



# PUBLIC NOTICE

US Army Corps  
of Engineers  
Rock Island District

Applicant: Tazewell County Hwy Dpt.

Date: November 5, 2018

Expires: December 4, 2018

CEMVR-OD-P-2018-832

Section: 10/404

---

**Joint Public Notice**  
**U.S. Army Corps of Engineers**  
**Illinois Environmental Protection Agency**

**1. Applicant.** Tazewell County Highway Department, c/o Mr. Craig Fink, 21308 IL Rt 9, Tremont, Illinois 61568.

**2. Project Location.**

- USGS quad sheet: IL-South Pekin.
- Wagonseller Road Bridge over the Mackinaw River, Tazewell County, Illinois.
- Datum NAD-83. UTM Zone 16.
- Section 17, Township 23 North, Range 5 West.
- Northing 4 480 878 078.33177, Easting 272 014.82191.
- Latitude: 40.44731. Longitude: -89.68834.

**3. Project Description.**

A. Proposed Project. Install bank stabilization to prevent failure of the Wagonseller Road bridge by continued erosion from the Mackinaw River.

(1). Install 1,700 linear feet of longitudinal peak stone toe protection (LPSTP) along the left descending bank of the Mackinaw River on the east side of the bridge crossing. Approximately 3,530 tons of riprap will be installed at a 1.5:1 slope to a height of 4.7 feet. The LPSTP will be keyed into the existing bank approximately every 100 linear feet. At the downstream end of the LPSTP, a series of four (4) stream barbs (932 tons of riprap) will be installed every 130 linear feet and extend 80 linear feet into the Mackinaw River.

(2) Install 465 linear feet of LPSTP along the right descending bank of the Mackinaw River on the east side of the bridge crossing. Approximately 970 tons of riprap will be installed at a 1.5:1 H:V slope to a height of 4.7 feet. The LPSTP will be keyed into the existing bank into the existing bank approximately every 90 linear feet. The area behind the LPSTP will be filled and graded using borrow material from excavation to install the keys. Approximately 431 tons of rock riprap will be installed on the right descending bank approximately 80 linear feet upstream to 85 linear feet of the centerline of Wagonseller Road. Approximately 1,400 tons of rock riprap will be installed to create five (5) bendway weirs, approximately 75-80 linear feet apart, and will extend 45 linear feet into the Mackinaw River.

**4. Agency Review.**

A. Department of the Army, Corps of Engineers. The Department of the Army application is being processed under the provisions of Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Section 404 of the Clean Water Act (33 U.S.C. 1344).

**B. State of Illinois.**

(1) The applicant has applied to the Illinois Environmental Protection Agency (IEPA) for water quality certification, or waiver thereof, for the proposed activity in accordance with Section 401 of the Clean Water Act. Certification or waiver indicates that IEPA believes the activity will not violate applicable water quality standards. The review by the IEPA is conducted in accordance with the Illinois water quality standards under 35 Illinois Administrative Code Subtitle C. The water quality standards provide for the IEPA to review individual projects by providing an antidegradation assessment, which includes an evaluation of alternatives to any proposed increase in pollutant loading that may result from this activity. The “Fact Sheet” containing the antidegradation assessment for this proposed project may be found on the IEPA’s web site, at [www.epa.state.il.us/public-notices/](http://www.epa.state.il.us/public-notices/). In the event that the IEPA is unable to publish the “Fact Sheet” corresponding to the timeframe of this Joint Public Notice, a separate public notice and “Fact Sheet” will be published by the IEPA at the web site identified above. You may also obtain a copy of the “Fact Sheet” by contacting the IEPA at the address or telephone number shown below. Written comments specifically concerning possible impacts to water quality should be addressed to: Illinois Environmental Protection Agency, Bureau of Water, Watershed Management Section, 1021 N. Grand Avenue East, P.O. Box 19276, Springfield, Illinois 62794-9276. A copy of the written comments should be provided to the Corps of Engineers. If you have any questions, please contact IEPA at (217) 782-3362.

(2) The Illinois Department of Natural Resources, Office of Water Resources (IDNR/OWR) is a participant in the joint application process and requires that IDNR/OWR permits be obtained for construction within floodways; construction and other activities within public bodies of water; and construction, operation and maintenance of dams pursuant to the State of Illinois Rivers, Lakes, and Streams Act (615 ILCS 5). Inquiries concerning IDNR/OWR jurisdiction and/or review of the activity should be directed to the Office of Water Resources at [dnr.dwrn@illinois.gov](mailto:dnr.dwrn@illinois.gov) or 217/782-3863. Information on the IDNR/OWR regulatory and other programs can be found at <http://dnr.state.il.us/owr>.

**5. Historical/Archaeological.** The Corps consulted with the District geographic information systems archeological site and survey database. No sites were located within the permit area. In addition, on 12 September 2017 staff from the USACE and the Illinois SHPO made a site visit and conducted a preliminary assessment of the of the potential for sites to be located in the project area. They concluded the proposed work is restricted to the active meander belt of the waterway and has low potential for the presence of cultural resources. Therefore it is the opinion of the Corps that issuance of the permit will have no effect on historic properties because “the nature, scope, and magnitude of the work, and/or structures to be permitted are such that there is little likelihood that a historic property exists or may be affected” (33 CFR Part 325, Appendix C.3.b).

**6. Endangered Species.** The Indiana bat (*Myotis sodalis*) roosts in stream corridors with well-developed riparian woods, forages in floodplain and upland forests, and hibernates in caves and mines. There are no documented occurrences of the species and no designated critical habitats in Tazewell County. The northern long-eared bat (*Myotis septentrionalis*) roosts and forages in upland woods and forests during summer months, and hibernates in caves and mines during winter months, swarming in surrounding wooded areas in autumn. To avoid direct impact to individuals of either species, clearing of trees will be restricted to the period November 1 through March 31, when bats are unlikely to be present. For this reason, the District has determined that the proposed action is ‘not likely to adversely affect’ either the Indiana bat or the northern long-eared bat.

- Lakeside daisy (*Tetranneuris herbacea*) is found in dry, rocky prairies and limestone quarries. Suitable habitat for the lakeside daisy does not exist in the project area; therefore, there should be ‘no effect’ on the lakeside daisy.

- The eastern prairie fringed orchid (*Platanthera leucophaea*) is found in mesic to wet prairies, which is 'not likely to be adversely affected' by the proposed bank stabilization.
- The decurrent false aster (*Boltonia decurrens*) is an early successional plant that grows in full sun in disturbed alluvial soils in the Illinois River floodplain. As this project is not on the Illinois River, there should be 'no effect' on the decurrent false aster.

**7. Dredge/Fill Material Guidelines.** The evaluation of the impact of the proposed activity on the public interest will also include application of the guidelines promulgated by the Administrator of the United States Environmental Protection Agency under authority of Section 404(b) of the Clean Water Act (40 CFR Part 230).

**8. Public Interest Review.** The decision whether to issue the Corps permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and, in general, the needs and welfare of the people.

**9. Who Should Reply.** The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity. These statements should be submitted on or before the expiration date specified at the top of page 1. These statements should bear upon the adequacy of plans and suitability of locations and should, if appropriate, suggest any changes considered desirable.

**10. Public Hearing Requests.** Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing. A request may be denied if substantive reasons for holding a hearing are not provided.

**11. Reply to the Corps of Engineers.** Comments concerning the Corps permit should be addressed to the District Engineer, U. S. Army Corps of Engineers, Rock Island District, ATTN: OD-PE (Kirsten Brown), Clock Tower Building - Post Office Box 2004, Rock Island, Illinois 61204-2004. The POC for additional information is Mrs. Kirsten Brown (309/794-5104) (email: [kirsten.l.brown@usace.army.mil](mailto:kirsten.l.brown@usace.army.mil)).

Attach  
Plan



Ms. Donna M. Jones, P.E.  
Chief, Illinois/Missouri Section  
Regulatory Branch



NOT TO SCALE

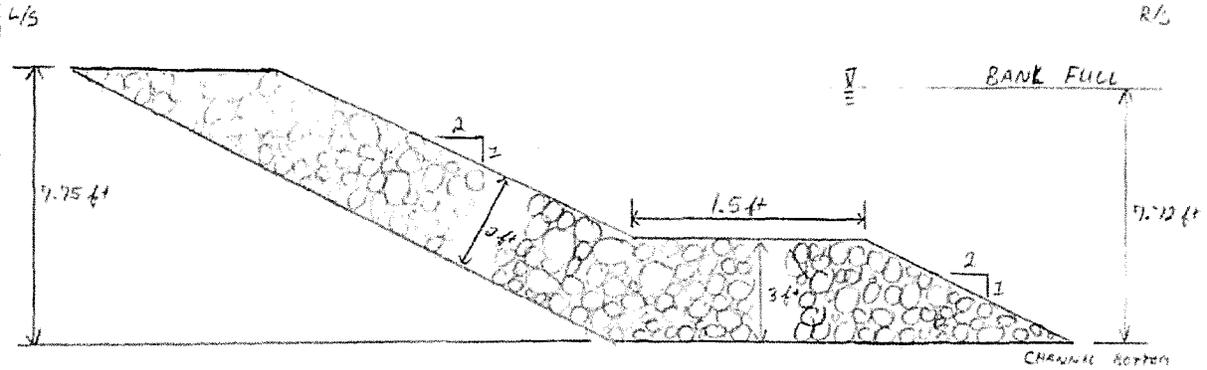
WAGONSELLER SEC 14

TYPICAL CROSS SECTIONS

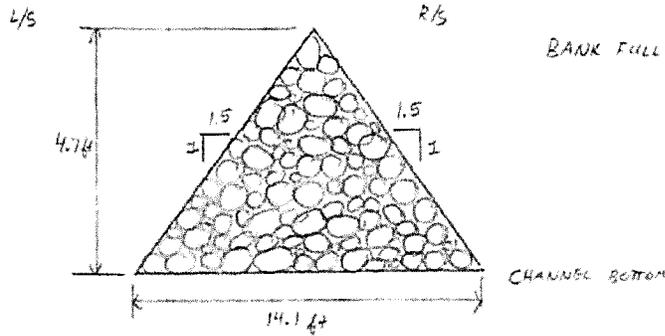
Sheet 6/3/18

REVETMENT / STONE ARMOR

- 3-0285 --- 50 SHEETS --- 5 SQUARES
- 3-0286 --- 100 SHEETS --- 5 SQUARES
- 3-0287 --- 200 SHEETS --- 5 SQUARES
- 3-0187 --- 200 SHEETS --- FILLER

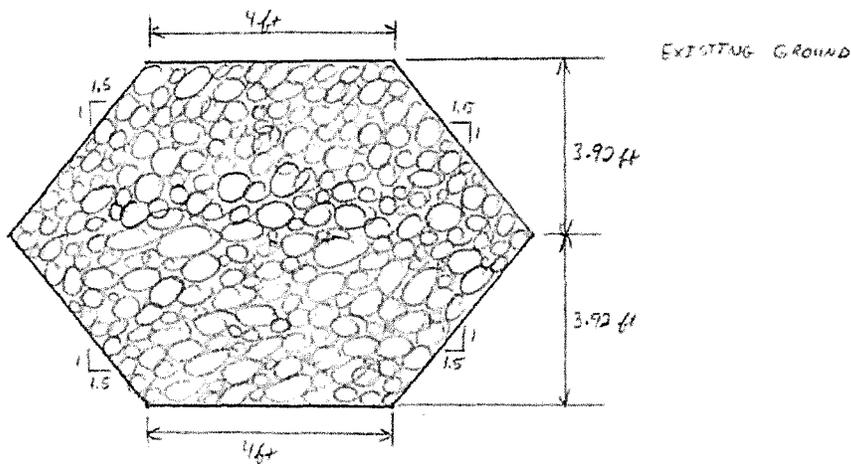


LPSTP



BANK FULL RANGE : 7.09 ft - 7.84 ft

KEYS



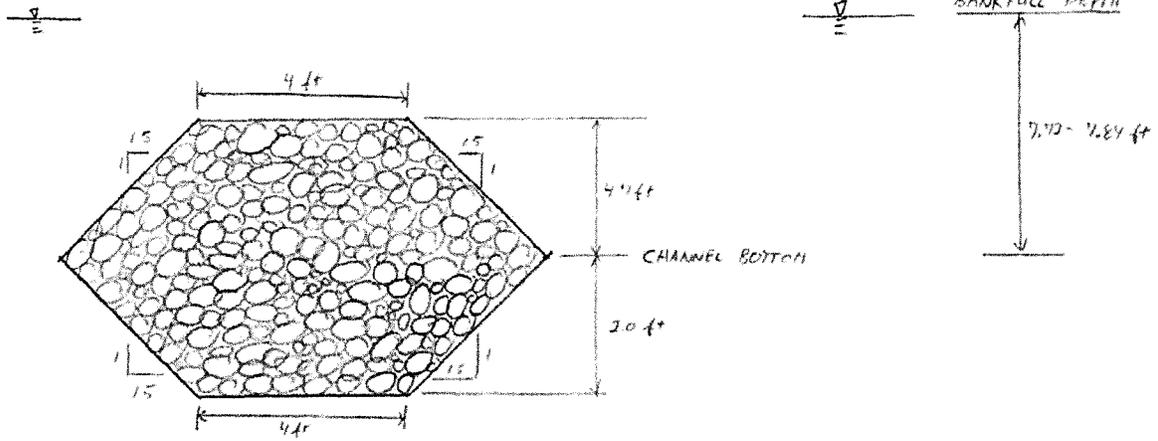
NOT TO SCALE

WAGONSELLER SEC 14

TYPICAL CROSS SECTIONS

Nov 11 8/3/16

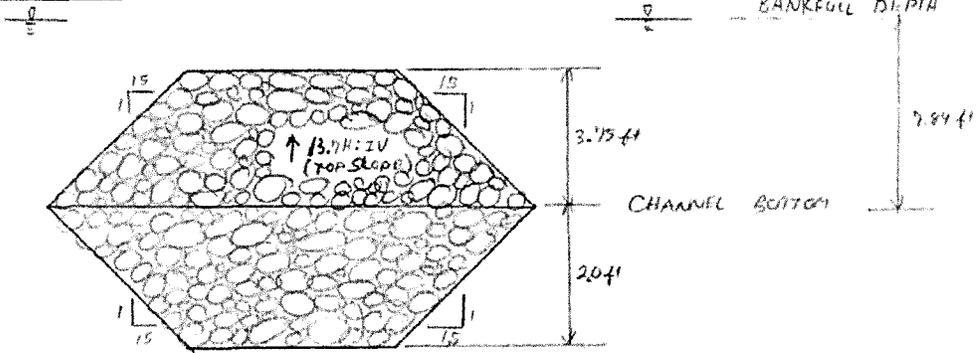
BENDWAY WEIR



- 3-0235 — 50 SHEETS — 5 SQUARES
- 3-0236 — 100 SHEETS — 5 SQUARES
- 3-0237 — 200 SHEETS — 5 SQUARES
- 3-0137 — 200 SHEETS — FILLER

COMET

STREAMBARR



STREAMBARR ISOMETRIC

