



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

PUBLIC NOTICE

PROPOSED COFFERDAM CONSTRUCTION WITHIN THE FOX RIVER CHANNEL LOCATED SOUTH OF THE FOX RIVER RAILROAD BRIDGE IN THE CITY OF GENEVA

The City of Geneva, 22 South First Street, Geneva, Illinois 60134 has requested the IDNR Office of Water Resources for construction approval for two temporary cofferdams and two 20-inch pipelines under the channel in the floodway of the Fox River. The project site is located just south of the Fox River Railroad Bridge. The project coordinates are Northeast Section 10, Township 39 North, Range 8 East of the Third Principal Meridian in Kane County.

Install two 20-inch Wastewater Pipelines under the Fox River Channel

This Public Notice is required since the construction of two temporary cofferdams could alter the navigation on the Fox River and could cause increased flood damages upstream. The cofferdams will be built to provide “open trench” installation of two 20-inch diameter wastewater pipes under the entire Fox River channel. These pipes are necessary for the operation of the City of Geneva Wastewater treatment plant. The cofferdams are to be placed on a temporary basis and will be installed one at a time allowing for needed Fox River water flow and boat traffic navigation.

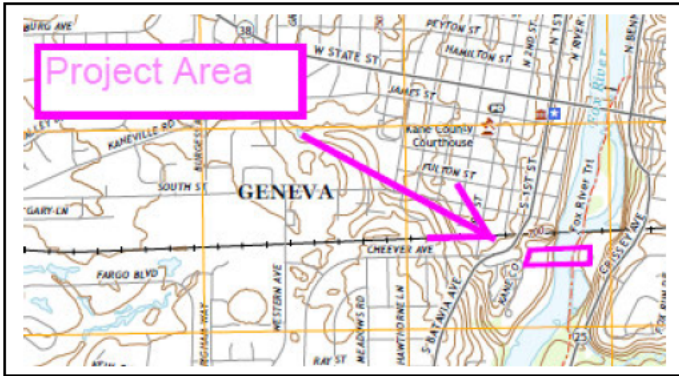
Emergency Cofferdam Removal with a 25-year Rainfall Storm

The engineer has a plan to quickly remove a cofferdam should a 25-year storm event occur. The engineer will monitor Fox River flows and rainfall amounts to identify the 25-year event. The 25-year flood event was chosen as this flood could become a 100-year flood event. The 100-year event with either cofferdam installed will increase upstream flood damages to several upstream existing structures (including the Atwater Restaurant) along the Fox River floodplain.

Additional information for this proposed project may be seen by appointment at the IDNR/OWR Northeastern Illinois Regulatory Programs Section office, 2050 West Stearns Road, Bartlett, IL 60103. Inquiries and requests may be directed to Mark Hoskins of the Bartlett Office at 847/608-3116, or you may contact the applicant’s engineer Andrew Barbeau of Fehr Graham Engineering & Environmental at (630) 897-4651.

**An expanded version of the notice is available on our website at www.dnr.illinois.gov/waterresources
Should you have any further questions or comments please send them to the Bartlett Office by
April 18, 2024.**

March 27, 2024
MEH:BTB



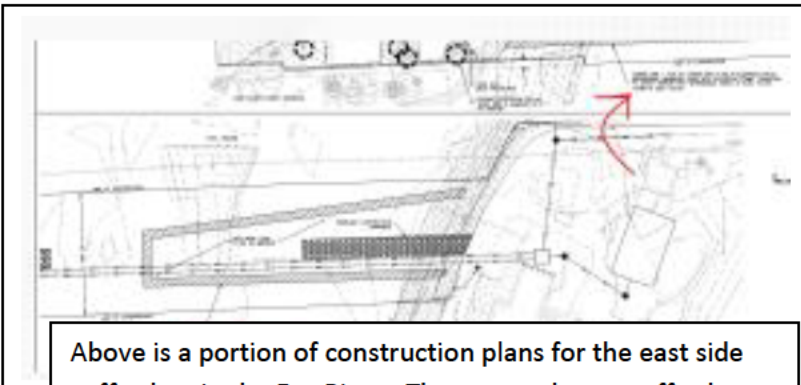
Location of temporary cofferdams

The purpose of the cofferdams is to provide open trench installation of twin 20-inch wastewater pipes under the Fox River channel.

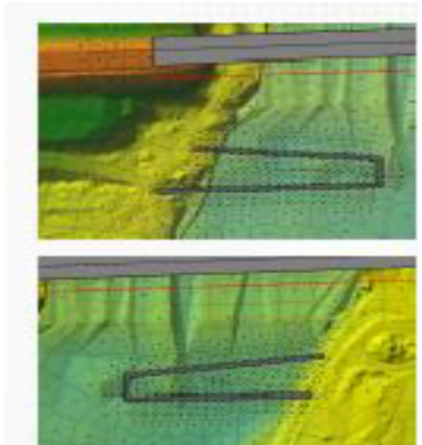


West Cofferdam
Location approximate

East Cofferdam
Location approximate



Above is a portion of construction plans for the east side cofferdam in the Fox River. The east and west cofferdams provide open trench installation of the 2-20-inch conduit pipelines, to be installed under the Fox River channel.



Computer model HEC-RAS includes topographic cross sections. This graphic uses different colors for different land topography heights.

JOINT APPLICATION FORM FOR ILLINOIS

ITEMS 1 AND 2 FOR AGENCY USE

| | |
|-----------------------|------------------|
| 1. Application Number | 2. Date Received |
|-----------------------|------------------|

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

| | | |
|---|---|---|
| 3a. Applicant's Name: Leonard Dane Company Name (if any) : Fehr Graham Engineering & Environmental Address: 230 Woodlawn Avenue Aurora, IL 60506 Email Address: ldane@fehrgraham.com | 3b. Co-Applicant/Property Owner Name (if needed or if different from applicant): Bob VanGyseghem Company Name (if any): City of Geneva Address: 22 S. First St. Geneva, IL 60134 Email Address: bvangyseghem@geneva.il.us | 4. Authorized Agent (an agent is not required): N/A Company Name (if any): Address: Email Address: |
| Applicant's Phone Nos. w/area code Business: 630-423-0479 Residence: Cell: XXXXXXXXXX Fax: | Applicant's Phone Nos. w/area code Business: 630-232-1551 Residence: Cell: Fax: | Agent's Phone Nos. w/area code Business: Residence: Cell: Fax: |

STATEMENT OF AUTHORIZATION

I hereby authorize, Leonard Dane - Fehr Graham 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.

[Redacted Signature]
2/11/2022
 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. FOREST PRESERVE DISTRICT OF KANE COUNTY | 1996 S KIRK RD STE 320 GENEVA, IL, 60134-4118 | N/A |
| b. CHICAGO & NORTHWESTERN TRANSPORTATION CO | 1700 FARNAM ST 10TH FLOOR SOUTH OMAHA, NE, 68102-2010 | N/A |
| c. M&C REALTY LLC | 7S719 DONWOOD DR NAPERVILLE, IL, 60540-9449 | N/A |
| d. | | |

6. PROJECT TITLE:
 Geneva WWTP Improvements and River Crossing

7. PROJECT LOCATION:
 602 Crissey Avenue, Geneva, IL 60134

| LATITUDE: 41.88053 °N LONGITUDE: 88.30288 °W | UTM's Northing: Easting: | | | | | | | | | | |
|---|--|-----------------------|---------------------------------------|---------|--------------|-------|--|----|----|-----|----|
| STREET, ROAD, OR OTHER DESCRIPTIVE LOCATION 602 Crissey Ave, Geneva, IL 60134 | <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <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> <tr> <td></td> <td>NE</td> <td>10</td> <td>39N</td> <td>8E</td> </tr> </table> | LEGAL DESCRIPT | QUARTER | SECTION | TOWNSHIP NO. | RANGE | | NE | 10 | 39N | 8E |
| LEGAL DESCRIPT | QUARTER | SECTION | TOWNSHIP NO. | RANGE | | | | | | | |
| | NE | 10 | 39N | 8E | | | | | | | |
| <input checked="" type="checkbox"/> IN OR <input type="checkbox"/> NEAR CITY OF TOWN (check appropriate box) Municipality Name City of Geneva | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; text-align: center;"> WATERWAY Fox River </td> <td style="width: 30%; text-align: center;"> RIVER MILE (if applicable) 47.0 </td> </tr> </table> | WATERWAY Fox River | RIVER MILE (if applicable) 47.0 | | | | | | | | |
| WATERWAY Fox River | RIVER MILE (if applicable) 47.0 | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 25%;">COUNTY</th> <th style="width: 25%;">STATE</th> <th style="width: 50%;">ZIP CODE</th> </tr> <tr> <td>Kane</td> <td>IL</td> <td>60134</td> </tr> </table> | COUNTY | STATE | ZIP CODE | Kane | IL | 60134 | | | | | |
| COUNTY | STATE | ZIP CODE | | | | | | | | | |
| Kane | IL | 60134 | | | | | | | | | |

8. PROJECT DESCRIPTION (Include all features):

The potential project will add a new river crossing with 2 parallel 20" conduits. This potential project will reduce the likelihood of sanitary sewer overflows, provide redundancy, and allow for easier inspection and maintenance. The new potential crossing will be located south of the railroad and convey flow directly into the wastewater treatment plant. This location provides easier construction access than the area of the existing crossing, north of the railroad tracks. The potential new river crossing would be installed via open cut trenching, pending environmental review and geological investigation. New junction boxes would be installed on both sides of the crossing to provide hydraulic control for the two conduits and connect to the existing sanitary sewer.

9. PURPOSE AND NEED OF PROJECT:

Sanitary flow is currently conveyed from the west side of the Fox River to the east side of the fox river via a single 20" cast iron sewer. Through flow monitoring and hydraulic modeling, this sewer has been identified as a hydraulic bottleneck in the collection system which contributes to sanitary sewer overflows. It also conveys roughly 75% of the City of Geneva's dry weather sanitary flow, and therefore is a critical component of the City of Geneva's collection system

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

10. REASON(S) FOR DISCHARGE:

A temporary coffer dam will be constructed to allow for work in the Fox River. All spoil material excavated will be deposited in a self-contained area in compliance with all state statutes. The temporary coffer dam will be completely removed upon completion of the project. The river bottom will be restored to its pre-construction condition. All fill/dredging activities will be temporary.

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

TYPE: Spoil material from Fox River bottom
 AMOUNT IN CUBIC YARDS:
 350

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

Wetland impacts will be described in the Wetland Delineation Report once completed

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

A wetland bank will be purchased to account for the wetland area that will be disturbed by the project.
 ---OR---
 The existing wetland will be restored in its existing location and/or new wetlands constructed, in accordance with all governing statutes, on City of Geneva property to compensate for the wetland areas that are disturbed during construction.

14. Date activity is proposed to commence

Date activity is expected to be completed

15. Is any portion of the activity for which authorization is sought now complete? Yes No
 Month and Year the activity was completed N/A

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 |
|----------------|------------------|--------------------|---------------------|------------------|----------------|
|----------------|------------------|--------------------|---------------------|------------------|----------------|

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.

[Redacted Signature]

Signature of Applicant or Authorized Agent

02/10/2022

Date

[Redacted Signature]

Signature of Applicant or Authorized Agent

2/11/2022

Date

Signature of Applicant or Authorized Agent

Date

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

SEE INSTRUCTIONS FOR ADDRESS

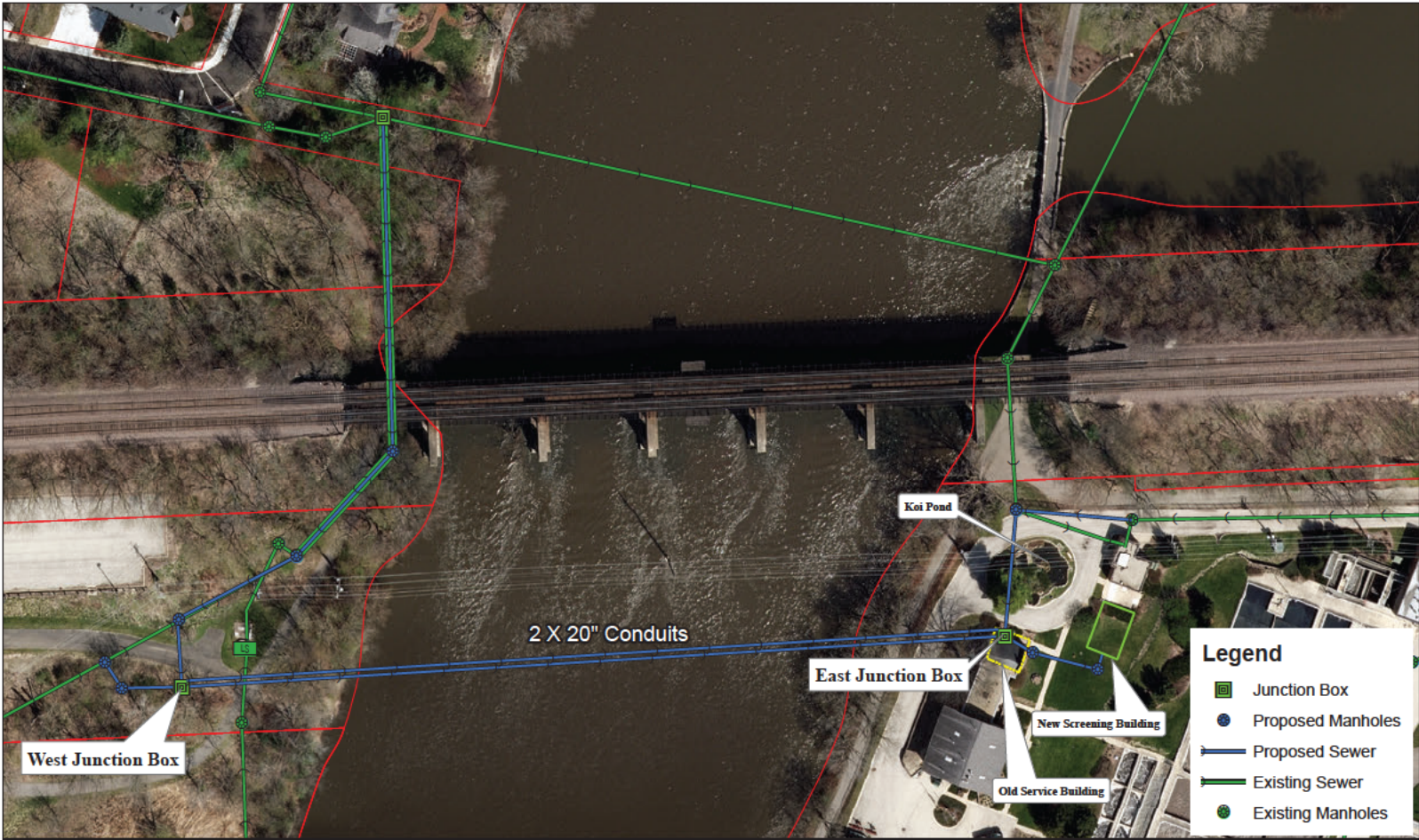
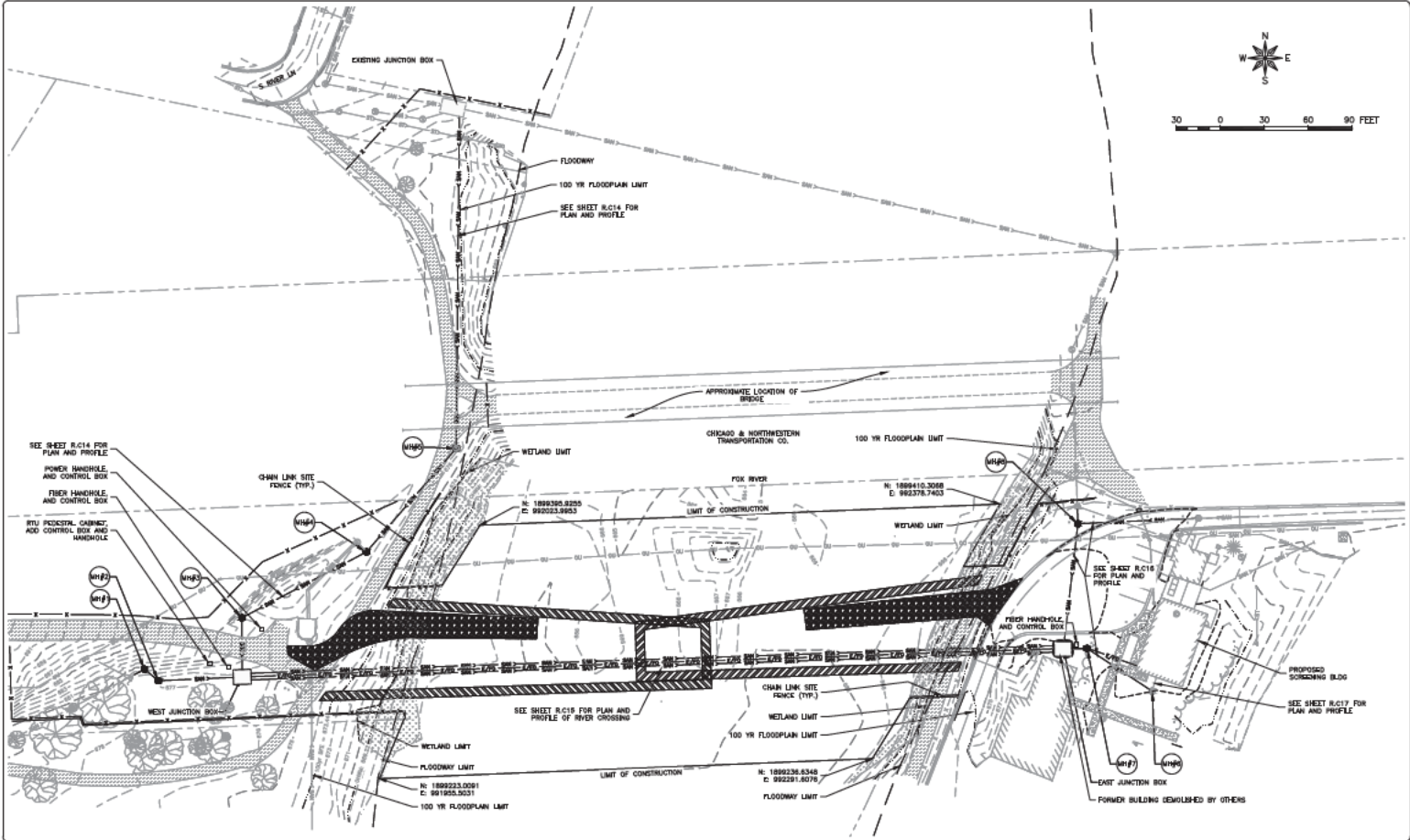


Figure 3-2
Geneva Sanitary Sewer Evaluation
Potential Fox River Crossing





FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL

ILLINOIS
IOWA
WISCONSIN

PROJECT NO: 22-740
CITY OF GENEVA
22 SOUTH FIRST STREET
GENEVA, ILLINOIS 60134

PROJECT AND LOCATION:
GENEVA RIVER CROSSING
GENEVA, ILLINOIS

DESIGN BY: OB
APPROVED BY: CD
DATE: 12/01/23
SCALE: 1"=30'

| REVISIONS | |
|-----------|-------------|
| NO. | DESCRIPTION |
| | |
| | |
| | |
| | |

CLIENT: RIVER CROSSING
PROPOSED SITE PLAN

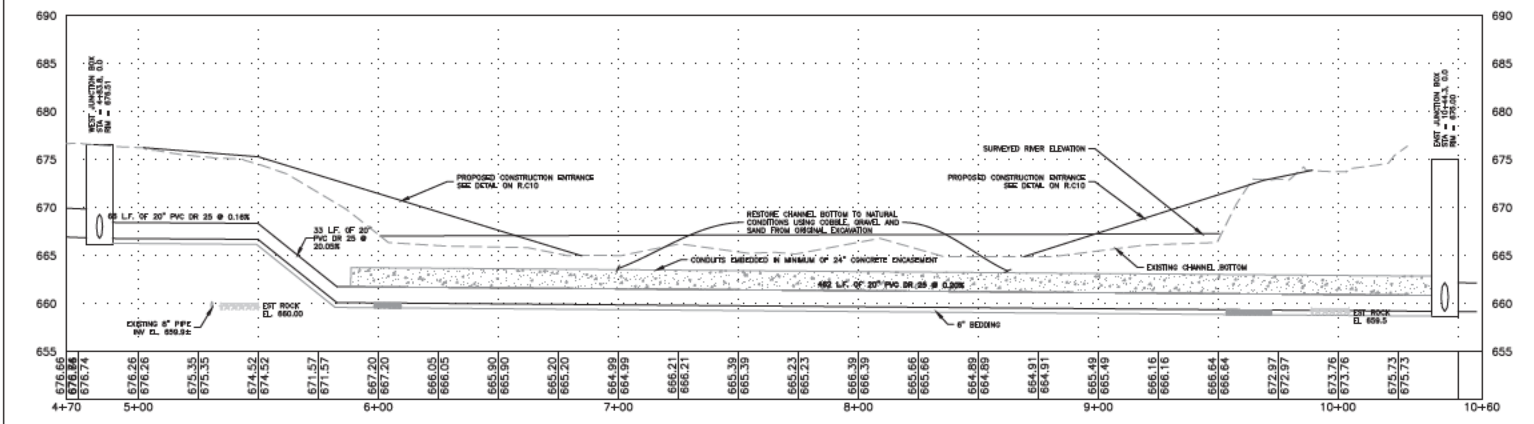
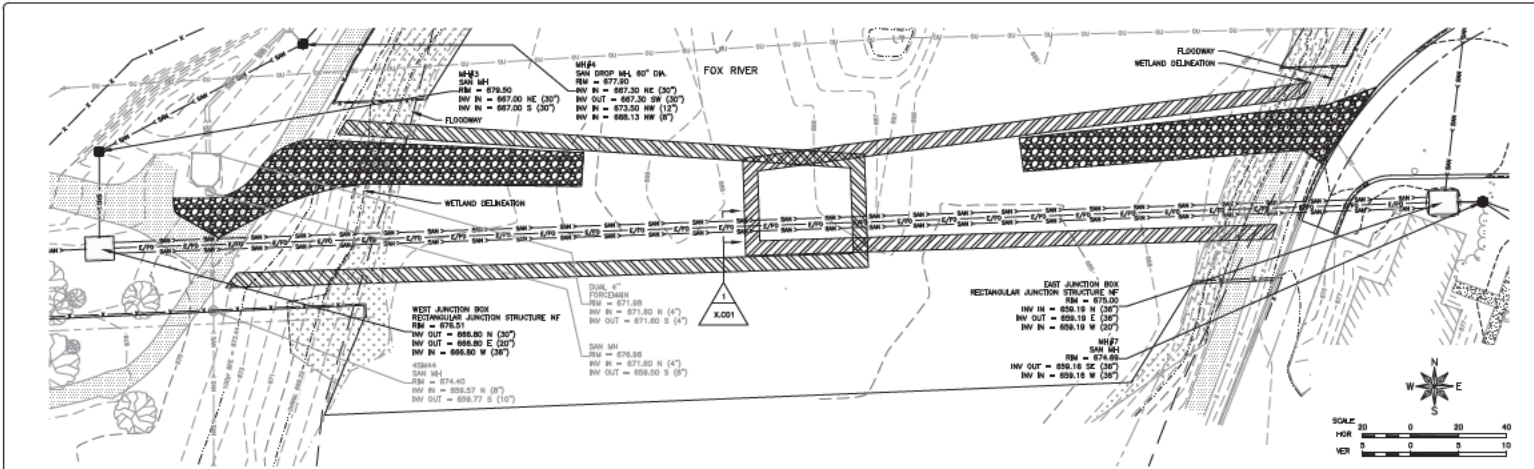
SET NO: CLIENT 90% REVIEW SET

JOB NUMBER:
22-740

SHEET NUMBER:
R.C.03

TOTAL SHEETS:
15 of 44

PLAN DATE: 12/15/23 © 2023 FEHR GRAHAM



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ILLINOIS
IOWA
WISCONSIN

PROJECT NO. 22-740
CITY OF GENEVA
22 SOUTH FIRST STREET
GENEVA, ILLINOIS 60134

PROJECT AND LOCATION:
GENEVA RIVER CROSSING
GENEVA, ILLINOIS

DESIGNER:
DATE: 12/01/23
SCALE: 1"=20'

| REV. NO. | REVISIONS | DATE |
|----------|-----------|------|
| | | |
| | | |
| | | |

CLIENT: RIVER CROSSING SEWER PLAN AND PROFILE
SET NO: CLIENT 90% REVIEW SET
JOB NUMBER: 22-740
REV. & SHEET NUMBER: R.C.15
27 OF 44

FOR DATE 12/15/23 © 2023 FEHR GRAHAM