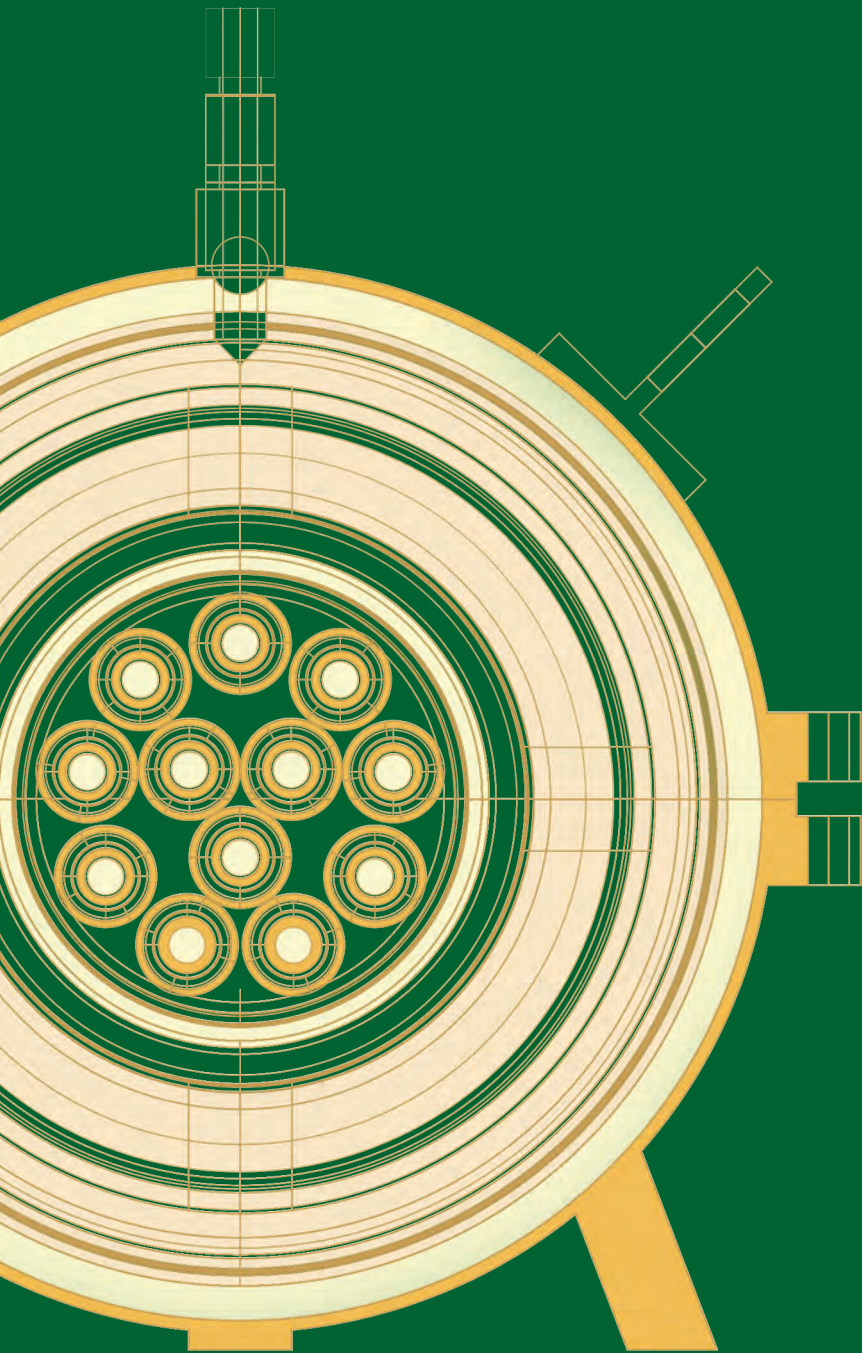


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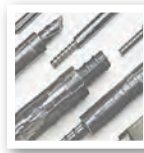
Art & Engineering
in Bridges





Structural Design

Prestressed Concrete, Concrete-Steel Composites Bridges. Buildings, Silos & Tanks. Value and Construction Engineering.



Rebar Splicing

With cold-swaged Couplers, #4 to #18 rebar sizes.

DEL



Post-tensioning

Multistrand with tendon capacities up to 10 000 KN. Monostrand, Bar, flat Multistrand.

DEL



Ground Anchors

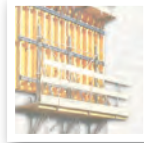
Bar & Strand. Temporary & Permanent. Self-drilling & traditional.

DEL



Stay & Suspension Cables **DEL** for Bridges, Domes & Roofs

With bare, galvanized, polyester and epoxy coated Strand.



Climbing Forms

Manual & Automatic.

doka



Incrementally Launched Bridges

Engineering & Systems.

DEL



Preformed Seals

For concrete Slabs.



Form Travelers

For Balanced Cantilever Bridges.

DEL



Expansion Joints

Modular, Transflex, & Asphaltic.



Advancing Shoring

For Bridge in-situ Construction.

DEL



Bridge Bearings

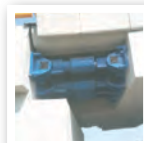
Pot, Spherical & Elastomeric Pads.



Beam & Segments Launchers

Hydraulic-Electrically operated.

DEL



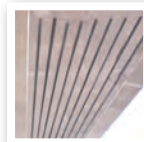
Seismic Protection Devices

Shock Transmission Units. Dampers for Bridges & Stays.



Precast-Prestressed Beams

DEL



Carbon Fibers

Engineering & Installation.

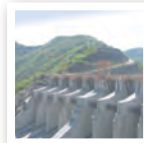
FYFE



Jacking Systems

Lifting, Lowering, Shifting, Pile driving, Pipe Jacking.

DEL



Structure repair & upgrade

With listed Techniques.



Moveable Bridges

Engineering & Systems.


















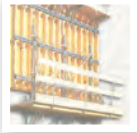



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11. Form Travelers

Project	Constructor/Owner	Location	Year
Platanar I Bridge	Jaguar Ingenieros Constructores, S.A. de C.V.	Guadalajara-Colima Hway	2014
Brattleboro Bridge	Pcl Civil Constructor, Inc.	Vermont, USA	2013
Los Monos III Bridge	Construcciones Aldesem, S.A. de C.V.	Tabasco	2013
Puente "Paso de Piedra"	Construcciones ALDESEM, S.A. de C.V.	Durango-Mazatlán Hway	2012
Viaducto "Carrera Novena"	Consortio Internacional Carrera Novena	Bucaramanga, Colombia	2012
"Puente 1" Supervía Poniente	Coordinadora Rápida Poniente SAPI, S.A. de C.V.	Mexico City	2012
Puente "Platanito"	Omega Cosntrucciones Industriales, S.A. de C.V.	Durango-Mazatlán Hway	2012
Puente "Neches River"	Williams Brothers Construction Co.	Texas, USA	2012
Pueblo Nuevo Bridge	Construcciones Aldesem, S.A. de C.V.	Durango-Mazatlan Hway	2010
GIWW Bridge	Midwest Foundation Corporation	Matagorda, Texas, USA	2007
Trinity River Bridge	Williams Brothers Construction Co, Inc.	Houston, Texas, USA	2007
Maroon Creek Bridge Rent of travelers.	BTE/Atkinson JV	Aspen, Colorado, USA	2006



Bridge # 1, Supervía Poniente, México City



Carrera Novena Viaduct, Bucaramanga, Colombia



Platanito Bridge, Durango-Mazatlán Highway



Neches River Bridge, Texas, USA

11. Form Travelers

Project	Constructor/Owner	Location	Year
Quintana Bridge.	VSTRUCTURAL LLC.	Brazoria Houston, Texas U.S.A.	2001
“Portland” Light Rail-205 Rent of travelers.	Bechtel Construction Infrastructure. TRI MET	Portland Airport Max. Extension, Oregon, U.S.A.	1999
Lomas Country IV Bridge. Rent of travelers. L = 160 mts.	ADMICORP, S.A. de C.V.	Lomas Country, Edo. de México.	1998
Cayapas & Santiago Bridges. Rent of travelers. Balanced Cantilever L = 175 y 130 mts. Each.	Constructora Aguivalar, S.A.	Borbón-Maldonado Hway Prov. de Esmeraldas Ecuador.	1997
Río Santa María Bridge. Rent of travelers & post-tensioning. Balanced Cantilever. L =126 mts.	Dillon Construction Inc.	Santiago-San Francisco Hway Prov. de Veraguas, Panamá	1996
Río San Pablo Bridge. Rent of travelers. Balanced Cantilever. L = 170 mts.	Dillon Construction Inc.	Santiago - Sona Hway Provincia de Veraguas, Panamá	1996
Papaloapan Bridge. Rent of travelers. L = 360 mts.	OPSA de GMD (Concesionaria) D.G.C.F. (Propietario Final)	La Tinaja - Cosoleacaque Hway	1993



Trinity Bridge, Houston, Texas, USA



Pueblo Nuevo Bridge, Durango -Mazatlán Highway



Maroon Creek Bridge, Aspen Colorado, USA



GIWW bridge, Texas, USA

11. Form Travelers

Project	Constructor/Owner	Location	Year
Papagayo Bridge.	OPSA. D.G.C.F.	México - Acapulco Hwy	1991
Tampico Bridge.		Tampico, Tamaulipas	1986
Dorah Bridge.			1982



Puente "I-205", Pórtland, Oregon, U.S.A



Quintana Bridge, Brazoria



Lomas Country IV Bridge, Edo. Estado de México



Papaloapan Bridge, Veracruz



Papagayo Bridge, México - Acapulco Highway



Tampico Bridge, Tampico, Tamaulipas

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