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“37 YEARS BUILDING INFRASTRUCTURE ”

ABOUT US

CONSULTORIA INTEGRAL EN
INGENIERIA, S.A. DE C.V.



We are a Mexican engineering services company with a solid trajectory, where 37 years back us up.

We stand out as a firm that provides comprehensive engineering solutions, project management, and technical and administrative supervision for construction projects in general.

We have a highly qualified team in the various branches of engineering; professionals with extensive experience and capacity to develop complex projects with quality, diligence, and commitment.

Executive project and construction supervision of La Caldera pumping plant, with a flow of 40 m³/s,
(1st place in the “Obras” magazine in the “Infrastructure Work” category)



Echanove Tunnel

AWARDS, AND CERTIFICATIONS

Since 1998, we are certified with the ISO 9001:2008 Quality Management System, issued and certified by the Mexican Institute of Standardization and Certification (IMNC), with registration number RSGC-168.

In 2013, an Integrated Management System (IMS) was implemented, designed based on the following reference standards:

- ISO 9001:2015 / NMX-CC-9001-IMNC-2015
- ISO 14001:2015 / NMX-SAA-14001-IMNC-2015
- ISO 45001:2018/ NMX-SAST-45001-IMNC-2018

Likewise, CONIISA is certified by the Chamber of Consulting Companies (CNEC), with registration number 516, in:

- Architectural Design
- Hydraulic and Sanitary Works
- Roads and Highways
- Public and Urban Transportation
- Multimodal Transportation
- Railways
- Oil and Gas Projects
- Tunnels and Underground Works
- Land Routes
- Project Management
- Construction Supervision
- Technical Opinions
- Independent Engineering for Operation and/or Construction

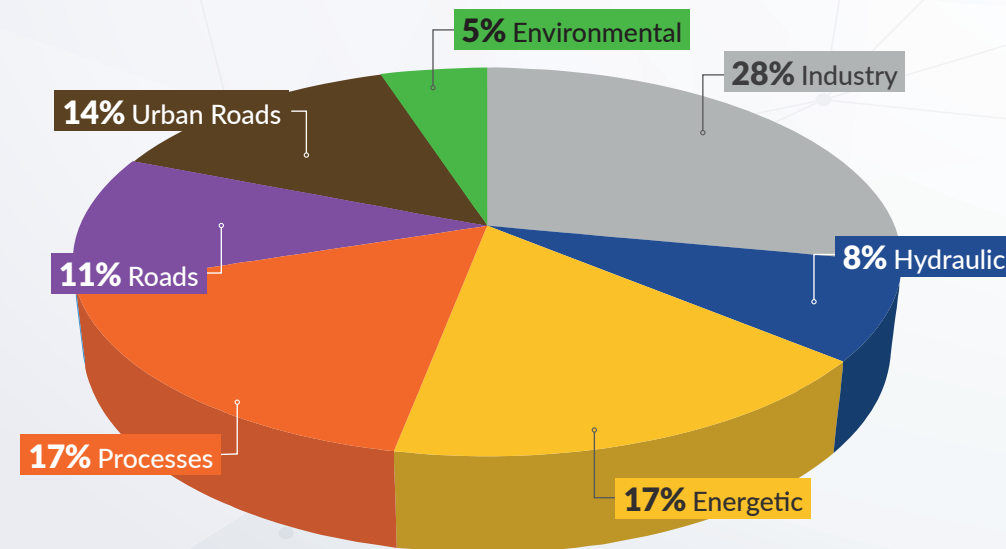


SERVICES

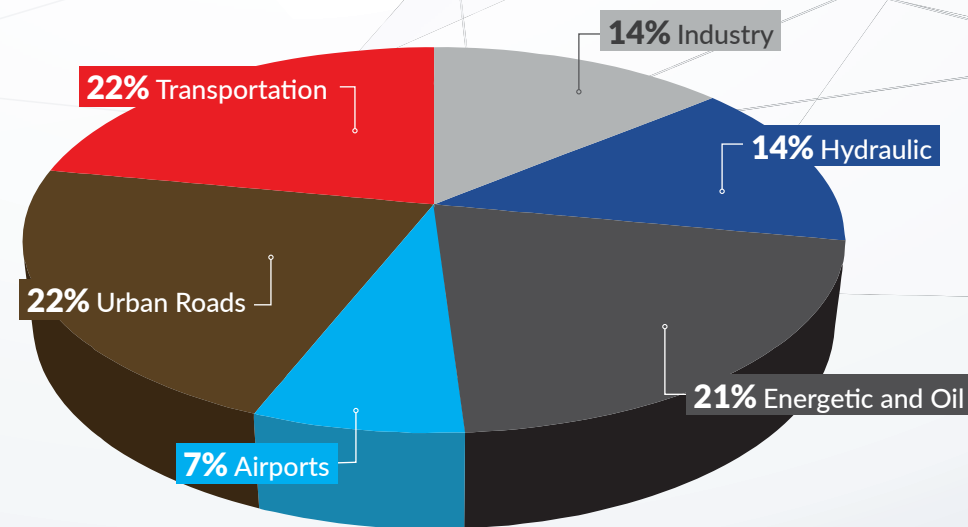
Since 1987, we have been offering consulting services, engineering, project management, and construction supervision.

We offer our clients high-level professional performance, supported by our accumulated experience, as well as our team of engineers, technicians, and the permanent support of recognized specialists in various branches of Engineering.

ENGINEERING AND CONSULTANCY



PROJECT SUPERVISION AND MANAGEMENT



OUR TEAM

We have a team of over 300 professionals, including engineers, architects, specialists, surveyors, technicians, and administrators. With them, we provide a wide range of services to various public sector agencies, as well as private industry in Mexico and South America.









Electromechanical construction supervision of the subway "Línea 12 Tláhuac-Mixcoac" of the Metro Collective Transportation System.












Supervision of the Tren Maya.

MAIN AREAS OF WORK

We provide consultancy, engineering, project supervision, and management services in areas such as:

-  **Railways and transportation**
-  **Airports**
-  **Highways**
-  **Building construction**
-  **Roads**
-  **Hydraulic works**
-  **Energetic and Oil**
-  **Tunnels, subways and underground works**

CONIISA PROJECTS	
	RAILWAYS AND TRANSPORTATION
	AIRPORTS
	HIGHWAYS
	BUILDING CONSTRUCTION
	ROADS
	HYDRAULIC WORKS
	ENERGY
	OIL AND GAS
	TUNNELS, SUBWAYS AND UNDERGROUND WORKS

SOUTH AMERICA

COLOMBIA

PERU



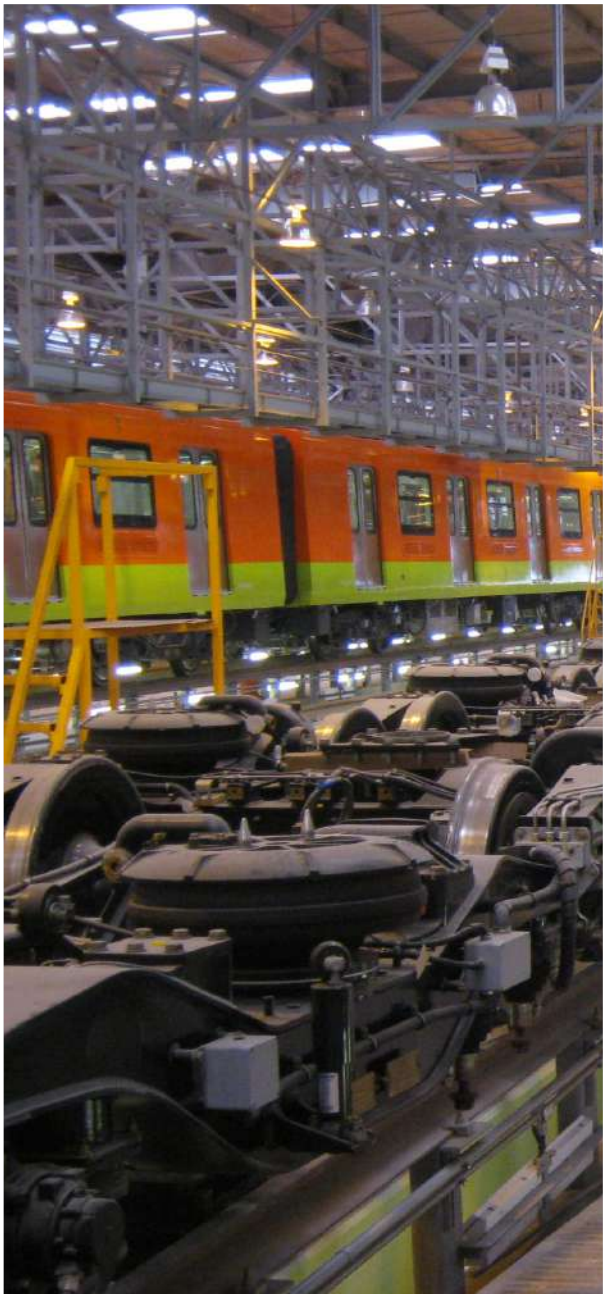
RAILWAYS AND TRANSPORTATION

PROJECTS

- Leveling of the track and light rail catenary section “Taxqueña-Estadio Azteca”.
- Supervision of the reconstruction due to modification of the track profile on the “Oceanía-AICM Terminal section of Subway section 5 of the STC”.
- Supervision of the expansion of the subway, section 9 of the Mexico City Metro STC, section “Tacubaya-Observatorio” and its connection with sections 1 and 12 of the metro and the Mexico-Toluca intercity train.

SUPERVISIÓN

- Supervision of the civil construction of the Metropolitan Train Line “B” Buenavista-Ecatepec (Line 10).
- Supervision of the electromechanical construction of the subway section 12 Tláhuac-Mixcoac of the Metro Collective Transportation System.
- Supervision of the construction of the Vial Corridor of the Metrobus Line 4 Buenavista-Historical Center-San Lázaro with extension to the AICM.



Supervision of the electromechanical construction of the subway, section 12 Tláhuac-Mixcoac of the Metro Collective Transportation System.

- Technical, administrative, and financial supervision for the construction of the public transport corridor Line 5 of the Metrobus second stage on Eje 3 Oriente from San Lazaro to Preparatoria number 1 of UNAM.
- Supervision and quality control in bridges from km 336+246 to km 392+350 on the “K” railway line in the state of Chiapas.
- Supervision of track rehabilitation works in the Campeche-Poc-Boc section of the MAYAB railway communication line under the responsibility of FIT in Yucatán.
- Supervision of track rehabilitation works in the Dzitas-Valladolid section, Yucatan, of the MAYAB railway communication line under the responsibility of FIT.
- Technical supervision and verification of quality control of the construction of the platform and track 3 of the Tren Maya for the Calkini-Izamal section.
- Executive geotechnical project service for alignment and earthworks of the Tren Maya.
- Technical assistance-Shadow Operator of the Interoceanic Corridor of the “Istmo de Tehuantepec”.

Supervision of the electromechanical construction of the subway, section 12 Tláhuac-Mixcoac of the Metro Collective Transportation System.



Supervision of the "Tren Maya" project.



Supervision of the "Tren Maya" project.



AIRPORTUARY

PROJECTS

- Stormwater and sewer drainage project at AICM.
- Supervision for the rehabilitation of the runway 17-35, pavement reconstruction of runway sides and reconstruction of taxiways at Aguascalientes Airport.
- Supervision of the pavement reconstruction of courtyards, roofing of baggage claim areas (T-1 and T-3), third boarding gate, and for the construction of a national arrival roof.

SUPERVISION

- Technical and administrative supervision of deep stormwater drainage construction for the new AICM.
- Technical and quality control supervision for construction of equipment booths, electrical connections, and complementary works at Guaymas Airport in Sonora.
- Technical and administrative supervision of the modernization of the fire protection system at the fuel station of Guadalajara Airport in Jalisco.
- Coordination, technical and administrative supervision of infrastructure related to the Inter-Terminal Transport System (APM) at AICM.
- Technical, administrative supervision and quality control for the expansion and remodeling of the general aviation building at Guadalajara Airport, S.A. de C.V.



Coordination, technical supervision, and administrative oversight of the public works related to the Interterminal Transportation System (APM), which will connect Terminals 1 and 2 of the Mexico City International Airport (AICM).

INTER-TERMINAL TRANSPORT SYSTEM (APM)

Coordination, technical and administrative supervision of public works related to the Inter-Terminal Transport System (APM), which will connect Terminals 1 and 2 of the Mexico City International Airport (AICM).



Coordination, technical supervision, and administrative oversight of the public works related to the Interterminal Transportation System (APM), which will connect Terminals 1 and 2 of the Mexico City International Airport (AICM).



Coordination, technical supervision, and administrative oversight of the public works related to the Interterminal Transportation System (APM), which will connect Terminals 1 and 2 of the Mexico City International Airport (AICM).



HIGHWAYS

Independent Engineer for the supervision of the construction of the High-Specification Highway in the state of Sonora.

“LIBRAMIENTO DE HERMOSILLO” OF 40.162 KM IN LENGTH.



MANAGEMENT AND SUPERVISION

- Independent Engineer for the supervision of the construction of the “Libramiento de Hermosillo” High-Specification Highway.
- Supervision of third-party work on the “Jala-Puerto Vallarta road”, section: Jala-Compostela Nayarit.
- Supervision of the asphalt pavement conservation work on the Mexico-Pachuca Highway.
- Supervision of the replacement of concrete slabs, drainage works, and rehabilitation of cuts and embankments on the Libramiento-Entronque Nuevo Necaxa section and Tihuatlán-Tuxpan section in the states of Puebla and Veracruz.
- Technical supervision and quality control of the construction of Tramo I of Phase III, located at the Chamapa-Lechería junction to the Mexiquense highway of the Circuito Exterior Mexiquense highway.



Jala-Puerto Vallarta road, section: Jala-Compostela, in the state of Nayarit.



Jala-Puerto Vallarta road, section: Jala-Compostela, in the state of Nayarit.



BUILDINGS

PROJECTS

- Supervision for the restructure of the TELMEX corporate building located in Parque Vía, CDMX.
- Over 50 restructuration projects for telephone centers for TELMEX in various states of Mexico.
- Structural assessments for 9 buildings for the Buro o Labor (STPS).
- Executive project and drafting of the Isolation Unit of the Cuautitlán Higher Studies Faculty.
- Project for the restructuration of the headquarters building for the Buro (Tesorería y Contaduría Mayor).
- Executive project for the building of the juvenile courts for the Superior Court of Justice of Mexico City.

MANAGEMENT AND SUPERVISION

- Supervision of more than 200 Walmart stores.
- Civil and electromechanical work supervision for NESTLÉ industrial plants.
- Work supervision, drawing, and EHS for MERCK.
- Project management of improvement works for the Reynosa Model Customs Office in Tamaulipas.
- Supervision of the construction for the subway of the SEAT Estrella Permanence building of section 12, Tláhuac-Mixcoac of the Collective Transportation System.
- Supervision of the project and construction of the Federal Justice Palace in the municipality of San Andrés Cholula, Puebla.



Palacio de Justicia Federal en Coatzacoalcas, Veracruz.

- Technical supervision of the construction of the Federal Justice Palace in the property located in Bordo de Xochiaca, Ciudad Jardín Nezahualcóyotl, State of Mexico.



Federal Justice Palace located in Ciudad Jardín Nezahualcóyotl, State of Mexico.

- Technical supervision of the construction of the Federal Justice Palace in Coatzacoalcas, located on Av. Universidad (old Minatitlán highway, at km 12, Coatzacoalcas, Veracruz).



Administrative Building on Parque Vía 190 Avenue, in Mexico City.

- Supervision and control of the remodeling and adaptation of facilities, complementary areas, and exterior of the building of the Federal Penitentiary System Undersecretariat and the Decentralized Administrative Body for Social Prevention and Rehabilitation.
- Supervision of the structural reinforcement and expansion of the tobacco and COPD research department.



Restructuring of Telephone Switching Centers.

- Supervision of civil construction and electromechanical installation for the expansion, remodeling, and refurbishment of the hospital in Sahuayo, Michoacán.
- Supervision of civil construction and electromechanical installation for the hospital "Iguala de la Independencia", Guerrero.
- External supervision of the "Centro Integral de Justicia" in Ecatepec de Morelos, Mexico. First stage.



Judicial Power of the Federation, Puebla.

- Project management of the integrated essential works related to the execution projects in the municipalities of Palenque, in the state of Chiapas; Jalpa de Méndez, Paraíso, Huimanguillo, and Teapa, in the state of Tabasco; PMU-SEDATU 2021.
- Project management of the integrated essential works related to the execution projects in the municipalities of Balancán, Comalcalco, Cunduacán, and Tenosique, Tabasco; PMU-SEDATU 2021.



Cineteca Nacional, CDMX.

- Supervision for the construction works for the PMU-SEDATU 2022 in the municipalities of San Andrés Tuxtla, Acayucan, Oluta, and Sayula de Alemán, Veracruz.
- Supervision of the restructuration works of a property located on Gutenberg Street, Veronica Anzurez, Miguel Hidalgo, Mexico City.
- Supervision of the construction of a ten-level building at Miramontes Avenue No. 3004, Col. Girasoles, in Coyoacan, CDMX.



Supervision for the PMU-SEDATU 2022. Urban Improvement in the municipality of Acayucan, Veracruz.

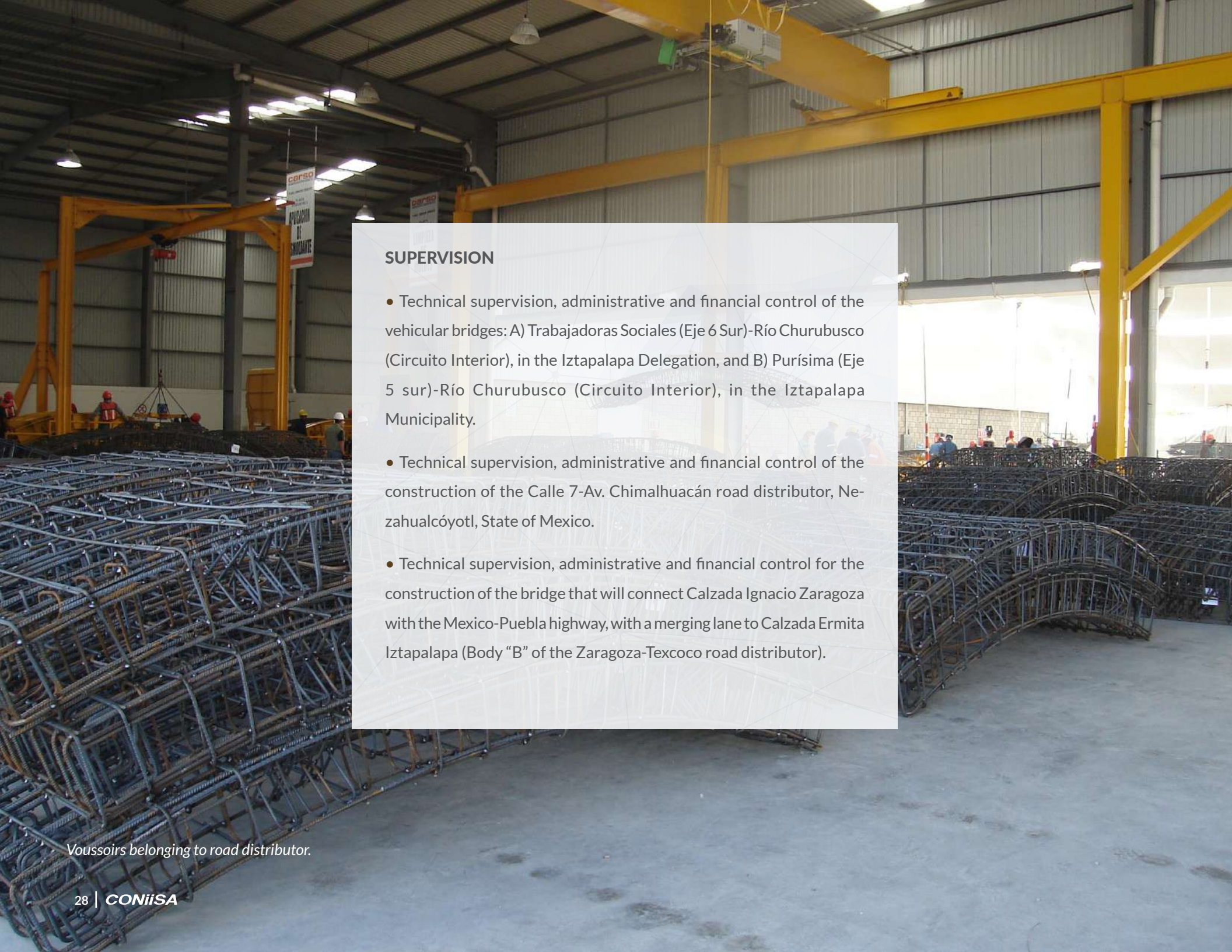


ROADS

Supervision of the construction of the “Distribuidor Vial San Antonio” in sections IV, V, VI.

DISTRIBUIDOR VIAL SAN ANTONIO

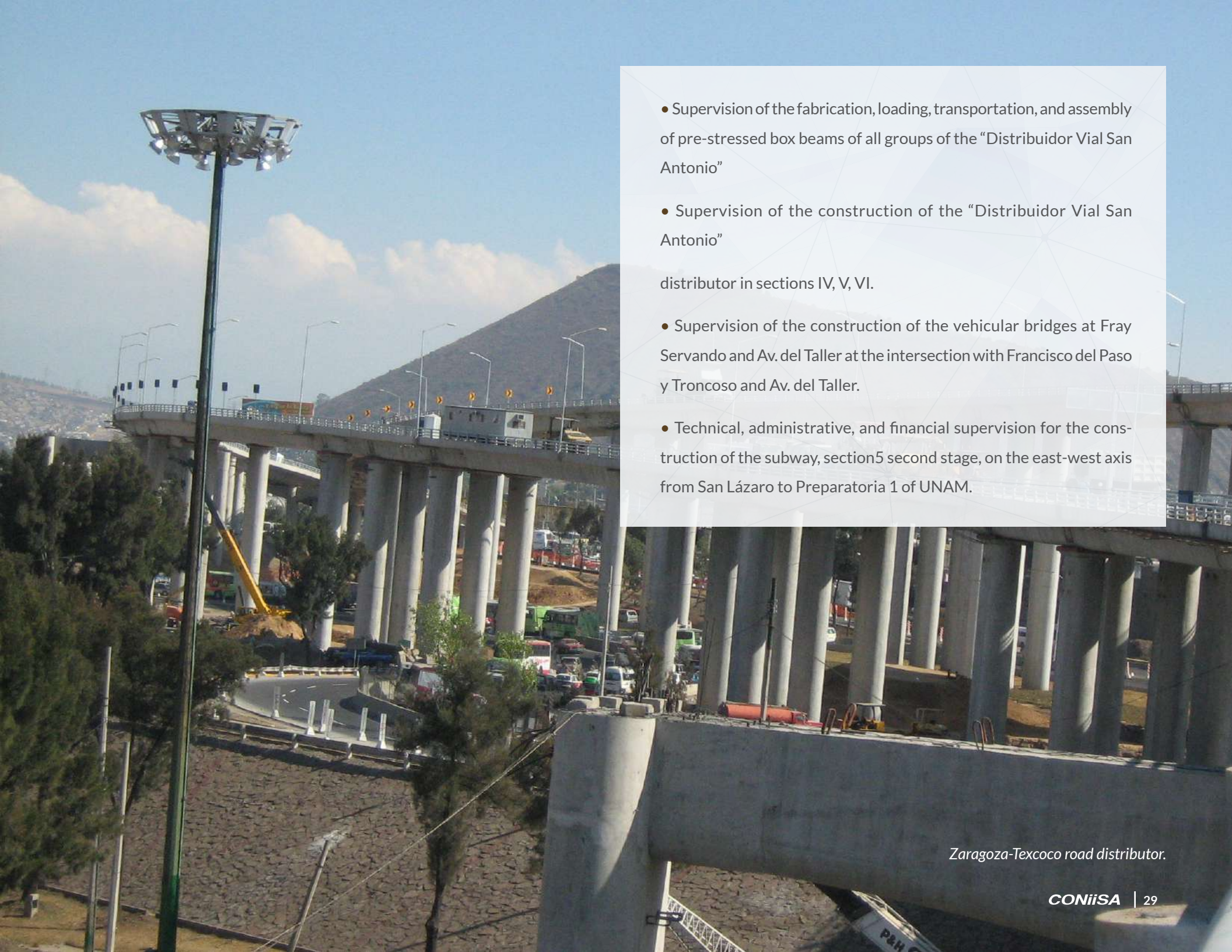




SUPERVISION

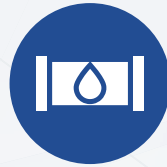
- Technical supervision, administrative and financial control of the vehicular bridges: A) Trabajadoras Sociales (Eje 6 Sur)-Río Churubusco (Circuito Interior), in the Iztapalapa Delegation, and B) Purísima (Eje 5 sur)-Río Churubusco (Circuito Interior), in the Iztapalapa Municipality.
- Technical supervision, administrative and financial control of the construction of the Calle 7-Av. Chimalhuacán road distributor, Nezahualcóyotl, State of Mexico.
- Technical supervision, administrative and financial control for the construction of the bridge that will connect Calzada Ignacio Zaragoza with the Mexico-Puebla highway, with a merging lane to Calzada Ermita Iztapalapa (Body “B” of the Zaragoza-Texcoco road distributor).

Voussoirs belonging to road distributor.



Zaragoza-Texcoco road distributor.

- Supervision of the fabrication, loading, transportation, and assembly of pre-stressed box beams of all groups of the “Distribuidor Vial San Antonio”
- Supervision of the construction of the “Distribuidor Vial San Antonio” distributor in sections IV, V, VI.
- Supervision of the construction of the vehicular bridges at Fray Servando and Av. del Taller at the intersection with Francisco del Paso y Troncoso and Av. del Taller.
- Technical, administrative, and financial supervision for the construction of the subway, section 5 second stage, on the east-west axis from San Lázaro to Preparatoria 1 of UNAM.



HYDRAULIC TUNNELS AND UNDERGROUND WORKS

PROJECTS

- Executive project of the La Caldera Wastewater Pumping Station, designed to handle a flow rate of 40 m³/s.
- Executive project for 4 Stormwater Regulation Ponds, as well as the control structures between them and Lake Nabor Carillo, including their discharges into the Drainage System in Texcoco Lake.
- The Executive Project for the 6 km Tunnel of the South Branch of the Aquapheric System and The Executive Project, with Tunnel Boring Machine, for the 11.5 km Tunnel of the Aquapheric System, South Branch.
- Tunnel project “Emisor Poniente II”.

- Construction Supervision of the Culverting of the Great Drainage Canal of Mexico City (900 m).
- Semideep Grand Canal Tunnel in the section between PB1 and PB2 of the Grand Drainage Canal and review of the enclosure of the Grand Drainage Canal in the same section.
- Project of the Confluence Tunnel of Chimalhuacán II Dren and Río de la Compañía, including the incorporation of the Churubusco Lago Pumping Station, up to Lumbrera 5 of Río de los Remedios.
- Executive Project of the Semideep Tunnel Indios Verdes.
- Executive Project of the Semideep Drainage Tunnel Ermita.



Consulting services for external management for the Atotonilco Project, complementary works and induced works, in Atotonilco de Tula, Hidalgo.



"Casa Colorada Profunda" Pumping Plant, 40 m³/s.



Chimalhuacán II Tunnel, State of Mexico



La Caldera



Churubusco-Xochiaca Tunnel, State of Mexico and Mexico City.

MANAGEMENT AND SUPERVISION

- Consulting services for external management for the Atotonilco Project, complementary works and induced works, in Atotonilco de Tula, Hidalgo.
- Technical, administrative and quality control supervision for the construction of the Churubusco-Xochiaca Tunnel, State of Mexico and Mexico City.
- Technical, administrative and quality control supervision for the construction of the Chimalhuacán II Tunnel, State of Mexico.
- Supervision of the construction of the Río de los Remedios Interceptor Tunnel.
- Supervision of the construction of the Grand Drainage Canal conduit, from km 0+063 to km 0+997.
- Supervision of the construction of the "Casa Colorada Profunda" Pumping Plant, 40 m³/s.
- Technical and administrative supervision for lining and sealing works against leaks, in the subway, sections from L-13 to L-11 of the Central Interceptor, located in Gustavo A. Madero Municipality, Mexico City.



Consulting services for external management for the Atotonilco Project, complementary works, and induced works, in Atotonilco de Tula, Hidalgo.

- Technical and administrative supervision of the rehabilitation of the "Tunel Emisor Central" and Deep Drainage System corresponding to the East Interceptor, in the Gustavo A. Madero Municipality, CDMX.
- Supervision of the construction of the drainage pipe of the Great Drainage Canal, from km 0+063 to km 0+997.
- Supervision of the construction of the "Casa Colorada Profunda" Pumping Plant, with a capacity of 40m³/s.
- Technical and administrative supervision for the coating and sealing of leaks, in the section from L-13 to L-11 corresponding to the Central Interceptor, located in the Gustavo A. Madero Municipality, Mexico City.
- Technical and administrative supervision of the rehabilitation of the "Tunel Emisor Central" and Deep Drainage System corresponding to the East Interceptor, in the Gustavo A. Madero Municipality, CDMX.



ENERGY AND OIL

MANAGEMENT AND SUPERVISION

- Supervision of all the works included in the Los Ramones Gas Pipeline Project Phase 1.
- Technical and administrative assistance services for the PB-ABKATUN-A2 Platform.
- Technical support services by specialized personnel to carry out supervision tasks in the works: emergent protection works to restore mechanical integrity at the Misantla River crossing of the 48" D.N. Cactus-San Fernando Gas Pipeline km 510 + 150 and repair of damages caused to the 48" D.N. Cactus-San Fernando Gas Pipeline km 494+500 Colipa River crossing, near the Diana Baja neighborhood in the municipality of Vega de la Torre.

- Second-level supervision services for the project "Engineering, Procurement, Construction, Loading, Mooring, Transportation, and Installation of Two Light Marine Structure Type Drilling Platforms (PPKUIL-C and FUTU-RA) for Shallow Waters of the Gulf of Mexico."
- Execution of pre-commissioning, commissioning, customization, and technical support of specialized software for testing and commissioning of 11 work orders (OEM in ABKATUN-A2 Phase 1, ABKAYUN-A2 Phase 2, KUIL-B, IXTAL-A, MANIK-A, ONEL-A, BATABA, XONAB-C, YAX-CHE-C, IXTAL-B, and FUTURA).



PB-ABKATUN-A2 Platform.



Offshore drilling platform

PROJECTS

- Engineering and specialized services for the integral assets of Cinco Presidentes, Bellota-Jujo, Muspac, GTDHR.S., Macuspana, Samaria-Luna, and GTDH M.N.E of Pemex Exploration and Production.
- Specialized services for different works of onshore installations of the SOUTH REGION, RMSO, and RMNE.

MANAGEMENT AND SUPERVISION

- Supervision of the specific works for the Refinery Reconfiguration of “Gral. Lázaro Cárdenas” in Minatitlán, Veracruz.
- Supplementary supervision in the project “Fuel Quality - Gasoline Phase” at the “Francisco I. Madero” Refinery in Ciudad Madero, Tamaulipas.
- Technical supervision of the works carried out at the “Ing. Antonio Dovalí Jaime” Refinery in Salina Cruz, Oaxaca.

RECONFIGURATION OF THE “GRAL. LÁZARO CÁRDENAS” REFINERY; LOCATED IN MINATITLÁN, VERACRUZ.

Supervision of the works for the IPC contract for the units of the Auxiliary Services plant, Bitter Water Treatment Plant, Integration Works and for the coordination of specific activities of the integral project for the Reconfiguration of the “Gral. Lázaro Cárdenas” Refinery; located in Minatitlán, Veracruz.



Photo courtesy of Engineer Arturo Roa Acevedo

MINATITLÁN REFINERY

Photo courtesy of Engineer Arturo Roa Acevedo

- Supervision of the works for the Diesel Fuel Quality project at the “Ing. Hector R. Lara Sosa” Refinery in Cadereyta de Jiménez, Nuevo León.
- Technical and administrative supervision of public works contracts No. PEP-O-IE-343/04, PEP-O-IE-309/05, PEP-O-IE-347/04 related to the Offshore Drilling Platforms PP-AKAL-Q, PP-AKAL-W, and PP-SI-HIL-A, entrusted to the Engineering and Strategic Works Sub-Directorate.
- Supervision of Pemex Exploration and Production in the construction of the MALOOB-C Drilling Platform; XUX-A, XUX-B, and ONEL-A.
- Technical and administrative supervision in the construction of AKAL-TR and AKAL-TI Well Recovery Platforms; AKAL-TKL and AKAL-TTM.

PROJECTS IN SOUTH AMERICA

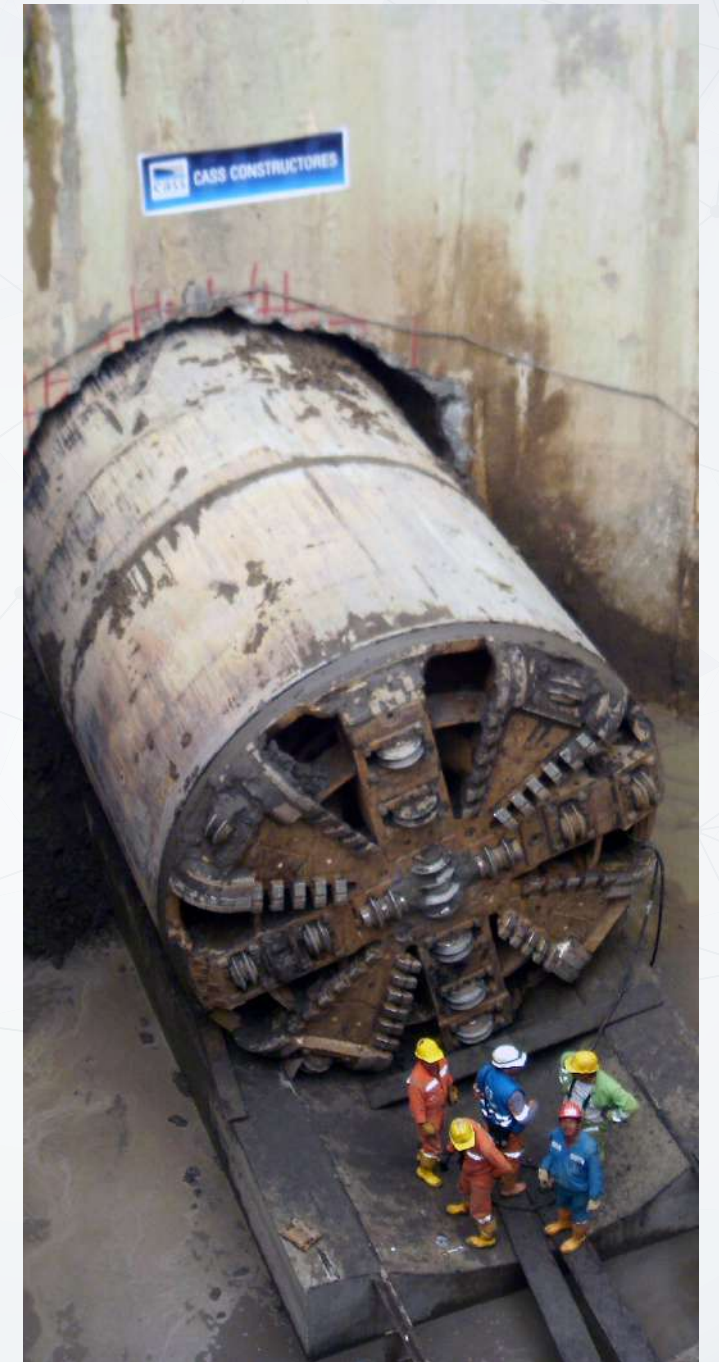
COLOMBIA

BOGOTÁ AQUEDUCT AND SEWERAGE, COLOMBIA

- Supervision of the construction for the Tunjuelo-Canals-Bogotá River Drainage Tunnel in Bogotá, Colombia.
- Supervision of the Construction for the lining of the tunnels in the Chingaza System, Bogotá, Colombia.
- Management of discharges PSMV-Y and erroneous connections in Zone 3 Phase II - supervision for the sanitation plan.

MUNICIPAL COMPANIES OF EMCALI

- Lining of the Cauquita Norte Canal, construction of Linear Park, and control works for collector discharge - Supervision for works supervision.
- La Sabana Gas Pipeline - Technical supervision.
- CCP 36 Soacha Pipeline - Technical, administrative, financial, environmental, social, and legal supervision.



Bogotá aqueduct and sewerage, Colombia.



Bogotá aqueduct and sewerage, Colombia.



Bogotá aqueduct and sewerage, Colombia.



Bogotá aqueduct and sewerage, Colombia.

- Tunjuelo Canoas Interceptor - Technical, administrative, financial, environmental, social, and legal supervision.
- San Miguel and Los Toches collectors of the Bogotá Aqueduct - Supervision for renewal.
- Aqueduct in the municipality of Barbosa, department of Santander - Technical, administrative, financial, accounting, environmental, social, and legal supervision.
- Infrastructure projects required by Fonade, in: Cundinamarca, Huila, Tolima, Caquetá, Meta, Amazonas, Guainía, Guaviare, Vaupés, Vichada, Nariño, Cauca, Santander, and northern Santander - Work supervision and technical designs and studies.
- Interceptor can of the Teusaquillo and Engativá localities - Supervision for renewal.
- North access phase II project - Comprehensive supervision (technical, economic, financial, accounting, risk, operational, administrative maintenance).
- Las Animas / Nuqui road - Improvement and maintenance.
- Soratama aqueduct system - Comprehensive supervision.
- White River subsystem and related works in the northern supply system - Technical, environmental, administrative, financial, and legal supervision.

PERU

PETROBRAS PERU (NOW CNPC PERU)

- Risk studies and contingency plans for seven facilities in Block X.
- Development of high-pressure, low-pressure gas pipelines, and oil pipeline risk studies in Block X.
- Development of APP (Preliminary Hazard Analysis) and QRA (Quantitative Risk Analysis) risk studies and specific contingency plan for the drilling of 208 wells in Block X



UNFOLD TO READ

CONTRACT LIST BY YEAR, HIGHLIGHTING THE MOST IMPORTANT ONES



OUR TRAYECTORY

LOCATIONS

INTEGRAL ENGINEERING CONSULTING, S. A. DE C. V.

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