To all interested parties:

This letter shall serve as a formal notice of the receipt of an application for **Section 401 Water Quality Certification** by the Indiana Department of Environmental Management (IDEM). The purpose of the notice is to inform the public of active applications submitted for water quality certification under Section 401 of the Clean Water Act (33 U.S.C. § 1341) and to solicit comments and information on any impacts to water quality related to the proposed project. IDEM will evaluate whether the project complies with Indiana’s water quality standards as set forth at 327 IAC 2.

1. **Applicant:**
   Bryn Keplinger
   City of Huntington, Indiana
   300 Cherry Street
   Huntington, IN 46750

2. **Agent:**
   James Breckler
   Engineering Resources, Inc.
   4175 New Vision Drive
   Fort Wayne, IN 46845

3. **Project location:**
   The project is located at Memorial Park, 1200 W. Park Drive, Huntington, IN 46750, Huntington County. More specifically, the project is located central to 40.87838 latitude, -85.50736 longitude.

4. **Affected waterbody:**
   UNT of the Little River

5. **Project Description:**
   The project involves construction of a curb beneath an existing undermined concrete wall as well as the reconstruction of failed sections of concrete wall within a UNT of the Little River. At the downstream end, the concrete lining of the Little River will be removed and replaced with native glacial stone. Native glacial stone will also be placed at the culvert outfall at the upstream end of the channel for energy dissipation. Total impacts for the project include 470 linear feet of stream. The purpose of the project is to rehabilitate the historic stone race using DNR Historical Preservation Body grant funds in accordance with the Secretary of the Interior’s Standards for the Treatment of Historic Properties. For more information on the project and its plan details visit [https://www.in.gov/idem/6397.htm](https://www.in.gov/idem/6397.htm).

**Comment period:**
Any person or entity who wishes to submit comments or information relevant to the aforementioned project may do so by the closing date noted above. Only comments or information related to water quality or potential impacts of the project on water quality can be considered by IDEM in the water quality certification review.

**Public Hearing:**
Any person may submit a written request that a public hearing be held to consider issues related to water quality in connection with the project detailed in this notice. The request for a hearing should be submitted within the comment period to be considered timely. The request should also state the reason for the public hearing as specifically as possible to assist IDEM in determining whether a public hearing is warranted.

**Questions?**
Additional information may be obtained from Wes Hauser, Project Manager, by phone at 317-233-4606 or by e-mail at WHauser@idem.IN.gov. Please address all correspondence to the project manager and reference the IDEM project identification number listed on this notice. Indicate if you wish to receive a copy of IDEM’s final decision. Written comments and inquiries may be forwarded to -

Indiana Department of Environmental Management
100 North Senate Avenue
MC65-42 WQS IGCN 1255
Indianapolis, Indiana 46204-2251 FAX: 317/232-8406
PHOTO 1

Looking south downstream from flow channel towards Park Drive. Concrete flowline with debris.
PHOTO 2

Looking northeast from flow channel at east wall of race. Wall deteriorated and to be repaired.
PHOTO 3

Looking north from flow channel upstream. Concrete flowline to be replaced with native glacial stone.
PHOTO 4

Looking northwest from flow channel upstream toward pedestrian bridge. Concrete deteriorating and to be removed.
PHOTO 5

Looking north upstream at existing channel.
PHOTO 6

Looking east at existing channel wall. Where in good condition as in photo, wall to be cleaned and tuckpointed where required.
PHOTO 7

Looking northeast from flow channel at undermined wall. Concrete infill to repair void. Protect native rock bed.
PHOTO 8

Looking west from flow channel at undermined wall. Concrete infill to repair void below wall. Concrete lining in channel itself to be removed.
Looking northwest upstream from flow channel at undermined wall. Concrete infill to repair void. Protect native rock bed.
PHOTO 10

Looking north upstream from flow channel towards culvert outfall. Concrete infill of void below wall. Protect native rock bed.
PHOTO 11

Looking north upstream from west top of wall towards culvert outfall. Concrete infill of void below wall. Protect native rock bed.
PHOTO 12

Looking northwest from east top of wall at collapsed section of race wall. To be reconstructed.
PHOTO 13

Looking north upstream from east top of wall at culvert outfall and collapsed section of race wall. Wall to be reconstructed and flowline provided with native glacial stone energy dissipation.
PHOTO 14

Looking south downstream from west top of wall towards Park Drive. Protect flowline and infill voids below wall with concrete.
CITY OF HUNTINGTON

MEMORIAL PARK WPA STONE WATER RACE
REHABILITATION PROJECT

BOARD OF WORKS:
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DWIGHT BRAUTIGAM, MEMBER
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MONTE DAVIS, MEMBER
KARENA HERNANDEZ, MEMBER
SHANNON ZUERCHER, STAFF

MEMORIAL PARK WPA STONE WATER RACE
T-28-N, R-9-E, City of Huntington, Huntington County, Indiana

FUNDING NOTICE
1. This project is funded in part by a grant from the U.S. Department of the Interior, National Park Service's Historic Preservation Program of the Park Service, being administered by the Indiana Department of Natural Resources, Division of Historic Preservation and Archaeology. Compliance with all applicable federal, state, and local laws, rules, and regulations is required.

2. Compliance with the applicable Secretary of the Interior's Standards and Guidelines is required.

3. The Indiana Department of Natural Resources, the Indiana State Auditor, the U.S. Department of the Interior, the Comptroller General of the United States, or any of their duly authorized representatives, may examine, audit, or in any other way inspect any books, documents, papers, and records of the contractor that are directly pertinent to that specific contract, for the purpose of making audits, examinations, excerpts, and transcriptions. Such records must be maintained for three (3) years after closeout of the contract.

4. No part of the money appropriated by any enactment of Congress will, in the absence of express authorization by Congress, be used directly or indirectly to pay for any personal service, advertisement, telephone, letter, printed or written matter, or other device, intended or designed to influence in any manner a Member of the U.S. Congress, to favor or oppose, by vote or otherwise, any legislation or appropriation by Congress, whether before or after the introduction of any bill or resolution proposing such legislation or appropriation, but this will not prevent communications or endorsements of the United States Government or its officers or employees or communications to Congress at the request of any Member, or to Congress through the proper official channels, requests for legislation or appropriations that they deem necessary for the efficient conduct of public business.

5. The project must be carried out in compliance with the Copeland Anti-Kickback Act (18 USC 676) as supplemented in Department of Labor regulations. This section provides that each contractor will be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation of which he is otherwise entitled.

6. The project must be carried out in compliance with Executive Order 11246, entitled "Equal Employment Opportunity," as amended by Executive Order 11375, and as supplemented in Department of Labor regulations (41 CFR 60).
BASIS OF PAYMENT

1. All work to be in accordance with the requirements of the City of Huntington standards and specifications.

GENERAL NOTES

1. All notes to be considered as part of the Specifications. Other Contract documents not specifically cross-referenced in this Note shall be considered as a part of the Conditions of the contract and shall be furnished to any contractor prior to or during construction. All notes shall be read and understood by the Contractor at his option prior to or during construction.

EXISTING UTILITIES NOTES

1. Note: Contact Existing Utilities. The information shown on these drawings concerning existing utilities is not guaranteed to be accurate or complete. Location, size, and material shown on or afixed to existing utilities is not the responsibility of the Contractor. Such information must be verified by the Contractor prior to excavation. Any existing utilities that are damaged or removed shall be reconstructed or repaired by the Contractor at his expense.

PERMANENT EXCESS SOIL REMOVAL

1. Surplus or Removed soil that contains any wetlands used is the Contractor's financial responsibility to have an appropriate wetland delineation of all site areas performed and a wetland permit obtained prior to the start of construction.

CLEARING AND GRUBBING NOTES

1. All disturbed areas outside of pavement and sidewalks shall receive surface restoration per the requirements of the Specification.

ACCESS NOTES

1. Existing streets and equipment access routes with a width of 20 feet or greater will remain open to public use.

SURVEY NOTES

1. Existing topography is based on topographic surveys conducted September 27th and November 10th of 2021. Locations of all surface features, utility lines, and stations are based on the requirements of the Specification.
Existing Wall per Topographic Survey


"Remove and Reconstruct Stone Masonry Wall (Partial Height)" per Detail.

Riser, Protect and Contact Engineer for Further Instruction.

Drain Pipe to Park Drive Culvert. If Excavation Discovers Inlet Flowline Treatment Stone Placement with Protection of Concrete.

Protect Existing Concrete Anchorage at Pipe End. Coordinate Pipe End to Face of Wall. Include in Overall Project Cost.

Deliver Unused Stone to Owner.

Protect Existing Pedestrian Bridge and Foundations.

Brick for City. Concrete Debris May Remain with Brick at Contractor Option.

Structure Backfill Behind Reconstructed Wall per Specifications.

"Native Stone Flowline Treatment, Class 2 Gradation", per Plan Notes. Utilize Center or Import Rounded Native Stone of INDOT Class 2 Riprap Gradation. Place Stone to Establish Flowline from 42" Pipe Invert to Downstream Flowline Not Receiving Treatment.

Remove Existing Concrete/Brick Flowline Treatment. Salvage Stone for Use in Reconstructed Wall. Contractor Option.

Contractor May Utilize Onsite or City Stockpiled Native Stone for Pipeline (Pipe Outfall) Modifications, per Detail. Clean and Tuckpoint Masonry Wall, per Specifications.

"Native Stone Flowline Treatment, Class 2 Gradation", per Plan Notes. Place Stone to Maintain Existing Flowline Alignment. Upper 16" Minimum, per Detail. Provide Consistent Wall Height.

"Remove and Reconstruct Stone Masonry Wall (Partial Height)" per Plan Notes.

"Native Stone Flowline Treatment, Revetment Gradation", per Plan Notes.

"Remove and Reconstruct Stone Masonry Wall (Partial Height)" per Plan Notes.

"Remove and Reconstruct Stone Masonry Wall (Flowline Treatment)", per Plan Notes.

"Remove and Reconstruct Stone Masonry Wall (Rock Bed Flowline)", per Plan Notes.

"Remove and Reconstruct Stone Masonry Wall (Partial Height)" per Plan Notes.

"Remove and Reconstruct Wall (Pipe Outfall)”, per Detail.

"Remove and Reconstruct Wall (Flowline Treatment)”, per Detail.


"Remove and Reconstruct Wall (Rock Bed Flowline)", per Detail. At Upstream Limits, Conform to Pond Embankment Slopes East and West of Stone Race.

\[ M:744.80 \pm 3 \]
\[ B-2 \]

\[ T/WALL:M:745.58 \pm 3 \]
\[ T/WALL:741.84 \pm \]

\[ (MATCH STONE \]

\[ T/WALL:M:744.93 \pm 7 \]
\[ M:742.84 \pm 7 \]
\[ M:743.28 \pm 7 \]
\[ M:742.77 \pm 7 \]

\[ Ph: (260) 490-1025 \]

www.eri.consulting

4175 New Vision Drive
Fort Wayne, Indiana 46845

CHECKED:
DESIGNED:
FOR APPROVAL
RECOMMENDED

CHECKED:
DRAWN:

DATE
HCV#31003

IMPROVEMENTS PLAN - SOUTH

CITY OF HUNTINGTON
MEMORIAL PARK WPA STONE WATER RACE
REHABILITATION PROJECT

2021-03-02 00:57
NOTES:
1. "Remove and Reconstruct Wall (Pipe Outfall)" per Plan Notes.
2. "Remove and Reconstruct Stone Masonry Wall (Partial Height)" per Plan Notes.
3. "Original Stone Flowline Treatment, Class 2 Gradation" per Plan Notes.
4. "Native Stone Flowline Treatment, Class 2 Gradation" per Plan Notes.
5. "Remove Existing Concrete/Brick Flowline Treatment per Plan Notes. "Native Stone Flowline Treatment, Revetment Gradation", per Plan Notes.
7. Existing Wall per Topographic Survey

HATCH LEGEND:
- "Remove and Reconstruct Wall" per Plan Notes.
- "Remove and Reconstruct Stone Masonry Wall (Partial Height)" per Plan Notes.
- "Wall Base Curb Treatment" per Plan Notes.
- "Native Stone Flowline Treatment, Class 2 Gradation" per Plan Notes.
- "Native Stone Flowline Treatment, Revetment Gradation", per Plan Notes.
- "Remove Existing Concrete/Brick Flowline Treatment per Plan Notes. "Native Stone Flowline Treatment, Revetment Gradation", per Plan Notes.
- "Existing Wall per Topographic Survey"

GRADING LEGEND:
- Match Existing Spot
- Proposed Spot
- Proposed Top of Wall
- Proposed Drainage Profile / Flowline

CITY OF HUNTINGTON MEMORIAL PARK WPA STONE WATER RACE REHABILITATION PROJECT
IMPROVEMENTS PLAN - NORTH
GENERAL CONCRETE NOTES

LAP LENGTH FOR #6 BARS SHALL BE 38" MIN.
LAP LENGTH FOR #4 BARS SHALL BE 25" MIN.

PROVIDE LAP LENGTHS BELOW UNLESS NOTED OTHERWISE ON PLANS AND DETAILS:

CONCRETE EXPOSED TO EARTH OR WEATHER:

- PERMANENTLY EXPOSED TO EARTH
- “COLD WEATHER CONCRETING,” ACI 318
- “BUILDING CODE REQUIREMENTS FOR SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS,” ACI 306R-308

CONCRETE PLACEMENT SHALL COMPLY WITH ACI 304 "GUIDE FOR MEASURING, COORDINATE FIELDSTONE PLACEMENT WITH ALL CONSTRUCTION DOCUMENTS AND OTHERWISE NOTED.

“MIXING, TRANSPORTING, AND PLACING CONCRETE,” FOR PLACING CONCRETE IN A PRIOR TO CONCRETE PLACEMENT.

1% MINIMUM SLOPE

POSITIVE DRAINAGE

MATCH EXISTING GRADE

INDOT #8 STONE OR PEA GRAVEL

WRAPPED IN GEOTEXTILE;

TOPSOIL (8" MIN, 12" MAX)

STAKE & LEVEL TO MATCH EXISTING GRADE

REHABILITATION PROJECT

CITY OF HUNTINGTON

MEMORIAL PARK WPA STONE WATER RACE

REHABILITATION PROJECT

CONSTRUCTION DETAILS

SCALE: 1/2" = 1'-0"

DATE

CHECKED: JRB

DRAWN: JRB

DESIGNED: JRB

RECOMMENDED: JRB

REVIEWED: JRB

APPROVED: JRB

02/26/2021  03/15/2021
Silt fence shall be installed at start of construction and shall remain until grass has grown in areas of permanent erosion control area.

Bedding Specifications
For rock or other non-compressible material, the trench shall be over excavated a minimum of 6" and refilled with bedding material.

Backfill Specifications
1. Backfill shall be free of deleterious materials, such as salt, and frozen or permafrost material. Backfill shall be free of any deleterious materials, such as salt, and frozen or permafrost material.

2. Backfill shall be free of deleterious materials, such as salt, and frozen or permafrost material. Backfill shall be free of any deleterious materials, such as salt, and frozen or permafrost material.