



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

PUBLIC NOTICE

PROPOSED REVISION TO THE REGULATORY FLOODWAY AND REGULATORY FLOOD PROFILES OF CRYSTAL CREEK IN THE CITY OF CRYSTAL LAKE BY THE CITY OF CRYSTAL LAKE

The City of Crystal Lake, 100 W. Woodstock St., Crystal Lake, Illinois 60039, has requested the Office of Water Resources' concurrence with a floodway map and flood profile revision on Crystal Creek in the City of Crystal Lake. This notice is being sent pursuant to State Rules for Floodway Construction in Northeastern Illinois.

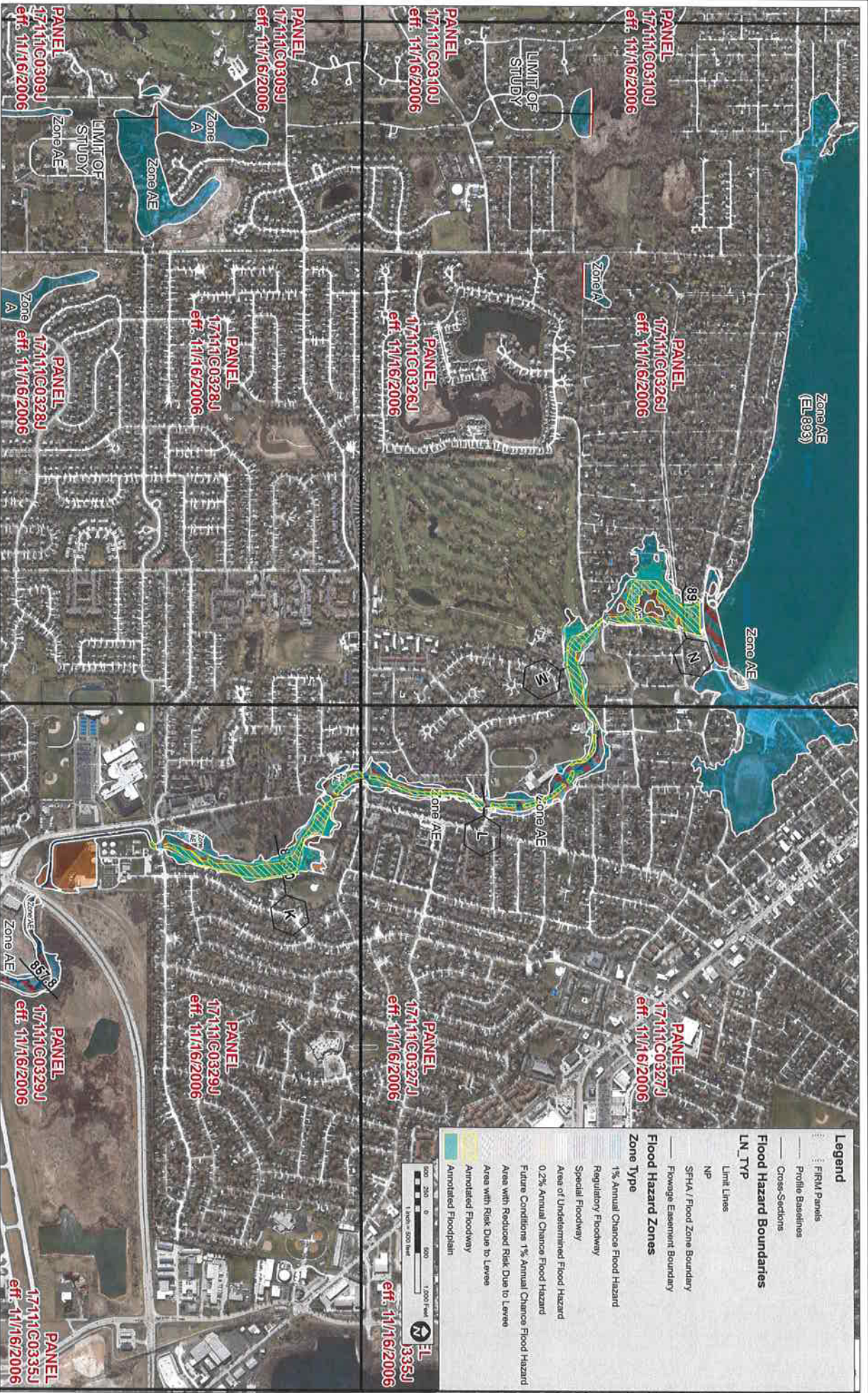
The site of the proposed revision is located between the Broadway Ave. crossing and Dartmoor Dr. crossing of Crystal Creek in the City of Crystal Lake. Panels 326, 327, and 329 of the McHenry County Flood Insurance Rate Map and Profile Sheets 13P, 14P and 15P of the McHenry County Flood Insurance Study are proposed to be revised to reflect the changes. The floodway and flood profiles are proposed to be revised due to updated rainfall data, the replacement culvert crossings within the study reach, and the Crystal Creek Daylighting Project through the Lundahl Middle School Property. The site of the floodway revision is located in the South Half of Section 6, Township 43 North, Range 8 East and the West Half of Section 7, Township 43 North, Range 8 East of the Third Principal Meridian in McHenry County. On the back of this public notice is an annotated Flood Insurance Rate Map showing the proposed revised floodway delineation.

Information on the proposed map revision 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 Kevin Hoobler of the Bartlett Office at (847) 608-3116. Additional detailed information can be found on our website at www.dnr.illinois.gov/waterresources. You may also contact the applicant's engineer Darren Olson, P.E. of Christopher B. Burke Engineering, Ltd. at (847) 823-0500.

If you wish to contest the correctness of the floodway delineation, please submit technical evidence of error or changed conditions. The Department will review the evidence to determine the correctness of the delineation.

You are invited to send written comments regarding this notice to the Bartlett Office by **December 11, 2024**.

November 13, 2024



Zone AE
(EL 893)

Legend

- FIRM Panels
- Profile Baselines
- Cross-Sections
- Flood Hazard Boundaries
- LN_TYP
- Limit Lines
- NP
- SFHA / Flood Zone Boundary
- Flowage Easement Boundary
- Flood Hazard Zones
- Zone Type
- 1% Annual Chance Flood Hazard
- Regulatory Floodway
- Special Floodway
- Area of Undetermined Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Future Conditions 1% Annual Chance Flood Hazard
- Area with Reduced Risk Due to Levee
- Annotated Floodway
- Annotated Floodplain



CB
Christopher B Burke Engineering, Ltd
5575 West Higgins Road, Suite 800
(847) 525-0560 FAX (847) 823-0550



CUSTOMER

CITY OF CRYSTAL LAKE
ANNOTATED FIRM

JOB# 080384.00055

DATE 11/10/2024

EXH 7

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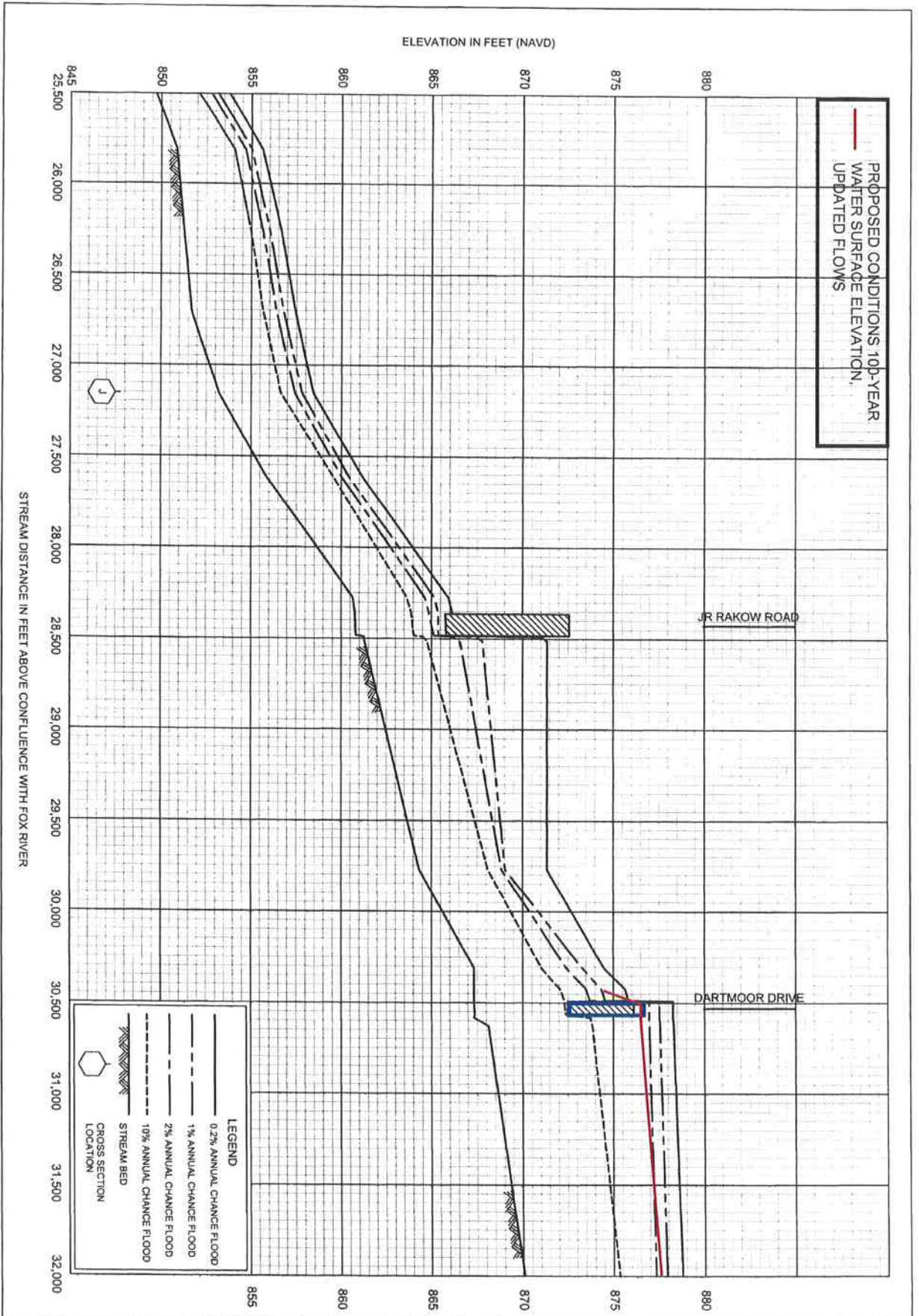
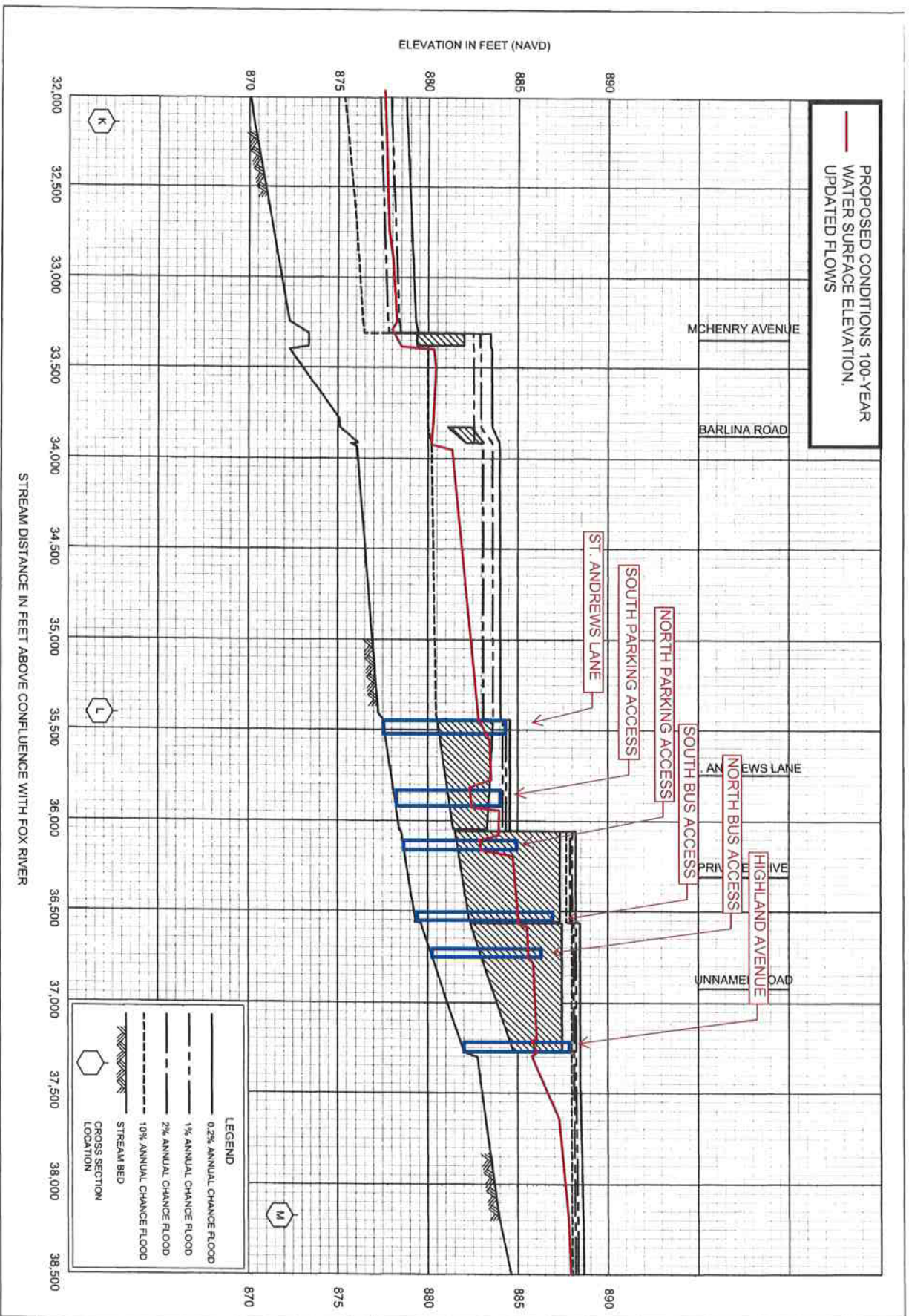


EXHIBIT 8.1



FLOOD PROFILES
CRYSTAL CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
MCHENRY COUNTY, IL
AND INCORPORATED AREAS

14P

EXHIBIT 8.2

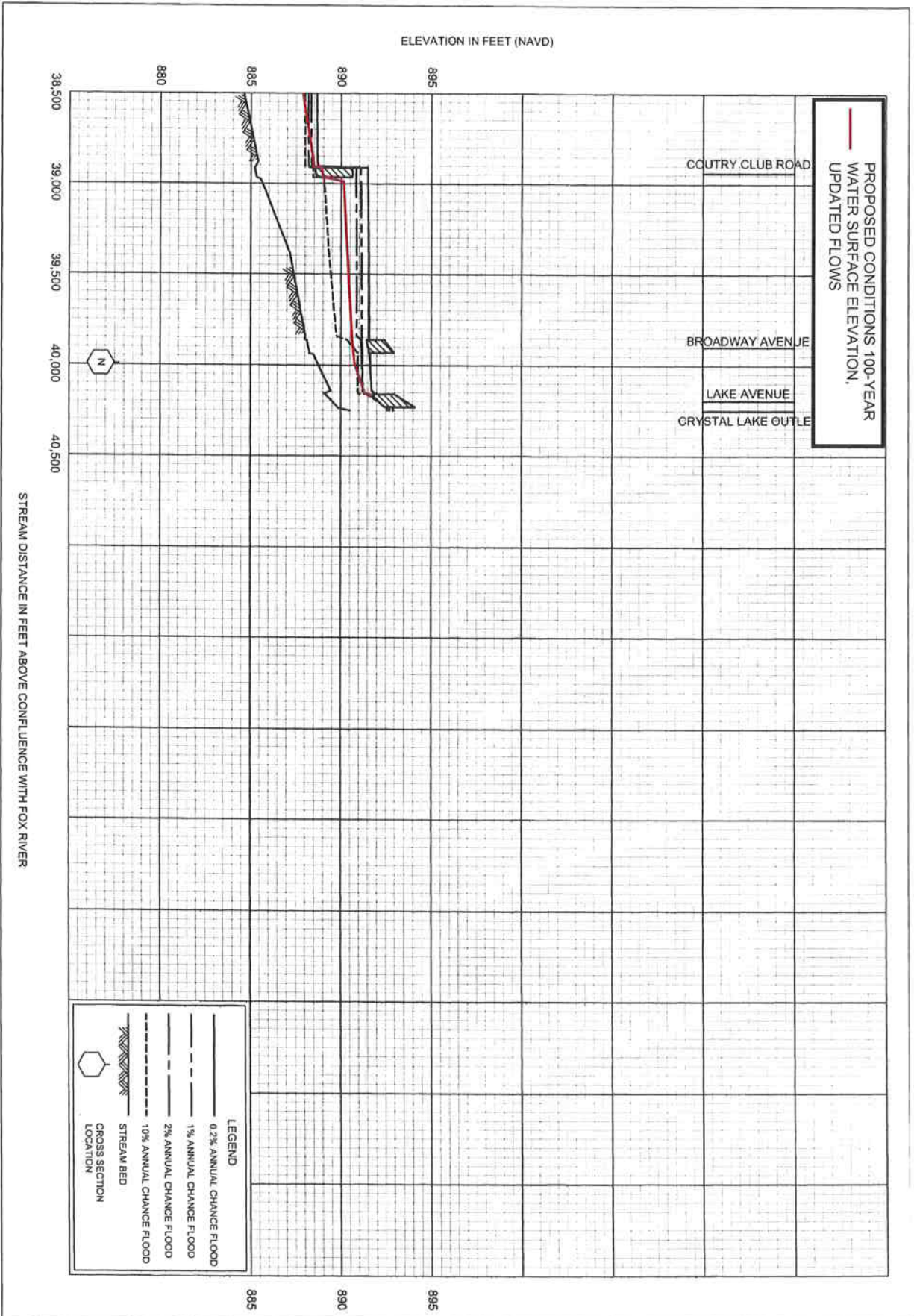


EXHIBIT 8.3

JOINT APPLICATION FORM FOR ILLINOIS

RECEIVED

ITEMS 1 AND 2 FOR AGENCY USE

1. Application Number

N 20230089 -

2. Date Received

AUG 03 2023

IDNR/OWR
Bartlett Office

3 and 4. (SEE SPECIAL INSTRUCTIONS) NAME, MAILING ADDRESS AND TELEPHONE NUMBERS

3a. Applicant's Name:

Abigail Wilgreen, PE
Company Name (if any):
City of Crystal Lake
Address:
100 W. Woodstock Street
Crystal Lake, IL 60039

Email Address:

3b. Co-Applicant/Property Owner Name
(if needed or if different from applicant):

Company Name (if any):

Address:

Email Address:

4. Authorized Agent (an agent is not required):

Darren Olson, PE
Company Name (if any):
Christopher B. Burke Engineering, Ltd.
Address:
9575 W. Higgins Road,
Suite 600
Rosemont, IL 60018

Email Address:

Applicant's Phone Nos. w/area code

Business: 815-356-3605

Residence:

Cell:

Fax:

Applicant's Phone Nos. w/area code

Business:

Residence:

Cell:

Fax:

Agent's Phone Nos. w/area code

Business: 847-823-0500

Residence:

Cell:

Fax:

STATEMENT OF AUTHORIZATION

I hereby authorize, Darren Olson 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. Lundahl Middle School	560 Nash Rd, Crystal Lake, IL 60014	(815) 459-5971
b. City of Crystal Lake	100 W. Woodstock Street, Crystal Lake, IL 60039	(815) 356-3605
c.		
d.		

6. PROJECT TITLE:

Crystal Creek Daylighting - Phase 1

7. PROJECT LOCATION:

Crystal Creek at Broadway Ave. and Country Club Dr.

LATITUDE: 42.22461	°N	UTMs				
LONGITUDE: -88.34054	°W	Northing: 4675594.30				
		Easting: 389362.26				
STREET, ROAD, OR OTHER DESCRIPTIVE LOCATION		LEGAL DESCRIPT	QUARTER	SECTION	TOWNSHIP NO.	RANGE
Crystal Creek at Highland Avenue and St. Andrews Lane			SW	6	43N	8E
<input checked="" type="checkbox"/> IN OR <input type="checkbox"/> NEAR CITY OF TOWN (check appropriate box)		WATERWAY			RIVER MILE (if applicable)	
Municipality Name		Crystal Creek				
Crystal Lake						
COUNTY	STATE	ZIP CODE				
McHenry	IL	60014				

Revised 2010

Corps of Engineers

IL Dep't of Natural Resources

IL Environmental Protection Agency

Applicant's Copy

8. PROJECT DESCRIPTION (Include all features):
 The City is proposing the first phase of daylighting approximately 2,000 linear feet of 36" diameter storm sewer to create an open channel through the School Property between Highland Avenue to the north and St. Andrews Lane to the south. The project ultimately requires (6) culvert crossings to maintain the flow of street traffic on Highland Avenue and St. Andrews Lane and to allow car and bus access to the School. The project will be completed in two (2) phases to allow construction of each phase over the summer and avoid interruption of the school schedule. The subject of this permit application is Phase I of the project which involves the construction of new culverts at St. Andrews Lane and Highland Avenue and utility relocation in advance of the second phase. The existing 36" culvert will continue to be in service through the school property after Phase I of the project.

9. PURPOSE AND NEED OF PROJECT:
 The subject of this application is Phase 1 of 2 of the Crystal Creek Daylighting project. Phase 1 of the project is an interim condition which must be completed in the summer of 2024 in order for Phase 2 to proceed with construction in the summer of 2025. Phase 2 will be permitted separately. Modeling shows that the completion of both phases of the project will result in substantial BFE reductions for the school property and nearby residential areas.

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

10. REASON(S) FOR DISCHARGE:

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

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

13. DESCRIPTION OF AVOIDANCE, MINIMIZATION AND COMPENSATION (See instructions)

14. Date activity is proposed to commence: Spring 2024 Date activity is expected to be completed: Fall 2024

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.

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
US Army Corps of Engineers City of Crystal Lake	Wetland Permit Stormwater Management				

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

18. APPLICATION VERIFICATION (SEE SPECIAL INSTRUCTIONS)
 Applicant certifies that the information described herein is true, complete, and accurate. I further certify that I possess the authority to undertake the proposed activities.

 Signature of Applicant or Authorized Agent

 Signature of Applicant or Authorized Agent

 Signature of Applicant or Authorized Agent

Date: August 2, 2023
 RECEIVED
 AUG 03 2023
 IDNR/OWR
 Bartlett Office

- Corps of Engineers Revised 2010
 IL Dep't of Natural Resources
 IL Environmental Protection Agency
 Applicant's Copy

SEE INSTRUCTIONS FOR ADDRESS

8. PROJECT DESCRIPTION (Include all features):

The City is proposing the second phase of daylighting approximately 2,000 linear feet of 36" diameter storm sewer to create an open channel through the School Property between Highland Avenue to the north and St. Andrews Lane to the south. The project ultimately requires (6) culvert crossings to maintain the flow of street traffic on Highland Avenue and St. Andrews Lane and to allow car and bus access to the School. The project will be completed in two (2) phases to allow construction of each phase over the summer and avoid interruption of the school schedule. The Phase 1 permit previously submitted was for construction of the culverts at Highland Avenue and St. Andrews Lane in addition to utility relocations. The subject of this permit application is Phase 2 of the project which involves the remaining construction of access drive culverts and channelization of Crystal Creek. The existing sewer system will be removed project as part of the channelization.

9. PURPOSE AND NEED OF PROJECT:

The subject of this application is Phase 2 of the Crystal Creek Daylighting project. Phase 1 of the project previously submitted is an interim condition which must be completed in the summer of 2024 in order for Phase 2 to proceed with construction in the summer of 2025. Modeling shows that the completion of both phases of the project will result in substantial BFE reductions for the school property and nearby residential areas.

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

10. REASON(S) FOR DISCHARGE:

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

TYPE:

AMOUNT IN CUBIC YARDS:

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

13. DESCRIPTION OF AVOIDANCE, MINIMIZATION AND COMPENSATION (See instructions)

14. Date activity is proposed to commence
Spring 2025

Date activity is expected to be completed
Fall 2025

15. Is any portion of the activity for which authorization is sought now complete? Yes No

Month and Year the activity was completed

NOTE: If answer is "YES" give reasons in the Project Description and Remarks section. Indicate the existing work on drawings.

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
US Army Corps of Engineers City of Crystal Lake	Wetland Permit Stormwater Management		August 7, 2023	December 13, 2023	

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

18. APPLICATION VERIFICATION (SEE SPECIAL INSTRUCTIONS)

Application is hereby verified as true, complete, and accurate. I certify that I am familiar with the information contained in the application, and that to the best of my knowledge and belief, the information is true, complete, and accurate. I further certify that I possess the authority to undertake the proposed activities.

Authorized Agent

Signature of Applicant or Authorized Agent

Signature of Applicant or Authorized Agent

January 12, 2024

Date

Date

Date

Corps of Engineers Revised 2010 IL Dep't of Natural Resources IL Environmental Protection Agency Applicant's Copy

SEE INSTRUCTIONS FOR ADDRESS