

downstream OHWM of 7.9 feet wide and 7 inches (0.58 feet) deep. The OHWM was taken outside the influence of the structure approximately 30 feet away.

Approximately 213 linear feet (0.055 acre) of UNT 1 to Sand Creek is within the survey area. According to the USGS StreamStats Report, UNT 1 to Sand Creek has a drainage area of 3.392 square miles and a gradient of 13.4 feet per mile. The substrate consisted predominantly of sand however the presence of artificial riprap was also observed within the channel. This stream exhibited average quality due to moderate sinuosity and overhanging vegetation. UNT 1 to Sand Creek drains into Sand Creek, which drains into East Fork White River which is a TNW. Based on its contribution of perennially surface flow into a TNW, Muddy Fork Sand Creek is likely to be considered a *Waters of the United States*.

Roadside Ditches:

Four roadside ditches (RSD's) were identified within the survey area: RSD's 1 – 4. All RSD's lacked OHWM's and stream characteristics; therefore, they were not considered to be stream features. RSD's 1-4 were delineated and are shown in the attached maps on pages A21 and A25-A27.

Wetlands:

Wetland A is a palustrine emergent (PEM) wetland located within the western survey area (Des. No. 1800255) at the southeast quadrant of the SR 46 and SR 3 intersection. Wetland A extends outside the survey area; however, 0.041 acre exists within the survey area. This wetland would likely be considered poor quality due to its small size, low species diversity, and disturbance from the roadway. Wetland A is connected hydrologically to Muddy Fork Sand Creek via RSD 1, which connects Wetland B and Wetland C to UNT 1 to Muddy Fork Sand Creek. UNT 1 to Muddy Fork Sand Creek begins at the inlet adjacent to Wetland C, and flows under SR 46, and then drains into Muddy Fork Sand Creek outside the survey area. As mentioned, above in the streams section, Muddy Fork Sand Creek contributes overland perennial flow to the East Fork White River, a TNW. Since Wetland A provides a hydrological connection to a TNW it is likely a *Water of the United States*. This connection is illustrated on Water Resources Map 1 of 3 (Page A21), Photo Location Map 1 of 8 (A25), and Photo Location Map 2 of 8 (A26). Two data points (A1 and A2) were taken to determine the boundaries of Wetland A. A discussion of data points A1 and A2 are provided below.

Data point A1 was taken within Wetland A. The dominant vegetation observed at data point A1 was broadleaf cattail (*Typha latifolia*) and rice cut grass (*Leersia oryzoides*), which are both obligate (OBL) species. One hydric soil indicator, Redox Dark Surface (F6), was observed at this data point. This data point exhibited three primary wetland hydrology indicators including: Surface Water (A1), High Water Table (A2), and Saturation (A3). This data point exhibited all three criteria to be considered within a wetland.

Data point A2 was taken approximately 22 feet southeast of data point A1. The dominant vegetation observed at data point A2 was tall annual blue grass (*Poa annua*) which is a facultative upland (FACU) species. Hydric soil and wetland hydrology indicators were not observed at this data point. This data point failed to meet any of the three criteria to be considered within a wetland.

Wetland B is a PEM wetland located within the western survey area (Des. No. 1800255) at the SR 46 and S. 200 W. intersection. Wetland A is 0.081 acre in size. This wetland would likely be considered poor quality primarily due to its small size, low species diversity, and disturbance from the roadway. Wetland B likely drains into Muddy Fork Sand Creek, as discussed previously in the streams section, Muddy Fork Sand Creek contributes overland perennial flow to the East Fork White River, a TNW. Since Wetland B provides a hydrologic connection to a TNW it is likely a *Water of the United States*. Wetland B is connected hydrologically to Muddy Fork Sand Creek by RSD 1, which connects Wetland B to Wetland C, and then onto UNT 1 to Muddy Fork Sand Creek. UNT 1 to Muddy Fork Sand Creek, begins at the inlet adjacent to Wetland C, and flows under SR 46, and then drains into Muddy Fork Sand Creek outside the survey area. This connection is illustrated on Water Resources Map 1 of 3 (Page A21), Photo Location Map 1 of 8 (A25), and Photo Location Map 2 of 8 (A26). Two data points (B1 and B2) were taken to determine the boundaries of Wetland B. A discussion of data points B1 and B2 are provided below.

Data point B1 was taken within Wetland B. The dominant vegetation observed within the herb stratum was broadleaf cattail (*Typha latifolia*) which is an OBL species. Additionally, white mulberry (*Morus alba*) was the dominant vegetation observed within the sapling/shrub stratum and northern catalpa (*Catalpa speciosa*) was dominant within the tree stratum. White mulberry (*Morus alba*) is a facultative species (FAC) while northern catalpa

(*Catalpa speciosa*) is a FACU species. One hydric soil indicator, Redox Dark Surface (F6), was observed at this data point. This data point exhibited one primary wetland hydrology indicator which was Saturation (A3), and three secondary wetland hydrology indicators including: Drainage Patterns (B10), Crayfish Burrows (C8), and Geomorphic Position (D2). This data point exhibited all three criteria to be considered within a wetland.

Data point B2 was taken approximately 28 feet northwest of data point B1. The dominant vegetation observed within the herb stratum was white clover (*Trifolium repens*) and annual blue grass (*Poa annua*) which are both FACU species. Additionally, northern catalpa (*Catalpa speciosa*) was dominate within the tree stratum which is a FACU species. Hydric soil and wetland hydrology indicators were not observed at this data point. This data point failed to meet any of the three criterions to be considered within a wetland.

Wetland C is a PEM wetland located within the western survey area (Des. No. 1800255) approximately 580 feet east of the SR 46 and S. 200 W. intersection. Wetland C is 0.188 acre in size. Ponding water from agricultural field tile drain was observed within this wetland. This wetland would likely be considered poor quality primarily due to its small size, low species diversity, and disturbance from the roadway. Wetland C provides a hydrologic connection to UNT 1 to Muddy Fork Sand Creek which drains into Muddy Fork Sand Creek. As discussed previously in the streams section, Muddy Fork Sand Creek contributes overland perennial flow to the East Fork White River, a TNW. Since Wetland C provides a hydrologic connection a TNW it is likely *Water of the United States*. Wetland C is connected hydrologically to Muddy Fork Sand Creek by UNT 1 to Muddy Fork Sand Creek, which begins at the inlet adjacent to Wetland C and flows under SR 46 and then drains into Muddy Fork Sand Creek outside the survey area. This connection is illustrated on Water Resources Map 1 of 3 (Page A21), Photo Location Map 1 of 8 (A25), and Photo Location Map 2 of 8 (A26). Three data points (C1, C2, and C3) were taken to determine the boundaries of Wetland C. A discussion of data points C1-C3 are provided below.

Data point C1 was taken within Wetland C and RSD 1. The dominant vegetation observed within the herb stratum was broadleaf cattail (*Typha latifolia*), rice cut grass (*Leersia oryzoides*), and reed canary grass (*Phalaris arundinacea*). Both broadleaf cattail (*Typha latifolia*) and rice cut grass (*Leersia oryzoides*) are OBL species while reed canary grass (*Phalaris arundinacea*) is a facultative wetland (FACW) species. One hydric soil indicator, Loamy Mucky Mineral (F1), was observed at this data point. This data point exhibited three primary wetland hydrology indicators including: Surface Water (A1), High Water Table (A2), and Saturation (A3), and one secondary wetland hydrology indicator of Crayfish Burrows (C8). This data point exhibited all three criteria to be considered within a wetland.

Data point C2 was taken approximately 24 feet northwest of data point C1. The dominant vegetation observed was annual blue grass (*Poa annua*) which is a FACU species. Hydric soil and wetland hydrology indicators were not observed at this data point. This data point failed to meet any of the three criterions to be considered within a wetland.

Data point C3 was taken within Wetland C approximately 230 feet west of data point C1 and within RSD 1. The dominant vegetation observed within the herb stratum was reed canary grass (*Phalaris arundinacea*) which is a FACW species. Additionally, bush honeysuckle (*Lonicera tatarica*) was the dominate vegetation observed within the sapling/shrub stratum which is a FACU species. While Bradford pear (*Pyrus calleryana*), sugar maple (*Acer saccharum*), and eastern red cedar (*Juniperus virginiana*) was dominate within the tree stratum. Bradford pear (*Pyrus calleryana*) is an upland (UPL) species while sugar maple (*Acer saccharum*), and eastern red cedar (*Juniperus virginiana*) are FACU species. One hydric soil indicator, Sandy Redox (S5), was observed at this data point. This data point exhibited three primary wetland hydrology indicators including: Surface Water (A1), High Water Table (A2), and Saturation (A3), and one secondary wetland hydrology indicator of Drainage Patterns (B10). This data point exhibited all three criteria to be considered within a wetland.

Wetland D is a PEM wetland located within the western survey area (Des. No. 1800255) and RSD 3 south of SR 46. Wetland D is 0.012 acre in size. This wetland would likely be considered poor quality primarily due to its small size, low species diversity, and disturbance from the roadway. Wetland D likely drains into Muddy Fork Sand Creek and therefore provides a hydrologic connection to a TNW. As discussed previously in the streams section, Muddy Fork Sand Creek contributes overland perennial flow to the East Fork White River, a TNW. Since Wetland D provides a hydrologic connection a TNW it is likely *Water of the United States*. Wetland D is connected hydrologically to Muddy Fork Sand Creek by RSD 3, which provides a connection via UNT 1 to Muddy Fork Sand Creek. This connection is illustrated on Water Resources Map 1 of 3 (Page A21) and Photo Location Map 2 of 8

(A26). Two data points (D1 and D2) were taken to determine the boundaries of Wetland D. A discussion of data points D1 and D2 are provided below.

Data point D1 was taken within Wetland D. The dominant vegetation observed within the herb stratum was rice cut grass (*Leersia oryzoides*) and reed canary grass (*Phalaris arundinacea*). Rice cut grass (*Leersia oryzoides*) is an OBL species while reed canary grass (*Phalaris arundinacea*) is a FACW species. Additionally, white mulberry (*Morus alba*) and black walnut (*Juglans nigra*) was observed to be the dominate vegetation within the sapling/shrub stratum. White mulberry (*Morus alba*) is a FAC species and black walnut (*Juglans nigra*) is FACU species. Black walnut (*Juglans nigra*) and American sycamore (*Platanus occidentalis*) were observed to be dominate within the tree stratum. Black walnut (*Juglans nigra*) is a FACU species while American sycamore (*Platanus occidentalis*) is a FACW species. One hydric soil indicator, Redox Dark Surface (F6), was observed at this data point. This data point exhibited one primary wetland hydrology indicator which was Saturation (A3), and one secondary wetland hydrology indicators including: FAC-Neutral Test (D5). This data point exhibited all three criteria to be considered within a wetland.

Data point D2 was taken approximately 20 feet northeast of data point D1. The dominant vegetation observed within the herb stratum was annual bluegrass (*Poa annua*) which is a FACU species. Hydric soil and wetland hydrology indicators were not observed at this data point. This data point failed to meet any of the three criterions to be considered within a wetland.

Wetland E is a PEM wetland located within the eastern survey area (Des. No. 1800256) approximately 100 feet east of Central Railroad Company of Indiana. Wetland E is 0.041 acre in size. This wetland would likely be considered poor quality primarily due to its small size, low species diversity, and disturbance from the roadway. Wetland E is connected hydrologically to Muddy Fork Sand Creek by a vegetated ditch outside the survey area located just north of SR 46 at a lower relief. This vegetated ditch is connected to the Greensburg Reservoir via an NHD line (canal ditch). The outlet of Greensburg Reservoir flows into Muddy Fork Sand Creek. Wetland E likely drains into Muddy Fork Sand Creek and therefore provides a hydrological connection to a TNW. As discussed previously in the streams section, Muddy Fork Sand Creek contributes overland perennial flow to the East Fork White River, a TNW. Since Wetland E provides a hydrologic connection to a TNW it is likely *Water of the United States*. This connection is shown via aerial and topographic mapping coupled with the NHD canal ditch line in the attachments on USGS Topo Map (Page A3), NHD Map 1 of 2 (Page A15), Water Resources Map 2 of 3 (Page A22), and Photo Location Map 5 of 8 (Page A29). Two data points (E1 and E2) were taken to determine the boundaries of Wetland E. A discussion of data points E1 and E2 are provided below.

Data point E1 was taken within Wetland E. The dominant vegetation observed at data point E1 was broadleaf cattail (*Typha latifolia*) and Franks sedge (*Carex fankii*) both of which are OBL species One hydric soil indicator, Loamy Mucky Mineral (F1), was observed at this data point. This data point exhibited three primary wetland hydrology indicators including: Surface Water (A1), High Water Table (A2), and Saturation (A3), and one secondary wetland hydrology indicator of Crayfish Burrows (C8). This data point exhibited all three criteria to be considered within a wetland.

Data point E2 was taken approximately 10 feet northeast of data point E1. The dominant vegetation observed within data point E2 was prairie dropseed (*Sporobolus heterolepis*), which is a FACU species, and common chives (*Allium schoenoprasum*), which is a FAC species. Hydric soil and wetland hydrology indicators were not observed at this data point. This data point failed to meet any of the three criterions to be considered within a wetland.

Open Water:

No open water was observed within or adjacent to the survey area.

Conclusions:

A field investigation was conducted on June 9, 2021 by RQAW Corporation to evaluate the presence of *Waters of the United States* for the SR 46 Pavement Improvements Project in Decatur County, Indiana. Field observations identified one intermittent stream (UNT 1 to Muddy Fork Sand Creek) and two perennial streams (Muddy Fork to Sand Creek and UNT 1 to Sand Creek) and five wetlands (Wetland A – E) within the survey areas.

Based on their contribution of perennial or intermittent overland flow to the East Fork White River, a TNW, UNT 1 to Muddy Fork Sand Creek, Muddy Fork to Sand Creek, and UNT 1 to Sand Creek would likely be considered

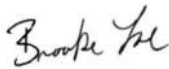
Waters of the United States. Based on their hydrological connection to a TNW, Wetlands A – E, are likely *Waters of the United States.*

Every effort should be taken to avoid and minimize impacts to these waterways. If impacts are necessary, then mitigation may be required. The INDOT Ecology and Waterway Permitting Section should be contacted immediately if impacts will occur. The final determination of jurisdictional waters is ultimately made by the U.S. Army Corps of Engineers. This report is our best judgement based on the guidelines set forth by the Corps.

Acknowledgement:

This waters determination has been prepared based on the best available information, interpreted in the light of the investigator’s training, experience and professional judgement in conformance with the 1987 Corps of Engineers Wetlands Delineation Manual, the appropriate regional supplement, the USACE Jurisdictional Determination Form Instructional Guidebook, and other appropriate agency guidelines.

Prepared by:



October 7, 2021
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**Table 1: Stream Summary
SR 46 Pavement Improvements Project
Decatur County, Indiana
Des. Nos. 1800255 and 1800256**

Stream Name	Photos	Lat/Long	OHWM Width (feet)	OHWM Depth (feet)	USGS Blue-line?	Riffles/ Pools?	Substrate	Total linear ft/acre	Quality	Flow Regime	Likely Water of U.S.?
UNT 1 to Muddy Fork Sand Creek	53, 65-66	39.33415° N -85.51508° W	4.5	0.33	No	No	Silt	95 linear feet (0.01 acre)	Poor	Intermittent	Yes
Muddy Fork Sand Creek	79-81	39.33591° N -85.51215° W	31	1.5	Perennial	Yes	Sand/Fine Gravel/Cobble	157 linear feet (0.112 acre)	Average	Perennial	Yes
UNT 1 to Sand Creek	162-163, 166-167	39.33669° N -85.4792° W	11.2	0.58	Perennial	Yes	Sand	213 linear feet (0.055 acre)	Average	Perennial	Yes

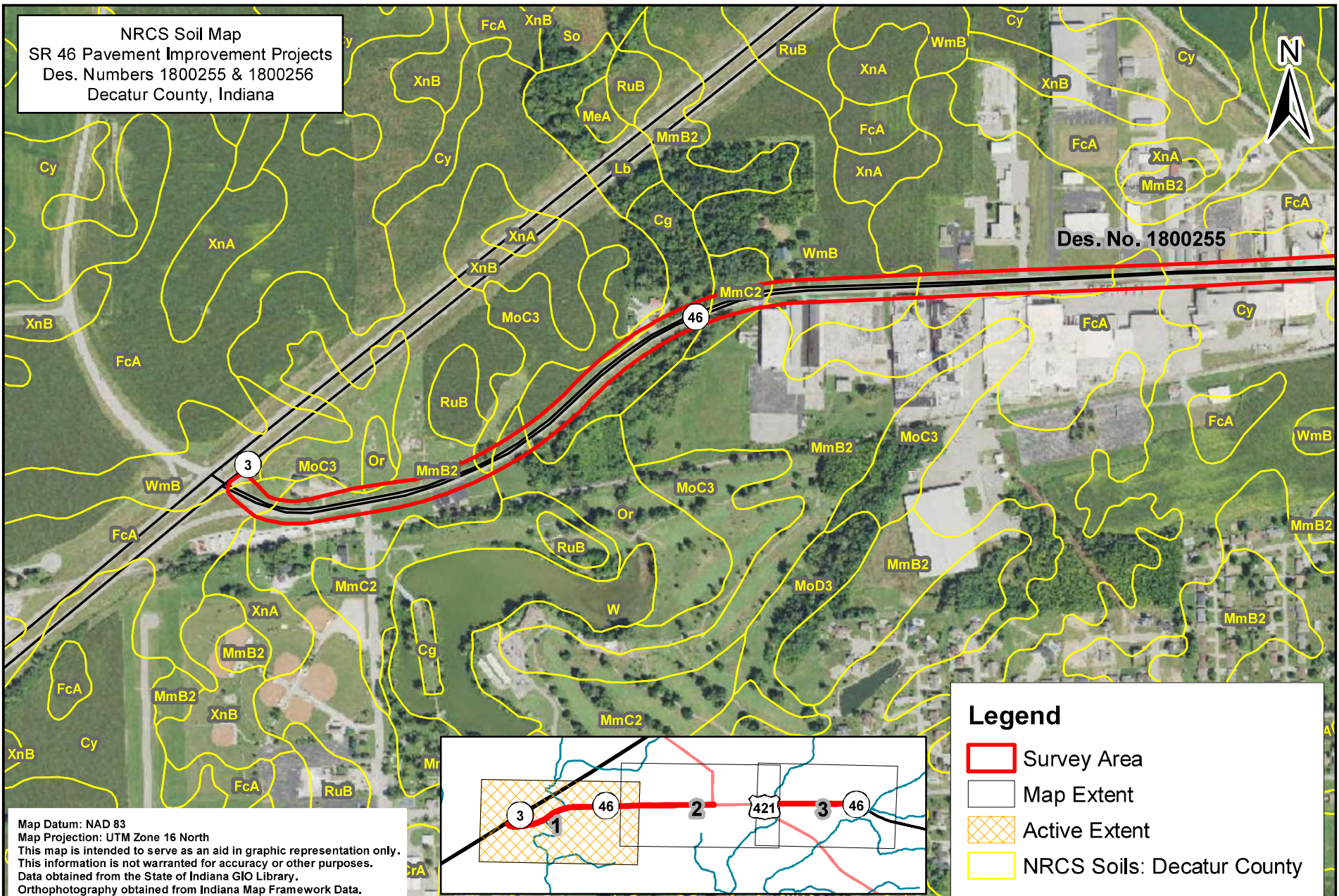
**Table 2: Wetland Summary
SR 46 Pavement Improvements Project
Decatur County, Indiana
Des. Nos. 1800255 and 1800256**

Wetland Name	Photos	Lat/Long	Type	Wetland Quality	Total Area (acres)	Likely Water of U.S.?
Wetland A	3-4, 7	39.33354° N -85.52061° W	PEM	Poor	0.041	Yes
Wetland B	20, 23-25, 27, 29, 31-32	39.33341° N -85.51832° W	PEM	Poor	0.081	Yes
Wetland C	46-47, 51-55	39.33409° N -85.51572° W	PEM	Poor	0.188	Yes
Wetland D	57-60, 64	39.33396° N -85.51548° W	PEM	Poor	0.012	Yes
Wetland E	116-118, 121-124	39.33659° N -85.4981° W	PEM	Poor	0.041	Yes

**Table 3: Data Point Summary
 SR 46 Pavement Improvements Project
 Decatur County, Indiana
 Des. Nos. 1800255 and 1800256**

Data Point	Vegetation?	Hydric Soil?	Wetland Hydrology?	Wetland?
A1	YES	YES	YES	YES
A2	NO	NO	NO	NO
B1	YES	YES	YES	YES
B2	NO	NO	NO	NO
C1	YES	YES	YES	YES
C2	NO	NO	NO	NO
C3	YES	YES	YES	YES
D1	YES	YES	YES	YES
D2	NO	NO	NO	NO
E1	YES	YES	YES	YES
E2	NO	NO	NO	NO

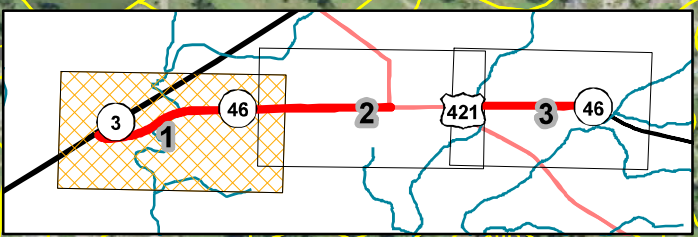
NRCS Soil Map
 SR 46 Pavement Improvement Projects
 Des. Numbers 1800255 & 1800256
 Decatur County, Indiana



Map Datum: NAD 83
 Map Projection: UTM Zone 16 North
 This map is intended to serve as an aid in graphic representation only.
 This information is not warranted for accuracy or other purposes.
 Data obtained from the State of Indiana GIO Library.
 Orthophotography obtained from Indiana Map Framework Data.

Legend

- Survey Area
- Map Extent
- Active Extent
- NRCS Soils: Decatur County

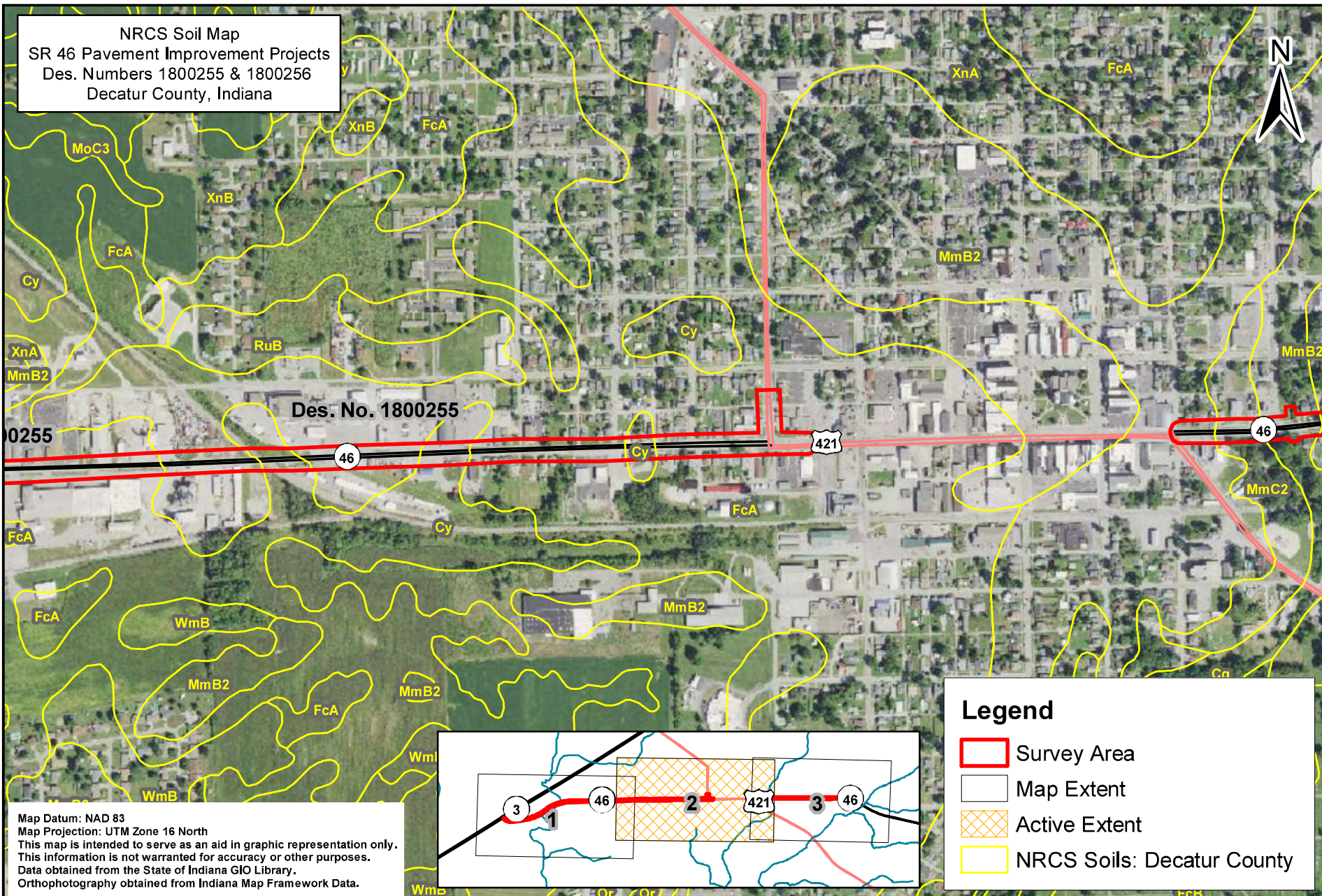


NRCS Soil Map 1 of 3

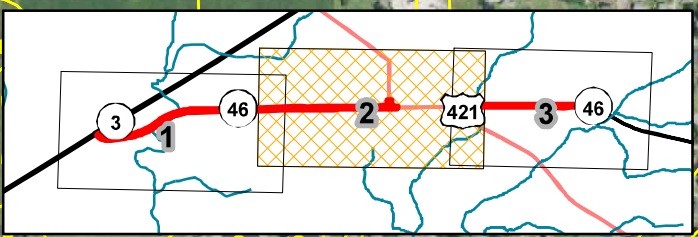
0 0.175 0.35 0.7 Miles

Location: SR 46
 Township: Washington
 County: Decatur
 Date: 03/02/2021

NRCS Soil Map
SR 46 Pavement Improvement Projects
Des. Numbers 1800255 & 1800256
Decatur County, Indiana



Map Datum: NAD 83
 Map Projection: UTM Zone 16 North
 This map is intended to serve as an aid in graphic representation only.
 This information is not warranted for accuracy or other purposes.
 Data obtained from the State of Indiana GIO Library.
 Orthophotography obtained from Indiana Map Framework Data.



Legend

- Survey Area
- Map Extent
- Active Extent
- NRCS Soils: Decatur County



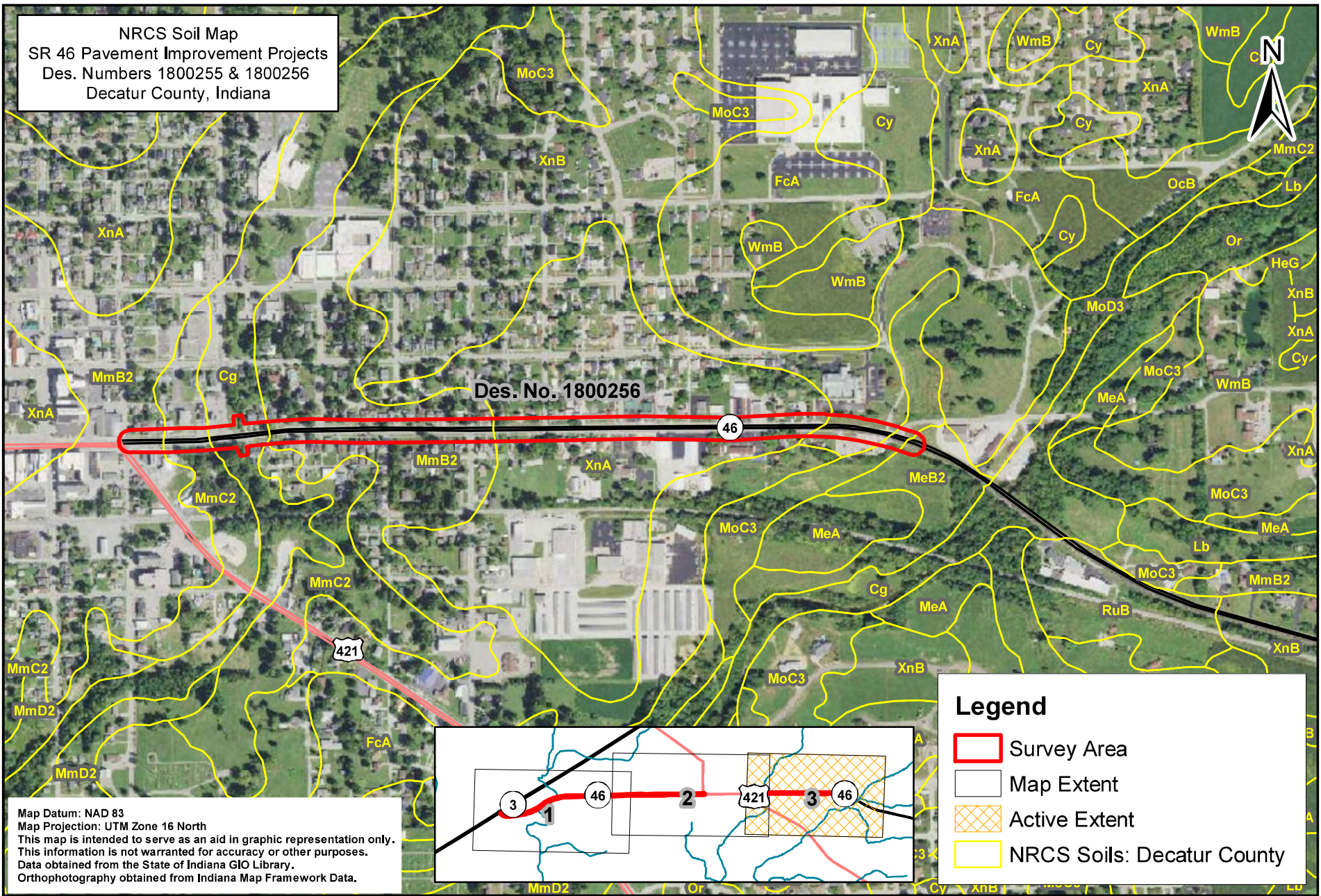
NRCS Soil Map 2 of 3

Miles

0
0.175
0.35
0.7

Location: SR 46
 Township: Washington
 County: Decatur
 Date: 03/02/2021

NRCS Soil Map
 SR 46 Pavement Improvement Projects
 Des. Numbers 1800255 & 1800256
 Decatur County, Indiana



Des. No. 1800256

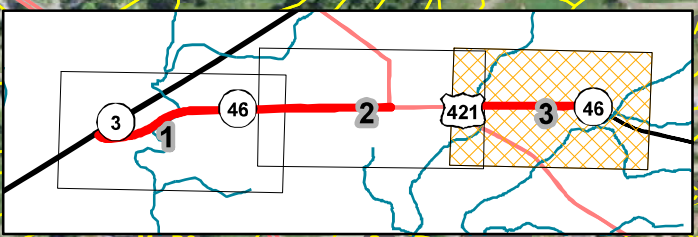
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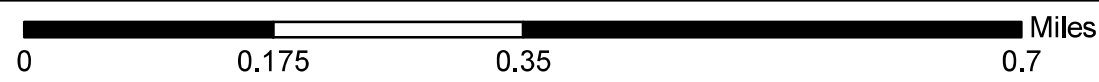
Legend

- Survey Area
- Map Extent
- Active Extent
- NRCS Soils: Decatur County

Map Datum: NAD 83
 Map Projection: UTM Zone 16 North
 This map is intended to serve as an aid in graphic representation only.
 This information is not warranted for accuracy or other purposes.
 Data obtained from the State of Indiana GIO Library.
 Orthophotography obtained from Indiana Map Framework Data.



NRCS Soil Map 3 of 3



Location: SR 46
 Township: Washington
 County: Decatur
 Date: 03/02/2021

Hydric Rating by Map Unit

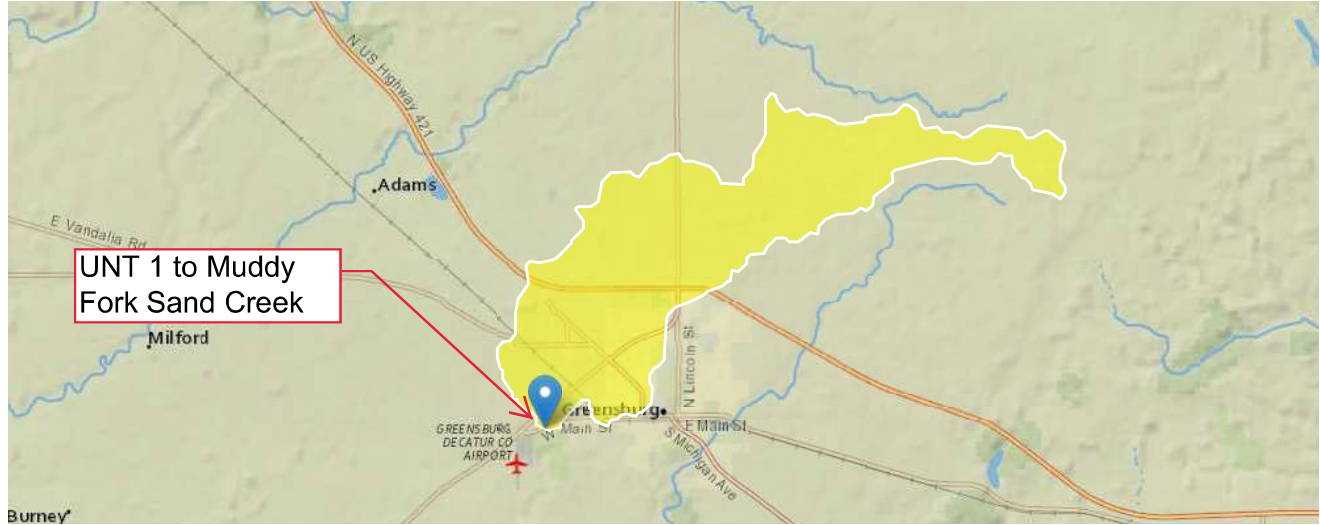
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
Cg	Chagrin loam, frequently flooded	0	3.1	11.9%
Cy	Cyclone silt loam, 0 to 2 percent slopes	85	7.1	27.1%
FcA	Fincastle silt loam, 0 to 2 percent slopes	10	8.6	32.9%
MmB2	Miami silt loam, 2 to 6 percent slopes, eroded	5	3.2	12.4%
MmC2	Miami silt loam, 6 to 12 percent slopes, eroded	5	0.9	3.4%
MoC3	Miami clay loam, 6 to 12 percent slopes, severely eroded	0	0.4	1.4%
Or	Orrville silt loam, frequently flooded	3	0.6	2.4%
WmB	Williamstown silt loam, 2 to 6 percent slopes, eroded	5	2.2	8.5%
XnA	Xenia silt loam, Southern Ohio Till Plain, 0 to 2 percent slopes	5	0.0	0.0%
Totals for Area of Interest			26.3	100.0%

Hydric Rating by Map Unit

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
Cg	Chagrin loam, frequently flooded	0	1.0	8.1%
MeB2	Martinsville loam, 2 to 6 percent slopes, eroded	0	0.2	1.9%
MmB2	Miami silt loam, 2 to 6 percent slopes, eroded	5	3.9	33.0%
MmC2	Miami silt loam, 6 to 12 percent slopes, eroded	5	0.7	5.8%
MoC3	Miami clay loam, 6 to 12 percent slopes, severely eroded	0	0.3	2.4%
XnA	Xenia silt loam, Southern Ohio Till Plain, 0 to 2 percent slopes	5	4.8	40.2%
XnB	Xenia silt loam, 2 to 4 percent slopes	10	1.0	8.5%
Totals for Area of Interest			12.0	100.0%

StreamStats Report Des No 1800255

Region ID: IN
Workspace ID: IN20210811155729289000
Clicked Point (Latitude, Longitude): 39.33410, -85.51498
Time: 2021-08-11 11:57:54 -0400



Basin Characteristics			
Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	12.399	square miles
T2INDNR	Average transmissivity (ft ² /d) for the full depth of unconsolidated deposits from InDNR well database.	1228	square feet per day
LOWREG	Low Flow Region Number	1729	dimensionless
QSSPERMTHK	Index of the permeability of surficial Quaternary sediments computed as in SIR 2014-5177	47.15	dimensionless
LC01FOREST	Percentage of forest from NLCD 2001 classes 41-43	2.6	percent
K2INDNR	Average hydraulic conductivity (ft/d) for the full depth of unconsolidated deposits from InDNR well database.	16	ft per day
CSL10_85	Change in elevation divided by length between points 10 and 85 percent of distance along main channel to basin divide - main channel method not known	10.5	feet per mi

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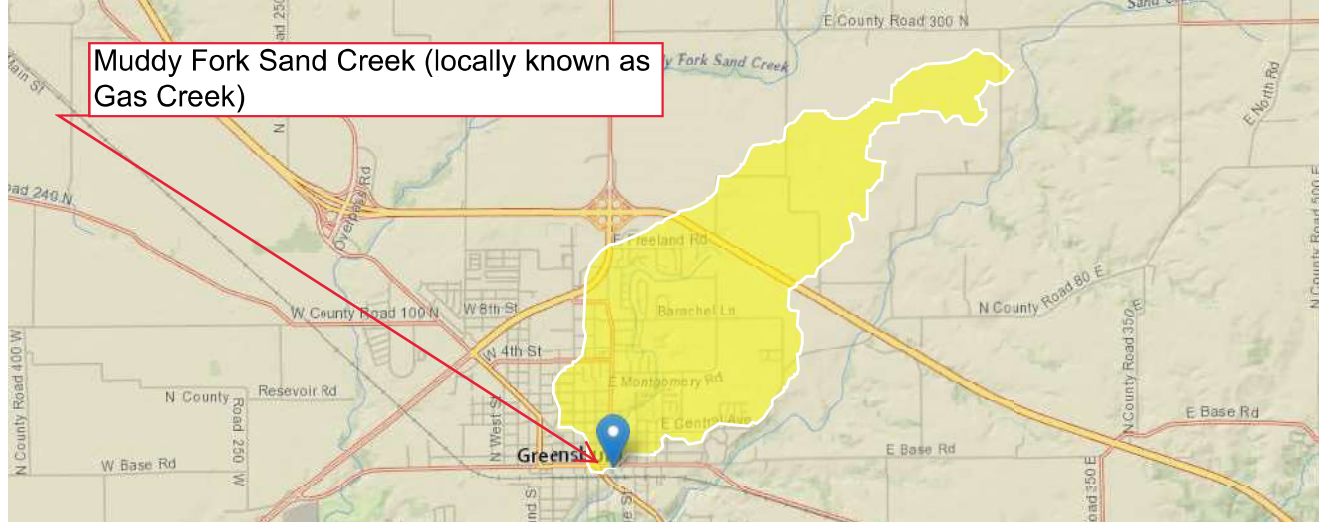
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Application Version: 4.6.2
 StreamStats Services Version: 1.2.22
 NSS Services Version: 2.1.2

StreamStats Report Des. No. 1800256

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Time: 2021-08-11 12:08:44 -0400



Basin Characteristics			
Parameter Code	Parameter Description	Value	Unit
CSL10_85	Change in elevation divided by length between points 10 and 85 percent of distance along main channel to basin divide - main channel method not known	13.4	feet per mi
DRNAREA	Area that drains to a point on a stream	3.392	square miles
K2INDNR	Average hydraulic conductivity (ft/d) for the full depth of unconsolidated deposits from InDNR well database.	14	ft per day
LC01FOREST	Percentage of forest from NLCD 2001 classes 41-43	1.8	percent
LOWREG	Low Flow Region Number	1729	dimensionless
QSSPERMTHK	Index of the permeability of surficial Quaternary sediments computed as in SIR 2014-5177	43.98	dimensionless
T2INDNR	Average transmissivity (ft ² /d) for the full depth of unconsolidated deposits from InDNR well database.	1083	square feet per day

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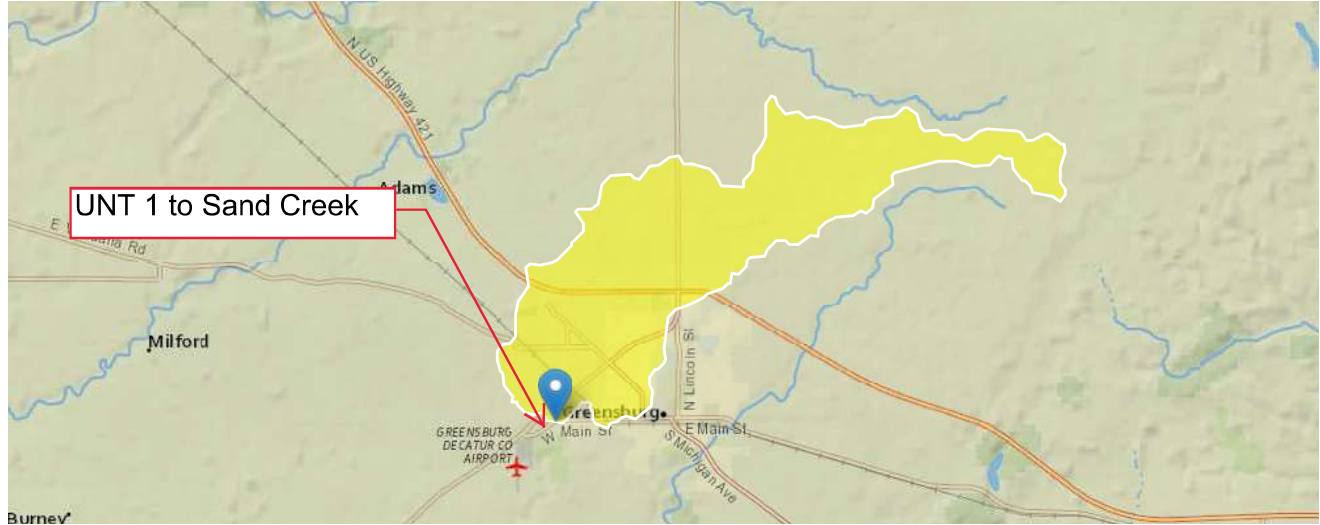
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Application Version: 4.6.2
 StreamStats Services Version: 1.2.22
 NSS Services Version: 2.1.2

StreamStats Report Des. No. 1800255

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Time: 2021-08-11 12:04:39 -0400



Basin Characteristics				
Parameter Code	Parameter Description	Value	Unit	
CSL10_85	Change in elevation divided by length between points 10 and 85 percent of distance along main channel to basin divide - main channel method not known	10.1	feet per mi	
DRNAREA	Area that drains to a point on a stream	12.342	square miles	
K2INDNR	Average hydraulic conductivity (ft/d) for the full depth of unconsolidated deposits from InDNR well database.	16	ft per day	
LC01FOREST	Percentage of forest from NLCD 2001 classes 41-43	2.5	percent	
LOWREG	Low Flow Region Number	1729	dimensionless	
QSSPERMTHK	Index of the permeability of surficial Quaternary sediments computed as in SIR 2014-5177	47.25	dimensionless	
T2INDNR	Average transmissivity (ft ² /d) for the full depth of unconsolidated deposits from InDNR well database.	1229	square feet per day	

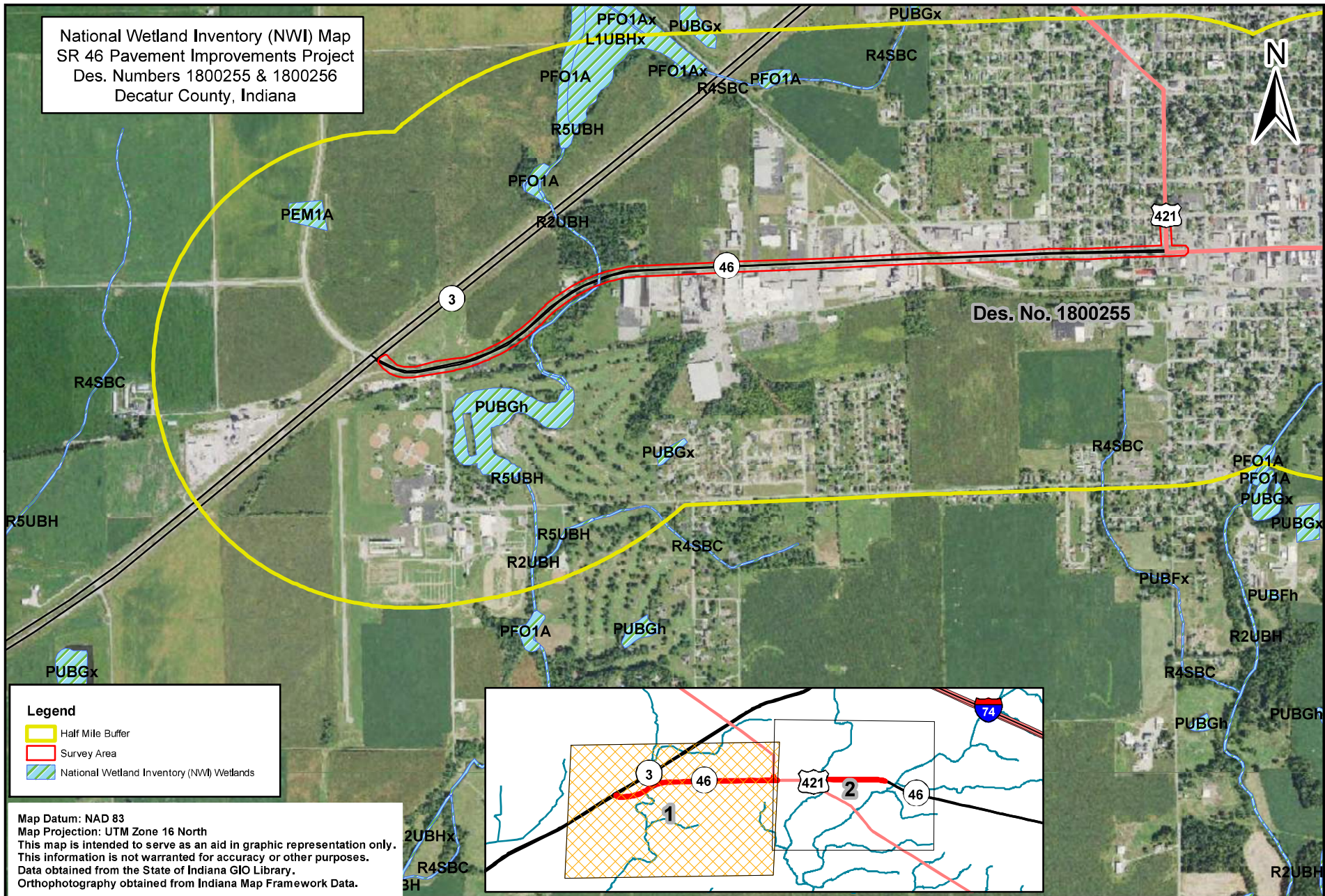
USGS Data Disclaimer: Unless otherwise stated, all data, metadata and related materials are considered to satisfy the quality standards relative to the purpose for which the data were collected. Although these data and associated metadata have been reviewed for accuracy and completeness and approved for release by the U.S. Geological Survey (USGS), no warranty expressed or implied is made regarding the display or utility of the data for other purposes, nor on all computer systems, nor shall the act of distribution constitute any such warranty.

USGS Software Disclaimer: This software has been approved for release by the U.S. Geological Survey (USGS). Although the software has been subjected to rigorous review, the USGS reserves the right to update the software as needed pursuant to further analysis and review. No warranty, expressed or implied, is made by the USGS or the U.S. Government as to the functionality of the software and related material nor shall the fact of release constitute any such warranty. Furthermore, the software is released on condition that neither the USGS nor the U.S. Government shall be held liable for any damages resulting from its authorized or unauthorized use.

USGS Product Names Disclaimer: Any use of trade, firm, or product names is for descriptive purposes only and does not imply endorsement by the U.S. Government.

Application Version: 4.6.2
 StreamStats Services Version: 1.2.22
 NSS Services Version: 2.1.2

National Wetland Inventory (NWI) Map
 SR 46 Pavement Improvements Project
 Des. Numbers 1800255 & 1800256
 Decatur County, Indiana

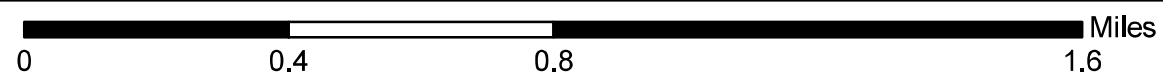


Legend

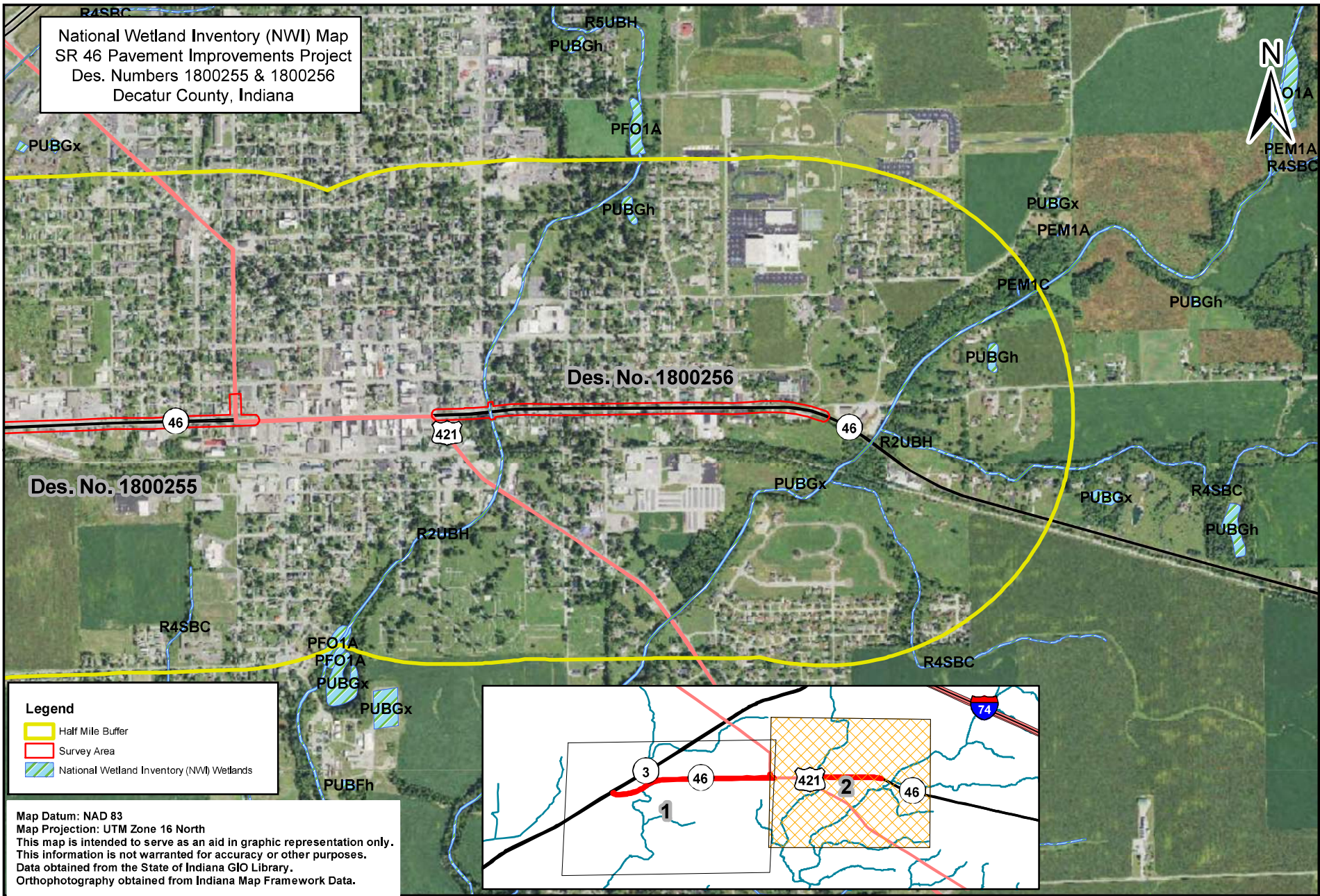
- Half Mile Buffer
- Survey Area
- National Wetland Inventory (NWI) Wetlands

Map Datum: NAD 83
 Map Projection: UTM Zone 16 North
 This map is intended to serve as an aid in graphic representation only.
 This information is not warranted for accuracy or other purposes.
 Data obtained from the State of Indiana GIO Library.
 Orthophotography obtained from Indiana Map Framework Data.

NWI Map 1 of 2



Location: SR 46
 Township: Washington
 County: Decatur
 Date: 03/02/2021



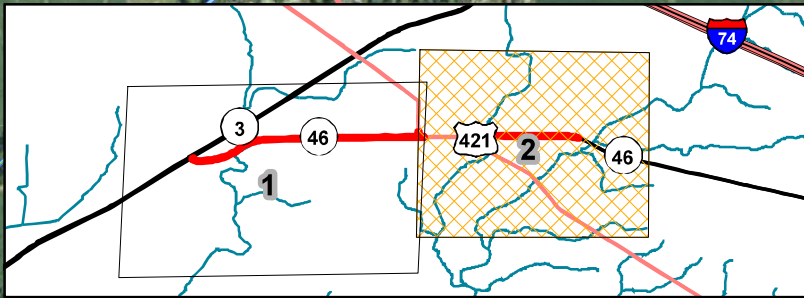
National Wetland Inventory (NWI) Map
 SR 46 Pavement Improvements Project
 Des. Numbers 1800255 & 1800256
 Decatur County, Indiana



Legend

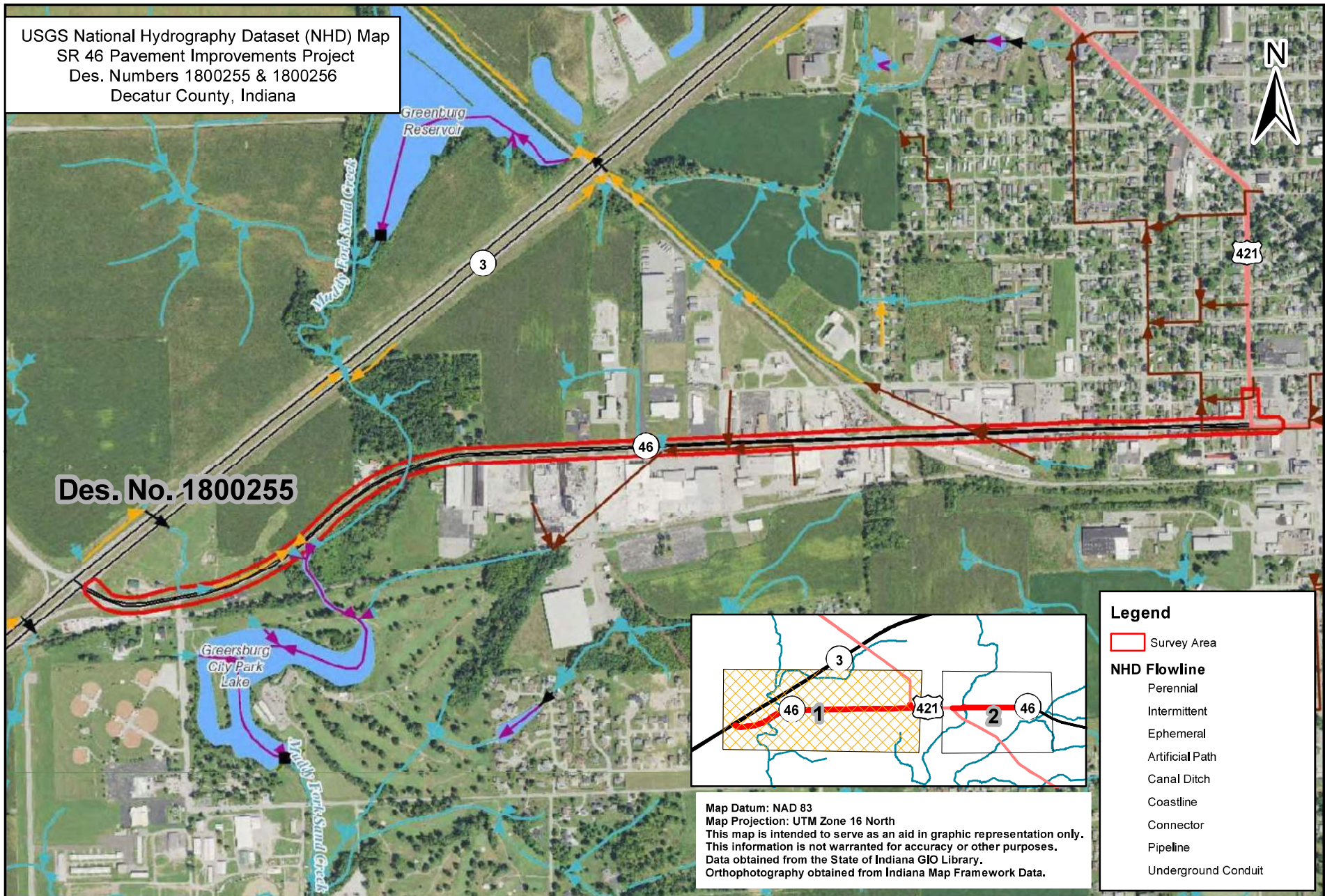
- Half Mile Buffer
- Survey Area
- National Wetland Inventory (NWI) Wetlands

Map Datum: NAD 83
 Map Projection: UTM Zone 16 North
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 Data obtained from the State of Indiana GIO Library.
 Orthophotography obtained from Indiana Map Framework Data.



	NWI Map 2 of 2		Location: SR 46 Township: Washington County: Decatur Date: 03/02/2021

USGS National Hydrography Dataset (NHD) Map
 SR 46 Pavement Improvements Project
 Des. Numbers 1800255 & 1800256
 Decatur County, Indiana

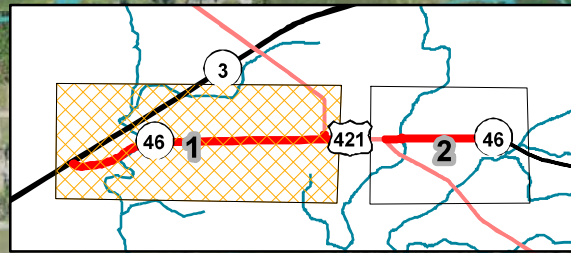


Des. No. 1800255

Legend

- Survey Area
- NHD Flowline**

 - Perennial
 - Intermittent
 - Ephemeral
 - Artificial Path
 - Canal Ditch
 - Coastline
 - Connector
 - Pipeline
 - Underground Conduit



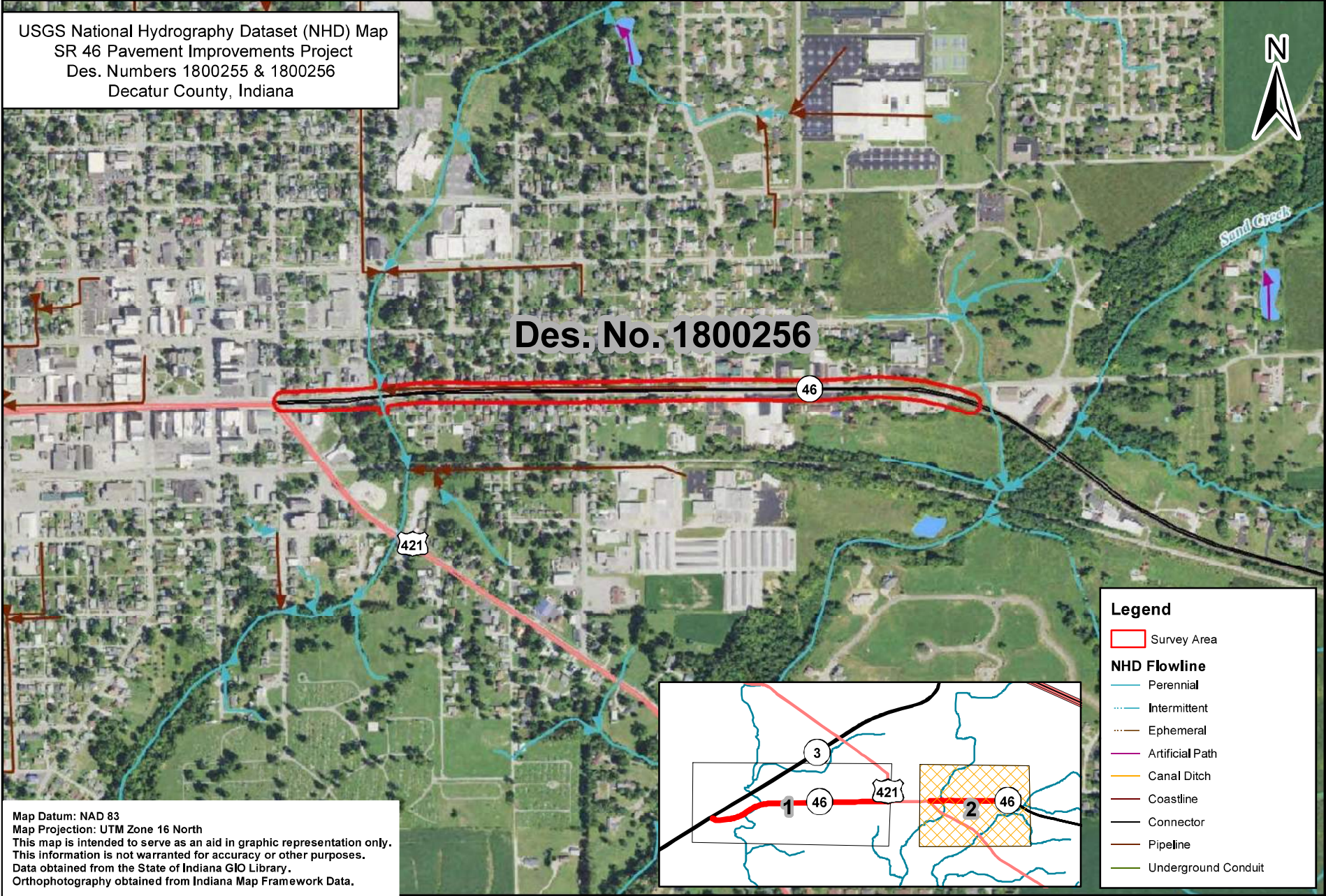
Map Datum: NAD 83
 Map Projection: UTM Zone 16 North
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 Data obtained from the State of Indiana GIO Library.
 Orthophotography obtained from Indiana Map Framework Data.



NHD Map 1 of 2

0 0.275 0.55 1.1 Miles

Location: SR 46
Township: Washington
County: Decatur
Date: 03/02/2021

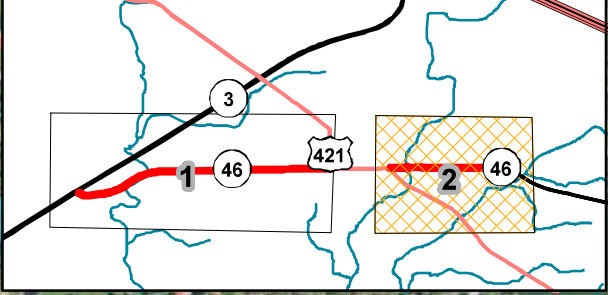


USGS National Hydrography Dataset (NHD) Map
 SR 46 Pavement Improvements Project
 Des. Numbers 1800255 & 1800256
 Decatur County, Indiana

Des. No. 1800256

- Legend**
- Survey Area
 - NHD Flowline**
 - Perennial
 - Intermittent
 - Ephemeral
 - Artificial Path
 - Canal Ditch
 - Coastline
 - Connector
 - Pipeline
 - Underground Conduit

Map Datum: NAD 83
 Map Projection: UTM Zone 16 North
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 Orthophotography obtained from Indiana Map Framework Data.



NHD Map 2 of 2

0 0.2 0.4 0.8 Miles

Location: SR 46
Township: Washington
County: Decatur
Date: 03/02/2021



FLOOD HAZARD INFORMATION
SEE FIRM REPORT FOR DETAILED LEGEND AND INDEX MAP FOR DRAFT FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, C, D
		With BFE or Depth Zone AE, AO, AH, VE, AR
OTHER AREAS OF FLOOD HAZARD		Regulatory Floodway
		0.2% Annual Chance Flood Hazard, Areas of 1% Annual Chance Flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Continuum, 1% Annual Chance Flood Hazard Zone 1
		Area with Reduced Flood Risk due to Levee See Note Zone 1
OTHER AREAS		Area with Flood Risk due to Levee Zone D
		NO SCREEN Area of Minimal Flood Hazard Zone X
GENERAL STRUCTURES		Effective LOMbs
		Area of Undetermined Flood Hazard Zone D
OTHER FEATURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
		Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Coastal Transect boundary
		Public Roadway
		Hydrographic Feature
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary

NOTES TO USERS

For information and questions about this Flood Insurance Rate Map (FIRM), including products associated with the FIRM, including policies and rates, the current map date for each FIRM panel, and the products, contact the National Flood Insurance Program (NFIP) in general. Please call the FEMA Map Information Exchange at 1-800-354-7701 or visit the FEMA Flood Service Center website at www.fema.gov. Flood products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or special provisions notices. Many of these products can be ordered or obtained directly from the website.

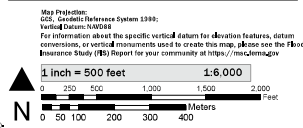
Community and countywide map dates, refer to the Flood Insurance Study Report for this jurisdiction. To determine flood insurance availability in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-354-7701.

Baseline information shown on this FIRM was prepared in digital format by the United States Geological Survey (USGS). The baseline shown is the USGS National Water Information System (NWIS) data, 2005.

This map was updated from FEMA's National Flood Hazard Layer (NFHL) 090201 141 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and associated information may change subsequent to this date and time. For additional information, please see the Flood Hazard Mapping System Overview Fact Sheet at <http://www.fema.gov/nfhl>.

The map symbols with FIRM's identifying the use of digital flood data are not as described below. The baseline shown on this FIRM is based on FEMA's National Accuracy Standards. This map represents the use of the original FIRM's identifying map symbols for flood hazard mapping. Flood hazard, legend, and other information, map creation date, community identifier, FIRM panel number, and FIRM effective date.

SCALE



NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP

PANEL 134 of 265

Panel Contains:

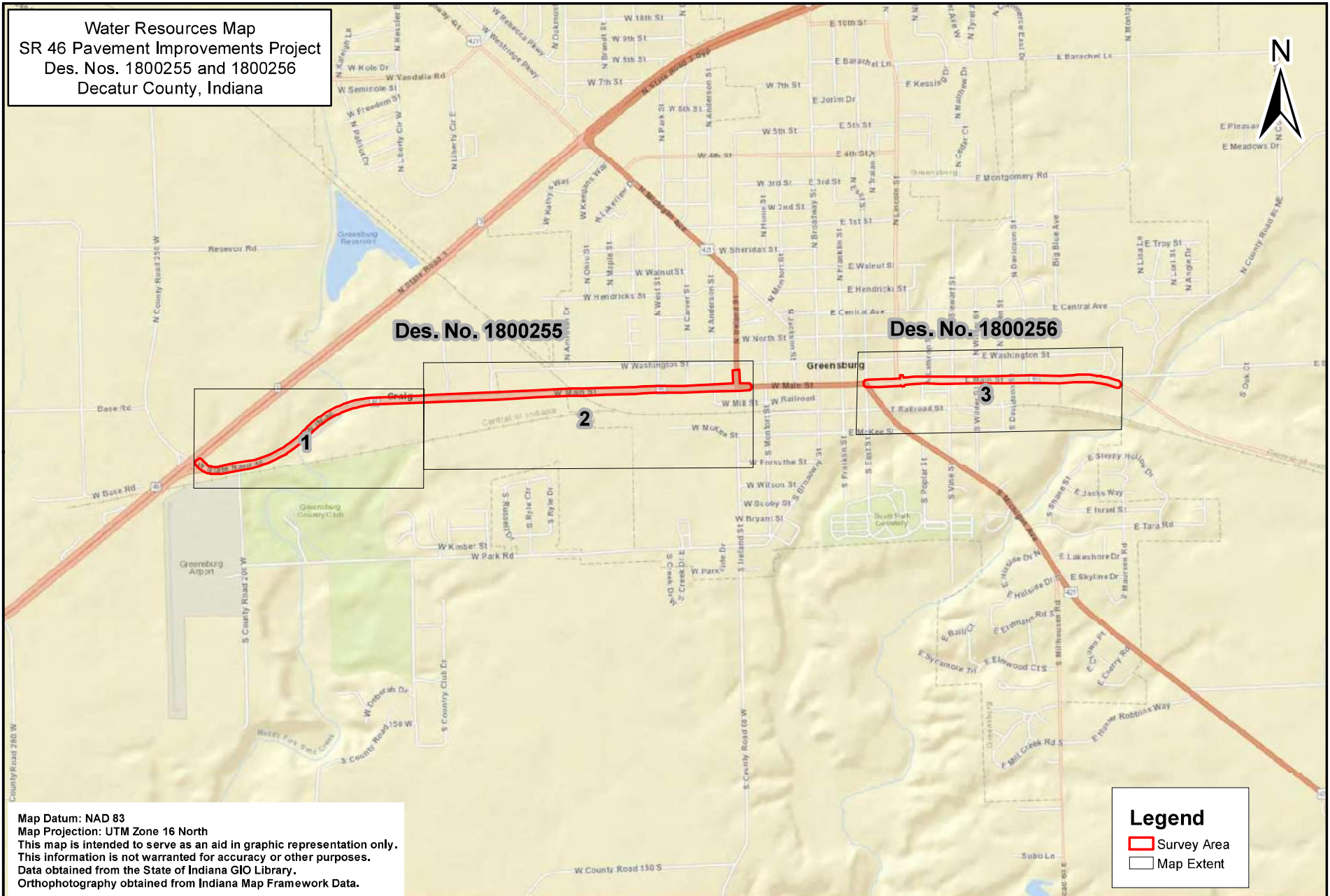
COMMUNITY	NUMBER	PANEL
CITY OF GREENSBURG	180043	0134
DECATUR COUNTY	180430	0134

FEMA National Flood Insurance Program

MAP NUMBER 18031C0134D
EFFECTIVE DATE October 16, 2013

approved 10/21/2021,27


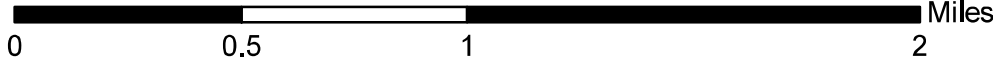
Water Resources Map
 SR 46 Pavement Improvements Project
 Des. Nos. 1800255 and 1800256
 Decatur County, Indiana



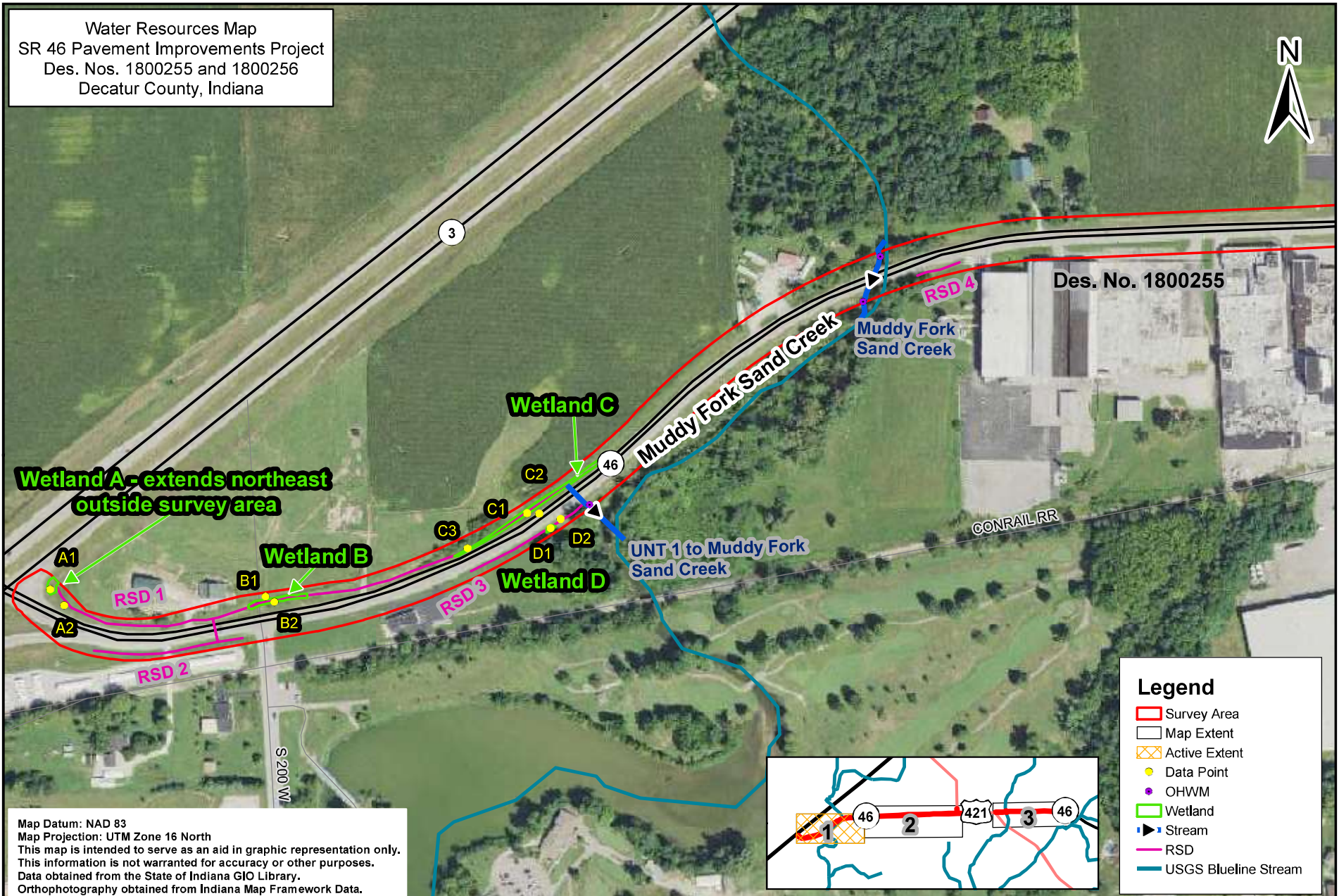
Map Datum: NAD 83
 Map Projection: UTM Zone 16 North
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 This information is not warranted for accuracy or other purposes.
 Data obtained from the State of Indiana GIO Library.
 Orthophotography obtained from Indiana Map Framework Data.

Legend

- Survey Area
- Map Extent

	Water Resources Index Map	Location: SR 46 Township: Washington County: Decatur Date: 03/02/2021
		

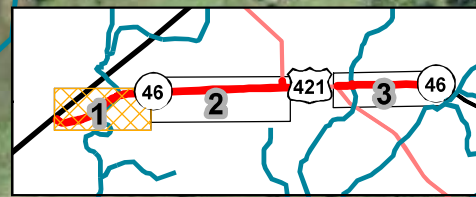
Water Resources Map
 SR 46 Pavement Improvements Project
 Des. Nos. 1800255 and 1800256
 Decatur County, Indiana




Map Datum: NAD 83
 Map Projection: UTM Zone 16 North
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 Orthophotography obtained from Indiana Map Framework Data.

Legend

- Survey Area
- Map Extent
- Active Extent
- Data Point
- OHWM
- Wetland
- ▶ Stream
- RSD
- USGS Blueline Stream

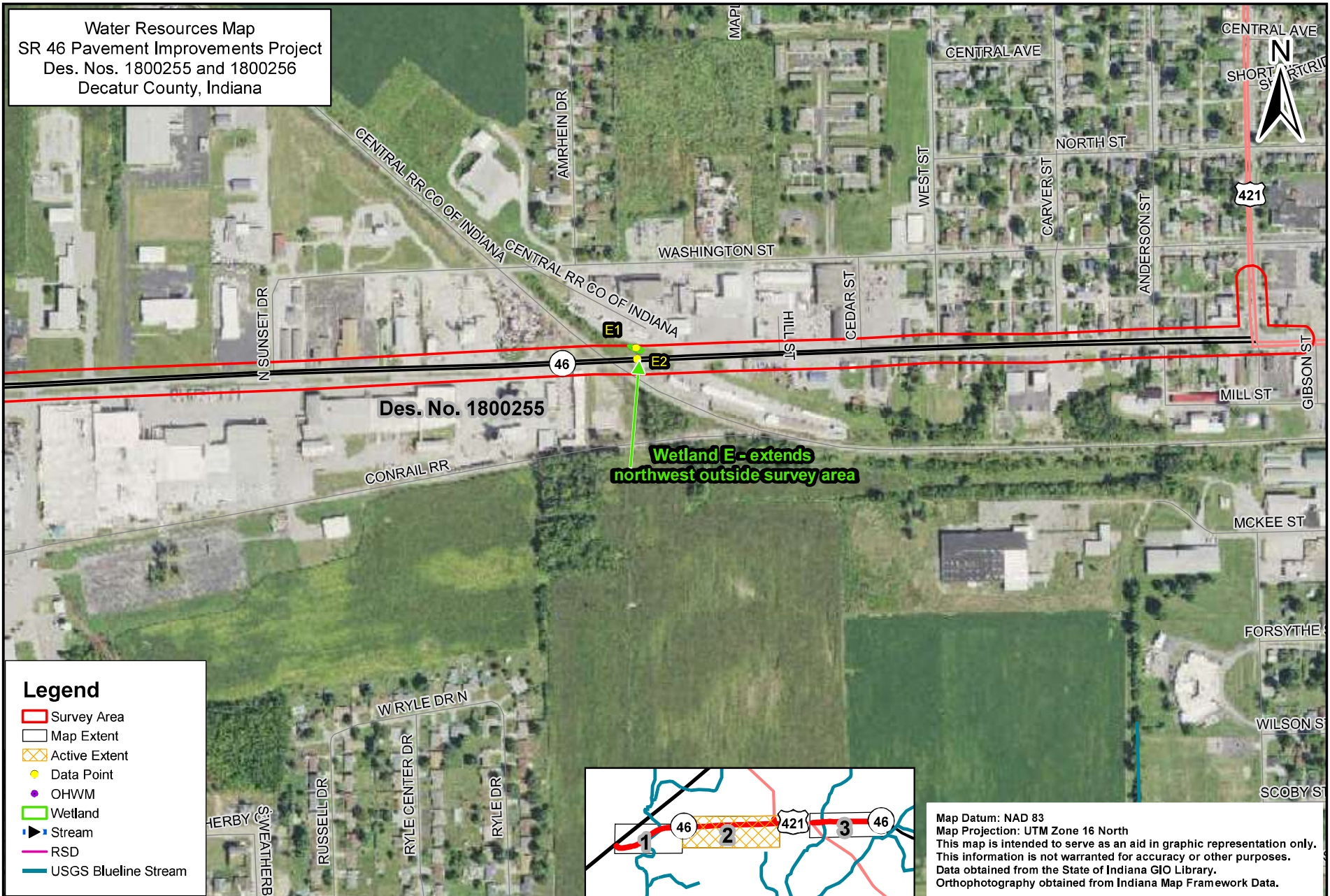




Water Resources Map 1 of 3

Location: SR 46
 Township: Washington
 County: Decatur
 Date: 03/02/2021

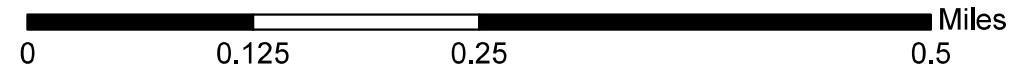
Water Resources Map
 SR 46 Pavement Improvements Project
 Des. Nos. 1800255 and 1800256
 Decatur County, Indiana



Map Datum: NAD 83
 Map Projection: UTM Zone 16 North
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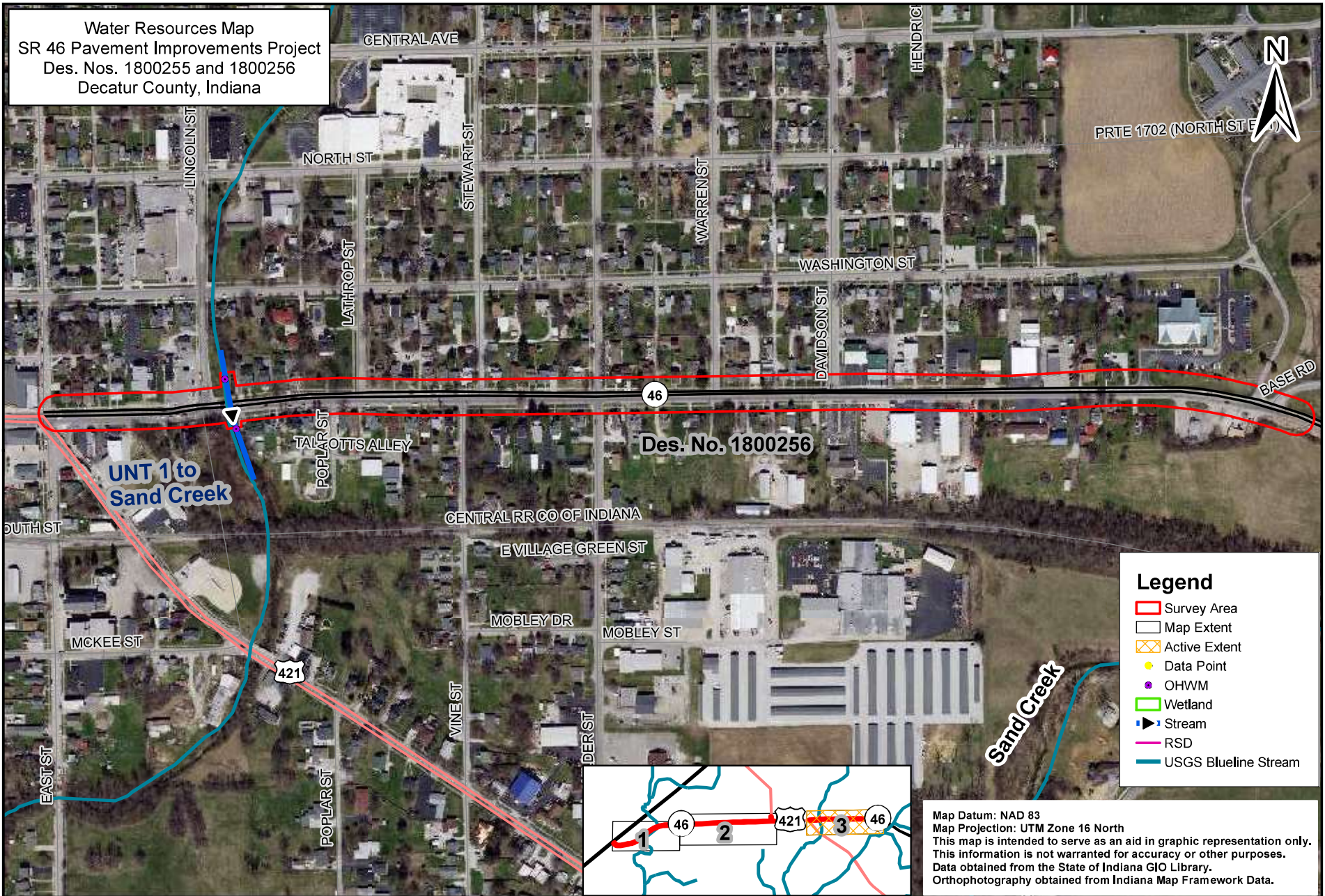


Water Resources Map 2 of 3



Location: SR 46
 Township: Washington
 County: Decatur
 Date: 03/02/2021

Water Resources Map
 SR 46 Pavement Improvements Project
 Des. Nos. 1800255 and 1800256
 Decatur County, Indiana



Legend

- Survey Area
- Map Extent
- Active Extent
- Data Point
- OHWM
- Wetland
- ▶ Stream
- ▶ RSD
- ▶ USGS Blueline Stream

Map Datum: NAD 83
 Map Projection: UTM Zone 16 North
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 Orthophotography obtained from Indiana Map Framework Data.



Water Resources Map 3 of 3

0 0.1 0.2 0.4 Miles

Location: SR 46
Township: Washington
County: Decatur
Date: 03/02/2021

Appendix 2 - PRELIMINARY JURISDICTIONAL DETERMINATION (PJD) FORM

BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR PJD: October 7, 2021

B. NAME AND ADDRESS OF PERSON REQUESTING PJD: Brooke Fox, RQAW Corporation
8770 North Street, Suite 110, Fishers, IN. 46038

C. DISTRICT OFFICE, FILE NAME, AND NUMBER:

D. PROJECT LOCATION(S) AND BACKGROUND INFORMATION:

Project Description:

The Federal Highway Administration (FHWA) and Indiana Department of Transportation (INDOT), Seymour District propose to proceed with a pavement improvements project on SR 46 in Decatur County, Indiana. The proposed project is divided into two sections with two separate Des. Numbers (1800255 and 1800256).

Des. No. 1800255: The project limits are from SR 3 to the west junction with United States Highway (US) 421, totaling approximately 1.8 miles in length. From the SR 3 and SR 46 intersection to the Central Railroad Company of Indiana (CIND) railroad crossing, the proposed project will involve milling and Hot Mix Asphalt (HMA) preventative maintenance overlay (including shoulders), with partial and full depth pavement patching at various locations. From the CIND railroad crossing through the west junction with US 421, the proposed project will involve a full depth pavement replacement. Also included in this section of the project will be the replacement and/or construction of a stormwater sewer system with curb and gutter, sanitary sewer, water main reconstruction, and street lighting. The intersections of West Street, Carver Street, Anderson Street, and US 421 (Ireland Street) will be reconstructed to meet current Americans with Disabilities Act (ADA) and Public Right of Way Accessibility Guidelines (PROWAG) standards. The existing sidewalks along the north side of SR 46 from the railroad crossing to the west junction of US 421 will be reconstructed or constructed if not existing which is approximately 0.5 miles in length. They will be reconstructed or constructed if not existing along the south side from approximately 220 feet west of West Street to the west junction of US 421. Additionally, the turning radii of the northeast quadrant of the west junction of US 421 will be improved by moving the curb back, and associated adjustments to the curb ramps, and signal poles.

Des. No. 1800256: The project limits begin from the east junction of the US 421 and SR 46 intersection to approximately 134 feet beyond Base Road in the eastern direction, totaling approximately 0.8 miles in length. The proposed project will involve full depth pavement replacement, and reconstruction/construction of sidewalks along SR 46 from the east junction of US 421 to the drive to the Greensburg Public Library (which is located approximately 0.09 mile west of the Base Road intersection). Along the north side of SR 46, from Lincoln Street to the Greensburg Public Library (approximately 0.6 miles), the existing sidewalk will be replaced with an up to 10 ft multi-use path. Additionally, the south side of SR 46 will have 5 ft. sidewalks and a 5 ft. grass buffer. The replacement and/or construction of a stormwater sewer system with curb and gutter, water main reconstruction, and street lighting will also be included for this portion of the project. Travel and parking lanes will be modified to one travel lane in each direction with parking along the south side of SR 46, roughly between Lincoln St. and Vine St., and parking on the north side between Stewart St. and Davidson St. Additionally, the traffic signal at the Lincoln Street intersection will be replaced. From the drive to the Greensburg Public Library to the eastern project termini, an HMA preventative maintenance overlay is anticipated, which is approximately 0.12 mile in length.

(USE THE TABLE BELOW TO DOCUMENT MULTIPLE AQUATIC RESOURCES AND/OR AQUATIC RESOURCES AT DIFFERENT SITES)

State: Indiana

County/parish/borough: Decatur

City: Greensburg, IN

Center coordinates of site (lat/long in degree decimal format):

Des. No. 1800255:

Lat.: 39.33637° N

Long.: -85.50148° W

Universal Transverse Mercator: 16S 629145 4355175

Des. No. 1800256:

Lat.: 39.33666° N

Long.: -85.47290° W

Universal Transverse Mercator: 16S 631608 4355249

Name of nearest waterbody: Greensburg City Park Lake

E. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):

Office (Desk) Determination. Date:

Field Determination. Date(s):

TABLE OF AQUATIC RESOURCES IN REVIEW AREA WHICH "MAY BE" SUBJECT TO REGULATORY JURISDICTION.

Site number	Latitude (decimal degrees)	Longitude (decimal degrees)	Estimated amount of aquatic resource in review area (acreage and linear feet, if applicable)	Type of aquatic resource (i.e., wetland vs. non-wetland waters)	Geographic authority to which the aquatic resource "may be" subject (i.e., Section 404 or Section 10/404)
UNT 1 to Muddy Fork Sand Creek	39.33415° N	-85.51508° W	95 linear feet (0.01 acre)	Non-wetland	Non Section 10/Section404
Muddy Fork Sand Creek	39.33591° N	-85.51215° W	157 linear feet (0.112 acre)	Non-wetland	Non Section 10/Section404
UNT 1 to Sand Creek	39.33669° N	-85.4792° W	213 linear feet (0.055 acre)	Non-wetland	Non Section 10/Section404
Wetland A	39.33354° N	-85.52061° W	0.041 acre	Wetland	Non Section 10/Section404

Wetland B	39.33341° N	-85.51832° W	0.081 acre	Wetland	Non Section 10/Section404
Wetland C	39.33409° N	-85.51572° W	0.188 acre	Wetland	Non Section 10/Section404
Wetland D	39.33396° N	-85.51548° W	0.012 acre	Wetland	Non Section 10/Section404
Wetland E	39.33659° N	-85.4981° W	0.041 acre	Wetland	Non Section 10/Section404

- 1) The Corps of Engineers believes that there may be jurisdictional aquatic resources in the review area, and the requestor of this PJD is hereby advised of his or her option to request and obtain an approved JD (AJD) for that review area based on an informed decision after having discussed the various types of JDs and their characteristics and circumstances when they may be appropriate.
- 2) In any circumstance where a permit applicant obtains an individual permit, or a Nationwide General Permit (NWP) or other general permit verification requiring “pre- construction notification” (PCN), or requests verification for a non-reporting NWP or other general permit, and the permit applicant has not requested an AJD for the activity, the permit applicant is hereby made aware that: (1) the permit applicant has elected to seek a permit authorization based on a PJD, which does not make an official determination of jurisdictional aquatic resources; (2) the applicant has the option to request an AJD before accepting the terms and conditions of the permit authorization, and that basing a permit authorization on an AJD could possibly result in less compensatory mitigation being required or different special conditions; (3) the applicant has the right to request an individual permit rather than accepting the terms and conditions of the NWP or other general permit authorization; (4) the applicant can accept a permit authorization and thereby agree to comply with all the terms and conditions of that permit, including whatever mitigation requirements the Corps has determined to be necessary; (5) undertaking any activity in reliance upon the subject permit authorization without requesting an AJD constitutes the applicant’s acceptance of the use of the PJD; (6) accepting a permit authorization (e.g., signing a proffered individual permit) or undertaking any activity in reliance on any form of Corps permit authorization based on a PJD constitutes agreement that all aquatic resources in the review area affected in any way by that activity will be treated as jurisdictional, and waives any challenge to such jurisdiction in any administrative or judicial compliance or enforcement action, or in any administrative appeal or in any Federal court; and (7) whether the applicant elects to use either an AJD or a PJD, the JD will be processed as soon as practicable. Further, an AJD, a proffered individual permit (and all terms and conditions contained therein), or individual permit denial can be administratively appealed pursuant to 33 C.F.R. Part 331. If, during an administrative appeal, it becomes appropriate to make an official determination whether geographic jurisdiction exists over aquatic resources in the review area, or to provide an official delineation of jurisdictional aquatic resources in the review area, the Corps will provide an AJD to accomplish that result, as soon as is practicable. This PJD finds that there “*may be*” waters of the U.S. and/or that there “*may be*” navigable waters of the U.S. on the subject review area, and identifies all aquatic features in the review area that could be affected by the proposed activity, based on the following information:

SUPPORTING DATA. Data reviewed for PJD (check all that apply)

Checked items should be included in subject file. Appropriately reference sources below where indicated for all checked items:

- Maps, plans, plots or plat submitted by or on behalf of the PJD requestor:
Maps: Indiana GIO Library, IndianaMap, USGS, NWI
- Data sheets prepared/submitted by or on behalf of the PJD requestor.
 - Office concurs with data sheets/delineation report.
 - Office does not concur with data sheets/delineation report. Rationale: _____.
- Data sheets prepared by the Corps: _____.
- Corps navigable waters' study: _____.
- U.S. Geological Survey Hydrologic Atlas: USGS TNM-NHD: Data Refreshed October, 2020
 - USGS NHD data.
 - USGS 8 and 12 digit HUC maps.
- U.S. Geological Survey map(s). Cite scale & quad name: Forest Hill and Greensburg / 1:24,000.
- Natural Resources Conservation Service Soil Survey. Citation: NRCS Web Soil Survey: Decatur County.
- National wetlands inventory map(s). Cite name: USFWS NWI data: Decatur County.
- State/local wetland inventory map(s): _____.
- FEMA/FIRM maps: FEMA/FIRM Decatur County, Indiana.
- 100-year Floodplain Elevation is: _____.(National Geodetic Vertical Datum of 1929)
- Photographs: Aerial (Name & Date): Decatur County / NAIP Imagery 2016
or Other (Name & Date): Photos taken: June 9, 2021.
- Previous determination(s). File no. and date of response letter: _____.
- Other information (please specify): _____.

IMPORTANT NOTE: The information recorded on this form has not necessarily been verified by the Corps and should not be relied upon for later jurisdictional determinations.



10/07/2021

Signature and date of
Regulatory staff member
completing PJD

Signature and date of
person requesting PJD
(REQUIRED, unless obtaining
the signature is impracticable)¹

¹ Districts may establish timeframes for requestor to return signed PJD forms. If the requestor does not respond within the established time frame, the district may presume concurrence and no additional follow up is necessary prior to finalizing an action.

Brooke Fox

From: Sperry, Steve <SSPERRY@indot.IN.gov>
Sent: Thursday, October 21, 2021 4:44 PM
To: Brooke Fox; Summers, Terry
Cc: Curry, Jennifer; Curtis, William
Subject: [EXT] Waters Report Approval, 1800256/255, SR 46,, Decatur Co
Attachments: PD Questionnaire.docx

**** Please use caution this is an externally originating email. ****

Do not click on links or open attachments unless you recognize the sender and know the contents is safe.

Brooke,

Thank you for submitting the waters report for the above referenced project.

Terry,

The 10/7/2021 WOTUS report has been stamped approved. It has been posted to ProjectWise in the following two locations, EWPO's Ecology folder, [1800256 255 Waters Report Approved 10.21.2021.pdf](#) and Michael Baker International's Shared folder, [1800256 255 Waters Report Approved 10.21.2021.pdf](#)

The approved copy is the only report recognized by this Office. Copies that do not contain our approval stamp will not be accepted for permitting or any other use.

The information in this report should be used by the Project Designer to determine if Waters of the U.S. will be impacted by the project. If it appears that impacts will occur, then action will need to be taken to avoid them to the maximum practical extent. If avoidance is not feasible then impacts will need to be minimized to the maximum practicable extent. These steps must be taken before any mitigation can be considered. If it is determined that mitigation will be required, the Project Manager or Project Designer will need to coordinate with the Ecology and Waterway Permitting Office to discuss how this will be provided.

The Project Manager or designer should notify the Ecology and Waterway Permitting Office if there is any change to the project footprint presented in the approved report. Changes may require additional fieldwork and a new report to cover areas not previously investigated.

The report is valid for a period of five years from the date of the earliest fieldwork. If this approved report expires prior to submittal of the waterway permit applications a new report will need to be generated.

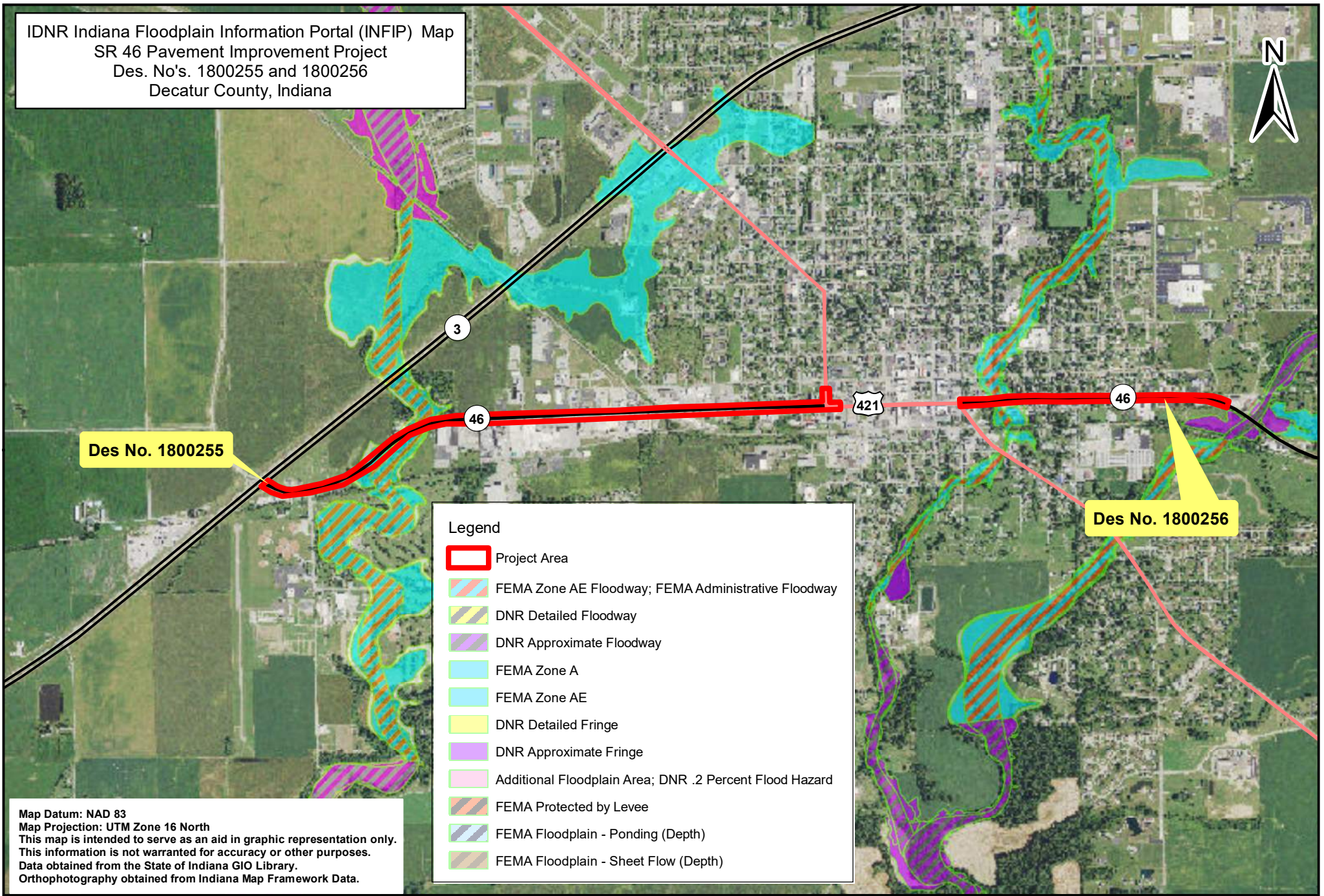
This e-mail serves as notice that the Project Designer is to complete the attached Permit Determination questionnaire. Once completed please have them submit it to [Steve Sperry](#).

If you have any questions or need additional information please contact me.

Thanks

Steve Sperry,
Ecology and Permits Coordinator, Multi-district East Team
INDOT, Office of Ecology and Waterway Permitting
100 N. Senate Ave., N758-ES
Indianapolis, IN 46204
Phone: (317)-417-3623

IDNR Indiana Floodplain Information Portal (INFIP) Map
 SR 46 Pavement Improvement Project
 Des. No's. 1800255 and 1800256
 Decatur County, Indiana



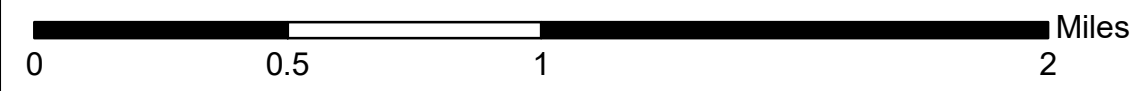
Legend

- Project Area
- FEMA Zone AE Floodway; FEMA Administrative Floodway
- DNR Detailed Floodway
- DNR Approximate Floodway
- FEMA Zone A
- FEMA Zone AE
- DNR Detailed Fringe
- DNR Approximate Fringe
- Additional Floodplain Area; DNR .2 Percent Flood Hazard
- FEMA Protected by Levee
- FEMA Floodplain - Ponding (Depth)
- FEMA Floodplain - Sheet Flow (Depth)

Map Datum: NAD 83
 Map Projection: UTM Zone 16 North
 This map is intended to serve as an aid in graphic representation only.
 This information is not warranted for accuracy or other purposes.
 Data obtained from the State of Indiana GIO Library.
 Orthophotography obtained from Indiana Map Framework Data.



IDNR INFIP Map



Location: SR 46
 Township: Washington
 County: Decatur

Categorical Exclusion
Appendix G
Public Involvement

November 4, 2019

EXAMPLE NOTICE OF SURVEY LETTER

RE: S.R. 46 Project, Des. Nos.: 1800255 & 1800256

Dear Property Owner,

Certified Engineering, Inc. has been selected by INDOT for field survey of the above referenced project. Our information indicates that you own property near the above proposed roadway project. Certified Engineering, Inc. will be performing a survey of the project area in the near future. It may be necessary for representatives from Certified Engineering, Inc. to enter your property to complete this work. This is permitted by law per Indiana Code (IC) 8-23-7-26. Anyone performing this type of work has been instructed to identify him or herself, if you are available, before they enter your property. If you no longer own this property or it is currently occupied by someone else, please let us know the name of the new owner or occupant so that we can contact them about the survey.

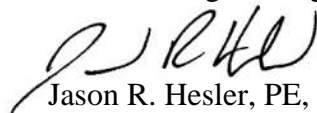
At this stage, we generally do not know what effect, if any, the project may eventually have on your property. If we later determine that your property is involved, you will be contacted with additional information.

The survey is needed for this roadway project. Please be assured of our sincere desire to cause you as little inconvenience as possible during this survey.

If any problems do occur, please contact Jason Hesler of Certified Engineering, Inc. at (317) 546-1599 or at 3939 Millersville Road, Indianapolis, Indiana 46205. Thank you in advance for your cooperation.

Sincerely,

Certified Engineering, Inc.



Jason R. Hesler, PE, PLS



INDIANA DEPARTMENT OF TRANSPORTATION

Seymour District
185 Agrico Lane
Seymour, Indiana 47274

PHONE: (855) 463-6848
FAX: (812) 522-7658

Eric Holcomb, Governor
Michael Smith, Commissioner

April 29, 2022

Re: Notice of Public Information Meeting
SR 46: Roadway Project in City of Greensburg, Decatur County, Indiana
Des. Number(s): 1800255 & 1800256

To whom it may concern:

The Indiana Department of Transportation (INDOT), Seymour District will host a public information meeting regarding the proposed SR 46 Roadway Project in Decatur County, Indiana. The meeting will be held on Tuesday, May 10, 2022, from 6:00 pm to 8:00 pm (doors open to public at 5:30 pm) at the Greensburg City Hall, 314 W. Washington Street Greensburg, IN 47240. The meeting will inform the community of the project scope, schedule, preliminary design plans. The meeting will feature a brief presentation followed by an informal discussion time. INDOT and their representatives will be available to discuss the project with the public and project plans and exhibits will be available.

This project is divided into two sections with two separate Des Nos. Des No. 1800255 encompasses the western portion of the project area, while Des No. 1800256 encompasses the eastern portion of the project area. The project limits for Des No. 1800255 are from SR 3 to the west junction with United States Highway (US) 421, totaling approximately 1.8 miles in length. The project limits of Des. No. 1800256 are from the east junction with US 421 to Base Road, totaling approximately 0.8 miles in length.

The scope of work for Des No. 1800255 would include milling and applying a Hot Mix Asphalt (HMA) with partial and full depth patching at various locations from SR 3 to the railroad crossing belonging to the Central Railroad of Indiana (CIND) railroad. From the CIND railroad to the west junction with US 421 the proposed project recommends full depth pavement replacement along with replacement and/or construction of a stormwater sewer system, sanitary sewer system, water main installation, and curb and gutter. In addition, new street lighting would be installed along this portion of the project. The intersections of West Street, Carver Street, Anderson Street, and US 421 (Ireland St.) are proposed to be reconstructed to meet current Americans with Disabilities Act (ADA) and Public Right of Way Accessibility Guidelines (PROWAG) standards. Sidewalk construction /reconstruction would occur from the Needler's (736 W. Main St.) parking lot to the SR 46 and Ireland St. intersection on both the north and south sides. In addition, from the Needler's parking lot, west to the CIND railroad crossing, there would be a sidewalk added to the north side only. The project would include reconstructing the intersection at the west junction of US 421 and SR 46 (locally known as Main Street and Ireland Street). In addition to the pavement reconstruction at this location the scope of work includes new storm sewer and inlets, improved turning radii in the northeast quadrant (moving the new curb to roughly the back of the existing sidewalk), adjusting the signal pole locations, and replacing curb ramps to meet current ADA standards.

The scope of work for Des No. 1800256 would include full depth pavement replacement, and reconstruction/construction of sidewalks along SR 46 from the east junction of US 421 to the drive to the Greensburg Public Library (approximately 0.09 mile west of the Base Road intersection). Along the north side of SR 46, it is proposed that the existing sidewalk would be replaced with a 8-10 foot-wide multi-use path. Additionally, the south side of SR 46 would have 5 foot wide sidewalks and a 5 foot wide grass buffer. The

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An Equal Opportunity Employer



replacement and/or construction of a stormwater sewer system, water main installation, street lighting, and curb and gutter is proposed for this portion of the project. The existing travel lane and parking configuration would change, but one travel lane in each direction would remain. On street parking areas along the south side of SR 46 would be from Lincoln St. to Vine St. and parking on the north side between Stewart St. and Davidson St. As part of the proposed sidewalk reconstruction, the intersection at Wilder St. would include “bump outs” at the west side of the intersection to improve pedestrian access and promote decreased traffic speed. As part of the proposed pavement replacement, the intersection at N. Lincoln St. would include 12-foot lane widths for both eastbound and westbound SR 46 travel lanes at the intersection (sidewalk buffer widths would be reduced to 5 feet to allow the wider lanes to be provided within the existing right-of-way) and the pavement markings for the eastbound left turn lane should be extended an additional 200 feet (currently 110 feet) to provide for some additional deceleration time. The traffic signals would also be replaced at this location. From the Greensburg Public Library drive to the eastern project limits (0.01 mile east of Base Road intersection), an HMA preventative maintenance overlay is anticipated.

The maintenance of traffic plan for both Des Nos (1800255 and 1800256) is anticipated to consist of a road closure with a detour route combined with phased construction. The detour route would vary for each Des No. The official state detour route for Des No. 1800255 would utilize US 421 and SR 3. The official state detour route for Des No. 1800256 would utilize I-74 (New Point Exit), SR 3, and US 421. Traffic flow would be maintained to the east at all times during construction to maintain access to properties and businesses for both Des No’s 1800255 and 1800256. Project stakeholders, including local school corporations and emergency services, will be notified at least two weeks in advance of any construction that would block or limit access. Construction of the project will require additional permanent and temporary right-of-way. The estimated construction cost is approximately \$13M with federal, state, and local funds to be used.

Preliminary design plans, comment sheet, and a pre-recorded meeting are available for a review at the INDOT, Seymour District website (Seymour.indot.in.gov) if you prefer or are unable to attend in person.

All interested persons may express their questions or concerns by submitting comments to the attention of Mitchell Wilcox at 3815 River Crossing Parkway, Suite 20, Indianapolis, IN 46240, at 317-663-8265, or at mitchell.wilcox@mbakerintl.com.

Sincerely,



Mitchell Willcox
Michael Baker International | Project Manager

AFFIDAVIT OF PUBLICATION

STATE OF INDIANA
County of Decatur

City of Greensburg

ISSUED:

The subscriber, being duly sworn, deposes and says that
he (she) is the said Jennifer Hensley of GREENSBURG DAILY NEWS
and that the foregoing notice for

INDOT DES NO. 1800255

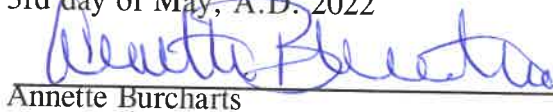
was published in said newspaper in one editions

of said newspaper issued between 05/03/2022 and 05/03/2022

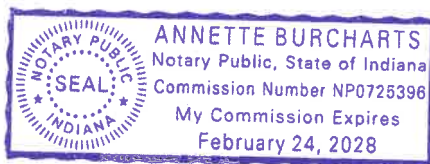
Cost: 99.08



SUBSCRIBED AND SWORN BEFORE ME THIS
3rd day of May, A.D. 2022


Annette Burcharts

Notary Public Seal, State of Indiana



Legal Notice of Public Informational Meeting

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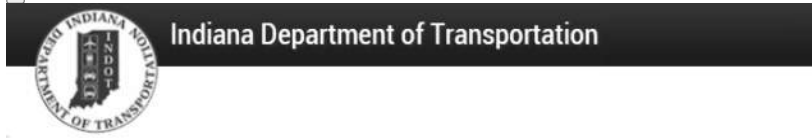
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Email Address e.g. name@example.com

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Share Bulletin



INDOT to host public information meeting May 10 for pavement reconstruction project in Greensburg

Indiana Department of Transportation sent this bulletin at 05/03/2022 08:30 AM EDT

Having trouble viewing this email? [View it as a Web page.](#)



May 3, 2022

INDOT to host public information meeting May 10 for pavement reconstruction project in Greensburg

Des. 1800255 and 1800256

Doors open at 5:30 p.m., presentation at 6 p.m. at Greensburg City Hall

GREENSBURG, Ind.— In partnership with Michael Baker International, the Indiana Department of Transportation will host a public information meeting for a roadway reconstruction project on S.R. 46 in Greensburg on Tuesday, May 10, at Greensburg City Hall (314 W. Washington Street, Greensburg, IN). The meeting will provide an opportunity for the public to learn more about the project, ask questions, and provide feedback.

As proposed, the nearly \$13 million project includes pavement replacement and asphalt resurfacing along two sections of S.R. 46; between the east junction of S.R. 3 and the west junction of U.S. 421, and the east junction of U.S. 421 and Base Road. Additionally, the project includes sidewalk replacement, ADA curb ramp upgrades, construction of a multi-use path, drainage work and additional lighting. The project aims to reset the service life of the roadway and update transportation facilities to current standards. The contract is currently scheduled to let to contractors in early 2024.

Doors will open at 5:30 p.m. to allow the public time to view displays and interact with the project team. A formal presentation will begin at 6 p.m. Project information will also be posted on the [INDOT Seymour District webpage](#) prior to May 10 and can be viewed any time.

Questions and comments may be submitted in-person at the information meeting or via email to Mitchell Wilcox (mitchell.wilcox@mbakerintl.com) with Michael Baker International.



Stay Informed

Motorists in Southeast Indiana can monitor road closures, road conditions, and traffic alerts any time via:

- Facebook: facebook.com/INDOTSoutheast
- Twitter: [@INDOTSoutheast](https://twitter.com/INDOTSoutheast)
- CARS 511: indot.carsprogram.org
- Mobile App: [iTunes App Store](#) and the [Google Play store for Android](#)



About Next Level Roads

"With a sustainable, data-driven plan in place to fund roads and bridges, Hoosiers can rest assured that Indiana will remain the Crossroads of America for generations to come." – Governor Eric J. Holcomb

Governor Holcomb's Next Level Roads plan is a fully-funded, data-driven investment in Indiana's transportation infrastructure. Implemented in 2017, Next Level Roads dedicates more than \$60 billion to construction and maintenance projects for at least the next 20 years to improve and maintain

Indiana's state highways, finish major projects, and plan for the future. The plan fosters partnerships between the state and Hoosier cities, towns, and counties to deliver high-priority local road projects. Next Level Roads is enhancing Indiana's economic edge and the quality of life for all Hoosiers. View our interactive Next Level Roads construction map at www.nextlevelroads.com.

About the Indiana Department of Transportation

Over the past 100 years, INDOT has transformed the state of Indiana into the Crossroads of America we know today. With six district offices and 3,500 employees, the agency is responsible for constructing and maintaining more than 29,000 lane miles of highways, more than 5,700 bridges, and supporting 4,500 rail miles and 117 airports across the state. Indiana once again ranked #1 in the U.S. for infrastructure in CNBC's 2019 "America's Top States for Business" ranking. Learn more about INDOT at in.gov/indot.

Customer Service

1-855-463-6848
www.indot4u.com
indot@indot.IN.gov



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Kyle J. Boot

From: Garrett, Natalie R <NaGarrett@indot.IN.gov>
Sent: Wednesday, May 4, 2022 12:43 PM
To: Wilcox, Mitchell; Walker, Annie
Cc: Summers, Terry
Subject: RE: EXTERNAL: Des1800255 & 1800256 - SR 46 Greensburg_ Templates, presentations, etc

The news release also went out yesterday and information has been shared on our social media pages today.

Natalie

SR 46 Greensburg

Pavement Overlay & Reconstruction Project

DES. 1800255 & 1822256

R-41463

East Junction of SR 3 to West Junction of US 421
East Junction of US 421 to .83 miles East of East Junction US 421
in Greensburg
Decatur County

Indiana Department of Transportation

Tuesday, May 10th
6:00pm
Greensburg City Hall



Welcome: SR 46 Pavement Overlay & Reconstruction

Project Manager:

Mitchell Wilcox, PE, Michael Baker International Inc.



Michael Baker
INTERNATIONAL



Welcome

- Purpose/explanation of public information meeting
- Public information meeting format
- Purpose and Need Overview
- Proposed Project Improvements
- Environmental Process
- Anticipated Project Schedule
- Open House/Project display area



Project Resource Locations

- Project Information can be found online at: Seymour.indot.in.gov

Transportation Services Call Center

Provides citizens and business customers with a single point of contact to request transportation services, obtain information, or provide feedback through multiple channels of communication.

855-463-6848 • INDOT4U.com • INDOT@indot.in.gov

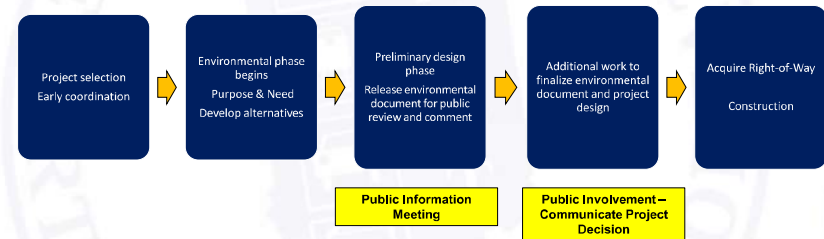


Maintenance of Traffic Plan

- SR 46 East
 - Eastbound Traffic along SR 46 will remain open during construction
- SR 46 West
 - Westbound Traffic will be detoured during construction
 - US 421 and SR 3



Project Development



Environmental Document

National Environmental Policy Act (NEPA)

- Requires INDOT to analyze and evaluate the impacts of a proposed project to the natural and socio-economic environments
- NEPA is a decision-making process
 - Purpose and Need
 - Alternatives Screening
 - Preferred Alternative
- **Impacts are analyzed, evaluated, and described in an environmental document**
 - What are the impacts this project might have on the community?
 - How can impacts be avoided?
 - Can impacts be minimized?
 - Mitigation for impacts?
- **Environmental document anticipated to be completed**
 - Fall 2022
 - Available for review via public repositories



Examples of Items Evaluated

• Environmental Process

- Establish purpose and need
 - Develop possible alternatives
 - The "Do Nothing" alternative is a baseline for comparison
 - Evaluate and screen alternatives
 - Identify a preferred alternative
 - Inform the public on environmental document and preliminary design plan
-
- | | |
|---|--|
| <ul style="list-style-type: none"> • Right-of-way • Streams, wetlands, and other waters • Floodplains • Endangered species • Farmland * Cultural resources (historic/archaeological) • Parks and recreational lands (trails) | <ul style="list-style-type: none"> • Air quality • Noise • Community impacts • Environmental justice • Hazardous materials • Permits • Mitigation • Public involvement • Commercial development |
|---|--|



Project Schedule

- Stage 3 Submittal 7/23/2023
- Final Tracings 10/06/2023
- RFC 11/6/2023
- Letting 1/18/2024
- Construction Summer 2024/2025

Questions?



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Questions?

