

**S&N  
AIROFLO**



**The Source for Floating WWT Equipment  
Brush Rotors - Mixers - Polishing RBCs**

# ORBAL RETROFITS

# Replacement and RetroFitting of Orbal Oxidation Systems with



# FLOATING BRUSH ROTORS



# Orbal RetroFit with Bridge Anchoring System

*Franklin, NC*



**before**



**after**



- 200 HP Orbal system
- First rotor installed in 2005, with additional units purchased over the following 18 months
- Over next two years, added eight more units for a total of 135 HP
- Currently operating several units on DO probes, with one or two units rarely operating.

# Orbal RetroFit with Bridge Anchoring System

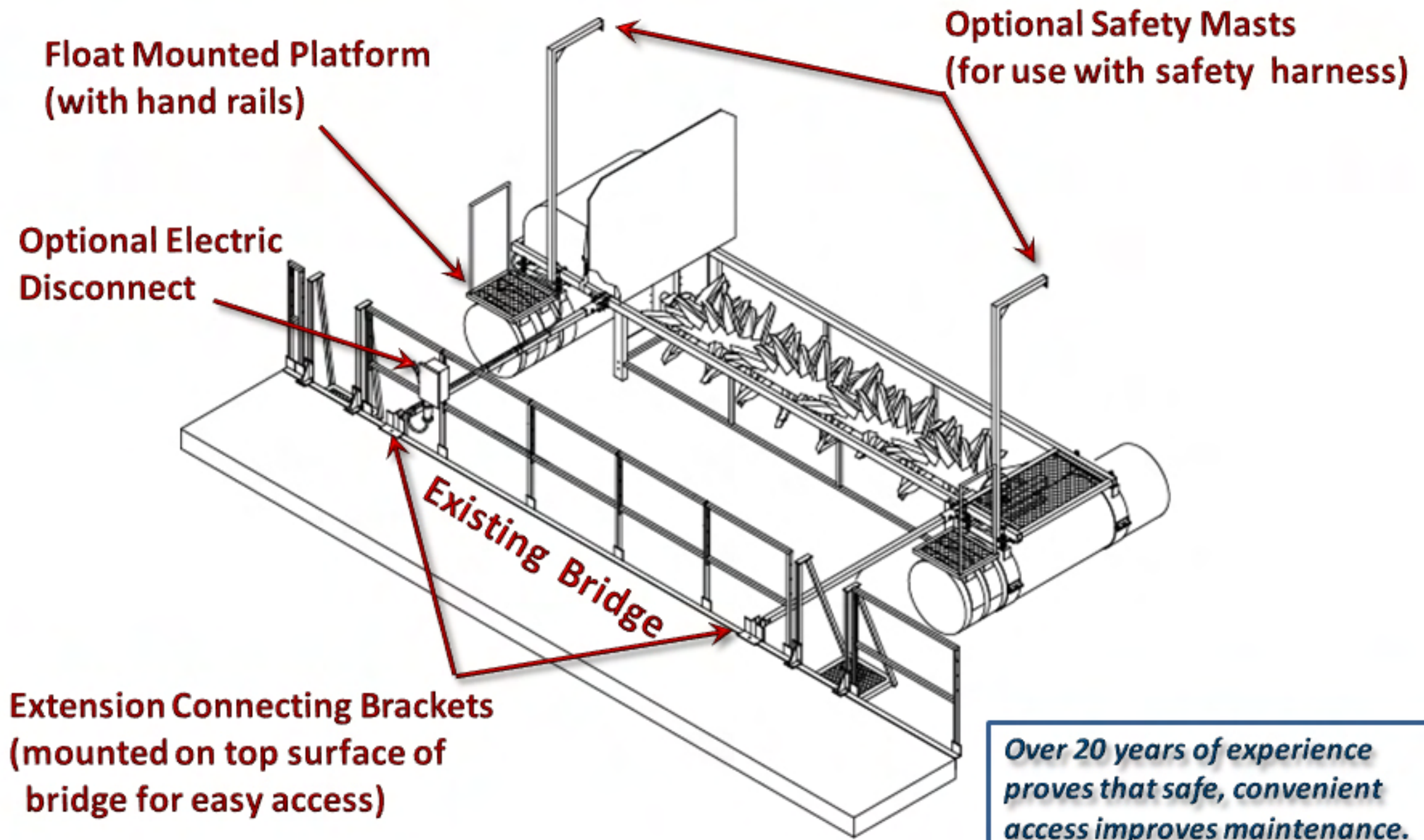


- The Extension Connecting Brackets were mounted to the top surface of the existing concrete bridge, enabling quick and easy access.
- Access to the floating brush rotors was made possible through the use of the existing bearing mounting piers.





# RetroFit with Bridge Anchoring System & EZ Access System



# Replacement of Orbal Rotors in Aerobic Digester

**Improved Mixing & Oxygen Levels  
With Less Energy**



*Fitzgerald, GA*



## **Power Savings**

- Existing 50 HP Orbal rotor system in the digester
- Replaced with two 15 HP rotors (one unit in 2000, another unit in 2002)