Project Navigation 2025 Prototype Implementation

Mission Need: A design, implementation, and analysis of a new 21st Century Aids to Navigation System (one that is heavily based on electronic navigation capabilities and less on physical aids) within two US ports / waterways.

**Project Objectives:**

- Conduct initial business case for a spatial waterways design capability per System Development Life Cycle (SDLC) process.
- Analyze alternatives for modernized Western Rivers waterway designs.
- Prepare for Design Phase of Navigation 2025 – Prototype Implementation project.

**Sponsor:** CG-NAV-1

**Stakeholder(s):** DOT (VOLPE), ACOE

**Key Milestone / Deliverable Schedule:**

- **Project Start** .......................... 26 Jul 12 ✓
- Conduct Initial Business Case .................. May 13
- **Nav 2025 - Initial Business Case for a Waterways Design and Spatial Analysis Capability** ............. Jun 13
- Analyze Alternatives for Western Rivers ............... Jul 13
- **Nav 2025 – Analysis of Alternatives for Waterway Designs on the Western Rivers** ................ Aug 13
- Project End ........................................... Sep 13

**Expected Benefit:**

Improve operational performance/efficiency/mission execution/resiliency

**Notes:**

Support of Nav 2025 is anticipated to last 5 or more years. Projects will be executed as a joint collaboration with USACE.