

# Dual Conveyance with ICF–East

- **ICF-East**
  - 5 Intakes at Sacramento River
  - 5 Pump Stations
  - 49 Miles of Canals
  - 4 Short Tunnels (2 miles total length)
  - 7 Siphons
  - 580 Acres Forebay
- **Through Delta Conveyance**
  - 1 Intakes at Sacramento River with Pump Station
  - 26 Miles of Setback Levees and Levee Improvements
  - 4 Operable Barriers
  - Victoria Canal Modification
  - Fish Salvage Facility



# Intake Technology & Siting

## Starting Point:

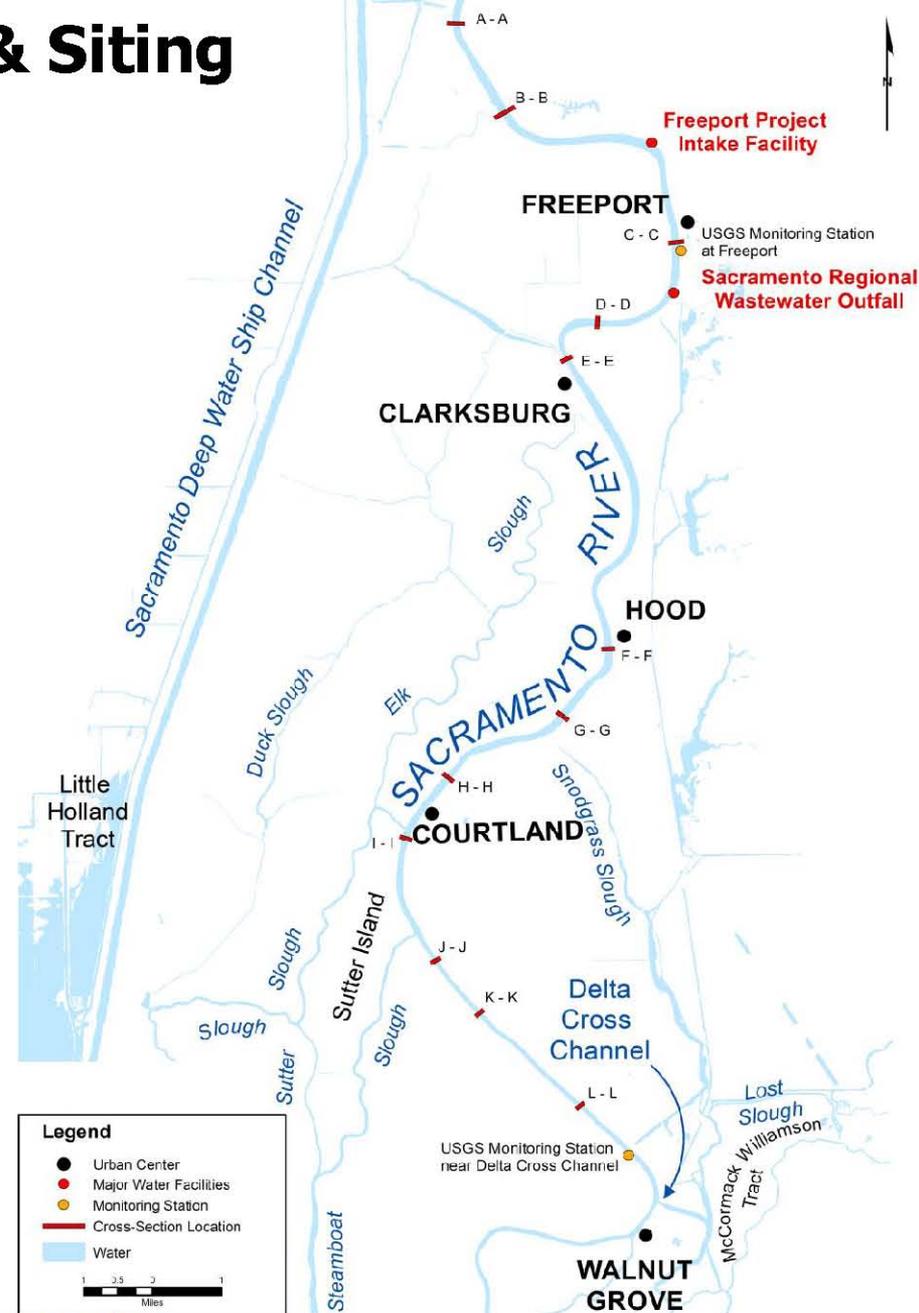
- **BDCP FFTT Recommendations**

## DHCCP Work To Date:

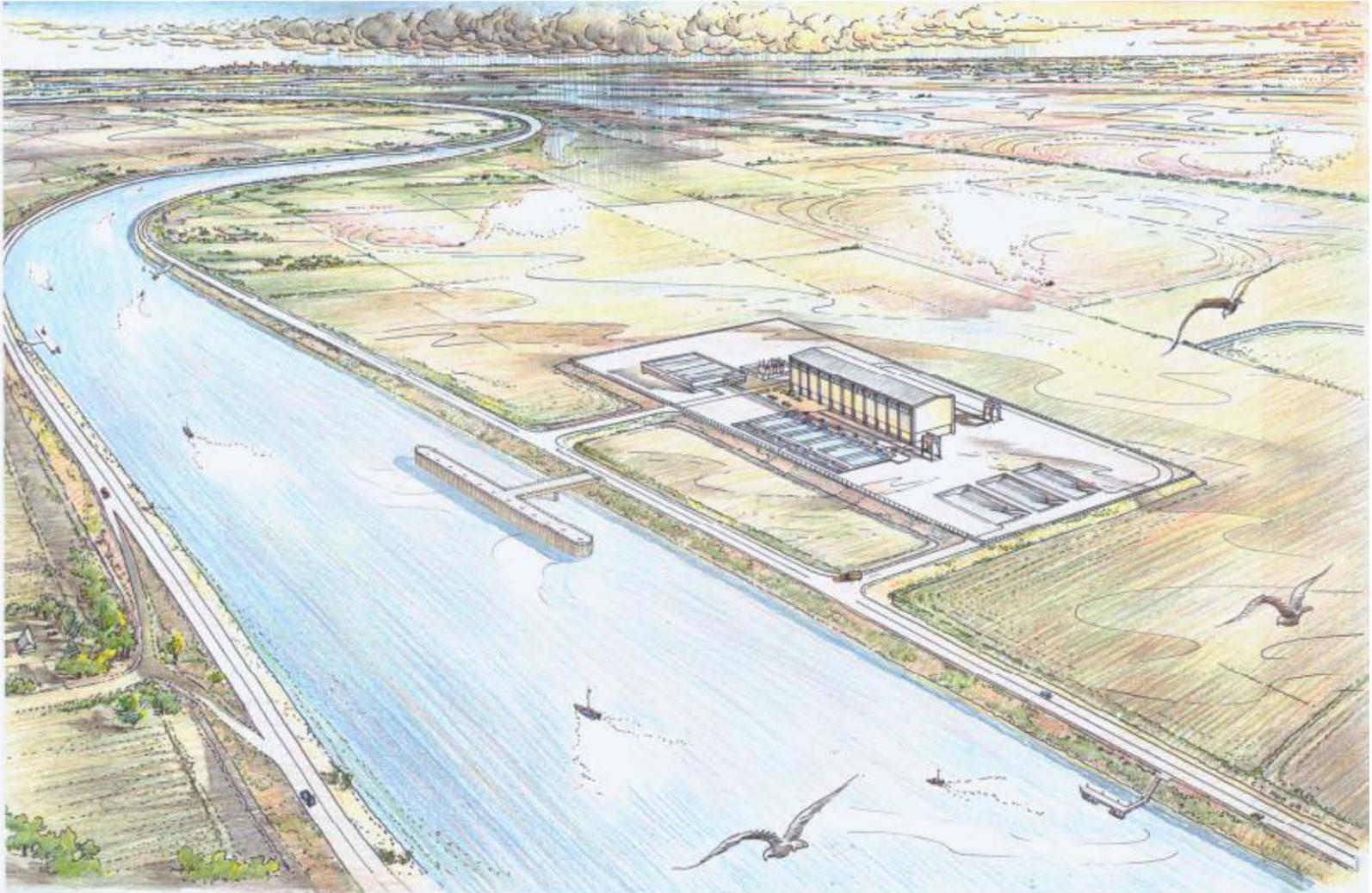
- **Value Planning Study (mid-Oct)**
- **Initial Evaluation Screening of potential sites & sizes (Dec 03)**
- **Initial Siting Evaluation (Jan 21)**
- **Intake Technology Selection Workshop (Jan 26, 27, 28)**
- **Detailed Screening of Value Planning Study Options with EIR/EIS team (Jan 30)**

## Next Steps:

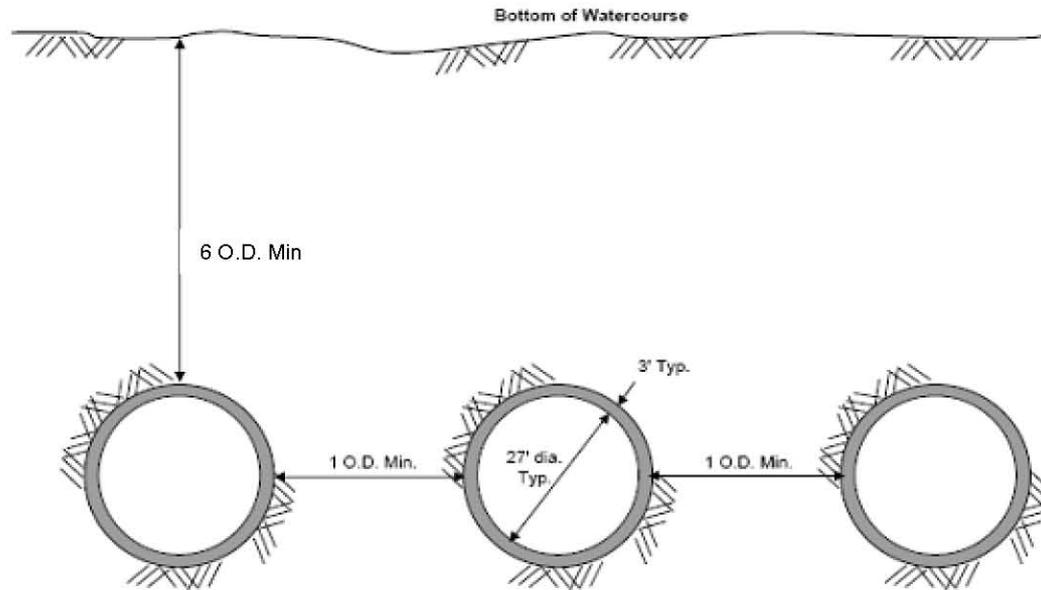
- **Evaluation of Existing Land Use Impacts – From Intake to Primary Conveyance**
- **Assess Impacts on Sac River Flood Stage**
- **Obtain Agency Input + Address Scoping Meeting Comments**
- **Recommend a scheme for EIR/EIS**



# In-River Intake

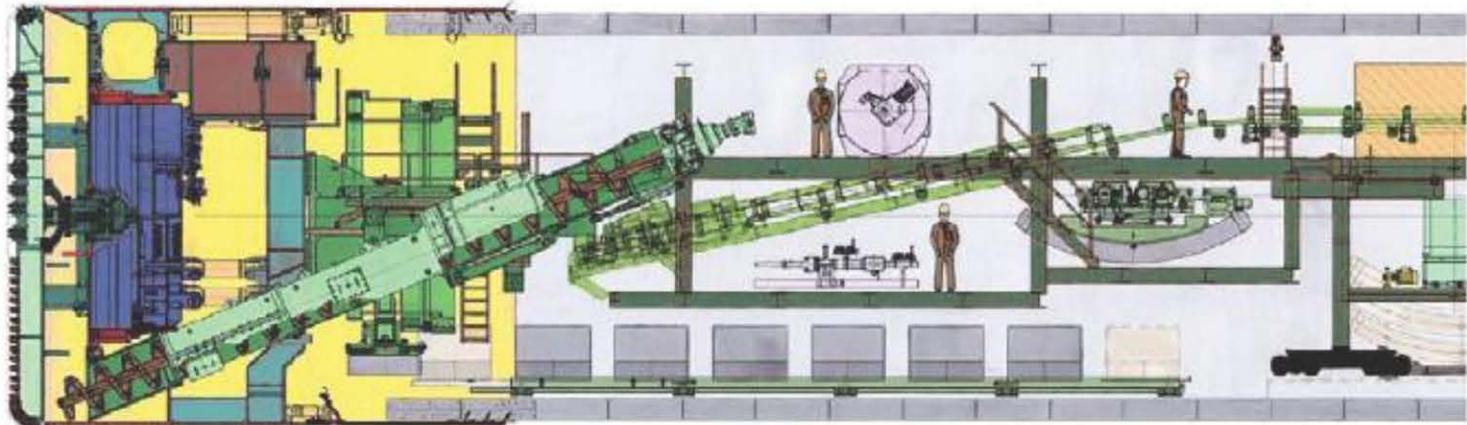


# Typical Tunnel Sections



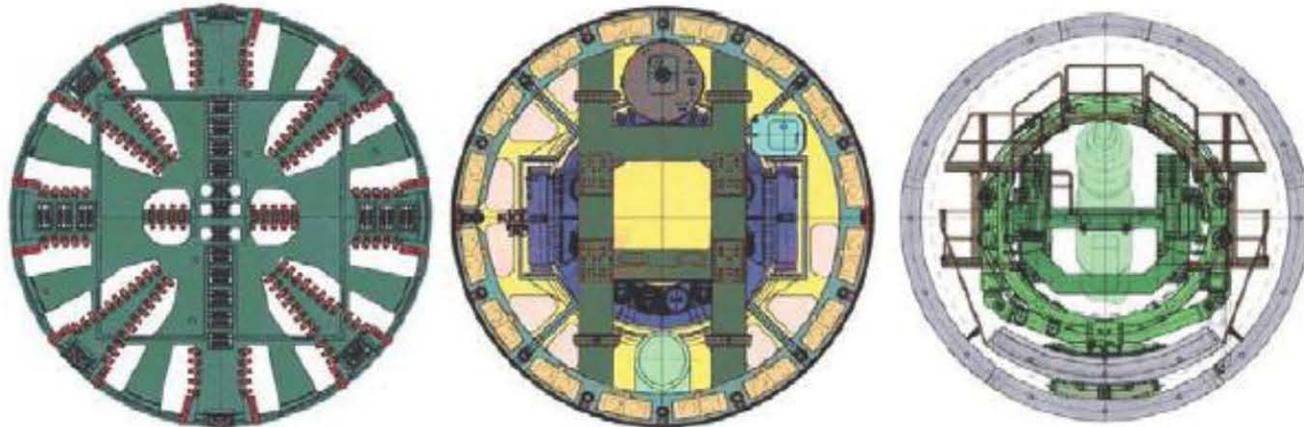
Typical Tunnel Section  
Not to Scale

# Tunnel Boring Machine

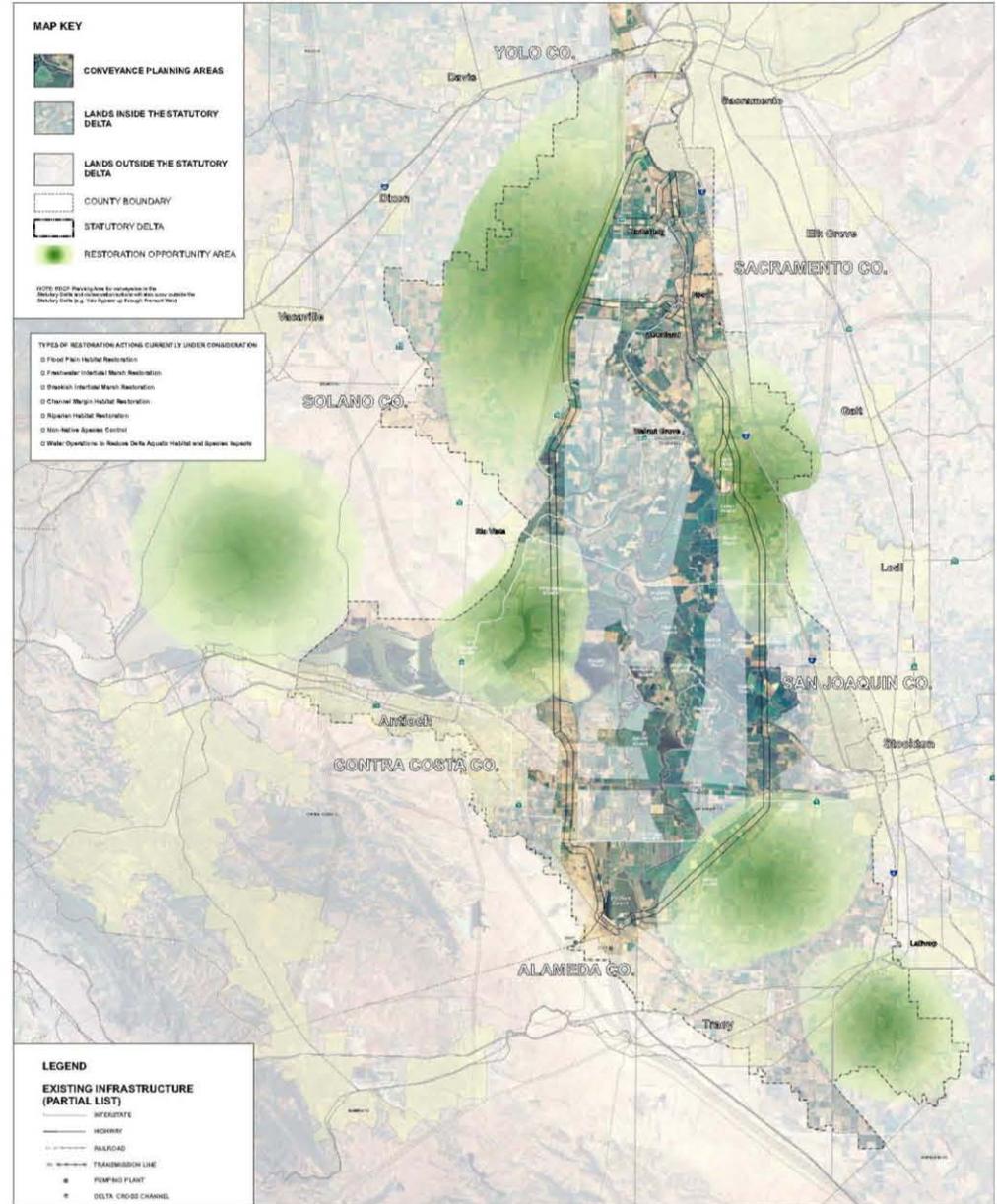


Shield length: 10m, rear part: 126m

Cutterhead



# Restoration Opportunity Areas



DEPARTMENT OF WATER RESOURCES (DHCCP)  
 UNITED STATES BUREAU OF RECLAMATION  
 UNITED STATES FISH AND WILDLIFE SERVICE  
 NOAA NATIONAL MARINE FISHERIES SERVICE

0 1.25 2.5 5 7.5 10 12.5 Miles

Scale: 1:500,000  
 North Arrow

