

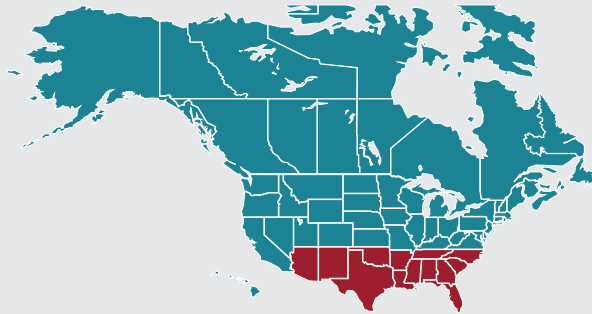


Repair and Strengthening Solutions

Introduction

DYWIDAG delivers specialized repair and strengthening solutions for infrastructure across North America. From concrete restoration to advanced post-tensioning systems, our services are designed to extend the life of your structures and ensure long-term safety and performance.

North America Repair & Strengthening Solutions Map



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Post-Tensioning Repair and Modification



Specialized solutions for tendon repair, replacement, new openings, and system upgrades.

DYWIDAG provides expert engineering, materials, and labor for post-tensioning system rehabilitation. From monostrand splice repairs to multistrand tendon replacement, our services ensure long-term safety and compliance with modern current standards.

MONOSTRAND SERVICES:

- Design shop drawings, mock-ups, and stressing equipment
- Internal tendon replacement for segmental bridges
- Relocation of anchorage for new penetrations
- Strand repair and full strand replacement
- Anchor replacement at slab edge
- Certified crews with extensive field experience

MULTISTRAND SERVICES:

- Design shop drawings, mock-ups, and stressing equipment
- External tendon replacement for segmental bridges
- Engineered de-tensioning capabilities

APPLICATIONS:

Bridges, buildings, parking garages, dams, piers, silos, and tanks.

CERTIFICATIONS:

- PTI Level 1 & 2 Unbonded PT Repair
- PTI Level 2 Multistrand Bonded
- ASBI Grouting Certification

Structural Strengthening



Advanced materials and techniques to reinforce existing structures and increase load capacity.

DYWIDAG structural strengthening services use cutting-edge composite systems to restore or enhance load-bearing capacity. Our CFRP solutions are ideal for bridges, buildings, and seismic retrofits, offering high strength without added mass.

CFRP SERVICES:

- Design support and mock-ups
- Strengthening for increased gravity loads
- Seismic retrofit and structural upgrades
- Confinement and reinforcement of existing concrete repairs

APPLICATIONS:

AASHTO girders, columns, pier caps, high-rise buildings, parking structures, tanks, silos and more.

BENEFITS:

- Lightweight and discreet
- High tensile strength and stiffness
- Low-profile system ideal for clearance-restricted areas
- Extends lifespan and prevents further deterioration

Concrete Repair



Restore structural integrity with proven repair techniques.

DYWIDAG offers a comprehensive range of concrete repair services to address deterioration, damage, and corrosion in structures. Whether you're maintaining a parking garage, bridge, or building, our solutions are designed to extend service life and ensure safety.

SERVICES INCLUDE:

- Epoxy injection
- Partial and full-depth concrete repair
- Expansion joint replacement
- Rebar augmentation and reinforcement installation
- Specialty coatings for durability and protection
- Sacrificial anodes and corrosion control systems

APPLICATIONS:

Parking garages, bridges, buildings, silos, tanks, and energy infrastructure.

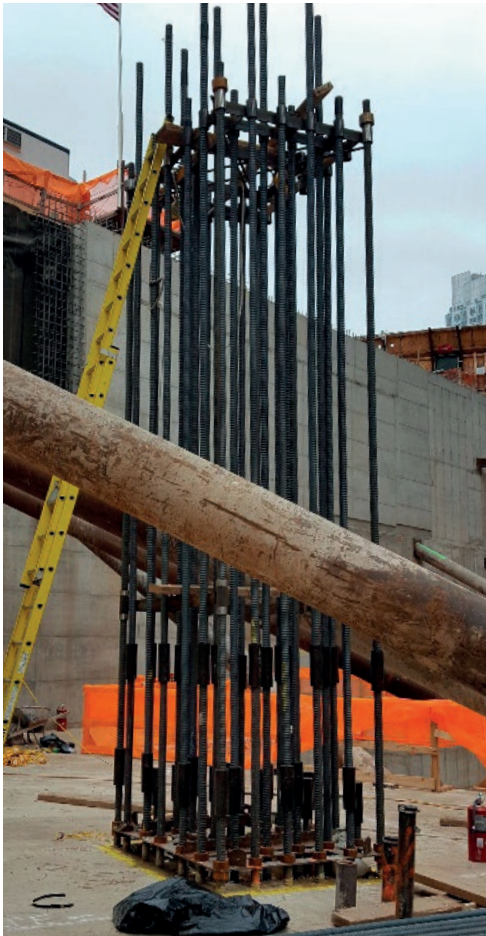
BENEFITS:

- Budget development and inspection
- Restore load capacity and structural integrity
- Can be combined with strengthening systems like CFRP or post-tensioning

Why DYWIDAG?

TRUSTED EXPERTISE. PROVEN RESULTS.

DYWIDAG is a global leader in structural repair and strengthening, with decades of experience restoring safety and performance to critical infrastructure. Our solutions are engineered for durability, compliance, and long-term value.



WHAT SETS US APART:

- PTI-certified crews and installers
- Advanced materials and anchor systems
- Custom engineering and mock-up capabilities
- Nationwide service coverage across North America
- Safety-first approach on every project

For local contact details, please visit our website.

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