ Value to the Nation

(2010-2013 Average)

USACE has been working to characterize and document the Value to the Nation provided by the Civil Works program, based on economic return on investment as measured by NED benefits produced, and the financial measure of revenues that flow back to the U.S. Treasury.

<table>
<thead>
<tr>
<th>Program</th>
<th>NED Benefits (Billions of Dollars)</th>
<th>Net NED Benefits (Billions of Dollars)</th>
<th>U.S. Treasury Revenues (Billions of Dollars)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flood Risk Management</td>
<td>$79.83</td>
<td>$79.19</td>
<td>$25.30</td>
</tr>
<tr>
<td>Coastal Navigation</td>
<td>$9.87</td>
<td>$9.07</td>
<td>$3.88</td>
</tr>
<tr>
<td>Inland Navigation</td>
<td>$8.84</td>
<td>$8.24</td>
<td>$2.27</td>
</tr>
<tr>
<td>Water Supply</td>
<td>$7.61</td>
<td>$7.59</td>
<td>$0.08</td>
</tr>
<tr>
<td>Hydropower</td>
<td>$2.92</td>
<td>$2.73</td>
<td>$1.43</td>
</tr>
<tr>
<td>Recreation</td>
<td>$3.31</td>
<td>$3.01</td>
<td>$1.17</td>
</tr>
<tr>
<td>Leases and Sales</td>
<td>$0.03</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Annual NED</strong></td>
<td><strong>$112.38</strong></td>
<td><strong>$109.83</strong></td>
<td><strong>$34.16</strong></td>
</tr>
</tbody>
</table>

Notes:

1. Net NED benefits are defined as NED benefits less the costs of operations, maintenance, and investigations. Since the costs associated with expenses and oversight by the Assistant Secretary of the Army (ASA) serve all Corps programs, including those we did not calculate benefits for in this report, this report does not account for those costs.

2. The Benefits and Revenues numbers are not additive.
A New Strategy Should Provide...

- Safe and Resilient Communities
- Energy Independence
- National Security
- Quality of Life
- Environmental Sustainability
- Economic Stability
- Global Competitiveness
- National Security
Administration Initiatives

- Building a 21st Century Infrastructure
- “We Can’t Wait” Port Modernization
- Infrastructure Task Force
- Build America Investment
- Building a Clean Energy Economy
- Climate Action Plan
- Federal Sustainability
- Streamlining Regulatory Permitting (Red Book)
- Strengthen Global Resilience to Climate Change
- Climate Change Adaptation Task Force
- Task Force on Climate Preparedness and Resilience
- Hurricane Sandy Rebuilding Task Force
Needed: An Assessment of Current and Projected Needs

Collaboration

Lessons Learned Appraisal

Sustainability Strategic Appraisal

Emerging Water Resources Needs
Ideas For Consideration

• Leveraging and Enhancing USACE Workforce
• WRRDA 2014 Pilots
• Section 1029 Guidance
• New Start Studies.
• Allocation of Planning Investments
• Design-Build.
• Transform CAP
• Water Supply Reallocation Study Revolving Fund
• Inter-agency and Inter-governmental Coordination
• Drought Resilience Strategic Principles
Transforming Civil Works

Planning Modernization

Budget Development Transformation

Quality Solutions & Services

Infrastructure Strategy

BUILDING STRONG®
One Hundred Thirteenth Congress
of the
United States of America

AT THE SECOND SESSION

Began and held at the City of Washington on Friday,
the third day of January, two thousand and fourteen

An Act

To provide for improvements to the rivers and harbors of the United States, to
provide for the conservation and development of water and related resources,
and for other purposes.

Be it enacted by the Senate and House of Representatives of
the United States of America in Congress assembled,

SECTION 1. SHORT TITLE; TABLE OF CONTENTS.

(a) SHORT TITLE.—This Act may be cited as the "Water
Resources Reform and Development Act of 2014".

(b) TABLE OF CONTENTS.—

Sec. 1. Short title; table of contents.
Sec. 2. Definition of Secretary.

TITLE I—PROGRAM REFORMS AND STREAMLINING

Sec. 1001. Vertical integration and acceleration of studies.
Sec. 1002. Consolidation of studies.
Sec. 1003. Expedited completion of reports.
Sec. 1004. Removal of duplicative analyses.
Sec. 1005. Project acceleration.
Sec. 1006. Expediting the evaluation and processing of permits.
Sec. 1007. Expediting approval of modifications and alterations of projects by non-
Federal interests.
Sec. 1008. Expediting hydropower at Corps of Engineers facilities.
Sec. 1009. Enhanced use of electronic commerce in Federal procurement.
Sec. 1010. Determination of project completion.
Sec. 1011. Prioritization.
Sec. 1012. Transparency in accounting and administrative expenses.
Sec. 1013. Evaluation of project Partnership Agreements.
Sec. 1014. Study and construction of water resources development projects by non-
Federal interests.
Sec. 1015. Contributions by non-Federal interests.
Sec. 1016. Operation and maintenance of certain projects.
Congress says don’t spend $ on this; stick with ‘83 P&G
“Waters of the U.S.” Rulemaking

IN COURT
Water Supply Rule-making
Federal Flood Risk Management Standard (FFRMS)
USACE Implementation Timeline

2015

- **October**: Water Resources Council issues Implementing Guidelines
- **November – December**: PDT identifies implications to programs
- **February - April**: Public review used to draft changes to ER 1165-2-26
  - Briefs leadership.

Calendar Year 2016

- **January - February**: Public review of conceptual approach for implementation
- **June – August**: Public input on draft revised ER 1165-2-26
- **May**: Draft revised ER 1165-2-26 shared with HQ review team/leadership
- **August - September**: Revise draft ER 1165-2-26 based on input
- **September - October**: Finalize revised ER 1165-2-26
- **October**: Final ER 1165-2-26 issued
- **“Ongoing”**: Revision of program specific procedures

Notes:
- Externally-led activity
- Internal USACE PDT activity
- USACE-led outreach activity
- Date of issuance of final Implementing Guidelines is tentative.
• EO 13690, which amended EO 11988 on Floodplain Management, was signed by the President on January 30, 2015.
• A revised draft of the EO 11988 interagency Implementing Guidelines, revised to incorporate requirements of EO 13690, was released for a 90-day public comment period.
• The Mitigation Framework Leadership Group (MitFLG) stood up an interagency working group to review the comments received and revise the interagency Implementing Guidelines.
• As an active member of the MitFLG, USACE was heavily involved
Federal Process and Next Steps

- Interagency review of final draft Implementing Guidelines was held 24 Aug - 8 Sep 2015
  - MitFLG is currently reviewing and adjudicating these comments
- Upon completion of comment adjudication, MitFLG will transmit final Implementing Guidelines to the Water Resources Council for issuance
- Agencies will begin developing revised implementation procedures for EO 11988 as amended by EO 13690 once WRC issues final interagency Implementing Guidelines
- USACE anticipates that development of revised implementation procedures will take about one year
- We will reach out to our stakeholders and partners for input as we move forward
USACE Implementation

• Activities requiring DA authorization under Sec. 404 of the Clean Water Act or Sec. 10 of the Rivers and Harbors Act of 1899 are not subject to flood elevation and corresponding floodplain requirements of EO 13690
  ► USACE Regulatory will continue to review applications by applying the area subject to the “base flood” as the relevant “floodplain”

• Sec. 408 requests are anticipated to be determined on a case-by-case basis whether the requirements of EO 13690 apply
  ► As Section 408 requests can lead to alteration of a federal project, there is potential that a feasibility study with in-kind credit could result.
  ► EO 11988 could apply, depending on the alteration being proposed