

Chapter Reports

ACI ITSON Student Chapter Participates in “Construyendo” Program

The “Construyendo” program in Bahía de Lobos, Sonora, Mexico, aims to encourage students to become involved in activities that teach moral values and provide an opportunity to contribute to the growth and development of families with disabilities and scarce resources. This opportunity can help students appreciate the valuable work that construction employees do every day.

This program was held November 10-12, 2023, where multiple teams were sent out to various parts of the town to make 10 homes. Each team comprised 10 students from Instituto Tecnológico de Sonora (ITSON), Ciudad Obregón, Sonora; three assistants from the organization “Construyendo”; and the support of four construction workers and the beneficiary family. Built with mostly prefabricated elements, the houses consist of two bedrooms, one bathroom, and a large space for the kitchen, dining room, and living room.

The daily project activities included:

- November 10, 2023: The teams preassembled and placed exterior and interior walls and the roof slab of the house with the manufacture of abutments by hand. In addition, the exterior and interior rendering process was started;
- November 11, 2023: The wall rendering was completed, and teams started and ended the casting of the lightweight ceiling slab; and
- November 12, 2023: The teams stripped the ceiling slab, finished the wall rendering, and presented the house to the beneficiary family.



Finished home in Bahía de Lobos

ACI Yarmouk University Student Chapter Hosts Workshop on Recent Technologies for Structural Assessment

To enhance knowledge and skills in the field of civil engineering, the ACI Yarmouk University Student Chapter hosted a workshop titled “Recent Technologies in Assessment of Concrete Structures.” Conducted by experts from Building Rank Company in Jordan, this workshop discussed the latest innovations in nondestructive testing methodologies and tools

used to assess concrete structures. Covered topics included the evaluation of concrete mechanical properties, inspection of steel reinforcement, detection of steel corrosion, identification of water leakage issues, and the assessment of electrical connections.

The workshop encouraged a collaborative environment for knowledge exchange and networking among participants from diverse backgrounds, including students, technical professionals, professors, and industry experts. This interdisciplinary approach not only enriched the learning experience but also facilitated the exchange of ideas and best practices, laying the groundwork for future collaborations and innovations in the field of concrete structure assessment.



ACI Yarmouk University Student Chapter hosted a workshop titled “Recent Technologies in Assessment of Concrete Structures”

ACI Alberta Chapter 2024 Awards of Excellence in Concrete

The ACI Alberta Chapter 2024 Awards of Excellence in Concrete was held on May 24, 2024, at the Calgary Golf and Country Club, Calgary, AB, Canada.

The winners included:

- Advanced Concrete Construction—Bow River Bridge Twinning, Alberta Transportation and Economic Corridors;
- Bridges—North Saskatchewan River Bridge on Highway 15 (EBL) at Fort Saskatchewan, Alberta Transportation and Economic Corridors;
- Buildings—Station Lands North, Station Lands Ltd.;
- Civil—*The Last of Us* Set Construction, Bear and Pear Productions Inc.; and
- Restoration—14th Street Ramp to Westbound Glenmore Trail Bridge Rehabilitation, City of Calgary.

For more information about the winning projects, visit https://aci-alberta.org/2024_Awards_of_Excellence.

ACI Nebraska Chapter Recognizes Three Award of Excellence Winners

The ACI Nebraska Chapter held its Awards of Excellence banquet at Omaha’s Henry Doorly Zoo and Aquarium in Omaha, NE, USA, on February 4, 2024. The purpose of this competition is to recognize outstanding work (completed in

2022 and 2023) in concrete construction and practices within the state of Nebraska.

The ACI Nebraska Chapter awarded four Award of Outstanding Achievement projects and three Award of Excellence projects, the highest honor.

The 2023 Award of Outstanding Achievement winners included:

- American Concrete Products Office, Valley, NE; Enterprise Properties, Inc., Owner; Carlson West Povondra Architects, Architect; Infrastructure Engineering Inc., Structural Engineer; Hawkins Construction Company, General Contractor; Arps Red-E-Mix, Concrete Supplier; and Enterprise Precast Concrete Inc., Precast/Prestress Supplier;
- Go Big Project, Lincoln, NE; University of Nebraska–Lincoln, Owner; BVH Architecture, Architect; Hatfield Group Engineering, Structural Engineer; Hausmann Construction, General Contractor; and Ready Mixed Concrete of Lincoln, Concrete Supplier;
- Central Park Pavilion, La Vista, NE; City of La Vista, Owner; RDG Planning & Design, Architect; Thompson, Dreesen & Dorner, Inc., Structural Engineer; JE Dunn Construction, General Contractor; and The Platte River Concrete Co., Concrete Supplier; and
- Steelhouse Omaha, Omaha, NE; Omaha Performing Arts,

Owner; Holland Basham Architects, Architect; Walter P Moore, Structural Engineer; Kiewit Corporation, General Contractor; Ready Mixed Concrete Company, Concrete Supplier; and Enterprise Precast Concrete Inc., Precast Supplier.

The 2023 Award of Excellence winners included:

- Schlabach Vineyards – Residence and Wine Cave, Lincoln, NE; Brian and Meggan Schlabach, Owner; Structural Design Group, Structural Engineer; Ready Mixed Concrete of Lincoln, Concrete Supplier; and Stephens & Smith Construction Co., Inc., Concrete Contractor;
- The RiverFront Revitalization, Omaha, NE; Metropolitan Entertainment & Convention Authority, Owner; HDR, Inc., Architect; Kiewit Corporation, General Contractor; ShawMark Concrete, Concrete Contractor; and The Platte River Concrete Co., Concrete Supplier; and
- Boys Town Education Center, Omaha, NE; Boys Town, Owner; DLR Group, Architect and Structural Engineer; MCL Construction, General Contractor; Concrete Supply Co., Concrete Supplier; and Enterprise Precast Concrete Inc., Precast Supplier.

The ACI Nebraska Chapter congratulates all project participants for their contribution to the advancement of the concrete industry.

The ACI Detailing Manual

Includes FREE Downloadable CAD Files

The 2020 edition of the *ACI Detailing Manual* includes many new updates and revisions, plus the addition of valuable downloadable CAD files.

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