



Optimizing Energy's Infrastructure

Where we work:

- Wetlands
- Eco-systems
- Urban & suburban areas
- Small town & Farmland areas
- Preserved Wildlife Areas
- All Nearly Inaccessible locations
- Challenging Terrains & Sensitive areas
- Marshlands
- Facilities



Our Goal is ZERO injuries and incidents

DEAN EQUIPMENT LIST

AMPHIBIOUS EQUIPMENT

1. 39 AMPHIBIOUS EXCAVATORS INCLUDING LONG REACH AND SHORT REACH
2. 3 AMPHIBIOUS MANTIS CRANES. 1-50 TON AND 2-45 TON.
3. 4 LARGE LANDTRACK EXCAVATORS ON BARGES USED FOR MARINE WORK. 2-HYUNDAI 900, 1- CAT 390, 1-CAT 349

LAND EQUIPMENT

1. 10 LAND EXCAVATORS INCLUDING LONG REACH AND SHORT REACH
2. 5 LAND CRANES INCLUDING 2-110 TON, 1-85 TON, 1-100 TON 1-150 TON
3. 6 DOZERS INCLUDING CAT D6N AND CAT D5K.
4. 3 HYDRO-VAC UNITS POSITIONED IN MIDLAND, TX

PERSONNEL CARRIERS

1. 1-AMPHIBIOUS PERSONNEL CARRIER WITH 20' X 15' DECK FOR PERSONNEL AND EQUIPMENT MOBILIZATION.
2. 2-AMPHIBIOUS PERSONNEL CARRIER WITH 25' X 18' DECK FOR PERSONNEL AND EQUIPMENT MOBILIZATION.

DEAN MARINE FLEET

- 1 TUGBOAT (800 HP)
- 10 DECK/WORK BOATS
- 13 AIRBOATS 16-18'
- 6 DECK BARGES
- 5 SPUD BARGES, ALL 120' WITH WIDTH RANGES OF 30-40'
- 6 ALUMINUM FLAT BOATS WITH OUTBOARDS
- 3 ALUMINUM FLAT BOATS WITH GO-DEVIL MUD MOTORS

DEAN PIPELINE REPAIR EQUIPMENT

- **4 ENGINEERED ALUMINUM CAISSON BOXES**

- 1- 10'X10'X13.5' WITH 4' AND 8' HEIGHT EXTENSIONS
- 1-11'X12'X16' WITH A SINGLE 4' HEIGHT EXTENSION
- 10'X8.5'X12' OFFSET BOX FOR PIPELINES WITH ELEVATION CHANGES
- 8'X8'X6' RISER BOX WITH BOTTOM ENTRY FOR PIPELINE REPAIRS ON RISERS.

CAPABLE OF 20' WATER DEPTH BY ENGINEERED SPECS

- **1 DEEPWATER CAISSON**

CAPABLE OF REPAIRS IN WATER DEPTHS UP TO 36', WORKING AREA IS 8' INSIDE CAISSON

- **7 PIPELINE LIFTING YOLKS**

FOR PIPELINE LIFTS REQUIRING LONGER DISTANCES OF PIPELINE INSPECTION AND VISUAL CONFIRMATIONS

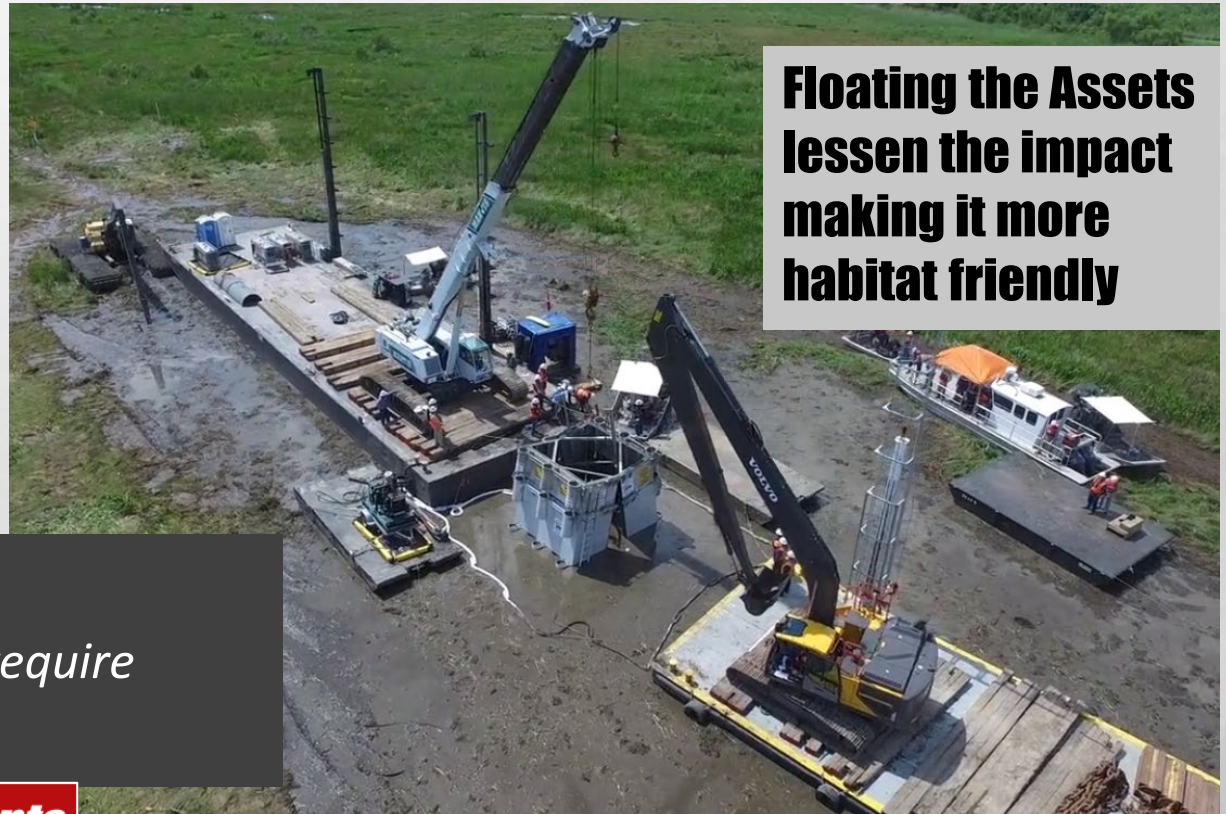
DEAN PIPELINE REPAIR EXPERIENCE

2016 TO PRESENT

- **PHILLIPS 66** 3-DEEPWATER CAISSON REPAIRS, 10 CAISSON BOX REPAIRS, 5 ENGINEERED SHEET PILE BOXES
- **EXXON MOBIL**-115 DEEPWATER CAISSON REPAIRS, 44 CAISSON BOX REPAIRS, 2 ENGINEERED SHEET PILE BOXES
- **LOOP**- 22 CAISSON BOX REPAIRS, 7 ENGINEERED SHEET PILE BOX
- **PLAINS**-1 DEEPWATER CAISSON AND 90 CAISSON BOX REPAIRS
- **SHELL**-13 CAISSON BOX REPAIRS, 6 ENGINEERED SHEET PILE BOX
- **ENTERPRISE**-1 DEEPWATER CAISSON REPAIR, 26 CAISSON BOX REPAIRS, 5 ENGINEERED SHEET PILE BOX
- **COLONIAL**-17 DEEPWATER CAISSON REPAIRS, 22 CAISSON BOX REPAIRS, 4 ENGINEERED SHEET PILE BOX

*THIS IS EXCLUSIVE TO THE MARINE ENVIRONMENT AND DOES NOT TAKE INTO ACCOUNT ANY LAND AND/OR SHALLOW WATER RING LEVEE REPAIRS.

* IN EXCESS OF 400 SUB-SEA REPAIRS IN THE LAST 8 YEARS!



**Floating the Assets
lessen the impact
making it more
habitat friendly**

*“Wetland Pipeline Repairs done in a Safe & Dry
Environment for Marsh, Inland, & River areas that may require
special needs due to inaccessibility's.”*

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PIPELINE CONSTRUCTION & MAINTENANCE SERVICES

Specializing in both Wet and Dry Pipelines

- Installations
- Excavations
- Lowering
- Lifting
- Replacement
- Repairs & Maintenance
- Terrace Construction
- Pigging Assistance
- Blasting & Coating
- Emergency Response 24/7
- ROW Clearing & Maintenance
- Demolition
- Salvage
- Remediation
- Levee Installation and Maintenance
- Environmental Mitigation Services
- Coastal & Marsh Restoration



COASTAL RESTORATION PROJECTS



Ducks Unlimited

Terrace Construction in Dularge, LA



CPRA

**Levee Construction in Hopedale, LA
Marsh Creation Areas**



CPRA

**Levee Construction in Delacroix, LA
Marsh Creation Areas**



Nothing is too challenging For us at Dean Companies!



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COMMERCIAL DIVING SERVICES

G&G MARINE

- Subsea Pipeline Inspection, Repair, Burning & Welding
- New Pipeline Construction & Jetting Services
- Emergency Oil Spill Response & Hazmat Diving
- Certified ABS/DNC, Lloyd's, BV, NKK, Germanischer Lloyd & Rina Surveys
- Cooling Tower Cleaning (While Online)
- Pipeline Lowering, Matting, Hot-Taps, Tie-Ins, Anodes
- Remediation & Decommissioning Work



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