



Office of Water Resources • 2050 West Stearns Road • Bartlett, Illinois 60103

## PUBLIC NOTICE

### **BRANDON ROAD INTERBASIN PROJECT ON THE DES PLAINES RIVER INCREMENT II IN WILL COUNTY JOINTLY BY THE US ARMY CORPS OF ENGINEERS AND THE ILLINOIS DEPARTMENT OF NATURAL RESOURCES IN WILL COUNTY**

The US Army Corps of Engineers, Clocktower Building, PO Box 2004, Rock Island, IL and the Illinois Department of Natural Resources, One Natural Resources Way, Springfield, IL, have jointly applied for a permit from the IDNR, Office of Water Resources to authorize the construction of Increment II of the Brandon Road Inter-basin Project. The work is proposed to take place in the navigation channel on the north side of the Des Plaines River immediately downstream of Brandon Road Lock and Dam in unincorporated Will County near the City of Joliet. This notice is being sent pursuant to State rules for construction in public waters.

The proposed work involves the construction of a multi layered deterrent system aimed at restricting the movement of Asian carp and other invasive species upstream beyond the Brandon Road Lock and Dam. This is the second increment of three. The proposed work involves the construction of a guide wall along the north bank of the navigation channel, pouring concrete on the floor of the lock, storm sewer relocation and channel excavation.

The project site is in the East Half of Section 20, Township 35 North, Range 10 East of the Third Principal Meridian in Will County. Enclosed with this public notice is a location map.

Plans for the work may be seen by appointment at the Northeastern Illinois Regulatory Programs Section office, 2050 West Stearns Road, Bartlett, Illinois 60103. Inquiries and requests to review the plans may be directed to Bill Boyd of the Bartlett Office at 847/608-3116. You may also contact the applicant's agent Scott Whitney of the Rock Island District of the US Army Corps of Engineers at 847/878-8679. Additional information about this project can be found on our website at [dnr.illinois.gov/waterresources/publicnotices](http://dnr.illinois.gov/waterresources/publicnotices).

Review of this project will be limited to the following issues: 1) Any obstruction to, or interference with the navigability of the river; 2) Any encroachment on the river; and 3) Any impairment of the rights, interests, or uses of the public on the river or in the natural resources thereof.

**You are invited to send written comments regarding the proposed work to the Bartlett Office by April 27, 2026.**

April 6, 2026

WTB:

**JOINT APPLICATION FORM FOR ILLINOIS**

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ITEMS 1 AND 2 FOR AGENCY USE

1. Application Number <p align="center" style="font-size: 1.2em;">N20260048 - -</p>	2. Date Received <p align="right" style="color: blue; font-weight: bold;">MAR 04 2025</p> <p align="right" style="color: blue; font-weight: bold;">IDNR/OWR Bartlett Office</p>
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3. and 4. (SEE SPECIAL INSTRUCTIONS) NAME, MAILING ADDRESS AND TELEPHONE NUMBERS

3a. Applicant's Name: <b>Roger Perk</b> Company Name (if any) : U.S. Army Corps of Engineers Address: Chief of Engineering and Construction Division Clocktower Bldg., P.O. Box 2004 Rock Island, Illinois 61204	3b. Co-Applicant/Property Owner Name (if needed or if different from applicant): <b>Todd Strole</b> Company Name (if any): Illinois Department of Natural Resources Address: One Natural Resources Way Springfield, Illinois 62702	4. Authorized Agent (an agent is not required): <b>Mahmoud Alafif (Technical Lead)</b> Company Name (if any): U.S. Army Corps of Engineers Address: Engineering and Construction Division Clocktower Bldg., P.O. Box 2004 Rock Island, Illinois 61204
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**STATEMENT OF AUTHORIZATION**

I hereby authorize, Mahmoud Alafif to act in my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this permit application.

Applicant's Signature \_\_\_\_\_

Date \_\_\_\_\_

5. ADJOINING PROPERTY OWNERS (Upstream and Downstream of the water body and within Visual Reach of Project)

Name	Mailing Address	Phone No. w/area code
a. Midwest Generation	1800 Channahon Rd., Joliet, IL 50436	815-207-5470
b.		
c.		
d.		

6. PROJECT TITLE:  
**Brandon Road Interbasin Project**

7. PROJECT LOCATION:  
Brandon Road Lock and Dam, Joliet, IL

LATITUDE: 41.50339 °N LONGITUDE: -88.10322 °W	UTM's Northing: Easting:										
STREET, ROAD, OR OTHER DESCRIPTIVE LOCATION 1211 Brandon Road, Joliet, IL 60436	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:15%;">LEGAL DESCRIPT</th> <th style="width:15%;">QUARTER</th> <th style="width:15%;">SECTION</th> <th style="width:15%;">TOWNSHIP NO.</th> <th style="width:15%;">RANGE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	LEGAL DESCRIPT	QUARTER	SECTION	TOWNSHIP NO.	RANGE					
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<input type="checkbox"/> IN OR <input checked="" type="checkbox"/> NEAR CITY OF TOWN (check appropriate box) Municipality Name <b>Rockdale</b>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">                             WATERWAY  <b>Des Plaines River</b> </td> <td style="width:30%;">                             RIVER MILE                              (if applicable)  <b>285.3 to 285.8</b> </td> </tr> </table>	WATERWAY <b>Des Plaines River</b>	RIVER MILE (if applicable) <b>285.3 to 285.8</b>								
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COUNTY <b>Will</b>	STATE <b>Illinois</b>	ZIP CODE <b>60433</b>									

8. PROJECT DESCRIPTION (Include all features):  
 The Brandon Road Interbasin project is a three-phased construction project to deter the movement of invasive carp into the Great Lakes. This application is for work to be completed during construction increment-II. Please see attachment A for additional information.

9. PURPOSE AND NEED OF PROJECT:  
 To deter the movement of aquatic invasive species. Please see Attachment A for more details.

**COMPLETE THE FOLLOWING FOUR BLOCKS IF DREDGED AND/OR FILL MATERIAL IS TO BE DISCHARGED**

10. REASON(S) FOR DISCHARGE:  
 Construction of features to deter movement of aquatic invasive species. Please see Attachment A for more details.

11. TYPE(S) OF MATERIAL BEING DISCHARGED AND THE AMOUNT OF EACH TYPE IN CUBIC YARDS FOR WATERWAYS:  
 TYPE: Concrete, rock, clean fill (see attachment A for additional details).  
 AMOUNT IN CUBIC YARDS:  
 Amount of materials discharged are noted in Attachment A.

12. SURFACE AREA IN ACRES OF WETLANDS OR OTHER WATERS FILLED (See Instructions)  
 Approximately 1.8-acres.

13. DESCRIPTION OF AVOIDANCE, MINIMIZATION AND COMPENSATION (See instructions)  
 Description of avoidance measures are noted in the Project's EIS, 404(b)(1) Evaluation, and Attachment A.

14. Date activity is proposed to commence: As soon as Fall 2026      Date activity is expected to be completed: ASAP following contract award

15. Is any portion of the activity for which authorization is sought now complete?      Yes       No       NOTE: If answer is "YES" give reasons in the Project Description and Remarks section. Indicate the existing work on drawings.  
 Month and Year the activity was completed

16. List all approvals or certification and denials received from other Federal, interstate, state, or local agencies for structures, construction, discharges or other activities described in this application.

Issuing Agency	Type of Approval	Identification No.	Date of Application	Date of Approval	Date of Denial
USACE	404(b)(1) Finding of Compliance	CEMVR-RD-2024-0685		30 August 2024	
IL EPA	401 WQC (Increment-I)	C-0102-24		09 September 2025	
IL DNR	OWR Permit (Increment-I)	NE2024049		24 October 2025	
IL DNR	CERP (Increment-I)	2606629		04 December 2025	

17. CONSENT TO ENTER PROPERTY LISTED IN PART 7 ABOVE IS HEREBY GRANTED.      Yes       No

18. APPLICATION VERIFICATION (SEE SPECIAL INSTRUCTIONS)  
 Application is hereby made for the activities described herein. I certify that I am familiar with the information contained in the application, and that to the best of my knowledge and belief, such information is true, complete, and accurate. I further certify that I possess the authority to undertake the proposed activities.

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

11 February 2026  
 \_\_\_\_\_  
 Date  
 02/13/2026  
 \_\_\_\_\_  
 Date  
 3-3-2026  
 \_\_\_\_\_  
 Date

Corp Revi.      IL Environmental Protection Agency       Applicant's Copy

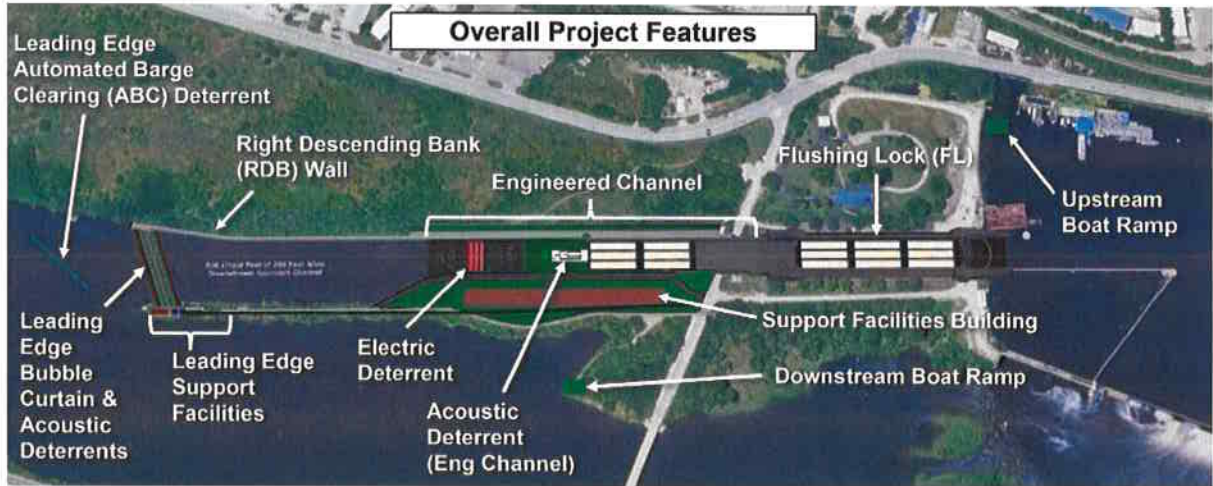
SEE INSTRUCTIONS FOR ADDRESS

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ATTACHMENT A

**8. PROJECT DESCRIPTION (Include all Features):**

The Project includes a layered system of structural controls and non-structural measures that will be constructed and implemented in a three phased approach. Further discussion on the Project background and rationale for phasing construction is included in the Project's Integrated Feasibility Report and Environmental Impact Statement, Clean Water Act Section 404(b)(1) Evaluation, and supporting documentation available at the following link: <https://www.mvr.usace.army.mil/brip/>.



**Figure 1. Overall Project Features.**

This application specifically covers work occurring under the Project's Construction Increment II, consisting of construction/modification/extension of the right descending bank (RDB) guide wall, lock upgrades for a flushing system, adding dewatering features to the left descending bank (LDB) (cutoff wall, embankment, protection cells, concrete sill, and closure monolith), channel excavation, and a storm sewer relocation. The following files are provided with this application to provide in depth details of the work involved, including: 1) Attachment B: Engineering Plan Sets; 2) Attachment C: Floodplain Impact Analysis; and reports archived at: <https://www.mvr.usace.army.mil/brip/>. A summary of Increment II's specific features are included below:

**RDB Guide Wall:** The RDB guide wall currently exists as a poured concrete monolith structure extending from the downstream end of the lock chamber 570-feet. An additional 1,550-feet of wall will be constructed to extend downstream to the Leading Edge bubble curtain and acoustic deterrent structures (both were previously permitted as part of Construction Increment I). The new guide wall extension will help barge traffic navigate through the channel and will house recesses for electrodes and monitoring equipment to be installed in a future construction contract for Increment III – Engineered Channel. The existing segment of the RDB guide wall will be rehabilitated, strengthened, and improved to facilitate Project design requirements outside the wall's original operating conditions. This work will be completed behind the guide wall, in the dry). Approximately 15,000 CY will be excavated along the RDB to prepare the site for installation of concrete forms and subsequent concrete placement for the wall extension.

Approximately 50,000 CY of concrete will be placed for the RDB wall extension: 40,000 CY underwater and 10,000 CY above water (roughly 33 CY per running foot average).

Flushing Lock: The flushing lock component of the Project is a deterrent to reduce the risk of upstream transfer of aquatic nuisance species (such as plants, fish eggs or larvae) to transport through the lock itself. Any lower pool water that enters the lock chamber would be flushed back downstream with upper pool water. The existing lock structure will be modified to accommodate new plumbing required for operation of the flushing features. These new flushing lock components will result in a relatively minor impact and modification to the existing structure and system. This work will be completed when the lock is dewatered. Approximately 5,000 CY of concrete will be placed in the dewatered lock chamber within excavated areas to create a solid concrete floor that eliminates hiding spaces for aquatic nuisance species.

LDB Dewatering Enabling Features: To enable dewatering of the engineered channel, a cutoff wall, embankment, protection cells, concrete sill, and closure monolith will be constructed. These features will enable a stop log to be installed for future dewatering operations. 5,000 CY of fill materials will be placed for the embankment, along with 600 CY of rip-rap for protection. 4,500 CY of concrete will be placed for the protection cells and monolith, with an additional 1,000 CY for the sill across the engineered channel.

Increment II Channel Excavation: This work is similar to channel excavation permitted under the Project's construction Increment I (IL-EPA Log No: C-0102-24), bedrock will be excavated in the engineered channel (15,000 CY) and lock chamber (5,000 CY). Excavated material consist of dolomite bedrock. Suitable material may be used as backfill and unsuitable material will be disposed of offsite. The lock chamber work will be completed during two annual closures of the lock and the lock would be dewatered. The engineered channel excavation will be completed in the wet and may not be subject to lock closures.

Storm Sewer Relocation: The relocation of the storm sewer is part of Increment II. This work will be completed during construction, but the State of Illinois will be responsible for obtaining any permits needed in regard to the storm sewer relocation. The nature of the discharge will not change. The outlet location will be moved to another location. The temporary discharge during construction will be managed during construction. The permanent location will be downstream of the existing discharge.

Previously Permitted: Increments I-A (Leading Edge deterrents and support facilities) and I-B (expedited rock removal) were issued Clean Water Act Section 401 Water Quality Certification by the Illinois Environmental Protection Agency (IL-EPA) on 03 SEP 2024 (IL-EPA Log No: C-0102-24) and an Illinois Department of Natural Resources (IL-DNR) Office of Water Resources Permit (No. NE2024049) on 09 SEP 2024. Future construction for the final Increment III, is currently in design and will be a separate permit application upon design completion.

Additional information, including the Project's Feasibility Report, Environmental Impact Statement, 404(b)(1) Evaluation, and other reports and supplemental information is available at <https://www.mvr.usace.army.mil/brip/>.

A web-viewer of the Project and its features can be found at: <https://geoportal.mvr.usace.army.mil/b5portal/apps/experiencebuilder/experience/?id=831d437d1cba44989f513531201883f4>.



Figure 2. Construction Increment-II Project Features

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Figure 3. Rock Excavation.

## 9. PURPOSE AND NEED OF PROJECT:

The Brandon Road Interbasin Project is a complex ecosystem protection effort designed to prevent upstream movement of invasive carp and other aquatic nuisance species into the Great Lakes from the Illinois Waterway. While an environmental funded Project, Project features are designed to serve and improve navigation. If invasive carp were to establish within the Great Lakes, significant and irreversible impacts will occur to the existing food web and dependent species. Brandon Road Lock and Dam near Joliet, Illinois, has been identified as the critical pinch point where layered technologies are to be installed to prevent movement of invasive carp populations into the Great Lakes.

## 10. REASON(S) FOR DISCHARGE:

RDB Guide Wall: Construction/extension of the RDB guide wall is necessary to establish subsequent construction increment features of the engineered channel, to protect Project features into the future, and to assist/guide commercial traffic through the site. Concrete would be placed in forms for construction of the wall.

Flushing Lock: The existing lock floor consists of bedrock that may have crevices and features that harbor aquatic nuisance species. Improvements to the existing lock are necessary for installation of components necessary for the flushing system and to create a smooth concrete floor that reduces the likelihood of aquatic nuisance species inhabiting the lock. Improvements to the existing lock structure would be completed when the lock is dewatered, in the dry.

LDB Dewatering Features (cut-off wall, embankment, protection cells, sill, closure monolith): These features are necessary for dewatering of the engineered channel for future construction and maintenance.

Additional Channel Excavation: As a part of Construction Increment-II, additional material, consisting mostly of bedrock, will continue to be excavated from the channel in preparation for future Construction Increment-III. Suitable materials may be used onsite as backfill and/or for the LDB embankment and unsuitable materials would be disposed of offsite.

## 11. TYPE(S) OF MATERIAL BEING DISCHARGED AND THE AMOUNT OF EACH TYPE IN CUBIC YARDS FOR WATERWAYS:

1. Type: Concrete  
Amount in Cubic Yards:
  - i. RDB Wall Extension: 50,000 CY concrete along 1,550-linear feet: 40,000 CY in-water and 10,000 CY above-water
  - ii. LDB Monolith and Protection Cells: 3,000 CY in-water and 1,500 CY above-water
  - iii. Concrete Sill: 1,000 CY in-water
  - iv. Flushing Lock: 5,000 CY, work would be completed when the lock is dewatered
  
2. Type: Rock - rip-rap (processed material from on-site, or clean material from off-site)  
Amount in Cubic Yards:
  - i. LDB Embankment: 600 CY

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3. Type: Clean Fill (processed material from on-site, or clean material from off-site)  
Amount in Cubic Yards:
  - i. LDB Embankment: 5,000 CY

**12. SURFACE AREA IN ACRES OF WETLANDS OR OTHER WATERS FILLED:**

Construction of the RDB guidewall and LDB dewatering enabling features would fill approximately 1.8-acres classified as "riverine" (R2UBHx) by the National Wetlands Inventory.

**13. DESCRIPTION OF AVOIDANCE, MINIMIZATION AND COMPENSATION:**

The GLMRIS-BR Environmental Impact Statement and 404(b)(1) Analysis discuss the practicable alternatives that were evaluated for the total Project. It is expected that all the alternatives considered would have similar minor, short-term impacts on water quality during construction.

Early and open coordination with state and federal resource agencies, and the public, helped to minimize potential impacts to aquatic, wetland, and terrestrial ecosystems. Mitigation is proposed for the long-term consequences associated with connectivity of the Des Plaines River and native species migration and reestablishment from the lower Des Plaines River to the upper Des Plaines River. The District and IL-DNR are actively coordinating for this mitigation. Additional mitigation will be implemented as conditioned in the Increment-I Office of Water Resources permit for the loss of existing public water access by providing improved public water access along the northwest bank.

For Increment-II specifically, best management practices will be implemented. For concrete placement in-the-wet, this includes use of an anti-washout concrete admixture and full immersion of the tremie tube within the placed concrete to limit the mixing of concrete with the site water and limit possible effects to site water pH.