PUBLIC NOTICE

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: Mr. James Landry
   Troyer Group
   3930 Edison Lake Parkway
   Mishawaka, IN 46545

3. Project location: LaPorte County
   On U.S. Highway 20 from County Road 325 West (Latitude 41.6876, Longitude -86.7637) to County Road 300 West (Latitude 41.687, Longitude -86.758)

4. Affected waterbody: An unnamed tributary to the East Branch of Trail Creek

5. Project Description: As part of Project Designation 1700021, INDOT proposes to impact 93 linear feet of an unnamed tributary to the East Branch of Trail Creek and 0.12 acre of wetland. To compensate for these impacts, the applicant proposes to purchase 93 feet of stream credit and 0.24 acre of wetland credit from the Indiana Stream and Wetland Mitigation Program. 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
Area of Interest

1 inch = 2,000 feet

Figure 1. Project Location
Intersections of US 20 with CR 325W & CR 300W
DES 1700021
Troyer Group
LaPorte County, Indiana

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Phone: (+1) 574-586-3400  Fax: (+1) 574-586-3446
www.cardno.com
Figure 2. National Wetland Inventory

Intersections of US 20 with CR 325W & CR 300W
DES 1700021
Troyer Group
LaPorte County, Indiana

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Area of Interest  NHD Flowline  NWI Wetland

1 inch = 600 feet

Township 37 North
Range 3 West
Section 34
J 191018600

Date: 5/29/2019
File Path: R:\Projects\191911191018600_Troyer_DES1700021_US20_Intersect\improv\LaPorte\CityGIS\MXD\Delination\May2019\20190529_F2_US20_INTERSECTION_mxd

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1 inch = 600 feet

Figure 4. Wetland Delineation Key Map
Intersections of US 20 with CR 325W & CR 300W
DES 1700021
Troyer Group
LaPorte County, Indiana

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© Township 37 North Range 3 West Section 3,4
J191918600

Sheet Index
Existing Wetland
Area of Interest

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1 inch = 100 feet

Figure 4.01. Wetland Delineation
Intersections of US 20 with CR 325W & CR 300W
DES 1700021
Troyer Group
LaPorte County, Indiana

Flow Direction  Data Point  Ditch  Existing Wetland
Photo Point  Photo Direction  OHWM  Area of Interest

Base map: Indiana Office of Information Technology, Indiana University Spatial Data Portal, IITS, Redapt Inc.

Figure 4.01. Wetland Delineation
Intersections of US 20 with CR 325W & CR 300W
DES 1700021
Troyer Group
LaPorte County, Indiana

Flow Direction  Data Point  Ditch  Existing Wetland
Photo Point  Photo Direction  OHWM  Area of Interest

Base map: Indiana Office of Information Technology, Indiana University Spatial Data Portal, IITS, Redapt Inc.

Figure 4.01. Wetland Delineation
Intersections of US 20 with CR 325W & CR 300W
DES 1700021
Troyer Group
LaPorte County, Indiana

Flow Direction  Data Point  Ditch  Existing Wetland
Photo Point  Photo Direction  OHWM  Area of Interest

Base map: Indiana Office of Information Technology, Indiana University Spatial Data Portal, IITS, Redapt Inc.

Figure 4.01. Wetland Delineation
Intersections of US 20 with CR 325W & CR 300W
DES 1700021
Troyer Group
LaPorte County, Indiana

Flow Direction  Data Point  Ditch  Existing Wetland
Photo Point  Photo Direction  OHWM  Area of Interest

Base map: Indiana Office of Information Technology, Indiana University Spatial Data Portal, IITS, Redapt Inc.

Figure 4.01. Wetland Delineation
Intersections of US 20 with CR 325W & CR 300W
DES 1700021
Troyer Group
LaPorte County, Indiana

Flow Direction  Data Point  Ditch  Existing Wetland
Photo Point  Photo Direction  OHWM  Area of Interest

Base map: Indiana Office of Information Technology, Indiana University Spatial Data Portal, IITS, Redapt Inc.

Figure 4.01. Wetland Delineation
Intersections of US 20 with CR 325W & CR 300W
DES 1700021
Troyer Group
LaPorte County, Indiana

Flow Direction  Data Point  Ditch  Existing Wetland
Photo Point  Photo Direction  OHWM  Area of Interest

Base map: Indiana Office of Information Technology, Indiana University Spatial Data Portal, IITS, Redapt Inc.
Figure 4.02. Wetland Delineation
Intersections of US 20 with CR 325W & CR 300W
DES 1700021
Troyer Group
LaPorte County, Indiana
Figure 4.03. Wetland Delineation
Intersections of US 20 with CR 325W & CR 300W
DES 1700021
Troyer Group
LaPorte County, Indiana

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W U S ROUTE 20
DP05
UNT 3

Wetland 01
0.12 Ac

Wetland 03
0.15 Ac

1 inch = 100 feet

Flow Direction  Data Point  Ditch
Photo Point  Photo Direction  OHWM  Existing Wetland  Area of Interest

File Path: R:\Projects\191911\191018600_Troyer_DES1700021_US20_Intersect\Improve\LaPorte\City\GIS\MXD\Delineation_August2019\20190529_Extended_US20_INTERSECTION_MXDX_Plot


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Date: 3/3/2020  
Client ID: Christine.Dittmar
Figure 4.04. Wetland Delineation
Intersections of US 20 with CR 325W & CR 300W
DES 1700021
Troyer Group
LaPorte County, Indiana

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1 inch = 100 feet

10 11 12 13 14
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1 inch = 100 feet

Figure 4.05. Wetland Delineation
Intersections of US 20 with CR 325W & CR 300W
DES 1700021
Troyer Group
LaPorte County, Indiana
ROAD PLANS
US 20 AND CR 300/325 W
ROUTE: US 20  FROM: RP 47+40  TO: RP 47+70
PROJECT NO. 1700021 P.E.
1700021 R/W
1700021 CONST.

Intersection Improvement at US 20 and CR 300/325 W
Located 1.1 Miles W of SR 39
Section 4, T-37-N, R-3-W, Springfield Township, LaPorte County, Indiana

LOCATION MAP
SPRINGFIELD TOWNSHIP
LAPORTE COUNTY

BEGIN PROJECT
PROJECT NO. 1700021
STA. 172+66.15
LINE "A"
N: 41.687972
E: -86.766633

END PROJECT
PROJECT NO. 1700021
STA. 205+42.10
LINE "A"
N: 41.686508
E: -86.754806

LAKE COUNTY
SPRINGFIELD TOWNSHIP

LATITUDE: 41° 41' 15"  LONGITUDE: 86° 45' 49"

SCALE: 1" = xxxx'

GROSS LENGTH: 0.62 MI
NET LENGTH: 0.62 MI
MAX. GRADE: 3.46 %

HYDROLOGICAL UNIT CODE: 040400010104

NOT FOR CONSTRUCTION
07/31/2020
STEG SUBMITTAL

Note to Reviewer: Forecast Data has been requested, but is not yet Available.
Note to reviewer:
Private Landowner Items that will be required to be removed from Proposed R/W Limits are indicated on the plans with indication that the owner may be entitled to damages. This is for INDOT and appraiser information.

Note to reviewer:
Utilities that require relocation are typically noted on this plan for utility coordinator use and INDOT information.

LEGEND

1. Milling, Asphalt, 1.5 IN
2. HMA for Approaches, Type B
3. HMA Base Course
4. Subgrade Treatment, Type XX

Note to reviewer:
We terminate the project with full width section. In the coming years, the District is designing projects east and west of this segment which will tie in. A full width segment will allow for easier berms than tapered pavement.
Note to reviewer:
We terminate the project with full width section. In the coming years, the District is designing projects east and west of this segment which will be in.
A full width segment will allow for easier tie-ins than tapered pavement.

Legend:
- XXY/Syd. QC/QA-HMA, X, XX, Surface XX mm on
- XXY/Syd. QC/QA-HMA, X, XX, Intermediate, XX mm on
- XXY/Syd. QC/QA-HMA, X, XX, Base, XX mm on
Subgrade Treatment, Type XX

- HMA for Approaches, Type B, consisting of:
  - USA/ind. HMA, Surface Type B on
  - Intermediate Type B on
  - Subgrade Treatment Type II (6 in. Coarse Aggregate No.53)

- Milling, Asphalt, 1.5 IN.

- HMA for Approaches, Type B
  - USA/ind. HMA, Surface Type B on
  - Intermediate Type B on
  - Subgrade Treatment Type II (6 in. Coarse Aggregate No.53)

- Saw Cut, Full Depth

- Subgrade Treatment, Type XX

- Pavement Removal (Composite)
Culvert Extension

SECTION B-B

WINGWALL TABLE

<table>
<thead>
<tr>
<th>WING</th>
<th>TOP FL.</th>
<th>TOP FF.</th>
<th>LENGTH</th>
<th>AREA</th>
<th>QCS.</th>
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<tbody>
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<td>A</td>
<td>700.87</td>
<td>106.65</td>
<td>18'-7&quot;</td>
<td>15.04</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>700.87</td>
<td>106.65</td>
<td>18'-7&quot;</td>
<td>15.04</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>Match Ex</td>
<td>Match Ex</td>
<td>Match Ex</td>
<td>Match Ex</td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>Match Ex</td>
<td>Match Ex</td>
<td>Match Ex</td>
<td>Match Ex</td>
<td></td>
</tr>
</tbody>
</table>

NOTE: Contractor to replace south wingwalls, matching existing dimensions.

SECTION A-A

GENERAL NOTES:

- Riprap is to be placed per Std. Dwg. 714-BCSP-01
- Box Culvert Extension is to be constructed per Std. Dwg. 714-BCIX-01
Remove Existing Wingwalls and Headwall
and 2 LFT of Existing Culvert
Replace with 2 LFT of Reinforced Concrete Box Culvert Extension, Headwall, and Wingwalls

Replace with 19 LFT of Reinforced Concrete Box Culvert.

Headwalls and Wingwalls to be included in the cost of the structure extension, per INDOT Std. Specifications, 2020.
Note:
1. There are no known locations where storm runoff may enter groundwater on this project.

2. Wetland 02

3. Type B Monument Required

4. Match Line 174+00.00 "A"
1. There are no known locations where storm runoff may enter groundwater on this project.

Note:

- **Temporary Inlet Protection**
- **Temporary Check Dam**
- **Temporary Silt Fence**
- **Wetland**

**Erosion Prevention & Sediment Control**

* U.S. 20 - Line "A"
  * STA. 174+00 TO STA. 180+00

**Designations**

- **DEPARTMENT OF TRANSPORTATION**
- **INDIANA**

**Survey Book**

- **CONTRACT**
- **DESIGN ENGINEER**

**Date**

- **Designed:**
- **Checked:**
- **Drawn:**
- **Checked:**

**Plot Date**

- **Plot Time**

**Model:**

- **File:**

**Scale:**

- **1" = 20'**

**Matching Line**

- **174+00**
- **175+00**
- **176+00**
- **177+00**
- **178+00**
- **179+00**
- **180+00**

**Note:**

- "FIRE DEPT., D 2K; Standard Arrow Custom 12.0" X 8.1" 0';"
1. There are no known locations where storm runoff may enter groundwater on this project.

Note:
1. There are no known locations where storm runoff may enter groundwater on this project.
Note:
1. Temporary pump around shall remain in place until stream channel is stabilized with new vegetation and proposed structures are in place.
2. There are no known locations where storm runoff may enter groundwater on this project.

Drainage Area = 2.35 sq. mi.
Impervious Dike

Temporary Inlet Protection
Temporary Check Dam
Temporary Silt Fence
Wetland

U.S. 20 - LINE "A"
Erosion Prevention & Sediment Control

STA. 192+00 TO STA. 198+00
U.S. 20 - LINE "A"