



Indiana Department of Environmental Management Office of Water Quality Wetlands Section

Publication Date:
November 15, 2024

Closing Date:
December 6, 2024

IDEM ID Number:
2024-925-55-MMR-WQC

Corps of Engineers ID Number:
N/A

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.

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- | | | | |
|--------------------------------|---|------------------|---|
| 1. Applicant: | Justin Schneck
Morgan County Highway Department
5400 Blue Bluff Road
Martinsville, IN 46151 | 2. Agent: | Shawn Slaymon
GAI Consultants, Inc.
201 N Illinois St, Suite 1700
Indianapolis, IN 46204 |
| 3. Project location: | Latitude 39.40592, Longitude -86.37840 | | |
| 4. Affected waterbody: | Sand Creek
UNT to Sand Creek
Jurisdictional Roadside Ditch | | |
| 5. Project Description: | Project proposes to replace bridge structure carrying Leonard Road over Sand Creek, with 46 lft of stream impact. UNT to Sand creek will be filled and realigned to flow directly into Sand Creek, resulting in 45.75 lft of stream loss. The jurisdictional roadside ditch will be realigned with a new pipe being installed, resulting in 55 lft of new encapsulation and 38 lft of stream loss. No mitigation is proposed for this project. Additional information may be found on line at https://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 may be obtained from Meghan Rose, Project Manager, by phone at 317-460-6530 or by e-mail at MMROSE@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



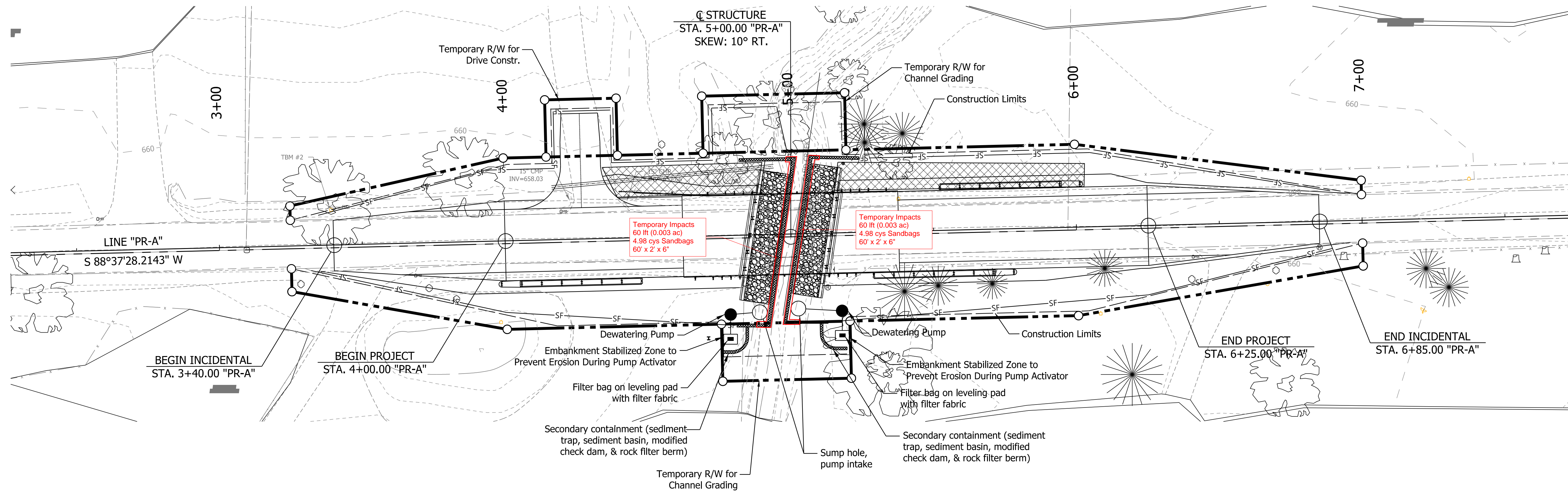
APPLICATION FOR AUTHORIZATION TO DISCHARGE DREDGED OR FILL MATERIAL TO ISOLATED WETLANDS AND/OR WATERS OF THE STATE

State Form 51821 (R2 / 11-15)

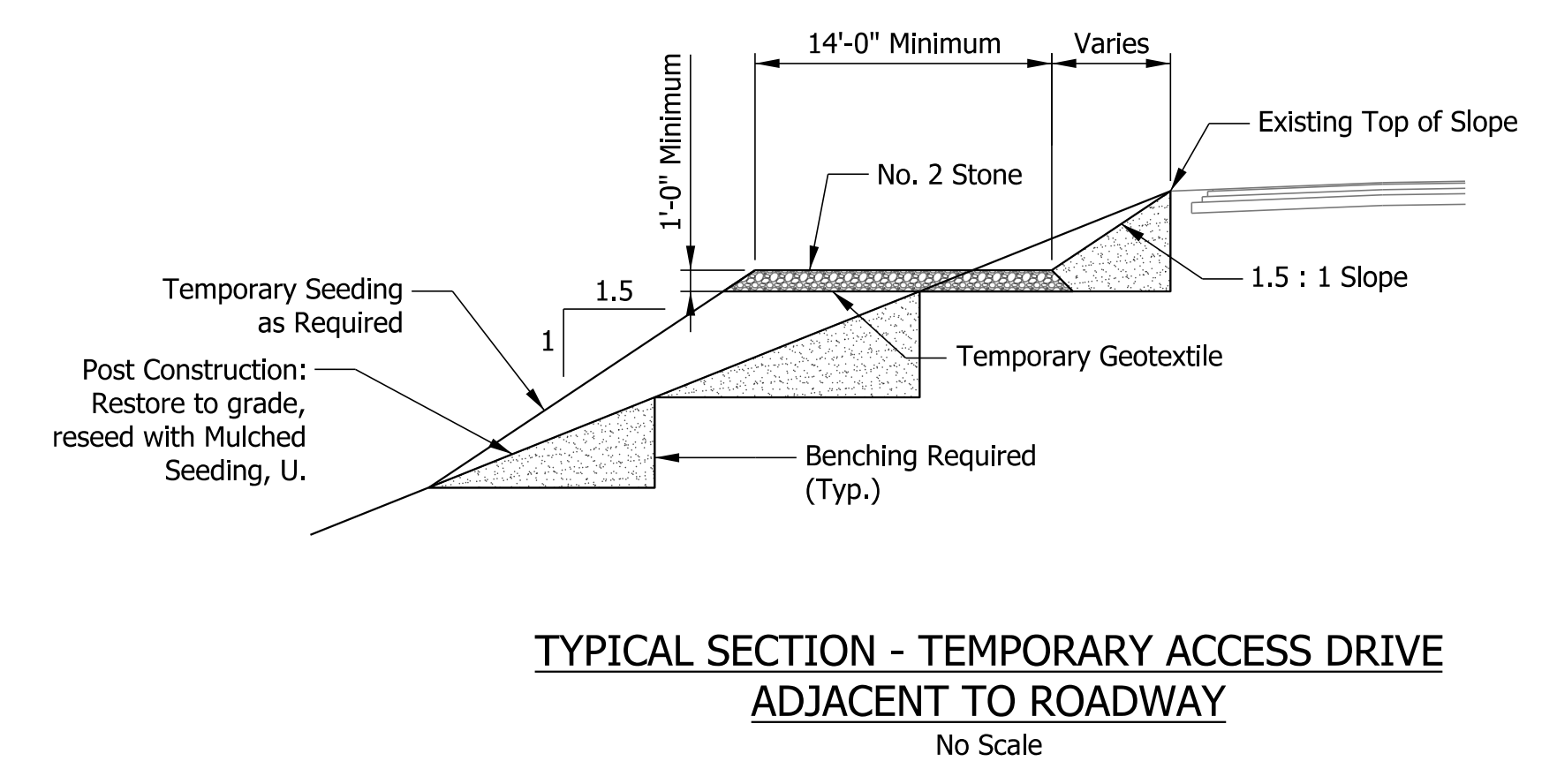
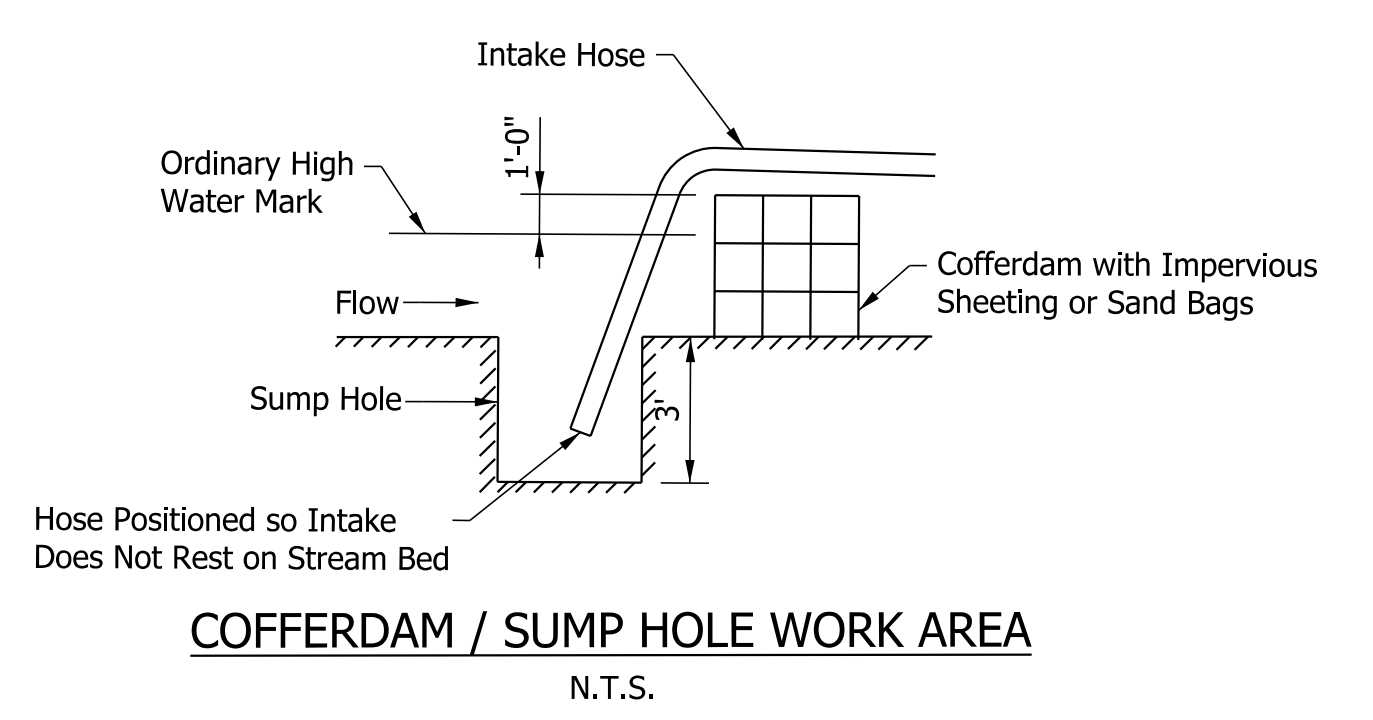
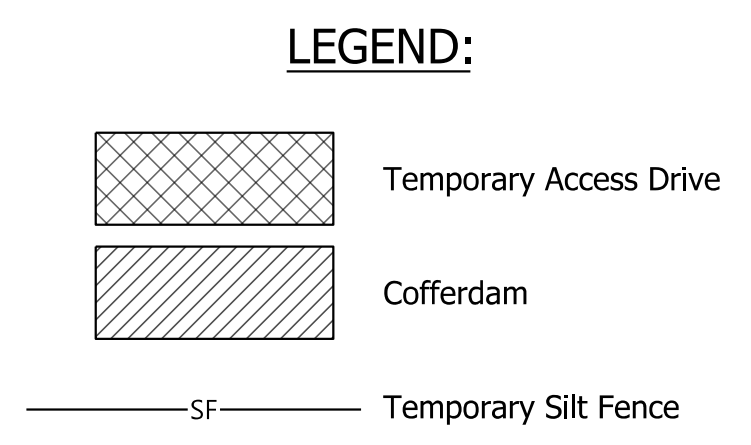
Indiana Department of Environmental Management

- INSTRUCTIONS:**
1. Read the instruction sheet before filling out this form.
 2. You must complete all applicable sections of this form

1. Applicant Information		2. Agent Information	
Name of Applicant Morgan County Highway Department		Name of Agent GAI Consultants, Inc.	
Mailing address (<i>Street/ PO Box/ Rural Route, City, State, ZIP Code</i>) 5400 Blue Bluff Road Martinsville, IN 46151		Mailing address (<i>Street/ PO Box/ Rural Route, City, State, ZIP Code</i>) 201 N. Illinois Street, Ste 1700 Indianapolis, IN 46204	
Daytime Telephone Number 317-831-7989		Daytime Telephone Number 317-436-9145	
Fax Number		Fax Number	
E-mail address (<i>optional</i>) jschneck@morgancounty.in.gov		E-mail address (<i>optional</i>) s.slaymon@gaiconsultants.com	
Contact person (<i>required</i>) Justin Schneck		Contact person Shawn Slaymon	
3. Project / Tract Location			
County Morgan		Nearest city or town Martinsville	
U.S.G.S. Quadrangle map name (<i>Topographic map</i>) Martinsville		Project street address (<i>if applicable</i>) 7045 W 25th Ave. Gary, IN 46406	
Quarter SW	Section 12	Township 11N	Range 1E
Type of aquatic resource(s) to be impacted (<i>Attach Worksheet One.</i>) Stream		Project name or title (<i>if applicable</i>) Morgan County Small Structure 1251	
Other location descriptions or driving directions From Downtown Martinsville: Head East on Morgan St toward Jefferson St for 1.2 miles. Turn right on Hospital Drive for 0.3 miles. At the roundabout, take the second exit (straight) onto IN-252 and proceed east for 1.5 miles. Turn right on County Road 275 E and head south for 0.5 miles. Turn right onto Leonard Road and head west for 500 feet to Small Structure 1251 over Sand Creek.			
4. Project Purpose and Description (<i>Use additional sheet(s) if required.</i>)			
Has any construction been started? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Anticipated start date (<i>month, day, year</i>) 6/1/2026	
If yes, how much work is completed?			
Purpose of project and overview of activities Small Structure 1251 replacement with new Morgan County Bridge 40. Small structure 1251 is rated in Serious Condition due to buckling and is currently closed to through traffic. Sand Creek permanent impacts include 46 lft, 0.005 acres with 23.118 cys of riprap going 3' below the OHWM for scour protection. Dimensions of riprap are listed on the plans sheets. UNT to Sand Creek will be filled & realigned to flow directly to Sand Creek, existing stream is 76 lft and will be shorted to 30.25 lft with 0.08 cys of fill below OHWM. Jurisdictional Roadside ditch will be realigned, with a new corrugated metal pipe. Existing 20' pipe will be removed and a 75' CMP will be installed with 55' of encapsulation and 93 lft of impacts. Project meets INDOT's Minor Project Programmatic Agreement Category A.			



PLAN
Scale: 1" = 20'



- NOTES:**
- The causeway and access drive details shown on this sheet were developed for permitting. If alternate methods are approved by the Engineer, the contractor shall be responsible for any modifications to design, details, and permits and associated cost.
 - Upon project completion, temporary fill materials will be removed, graded to original or plan specified elevations.
 - Place Silt Fence around the perimeter of Construction (Est. Qty. 600 LFT).
 - Construct stable construction entrances as per Std. Dwg. E 205-TECP-01 (Est. Qty. = 150 Tons of No. 2 Stone & 235 SYS Temporary Geotextile).
 - Provide concrete washouts as required.
 - Dewatering will not be paid for separately, and will be included in the cost of other items.

4:10:53 PM 4/10/24
 Per: Transportation.tbl Model: EC Sheet
 By: SheilaA
 Plot: 9/27/2024

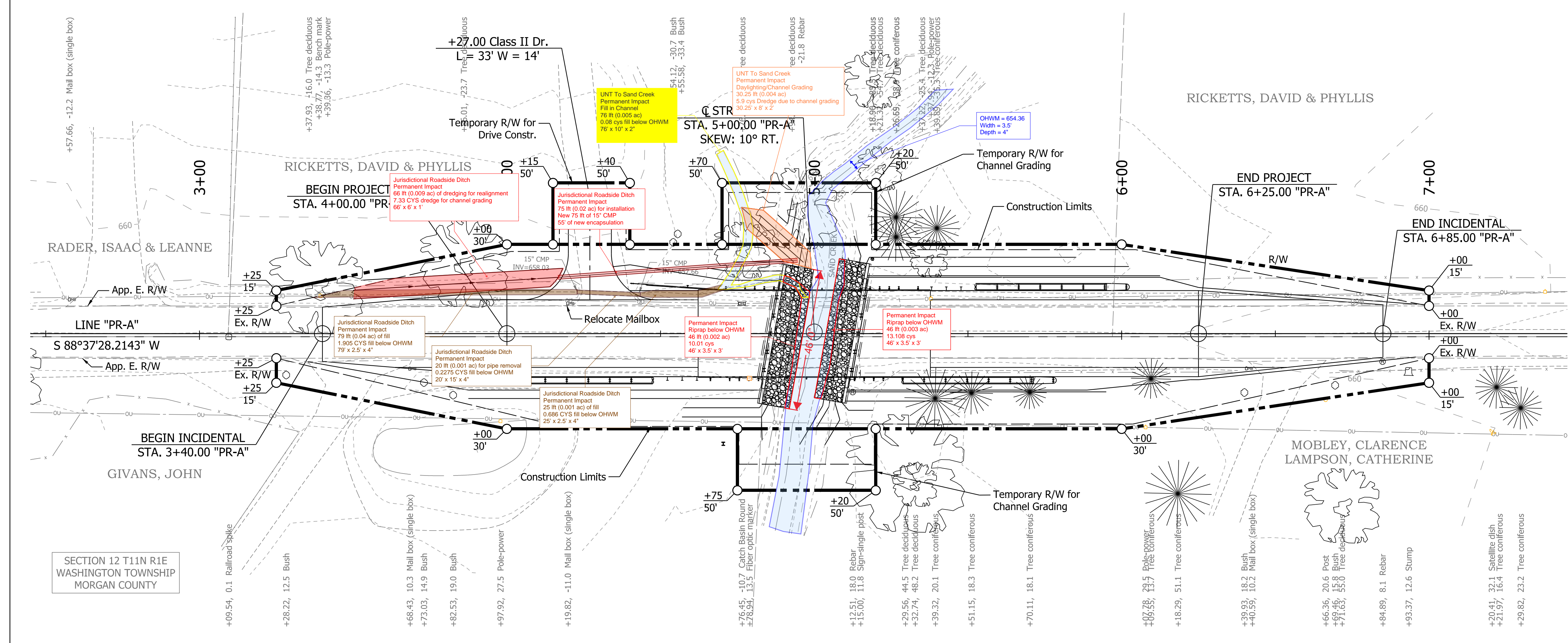


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: KJJ	DRAWN: PCR	
CHECKED: KMP	CHECKED: KMP	

MORGAN COUNTY
HIGHWAY DEPARTMENT

EROSION CONTROL PLAN

SCALE	BRIDGE FILE
AS NOTED	55-00040
VERTICAL SCALE	DESIGNATION
	--
SURVEY BOOK	SHEETS
	4 of 19
CONTRACT	PROJECT
--	MORGAN BR 00040



EXISTING STRUCTURES

The existing structure is a 14'-3" span Precast Concrete Channel Beam Bridge. Existing Structure to be removed.

EARTHWORK SUMMARY

Fill + 25%	XXXX Cys.
Excavation, Common	XXXX Cys.
Excavation, Foundation, Unclassified	XX Cys.
Borrow	XX Cys.
(Quantities to be Included at Stage 3)	

HYDRAULIC DATA

Drainage Area	0.652 sq. mi.
Design Discharge	410 cfs.
Waterway Opening Required	41.7 sq.ft.
Waterway Opening Provided	86.6 sq.ft.
Q100 Elevation	658.79 ft
Existing Q100 Headwater El.	660.28 ft.
Proposed Q100 Headwater El.	659.67 ft.
Q100 Velocity Existing	3.53 ft./sec.
Q100 Velocity Proposed	7.98 ft./sec.
Existing Backwater at Q100	1.40 ft.
Proposed Backwater at Q100	0.79 ft.
Existing Road Overflow Area	162.43 sq.ft.
Proposed Road Overflow Area	1.43 sq.ft.
Existing Low Structure El.	657.60 ft.
Proposed Low Structure El.	657.85 ft.

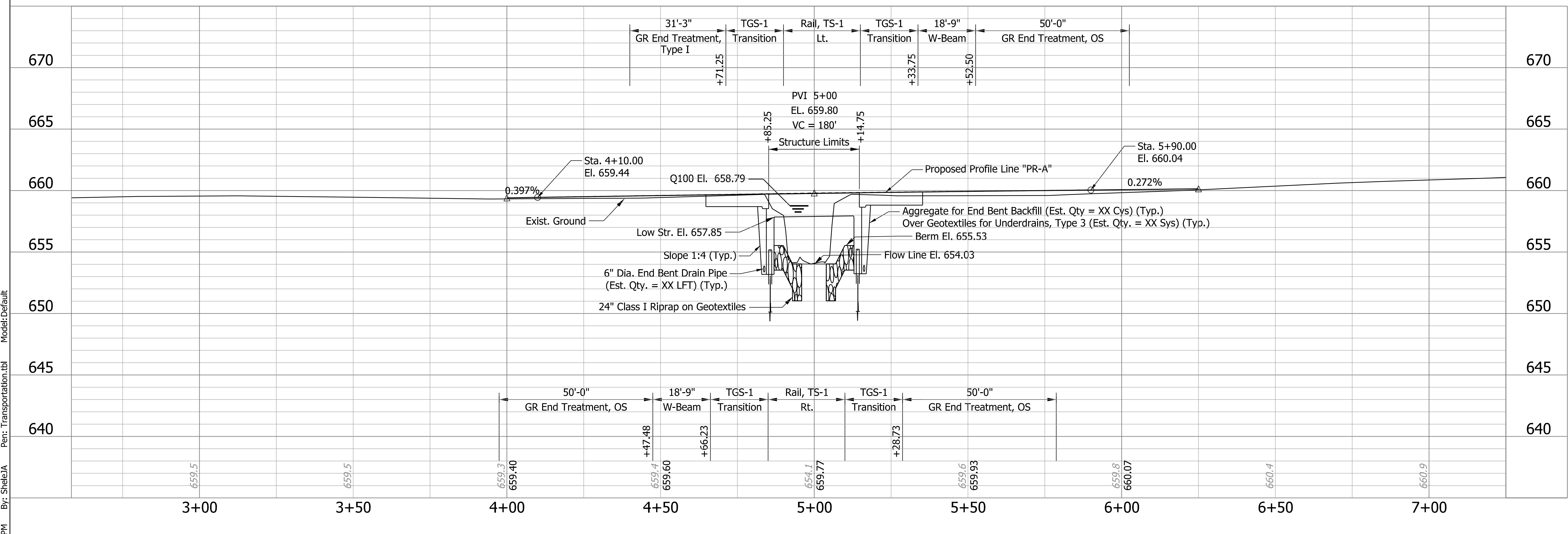
SCOUR HYDRAULIC DATA

Q100:

Q100 Discharge	729 cfs.
Q100 El.	658.79 ft.
Maximum Velocity at Q100	8.28 ft/sec.
Scour Depth (Contraction)	2.10 ft
Scour Depth (Total)	2.10 ft.
Low Scour El.	651.90 ft.

Q500:

Q500 Discharge	959 cfs.
Q500 El.	659.15 ft.
Maximum Velocity at Q500	7.93 ft/sec.
Scour Depth (Contraction)	3.55 ft
Scour Depth (Total)	3.55 ft.
Low Scour El.	650.45 ft.



- NOTES**
- All R/W on this sheet is described from Line "A".
 - For alignment references, benchmarks and topo references, see Index.
 - For grading at OS and Type I End Treatments, see Standard Drawing E 601-GRET-06.

REINFORCED CONCRETE SLAB BRIDGE
28'-6" SPAN
28'-0" CLEAR ROADWAY, 10° SKEW RT.
LEONARD ROAD OVER SAND CREEK
MORGAN COUNTY, IN

4:12:34 PM By: Sheela Per: Transportation.tbl Model: Default Plot: 9/27/2024



RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JAS	DRAWN: JAS	
CHECKED: KJJ	CHECKED: KJJ	

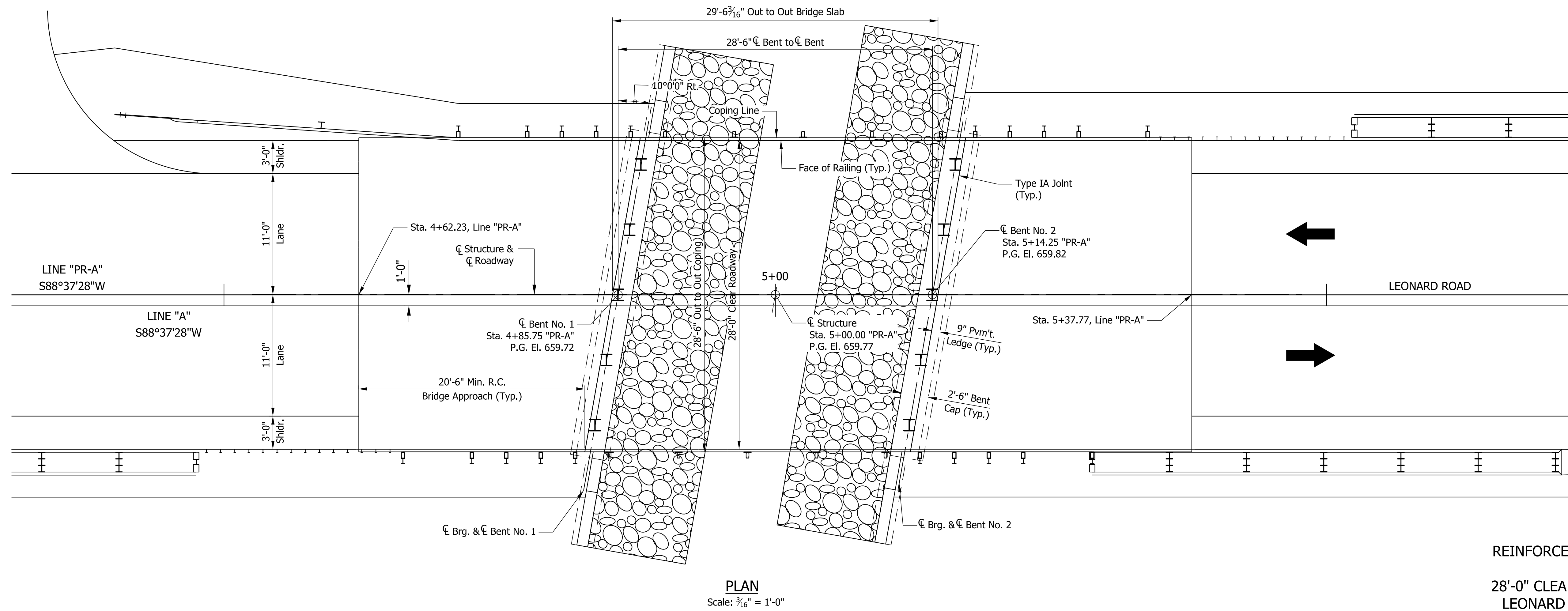
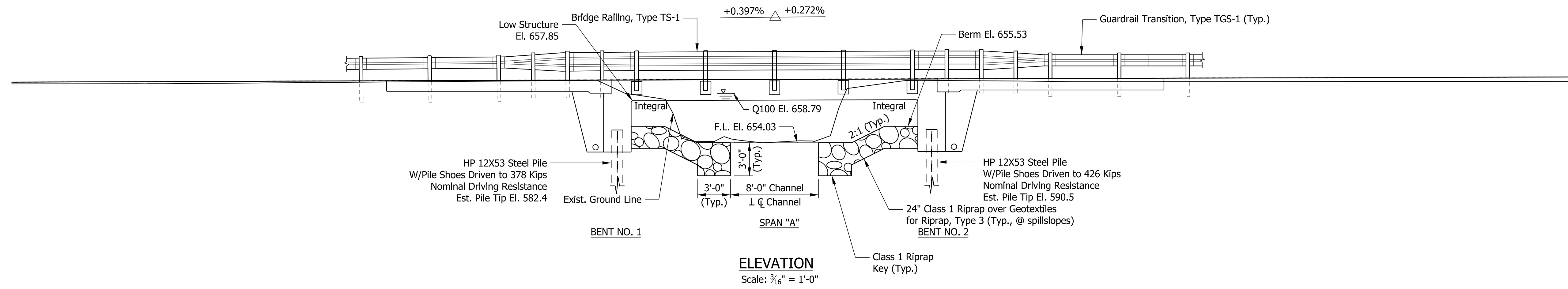
MORGAN COUNTY HIGHWAY DEPARTMENT

LAYOUT

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	55-00040
VERTICAL SCALE	DESIGNATION
1" = 5'	
SURVEY BOOK	SHEETS
	6 of 19
CONTRACT	PROJECT
	MORGAN BR 00040

STRUCTURE IS BUILT TO A 180' V.C.

P.V.I. Sta. 5+00.00 "PR-A"
P.V.I. Elev. 659.80
V.C. = 180'



REINFORCED CONCRETE SLAB BRIDGE
28'-6" SPAN
28'-0" CLEAR ROADWAY, 10° SKEW RT.
LEONARD ROAD OVER SAND CREEK
MORGAN COUNTY, IN

5:05:07 PM By: SheelaA Pen: Transportation.tbl Model: General Plan_1 Plot: 9/30/2024



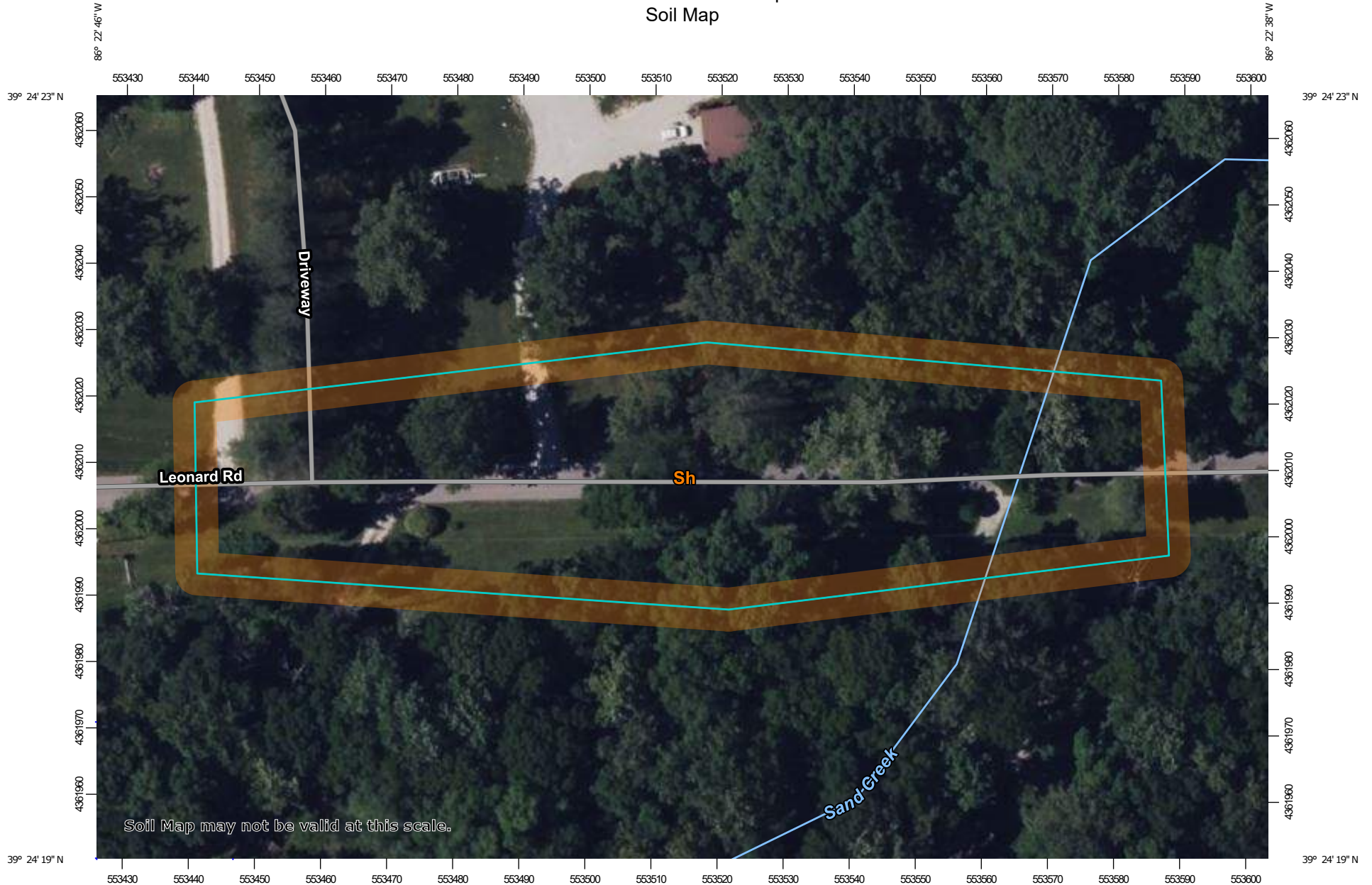
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JAS	DRAWN: PCR	
CHECKED: KJJ	CHECKED: KJJ	

MORGAN COUNTY
HIGHWAY DEPARTMENT

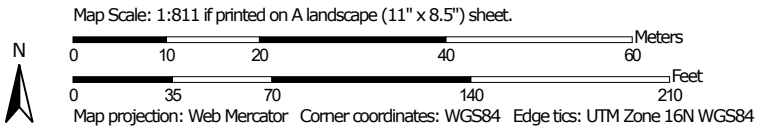
GENERAL PLAN

SCALE	BRIDGE FILE
AS NOTED	55-00040
VERTICAL SCALE	DESIGNATION
	--
SURVEY BOOK	SHEETS
	7 of 19
CONTRACT	PROJECT
--	MORGAN BR 00040

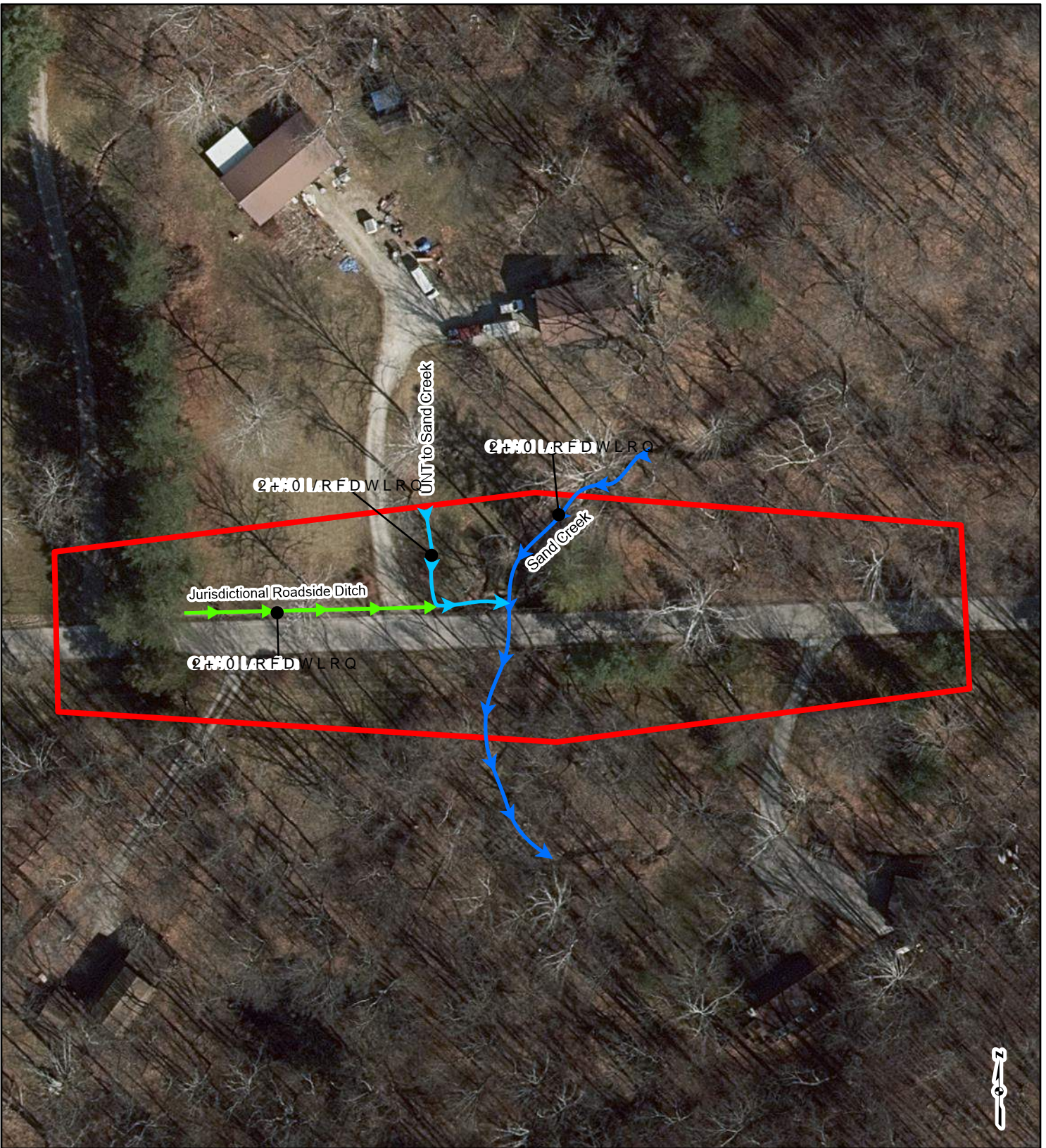
Custom Soil Resource Report Soil Map



Soil Map may not be valid at this scale.



NRCS Soil Report
FIGURE 5



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