

# Navigation and Ecosystem Sustainability Program

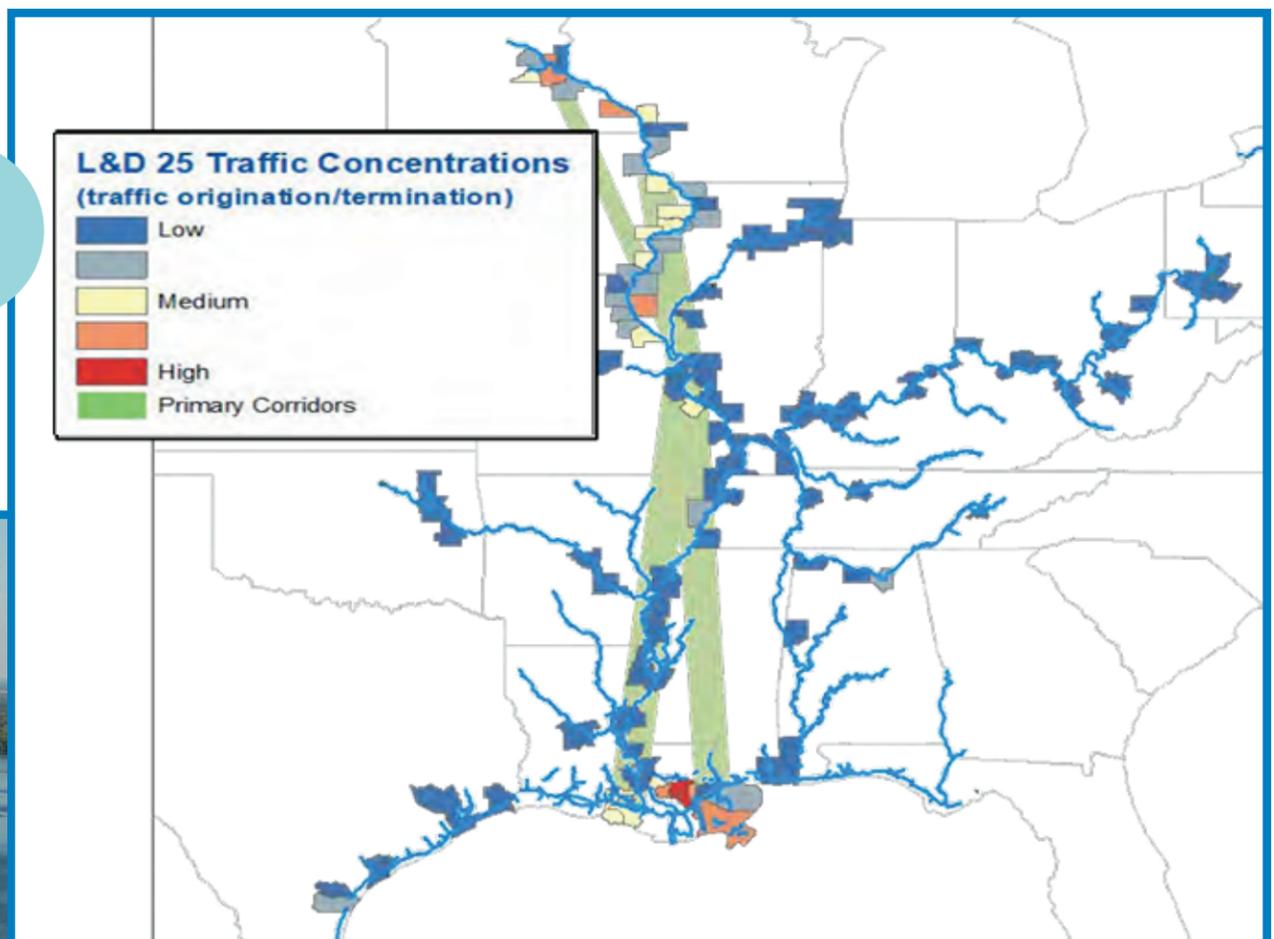
## FY 2027 Appropriation Request of \$350 Million

- Advance construction of a 1,200-foot chamber at L&D 25
- Construct, design, and plan projects that improve ecological integrity

An **appropriation of \$250 million for L&D 25 construction** in FY 2027 will allow engineers to:

- Award lock chamber construction contract in 2027
- Maintain construction schedule
- Realize efficiencies with timely funding and potentially reducing contingency

L&D 25 is an important connector to U.S. transportation routes and international trade



### Results of previous investments in L&D 25

- L&D 25 construction is on schedule
- USACE is constructing bulkheads and a downstream cell
- Lock foundation and site preparation is scheduled for contract award in FY 2026
- Lock chamber design will be complete in FY 2026
- Lock acquisition plan and source selection plan is final
- Navigation industry is frequently consulted

### The new 1,200 lock chamber will result in more efficient and reliable navigation

The new lock, constructed alongside the existing 600-foot lock will enable the standard 1,200-foot tow to pass without separating its barges, **reducing passage time by 50 percent to 70 percent and reducing safety risks.**

The second lock will allow for two-way traffic, **keeping navigation moving** during maintenance and repair work.

# Navigation and Ecosystem Sustainability Program

## FY 2027 Appropriation Request of \$350 Million

- Advance construction of a 1,200-foot chamber at L&D 25
- **Construct, design, and plan projects that improve ecological integrity**

### An appropriation of \$100 million for ecological projects in FY 2027 will allow for:

**Crosby Farm (MN-4):** Construct floodplain habitat for migratory birds and native fish using shoreline resloping, dredging, and forest enhancement

**Wacouta Bay (WI-3, MN-1):** Improve aquatic habitat, restore floodplain forests, protect shorelines

**Schmokers Lake and Floodplain Forest (WI-3, MN-1):** Return bathymetric and vegetation diversity to accommodate a range of inundation periods

**L&D Sturgeon Spawning Reef (WI-3, MN-1):** Create spawning habitat reefs to recover migrating populations of sturgeon and other large riverine fish currently blocked by dams

**Johnson Island (WI-3, MN-1):** Improve conditions for fish and wildlife

**Sny Magill - Effigy Mounds (IA-2, WI-3):** Reduce damages to shoreline at Effigy Mounds Nat'l Monument, protecting integrity of Native American burial and ceremonial mounds

**Goetz Lake (IA-2, WI-3):** Restore backwater geomorphology and minimize excess sedimentation to enhance local timber stands and over-wintering fish populations

**Lee County Islands and Backwaters (IA-1, IL-15):** Enhance diversity and abundance of aquatic vegetation, improve wildlife habitat

**Fabius Chute (MO-6, IL-15):** Restore water flow and depth diversity and habitat structure in a backwater side channel

**Denmark and Drift Islands (MO-6, IL-15):** Restore flow diversity, connectivity, and substrate diversity to improve forest resilience

**Tisdell Towhead Island (MO-6, IL-15):** Restore island and aquatic habitat that provides more natural flow for native fish and mussels

**Willow Bar Island (MO-6, IL-15):** Modify sediment deposition processes to naturally build islands

**Lower Pool 25 Island Building (MO-6, IL-15):** Restore island composition and alter adjacent dike to expand terrestrial and aquatic habitat

**Stone Dike Alteration (IL-12, MO-8):** Improve aquatic habitat for riverine fishes by adjusting hydraulic conditions and geomorphological features

**MMR Nat'l Wildlife Refuge, Horse Island (IL-12, MO-8):** Increase forest species richness by restoring topographic diversity and promoting native understory plant habitats

**Middle Mississippi River Stone Dike Alteration (IL-12, MO-8):** Improve aquatic habitat for riverine fishes

**Stone Dike Alteration (IL-12, MO-8):** Improve aquatic habitat for riverine fishes by adjusting hydraulic conditions and geomorphological features

**Pierce County Islands (WI-3, MN-1):** Construct habitat for migratory birds and restore bathymetric and vegetation diversity to backwater lakes

**Mertes Slough (WI-3, MN-1):** Reduce algal blooms by reestablishing hydraulic connections to the floodplain and lentic backwaters

**La Crosse Marsh (WI-3, MN-1):** Enhance marsh hydrology and water quality through restoring flow connections and limiting inundation time

**Sabula Lakes Island Complex (IA-1, IL-17):** Improve water quality and structural diversity to ensure adequate habitat for aquatic and terrestrial organisms

**Andalusia Island Complex (IL-17, IA-1):** Restore and protect habitat in the floodplain forests and side channel aquatic areas

**Rice Lake (IL-17):** Restore bathymetric diversity to a backwater lake, lateral connectivity in aquatic areas, and a large island complex

**Liverpool Side Channel (IL-15):** Create flowing side channel habitat to provide habitat and management benefits

**Clarksville/Carroll Island Side Channel Restoration (IL-15, MO-6):** Restore side channel connectivity and flow to benefit native riverine fish and wildlife

**Hausgen Island (MO-6, IL-15):** Improve side channel hydrology, enhance habitat for fish, wildlife, and native mussels

**Island Building (IL-12, MO-8):** Reestablish terrestrial connectivity and flow patterns among an island complex of sandbars