



**US Army Corps
of Engineers®**

Tri-Service Infrastructure Conference

"Re-Energizing Engineering Excellence"

2 August 2005

**LTG Carl A. Strock
Commanding General
U.S. Army Corps of Engineers**

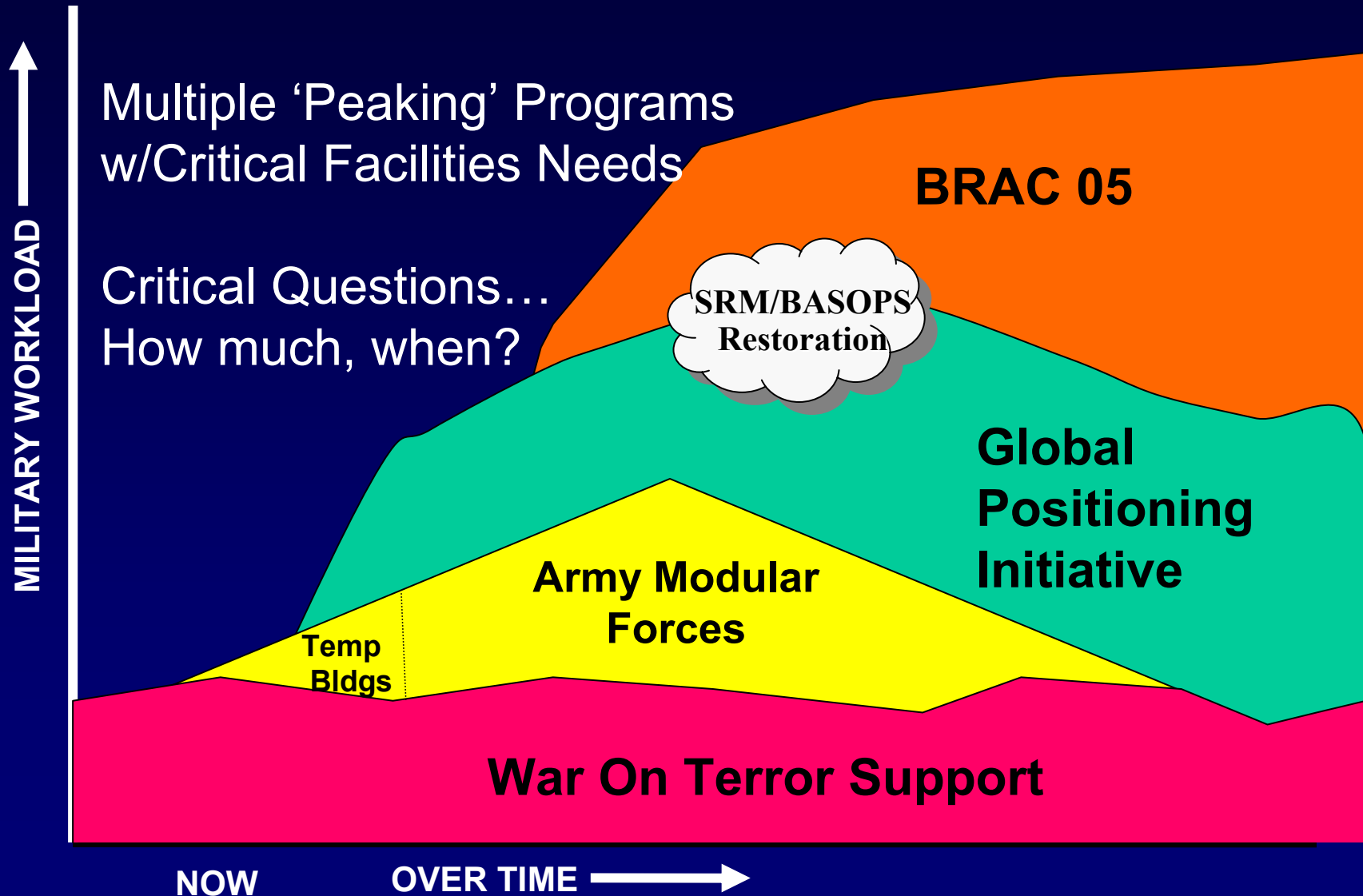
Agenda

- ***Engineering Excellence – Our Foundation***
- ***Military Programs – Opportunities***
- ***Joint Initiatives***
- ***Military Construction Transformation***
- ***On the Horizon***

Engineering Excellence Our Foundation

- ***Engineering and Construction
Management Capabilities***
- ***People – Our Primary Investment***
- ***COPs – They Must Succeed***
- ***Balancing Execution to Maintain
Capabilities - In House vs. Contracted***

Military Programs – Opportunities



Joint Basing

- ***Tremendous Opportunity for DoD***
- ***How Will it Work? - In Progress***
- ***USACE Will be Part of the Solution***

Joint Engineering Initiatives

- ***Unified Design Criteria***
- ***Multi Agency CADD / GIS Standards***
- ***Sustainable Design***
- ***Civil Works Applications***
 - ***Total Watershed Planning to include;
Federal, Tribal, State and Local Agencies
and the Private Sector***

Military Construction Transformation

- ***Planning / Programming***
- ***Standards & Criteria***
- ***Acquisition / Execution***

On the Horizon

- ***Focus on Regional Business Center***
- ***Increased Joint, Interagency and Private Sector Cooperation***
- ***Leverage R&D Capabilities***
- ***More Emphasis on Leader Development***



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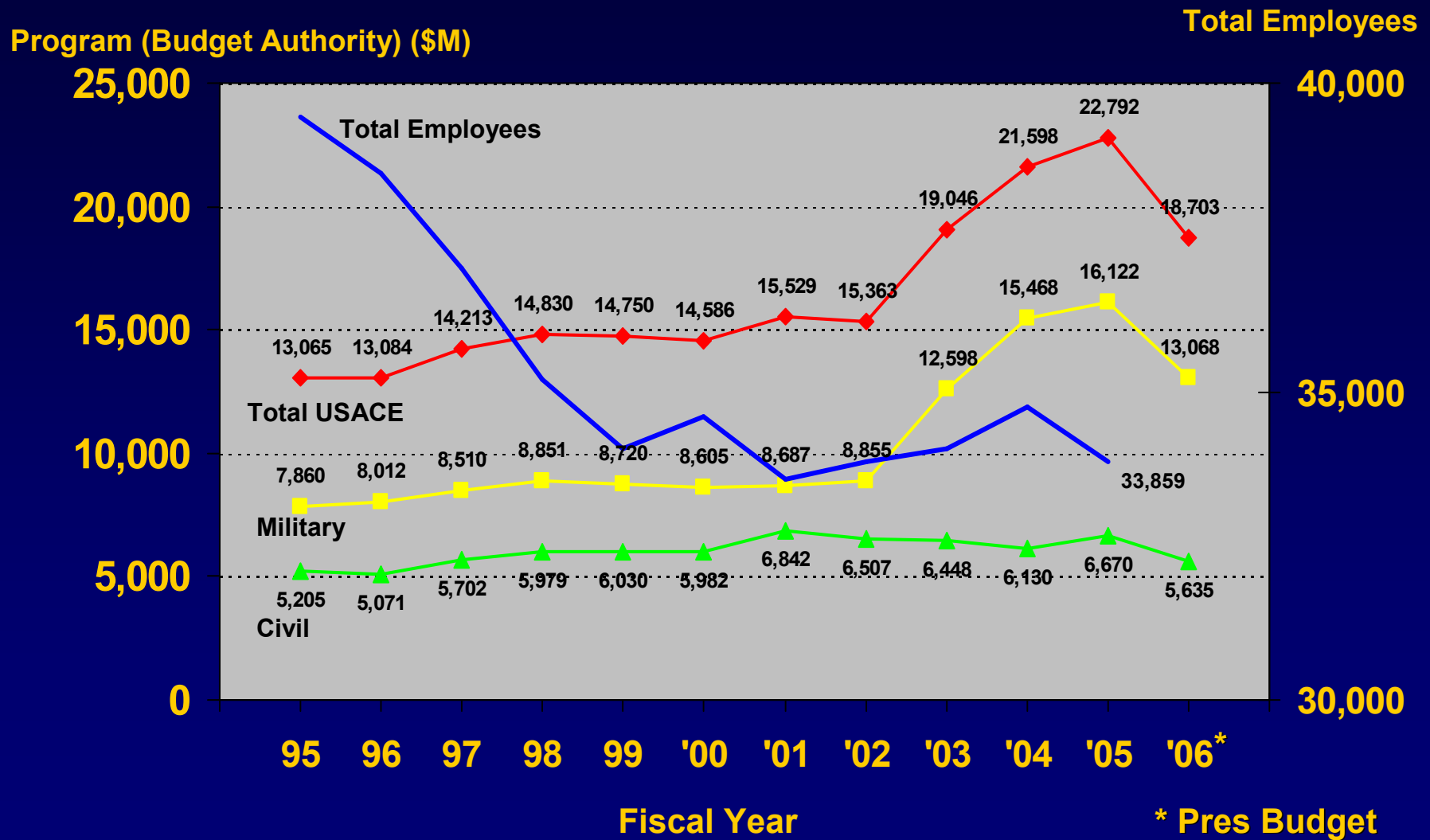
"Re-Energizing Engineering Excellence"

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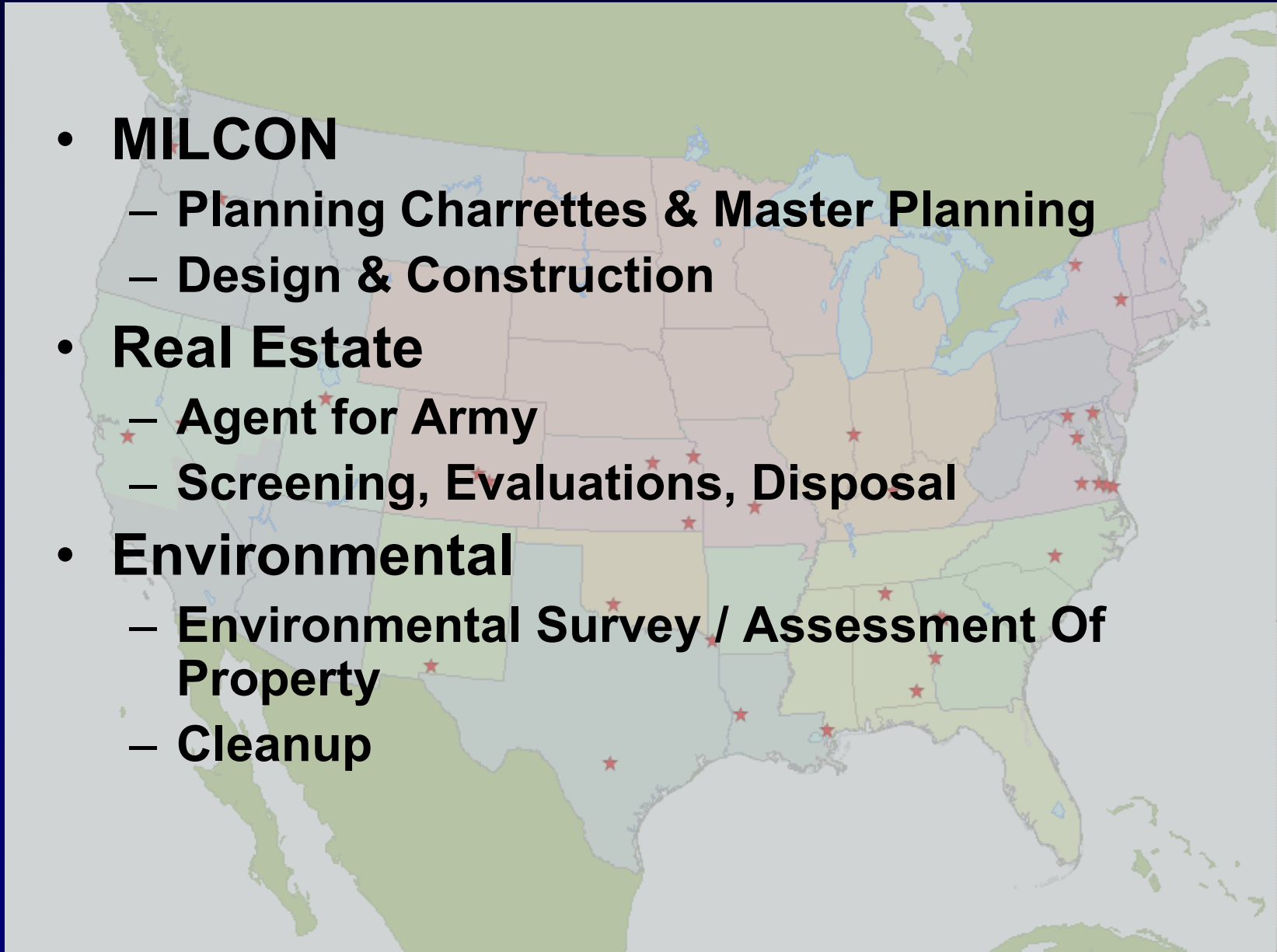
Backup slides

USACE Program Trends FY95 - 06



BRAC 2005

- **MILCON**
 - Planning Charrettes & Master Planning
 - Design & Construction
- **Real Estate**
 - Agent for Army
 - Screening, Evaluations, Disposal
- **Environmental**
 - Environmental Survey / Assessment Of Property
 - Cleanup



Civil Works – Update

- ***Civil Works Strategic Plan***
- ***Water Resources Development Act***
- ***Performance Based Budgeting***

GRD / AED Program

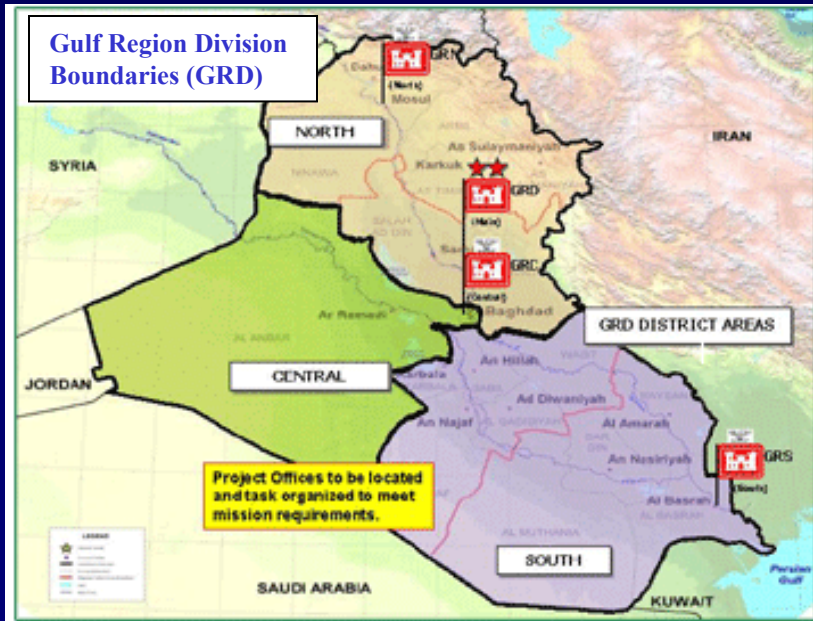
- Support to U.S. Forces
- Support to the Iraqi / Afghan Government
- Support to USAID

114 Military
509 Civilian
222 Iraqis
+ Contractors

Total = \$6.7B

25 Military
100 Civilian
+ Contractors

Total = \$880M



BRAC 2005

USACE Support To Army

- **MILCON**
 - Planning Charrettes & Master Planning
 - Design & Construction
- **Real Estate**
 - Agent for Army
 - Screening, Evaluations, Disposal
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FY05 DoD Supplemental ***(\$1.34 B)***

- **Iraq**
 - \$537 M (MILCON)
 - \$354 M (CERP) GRD may execute some portion
- **Afghanistan**
 - \$69.5 M (MILCON)
 - \$285 M (ANA Infrastructure)
- **Kuwait - \$50.75 M (MILCON)**
- **UAE - \$1.4 M (MILCON)**
- **Uzbekistan - \$42.5 M (MILCON)**

MILCON Transformation

MILCON Barracks (1+1) → **Private Industry Apart. (-20%)**

\$168/SF, Scope: 99,500 SF
(OSD Unit Cost)



Commercial vs.
"Bunker" Standards

Tactical Maint Facilities → **Hvy Equip Maint Fac (-10%)**

\$159-170/SF, Scope: 25-30kSF
(OSD Unit Cost)



Projected cost savings 10-20%
Projected time savings 20-30%



Approx. \$1.5 B
(over 5 yrs)

Water Resources Development Acts

~~'02~~ ~~'03~~ ~~'04~~ '05

- **WRDA 2005 introduced in Senate (S. 728)**
 - **Workable “process improvements” (AKA Corps Reform)**
 - **Louisiana Coastal Area Ecosystem Restoration**
 - **Navigation improvements and ecosystem restoration for Upper Mississippi River-Illinois Waterway**
- **House version pending**

Civil Works Continuing Contracts

- **High priority project funding trend**
- **Expect no change to contracts clause**
- **A contracting tool – used sparingly**
- **Requires HQ USACE approval**
- **Discussions ongoing**

Competitive Sourcing Program ***("A-76 Public-Private Competition")***

Overall program: 7,500 positions through FY08

- **Three competitions well underway:**

- **Corps-wide IM/IT function – 1,300 positions**

- **DPW at two locations – 44 positions**

- **Finance Center Data Entry function one location – 80 positions**



\$450 M Annually



**US Army Corps
of Engineers®**

Joint Engineer Senior NCO Symposium

June 14-17, 2005

**LTG Carl Strock, P.E.
Commanding General
U.S. Army Corps of Engineers**

Support to the Army and Nation

Civil Works Value to the Nation

Recreation areas
376 M Visitors/yr
Generate \$15 B in economic activity,
500,000 jobs



1/4 of Nation's Hydropower:
\$500 M + in power sales



11,000 miles of Commercial Inland Waterways:
1/2 the cost of rail
1/10 the cost of trucks

299 Deep Draft Harbors



400 miles of Shore protection
Destination for 75% of U.S. Vacations



8500 Miles of Levees



627 Shallow Draft Harbors

Stewardship of 11.7 Million Acres Public Lands



Emergency Operations



Environmental Restoration

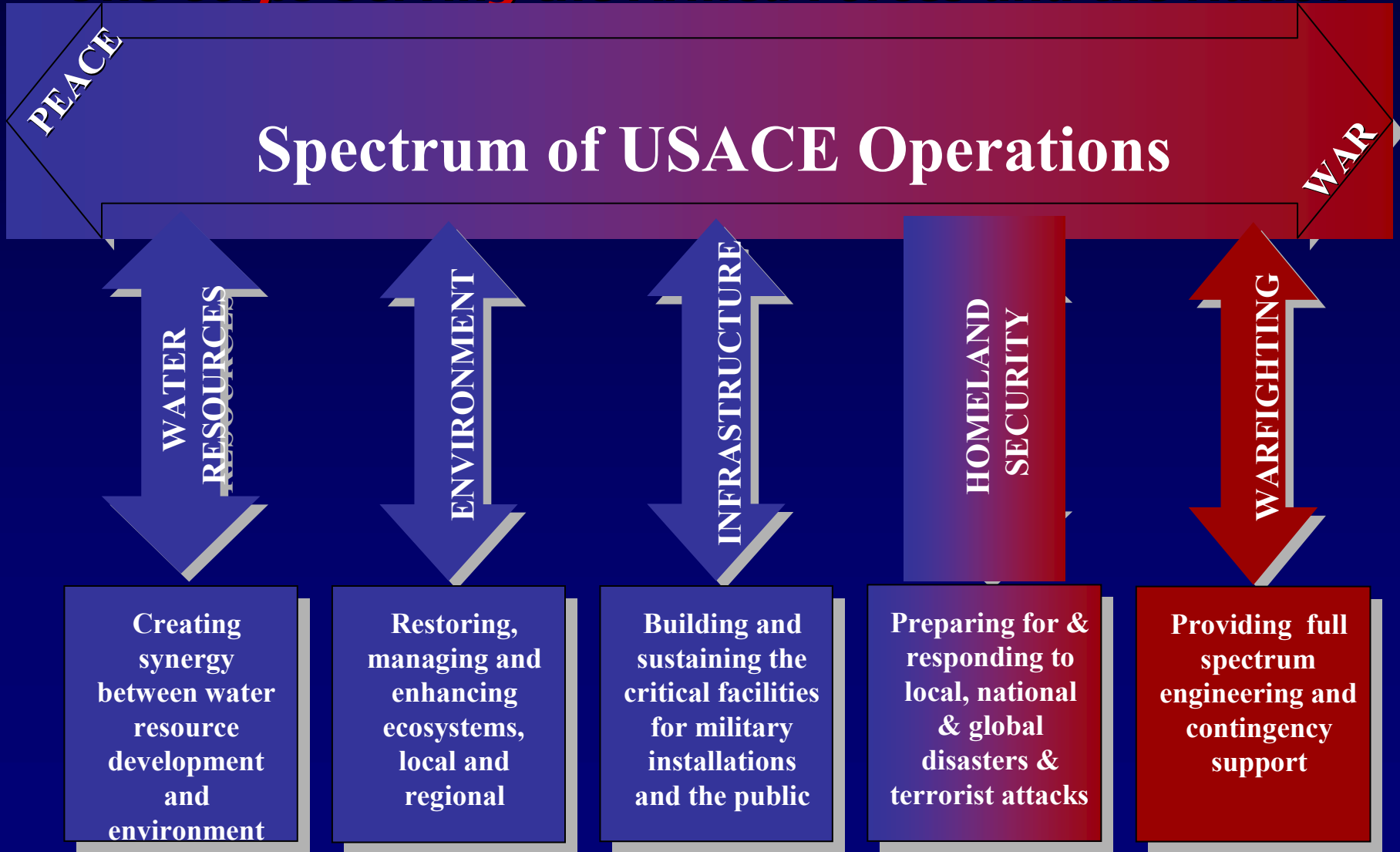


Regulatory Responsibilities

- US Ports & Waterways convey > 2B Tons Commerce
- Foreign Trade alone creates > \$160 B Tax Revenues

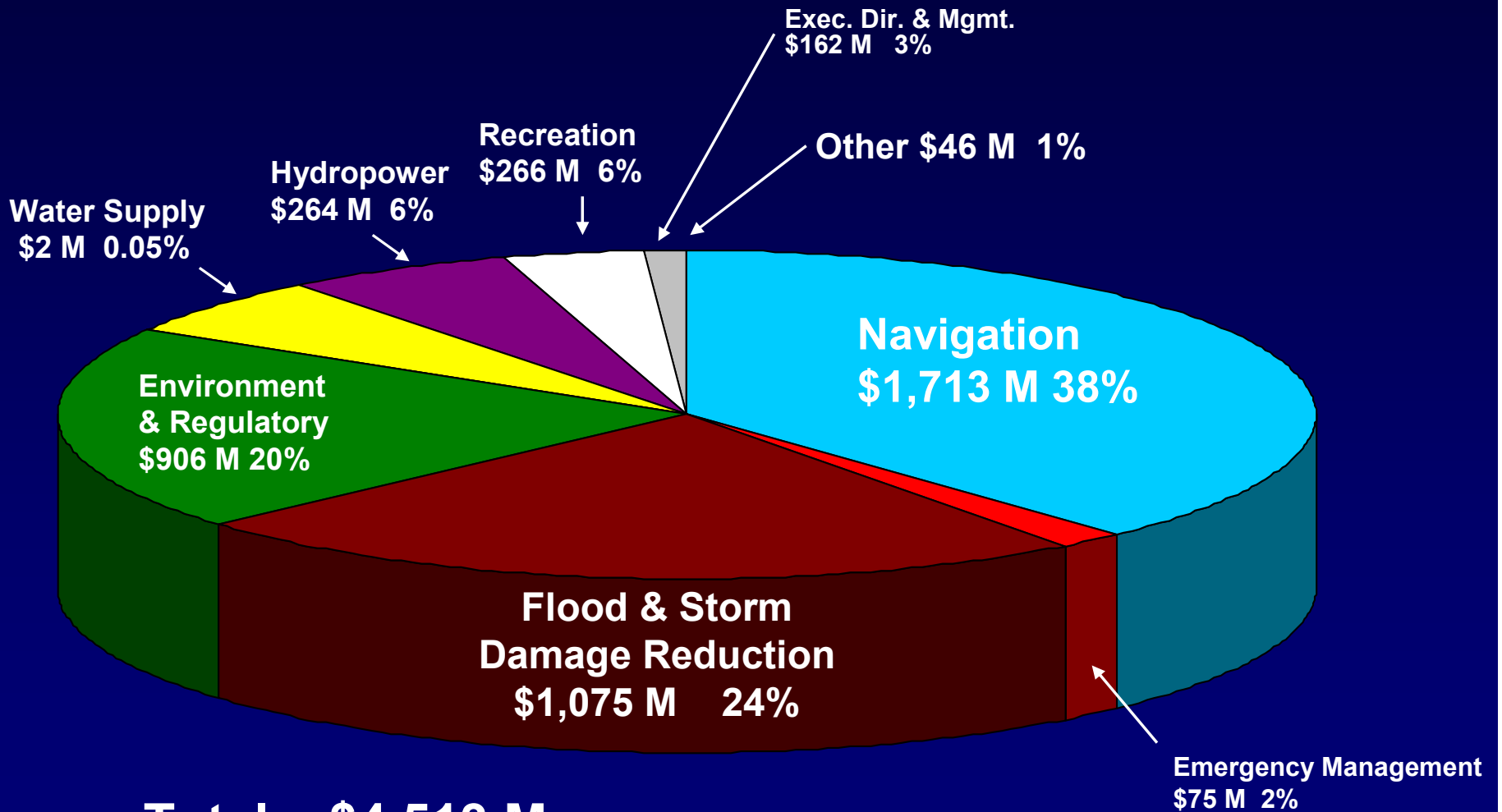
The US Army Corps of Engineers

One Corps Serving the Armed Forces and the Nation



FY 06 Civil Works Budget

by Business Program



Total = \$4,513 M

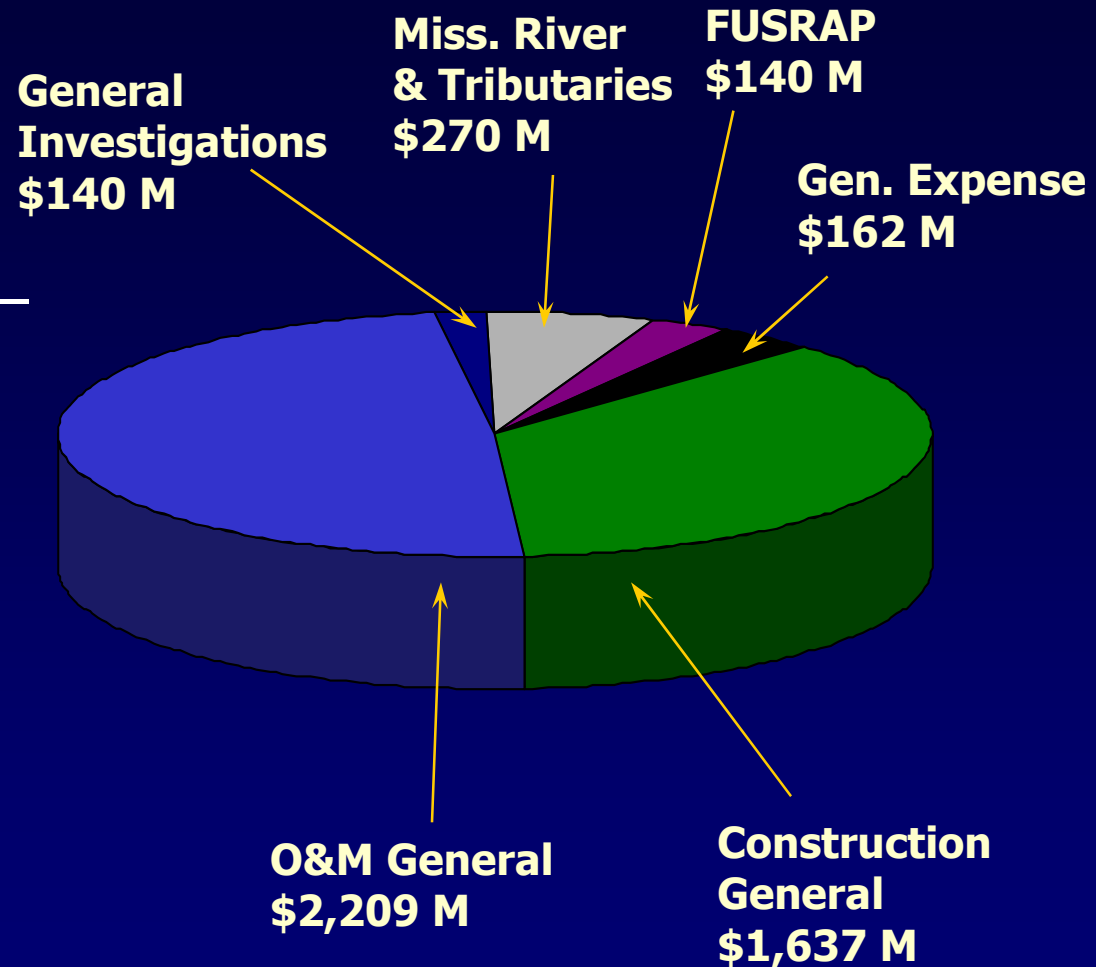
FY06 Civil Works Pres Budget

Trends

- Performance based budgeting – “efficient funding of fewer projects”
- Comprehensive approach (watershed)

Outlook

- Continued “flatline” funding resulting in overall less buying power

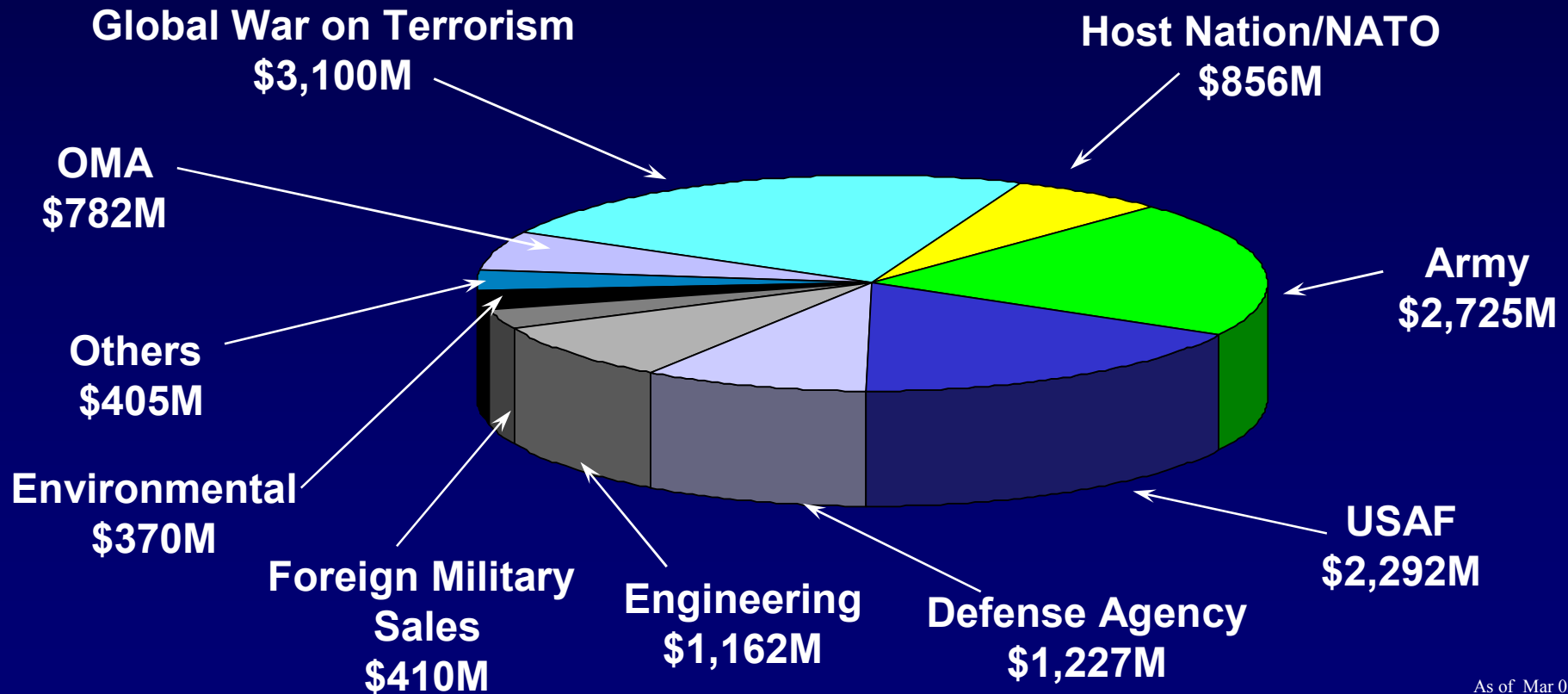


FY06 CW Pres Budget= \$4.5 B

FY06 Military Programs Budget

Total = \$13.3B

* Note: Environmental does not include Superfund or FUSRAP.



FY05 USACE Program Military Programs

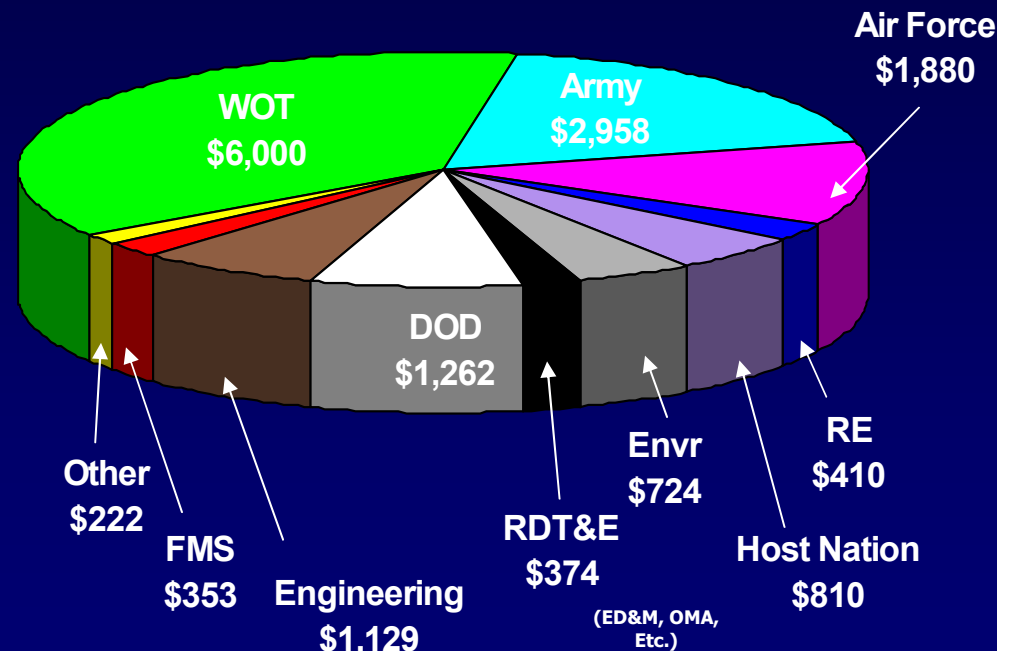
Total \$16,122 M

Trends

- Total Military Construction (MILCON) at \$3.6B is slight increase from FY04 (\$3.5B)
- War On Terror (WOT) at \$6.0B is significant increase from FY04 (\$4.9B)

Outlook

- Continued support to BRAC 05 and Global Posturing Initiative (GPI), Army Modular Force
 - Commercial Industry Standards & Criteria (facilities & acquisition)
 - Manufactured buildings (not re-locatable structures)



U.S. Army Corps of Engineers

One Team Serving the Armed Forces and the Nation

Spectrum of USACE Operations

