

Civil Works Process Overview

Let Mon Lee
Office of Assistant Secretary of the Army
(Civil Works)
Let.M.Lee.CIV@mail.mil
Office: (703)614-3977
Mobile: (703)269-7676

Organizational Structure



**Assistant Secretary
of the Army
(Civil Works)
Washington, D.C.**

**Headquarters
Washington, D.C**

**DIVISIONS
8 Regional Offices**

**Districts
38 Local Offices**



Civil Works Business Lines

- **Navigation**
- **Flood and Storm Risk Management**
- **Aquatic Ecosystem Restoration**
- **Watershed Planning**
- **Emergency Management**
- **Regulatory Program**

- **Hydropower**
- **Recreation**
- **Water Supply**

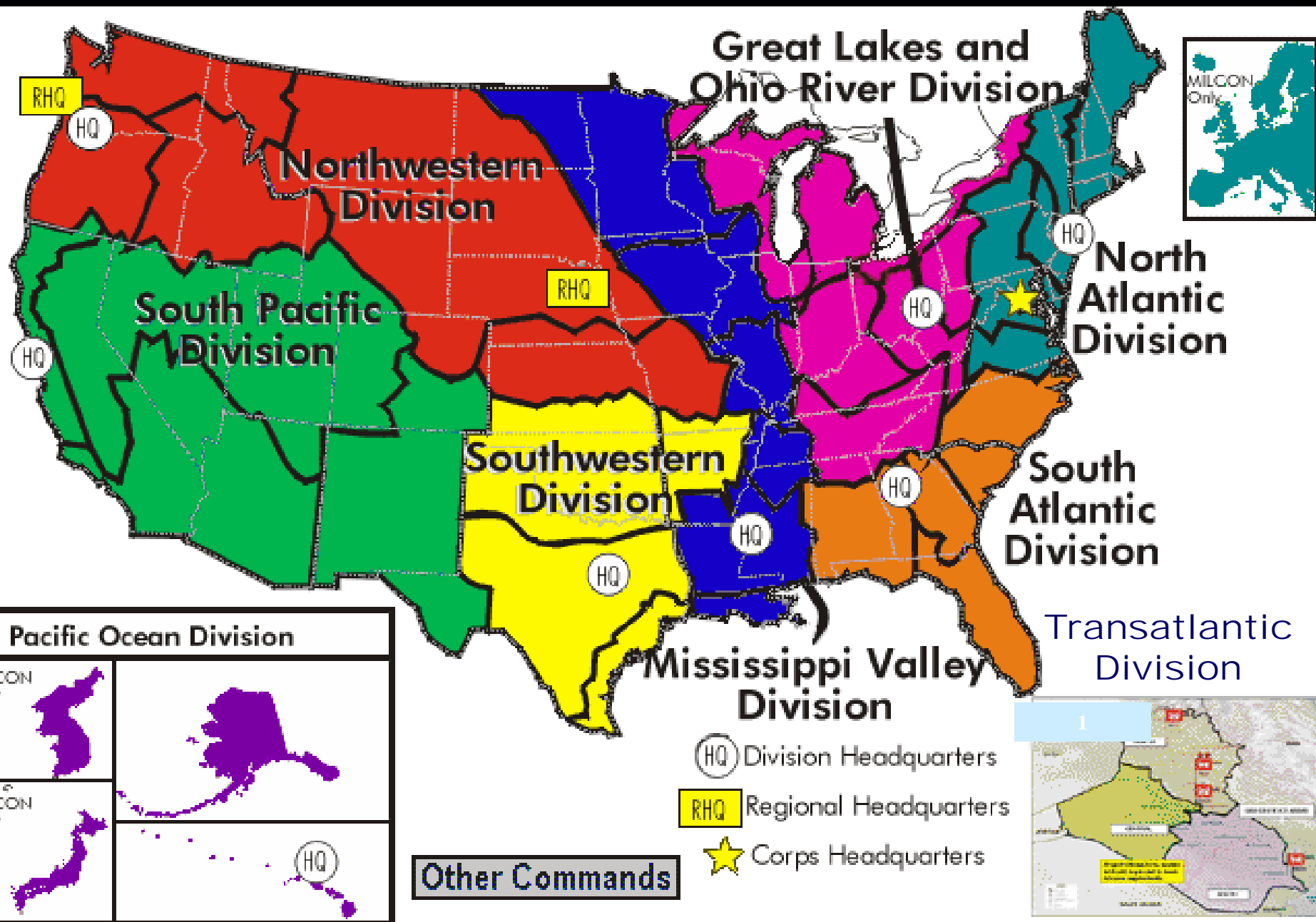
Note: items below this line are not budget-able



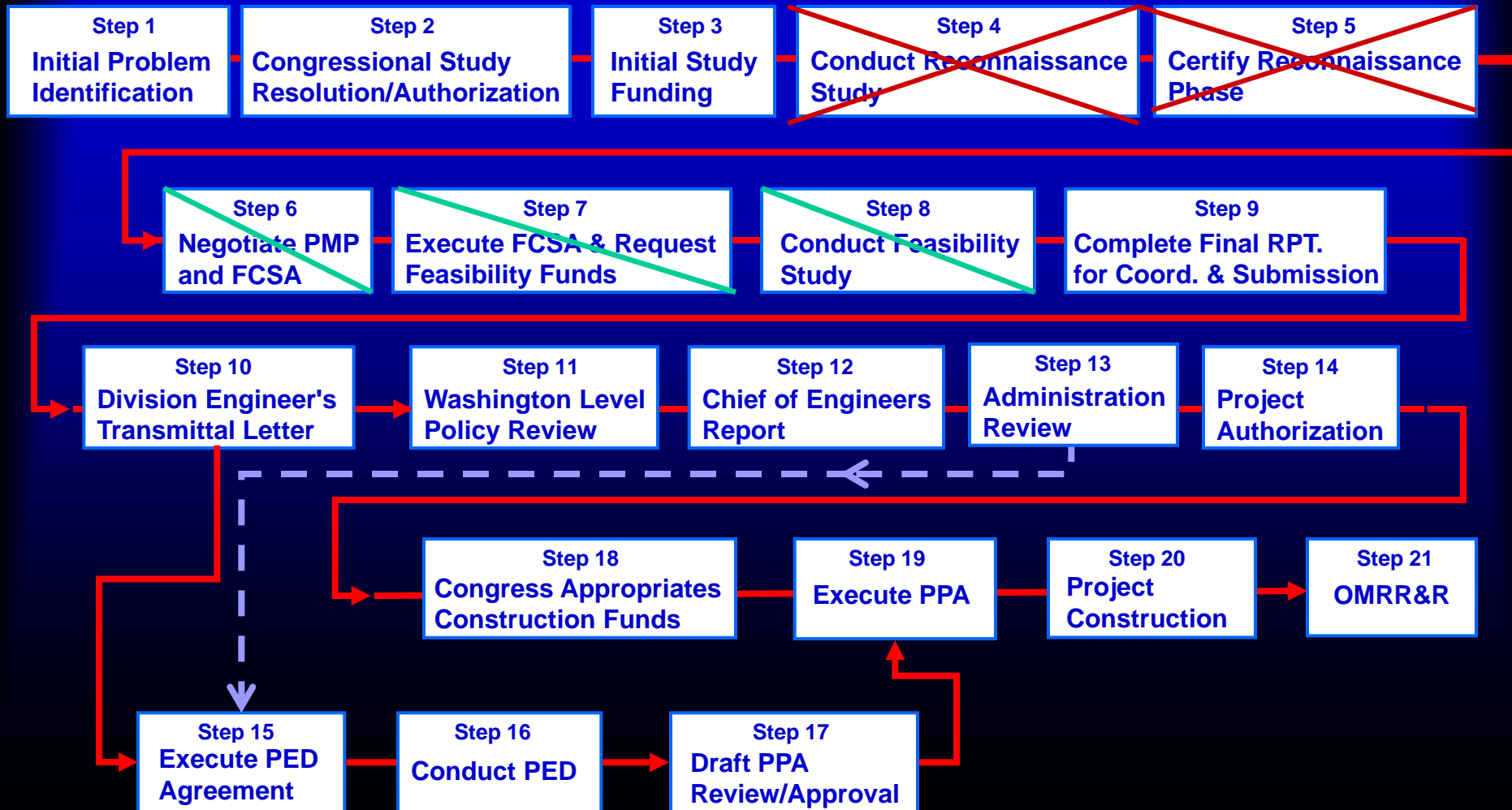
US Army Corps
of Engineers

CIVIL WORKS DISTRICT AND DIVISION BOUNDARIES





Civil Works Project Delivery Process



Civil Works Project Delivery Process

Step 1

Initial Problem
Identification

Step 2

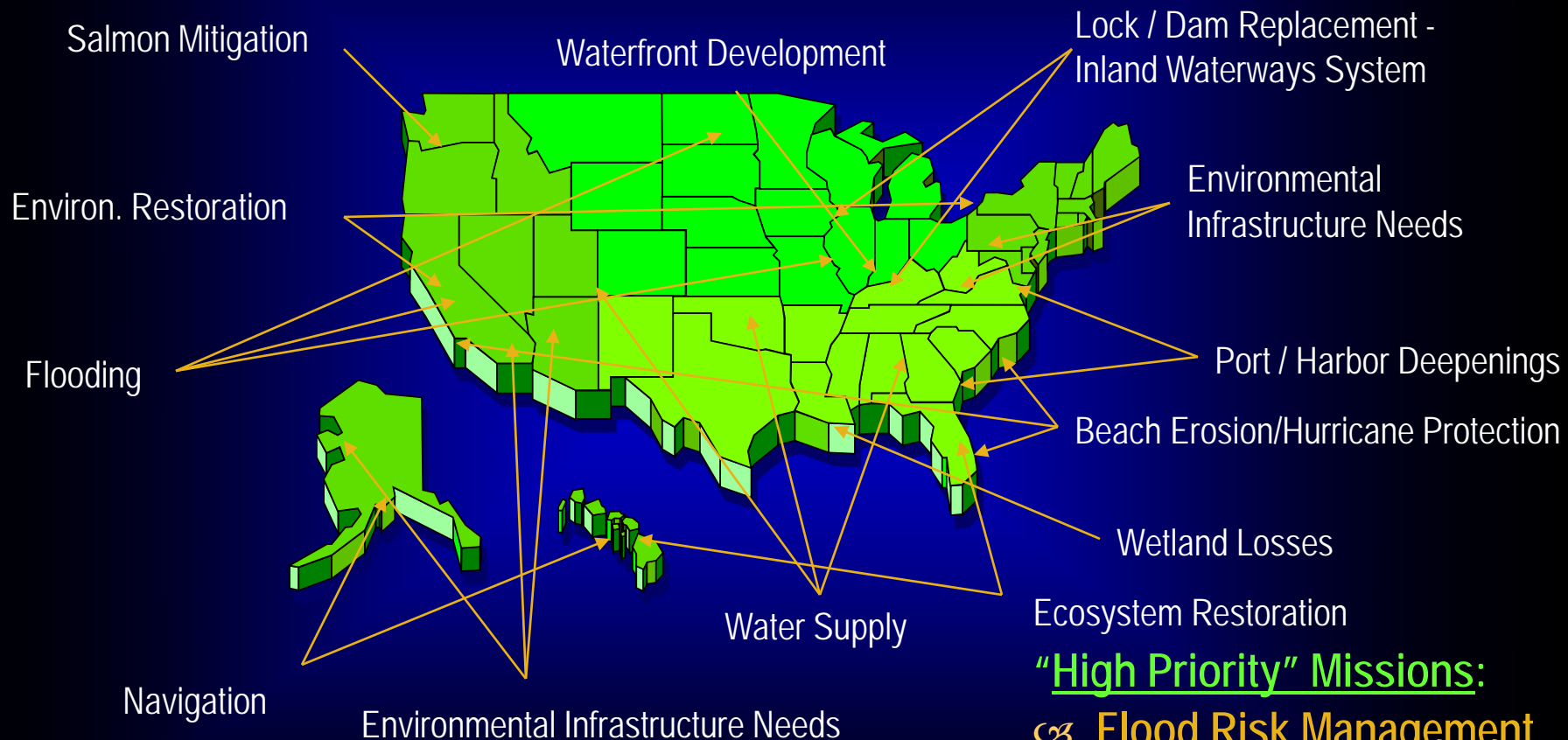
Congressional Study
Resolution/Authorization

Step 3

Initial Study
Funding

Pre-planning phase

STEP 1 - Initial Problem Identification



Requires Local Letter to the Corps to Start

"High Priority" Missions:

- ❧ Flood Risk Management
- ❧ Commercial Navigation
- ❧ Ecosystem Restoration
- ❧ Watershed Planning

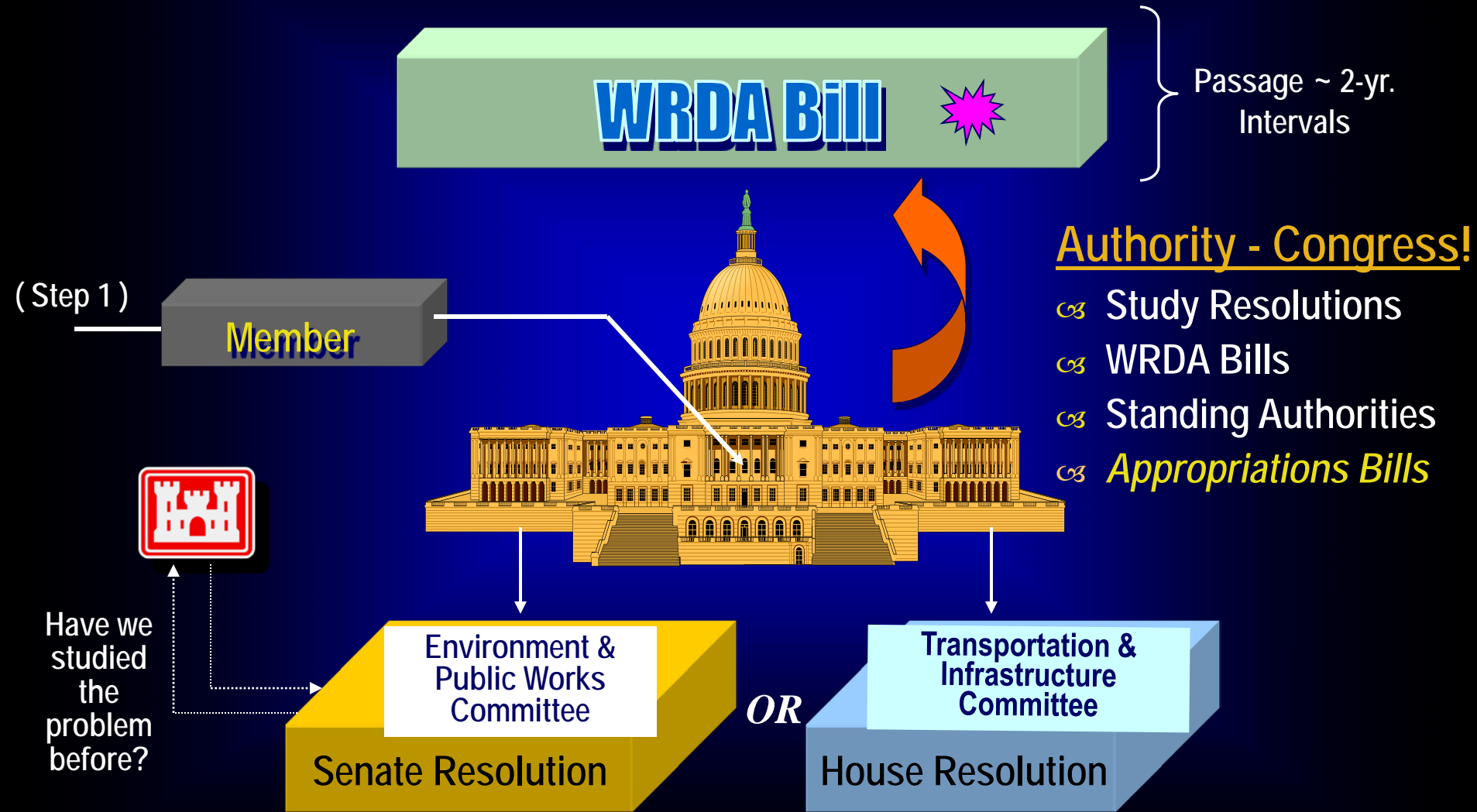
CIVIL WORKS MISSIONS:

- **Navigation – (1824)**
- **Flood Risk Management (1936) & Coastal Storm Damage Reduction**
- **Ecosystem Restoration (1996)**
- **Watershed Planning (1986)**
- ❧ Water Supply (Municipal/Industrial)
- ❧ Hydropower
- ❧ Recreation
- ❧ Emergency Operations

HIGH PRIORITY



STEP 2 - Congressional Study Resolution / Authorization



KEY CONGRESSIONAL COMMITTEES

AUTHORIZATION

SENATE

Committee on Environment and Public Works

Subcommittee on Transportation and Infrastructure
and Public Safety

HOUSE OF REPRESENTATIVES

Committee on Transportation and Infrastructure

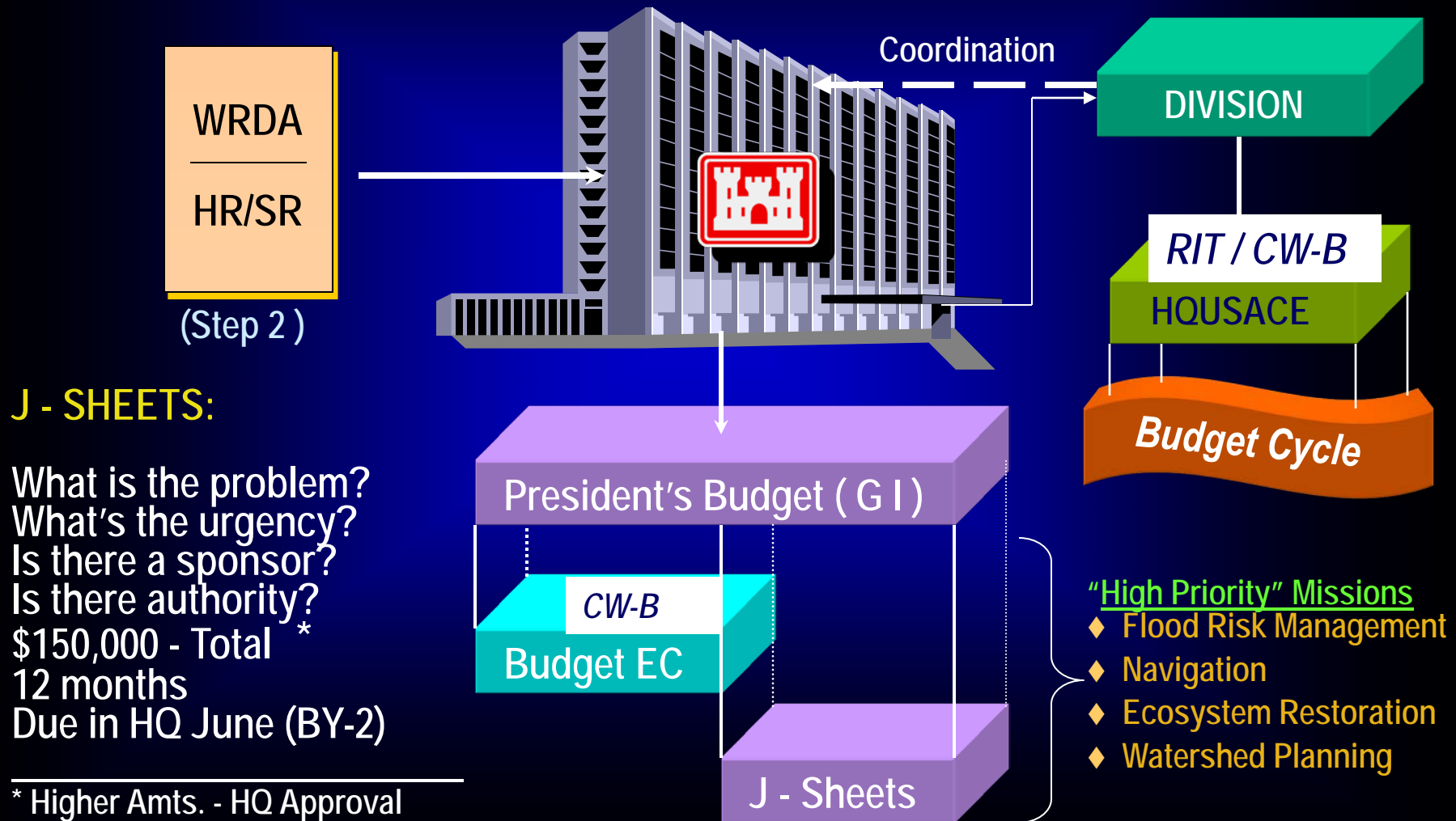
Subcommittee on Water Resource Development

Authorization Committees establish Legal Authority

Authority may be for one or more years

Authority may recommend funding levels

STEP 3 - Initial Study Funding



RIT – Regional Integration Team

FY16 Budget Breakdown

<u>Operations & Maintenance -</u>	\$ 2,710,000,000 (57.3%)
<u>Construction General -</u>	\$ 1,172,000,000 (24.8%)
General Investigations -	\$ 97,000,000 (2.0%)
MR&T -	\$ 225,000,000 (4.8%)
Regulatory -	\$ 205,000,000 (4.3%)
General Expenses/ASA(CW) -	\$ 185,000,000 (3.9%)
FCCE	\$ 34,000,000 (0.7%)
Other - (FUSRAP)	\$ 104,000,000 (2.2%)
	<u>\$ 4,732,000,000</u>

FY 16 President's Budget

=

Total = \$3,999,000,000,000



Civil Works = \$4,732,000,000 (0.12%)

KEY CONGRESSIONAL COMMITTEES

APPROPRIATION

SENATE

Appropriations Committee

Subcommittee on Energy and Water Development

HOUSE OF REPRESENTATIVES

Appropriations Committee

Subcommittee on Energy and Water Development

Appropriation Committees provide Budget Authority

Grant the Executive Branch authority to spend (obligate) money

Provide All Funds

Provide Partial Funds

Provide No Funds

OMB Provides
Budget Guidance
(Jan)



HQ Provides
Budget Limits
& Guidance (Mar)



Field Offices
Develop Program
Requirements
(Mar-Apr)

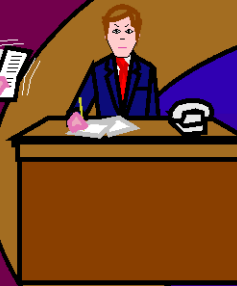


HQ Review
& Approval
(May-Jul)

Civil Works Program Development Cycle



Program Presented
to Sec. Army;
(Jul-Aug)
Submitted
to OMB
(Sept)

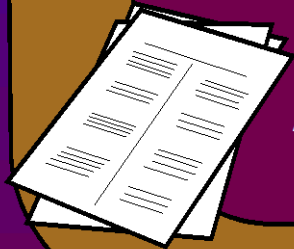


OMB
Passback
(Nov-Dec)

Allocations
to Field
(Oct-Dec)



Appropriations
Bill
(Jul-Sep)



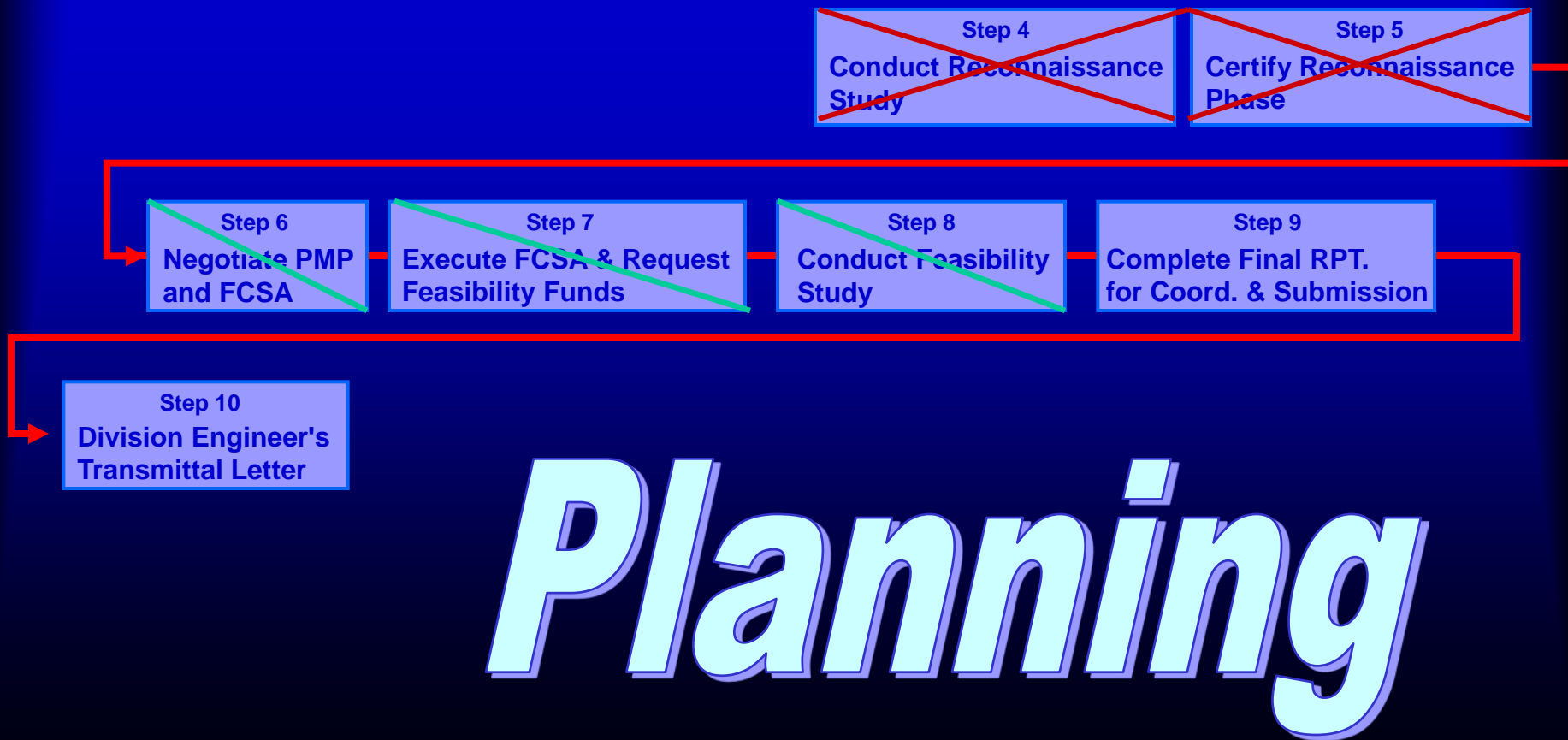
Congressional
Hearings
(Feb-Mar)



Final "President's"
Budget to Congress
(Feb)

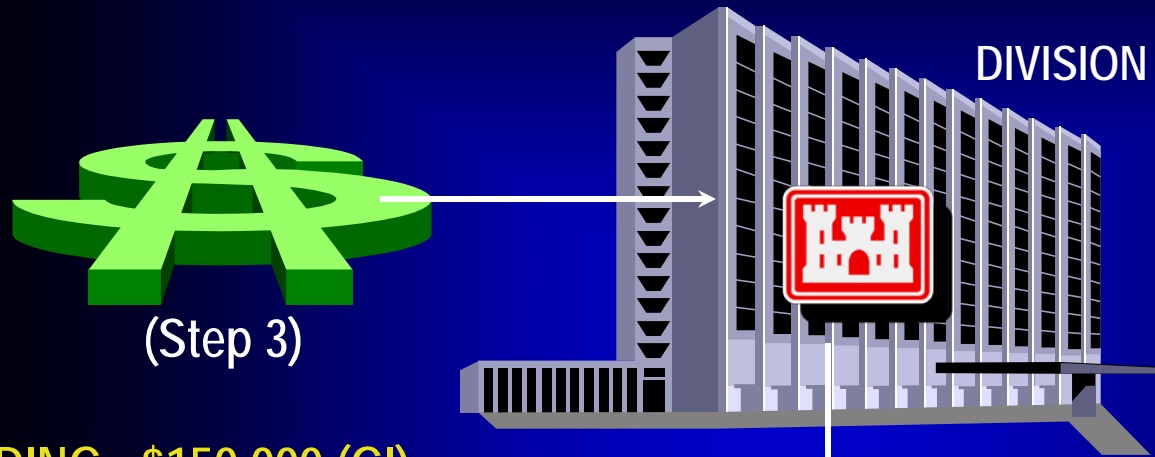


Civil Works Project Delivery Process



* Section 1001 and **1002** of WRRDA 2014

STEP 4 - Conduct Reconnaissance Study



FUNDING - \$150,000 (GI)

905(b) Analysis

Charette

Project Mgmt. Plan

Sponsor
Meeting

S.905(b)

Charette

- ✎ Use available info. & data
- ◆ Utilize experienced staff
- ◆ Completion - 6 months
- ◆ Document Assumptions

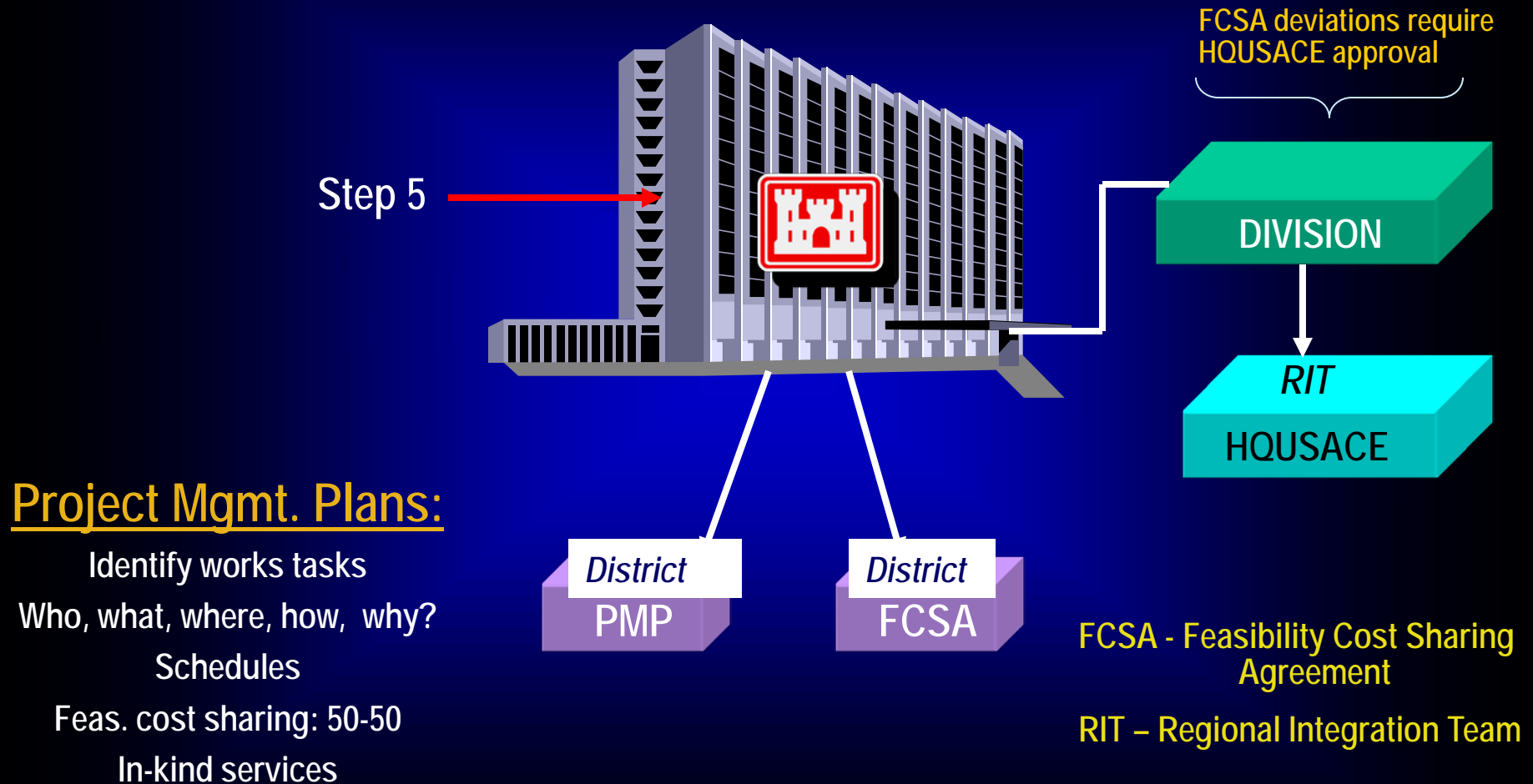
STEP 5 - Certify Reconnaissance Phase



LOI - Letter of Intent (Sponsor)!!!

**CERTIFICATION – Transferred from HQ to Division!!
(ER 1105-2-100 Appendix G)**

STEP 6 - Negotiate Draft PMP & FCSA



FCSA - Model Agreement

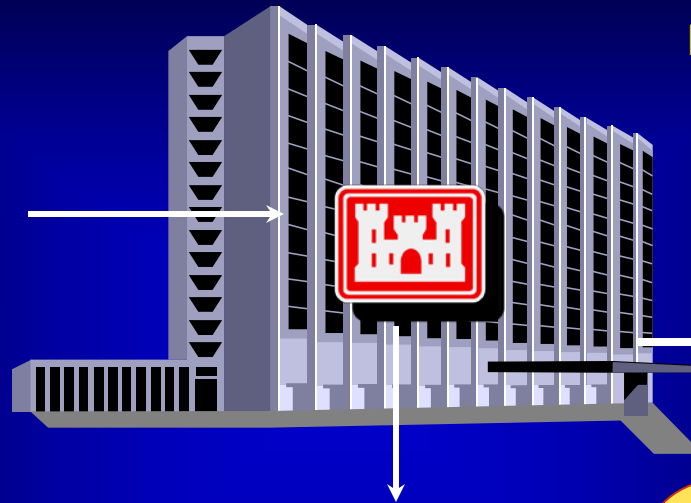
STEP 7 - Execute FCSA & Feasibility Funds

PMP - Project Management Plan

FCSA - Feasibility Cost Sharing Agreement

PMP & draft FCSA

(Step 6)



Initiate Feasibility Study

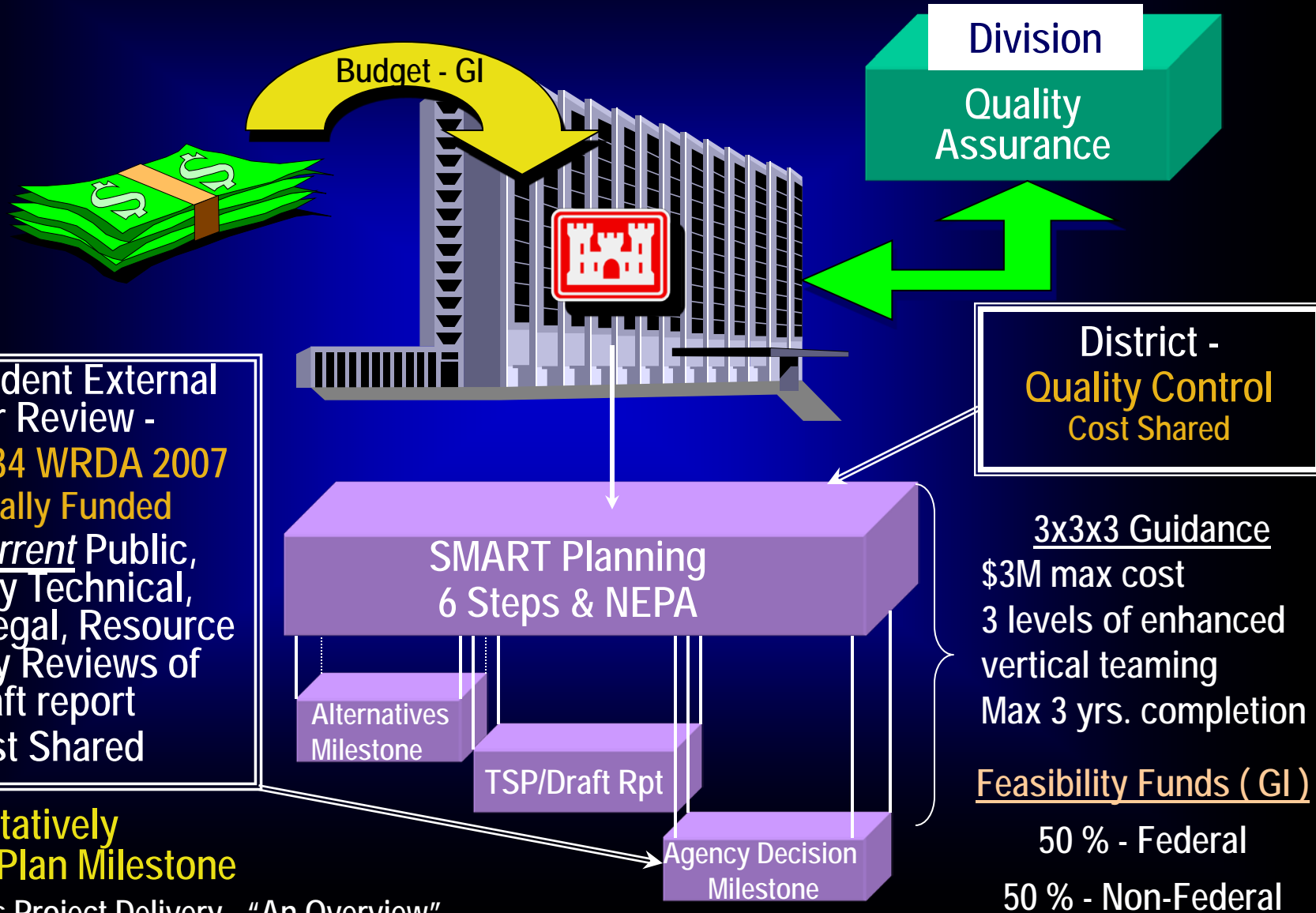
FCSA

*DISTRICT
ENGINEER*

The FCSA is a contract between the Sponsor & the Corps!

SPONSOR

STEP 8 - Conduct Feasibility Study



TSP - Tentatively
Selected Plan Milestone

Civil Works Project Delivery - "An Overview"

STEP 9 - Complete Final Rpt. for Coordination & Submission

Agency
Decision
Milestone

(Step 8)



Conduct Feasibility-Level
Analysis

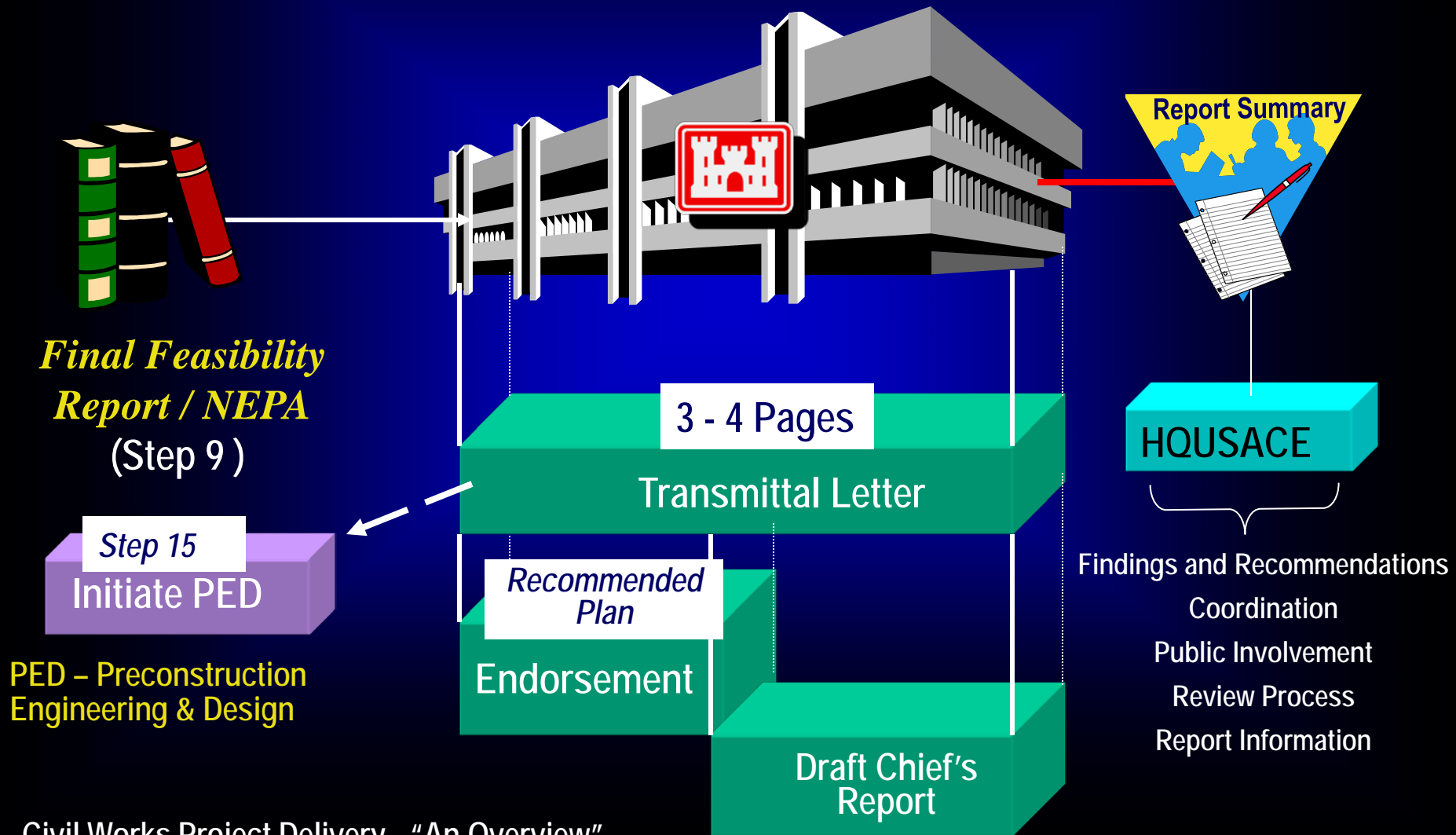
Prepare Final
Feasibility Report

Division

PMP Proj. Implement

Begin PED Negot.

STEP 10 - Division Engineer's Transmittal Letter



Civil Works Project Delivery Process

Washington Level Review

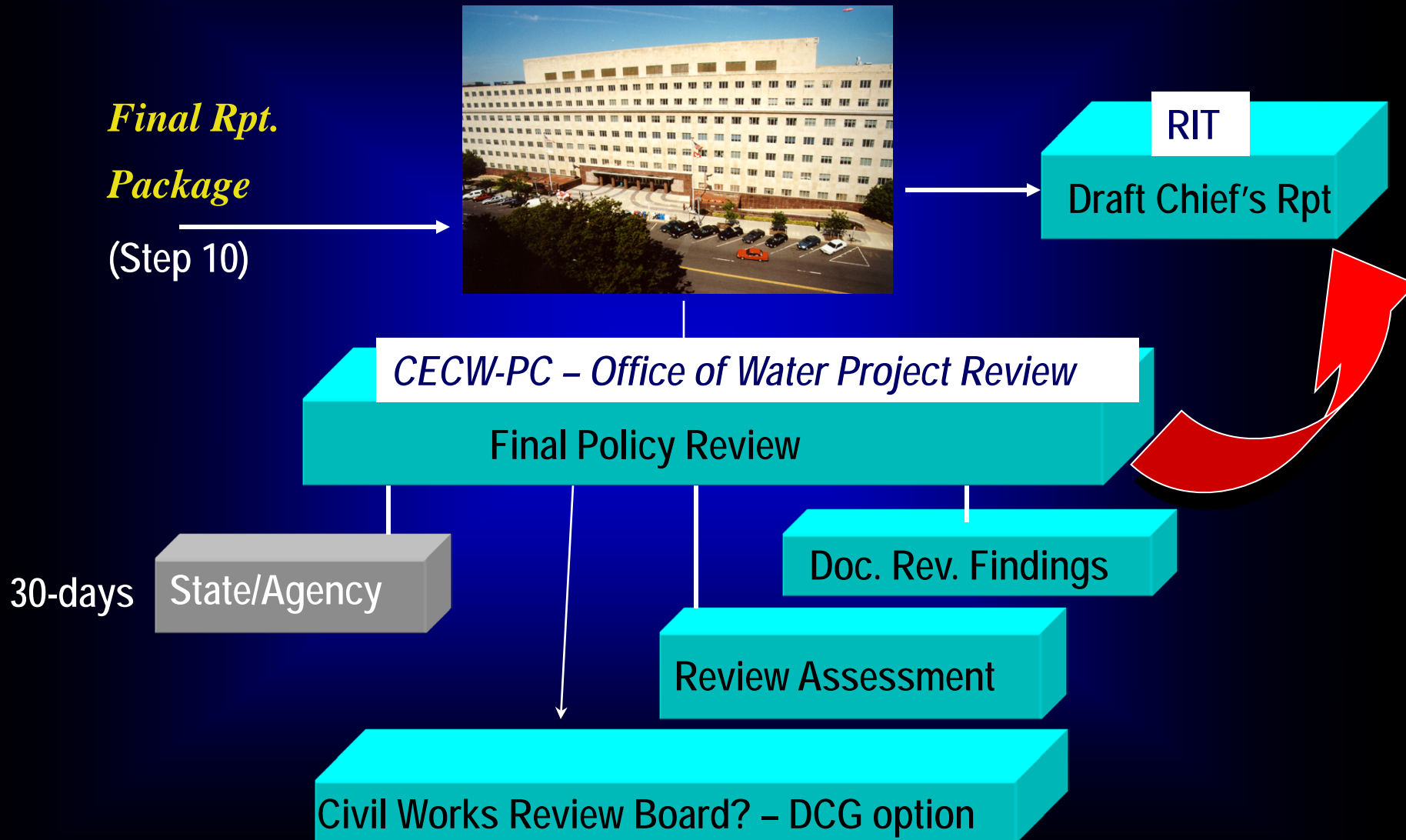
Step 11
Washington Level
Policy Review

Step 12
Chief of Engineers
Report

Step 13
Administration
Review

Step 14
Project
Authorization

STEP 11 - Washington Level Policy Review



STEP 12 - Chief of Engineer's Report



STEP 13 - Administration Review

120 Days Maximum -
Section 2033 WRDA 2007

*Chief of
Engineer's
Report*
(Step 12)

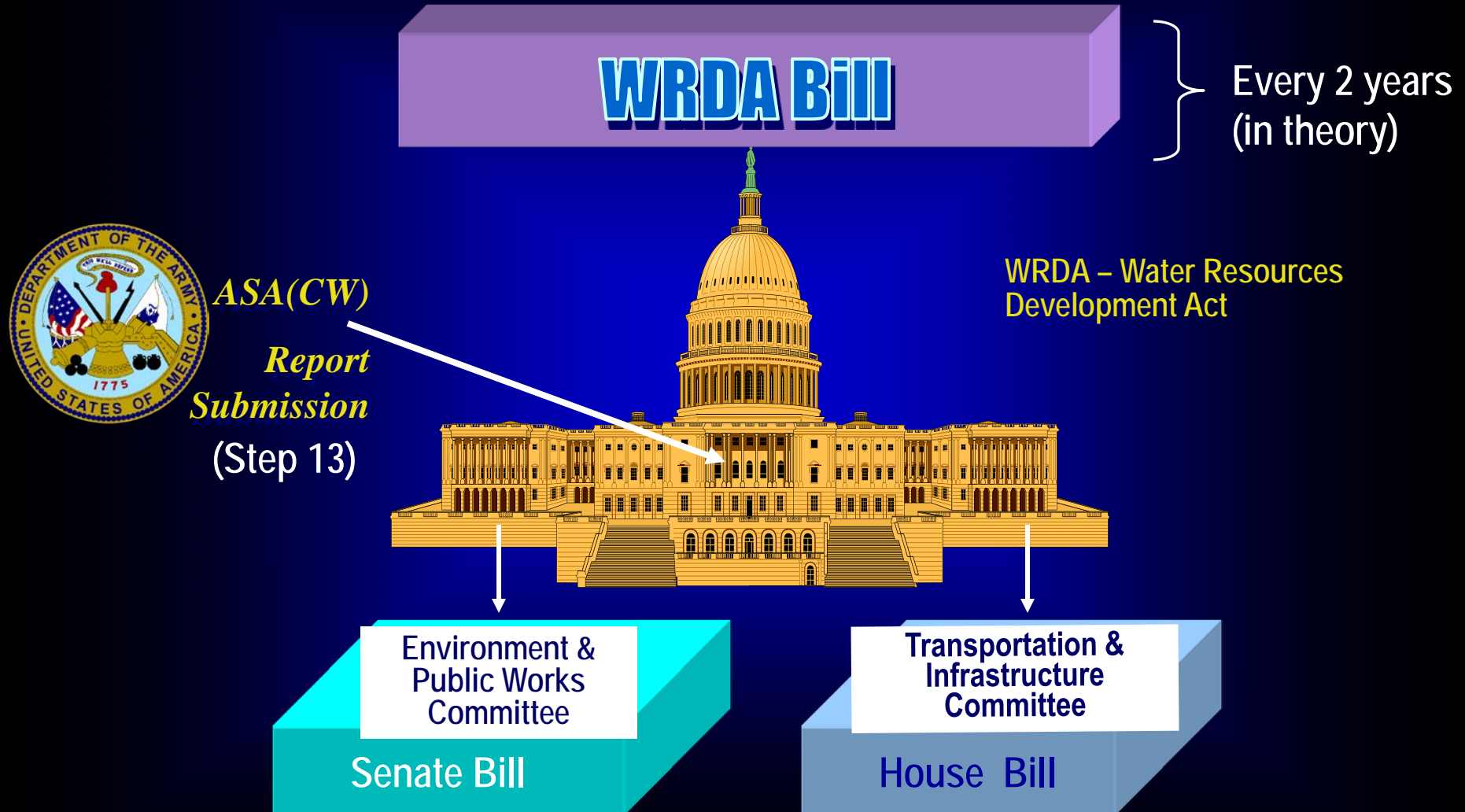


Report
Submission to
Congress

OMB Staff -
Project Briefing



STEP 14 - Project Authorization



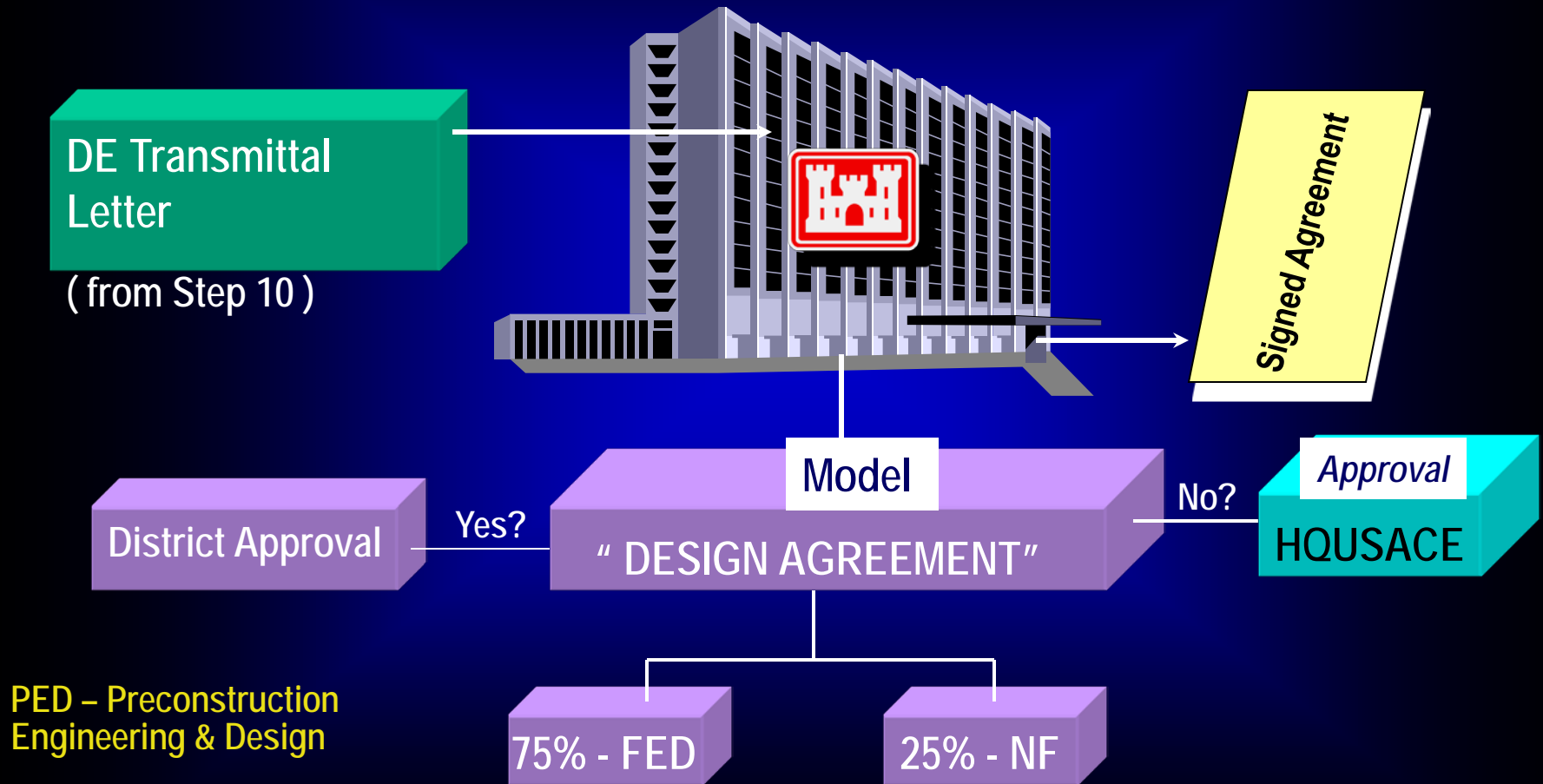
Civil Works Project Delivery Process

Pre-construction Engineering & Design

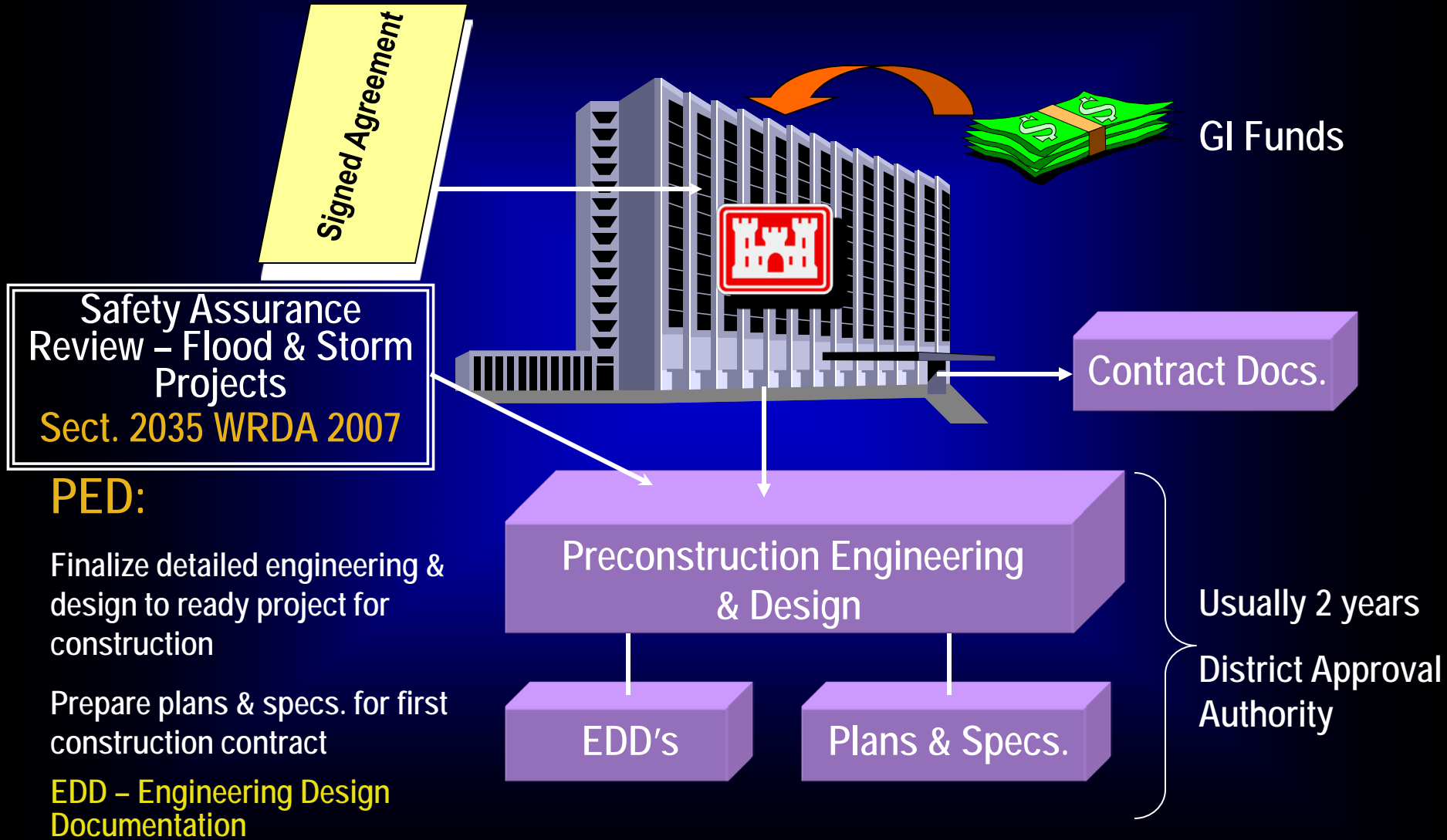
Step 15
Execute PED
Agreement

Step 16
Conduct PED

STEP 15 - Execute PED Agreement



STEP 16 - Conduct PED



Civil Works Project Delivery Process

Project Implementation

Step 18
Congress Appropriates
Construction Funds

Step 19
Execute PPA

Step 17
Draft PPA
Review/Approval

STEP 17 - Draft PPA Review / Approval

PPA – Project Partnership Agreement

Guidance :

EC 1165-2-204, dated
31 July 1997



Draft PPA
Approval

ASA(CW)

RIT

Draft PPA Package

Deviations

Financial Anal.

Checklist

Legal Certification

- ♦ Status – see Plan & Policy Home Page
- ♦ Usually 60-day review time.

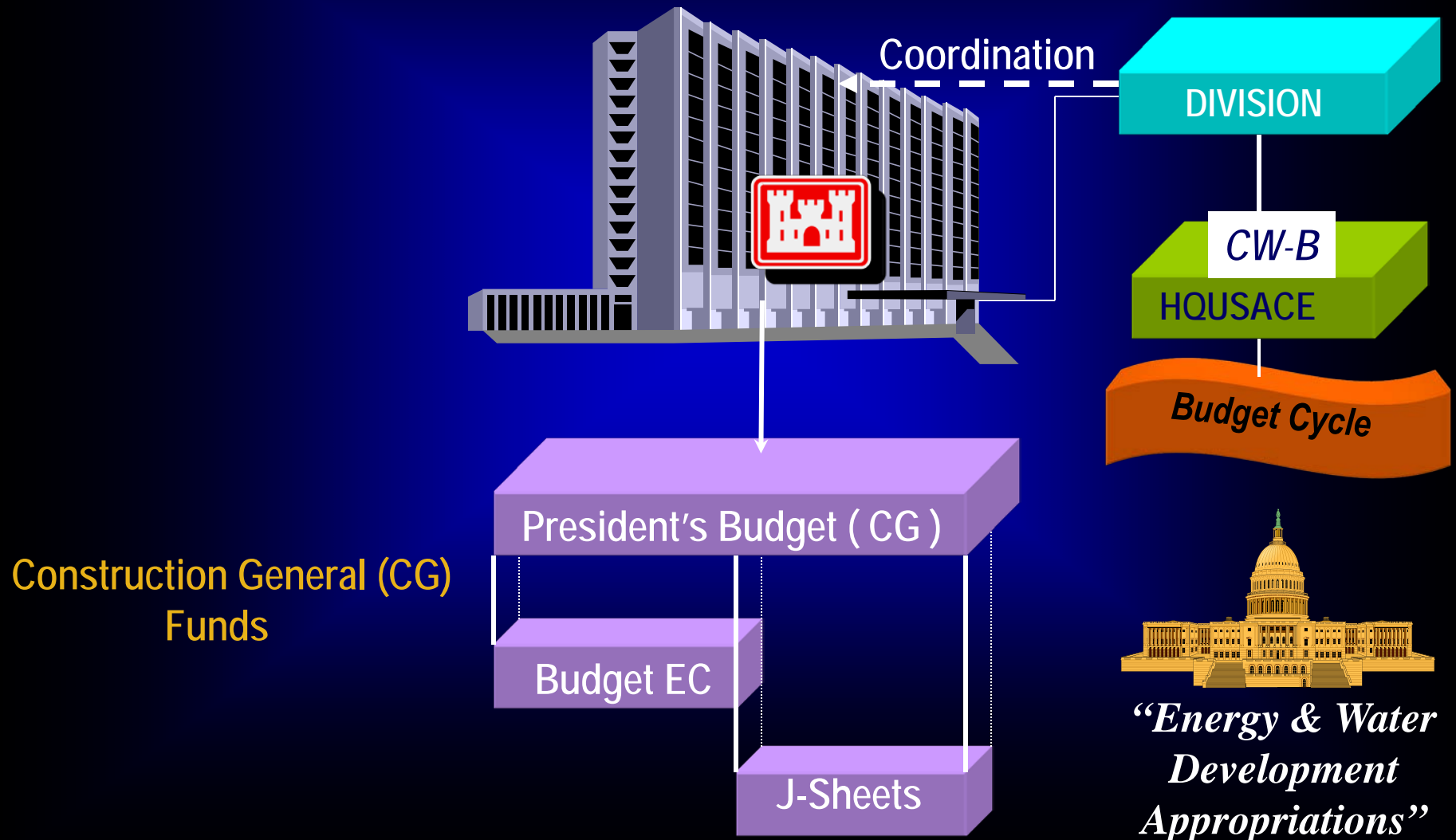
Decision Document Approved?

Const. Funds -

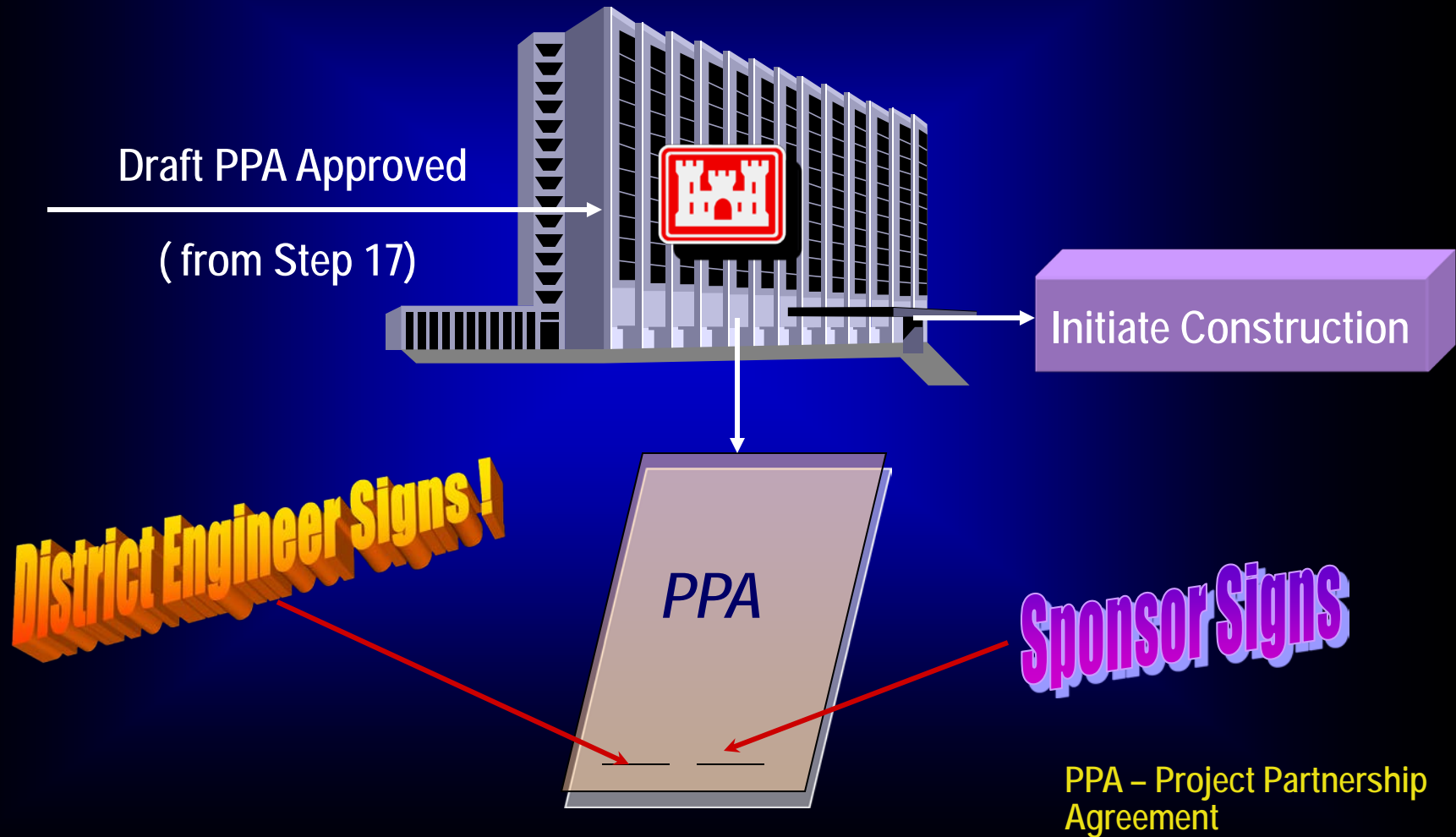
Budgeted ?

Added ?

STEP 18 - Congress Appropriates Construction Funds



STEP 19 - Execute PPA

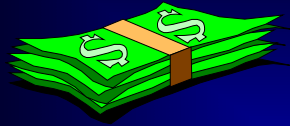


Civil Works Project Delivery Process

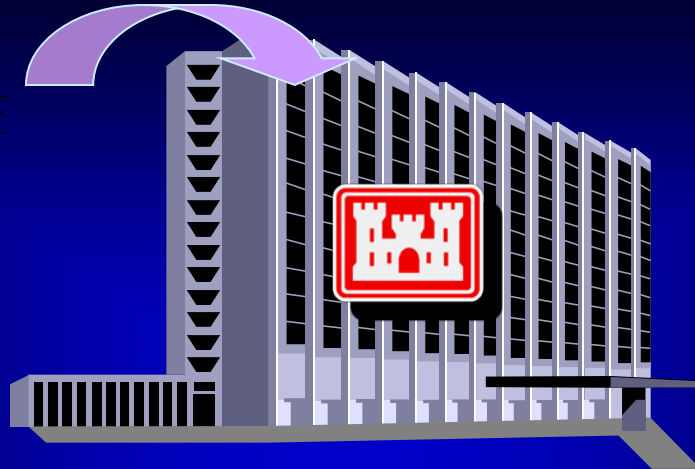
Construction

Step 20
Project
Construction

STEP 20 - Project Construction



CG Funds



Deep Draft Navigation

<u>Depth</u>	<u>Cost Share</u>
< 20 ft.	90% - Fed 10% - NF *
20 - 45 ft.	75% - Fed 25% - NF *
> 45 ft.	50% - Fed 50% - NF *
Service Facilities	100% - NF

* Plus an additional 10% of General Navigation Features if not offset by LERRDs

Project Cost Sharing by Project Purpose

FLOOD RISK MANAGEMENT

65% -Federal
35% - Non-Federal

NAVIGATION

Inland:
50% - Federal
50% - Trust Fund

Deep Draft:
(see above)

ECOSYSTEM RESTORATION

65% -Federal
35% - Non-Federal

RECREATION

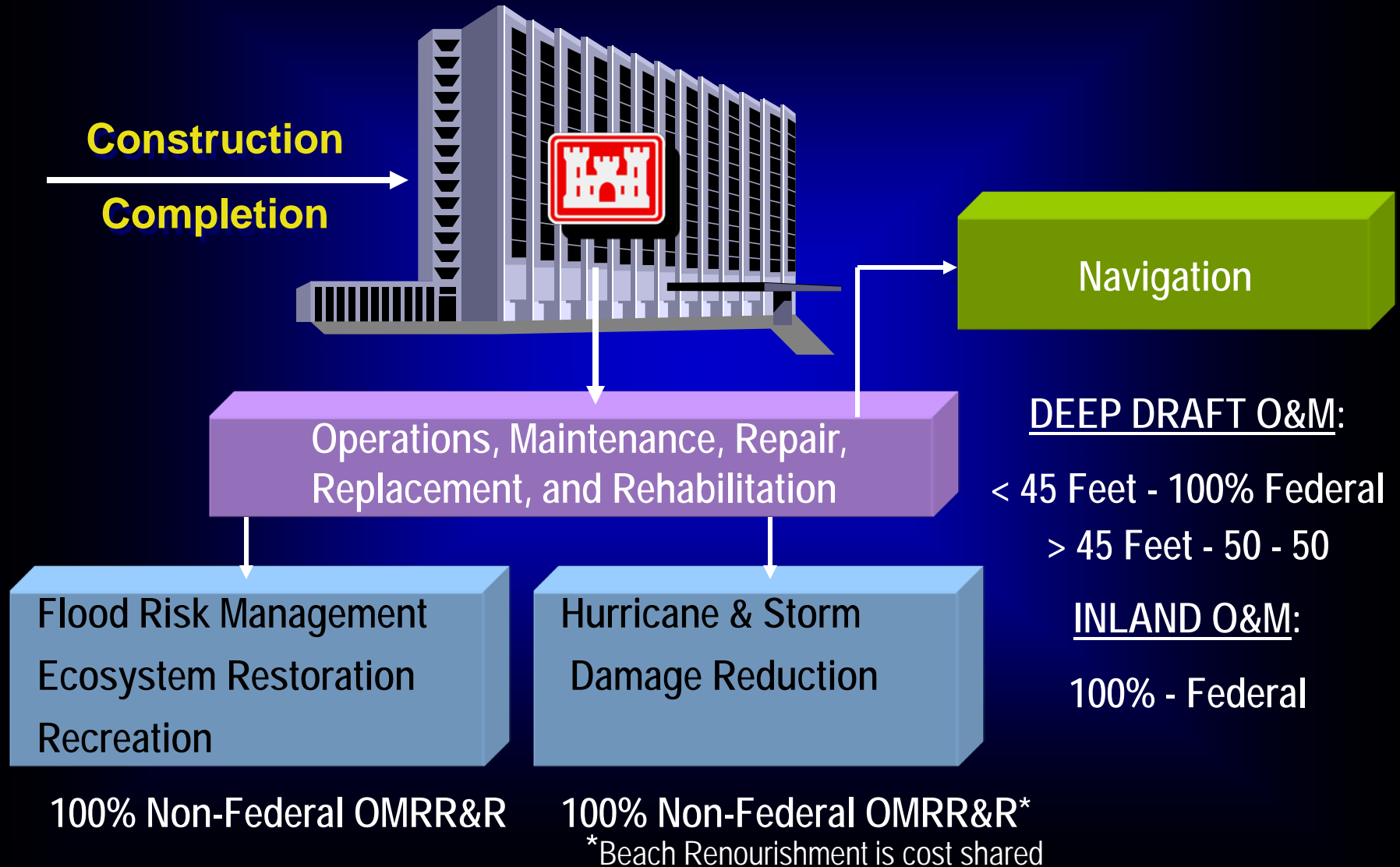
50% -Federal
50% - Non-Federal

Civil Works Project Delivery Process

Operation
Maintenance
Repair
Replacement
Rehabilitation

Step 21
OMRR&R

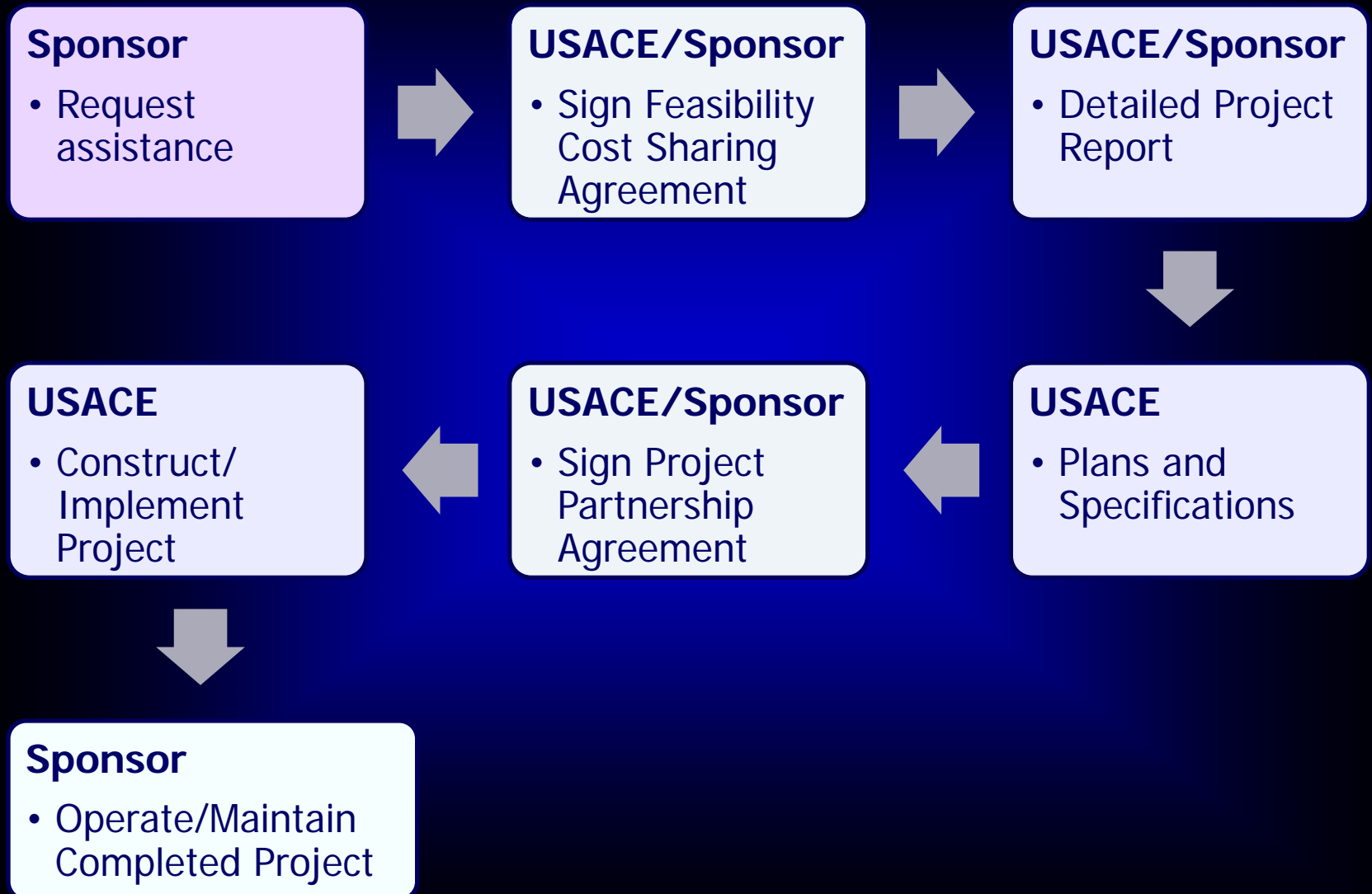
STEP 21 - OMRR&R



QUESTIONS P P



Continuing Authorities Project Process



Continuing Authorities Overview

Authority	Description	Per Project Cost Limit (\$M)	Per Program Cost Limit (\$M)
Section 14	Emergency Streambank Stabilization	5	20
Section 107	Navigation	10	50
Section 205	Flood Risk Management	10	55
Section 208	Flood Snagging/Clearing	0.5	7.5
Section 206	Aquatic Ecosystem Restoration	10	40
Section 1135	Ecosystem Restoration	10	25