

RECOMMENDATION 5-2020

To: Kankakee River Basin and Yellow River Basin Development Commission
From: Technical Advisory Committee
Subject: Porter County Bank Access
Date: December 17, 2020

DESCRIPTION: Commission Secretary Mike Novotney presented a plan [ATTACHED] to improve and extend bank access in Porter County.

LOCATION: Porter County, Indiana

ISSUE: Bank access is a common barrier to maintaining the safety of the channel. The Committee considered if the proposal has lasting value for the costs cited.

RECOMMENDATION: The Committee strongly recommends that the Commission approve the plan and allocate the requested amount of \$27,500 for Phase I of the project.

ADOPTED BY COMMITTEE 12/17/2020.



MEMORANDUM

To: Kankakee River Basin & Yellow River Basin Development Commission
Technical Advisory Committee

From: Michael E. Novotney, PE

Date: December 15, 2020

Subject: Proposed Kankakee River Maintenance Access Route Extension
Dunns Bridge to SR 49

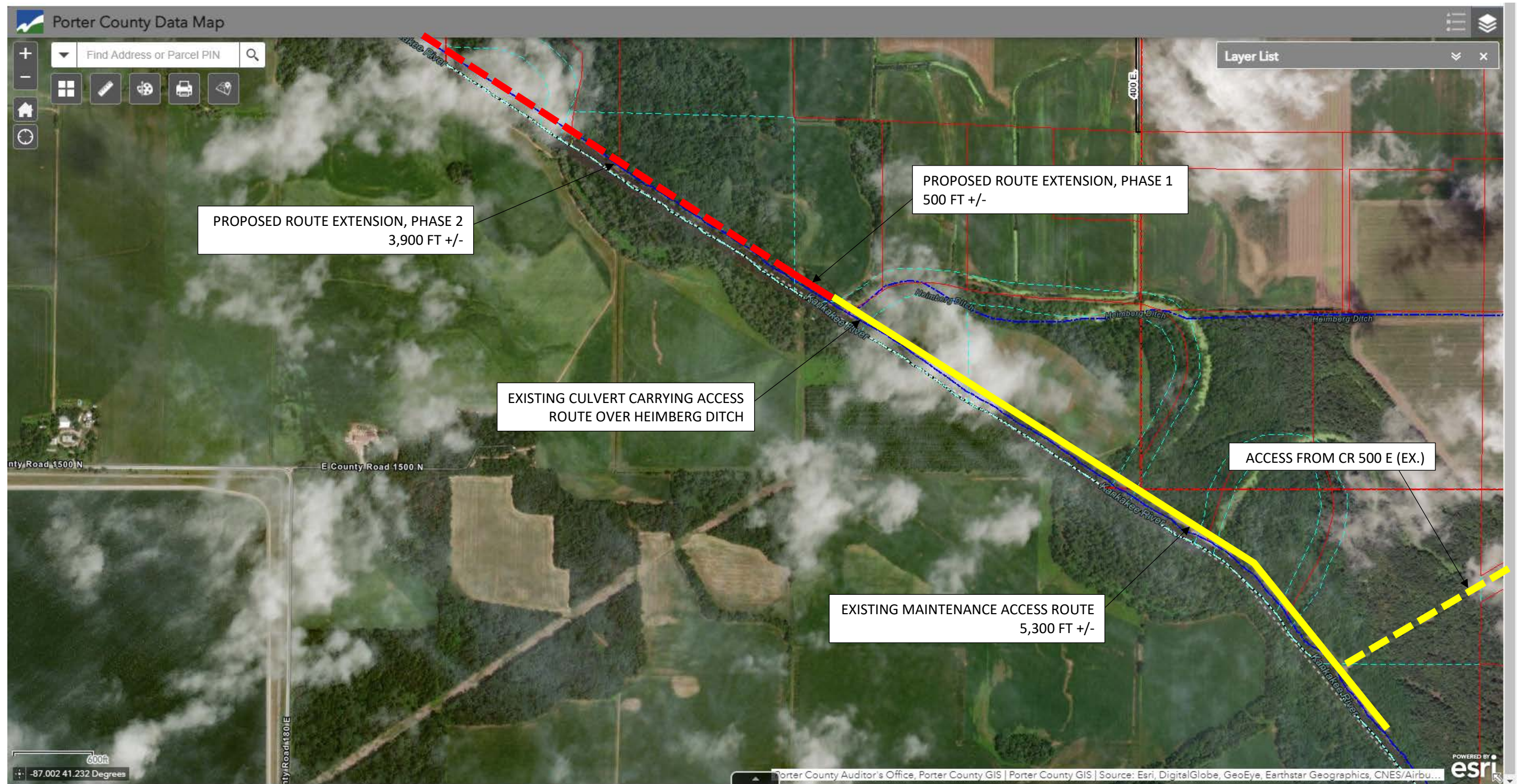
Committee Members,

Porter County is seeking the Technical Advisory Committee's support of a proposed extension of an existing maintenance access route located along the top of the north bank of the Kankakee River between Dunns Bridge and SR 49. As shown in the attached exhibits, two maintenance access routes currently exist along this stream reach, including a 1 MI long route located generally between the old Chicago & Indiana Coal Railroad ("Coal Road") and the Heimberg Ditch, and a 3,900 FT long access route located further downstream. There is an existing culvert in place carrying the access route over the Heimberg Ditch.

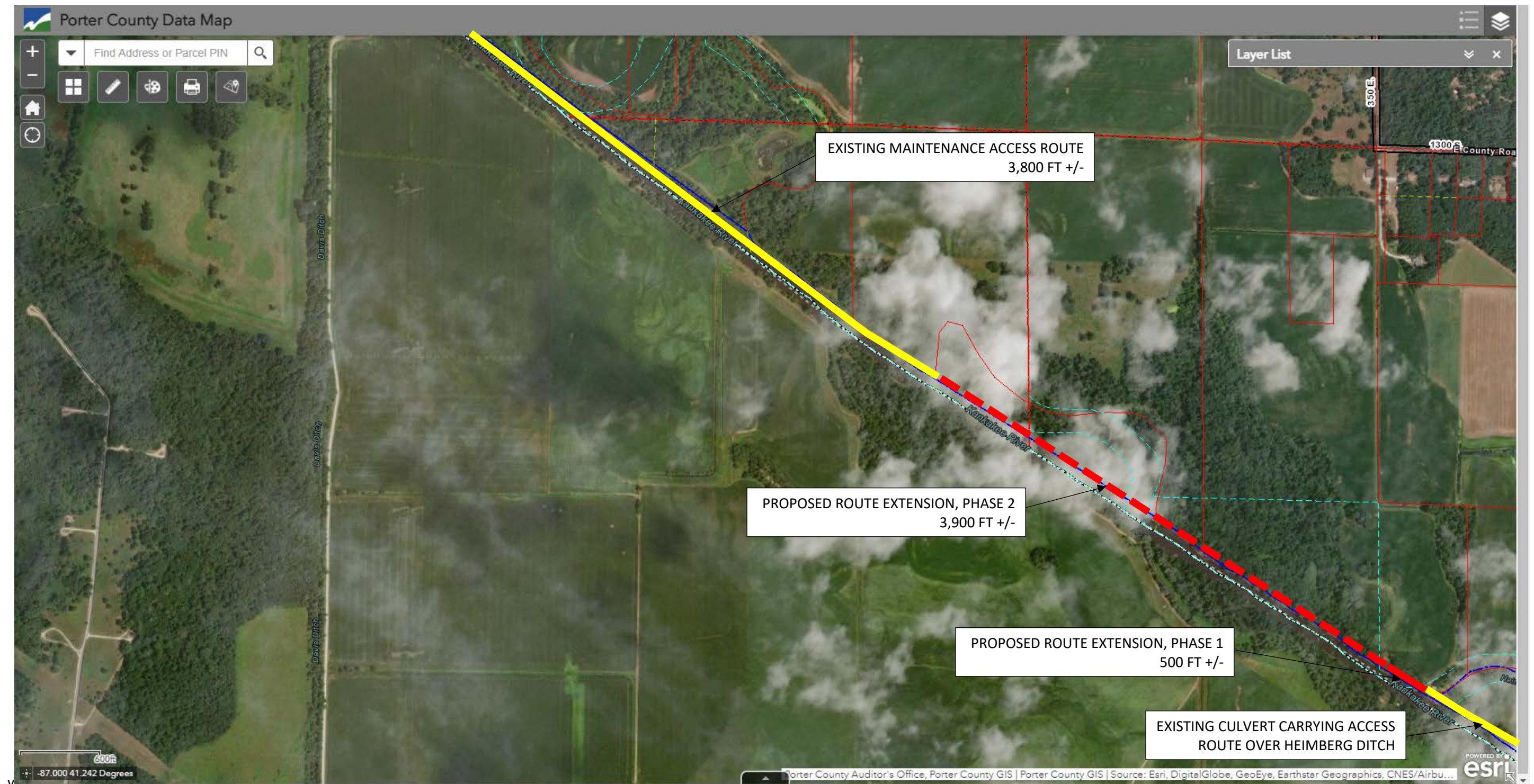
These two access routes are separated by a 4,400 FT long section of wooded, unimproved spoil pile berm. Porter County is proposing to connect the two maintenance access routes as the first step toward stabilizing significant stretches of unstable stream banks located within this stream reach, as identified in Exhibit 3 (Sheets 8 & 9) of the Work Plan (attached). These locations are currently severely eroded and appear to be contributing a significant volume of sediment to the river. Future erosion and sediment loss and, potentially, bank failures, should be anticipated in these locations until they can be stabilized. Extension of and connection of the existing access routes would allow equipment and materials to reach these locations so that they may be stabilized.

Porter County is proposing to construct the maintenance access route extension in two phases, the first of which would be approx. 600 FT long and avoids mapped wetland areas, but requires the relocation of existing utilities and associated improvements, and the second of which would be approx. 3,900 FT long and involves work within mapped wetland areas. The construction of the maintenance access route generally includes clearing and tree removal as well as grading work to level the existing unimproved spoil pile berm in order to create a 12 FT to 15 FT wide access route. Excluding the streamside improvements depicted therein, Figure 14 of the Work Plan illustrates the general stream bank cross-section that would result from the construction of the maintenance access route.

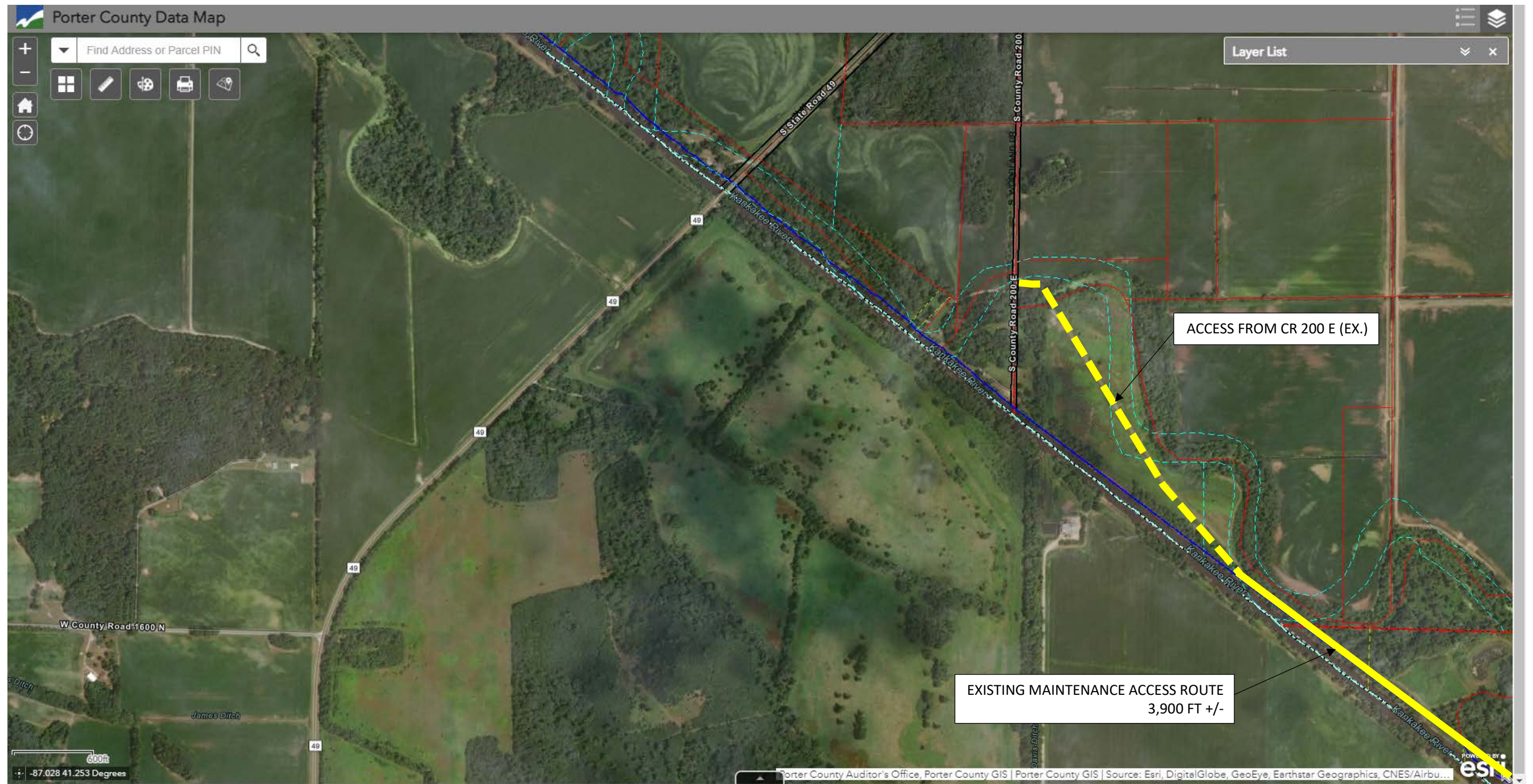
At this time, Porter County is seeking the Committee's support of the proposed maintenance access route extension. The extension of the maintenance access route will allow for the future stabilization of several lengthy reaches of severe stream bank erosion, as identified within and in accordance with the Work Plan. Porter County will also be seeking the Commission's financial support for Phase 1 of the proposed access route extension, in the amount of \$27,500.00, which is based on a preliminary opinion of probable construction cost for the project.



PORTER COUNTY
PROPOSED KANKAKEE RIVER MAINTENANCE ACCESS ROUTE EXTENSION
DUNNS BRIDGE TO SR 49



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**PORTER COUNTY
PROPOSED KANKAKEE RIVER MAINTENANCE ACCESS ROUTE EXTENSION
DUNNS BRIDGE TO SR 49**



Legend

- IDNR River Mile
- Rivers / Streams / Ditches

Berm Modifications

- Constructed Breach
- New / Improved Setback Berm
- Stabilize Unstable Slope

Berm Modifications (Continued)

- Maintain Existing Berm
- Road Improvement as Part of Setback Berm

Bridge Modifications

- Remove & Replace
- Remove

Maintenance Access Improvements

- Channel-side Access Route
- Improved Bridge Access Point

County & Municipal Boundaries

- Indiana Counties
- Illinois Counties
- Corporate Limits

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PROJECT:	Kankakee River Flood and Sediment Management Work Plan	PROJECT NO:	18-0290	APPROX. SCALE:	1"=1,000'
TITLE:	Recommended Workplan Components (Kankakee River)	DATE:	06/2018	EXHIBIT	3
(Sheet 8 of 15)					



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PROJECT: Kankakee River Flood and Sediment Management Work Plan
TITLE: Recommended Workplan Components (Kankakee River)
(Sheet 9 of 15)

PROJECT NO: 18-0290
APPROX. SCALE: 1"=1,000'
DATE: 06/2018
EXHIBIT: 3