Illinois Department of Natural Resources

JB Pritzker, Governor • Natalie Phelps Finnie, Director
One Natural Resources Way • Springfield, Illinois 62702-1271
www.dnr.illinois.gov

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

PUBLIC NOTICE

ROUTE 20 BRIDGE CONSTRUCTION in PUBLIC WATERS on the Fox River In the CITY of ELGIN in Kane County

The Illinois Department of Transportation (IDOT), 201 West Center Court, Schaumburg, Illinois 60196 has requested from the Illinois Department of Natural Resources, Office of Water Resources construction concurrence for Route 20 bridge and roadway improvements within the floodway of the Fox River.

Flowing southward, the Fox River also travels under two separate railroad tracks within the Route 20 project area. This public notice is being issued pursuant to the State of Illinois Floodway Map Revision Rules within Part 3704 and 3708 Rules.

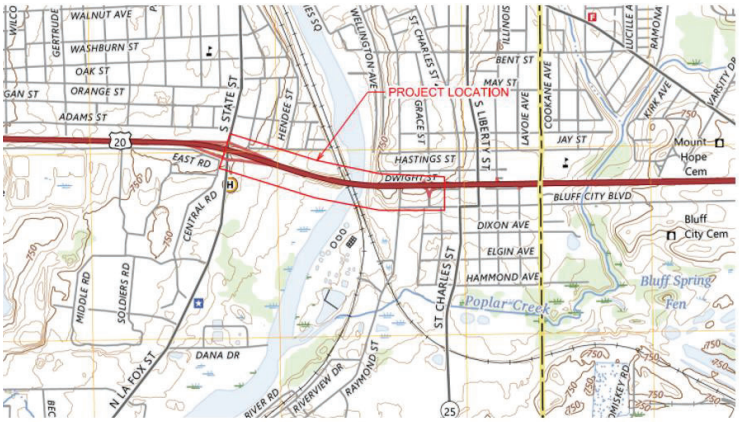
The construction improvements are shown on the reverse side of this notice. The regulatory floodplain is shown on the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) Panel 169J for Kane County and Incorporated Areas, effective January 23, 2026. The proposed construction is located in the Southwest Quadrant Section 24, Township 41 North, Range 8 East of the Third Principal Meridian in Kane County.

Information on the proposed floodplain map revision 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 to review the LOMR revision may be directed to Mark Hoskins of the Bartlett Office at 847/ 608-3116. Additional information about this LOMR is on our website at https://dnr.illinois.gov/waterresources/publicnotices.html. You may also contact the applicant's engineer, Fawad Aqueel of IDOT is the Department's engineer on this project. He can be reached at: Fawad.Aqueel@Illinois.gov.

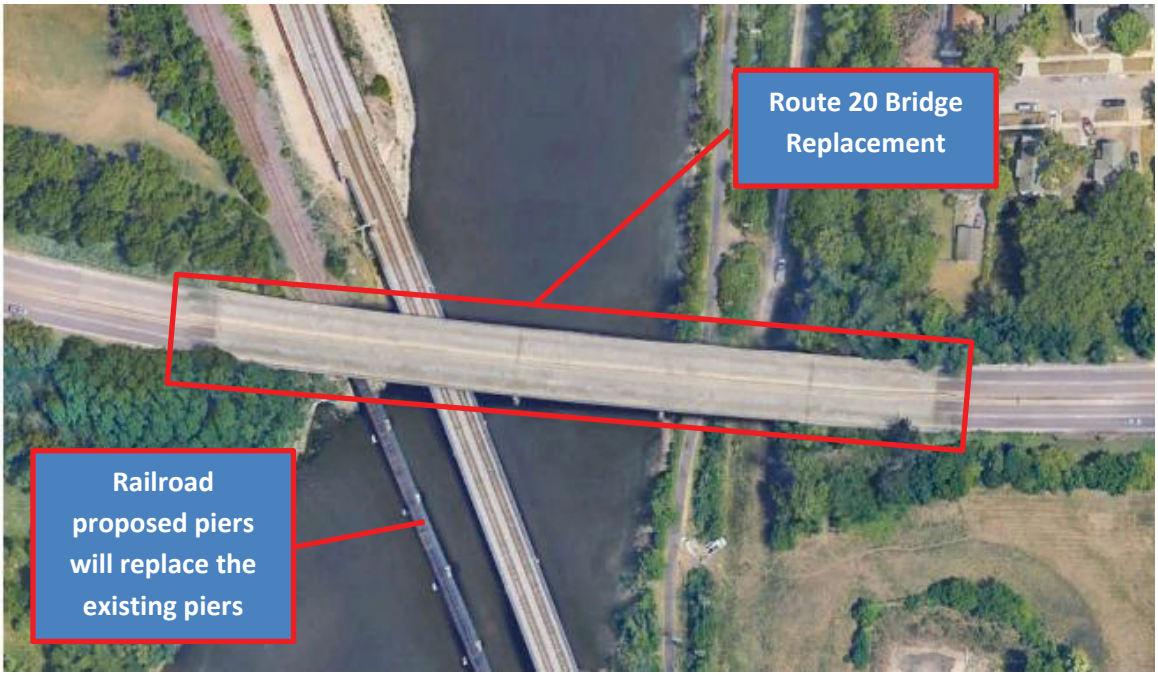
You are invited to send written comments regarding the proposed construction improvements to the Bartlett Office by April 17, 2026.

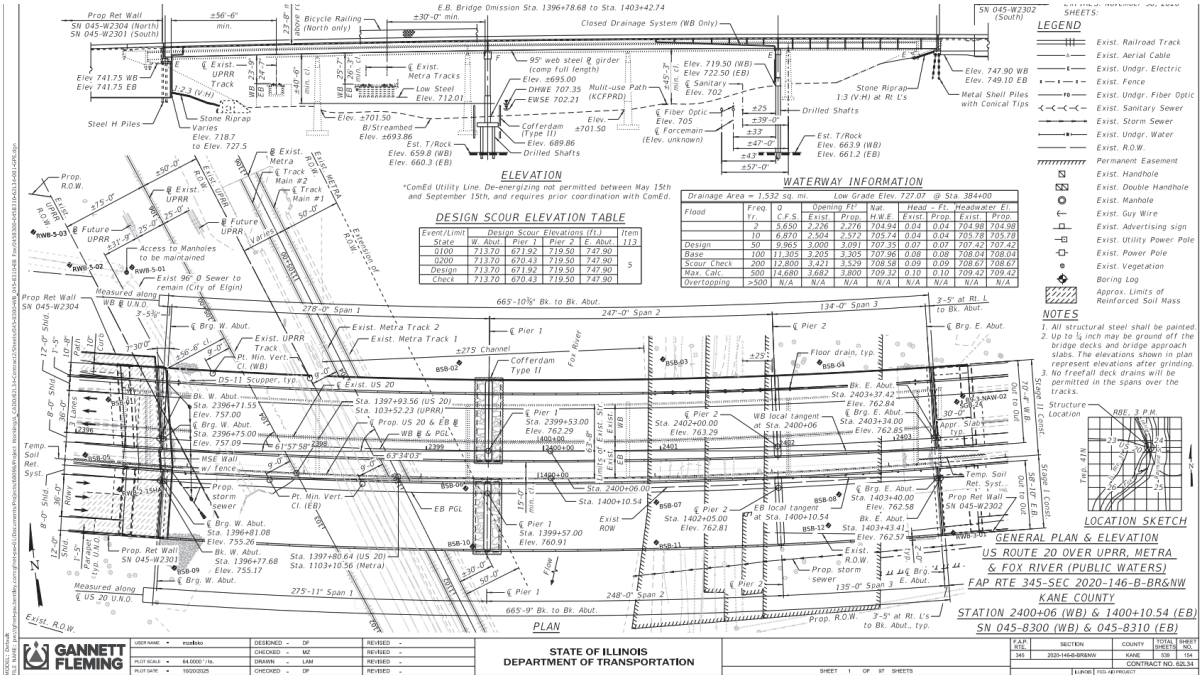
If you wish to contest the improvements navigation impacts on the revised floodway, please submit technical evidence of error or changed conditions. The IDNR/OWR will review the evidence to determine the correctness of the request.

March 26, 2026



Route 20 Project Location Map

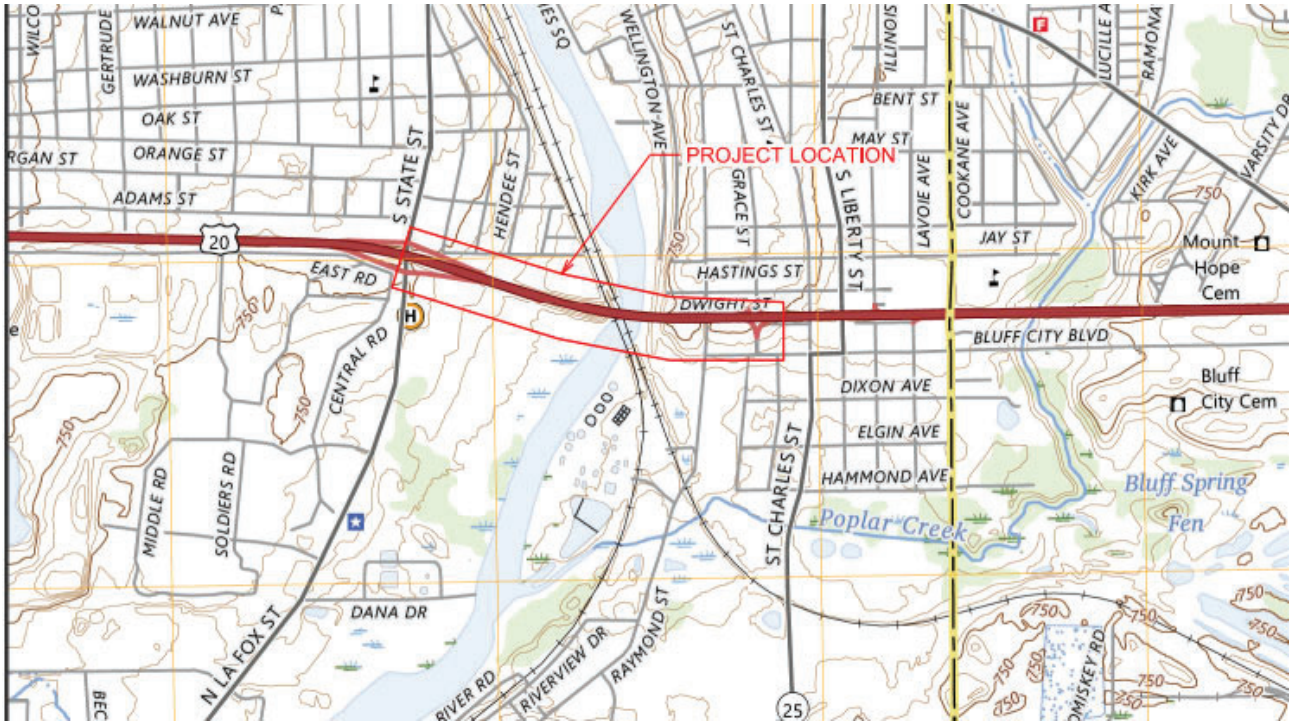


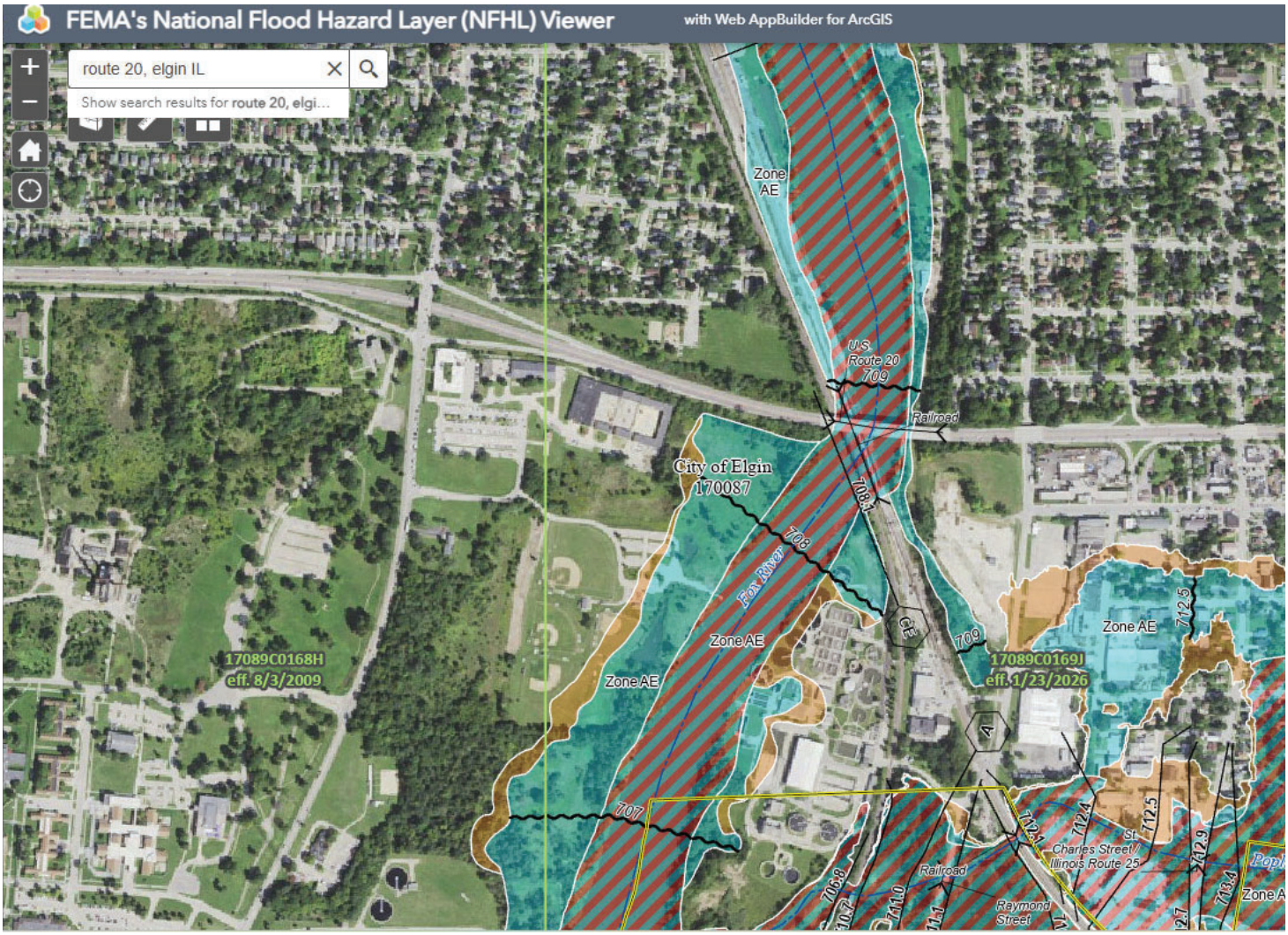


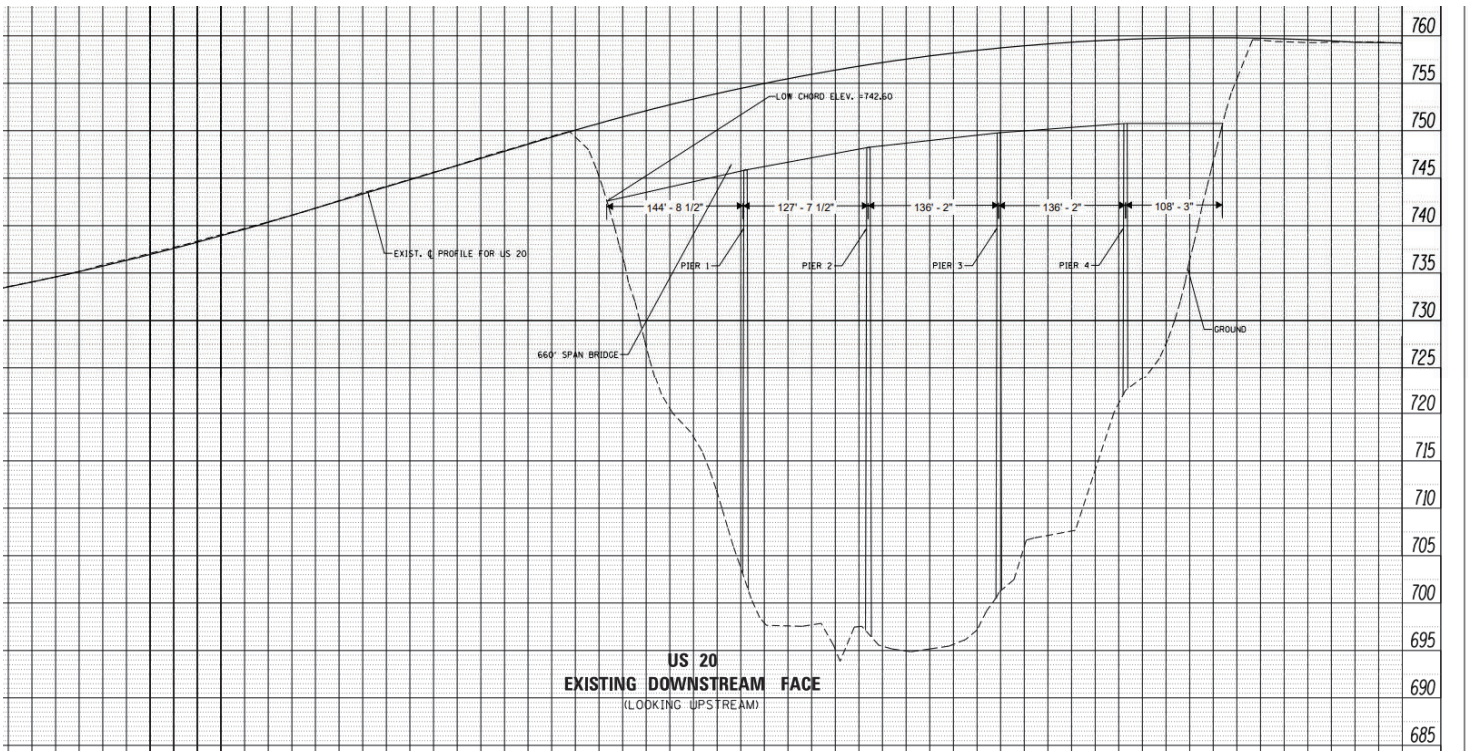
Route 20 Proposed Pier locations
Pier #1 Located in Fox River Channel

US-20 over the Fox River
Existing Structures S.N. 045-004
Proposed S.N. 045-8300 (WB) & 045-8310 (EB)

December 202




FEMA's National Flood Hazard Layer (NFHL) Viewer
with Web AppBuilder for ArcGIS
route 20, elgin IL
Show search results for route 20, elgi...
Zone AE
U.S. Route 20
709
Railroad
City of Elgin
170087
708.1
708
Fox River
Zone AE
Zone AE
Zone AE
17089C0168H
eff. 8/3/2009
17089C0169J
eff. 1/23/2026
709
712.5
707
712.4
St. Charles Street/ Illinois Route 25
Railroad
Raymond Street
706.8
711.0
713.4


LOW CHORD ELEV. = 742.50
144' - 8 1/2"
127' - 7 1/2"
136' - 2"
136' - 2"
108' - 3"
EXIST. ℄ PROFILE FOR US 20
PIER 1
PIER 2
PIER 3
PIER 4
GROUND
660' SPAN BRIDGE
760
755
750
745
740
735
730
725
720
715
710
705
700
695
690
685
US 20
EXISTING DOWNSTREAM FACE
(LOOKING UPSTREAM)

Permit Summary
(Attachment A - Compensatory Storage)

Part of Permit Summary for Floodway Construction in Northeast Illinois:

☐ Phase I (Preliminary) ☒ Phase II (Final)

Applicant Agency	District	County	Route
IDOT	1	Kane	US-20

Stream	Section	SN
Fox River	2020-146-B-BR&NW	045-0004

Additional Notes

Provide the following information for Item 11:

a. Flood Water Elevations (Natural): 100-year 707.50 10-year 705.42 Normal 700.46

b. Determine the amount of fill or material being placed in the floodway:

1. Between the 100-year and 10-year flood elevation 56.00 cubic yards
2. Between the 10-year and normal water elevation 134.00 cubic yards

c. Determine the volume being provided to compensate for above item b:
(i.e. from structures removal, excavation, etc.)

1. Between the 100-year and 10-year flood elevation 63.00 cubic yards
2. Between the 10-year and normal water elevation 156.00 cubic yards

d. Mark on the exhibits the location and amount of compensatory storage to be excavated. Also show the location of floodway and floodplain boundaries. (Include a set of plans and cross sections.)

Attach copy of calculations and Exhibit(s) reflecting the above finding.

All engineering analysis has been performed by me or under my direct supervision.

Illinois Department of Transportation

1D Model: Permit #1 Bridge
Waterway Information Table

Route: US-20
Waterway: Fox River
Section:
County: Kane

Existing SN: SN 045-0004
Proposed SN: SN 045-0004
Prepared by: NPM Date: 10/15/2019
Checked by: JGM Date: 10/15/2019

Drainage Area = 1,532 square miles

Existing Overtopping Elev. = 727.07 at Sta. 384+00
Proposed Overtopping Elev. = 727.07 at Sta. 384+00

Flood Event	Freq. Yr.	Discharge ft³/s	Waterway Opening - ft²		Natural H.W.E. - ft	Head - ft		Headwater Elevation – ft	
			Existing	Proposed		Existing	Proposed	Existing	Proposed
	10	6870	2504	2572	705.74	0.04	0.04	705.78	705.78
Design	50	9965	3000	3091	707.35	0.07	0.07	707.42	707.42
Base	100	11305	3205	3305	707.96	0.08	0.08	708.04	708.04
Scour Design Check	200	12800	3421	3529	708.58	0.09	0.09	708.67	708.67
Overtop Existing	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Overtop Proposed	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Max. Calc.	500	14680	3682	3800	709.32	0.10	0.10	709.42	709.42

74

Datum:
All-Time H.W.E. & Date: 703.29 ft - April 1960
Surveyed Normal Water Level: 700.46 ft

10-Year Velocity through Existing Structure = 2.87 ft/s
10-Year Velocity through Proposed Structure = 2.45 ft/s
2-Yr. Flow Rate = 5650 ft³/s

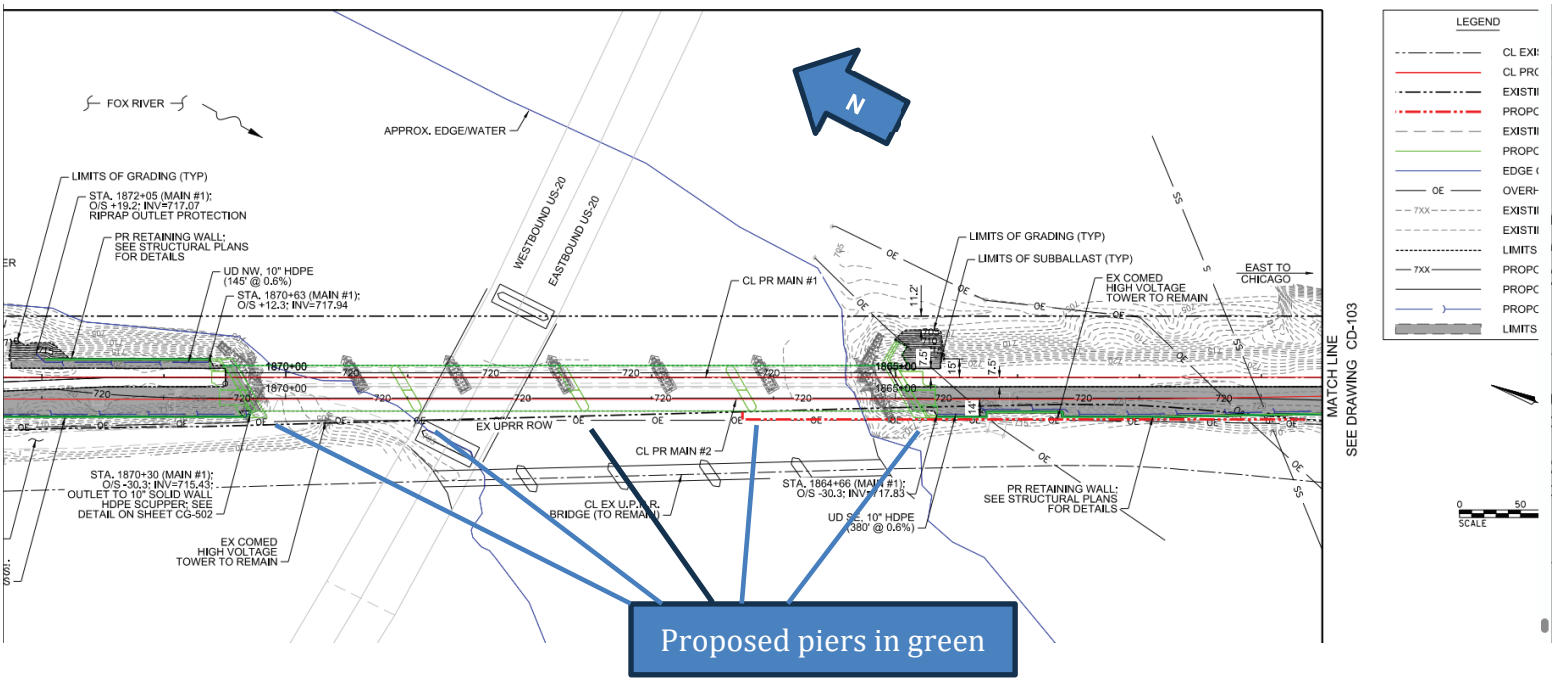
EXISTING STRUCTURE

Type: 5-Span
Length/Width: 660' / 61' 8"
Spans/Cells: 5
Low Chord: 742.60
Skew: 0 (relative to road)
Clearance: 35.18
Bridge Flow Line: 694.75 (u/s) 693.86 (d/s)
Low E.O.P.: 727.11
Freeboard: 19.65
Culvert Inverts: N/A (u/s) N/A (d/s)

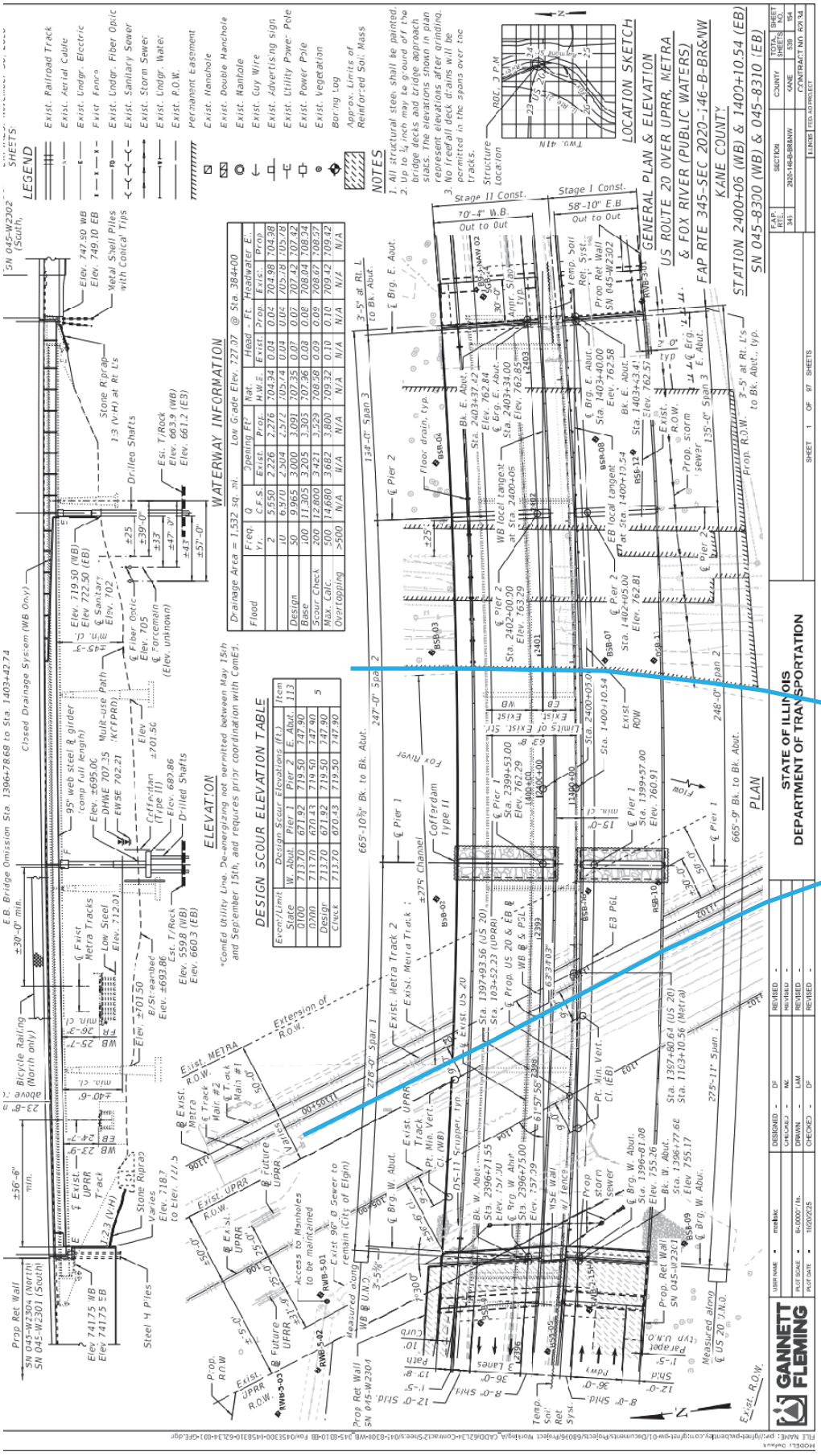
PROPOSED STRUCTURE

Type: 3-Span
Length Of Span: 719' / 133'
Spans: 3
Low Chord: 746.34
Skew: 0 (relative to road)
Clearance: 38.92
Bridge Flow Line: 695.12 (u/s) 695.55 (d/s)
Low E.O.P.: 727.07
Freeboard: 19.65

For WIT #1 the railroad bridges are used in the HEC-RAS model.
NOTE: Proposed Structure Details Are Preliminary; Subject To Refinement In TSL Stage.



Proposed piers in green



Pier 1 is located in the Fox River channel and the other piers are not.