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:** Ms. Crystal Rehder
   Indiana Department of Transportation
   100 North Senate Avenue, IGCN 642-ES
   Indianapolis, IN 46204

2. **Agent:** Ms. Amy Smith
   Metric Environmental, LLC
   6958 Hillsdale Court
   Indianapolis, IN 46250

3. **Project location:** St. Joseph County
   Latitude 41.64306, Longitude -86.30123
   On U.S. Highway 20 approximately 0.16 mile west of State Road 23.

4. **Affected waterbody:** Unnamed tributary to Dixon - West Place Ditch

5. **Project Description:** As part of Project Designation 1700032, INDOT proposes to install a cured in place pipe liner within an existing 190 foot long elliptical corrugated metal pipe that conveys an unnamed tributary to Dixon – West Place Ditch under U.S. Highway 20. In addition, 55.5 linear feet of riprap scour protection will be installed. For additional information please visit the following webpage address: [http://www.in.gov/idem/5474.htm](http://www.in.gov/idem/5474.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 process.

**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 about the Indiana Department of Environmental Management waterway permitting associated with this project may be obtained from Mr. James Turner, Indiana Department of Environmental Management Project Manager, at 317-234-6352. 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
Exhibit 1 - Location Map
U.S. 20, 0.23 Miles West of S.R. 23
Small Structure Pipe Lining
Portage Township, St. Joseph County, Indiana
Des. No. 1700032
Metric Project No. 18-0168-2
Map Date: 6/21/2019
Map Author: Zachary Root

All locations approximate
2018 Basemap
Latitude: 41.64306  Longitude: -86.30123

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan,
Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand),
NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Exhibit 6 - Waters Delineation Map
U.S. 20, 1.5 Miles West of S.R. 23
Small Structure Pipe Lining
Portage Township, St. Joseph County, Indiana
Des. No. 170032
Metric Project No. 18-0168-2
Map Date: 7/8/2019
Map Author: Susie McGovern

Project Study Limits (PSL)  Culvert Opening  Stream
Sampling Point  Culvert

All locations approximate
Source: Indiana Spatial Data Portal (2016)
INDIANA DEPARTMENT OF TRANSPORTATION

SMALL STRUCTURE PIPE LINING
FOR SPANS LESS THAN 20 FEET

ROUTE: US 20 FROM: RP 291+95 TO: RP 293+95
PROJECT NO. 1700032 P.E.
1700032 R/W
1700032 CONST.

Small Structure Pipe Lining on US 20
Located 0.23 Miles West of Junction SR 23
Section 21, T 37 N, R 20 E, South Bend, St. Joseph, Indiana

Begin Project
Des. No. 1700032
Sta. 292+67
Line "A"

End Project
Des. No. 1700032
Sta. 292+67
Line "A"

STAGE 2 PLANS
JANUARY 24, 2020

CIORBA GROUP
619 Franklin St, Ste 205, Michigan City, IN 46360
P 844.271.5923 | www.ciorba.com

NOT FOR CONSTRUCTION

TRAFFIC DATA

DESIGN DATA

INTEGRITY OF THE INFORMATION IN THIS DOCUMENT DEPENDS ON THE USE OF THE MOST CURRENT INFORMATION PROVIDED BY THE INDIANA DEPARTMENT OF TRANSPORTATION LOCAL OFFICE AND THE CONTRACTOR OR ITS REPRESENTATIVE.
NOTES

1. All materials, procedures, signs, hitches, and miscellaneous items shall conform to requirements of the current INDOT Standard Specifications for Highway Construction and Indiana Uniform Traffic Control.

2. Worksite speed limit shall be 55 MPH.

3. Refer to Standard Drawing IND-770-12-L for standard shoulder closure signs and placement.

4. Refer to Standard Drawing IND-770-12-S and IND-770-12-S1 and IND-770-12-S1 for worksite regulatory signs and placement.

LEGEND

- Work Area
- Construction Sign
- Channeling Device
- Direction of Traffic

CONSTRUCTION SIGNS

- In-place, inplace
- Off-road, off

ESTIMATE OF ITEMS - PDT

<table>
<thead>
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<th>Item Description</th>
<th>Total</th>
</tr>
</thead>
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<td>3 EA</td>
</tr>
<tr>
<td>Construction Sign Type B</td>
<td>0 EA</td>
</tr>
</tbody>
</table>

CiorbaGroup
619 Franklin St, Ste 205, Michigan City, IN 46360
P 844.271.5933 | www.ciorba.com

MAINTENANCE OF TRAFFIC
Permanent Impact to UNI 1 below OHWM (Elev. 719.33):
Riprap, Class 1 (1.5 ft depth x 4 ft wide x 29.3 ft avg. length) 0.0027 ac., 6.5 cf total fill

Permanent Impact to UNI 1 below OHWM (Elev. 719.83):
Riprap Class 1 (1.5 ft depth x 4 ft wide x 26.2 ft avg. length) 0.0024 ac., 5.8 cf total fill

CIPP Liner (2” Liner Thickness, 4 ft width, 190’ long) 0.017 ac., 4.7 cf total fill

Anticipated Work Schedule: October 15, 2021 - November 5, 2021
Temporary Impact to UNT 1 under OHWM (Elev. 719.33):
Sandbag Dike (0.5 ft depth x 4 ft wide x 4 ft long) 0.0004 ac., 0.3 cys total fill

Temporary Impact to UNT 1 under OHWM (Elev. 719.33):
Sump Hole (2 ft depth x 3 ft wide x 3 ft long) 0.0002 ac., 0.7 cys total fill

Temporary Impact to UNT 1 under OHWM (Elev. 719.83):
Sandbag Dike (0.5 ft depth x 4 ft wide x 4 ft long) 0.0004 ac., 0.3 cys total fill

Temporary Impact to UNT 1 under OHWM (Elev. 719.83):
Sump Hole (2 ft depth x 3 ft wide x 3 ft long) 0.0002 ac., 0.7 cys total fill