

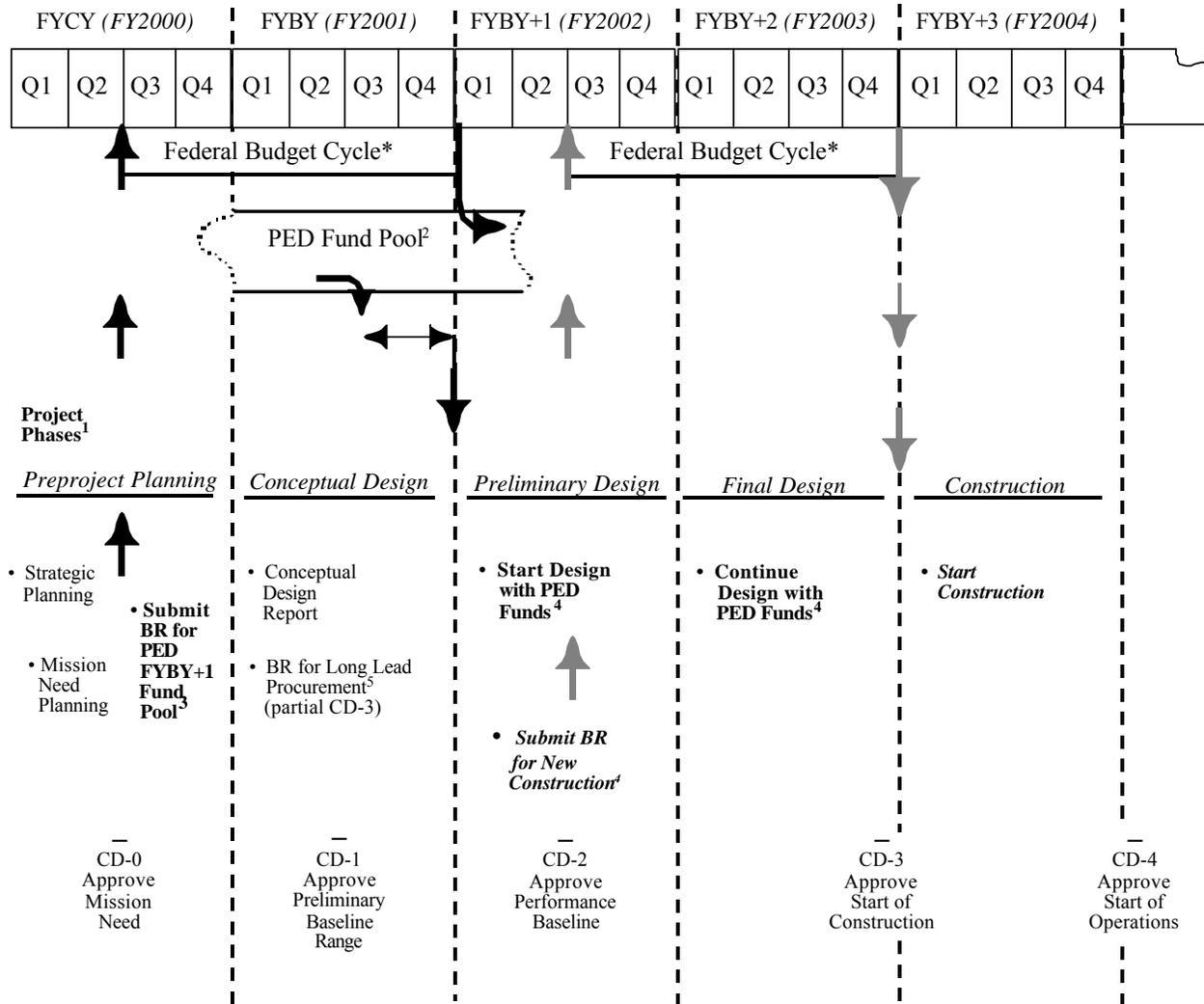
PROJECT ACQUISITION PROCESS AND CRITICAL DECISIONS						
Project Planning Phase		Project Execution Phase				Mission
Preconceptual Planning	Conceptual Design	Preliminary Design	Final Design	Construction	Operations	
i CD-0	i CD-1	i CD-2	i CD-3	i CD-4		
Approve Mission Need	Approve Preliminary Baseline Range	Approve Performance Baseline	Approve Start of Construction	Approve Start of Operations or Project Closeout		

See Page 2 for CDs on Environmental Restoration and Facility Disposition Projects

CD-0	CD-1	CD-2	CD-3	CD-4
Actions Authorized by Critical Decision Approval				
<ul style="list-style-type: none"> Proceed with conceptual design using program funds Request PED funding 	<ul style="list-style-type: none"> Allow expenditure of PED funds for design 	<ul style="list-style-type: none"> Establish baseline budget for construction Continue design Request construction funding 	<ul style="list-style-type: none"> Approve expenditure of funds for construction 	<ul style="list-style-type: none"> Allow start of operations or project closeout
Critical Decision Prerequisites				
<ul style="list-style-type: none"> Justification of mission need document Acquisition Strategy Preconceptual planning Mission Need Independent Project Review 	<ul style="list-style-type: none"> Acquisition Plan Conceptual Design Report Preliminary Project Execution Plan and baseline range Project Data Sheet for design Verification of mission need Preliminary Hazard Analysis Report 	<ul style="list-style-type: none"> Preliminary design Review of contractor project management system Final Project Execution Plan and performance baseline Independent cost estimate National Environmental Policy Act documentation Project Data Sheet for construction Draft Preliminary Safety Analysis Report Performance Baseline External Independent Review 	<ul style="list-style-type: none"> Update Project Execution Plan and performance baseline Final design and procurement packages (**) Verification of mission need Budget and congressional authorization and appropriation enacted Approval of Safety documentation Execution Readiness Independent Review 	<ul style="list-style-type: none"> Operational Readiness Review and acceptance report Project transition to operations report Final Safety Analysis Report <hr/> <p style="text-align: center;">After CD-4</p> <p style="text-align: center;"><u>Closeout</u></p> <ul style="list-style-type: none"> Project closeout report

(**) To the degree appropriate to initiate construction as scheduled.

TYPICAL PROJECT PHASES CORRELATE WITH THE FEDERAL BUDGET PROCESS



1. The chart is a guide to show how the project phases might typically fit into the annual budget cycle. Actual projects will have different time frames and should be mapped against the budget cycle accordingly.
2. The PED Fund Pool is a rolling funding source for capital design that Congress appropriates money to each year.
3. PSOs perform strategic planning to build an FYBY+1 Priority Project List. The BR for PED funds for these projects is based on parametric comparisons and historical project data. In the next fiscal year, the Budget Year becomes the Current Year and the planning process starts again for the new FYBY+1 project.
4. PSOs may authorize PED funds any time after CD-1 approval. This provides a window of opportunity to complete preliminary design earlier so the BR for new construction can be submitted in time for the next fiscal budget cycle.
5. If long lead procurement (LLP) is required, a BR for LLP funding should be approved as a partial CD-3 during the conceptual design phase and submitted into the budget cycle to ensure timely receipt of LLP funds.

PED - Project and Engineering Design
BR - Budget Request
CD - Critical Decision

