### Project Challenges
- Massive Voids detected beneath two critical flood control outlet structures
- Only other options included long downtime and interruption

### Solution
- Inject beneath structures to:
  - Fill Voids (up to 5’ deep)
  - Displace subsurface water
  - Densify supporting soils

### Support
- Quick responsiveness to design solution and mobilize
- Coordination between URS and USACE
- Continuous monitoring and updates

### Outcome
- **Minimal intrusion:** Work performed in 10 days without taking structure out of service
- **Quick Cure:** 90% strength in 15 minutes
- **Cost Savings:** 10% of replacement cost