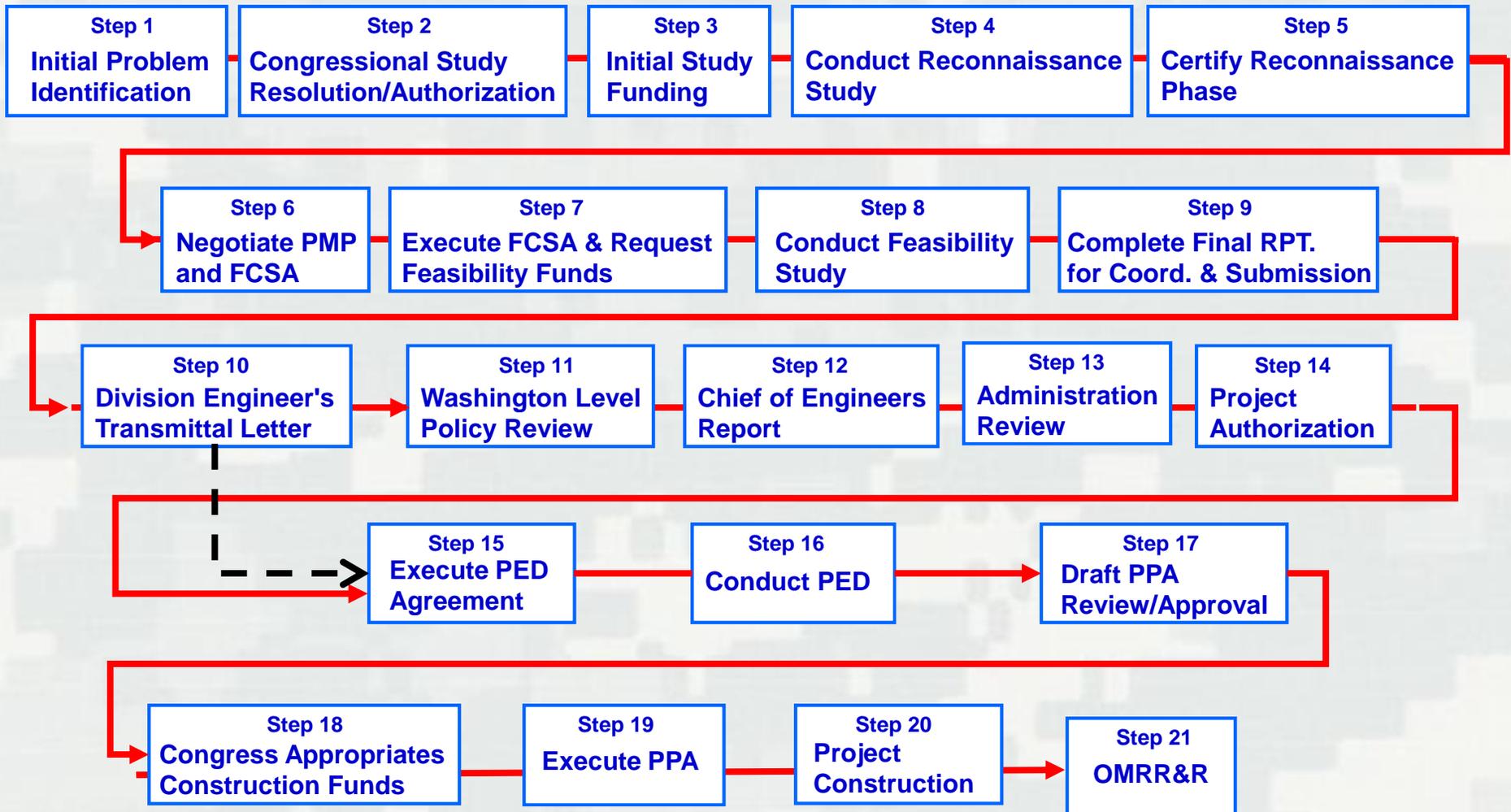


Moving from the Study Phase to Preconstruction Engineering and Design

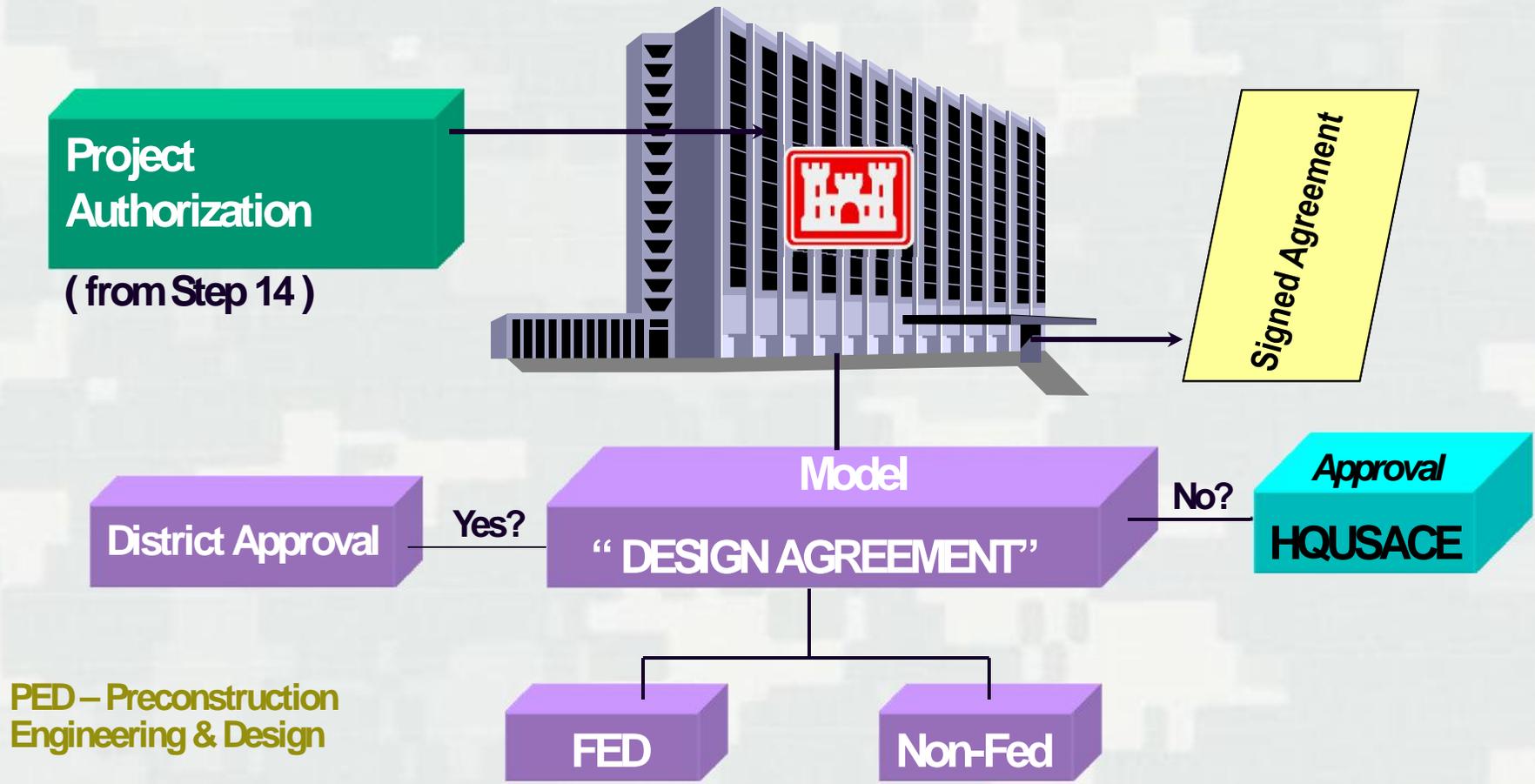


Office of Water Project Review
And the Deep Draft Navigation
Planning Center of Expertise
US Army Corps of Engineers

Civil Works Project Delivery Process



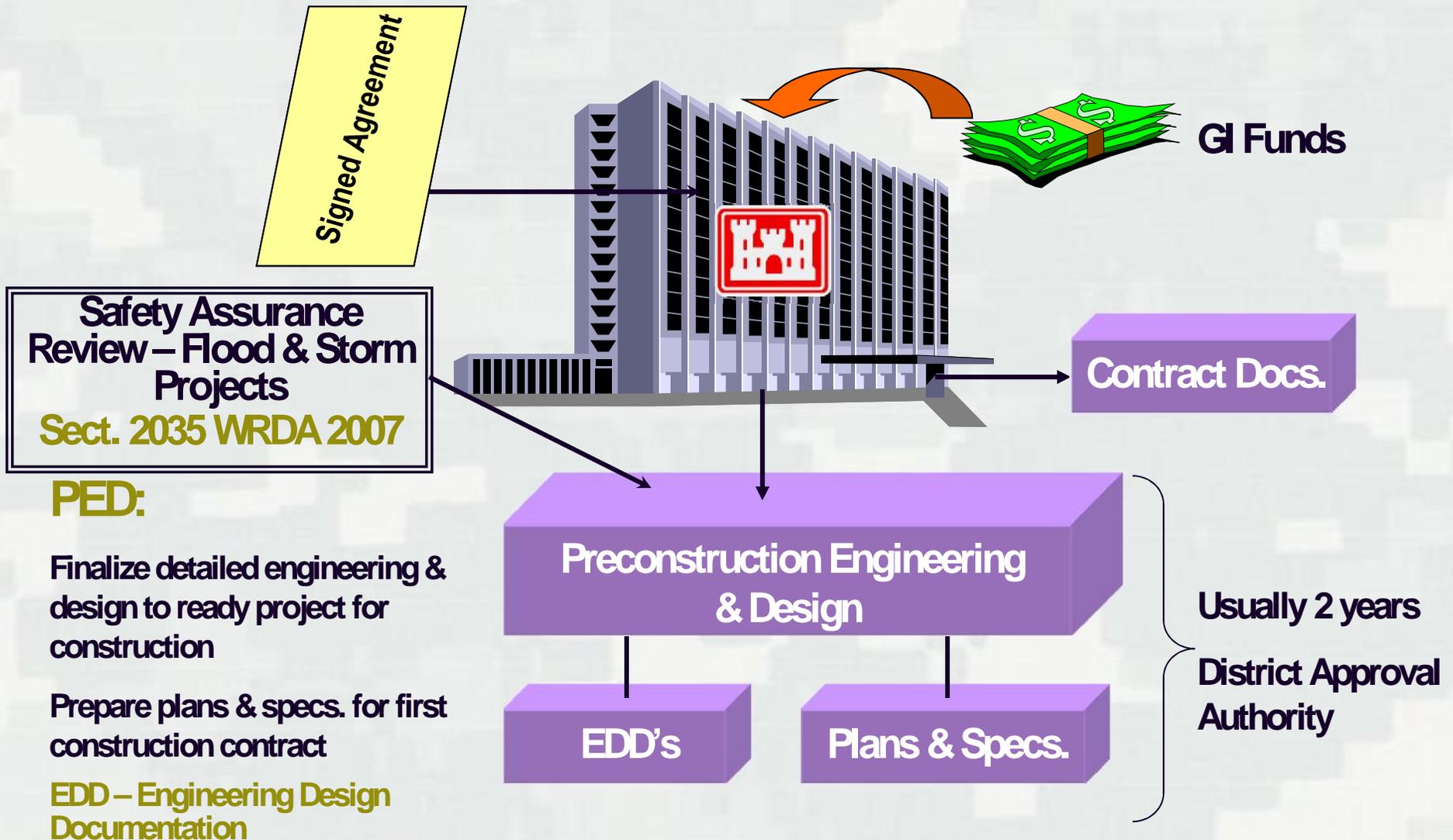
STEP 15 - Execute PED Agreement



PED – Preconstruction Engineering & Design

Cost shared at the same rate as construction

STEP 16 - Conduct PED



PED:

Finalize detailed engineering & design to ready project for construction

Prepare plans & specs. for first construction contract

EDD – Engineering Design Documentation

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

Decision Document Approved?

Const. Funds -

Budgeted ?

Added ?

Checklist

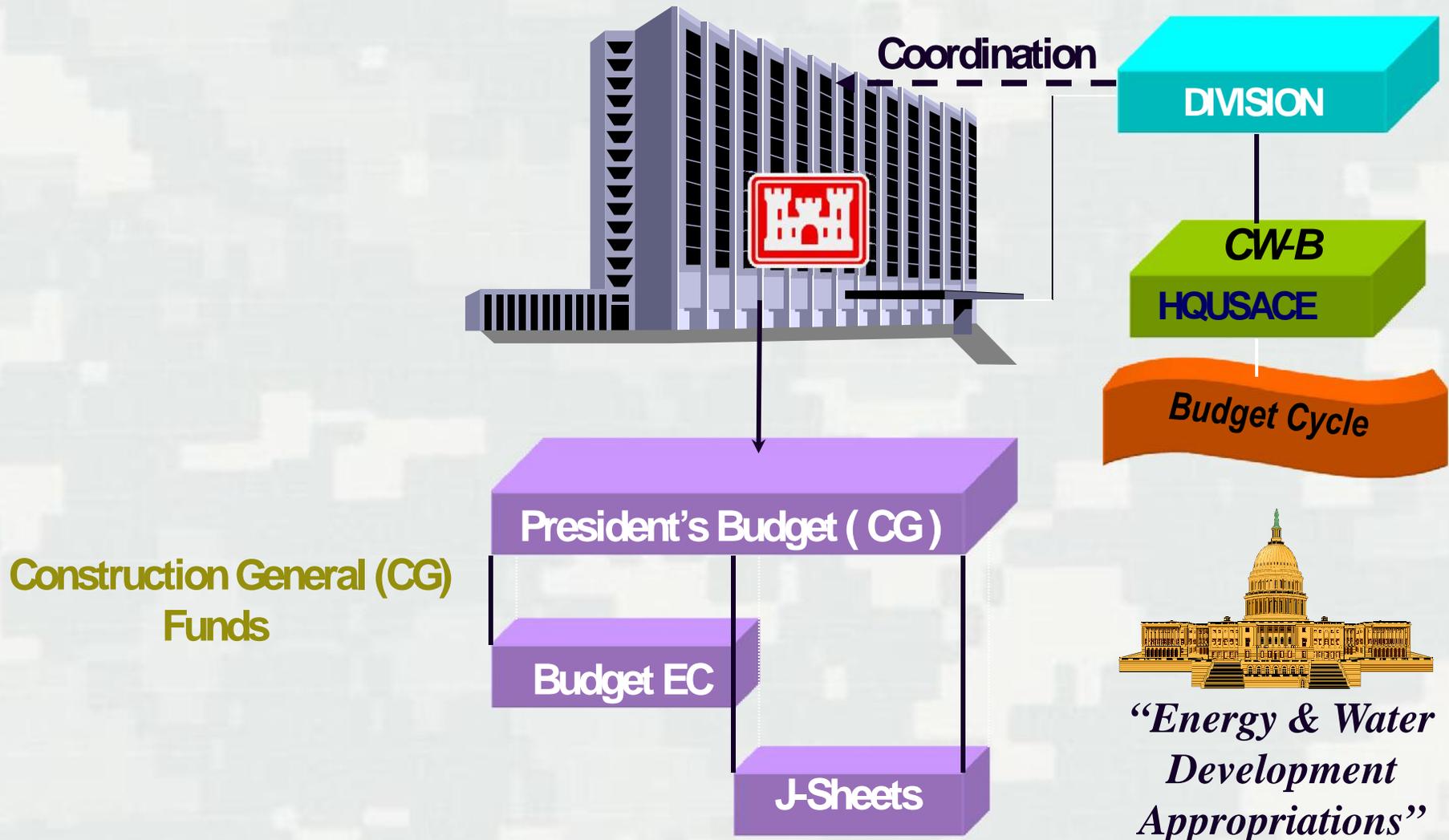
Deviations

Legal Certification

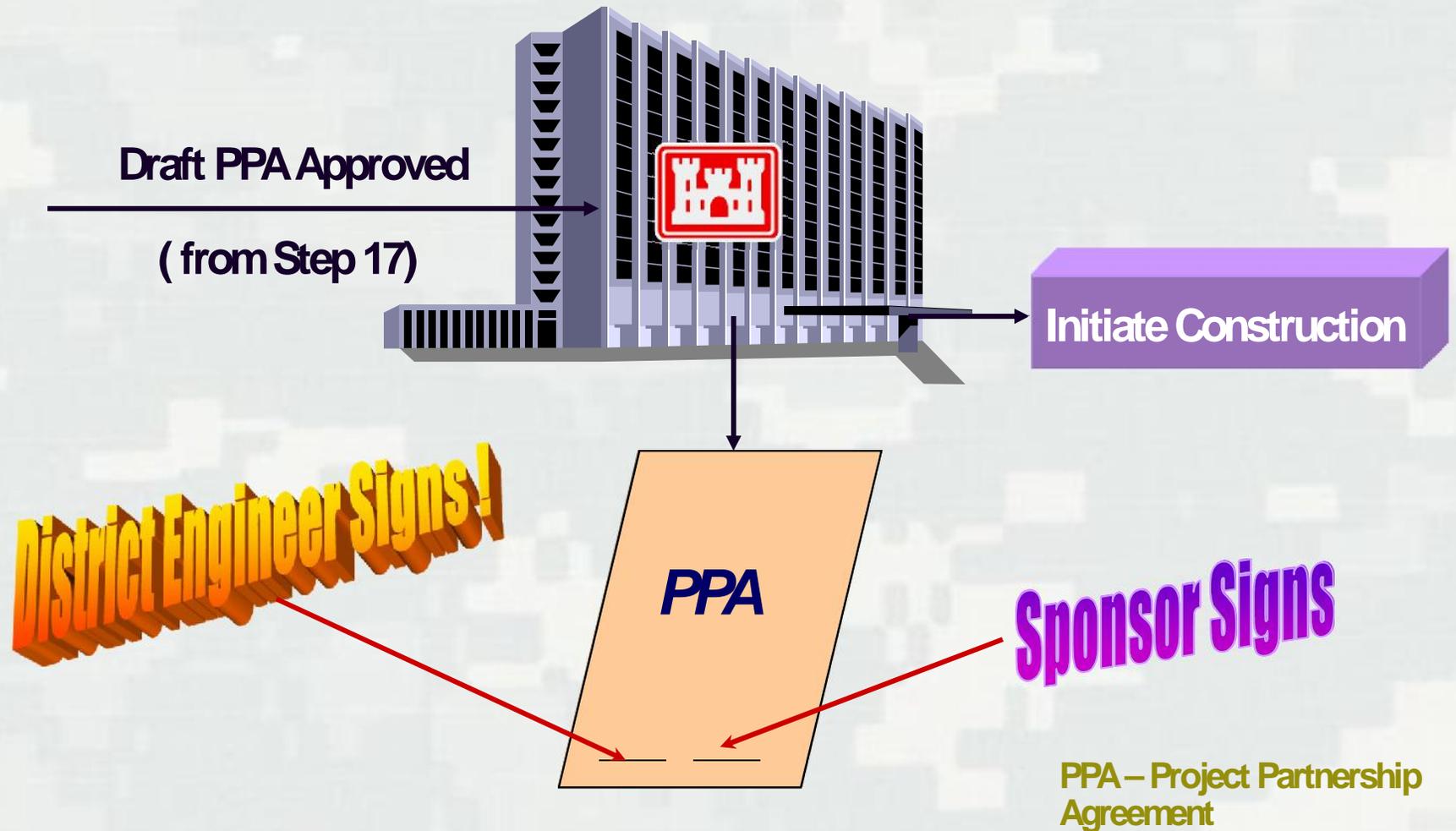
Financial Anal.

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

STEP 18 - Congress Appropriates Construction Funds



STEP 19 - Execute PPA



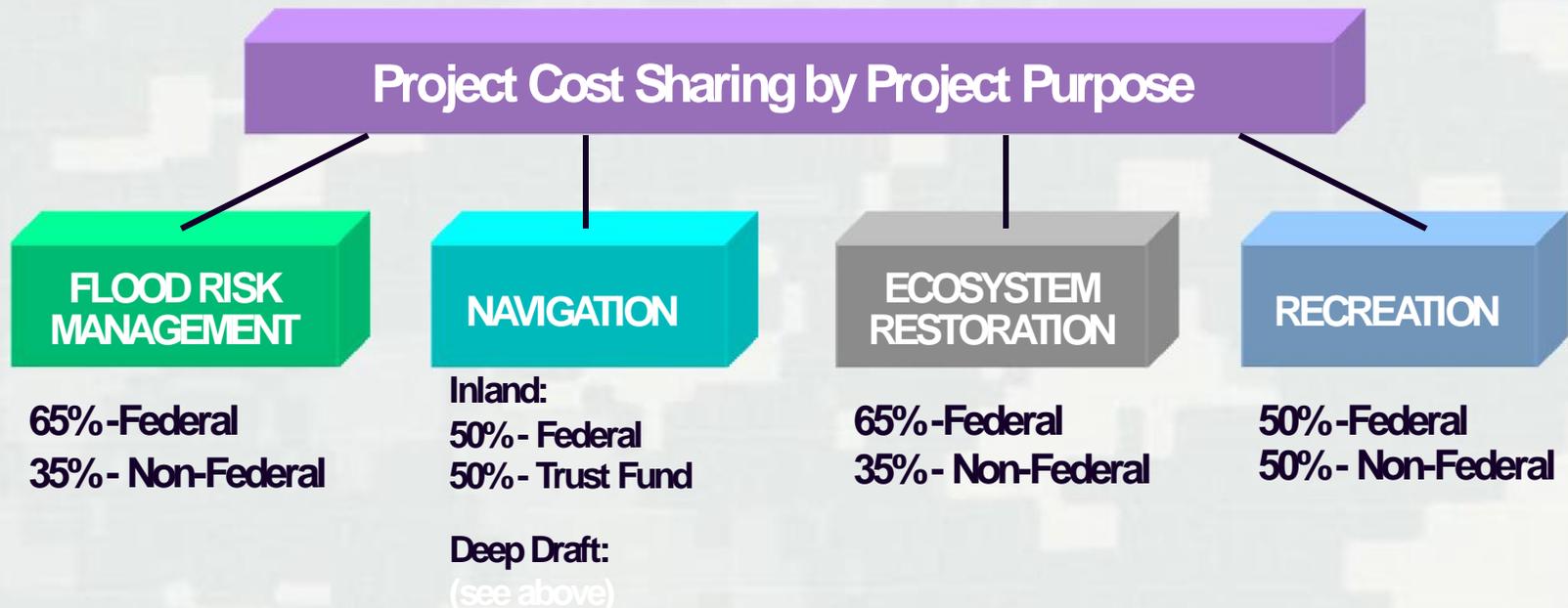
STEP 20 - Project Construction



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 LERRs



Economic Update Requirements

If budgeting for a new PED start, the approval date of the latest economic analysis must not precede the date of the MSC budget submission date by more than 3 years.

If PED is continuing, the date of approval of the latest economic analysis must not precede the MSC budget submission date by more than 5 years.

Economic Update Level

Level 1 – Reaffirmation

- Qualitative analysis affirms that all previous benefits are still valid

Level 2 – Benefit Update

- Some quantitative analysis is needed for benefits, but no major changes

Level 3 – Economic Reevaluation

- Conditions, Economics and Engineering have changed so significantly that full reanalysis is warranted

Level 4 – General Reevaluation

- Scope is beyond an economic update (new Plan Formulation)

Other Methods for Conducting PED

**Work in Kind under Section 221 of the
Flood Control Act of 1970**

Contributed Funds/Advanced Funds

Section 408 Submittal under 33 USC 408