

# CMANC Winter Conference

## Construction's Role In Project Delivery

John A. Keever P.E.  
Chief Construction Division  
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US Army Corps of Engineers  
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# Navigation

420 miles of shoreline

14 Harbors







# CMANC

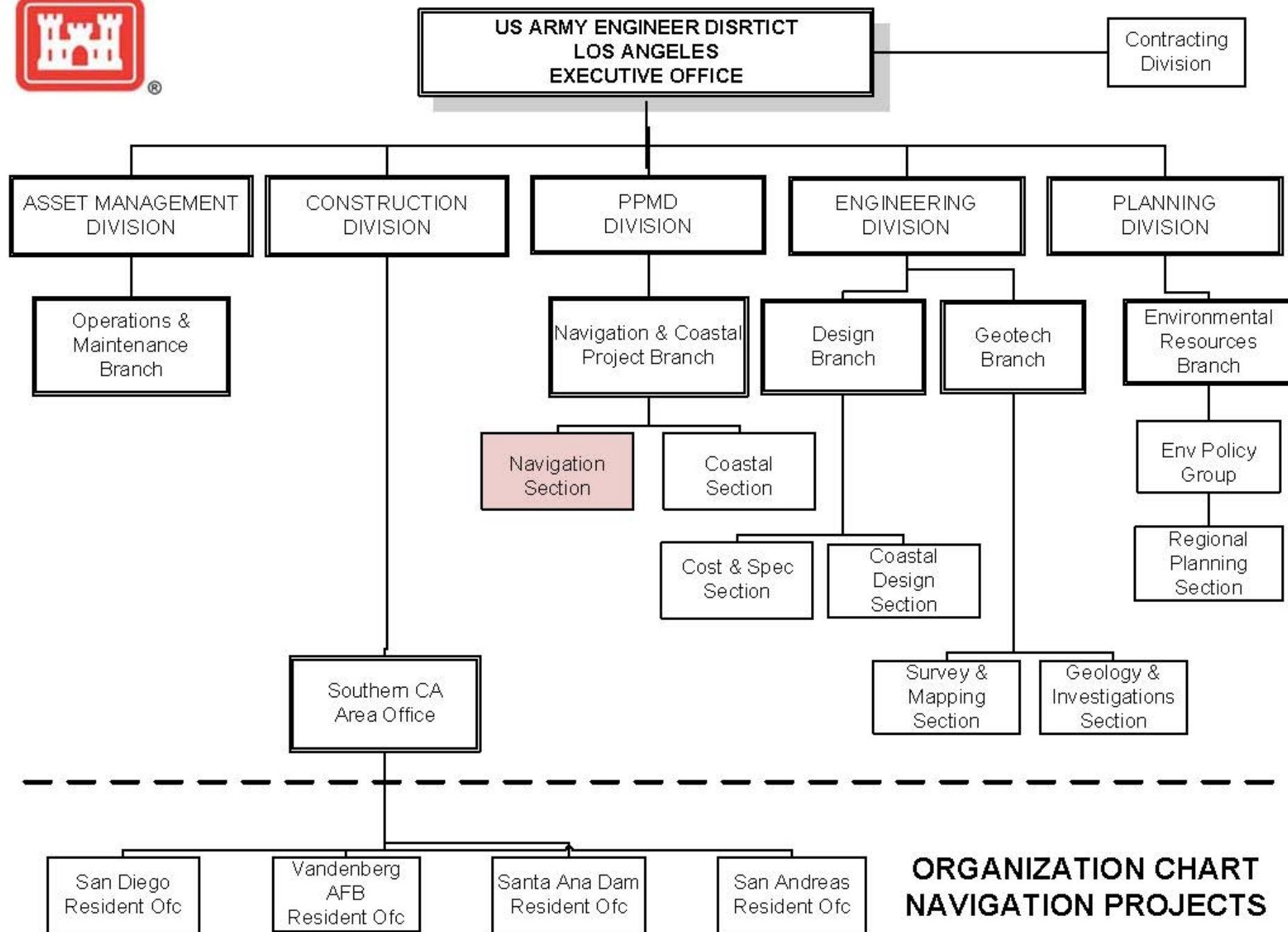
- **The Project Delivery Team**
- **What do we do in Construction?**
- **We are Executors**





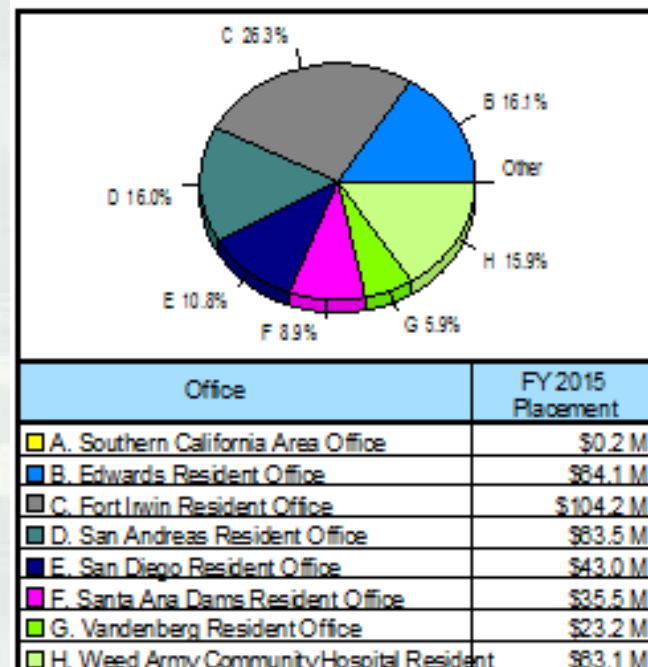
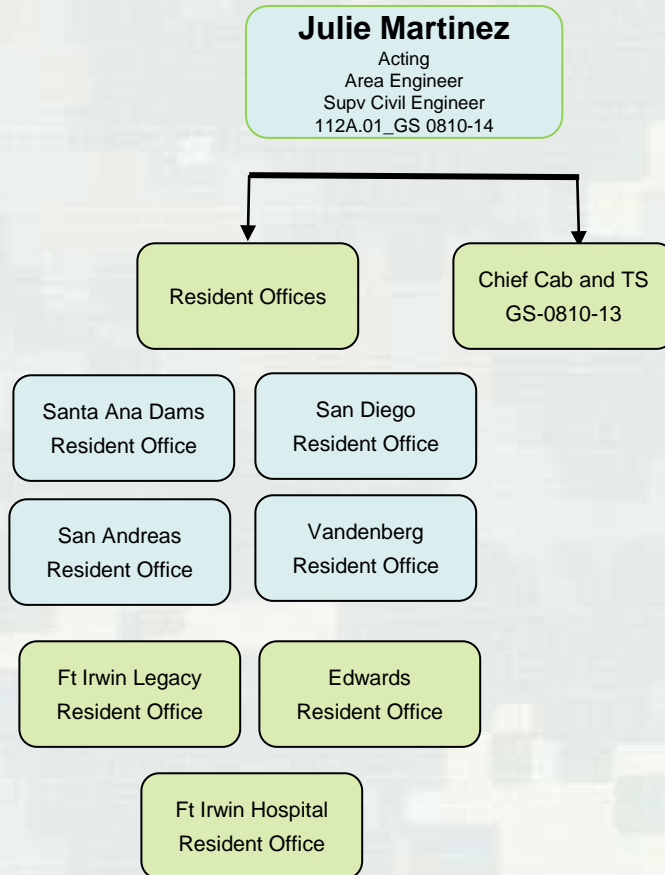


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**ORGANIZATION CHART  
NAVIGATION PROJECTS**

# Southern California Area Office







# What does Construction Division Do?

## ■ Pre Construction Contract Award

Biddability, Constructability, Operability, Environmental, Sustainability Reviews – reviewing Plans and Specs

If it is an Request for Proposal vs Invitation for Bids we will typically sit on the source selection board

Once a potential contractor is identified we do a quick check on the proposed cost to see if it is reasonable

We provide access to prospective bidders for site walk visits

## ■ Post Construction Contract Award

Pre Construction Conference usually invite the Stakeholders to participate

Safety conference usually have certain selected stakeholders present

Schedule review

Quality Control, Safety Plan, Environmental plans review to assure compliance with the contract requirements

Quality Assurance – we have Construction Representatives (inspectors) to review on going construction for compliance with the contract requirements and review of contractor's CQC system.







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# What does Construction Division Do?

## ■ Post Construction Contract Award Continued

Contract Administration after Notice To Proceed

Area / Resident Engineer Serves as the Administrative Contracting Officer (ACO) with authority of \$500,000 for modifications to the contract

Responsible for staffing the project and providing additional support as necessary to execute the project.

Project Engineers Serves as the Contracting Officers Representative (COR) to make Technical Interpretations but not Obligate money.

Approves and prepares progress payments, submittals, correspondence to the contractor. Works with both Project Managers and Engineering Division on contract clarifications and changes that might be required. Prepares estimates of construction cost and review contractor's modification proposals as well as negotiates and recommends approval to the ACO or Contracting Officer.

Construction Representative / Quality Assurance Representative /

Inspector typically is on the project site to review contractor operations and assure that they are in compliance with the contract. Reviews Progress payments, identifies deficiencies, ....







# Challenges We face

- **Environmental**

  - Turbidity

  - UXO

  - Differing site conditions

  - Protected areas / environmental windows

  - Archaeological sites, (sunken vessels, underwater habitats etc.)

- **Safety**

  - Marine Construction is Dangerous and we all must be working together to reduce accidents

- **Quality (Dredging)**

  - Glory Holing

  - High Spots

- **Required Changes**

  - Schedule and cost impacts to the project



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# We are Executors

- The typical interface to the stakeholders are through our Project Managers.
- Your technical staff probably know our Engineering organization.
- Once the contract is awarded you may have a project manager that has some familiarity with our construction personnel.
- During construction we do coordinate with many of the stakeholders associated with the project.
- We do Quality Assurance, the Contractor does Quality Control
- Communications is key to the success of any project.







# Questions



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