



NCSEA

National Council of Structural Engineers Associations

21st Annual Excellence in Structural Engineering Awards

Chicago, Illinois

2018 Awards Categories

New Bridge and Transportation Structures

Forensic / Renovation / Retrofit / Rehabilitation Structures up to \$20 Million

Forensic / Renovation / Retrofit / Rehabilitation Structures over \$20 Million

Other Structures

New Buildings Under \$20 Million

New Buildings \$20 Million to \$100 Million

New Buildings over \$100 Million

NCSEA 26th Annual Summit Awards Program

The award winners were selected from **120** entries representing over **\$21 billion** dollars of construction. The judging criteria included structural creativity, complexity of the project constraints, innovative application of materials or techniques, exceeding the client or owner's needs or expectations and suitability of the structure for its environment. These awards celebrate excellence in structural engineering.

NCSEA 26th Annual Summit Awards Program

2018 Awards Judges

Preliminary Round

NCSEA Past Presidents

Craig Barnes, PE

CBI Consulting, LLC

Ron Hamburger, SE

Simpson Gumpertz & Heger

Ben Nelson, PE

Martin/Martin

Sanjeev Shah, PE, Esq

Lea + Elliott

Vicki Arbitrio, PE

Gilsanz Murray Steficek

Carrie Johnson, PE

Wallace Engineering

John Joyce, PE

Engineering Solutions, LLC

Bill Bast, SE

Thornton Tomasetti

Tom Grogan, PE

Haskell

2018 Awards Judges

Final Round

Structural Engineers Association of Northern California

Angie Sommer, SE

ZFA Structural Engineers

Jim Malley, SE

Degenkolb

Marko Schotaunus, SE

Rutherford + Chekene

Darrick Hom, SE

Estructure

Johnny Thibau, SE

GFDS Engineers

Nick Sherrow-Groves, PE

Arup

Emily Guglielmo, SE

Martin/Martin

Jonathan Buckalew, SE

Nabih Youssef

Peter Lee, SE

Skidmore, Owings & Merrill

Emily Setoudeh, EIT

Buehler&Buehler

Kevin Moore, SE

Simpson Gumpertz & Heger

Richard Dreyer, SE

Holmes Structures

Jack Moehle, PE, PhD

UC Berkeley

Marc Steyer, SE

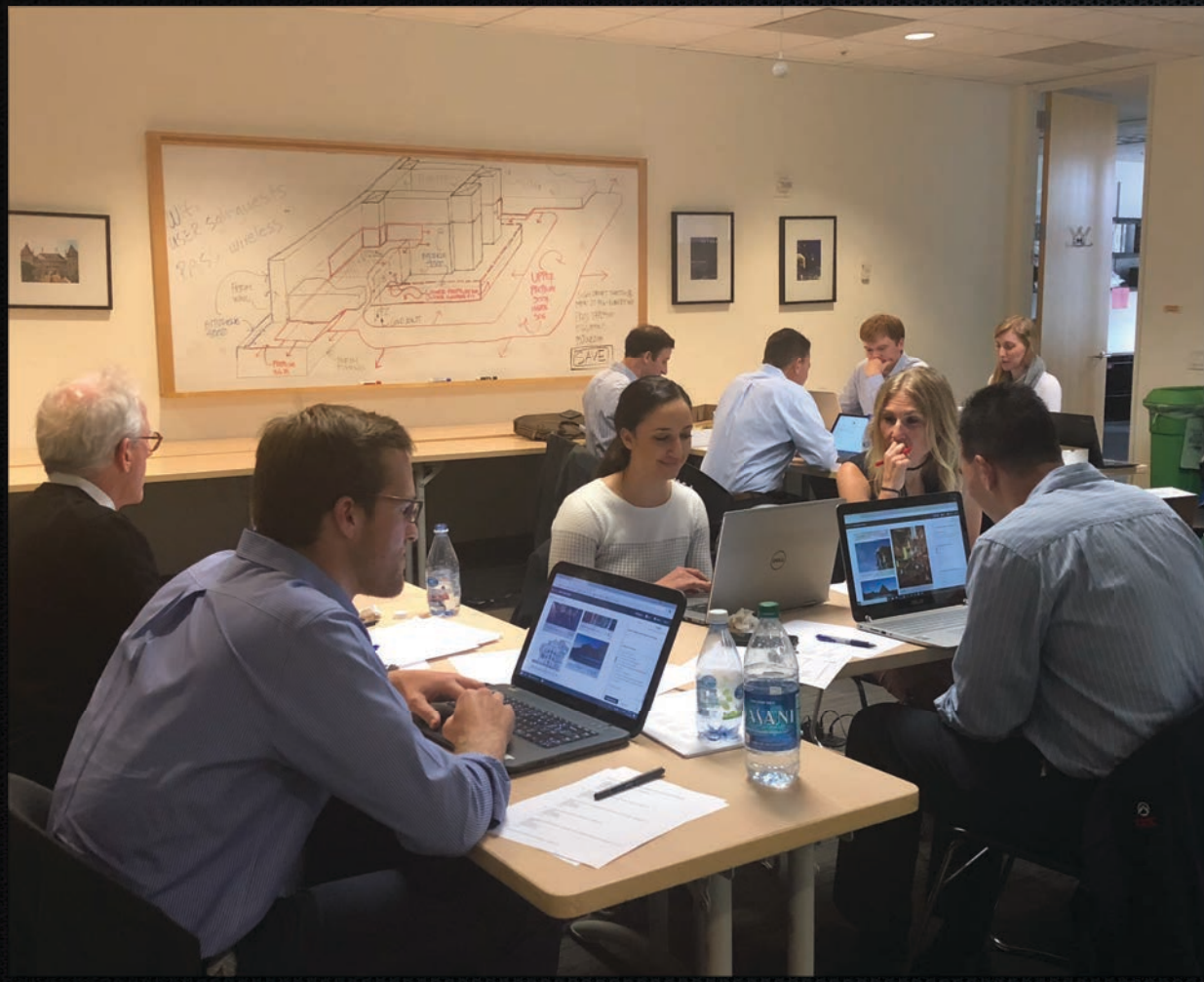
Tipping Structural Engineers

Tim Hart, SE, PhD

Lawrence Berkeley National Laboratory



Structural Engineers Association of Northern California
Judging - August 14, 2018

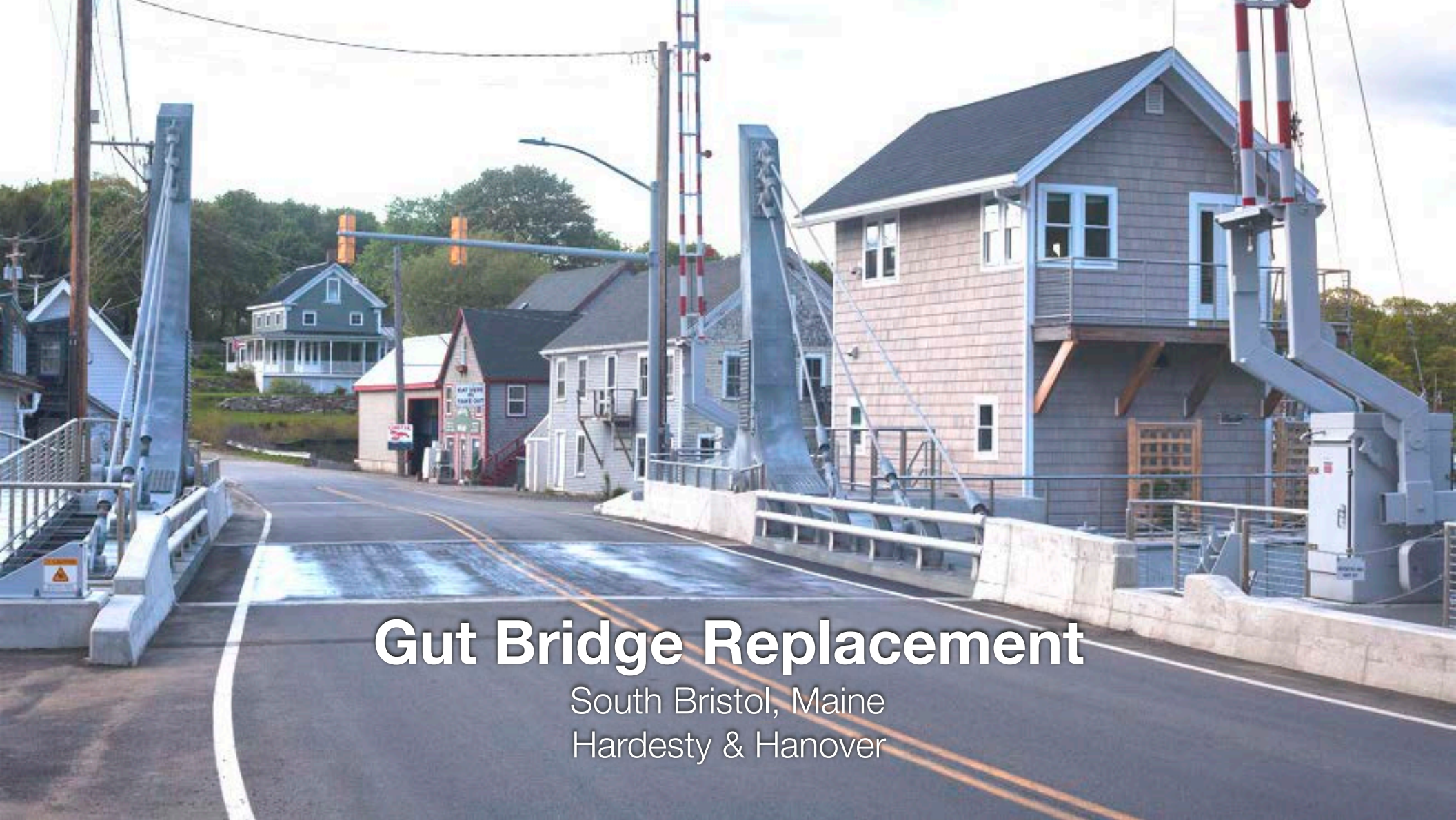




Category

**New Bridge or Transportation
Structures**

NCSEA Excellence in Structural Engineering Awards



Gut Bridge Replacement

South Bristol, Maine
Hardesty & Hanover



Gut Bridge Replacement

South Bristol, Maine
Hardesty & Hanover



Gut Bridge Replacement

South Bristol, Maine
Hardesty & Hanover



Gut Bridge Replacement

South Bristol, Maine
Hardesty & Hanover

A low-angle, perspective shot of the Lincoln Avenue Pedestrian Bridge. The bridge's structure, featuring a metal frame and a mesh railing, extends from the bottom left towards the top right. In the background, a tall, slender, A-frame tower is visible, with several cables fanning out to support the bridge deck. The sky is a vibrant blue with scattered white clouds. The overall composition is dynamic and emphasizes the bridge's architectural details.

Lincoln Avenue Pedestrian Bridge

Lone Tree, Colorado
Thornton Tomasetti



Lincoln Avenue Pedestrian Bridge

Lone Tree, Colorado
Thornton Tomasetti



Lincoln Avenue Pedestrian Bridge

Lone Tree, Colorado
Thornton Tomasetti



Lincoln Avenue Pedestrian Bridge

Lone Tree, Colorado
Thornton Tomasetti



Nigliq Bridge

Colville River, Alaska
PND Engineers, Inc.



Nigliq Bridge

Colville River, Alaska
PND Engineers, Inc.



Nigliq Bridge

Colville River, Alaska
PND Engineers, Inc.



Nigliq Bridge

Colville River, Alaska
PND Engineers, Inc.



Category

**Forensic / Renovation / Retrofit /
Rehabilitation Structures
Less Than \$20 Million**

NCSEA Excellence in Structural Engineering Awards



Preservation and Seismic Strengthening of Congregation Sherith Israel

San Francisco, California
Wiss, Janney, Elstner Associates, Inc.

A photograph showing a complex steel reinforcement cage for a concrete column. The cage consists of numerous vertical and horizontal rebar rods, some of which are wrapped in red plastic. The cage is set within a wooden formwork structure. A yellow-handled screwdriver is visible on a wooden surface to the right of the cage. The background shows a concrete wall and some construction materials.

Preservation and Seismic Strengthening of Congregation Sherith Israel

San Francisco, California
Wiss, Janney, Elstner Associates, Inc.



Preservation and Seismic Strengthening of Congregation Sherith Israel

San Francisco, California
Wiss, Janney, Elstner Associates, Inc.



Preservation and Seismic Strengthening of Congregation Sherith Israel

San Francisco, California

Wiss, Janney, Elstner Associates, Inc.



E. Claire Raley Studios for the Performing Arts

Sacramento, California

Buehler & Buehler Structural Engineers, Inc.



E. Claire Raley Studios for the Performing Arts

Sacramento, California

Buehler & Buehler Structural Engineers, Inc.



E. Claire Raley Studios for the Performing Arts

Sacramento, California

Buehler & Buehler Structural Engineers, Inc.



E. Claire Raley Studios for the Performing Arts

Sacramento, California
Buehler & Buehler Structural Engineers, Inc.

Hotel Nikko Pre-Northridge PJP Column Splice Repair

San Francisco, California
Degenkolb Engineers



Hotel Nikko Pre-Northridge PJP Column Splice Repair

San Francisco, California
Degenkolb Engineers



Hotel Nikko Pre-Northridge PJP Column Splice Repair

San Francisco, California
Degenkolb Engineers





**Hotel Nikko Pre-Northridge
PJP Column Splice Repair**

San Francisco, California
Degenkolb Engineers



Category

**Forensic / Renovation / Retrofit /
Rehabilitation Structures
More Than \$20 Million**

NCSEA Excellence in Structural Engineering Awards



Aramark Headquarters Renovation and Overbuild

Philadelphia, Pennsylvania
The Harman Group



Aramark Headquarters Renovation and Overbuild

Philadelphia, Pennsylvania
The Harman Group

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Aramark Headquarters Renovation and Overbuild

Philadelphia, Pennsylvania
The Harmon Group





Aramark Headquarters Renovation and Overbuild

Philadelphia, Pennsylvania
The Harman Group



Many Glacier Hotel at Glacier National Park

Babb, Montana
JVA, Inc.



Many Glacier Hotel at Glacier National Park

Babb, Montana
JVA, Inc.

A photograph of a grand, multi-level wooden staircase. The staircase features ornate railings with decorative balusters and is supported by large, rustic wooden columns. The ceiling is a grid of dark wood beams. The lighting is warm and ambient, highlighting the rich wood tones. The overall atmosphere is one of classic, rustic elegance.

Many Glacier Hotel at Glacier National Park

Babb, Montana
JVA, Inc.



Many Glacier Hotel at Glacier National Park

Babb, Montana
JVA, Inc.



Polynesian Cultural Center Renovation

Laie, Hawaii

J.M. Williams & Associates

A large stone monument, possibly a traditional Hawaiian structure, is the central focus. It is almost entirely covered in white plastic sheeting, which is secured with numerous yellow and black straps. To the right of the monument, a complex metal scaffolding system is erected, providing access to the structure. On the left, a worker wearing a white hard hat and safety gear is positioned on a blue and orange scissor lift, working on the lower part of the monument. The background is a clear, bright blue sky, with some green foliage visible in the upper left corner.

Polynesian Cultural Center Renovation

Laie, Hawaii

J.M. Williams & Associates

The image shows the interior of a large, multi-level restaurant or dining area. The most prominent feature is a series of tall, cylindrical wooden pillars that support the ceiling. These pillars are decorated with intricate carvings and are surrounded by large, glowing, pink and orange floral-shaped light fixtures. The ceiling is a complex, multi-tiered structure with exposed wooden beams and recessed lighting. In the foreground and middle ground, there are several wooden tables and chairs arranged for dining. The background features large murals or paintings on the walls, depicting scenes of Polynesian life and culture. The overall atmosphere is warm and culturally rich.

Polynesian Cultural Center Renovation

Laie, Hawaii

J.M. Williams & Associates



Polynesian Cultural Center Renovation

Laie, Hawaii

J.M. Williams & Associates



**University of Connecticut
Downtown Hartford Campus**

Hartford, Connecticut
Silman



University of Connecticut Downtown Hartford Campus

Hartford, Connecticut
Silman



University of Connecticut Downtown Hartford Campus

Hartford, Connecticut
Silman



University of Connecticut Downtown Hartford Campus

Hartford, Connecticut
Silman



Category
Other Structures

NCSEA Excellence in Structural Engineering Awards



Halo Board at Mercedes-Benz Stadium

Atlanta, Georgia
HOK

A close-up photograph of a complex metal structure, likely a halo board, at Mercedes-Benz Stadium. The structure consists of vertical and diagonal metal beams connected by bolts. A bright orange safety vest is visible in the background, partially obscured by the metal. The lighting is warm, suggesting an indoor or evening setting. The text 'Halo Board at Mercedes-Benz Stadium' is overlaid in white, bold font at the bottom of the image.

Halo Board at Mercedes-Benz Stadium

Atlanta, Georgia
HOK



Halo Board at Mercedes-Benz Stadium

Atlanta, Georgia
HOK



Halo Board at Mercedes-Benz Stadium

Atlanta, Georgia

HOK



The Grant Street Pier

Vancouver, Washington
Martin/Martin Consulting Engineers



The Grant Street Pier

Vancouver, Washington

Martin/Martin Consulting Engineers



The Grant Street Pier

Vancouver, Washington
Martin/Martin Consulting Engineers



The Grant Street Pier

Vancouver, Washington

Martin/Martin Consulting Engineers



Wiikiaami

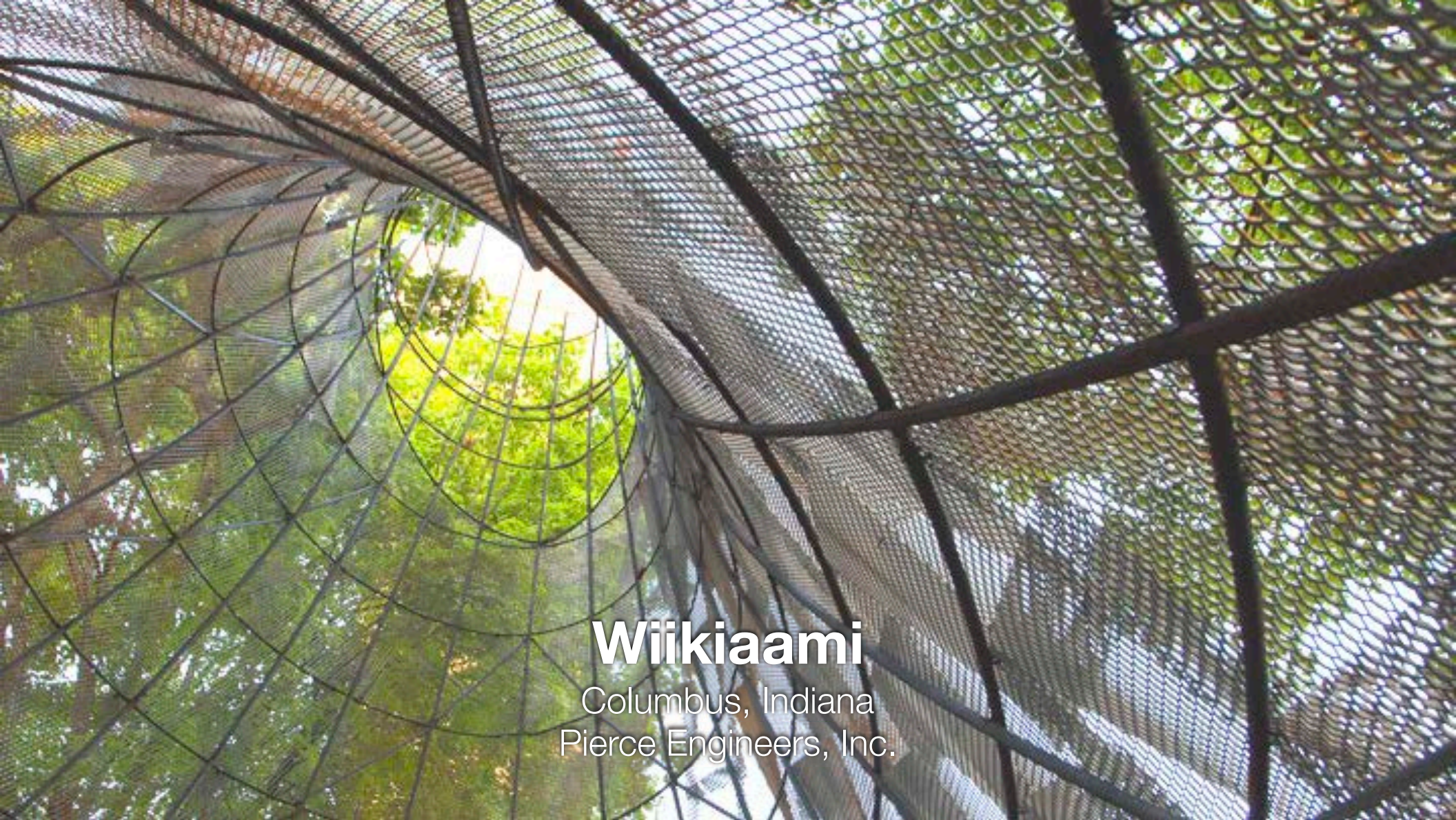
Columbus, Indiana
Pierce Engineers, Inc.



Wiikiaami
Columbus, Indiana
Pierce Engineers, Inc.



Wiikiaami
Columbus, Indiana
Pierce Engineers, Inc.



Wiikiaami
Columbus, Indiana
Pierce Engineers, Inc.



Category
New Buildings
Less Than \$20 Million

NCSEA Excellence in Structural Engineering Awards



A. Zahner Company Engineering Offices

Kansas City, Missouri

Wallace Engineering - Structural Consultants, Inc.



A. Zahner Company Engineering Offices

Kansas City, Missouri

Wallace Engineering - Structural Consultants, Inc.



A. Zahner Company Engineering Offices

Kansas City, Missouri

Wallace Engineering - Structural Consultants, Inc.



A. Zahner Company Engineering Offices

Kansas City, Missouri

Wallace Engineering - Structural Consultants, Inc.



Ocosta Elementary School and Tsunami Evacuation Tower

Westport, Washington
Degenkolb Engineers



**Ocosta Elementary School and
Tsunami Evacuation Tower**

Westport, Washington
Degenkolb Engineers

A photograph of a construction site for the Ocosta Elementary School and Tsunami Evacuation Tower. The image shows a large, multi-story concrete structure with a prominent gabled roofline. The roof is supported by a network of dark steel beams. The concrete walls are composed of large, rectangular panels. In the foreground, there is a white pickup truck on the left and a white sedan on the right. A yellow construction vehicle is visible in the middle ground. The background features a line of green trees under a cloudy sky. The overall scene is one of active construction.

Ocosta Elementary School and Tsunami Evacuation Tower

Westport, Washington
Degenkolb Engineers

Ocosta Elementary School and Tsunami Evacuation Tower

Westport, Washington
Degenkolb Engineers



The image shows a multi-story building with a mix of architectural styles. The ground floor is made of dark red brick with several windows. Above that, there are two floors of colorful panels in shades of orange, red, and yellow, with narrow vertical windows. The top floor is also brick. A curved brick tower is on the left side. In the foreground, there are cars parked on the street and a pedestrian. The sky is blue with some clouds.

St. Luke's School Expansion

New York, New York
Silman

The image shows a modern school building with a prominent curved brick tower. The tower is made of red brick and features a large, light-colored stone cross mounted on its exterior. To the right of the tower, the building's facade is composed of large, rectangular panels in shades of orange and brown. Several windows are visible, some with white frames and others with air conditioning units. The sky is blue with scattered white clouds.

St. Luke's School Expansion

New York, New York
Silman



St. Luke's School Expansion

New York, New York
Silman



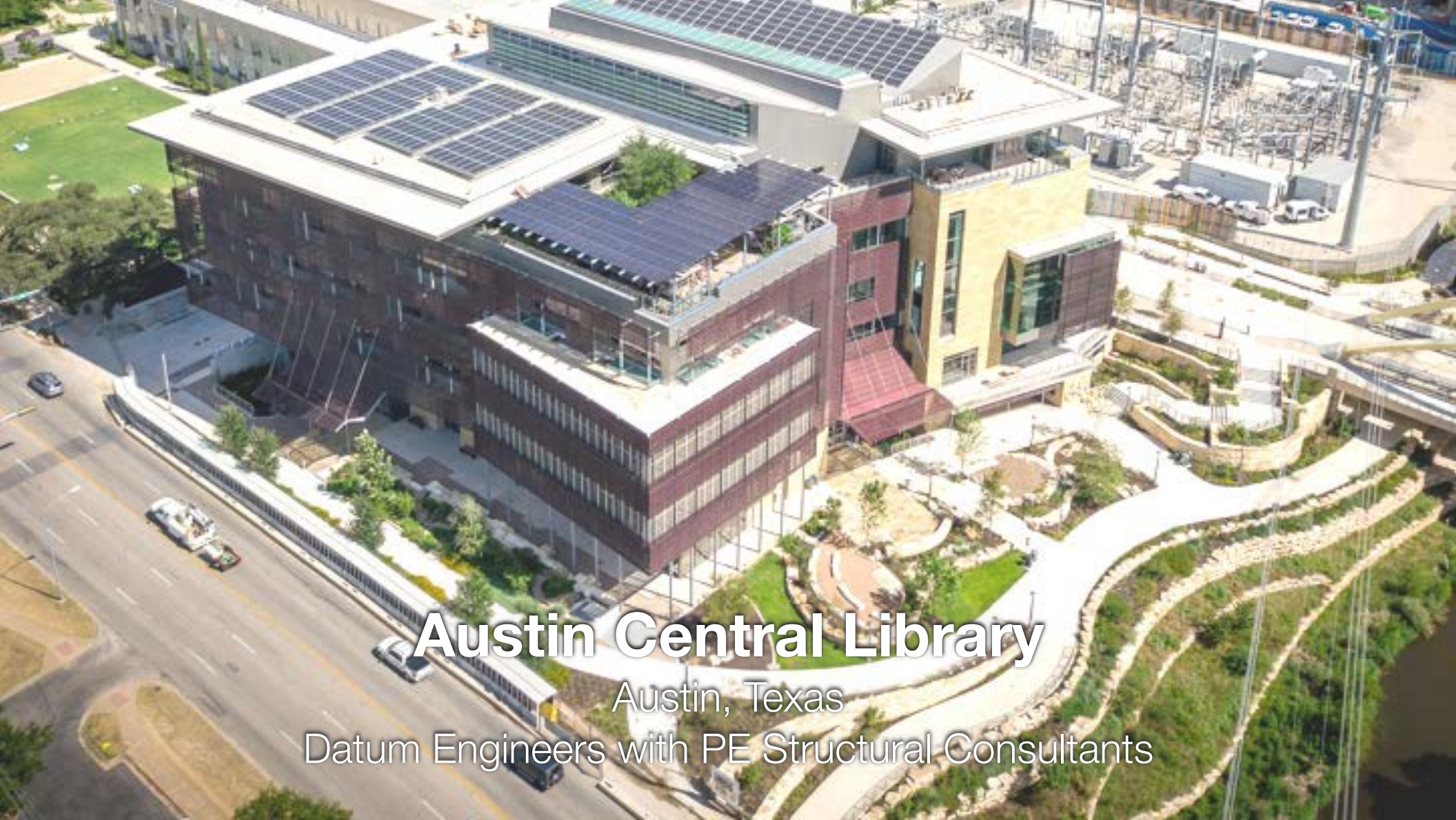
St. Luke's School Expansion

New York, New York
Silman



Category
New Buildings
\$20 Million to \$100 Million

NCSEA Excellence in Structural Engineering Awards



Austin Central Library

Austin, Texas

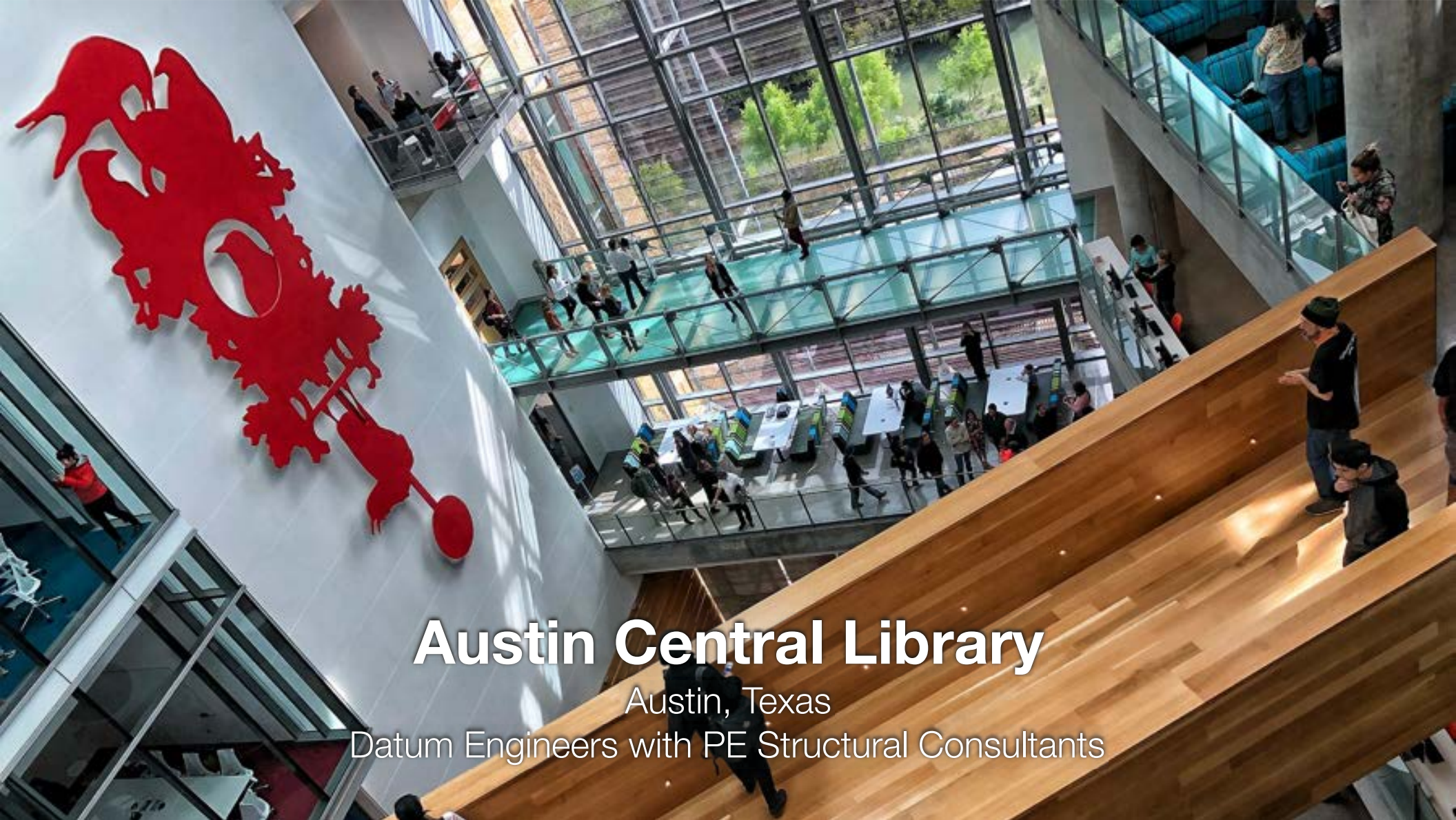
Datum Engineers with PE Structural Consultants



Austin Central Library

Austin, Texas

Datum Engineers with PE Structural Consultants



Austin Central Library

Austin, Texas


Datum Engineers with PE Structural Consultants

A modern, multi-story building with a mix of materials including light-colored stone, dark wood slats, and large glass panels. The building has a prominent glass facade on the right side and a dark wood slat facade on the left. A person is walking on a paved path in the foreground, and there are trees and landscaping around the building. The sky is blue with some clouds.

Austin Central Library

Austin, Texas


Datum Engineers with PE Structural Consultants

A photograph of the Bahá'í Temple of South America in Santiago, Chile, at dusk. The temple is a large, white, dome-shaped structure with a complex, geometric, lattice-like facade. It is illuminated from within, creating a warm glow. The temple is reflected in a large, calm body of water in the foreground. In the background, a hillside is visible on the left, and a city skyline is visible on the right under a twilight sky.

Bahá'í Temple of South America

Santiago, Chile


Simpson Gumpertz & Heger



Bahá'í Temple of South America

Santiago, Chile

Simpson Gumpertz & Heger

The image shows the Bahá'í Temple of South America in Santiago, Chile, during the twilight hours. The building's most striking feature is its large, curved, metallic facade, which is intricately patterned with a complex, geometric lattice of dark lines. The structure is illuminated from within, casting a warm glow that contrasts with the deep blue of the evening sky. In the foreground, a glass-enclosed entrance area is visible, where several people are gathered. The background reveals a panoramic view of the city of Santiago, with its lights beginning to twinkle as the sun sets. The overall composition is a low-angle shot, emphasizing the scale and unique architectural form of the temple.

Bahá'í Temple of South America

Santiago, Chile

Simpson Gumpertz & Heger



Bahá'í Temple of South America

Santiago, Chile

Simpson Gumpertz & Heger



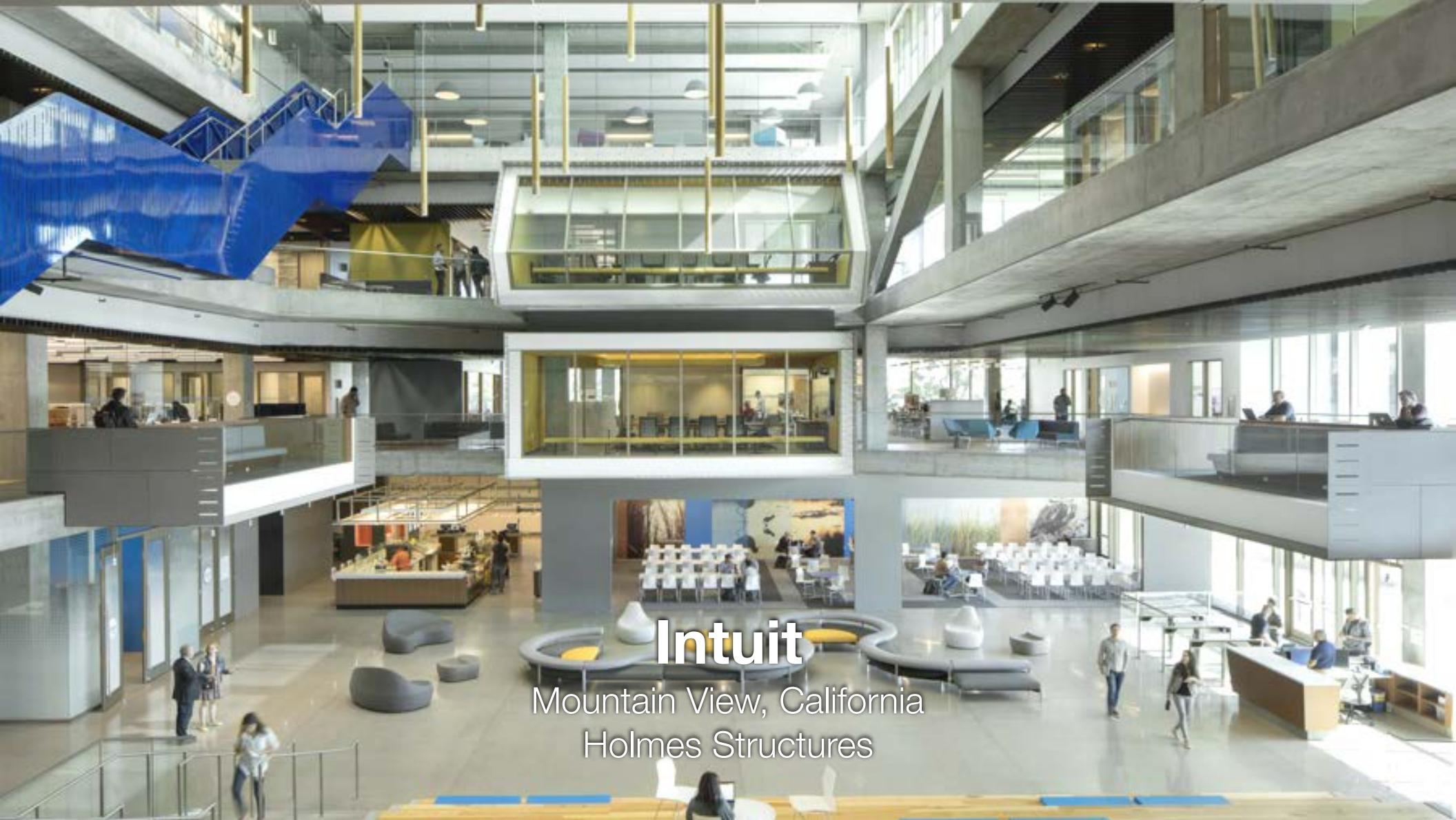
Intuit

Mountain View, California
Holmes Structures



Intuit

Mountain View, California
Holmes Structures



Intuit

Mountain View, California
Holmes Structures



Intuit

Mountain View, California
Holmes Structures



Category
New Buildings
More than \$100 Million

NCSEA Excellence in Structural Engineering Awards



King Abdulaziz International Airport

Jeddah, Saudi Arabia

Arup



King Abdulaziz International Airport

Jeddah, Saudi Arabia

Arup



King Abdulaziz International Airport

Jeddah, Saudia Arabia

Arup



King Abdulaziz International Airport

Jeddah, Saudi Arabia

Arup



Salesforce Tower

San Francisco, California

Magnusson Klemencic Associates



Salesforce Tower

San Francisco, California
Magnusson Klemencic Associates



Salesforce Tower

San Francisco, California
Magnusson Klemencic Associates



Salesforce Tower

San Francisco, California
Magnusson Klemencic Associates

A photograph of a modern, multi-story building with a central glass-enclosed structure, illuminated at dusk. The building features a grid of windows and a prominent, illuminated, diamond-patterned metal structure in the center. The foreground shows a green lawn and trees.

University of Texas Engineering Education and Research Center

Austin, Texas

Datum Engineers/Datum Gojer Engineers



University of Texas Engineering Education and Research Center

Austin, Texas

Datum Engineers/Datum Gojer Engineers



University of Texas Engineering Education and Research Center

Austin, Texas

Datum Engineers/Datum Gojer Engineers



**University of Texas Engineering Education
and Research Center**

Austin, Texas

Datum Engineers/Datum Gojer Engineers



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