

Specialized Engineering Services

Reliable and competent modeling, analysis, advice and designs you can count on.

For almost 30 years, ADAPT has provided specialized engineering services to building and bridge design clients worldwide. In all cases, ADAPT was hired for its deep expertise and expansive experience in pre- and post-tensioned concrete structures. Our services range from advising clients on strategic design development issues to value engineering of concrete structures, and extending to detailed forensic analysis of existing building and bridge infrastructure. You can count on our engineering services team to understand your local project requirements and meet even the toughest engineering and delivery schedule challenges. We can act as prime consultants or, as many of our clients prefer, provide the necessary support for your project teams to succeed.

Types of Structures:

- Concrete buildings and parking structures
- Podium slabs, deep transfer slabs and beams
- Mat and post-tensioned slab on grade foundations
- Segmentally constructed concrete bridges

Conceptual Design:

- Preliminary sizing of post-tensioned members
- Estimation of material quantities

Detailed Design:

- Design of post-tensioned slabs and beams
- Complete design services with preparation of CDs
- Design of concrete bridges

Value Engineering:

- Optimization of structural system using post-tensioning

Construction Support:

- Constructability analysis of post-tensioned slabs
- Preparation of shop drawings for post-tensioning
- Development of construction methods

Forensic Analysis:

- Investigation of existing structures
- Development of retrofit schemes
- Litigation support as expert witness

Peer Review:

- Review of structural documents and calculations
- Development of design methodology for special projects
- Review of ADAPT software models



Some of the Markets we Serve:

- USA
- Canada
- United Arab Emirates
- Saudi Arabia
- North Korea
- Hong Kong
- Spain
- South Africa
- Malaysia ... and more

ADAPT Corporation
Redwood City, CA, USA

ADAPT International
Kolkata, India

ADAPT Latin America
Miami, FL, USA

ADAPT Europe
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