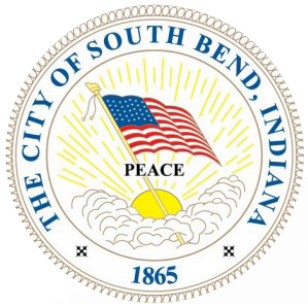


City of South Bend

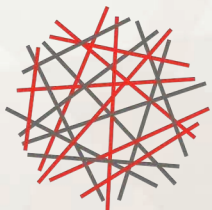
Ewing Trail

(Des # 2500053) in the LaPorte District



NOVEMBER 12, 2025

South Bend Board of Public Works
215 S. Dr. Martin Luther King, Jr. Blvd, Suite 400
South Bend, IN 46601
574-233-0311
bpwbids@southbendin.gov



HWC

ENGINEERING



Firm Overview

HWC was founded in 1989 and has offices in Hammond, Indianapolis, Terre Haute, New Albany, Lafayette, Muncie, and North Vernon.

As a full-service consulting firm, we provide transportation, landscape architecture, planning, site engineering, water, wastewater, stormwater, inspection, and survey services for both the public and private sectors.

HWC has received multiple project awards from the Indiana Chapter of American Planning Association (APA-IN), the Indiana Chapter of the American Society of Landscape Architects (INASLA), and has been recognized among the top five largest engineering firms in the *Indianapolis Business Journal*.



Firm Name

HWC Engineering (HWC)

Officer of the Firm

Terry Baker, Chairman & CEO
tbaker@hwcengineering.com
317-513-0774

Support Office

135 N. Pennsylvania Street, Suite 2800
Indianapolis, IN 46204
www.hwcengineering.com
317-347-3663

Responsible Office

2929 Carlson Drive, Suite 305
Hammond, IN 46323
www.hwcengineering.com
317-347-3663

Senior Project Manager + Main Point of Contact

Josh Grabijas, PE
Project Manager
jgrabijas@hwcengineering.com
517-304-9164

Authorized Negotiator

Scott Wilkinson, PE
Director of Transportation
swilkinson@hwcengineering.com
317-363-0731

Our Interest In Your Project

Why we want to work on the Ewing Trail.

As active civil engineers, landscape architects, and planners, we understand the value of regional projects and the importance of such projects as the Ewing Trail. We are currently leading design efforts for segments of several Statewide trail projects and would be thrilled to be a part of the next phase of this visionary trail network for Northern Indiana.



HWC recently completed a fitness trail at Offutt's Park in Connersville, Indiana

Experience + Qualifications

Our portfolio of trail planning and design projects is robust. We have worked on everything from big picture regional trail master plans, rural rails-to-trails projects, and urban pathways navigating tight downtown infrastructure. Recent bike and pedestrian master planning in Delphi, Dillsboro, and Jennings County has broadened our understanding of safe crossings and bike infrastructure.

We are also experienced with complex permitting and right-of-way issues with projects involving a large amount of property owners such as the Monon Trail widening through neighborhoods in Indianapolis and the Muscatatuck rail to trail conversion from previous CSX property in North Vernon. Additionally, we are currently navigating complex soil capping and management strategies as part of the Ohio River Greenway extension in New Albany.

Project Team

HWC Engineering **83%**

- 5.2 Environmental Document Preparation - CE
- 6.1 Topographic Survey Data Collection
- 8.1 Non-Complex Roadway Design
- 11.1 Right of Way Plan Development
- 12.2 Title Search
- 16.1 Utility Coordination

Advanced Engineering Services Inc. **10%**

- 7.1 Geotechnical Engineering Services*

WSP USA Inc. **3%**

- 12.1 Project Management for Acquisition Services

Rita Ann Gabriel & Associates, Inc. **2%**

- 12.5 Appraisal Review

Vale Appraisal Group **2%**

- 12.4 Appraisal

**Added Value*



27% Booked Annualized
INDOT Design/Inspection

73% Available Annualized
INDOT Design/Inspection



CITY OF SOUTH BEND
LAPORTE DISTRICT



Josh Grabijas, PE
SENIOR PROJECT MANAGER



Joe Bell, PE, PMP
QA/QC



Scott Kreeger, PE
DESIGN LEAD

Project Design Team

- Jason Spain, PS (HWC)
- Krish Zalavadia (HWC)
- Andrew Hildesheim, PE, MBA (HWC)
- Rylan Miller, EI (HWC)

Landscape Architecture

- Catherine Puckett, PLA (HWC)
- Deb Ashack, PLA (HWC)

Survey

- Austin Yake, PS (HWC)

Utility Coordination

- Bethany Holmes, PE (HWC)

Acquisition Services

- Pat McCallister, SR/WA (WSP)

Environmental

- David Bourff (HWC)

Title Search

- Biljana Mistic (HWC)

Geotechnical

- Akhtar Zaman, PE (AES)

Value Analysis & Appraisal Review

- Rita Ann Gabriel & Associates

Appraisal

- Vale Appraisal

Project Team



Josh Grabijas, PE

Senior Project Manager (HWC)

To ensure a successful project delivery

JOSH'S AVAILABILITY WILL BE

100% during the heavier production times

Experience and Skills

Josh has over 13 years of industry experience as a Civil Engineer and Project Manager. He has managed a wide variety of projects, including multiuse pedestrian trails, roadway rehabilitations, reconstructions, streetscapes, road diets, and bridge replacements, among others. As an analytical, self-motivated, and solutions-oriented leader, he has a history of developing proven results for many types of project improvements in local communities, including pavement deterioration, poor drainage, lack of shoulders, road realignment, and overall public safety improvements, to name a few.

Education

BS, Civil Engineering, Hope College

Relevant Experience

Trail Design

- Walker Field Connectivity, South Bend, IN
- Kitselman Trail, Muncie, IN
- Lakeshore Drive Pedestrian Trail, LaPorte, IN*
- Freedom Trail, Lowell, IN*
- Marquette Greenway Trail Phase 3, Burns Harbor RDC, Portage, IN*

Additional Design Experience

- Meridian Road Bridge Replacement, Porter County, IN
- Brummitt Road Small Structure Replacement, Porter County, IN
- 100 W Small Structure Replacement, Porter County, IN
- 750 W Small Structure Replacement, Porter County, IN
- Bridge 7 Replacement, LaPorte County, IN
- SR 1 Preventive Maintenance Overlay, Bluffton, IN
- Western Avenue Streetscape Phase 4, South Bend, IN
- Downtown Streetscape, Attica, IN
- Southshore Expansion Project, NICTD*
- Bridge 62 Reconstruction, Hebron, IN*
- Wisconsin Street Reconstruction/Bridge Replacement, Hobart, IN*
- SR 26 Road Rehabilitation, Howard County, IN*
- Bridge 150 Reconstruction and Roadway Realignment, Porter County, IN*
- Pedestrian Bridge over Cady Marsh Ditch, Munster, IN*
- CCMG Paving Projects, Munster, IN*

**Previous Employer*



Scott Kreeger, PE
Design Lead (HWC)

Experience & Skills

Scott has more than 7 years of experience in roadway project management, design leadership, and construction inspection for locally funded transportation projects. He has developed and implemented Community Crossings Matching Grant (CCMG) applications and asset management plans for multiple communities throughout Indiana. He previously served as the Roadway Engineer for the City of South Bend, Indiana where he managed and maintained the City's 491 miles of roadway infrastructure. His personal knowledge of South Bend's infrastructure, history, and City standards provides a strong foundation for delivering efficient solutions that align with the City's long-term goals for safety and pedestrian connectivity.

Education

BS, Environmental and Natural Resource Engineering, Purdue University

Relevant Experience

Trail Design

- Stellar Sidewalk Streetscape, Dillsboro, IN

Other

- SR 46 Intersection Redesign, Ellettsville, IN
- CCMG Paving Projects, Elwood, IN
- CCMG Paving Projects, Avon, IN
- CR 375 and CR 225 Reconstruction, Cass County, IN
- Bendix Drive Reconstruction North of Lathrop Road to I-80, South Bend, IN*
- School Zone Flashing Beacon, South Bend, IN*
- CCMG Projects 2018-2024, South Bend, IN*

**Previous Employer*



Catherine Puckett, PLA
Director of Landscape
Architecture (HWC)

Experience & Skills

Catherine has more than 20 years of experience. She has led a wide range of place-based design projects, including urban mixed-use, infill, redevelopment, streetscape, and public space projects for both public and private clients. She has experience working on community development projects that range in size from small pocket parks to large community public spaces. With an eye for design and compassion for both the client and end-user, she has been instrumental in the renewal and re-imaging of downtown districts in cities and towns across Indiana. By carefully implementing master plans through multi-phased, creatively funded infrastructure improvement projects, she has seen her concepts become reality.

Education

BLA, Landscape Architecture, Ball State University

Relevant Experience

Trail Planning & Design

- | | |
|--|--|
| • Walker Field Connectivity, South Bend, IN | Albany, IN |
| • Regional Trails Master Plan, Align Southern Indiana, Clark, Floyd, Harrison, Scott, Jefferson, and Washington Counties, IN | • Access for Fishing and Boating, New Albany, IN |
| • Big 4 Trail Next Level Trails Application, Zionsville, IN | • Market Street Streetscape + Plaza, New Albany, IN |
| • Trails Feasibility Study, New Albany, IN | • White River Canal District Plaza + Trail Extension, Muncie, IN |
| • Lake Salinda Trails Feasibility Study, Salem, IN | • Downtown Loop Trail, Crawfordsville, IN |
| • Monon South Freedom Trail, New Albany, IN | • Muscatatuck Trail, North Vernon, IN |
| • Monon South Freedom Trail, Floyd County, IN | • Bloor Lane Multiuse Pathway, Zionsville, IN |
| • Loop Island Wetlands Trail Improvements, New Albany, IN | • Tiger, Toyota, and Heritage Trails, Princeton, IN |
| • Silver Creek Trail, New Albany, IN | • Kitselman Trailhead Phases 1, 2, and 3, Muncie, IN |
| • Silver Creek Landing (Kayak Launch), New Albany, IN | • Crossroads Park and Trailhead, Seymour, IN |
| • Ohio River Greenway Trail Extension, New | • West Street Trail, Muncie, IN |



Joe Bell, PE, PMP
QA/QC (HWC)

Education | BS, Civil Engineering, University of Kentucky

- 17+ years of experience as a Lead Designer, Project Manager, and Team Leader for federal, state, and locally funded transportation projects and programs in Indiana
- HWC's Roadway Department Manager for three and a half years



Jason Spain, PS
Design (HWC)

Education | BS, Construction Civil Technology, Purdue University

- 25+ years of experience
- Land Surveyor and Project Manager with an array of experience that includes the design, development, and management of municipal, recreational, and commercial projects



Krish Zalavadia
Design (HWC)

Education | BS, Civil Engineering, Purdue University Northwest

- 1+ year of experience in the engineering industry
- Experience with various software including AutoCAD, Civil 3D, and Revit
- Completed the design of various roadways, water mains, and storm sewers



Andrew Hildesheim, PE, MBA
Design (HWC)

Education | MBA, General Business, University of Pikeville; BS, Business Science, University of Louisville

- 10+ years of experience with managing project deliverables, coordinating subconsultants, and leading multidisciplinary task teams on successful project completion



Rylan Miller, EI
Design (HWC)

Education | BS, Civil Engineering, Rose-Hulman Institute of Technology

- 2+ years of experience in onsite measurements and tracking, evaluating plans, coordination and communication with clients, contractors, and community members, permitting, and maintenance of traffic design



Deb Ashack, PLA
Landscape Architecture (HWC)

Education | BLA, Landscape Architecture, Ball State University

- 16+ years of experience in landscape architecture
- Led landscape architecture design on the Walker Field Connectivity project
- Experience with site planning, parks, mixed-use developments, and retail environments



Austin Yake, PS
Survey (HWC)

Education | BS, Surveying Technology, Vincennes University; AS, Surveying Technology, Vincennes University

- 22+ years of experience as a Survey Party Chief, Senior Project Surveyor, Project Manager, and Land Surveyor
- Extensive survey and project management experience



Bethany Holmes, PE
Utility Coordination (HWC)

Education | BS, Civil Engineering, Rose-Hulman Institute of Technology

- Experience in roadway design and utility coordination
- Her dual experience provides technical solutions for utility-related conflicts that arise during projects



David Bourff
Environmental (HWC)

Education | BS, Environmental Science and Management, Indiana University

- 24+ years of industry experience for NEPA and transportation-related projects, which included environmental compliance, due diligence, quality control, and preparation of environmental studies



Biljana Misic
Title Search (HWC)

Education | AGGF, Geodesy, University of Banja Luka

- 10+ years of experience in survey and right-of-way projects for road improvements, culvert replacements, drainage improvements, and bridge repairs



Pat McCallister, SR/WA
Acquisition Services (WSP)

Education | AS, Applied Sciences, Vincennes University

- 30+ years of industry experience and 18 years of experience managing right-of-way acquisition projects for INDOT and LPAs



Akhtar Zaman, PE
Geotechnical (AES)

Education | MS, Civil Engineering, Texas Tech University; BS, Civil Engineering, BUET

- 30+ years of experience in geotechnical engineering
- Has worked on various types of projects, including roads, highways, bridges, railroads, ports, power plants, automobile assembly plants, and water and wastewater treatment facilities
- Experienced in environmental consulting and construction materials testing operation

Project Approach

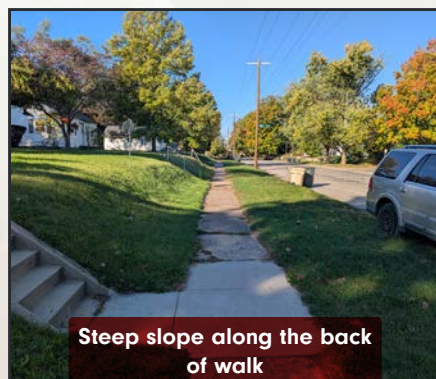
In general, our method for the design of the W. Ewing Avenue Reconstruction and Trail from Olive Street to Gertrude Street consists of two distinct parts. The first part consists of preliminary engineering and scoping. This part is intended to identify a preferred alternative and minimize impacts to the project schedule from right-of-way needs, permitting requirements, or utility coordination. The second part of the project consists of preparing detailed construction documents, permitting, R/W acquisition, and construction of the new roadway and trail as identified in Part 1. The scope of services proposed for Part 1: Preliminary Engineering and Scoping is listed below.

TASK 1: ON-SITE REVIEW OF EXISTING CONDITIONS

- HWC completed a site visit on October 16, 2025 to identify potential conflicts and confirm the best location of the trail.
- HWC reviewed existing documentation from the design of South Bend Walker Field Connectivity, which is the reconstructed roadway immediately east of the current project limits. HWC designed the Walker Field Connectivity project and understands the project intent and purpose.

TASK 2: SURVEY AND ENVIRONMENTAL ANALYSIS

- Perform and review a topographic survey to confirm site observations and obtain a basis for the design of the project.
 - Includes full topographical survey from the back of the existing walk to the back of the existing walk.
 - Will obtain measurements for all drainage structures to ensure our design accommodates proper drainage.
 - Will survey all existing trees in the R/W and will minimize impacts to trees.
- Identify areas where additional property acquisition or easements may be required for trail, trailhead, and/or utility needs.
- Prepare a proposed R/W diagram and table to illustrate future R/W needs.



- Prepare a diagram to illustrate potential utility conflicts.
- Identify environmental resources and constraints along the corridor, including wetlands, floodplains, karst features, pipelines, wells, and hazardous materials concerns.

TASK 3: PRELIMINARY ENGINEERING

- Develop preliminary engineering plans to include the following:
 - Roadway reconstruction plans
 - Maintenance of traffic plans
 - Trail alignment
 - Striping plan
 - Typical sections
 - Location of trailhead amenities and parking
 - Drainage plans for reconstructed roadway
 - Spot grading for area of concern
- Initiate outreach for preliminary utility coordination.
- Attend one (1) design coordination meeting with the City and any other stakeholders (assumed up to two [2] meetings).
- Attend three (3) progress meetings with South Bend.



TASK 4: BUDGET, SCHEDULE, PERMITS

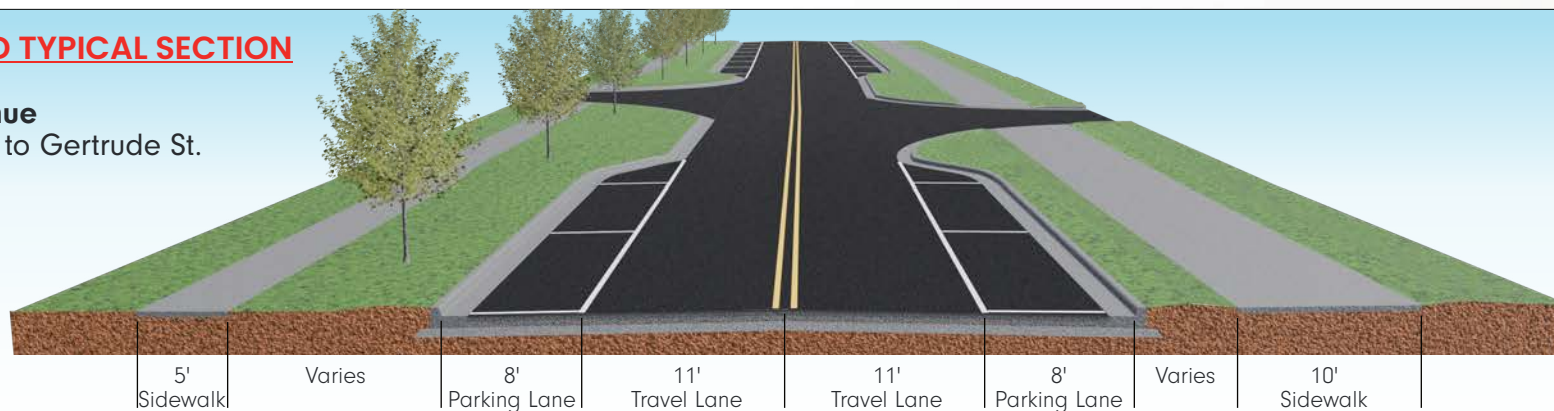
- A detailed list of permitting needs for the project will be identified, including, but not limited to:
 - IDEM Construction Stormwater General Permits
 - DNR Construction in a Floodway Permit (*not anticipated*)
 - IDEM Section 401 Water Quality Certification
 - INDOT Right-of-Way Permit
- Following completion of preliminary engineering plans, HWC will identify project elements that will cause extended project timelines, such as:
 - Utility relocation
 - Property acquisition or easements
 - Permitting
 - Funding limitations
- For each stage of the project, HWC will also prepare:
 - An opinion of probable cost
 - An updated project schedule through the rest of design and construction



PROPOSED TYPICAL SECTION

Ewing Avenue
Prairie Ave. to Gertrude St.

(Facing East)



PROPOSED TYPICAL SECTION

Ewing Avenue
Olive St. to Prairie Ave.

(Facing East)



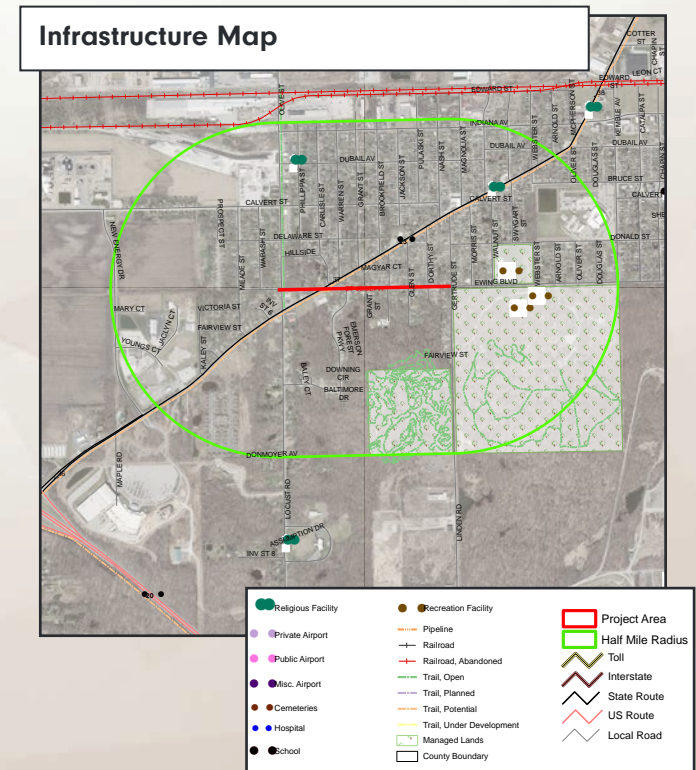
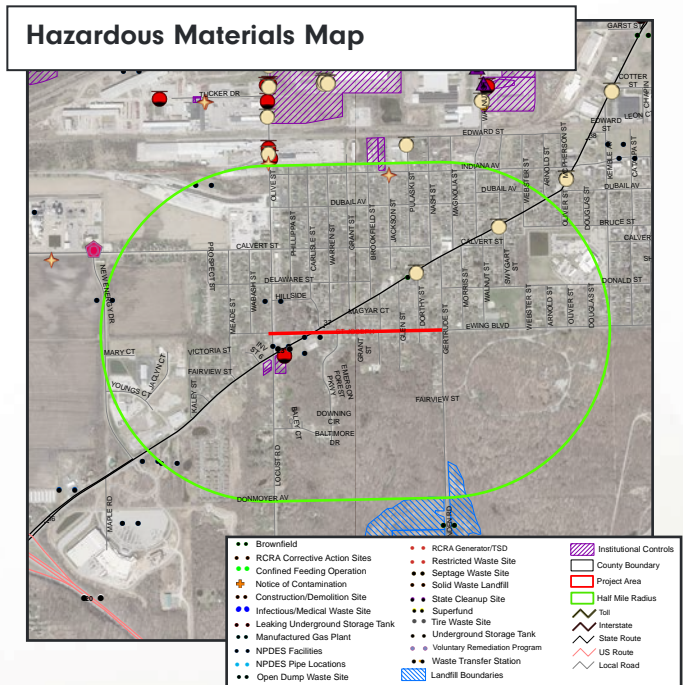
Environmental Considerations

A review for potential red flags in the project area has been completed by qualified environmental staff from HWC using IndianaMap, Indiana StreamStats, National Park Service data, and the Indiana State Historic Architectural and Archaeological Research Database (SHAARD). Environmental documentation and regulatory permits anticipated are summarized below:

- A Level 2 or Level 4 Categorical Exclusion (CE) document is anticipated for the project based on the outcome of the Section 106 process and/or impacts to an existing City park and public trail present within project limits.
- A notable historic property is located in the southwest quadrant of the Ewing/Gertrude intersection. Due to the presence of this property and the proposed scope of work, completion of the full Section 106 process will be required, with a "No Adverse Effect" or an "Adverse Effect" finding expected.
- The Rum Village Park and an existing public use trail are located within the limits of the proposed project, both of which require protection under Section 4(f). Connection of these properties will be an enhancement to their function, with impacts and/or property acquisition being avoided, if possible. Environmental staff will work closely with the design team to minimize impacts considered a "use" to reduce the need for lengthy Section 4(f) evaluations or mitigation resulting from the proposed trail development.
- New permanent R/W of 0.5 acres or more will require the opportunity for the public to request a public hearing for the project. Should a hearing be necessary, the public involvement process will be completed prior to the final approval of the CE document.
- Land disturbance meeting or exceeding 1.0 acre will require a Construction Stormwater General Permit for sediment and erosion control. Detailed construction limits will be determined during project design.

Maintenance of Traffic

The preferred construction method is to use a full roadway closure throughout construction. The posted detour will be coordinated with INDOT and is anticipated to utilize SR 23 to Sample Street to S Main Street; however, there will be numerous routes taken throughout the neighborhood by locals. If a full closure is not preferred, then construction will be completed in three phases to keep the roadway open to traffic.



Utilities & Geotechnical Considerations

UTILITIES

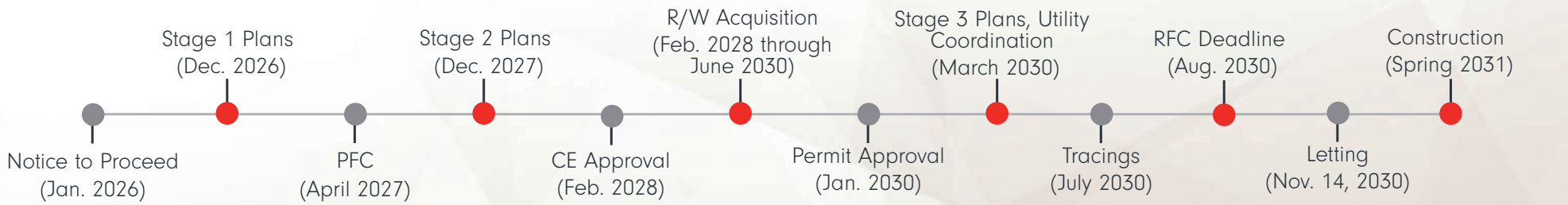
- AEP Distribution
- AT&T
- ChoiceLight
- Comcast
- South Bend Sanitary
- South Bend Water Works
- NIPSCO Gas

This segment of Ewing Trail through the Rum Village neighborhood is primarily residential, leading to numerous utility companies with facilities in the area. HWC has identified several potential utility conflicts through a preliminary site visit. Potential utility impacts include, but are not limited to, utility pole and guy wire relocation, new and/or updated storm sewer based on the proposed design and drainage patterns, and fire hydrant relocation. HWC’s own Bethany Holmes will engage all utilities as soon as the project begins and will remain in continual coordination with them throughout the design process and construction. HWC will minimize risk and project delays caused by utilities through constant utility coordination and engagement.

GEOTECHNICAL

Unknown subsurface conditions come with large risks and potential for expensive corrective action if not properly identified during the design process. HWC has included AES on our team to provide subsurface exploration and design recommendations based on the findings for the proposed roadway reconstruction. The presence of existing retaining walls and steep slopes adjacent to the public R/W may also require further geotechnical review if the new trail cannot be constructed without affecting the walls and slopes. Akhtar Zaman and his team will provide geotechnical services to avoid costly change orders during construction.

Project Schedule



Relevant Experience



Fall Creek Trail Indianapolis, IN

HWC designed the Fall Creek Trail Extension Project. The trail is a shared-use path running from Skiles Test Park to Fort Benjamin Harrison Park in Indianapolis.

The 10'-wide path winds along the scenic Fall Creek corridor and includes portions of trail within the floodway, allowing trail users to experience the flowing waters of the creek.

Work included construction of a sidewalk across the Shafter Road Bridge, which provided a critical connection to Fort Benjamin Harrison State Park.

Project design included coordination with community partners, including the Boy Scouts of America Crossroads Council, the Indiana Department of Transportation, and the Indiana Department of Environmental Management.



Silver Creek Trail New Albany, IN

HWC provided survey, design, and construction services for the new Silver Creek Landing and Trail facilities in New Albany, Indiana. Historically a popular gathering spot for over 100 years, the project provides additional safety for existing area users through bank stabilization. Providing connectivity between the trailhead on Providence Way and the Ohio River Greenway near the Loop Island Wetland Park, the approximate half-mile, shared-use concrete walkway opens accessibility to the waterway for all users. Located along the existing Ohio River levee, the project provides safe access for various uses including the new kayak/canoe launch point and the overlook for Ohio River/Silver Creek scenic viewing.



Downtown Loop Trail Crawfordsville, IN

The Crawfordsville Downtown Loop Trail is an INDOT-funded multi-use path that, when all phases are complete, will connect Crawfordsville's culturally significant destinations, neighborhoods, and downtown shops in one complete loop. This local trail also will connect to the regional Sugar Creek Trail making downtown Crawfordsville a more accessible destination.

The first phase, completed in 2019, connects Wabash College to the library, Pike Street Market, Pike Place Pocket Park and Fusion 54, the downtown workshare community center. The trail consists of a 10'-wide concrete path with custom pavers, new ornamental lighting, rest nodes with benches and trash receptacles, and trees and sod.

Relevant Experience



Walker Field Connectivity South Bend, IN

In general, the scope of services for this project consisted of HWC assisting the City of South Bend with the implementation of better pedestrian connectivity between Walker Field Park, Rum Village Park, and the surrounding neighborhoods. Design services included survey and schematic design (30% plans) in an initial phase. Construction documents (60%, 90%, and 100% plans), bidding, and construction administration design services were provided as a second phase.

The project features included a road diet along W. Ewing Avenue between S. Walnut Street and Webster Street, which will include new sidewalk and curbs, road resurfacing, curb extensions to protect a parking lane on the north side of the street, raised intersections, a mid-block crossing, and special paving treatments at crosswalks. A concrete multiuse trail also extended along the south side of W. Ewing Avenue from S. Gertrude Street to the Rum Village Park Road entrance along W. Ewing Avenue. Pedestrian connections into Rum Village Park as well as Walker Field Park are also included in the scope. The project budget, including both design and construction, was \$1.9 million and construction was completed earlier this year.



Downtown Streetscape Attica, IN

HWC assisted the City of Attica with the completion of survey, construction documents, bidding, construction administration, and INDOT permitting services for the Downtown Streetscape and Parking Lot Improvements project. The project consisted of four project areas: S. Perry Street, Mill Street, Jackson Street, and a new parking lot and drive to support a new City farmers' market and vendor plaza for various events. The project also included significant landscaping and other pedestrian amenities. HWC assisted the City with utilizing multiple funding sources, including INDOT's Community Crossings Matching Grant (CCMG) program to fund the \$2.5 million project.



Monon South Freedom Trail New Albany, IN

When complete, this regional trail will connect five counties and nine communities via 68 miles of abandoned rail. The first phase will include approximately 1.46 miles of trail and connect the existing Ohio River Greenway trail to central New Albany. It consists of three segments: a half-mile west of the Conrail Easement, a half-mile north through the downtown area, and a half-mile north along the west side of Fairview Cemetery.

HWC is currently working on the schematic design for the first phase which is being based on conceptual ideas developed during the New Albany Trails Feasibility Study completed in April 2020, as well as conversations with the City in the years since. The project will be funded with a combination of Next Level Trails and local New Albany Redevelopment Authority funding.



We appreciate your consideration of HWC and look forward to working with the City of South Bend on this project.