



ACEC Indiana

ENGINEERING EXCELLENCE AWARDS

Thursday, March 5, 2020
Indianapolis Marriott North Hotel

ACEC Indiana

ACEC Indiana was founded in 1959 to establish a unified voice for consulting engineers in Indiana. ACEC Indiana and its member firms are dedicated to:

- establishing and maintaining the highest standards of technical performance and professional practice;
- encouraging continuing professional and technical achievement among all engineers;
- developing a greater understanding of the practice of consulting engineering by the public; and
- performing public services that are beneficial to society.

ACEC Indiana is your liaison with state and local agencies

ACEC Indiana maintains close contact with state and local agencies through committees that meet on a regular basis. We keep you up-to-date on issues that can impact your ability to do business in Indiana.

ACEC Indiana protects your interests in the Legislature

ACEC Indiana monitors and acts on legislation that impacts your business in a direct, effective and professional manner by our full-time lobbyists during the legislature and throughout the rest of the year.

ACEC Indiana promotes QBS

ACEC Indiana and many other organizations work with state and local officials to assist them in selecting professional services. QBS Indiana engages in regular outreach efforts and promotes the process to municipalities.

ACEC Indiana sponsors awards and scholarships

ACEC Indiana believes in rewarding excellence among our peers through the annual Engineering Excellence Awards competition. It also pools its resources to offer scholarships in a meaningful amount to talented college students.

ACEC Indiana sponsors seminars, conferences and workshops

Annual conferences, membership meetings, Engineering Leadership Program, forums, seminars and workshops offer our members the opportunity to come together to discuss matters of common concern.

ACEC Indiana supports an annual directory app

ACEC Indiana's membership directory is available online and for download in the Android and Apple App Stores to use as a reference when selecting consulting engineering firms for public and private projects.

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Engineering Excellence Awards

The Engineering Excellence Awards are presented annually by ACEC Indiana to recognize engineering achievements, which demonstrate the highest degree of merit and ingenuity, by Indiana consulting engineering firms.

Entries are judged on the basis of engineering excellence, which includes: uniqueness and originality; future value to the engineering profession; social, economic and sustainable design considerations; complexity; and exceeding the owner's/client's needs.

The level of awards presented:

Grand Project Award is the highest honor bestowed. It recognizes an outstanding engineering achievement that demonstrates the utmost degree of merit and ingenuity. The winning project is chosen from amongst the Honor Awards and eligible for entry in the ACEC National Competition.

Honor Awards showcase the engineering achievements based on criteria, such as uniqueness and originality, technical complexity, social and economic value, and public awareness. Winning projects are also eligible for entry in the ACEC National Competition.

Merit Awards are presented for projects that deserve special recognition for engineering excellence that meet the needs of the client and benefit the public welfare.

State Finalists recognize those entries that demonstrate initiative and ingenuity in the field of engineering.

The Grand Project
Award Winner is
selected from the
Honor Awards and
announced at a
special ceremony on
March 5, 2020.

Please visit
www.acecindiana.org
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for the reveal!



HONOR AWARD

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BULLDOG PARK | *Crown Point*

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WINNING CLIENTS!

STATE FINALIST



15TH STREET RECONSTRUCTION
& BRIDGE REPLACEMENT OVER
CSX RAILROAD

Daviess County



MERIT AWARD

SUGAR CREEK WATER
TREATMENT SYSTEM &
WELLFIELD IMPROVEMENTS

Lebanon Utilities

HONOR AWARDS

Firm: Butler, Fairman & Seufert, Inc.
Project: Bulldog Park
Owner: City of Crown Point, Indiana



The City of Crown Point recognized the need to enhance recreational and cultural opportunities for citizens and visitors alike. With a combination of funds from its Redevelopment Program and a generous donation from the Dean White Foundation, the City acquired a vacant 2.5-acre site one block from City Square and developed Bulldog Park.

Bulldog Park includes new recreational facilities, such as the splashpad, amphitheater with lawn seating, and covered NHL-sized ice rink for both hockey games and public skating. It also improves previous programs and facilities: the community rooms in the new Recreation Center replace the old Civic Center meeting rooms, and the covered rink area will serve as the local festival and Farmer's Market space, which previously required the closing of the City Square.



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HONOR AWARDS

Firm: CHA Consulting, Inc.
Project: Cass Adams CSO Relief Sewer
Owner: Evansville Water and Sewer Utility



The City of Evansville's Integrated Overflow Control Plan (IOCP) addresses water quality in the Ohio River. One major control measure is restoring Bee Slough, a large open concrete-lined swale conveying most of Evansville's combined sewer overflows. The Cass Adams Relief Sewer was the first project within Bee Slough intended to provide 100% CSO control. New drains direct CSO flow to the East Wastewater Treatment Plant through 5,000 feet of 60-inch relief sewer and a dewatering pump station. The sewer is maintained by a large retaining wall stained bronze and adorned with architectural reveals and lighting. In remedying CSOs while beautifying the area, this project signifies the City's commitment to using the IOCP for more than water quality mitigation.

HONOR AWARDS

Firms: **Butler, Fairman & Seufert, Inc. and
United Consulting**

Project: Central Avenue Bridge over Fall Creek-
Indianapolis, Indiana

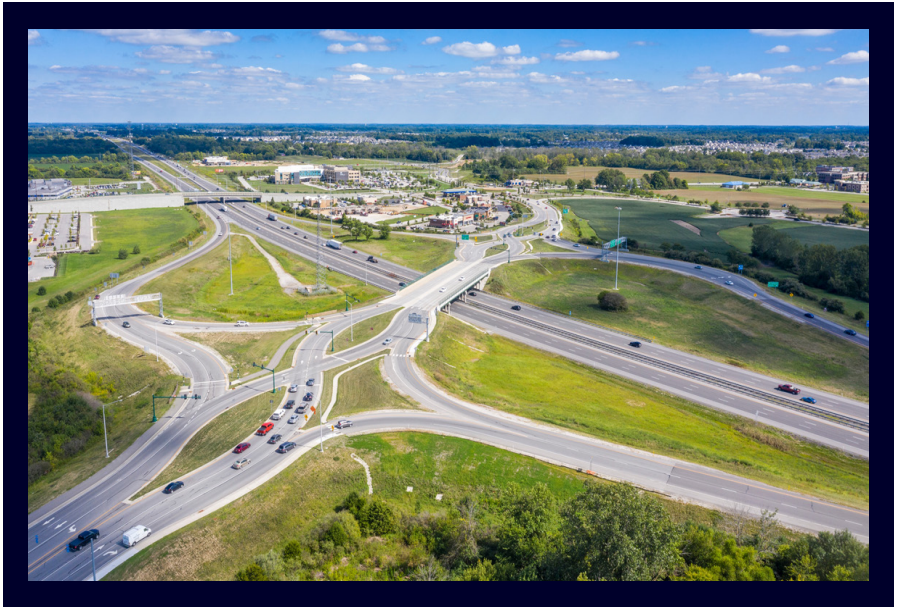
Owner: Indianapolis Department of Public Works



The Central Avenue Bridge is a character defining feature of the historic Indianapolis Parks and Boulevard System. The structure was originally built in 1899 and set the tone for four additional bridges to be constructed along Fall Creek Parkway. Over the course of a century, the bridge had critically deteriorated. Its unique stone arches, railings, and spandrel walls had weakened to the point that replacement was required. The team of Butler, Fairman and Seufert, Inc. and United Consulting formulated a distinctive plan to replace the bridge while preserving many of the more unique characteristics. The bridge's historical significance required expert craftsmanship from the design and inspection team to ensure the bridge remained an integral component of Indianapolis's cultural landscape.

HONOR AWARDS

Firm: United Consulting
Project: I-69 Major Moves 2020 Expansion Project
Owner: Indiana Department of Transportation



The Design-Build Best Value contract to I-69 created an added travel lane in each direction to the median between State 37 Road (Exit 205) and State Road 38 (Exit 219) and a southbound lane along the shoulder between 116th Street and the new interchange at the 106th Street exit ramp. The I-69 and Campus Parkway was converted from a traditional diamond to diverging diamond interchange. The project widened and rehabilitated five twin bridges on I-69 and reconstructed three overpass bridges.



HONOR AWARD



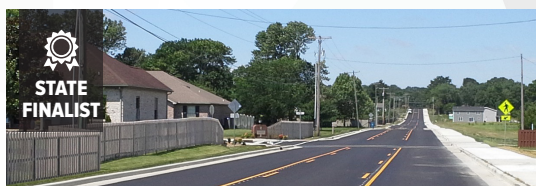
Noblesville WWTP Phosphorus Removal & Aeration Improvements
NOBLESVILLE, INDIANA

**THANKS TO OUR CLIENTS FOR THE
OPPORTUNITY TO WORK ON THEIR
AWARD-WINNING PROJECTS!**



**MERIT
AWARD**

**Margaret Avenue Phase III –
14th Street to 25th Street**
TERRE HAUTE, INDIANA



**STATE
FINALIST**

**Vanderburgh County Capital
Improvement Plan and Program**
VANDERBURGH COUNTY, INDIANA



**MERIT
AWARD**

**Indianapolis Stormwater
Program Management**
INDIANAPOLIS, INDIANA



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HONOR AWARDS

Firm: American Structurepoint, Inc.
Project: Noblesville WWTP Phosphorus Removal & Aeration Improvements
Owner: City of Noblesville Utilities Department



The City of Noblesville was mandated by a new NPDES permit to remove phosphorus to a level of 1.0 ppm in the effluent. American Structurepoint recommended a biological phosphorus removal treatment process that is innovative in Indiana. The team designed modifications to the aeration process to create anaerobic mixed zones to promote biological phosphorus removal. It includes a chemical phosphorus system as a polishing step (when necessary) and as a backup to the biological treatment process. A new control system was designed to adjust the chemical feed based on the effluent phosphorus concentration. The design replaced centrifugal blowers and leaking buried air mains with new energy-efficient turbo blowers and above-ground stainless steel piping and included dissolved oxygen control to optimize blower utilization.



Promenade
Park



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HONOR AWARDS

Firm: Engineering Resources, Inc.
Project: Riverfront Fort Wayne, Promenade Park
Owner: Board of Park Commissioners,
City of Fort Wayne

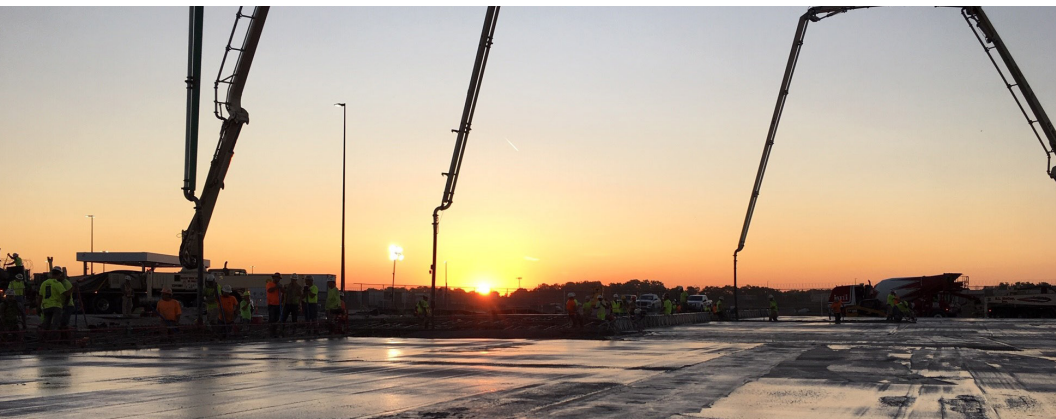


The City of Fort Wayne had studied riverfront development options for many years. The goal was to reunite city residents with the reason Fort Wayne was founded in this location, the three rivers.

Riverfront Fort Wayne, Promenade Park is the first phase of implementation. The park includes an urban edge on the south bank, and a more natural experience on the north. The variable height of the south seawall allows for river boat access during fluctuating water levels. The north seawall accommodates small watercraft and kayaks. The north side also includes a tree canopy trail walk and playground. The south park has a year-round pavilion building, bandshell and water feature for children to interact with flowing water.



Wessler Engineering congratulates the Indianapolis Airport Authority on having its Stormwater and Deicing Capacity Projects recognized with an Engineering Excellence Award by the American Council of Engineering Companies of Indiana.



HONOR AWARDS

Firm: Wessler Engineering
Project: Stormwater and Deicing Capacity Projects
Owner: Indianapolis Airport Authority



The Indianapolis Airport Authority's Stormwater and Deicing Capacity Projects is a \$150M fast-tracked project that enabled continued expansion at Indianapolis International Airport (IND). Primary objectives of the project were to provide conveyance, storage and management of stormwater and deicing runoff from existing and planned development areas and relocate the existing 43 MG facility from the north side to the south side of I-70. The project needed to allow for stormwater to be discharged in accordance with IND's NPDES permit to the appropriate location - a stream when clean and the sanitary sewer system when deicing. Time-tested technologies were applied in new and innovative scenarios to discharge stormwater to the desired location and meet the objectives to coincide with IND's expansion.



Congratulations 2020 ACEC Award Winners!

We congratulate INDOT Greenfield District on the success of this transformative project and are proud to be recognized alongside them.

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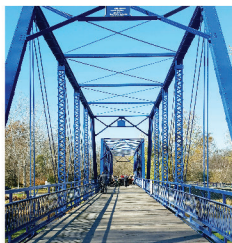
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HONOR AWARDS

Firms: Clark Dietz, Inc. and First Group Engineering
Project: US 27 and US 40 Pavement Replacement in Richmond
Owner: INDOT Greenfield District



As part of Governor Holcomb's Next Level Road Initiative, INDOT Greenfield District replaced the pavement on US 27 and US 40 through Richmond, IN. This project included construction of 8 lane miles of pavement, 5 miles of sidewalks, 9 miles of storm sewers, 2 miles of water main, and 140 ADA curb ramps. A horizontal curve was corrected on US 27 as a safety improvement, and 12 traffic signals were replaced with wireless interconnect installed.

Especially noteworthy is that the project was the first INDOT project to use precast concrete pavement panels. Eleven hundred precast panels were installed, after approval by the Federal Highway Administration (FHWA) as an experimental feature studied for use on other projects.

MERIT AWARDS

Firm: VS Engineering, Inc.
Project: 106th Street Force Main Extension I-69 to Cheeney Creek WWTP
Owner: Water Quality Division, Public Works Department, Fishers, Indiana



The project included over 15,400 linear feet of 30-inch and 36-inch force main to convey wastewater from an adjacent private utility directly to the City's wastewater plant for treatment while freeing up volume in the City's collection system for ongoing development and redevelopment. To add functionality and redundancy, interconnections with three additional regional lift stations were included to allow for maintenance and operational flexibility to maximize efficiency of flow and minimize energy required to convey

flows to the plant. New channels and screens were added in the influent building at the plant to receive the new force main and add redundancy to the treatment process. Storm drainage improvements and widening of 106th Street add benefits visible to the public.

Firm: VS Engineering, Inc.
Project: Cedar Ford Covered Bridge
Owner: Monroe County



The project consists of recreating a covered bridge in Monroe County while utilizing existing members from a historic covered bridge that was built by the Kennedy Brothers in 1885 in Shelby County. The bridge was designed to meld new technologies with old, using modern day concrete abutments, metal standing seam roof and cutting edge fire retardant alongside historic methods to construct the Burr Arch.

This project also realigned Maple Grove Road and provided a connection across Beanblossom Creek that hadn't existed previously, providing more direct access to parts of Monroe County. There is an on-site environmental mitigation site which creates opportunity for plant and animal habitat that the public can enjoy.



MERIT AWARDS

Firm: Lochmueller Group, Inc.
Project: Cleveland Road Reconstruction
Owner: St. Joseph County

Cleveland Road's one-mile-long reconstruction featured an opportunity for St. Joseph County and the design team to retrofit existing fracture-prone details present on the steel superstructure of St. Joseph Bridge 212 eliminating the need for costly additional inspections and also addressing 5,500 feet of decaying concrete pavement through a total replacement of the roadway.



Stormwater drainage from Cleveland Road was rerouted .75 miles west to the St. Joseph River in an effort to preserve the cool temperatures for the local trout population in Juday Creek.

This reconstruction presented opportunities to enhance pedestrian facilities. Improvements were made to increase the roadway's 5-foot sidewalk to a 10-foot-wide multiuse trail to improve safety and connect this trail to two other trail networks.

Firm: GAI Consultants, Inc.
Project: Dupont Road Improvement Project, Fort Wayne, Indiana
Owner: City of Fort Wayne, Indiana

The nearly two-mile Dupont Road project included the expansion of the roadway from two to four lanes, plus turn lanes, to access neighborhoods and businesses. Additionally, the project added sidewalks and trails connecting residents and businesses, new ADA ramps and crosswalks, new traffic and pedestrian signals, decorative lighting and landscaping, stormwater management updates including larger pipes, and new water mains to increase capacity.



A standout facet of the project is a pedestrian/bicycle underpass that offers users continuous access to the popular Pufferbelly Trail. The trail was previously interrupted by the Dupont Road vehicle lanes without a nearby safe crossing opportunity. The structure's walls feature a landscaped, stepped design that adds an attractive visual element at the project area's center point.

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CONGRATULATIONS TO THIS YEAR'S ACEC AWARD WINNERS!



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MERIT AWARDS

Firm: Beam, Longest and Neff
Project: Dwight D. Eisenhower Veterans Memorial Bridge Replacement
Owner: Madison County Board of Commissioners



BLN designed the replacement of the existing 730-foot long, 10-span, pre-stressed concrete I-beam bridge with a new 700-foot long, 6-span, semi-integral, pre-stressed concrete U-beam bridge carrying Eighth Street over the White River. The replacement bridge provided four 12-foot travel lanes, two 5-foot outside shoulders, two 1-foot inside shoulders, and an 8' raised concrete median to separate traffic, all bordered by 6-foot sidewalks with interior and exterior bridge railing for a total

bridge width of 76'-8". The project included reconstruction of 700' of Eighth Street, 400' of pedestrian trail, and reconstruction of the Madison County Jail access road and ramp. LED traffic signals and bridge and trail lighting were included to enhance safety and visibility. MSE retaining walls and soldier pile retaining walls were constructed to facilitate phased construction, reducing construction time and impact. The project also included relocation of 200' of 24-inch water main beneath the White River and levee. An abandoned building was removed, and trees planted for environmental mitigation.

Firm: American Structurepoint, Inc.
Project: Indianapolis Stormwater Program Management
Owner: Indianapolis Department of Public Works

Since 2017, American Structurepoint has provided program management services for an approximate \$37 million annual stormwater program for the Indianapolis Department of Public Works. The program involves planning and implementing a stormwater master plan and capital improvement plan in a manner that moves the City's stormwater infrastructure investments forward. Components include all aspects of program management and oversight; capital planning, design, and construction management; regulatory agency coordination; program controls and financing; public outreach coordination and representation; and a myriad of technical and administration services. Program management ranges from right-of-way easement acquisition assistance, construction and construction inspection management, capital improvement program (CIP) planning, stormwater master planning, operations planning and coordination, and tasks needed to manage and implement projects for dams, levees, culverts, and neighborhood stormwater drainage improvement projects.



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Lawrenceburg Civic Park

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MERIT AWARDS

Firm: Strand Associates, Inc.
Project: Lawrenceburg Civic Park
Owner: City of Lawrenceburg

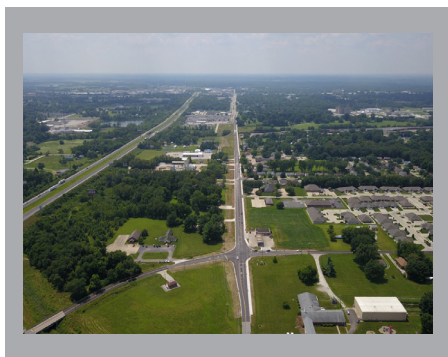
In an area that used to be two paved parking lots, the City of Lawrenceburg has created its new Civic Park, complete with a state-of-the-art performance stage and sound system, screen and rear-projection television, public family restroom and green room, splash pad, public Wi-Fi, and large greenspaces for outdoor entertainment and relaxing. The park and stage serve as the signature piece for the City's "Music on the River" concert series.

The park enhances and activates the City's unique downtown district, drawing crowds from the tri-state area. It was strategically placed to connect and revive the areas near Short and High Streets. Strand Associates, Inc.® led a diverse team in planning, designing, and implementing this Civic Park project.



Firm: American Structurepoint, Inc.
Project: Margaret Avenue Phase III - 14th Street to 25th Street
Owner: City of Terre Haute

Margaret Avenue provides critical east-west mobility from State Road 41 to State Road 46. The corridor study called for the reconstruction of Margaret Avenue from 14th Street to 25th Street named Margaret Avenue Phase III. Margaret Avenue Phase III reconstructs the aforementioned segment and includes a railroad grade separation over an existing CSX railroad near 19th Street. The project included two through lanes (one each direction) with a two-way left-turn lane (TWLTL), curb-and-gutter, and two infiltration ponds to accommodate drainage. The bridge over the CSX railroad alleviated an existing traffic queuing problem at this heavily used railroad crossing. Additionally, the project provides improved traffic capacity, sidewalk facilities, roadway drainage, and pedestrian safety.





Congratulations to the **City of South Bend, Indiana** for winning a Merit Award as an outcome of your wastewater treatment plant improvements. Arcadis is honored to be a part of South Bend's efforts to improve quality of life and collaborate with innovative people to create exceptional and sustainable outcomes.

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MERIT AWARDS

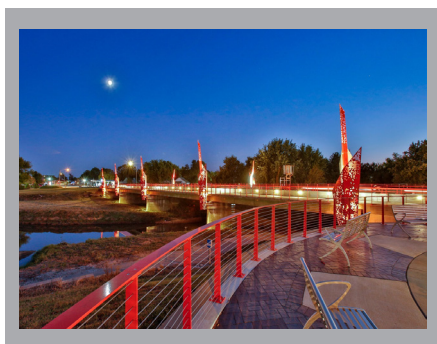
Firm: Arcadis U.S., Inc.
Project: South Bend WWTP Secondary Treatment Improvements
Owner: City of South Bend



Through progressive City leadership and creative engineering, the South Bend WWTP Secondary Treatment Improvements project was a major step towards maximizing flow through the existing plant (77 million gallons per day peak flow) to address the City's wet weather issues as required by their Combined Sewer Overflow Long Term Control Plan (CSO LTCP) and also to improve their current operations, all while facing limited space and funding constraints.

This project involved a collaborative approach between the City and Arcadis to find hidden capacity within the existing secondary treatment system to ready the plant for future peak flow (100 mgd) and improve operating efficiencies. The objectives were met and outcomes to date have exceeded expectations.

Firm: United Consulting
Project: State Street Connection
Owner: City of Columbus



The State Street Connection Project serves as an initiative to encourage economic growth and development within East Columbus by reconnecting it with Downtown Columbus.

The project created a wider side path along the north side of State Street from Central Avenue to Mapleton Street and also included significant architectural enhancements to the Haw Creek Bridge, the incorporation of new greenspaces, and the addition of sculptural elements along the path.

Consistent with the City's branding scheme, the sculptural elements and crosswalks incorporate the Dancing Cs. A new gateway feature was constructed at the intersection of Central Avenue, delineating the entrance into East Columbus and providing an upgraded connection to the Columbus People Trail.

MERIT AWARDS

Firm: **Butler Fairman & Seufert, Inc.**
Project: Sugar Creek Water Treatment Plant and Wellfield Improvements
Owner: Lebanon Utilities

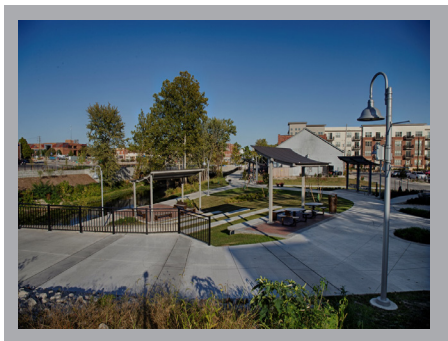
Lebanon Utilities completed a multi-phase Guaranteed Savings Contract project aimed at enhancing the reliability of the Sugar Creek WTP and Wellfield which provide approximately 80 percent of the potable water for over 16,000 customers in the City of Lebanon. A water system risk and resilience assessment identified outdated electrical equipment at the WTP and aging raw water and electrical lines within the Wellfield as two of the most critical threats to the goal of reliably providing safe drinking water. The first phase included the construction of a new electrical room and electrical equipment, WTP generator, and system control upgrades. The second phase included the construction of new electrical lines, a generator, and raw water lines within the Wellfield.



Firm: **Hanson Professional Services Inc.**
Project: Wildcat Creek Walk of Excellence
Owner: City of Kokomo

The Wildcat Creek Walk of Excellence is a recreational trail that weaves through eight blocks of the heart of Kokomo, Indiana. The city of Kokomo chose Hanson to lead this project from conceptual design through construction. Hanson used an innovative approach

— virtual reality — to model the new trail, amenities and development, giving the client the confidence to move forward with this \$10 million revitalization project. The team faced challenges with the site, soil conditions, flooding concerns, environmental impacts, structural and geotechnical engineering complexities and agency coordination. By working together with the city, the team transformed an unsafe, unattractive and deteriorating industrial area into a safe, inviting and accessible trail that connects people to the city, nature and each other.



STATE FINALISTS

Firm: **Butler, Fairman & Seufert, Inc.**
Project: 15th Street Reconstruction and Bridge Replacement over CSX Railroad
Owners: Daviess County and Washington, Indiana

Daviess County Bridge 284 is an existing timber bridge over CSX Railroad. Also known as the “overhead bridge” on 15th Street in the City of Washington, it deteriorated beyond repair and required replacement. Due to its low vertical clearance, the structure had to be raised to meet the minimum railroad requirements. In addition, the current load posting did not allow for emergency vehicles to access the local hospital via this structure. This situation was extremely problematic as Bridge 284 is the only separated grade crossing in the City. Beyond the replacement of the bridge, the entire roadway was reconstructed including curbs, sidewalks and storm sewers to eliminate drainage runoff and access to the local hospital was improved.

Firm: **CHA Consulting, Inc.**
Project: Anderson Municipal Airport – Runway 12-30 Rehabilitation
Owners: Anderson Municipal Airport

Last overlaid in 1992, Runway 12-30 is the primary runway for Anderson Municipal Airport (AID), a general aviation airport servicing corporate travel in Madison County, Indiana. The Federal Aviation Authority (FAA) required the rehabilitation of the runway’s pavement as well as the correction of many non-standard conditions. In lieu of an expensive reconstruction to meet FAA standards, the rehabilitation proceeded with FAA-approved Modifications of Standards to implement non-standard changes that significantly improved the safety of the airfield. In tandem with the Runway 12-30 rehabilitation, the project also replaced the aged incandescent medium intensity runway lighting (MIRL) system with a new light emitting diode (LED) MIRL system, replaced incandescent Visual Approach Slope Indicators (VASIs) with LED Precision Approach Path Indicators (PAPIs), and replaced an aging medium-intensity approach lighting system with sequenced flashing lights (MALSF) system with a new MALSF system.

Firm: **Lochmueller Group, Inc.**
Project: Construction Engineering for Broad Ripple Canal Esplanade
Owner: Indianapolis Department of Public Works

Lochmueller Group provided construction engineering for the Broad Ripple Canal Esplanade, a 10-foot-wide multi-use path that follows the northern bank of the Central Canal from College Avenue to Guilford Avenue and links the Central Canal Tow Path to the Monon Trail. The path includes a cantilever wall and 8,000 trees, shrubs, and perennial plants. The Esplanade was planned to provide pedestrian access for the new development of an adjacent apartment building and grocery and has dramatically improved connectivity to Broad Ripple’s commercial district. The project is part of a strategic plan to balance nightlife attractions with daytime recreation and shopping activities. The Esplanade serves as an excellent example of using trails and green spaces to promote sustainable economic growth and a dispatch center.

STATE FINALISTS

Firm: Commonwealth Engineers, Inc.
Project: CSO LTCP Phase 3B/Wastewater Utility Improvements
Owner: City of Madison, Indiana

Division A – Upgrade combined sewer system to provide adequate transport and storage of wastewater during wet weather events. Two concrete facilities with automatic flushing systems and three lift stations were provided. A network of force mains and gravity relief sewers were installed in support of the collection system improvements. A section of existing gravity sewer was replaced. SSO and CSO events contained by a new control system monitoring real-time levels in the collection system to automatically divert wet weather flows to and release flows from equalization.

Division B – Provide WWTP with the ability to remove phosphorus to a level compliant to City's NPDES permit. A chemical building, chemical pumps, feed lines, chemical storage tank, and phosphorus analyzer system were installed.



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STATE FINALISTS

Firm: CHA Consulting, Inc.
Project: Lowes Way Extension
Owner: Hamilton County

The \$16M extension of Lowes Way in Carmel, Indiana, meaningfully benefits the community. Built in 2002 as an off-ramp from northbound Keystone Parkway to 146th Street, Lowes Way was extended to provide drivers on 146th Street with much-needed access to southbound Keystone Parkway saving drivers precious time and fuel. Creatively financed, with design completed 15 months early, Phase I of the project added a much needed on-ramp to southbound Keystone Parkway. The highly anticipated Lowes Way extension improves network connectivity throughout Hamilton County, reduces emissions and travel times, and provides significant gas savings.

Firm: DLZ Indiana, LLC
Project: Nickel Plate Trail and Bridge over SR 931
Owner: City of Kokomo, Indiana

Construction of approximately 0.23 miles of trail and a new bridge over SR 931 in the City of Kokomo, Indiana. The trail was constructed over the old abandoned Railroad corridor.

Nickel Plate Trail Bridge over SR 931 provides a safe, non-motorized, grade separated crossing over the busy 4-lane limited access SR 931. The right of way for the Nickel Plate Trail was acquired through the rails to trails banking program. The overpass is a clear span structure to avoid obstructions within the SR 931.

This project's completion provides the final link of connectivity to Kokomo, the southern termini of nearly 40 miles of trail that now connects Kokomo to the Cities of Peru and Rochester to the north.

Firm: DLZ Indiana, LLC
Project: Progress Parkway Extension and Railroad Overpass
Owner: City of Huntingburg, Indiana

The Project is located in the City of Huntingburg, Dubois County, Indiana. The project included reconstruction and extension of approximately 0.89 miles Progress Parkway (formerly known as Styline Drive) with an 8-foot wide HMA trail, along with a new railroad overpass over the Norfolk Southern Railroad. Progress Parkway was rehabilitated along its existing alignment, from SR 64 to approximately 950 ft south of 12th Street at which point the proposed roadway was shifted east on a new alignment. The new alignment continued over the railroad tracks, connecting into the existing intersection of 14th Street and Chestnut Street. The proposed project would provide a new alternative route to bypass the existing Norfolk Southern/US 231 at-grade railroad crossing.



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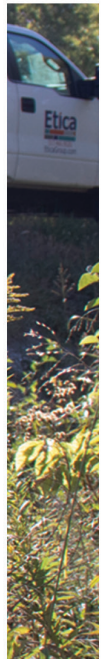
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Firm: USI Consultants, Inc.
Project: Shelby County Bridge No. 13 Relocation and Replacement
Owner: Shelby County Board of Commissioners

Shelby County's Historic Select Bridge #13 (known as Clover Ford Bridge) carried CR 875 West over Buck Creek from 1889 until 2011 when it was closed due to damages and deterioration. Efforts to replace, repair, or relocate the bridge hit a series of struggles for nearly two decades, but was "revived" with those repairs in 2019 and relocated to Blue River Memorial Park in Shelbyville, Indiana. A one-span, two-lane replacement bridge was constructed on the existing horizontal alignment, with modifications to the existing vertical alignment to improve sight distance and hydraulics. CR 700 N, intersecting CR 875 W just south of the bridge, was realigned to improve the stopping sight distance, with construction completed in June 2019.

Firm: Lochmueller Group, Inc.
Project: US 41 Corridor Management Study
Owners: INDOT Vincennes District and Evansville Metropolitan Planning Organization

A corridor management study to determine how to accommodate economic development and growth along US 41 in Evansville. The study encompassed approximately 14 miles of US 41 and 25 primary intersections between County Road 1250 (Warrenton Road) and Walnut Street. Lochmueller's Corridor Management Plan included:

- Existing Conditions Analysis Forecasted Conditions Methodology
- Forecasted Conditions Methodology
- 2045 No Build Conditions Preferred Improvement Alternatives
- 2045 Build Conditions Traffic count data, Synchro outputs, VISSIM outputs, preferred alternatives conceptual design, and Red Flag investigation summaries were included as appendices.

Traffic count data, Synchro outputs, VISSIM outputs, preferred alternatives conceptual design, and Red Flag investigation summaries were included as appendices. The Plan serves as guidance for future efforts, acting as a resource for development and/or access applications.

Firm: American Structurepoint, Inc.
Project: Vanderburgh County Capital Improvement Plan and Program
Owner: Vanderburgh County

The Vanderburgh County Transportation Capital Improvement Plan and Program (CIPP) addresses the County's infrastructure needs for the next 20 years. It encompasses 550+ miles of publicly maintained roads in the unincorporated areas of Vanderburgh County and covers all modes of transportation - motor vehicle, pedestrian, and bicycle - as well as drainage projects. The CIPP is a two-part document - a Capital Improvement Plan and a Capital Improvement Program. The Capital Improvement Plan identifies and ranks transportation improvement needs and their estimated costs covering FY 2018-2037. The Capital Improvement Program ranks the highest-priority projects recommended for implementation within a five-year period of FY 2018-2022. The commissioners use the plan to determine which projects can be funded via local, state, or federal sources

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