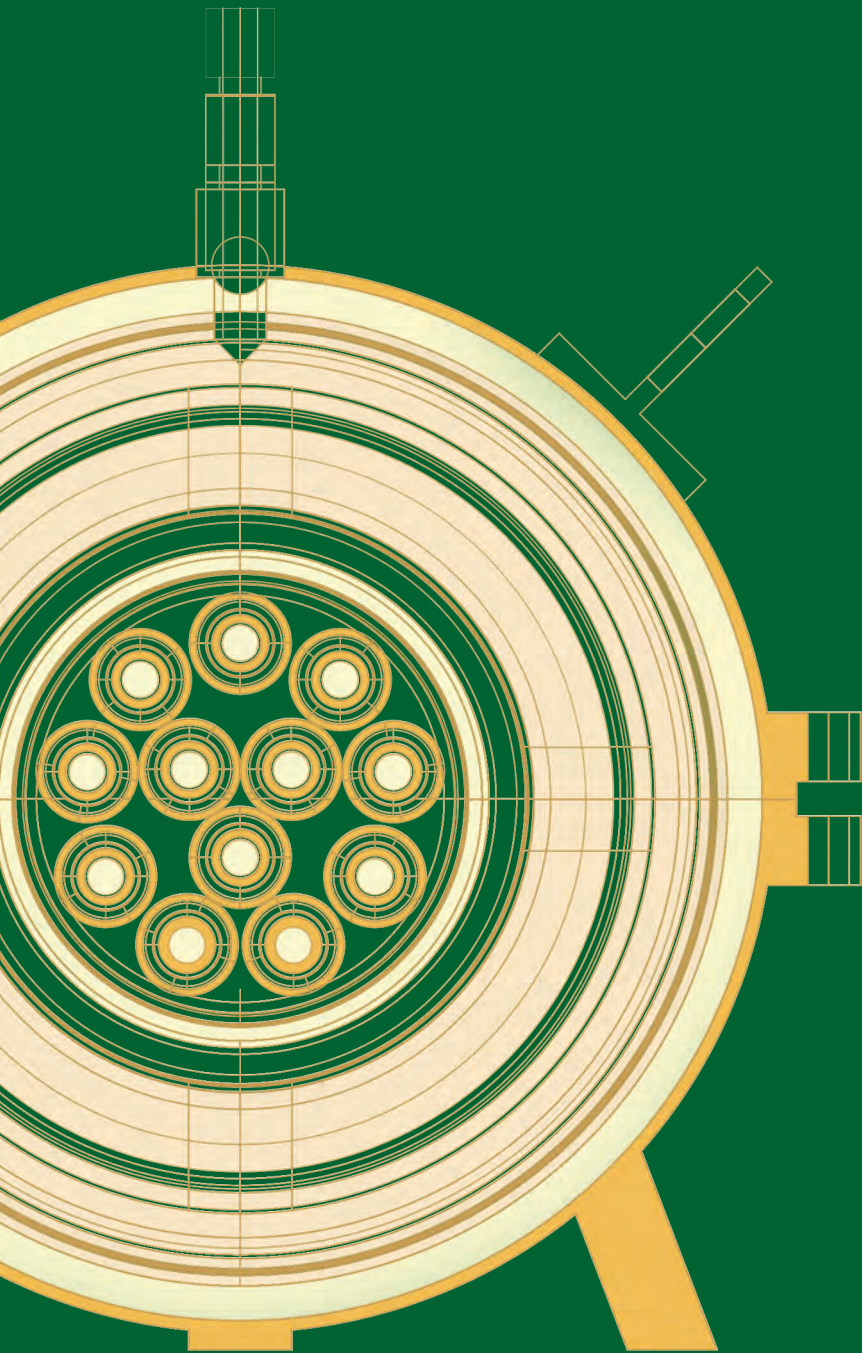


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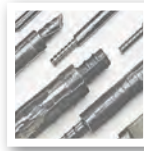
Art & Engineering
in Bridges





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

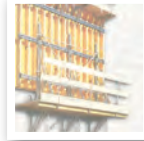
Bar & Strand. Temporary & Permanent. Self-drilling & traditional.

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 **DEL**

Engineering & Systems.

DEL



Preformed Seals

For concrete Slabs.



Form Travelers **DEL**

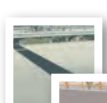
For Balanced Cantilever Bridges.

DEL



Expansion Joints

Modular, Transflex, & Asphaltic.



Advancing Shoring **DEL**

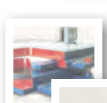
For Bridge in-situ Construction.

DEL



Bridge Bearings

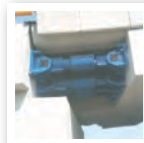
Pot, Spherical & Elastomeric Pads.



Beam & Segments Launchers **DEL**

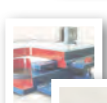
Hydraulic-Electrically operated.

DEL



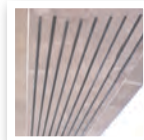
Seismic Protection Devices

Shock Transmission Units. Dampers for Bridges & Stays.



Precast-Prestressed Beams **DEL**

DEL



Carbon Fibers

Engineering & Installation.

FYFE



Jacking Systems **DEL**

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

DEL



Structure repair & upgrade

With listed Techniques.



Moveable Bridges

Engineering & Systems.


















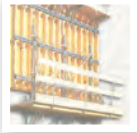



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15. Precast Prestressed Beams

Project	Constructor/Owner	Location	Year
Km 38+447.328 Bridge	Equivent, S.A. de C.V.	México-Toluca Hway	2015
Calabacillas & Guadalupe Victoria Bridges	Desarrolladora y Constructora Stevens, S.A. de C.V.	San Luis Potosí Freeway	2015
Acambay Freeway	Desarrolladora Infraestructuras Hispanoamericanas, S.A. de C.V.	Atlacomulco-Palmillas Hway	2014
Mitla-Tehuantepec Highway interchange	Constructora MT de Oaxaca, SA de CV	Mitla-Tehuantepec Hway	2014
Ixtapaluca Interchange	Acciona Infraestructura Mexico, S.A. C.V.	Edo. de México	2013
Las Banderas & La Toga Bridges	Fujita Kawda Joint Venture	Nicaragua	2012
Ixtapaluca Interchange	Construcciones Integrales e Inteligentes, S.A. de C.V.	Ixtapaluca, Edo. de México	2012
Naranjos & Amatlán Bridges	Consortio Cosntructo e Industrial Trasnacional del Golfo, S.A. de C.V.	Naranjos, Veracruz	2012
Río Ahuacatlán III Bridge	Construcciones ALDESM, S.A. de C.V.	Tepic, Nayarit	2012
Sabanilla Bridge	Constructora Arrendadora López, S.A. C.V.	Teapa, Tabasco	2011
Palmira Interchange	Infraestructura Técnica, S.A. de C.V.	Cuernavaca, Morelos	2011
Centenario Bridge	Coordindora Vía Rápida Poniente SAPIS.A. de C.V.	Mexico City	2011
Ixtapaluca Interchange	Acciona Infraestructura México, S.A. C.V.	Chalco-Cuatla Hway, Edo. de México	2011



Ooapas Bridge, Morelia-Maravatío Highway



Arroyo Bridge, Amozoc-Perote Highway



Chedraui Interchange, Córdoba, Veracruz



“Juan A. Ramírez Bridge, Laguna de Tamiagua

15. Precast Prestressed Beams

Project	Constructor/Owner	Location	Year
Verde Bridge	Construcciones Aldesem, S.A. De C.V.	Durango Mazatlán hway	2010
El Indio Bridge y La Noria Bridge	Omega Construcciones Industriales, S.A. De C.V.	Durango Mazatlán hway	2010
Sta Lucia Bridge	Constructora Durango Mazatlan, S.A. C.V	Durango Mazatlán hway	2010
Airport access enlargement	Concretos Y Obra Civil Del Pacifico, S.A. De C.V.	Toluca, Edo. de México	2010
Durango Mazatlán Highway	Construcciones ALDESEM, S.A. de C.V.	Durango Mazatlán hway	2010
Tierra Libertad-Ocozocuautila Highway	Constructora de Caminos de Chiapas, S.A. De C.V.	Chiapas, México	2008
Tulija Bridge	Puentes y Construcciones, S.A. de C.V.	Villahermosa- Escarcega Hway	2008
El Macayo Bridge	Constructora y Arrendadora Lopez, S.A. de C.V.	Reforma, Chiapas	2008
Sub Teniente Lopez Bridge	Aguila Constructora Del Sur, S.A. De C.V.	Quintana Roo/Belice	2007
Chedraui Interchange	Balmor Construcciones Civiles, S.A. C.V.	Córdoba, Veracruz	2007
Tecpan De Galeana Freeway	Omega Construcciones Industriales, S.A. De C.V.	Tecpan de Galeana, Querétaro	2007



Bridge on the Amozoc-Perote Highway

15. Precast Prestressed Beams

Project	Constructor/Owner	Location	Year
El Higo Bridge	Mapa Construcciones, S.A. De C.V.	El Palmar Prieto, Veracruz	2007
Tia Rosa Interhchange	Constructora Teya, S.A. De C.V.	Toluca, Edo. De México	2007
Morelia-Aeropuerto-Entronque Highway Mex-Guadalajara Highway	Concesionaria Purepecha, S.A. De C.V.	Morelia	2007
Tamiahua & Aguacate Vinazco Bridges	Mapa Construcciones, S.A. De C.V.	Veracruz	2007
Salina Cruz Bridge	Nacional De Puentes Y Estructuras, S.A. De C.V.	Oaxaca, Oaxaca	2007
Juan A. Ramírez Bridge Beam Fabrication	Impulsora de desarrollo Integral S.A. de C.V.	Laguna de Tamiagua	2006
Several Bridges and Flyovers Amozoc-Perote Highway Beam Fabrication AASHTO III y IV	Constructora de Proyectos Viales de México, S.A. de C.V. (Grupo OHL)	Amozoc-Perote Hway	2006
Puebla (Mexicali) Interchange Beam Fabrication AASHTO IV	Construcción y Puentes de Chihuahua, S.A. de C.V.	Mexicali-San Felipe Hway , Baja California Norte.	2006
Mexicali Highway	Omega Contruccionen Industriales, S.A. de C.V.	Mexicali Freeway	2005
San Pedro Bridge, 58+260 new Tepic-Villa Unión Highway.	Construcciones y Diseños, S.A. de C.V.	58+260 de la nueva Carretera Tepic-Villa Unión, Nayarit.	2005



Mexicali. fabrication site



Amozoc- Perote Highway

San Pedro Bridge

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