



USACE NAVIGATION PROJECT OVERVIEW

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Presentation Objectives

- Understand the lifecycle of a USACE navigation Operations and Maintenance (O&M) project
- Review standard timelines and milestones
- Identify where Ports/Harbors can meaningfully assist



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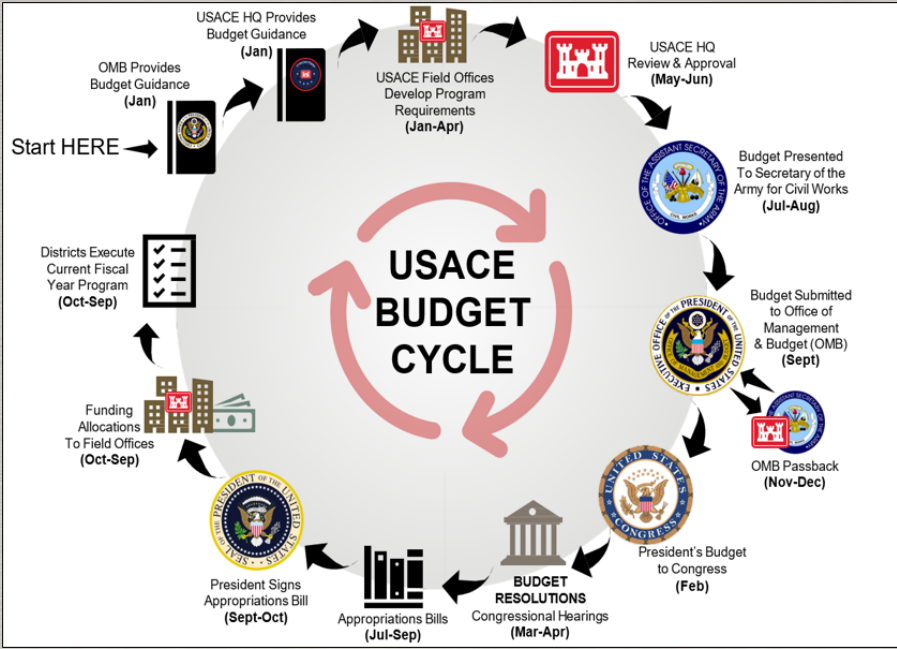


Budgeting and Funding

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|-----|-----|-----|-----------------|-----|-----|-----|-----|-----|-----|-----|----------------|-----|-----|-----|-----|-----|-----|-----|----------------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|--|--|
| FY25 | | | | | | | | | | | | FY26 | | | | | | | | | | | | FY27 | | | | | | | | | | | | | | | |
| OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | | | | |
| Executing FY25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dev FY26 | | | | Defending FY26 | | | | | | | | Executing FY26 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Developing FY27 | | | | | | | | Defending FY27 | | | | | | | | Executing FY27 | | | | | | | | | | | | | | | | | | | |

Annual appropriations process

- 1. **President's budget request (FEB):** The President submits a budget proposal for the upcoming fiscal year that includes funding requests for federal agencies, including USACE.
- 2. **Congressional hearings and approval:** Congressional committees hold hearings to discuss the budget requests with USACE and Army leadership. Congress then develops and passes appropriations bills, which are ultimately signed into law by the President (**By OCT or CRA and Budget Bill signed into law later between OCT-MAY**).
- 3. **USACE work plan:** Once the annual appropriations bill is passed, USACE headquarters develops and releases a work plan. This plan details which projects, programs, and activities will receive funding for that fiscal year based on the congressional directives. (**60 Days after approval of Budget Bill**)





O&M Dredging Project Phases

Phases:

1. Project Scope Development & Sampling
2. Environmental Assessment
3. Plans & Specifications
4. Contracting
5. Construction



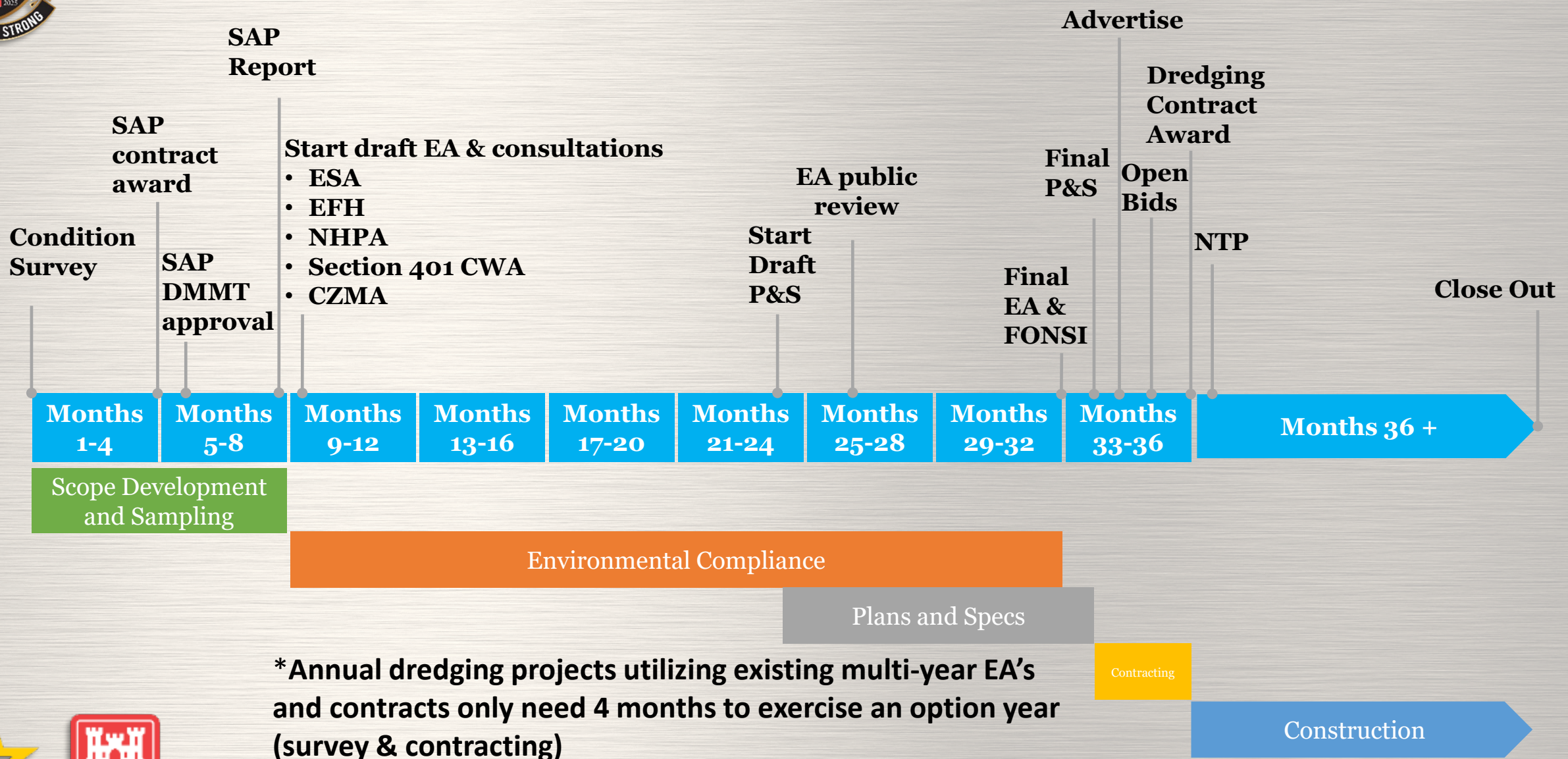
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General O&M Dredging Phases



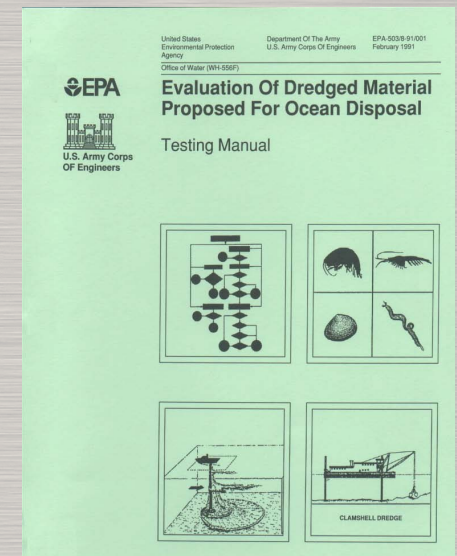
***Annual dredging projects utilizing existing multi-year EA's and contracts only need 4 months to exercise an option year (survey & contracting)**



Scope Development & Sampling

| Task | Duration | Notes |
|---|-----------------|--|
| Hydrographic condition survey | 2-4 weeks | Determines need to dredge & dredge volumes |
| Award sampling contract | 3 months | Utilize IDIQ (indefinite delivery indefinite quantity) |
| Obtain Sampling Analysis Plan (SAP) approval from Southern California – Dredge Material Management Team (SC-DMMT) | 1 month | |
| Sediment lab testing | 2 months | Assuming Tier I – III testing |
| Present SAP Report to SC-DMMT | 1 month | Obtain sediment placement suitability concurrence and finalize scope |
| total | 8 months | |

- Testing tiers:
 - Tier I: existing data, grain size
 - Tier II: chemistry
 - Tier III: toxicity and bioaccumulation bioassays
 - Tier IV: chronic, steady-state toxicity and bioaccumulation
- Non-federal sponsor roles
 - Identify placement area for beneficial-use
 - Provide relevant existing sampling analysis for placement area





Environmental Assessment (EA)

| Compliance Action | Statutory | Duration | Notes |
|--|--------------|-----------------------|------------|
| Prepare Draft EA | | 3 months | |
| Legal Review of Draft EA for Public Review | | 3 months | |
| ○ Section 7 Endangered Species Act (ESA) | 60 - 90 days | 6 – 12 months | concurrent |
| ○ Magnuson-Stevens Essential Fish Habitat (EFH) | 60 - 90 days | 3 months | concurrent |
| ○ Section 106 National Historic Preservation Act (NHPA) | 30 days | 2 – 3 months | concurrent |
| ○ Section 401 Clean Water Act (CWA) | 60 days | 6 – 12 months | concurrent |
| ○ Section 404(b)(1) CWA evaluation | | 1 month | concurrent |
| ○ Coastal Zone Management Act (CZMA) Consistency Determination | 60 days | 2 – 4 months | concurrent |
| Finalize EA | | 3 months | |
| Legal Review of Final EA / Finding of No Significant Impact (FONSI) | | 3 months | |
| total | | 18 - 24 months | |

- Statutory limits: how long an agency is allowed to respond by regulation.
- Could utilize multi-year EA's to cover multiple years of annual dredging
- Duration includes prep time for request documents and actual response times.
- Non-federal sponsor roles
 - Augment USACE coordination with resource agencies by encouraging prompt resolution of consultations/permitting



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Plans & Specifications (P&S)

| Task | Duration | Notes |
|---|-----------------|----------------------------------|
| Draft P&S | 3 months | incorporated environmental specs |
| District Quality Control (DQC) Review of P&S | 1 month | peer review |
| Biddability, Constructability, Operability, Environmental, and Sustainability (BCOES) Review of P&S | 1 month | supervisory reviews |
| total | 5 months | |

- Non-federal sponsor roles
 - Collaborate on site access, staging areas,
 - Provide Authorization for Entry (typically for land-based staging i.e. beach placement)
 - Provide maps/contracts for utilities





Contracting

| Task | Duration | Note |
|--------------------------|-----------------|----------------------------------|
| Prepare Solicitation | 2 – 4 weeks | Finalize specification language |
| Office of Counsel Review | 2 – 4 weeks | Obtain counsel review of package |
| Advertise & open bids | 1 month | |
| Contract Award | 1 month | |
| total | 3 months | |

- Non-federal sponsor roles
 - facilitate access for contractors' site visit prior to submitting bids



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Construction

| Task | Duration | Notes |
|--------------------------|-----------|---|
| Notice-to-Proceed (NTP) | 2 weeks | USACE processes contractor submittals which include: <ul style="list-style-type: none">○ Construction schedule○ Accident prevention plan○ Environmental protection plan |
| Pre-construction meeting | 1 day | Stakeholder introductions, clarify responsibilities, review key contract requirements, coordination |
| Construction | As needed | <ul style="list-style-type: none">○ 1-2 weeks of mobilization○ Pre-dredge and post-dredge surveys○ Progress meetings○ 1-2 weeks of de-mobilization |
| Project Closeout | 4 weeks | Issue final payment, review lessons learned |

- Non-federal sponsor roles
 - Provide meeting space for pre-construction and weekly progress meetings
 - Coordinate Port/Harbor operations
 - Facilitate contractor access with traffic, roads, staging areas, beach access
 - Public engagement



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Key Takeaways

| Phases | Duration | Notes |
|--------------------------------|---------------------------------|-------|
| Scope Development and Sampling | 8 months | |
| Environmental Assessment | 18 - 24 months | |
| Plans & Specifications | 1 month (+ 4 months concurrent) | |
| Contracting | 3 months | |
| Construction | As Needed | |
| total | 30 - 36 months + construction | |

- Early sponsor engagement is crucial for project success
- Project timelines vary on a case-by-case basis
 - Multi-year contracts with base year + option years
 - Multi-year EA's and SAPR



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