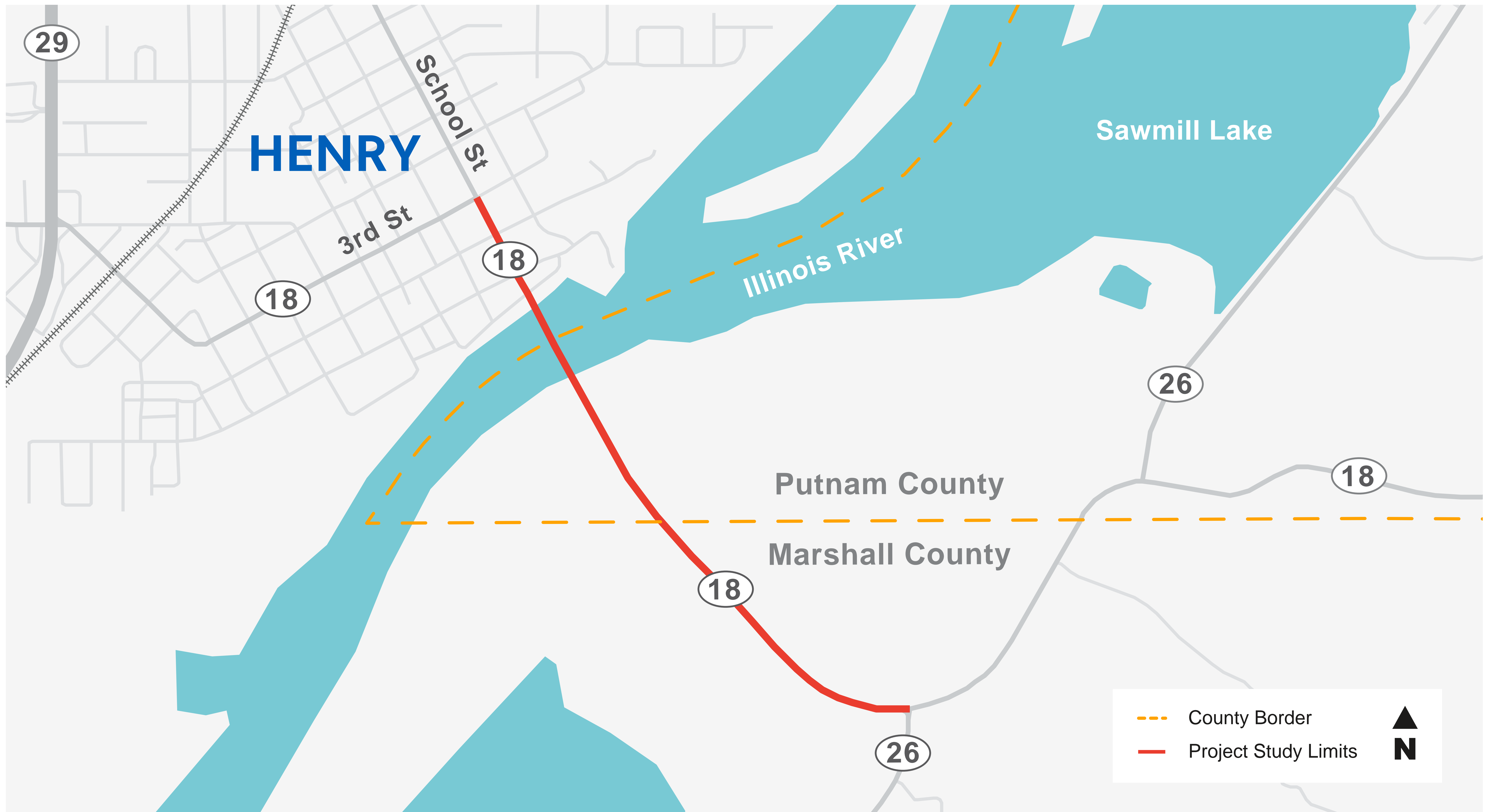
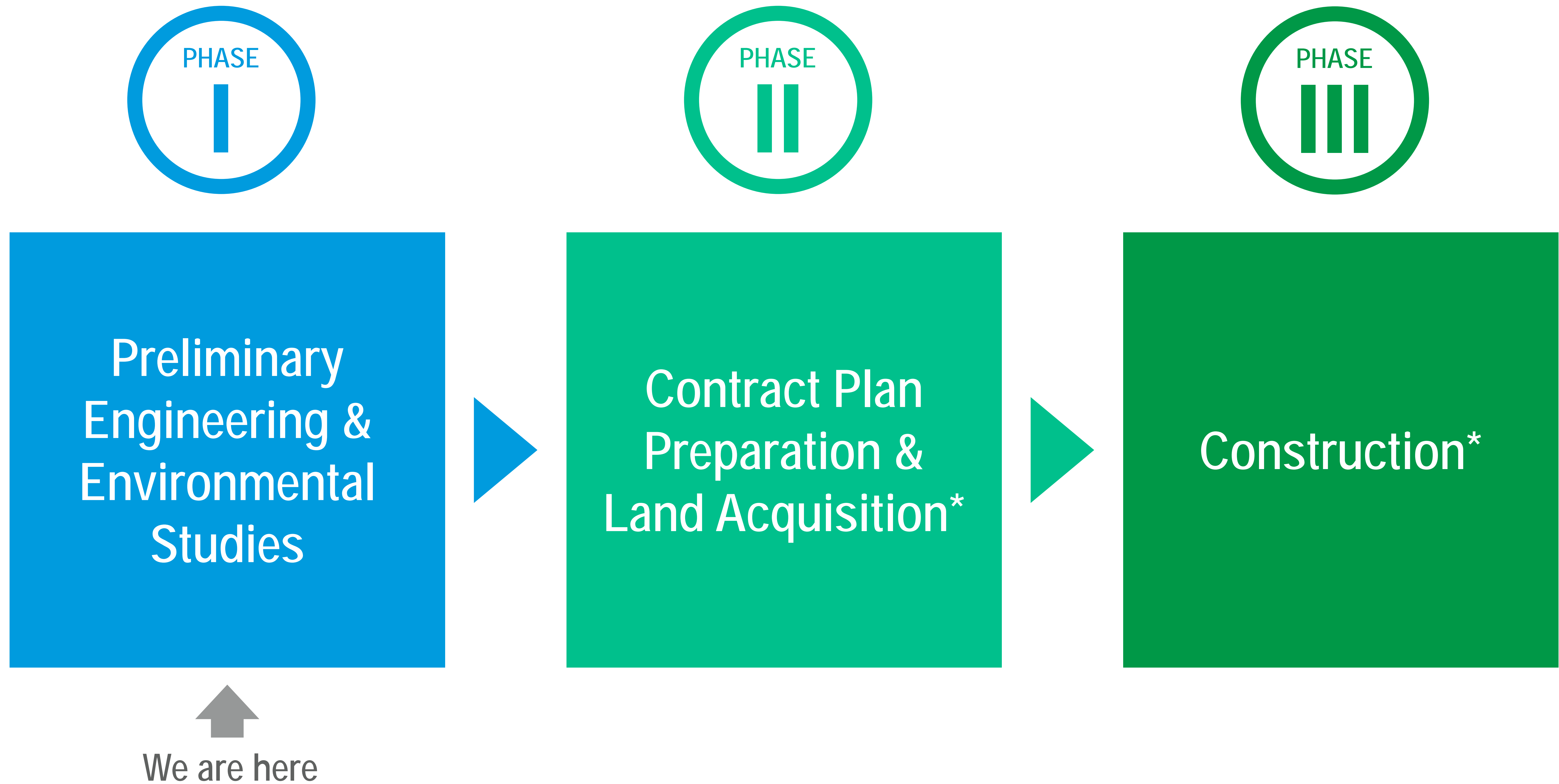


Study Area Map

Study Limits: Intersection of IL 18/3rd Street in Henry to Intersection of IL 18/IL 26



Project Development Process

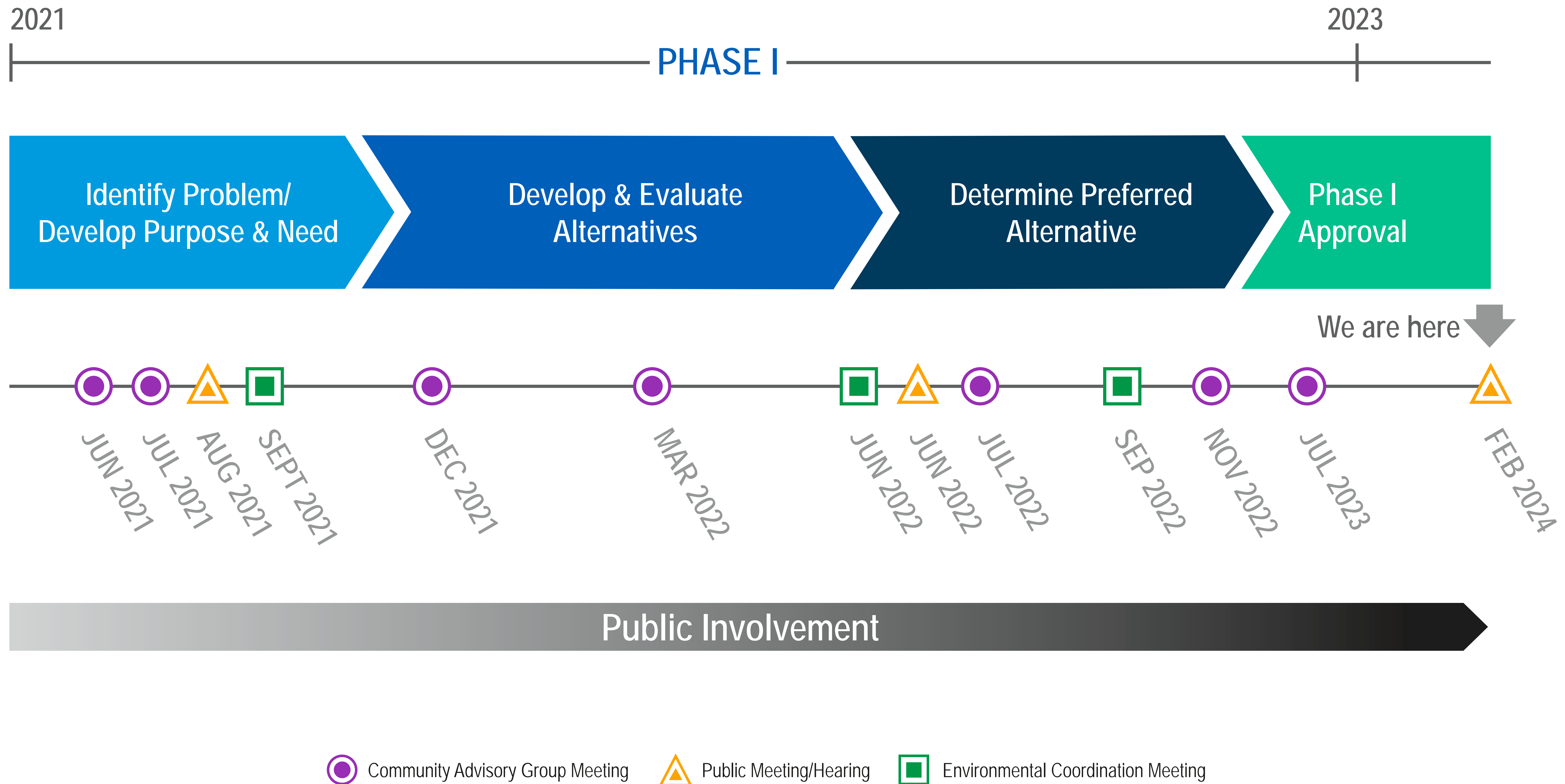


*Currently included in IDOT's Fiscal Year 2024 – 2029 Multi-year program

IL 18 RIVER BRIDGE PROJECT

Phase I – Estimated 2-year Process

Project Schedule / CAG Involvement



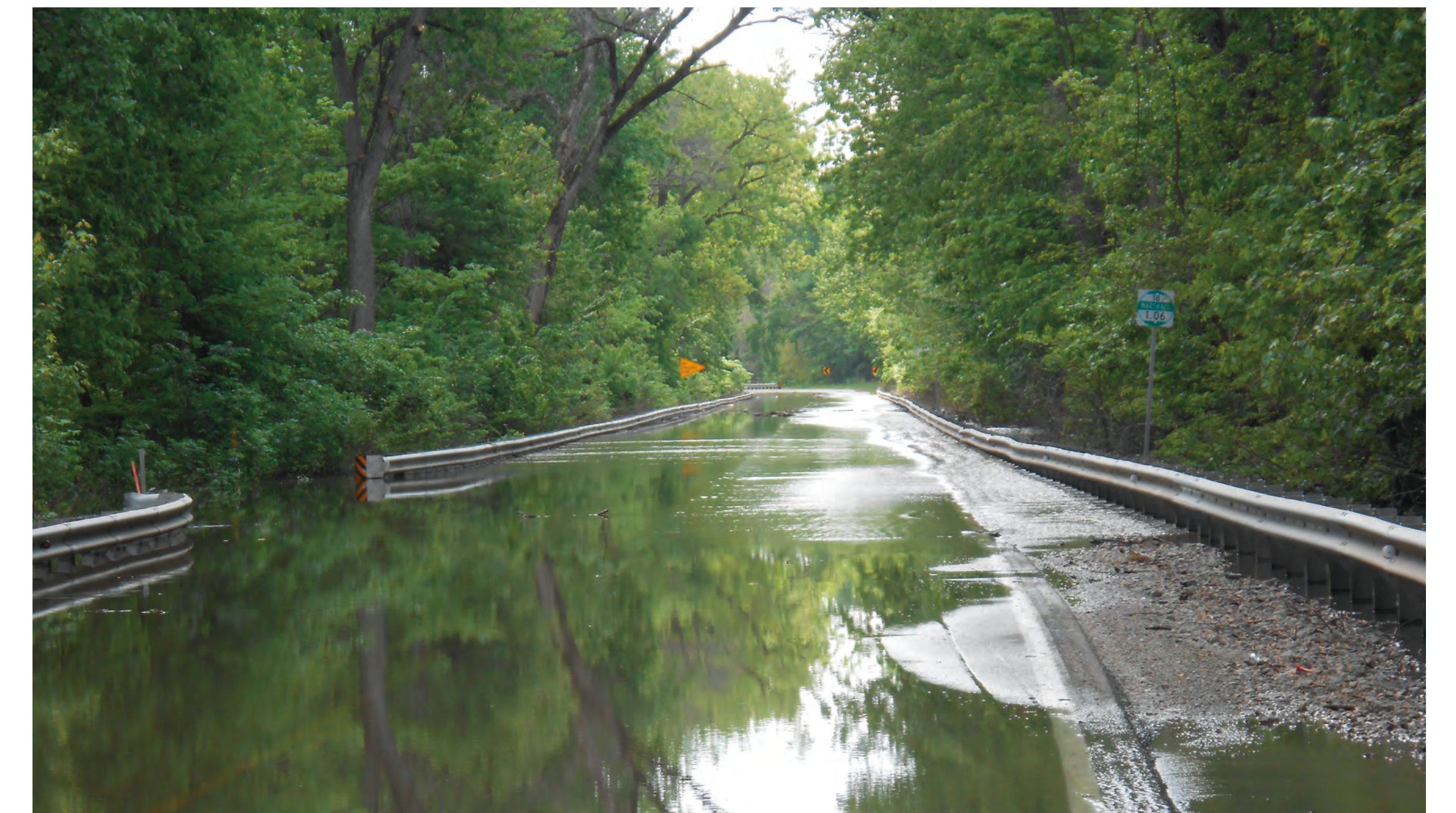
Purpose and Need

Purpose

- The purpose of the project is to accommodate IL 18 traffic through the project area and across the Illinois River on a transportation system that is structurally sound, meets current design standards, provides a safe crossing for the public, reduces flooding over IL 18, supports regional connectivity needs, and meets the needs of river traffic.

Need

- **Structural Integrity** – Condition of the superstructure and substructure
- **Design Standards** – Narrow roadway deck does not meet current standards
- **Safety Concerns** – Narrow roadway increases likelihood of crashes
- **Regional Connectivity** –
 - Essential link connecting Marshall and Putnam counties and surrounding region
 - Flooding often results in roadway and bridge closures and adverse travel time



Range of Reasonable Alternatives

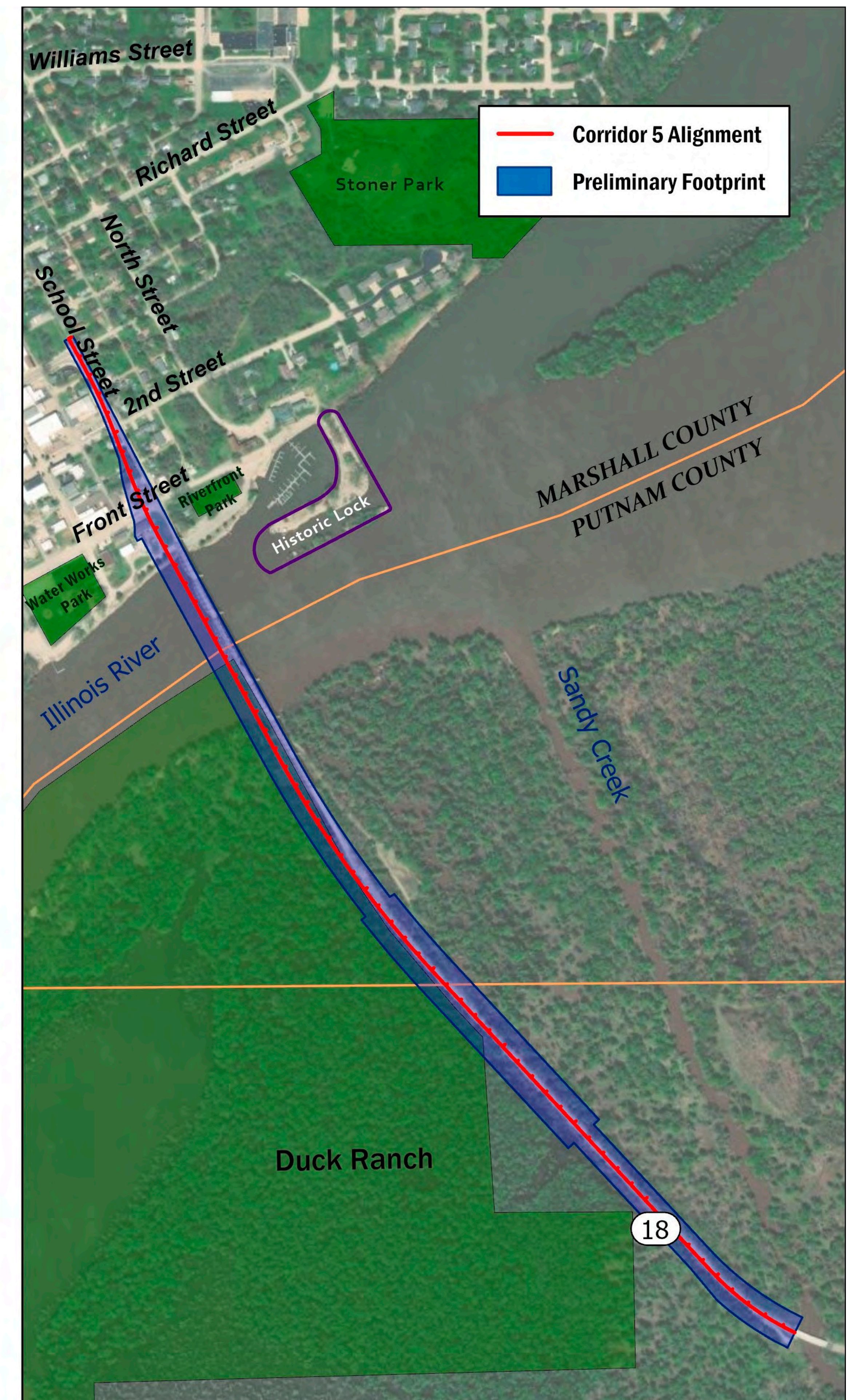
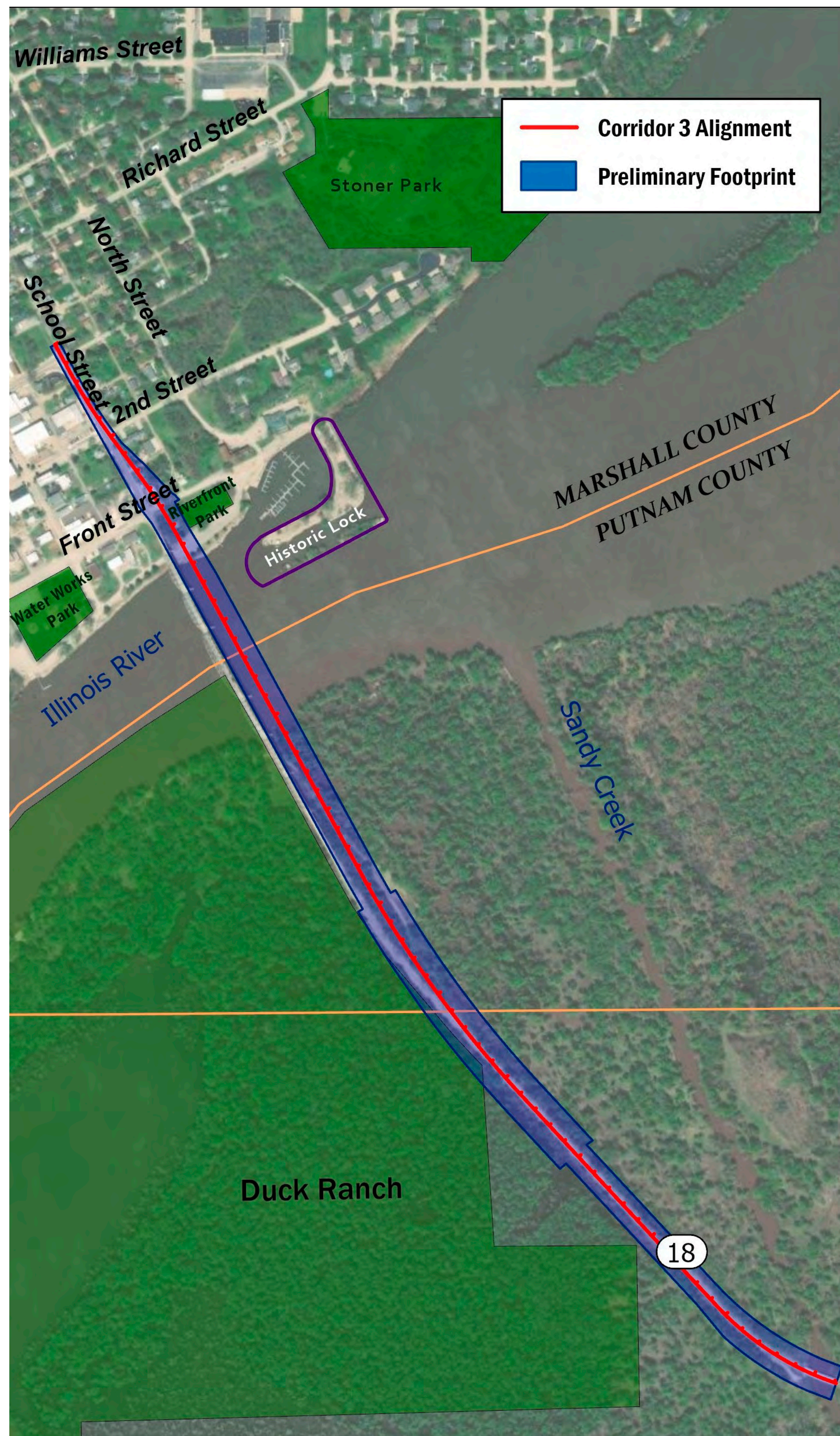
Do Nothing (No-build)	Reconstruction / Rehabilitation	Build a New Bridge and Retain the Existing Bridge	Bridge Replacement
<ul style="list-style-type: none">• No improvements other than routine and emergency repairs and maintenance• REMAINS: No-build carried forward as a baseline comparison for other alternatives	<ul style="list-style-type: none">• Replacement of the existing bridge deck• Could include work on the piers and foundation• DISMISSED: Does not meet project Purpose & Need<ul style="list-style-type: none">• Does not address the narrow lanes• Does not address zero width shoulders	<ul style="list-style-type: none">• Existing bridge would accommodate one direction of travel and new bridge would accommodate the other direction of travel• DISMISSED: Not a reasonable use of funds to use new bridge for one lane of travel while also expending resources to rehabilitate and maintain the existing bridge for the opposite direction of travel	<ul style="list-style-type: none">• Complete replacement of the existing bridge on either the existing alignment or a new alignment• New bridge meets current design standards• Roadway improvements east of the river to address roadway flooding• REMAINS: Meets Purpose & Need<ul style="list-style-type: none">• 7 potential alignment corridors initially evaluated

Bridge Replacement Alternative Alignments

Alternatives Carried Forward for Further Analysis

Corridor 3 Alignment selected as the Preferred Alternative:

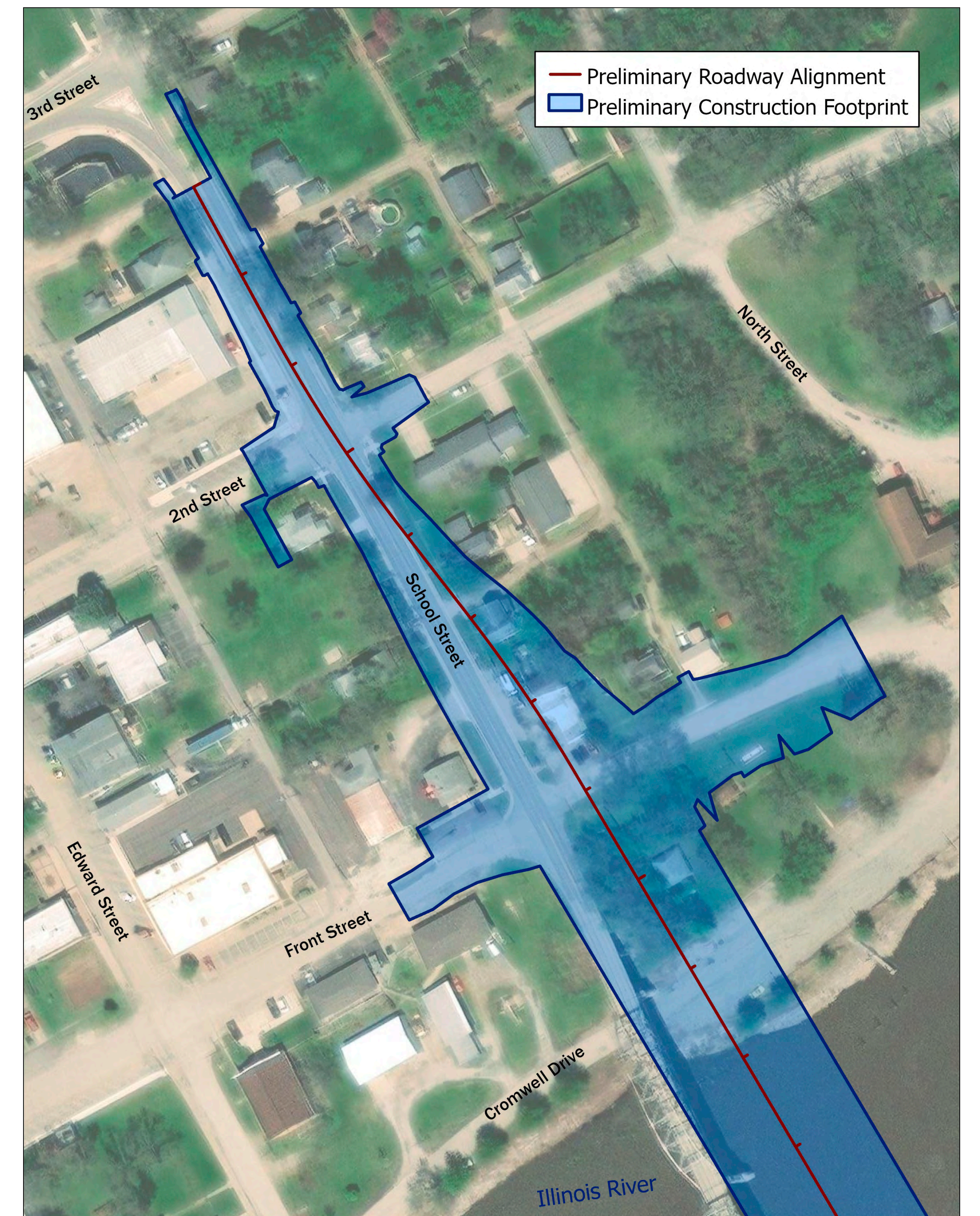
- Less impact to Duck Ranch (Section 4(f) Resource)
- Less right-of-way acquisition
- Fewer wetland impacts
- Fewer forested habitat impacts
- Preferred by the Community Advisory Group (CAG) and Illinois Department of Natural Resources



Preferred Alternative

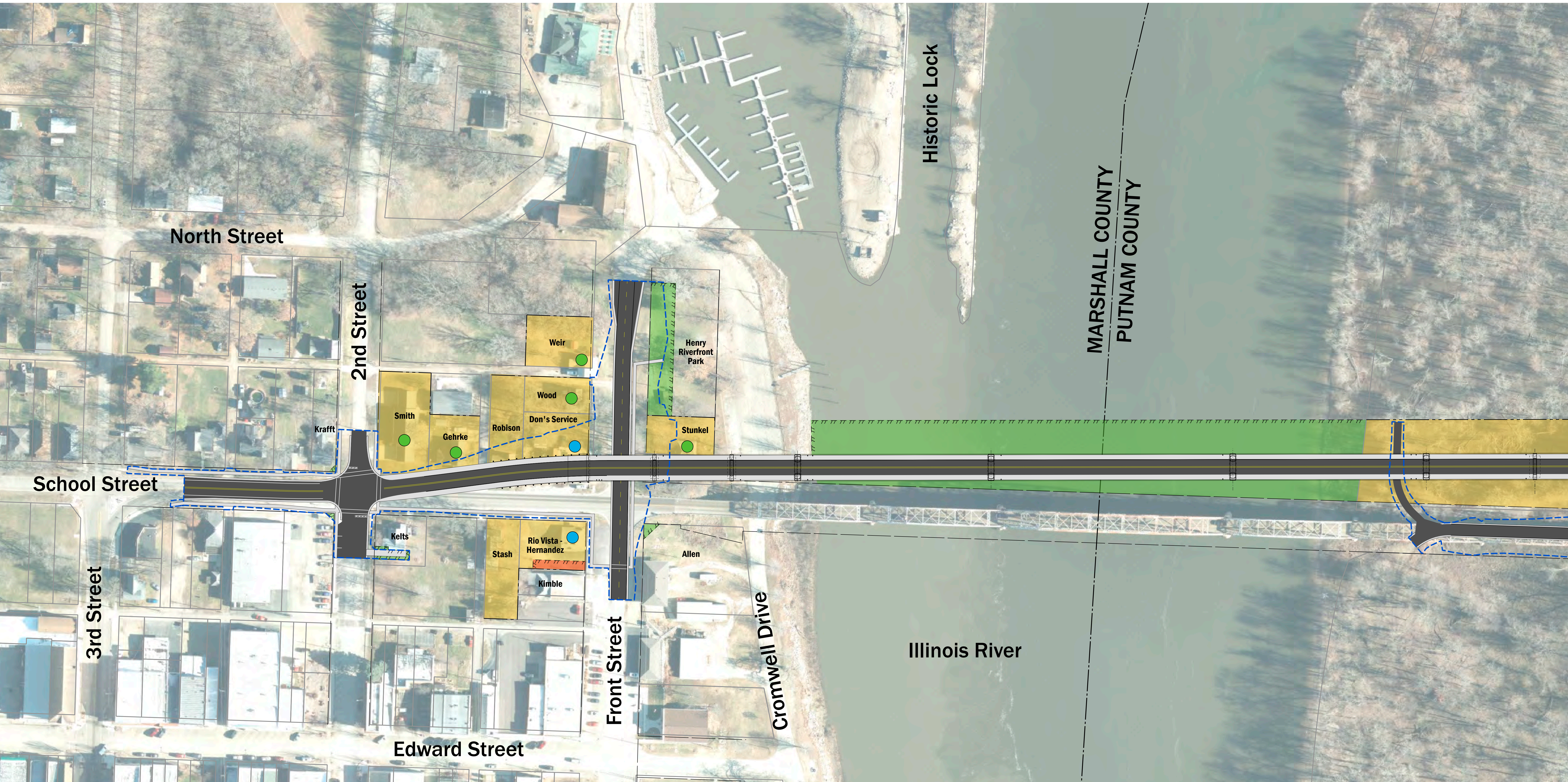
Corridor 3 Alignment

- Cromwell Drive spanned
- Front Street remains open underneath new bridge
- New IL 18 roadway ties down at 2nd Street
- Access eliminated on north and south side of new IL 18 between Front and 2nd streets



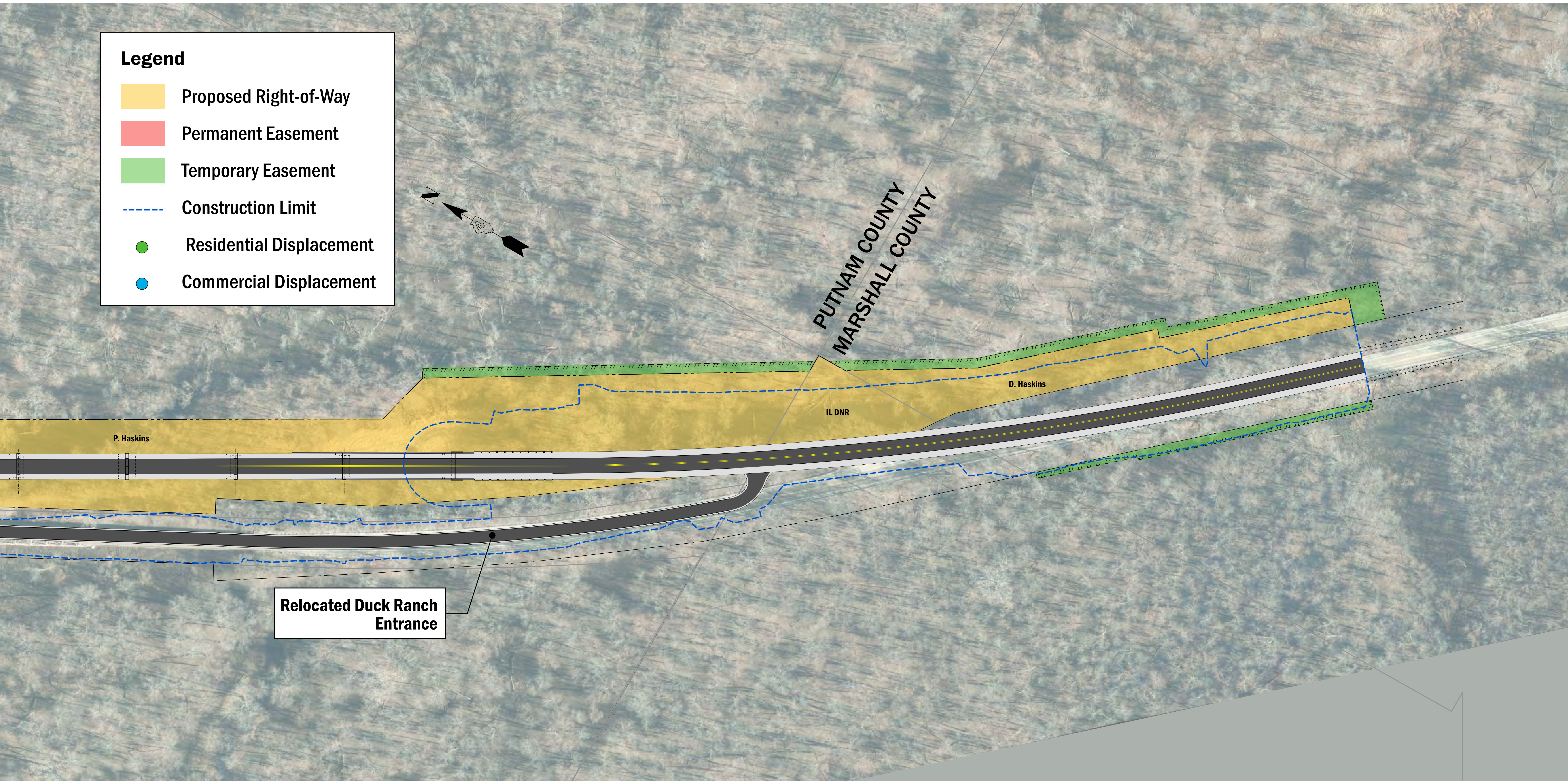
IL 18 RIVER BRIDGE PROJECT

Plan View

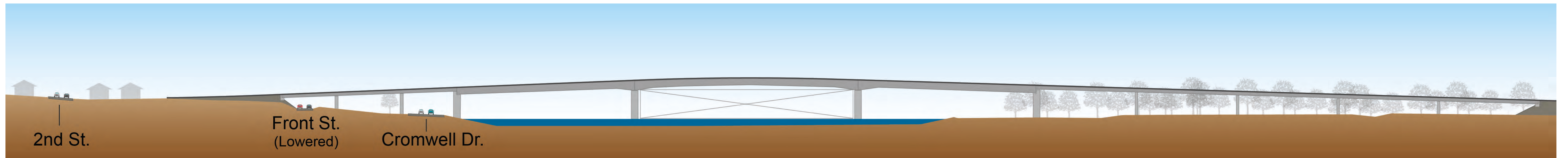


IL 18 RIVER BRIDGE PROJECT

Plan View



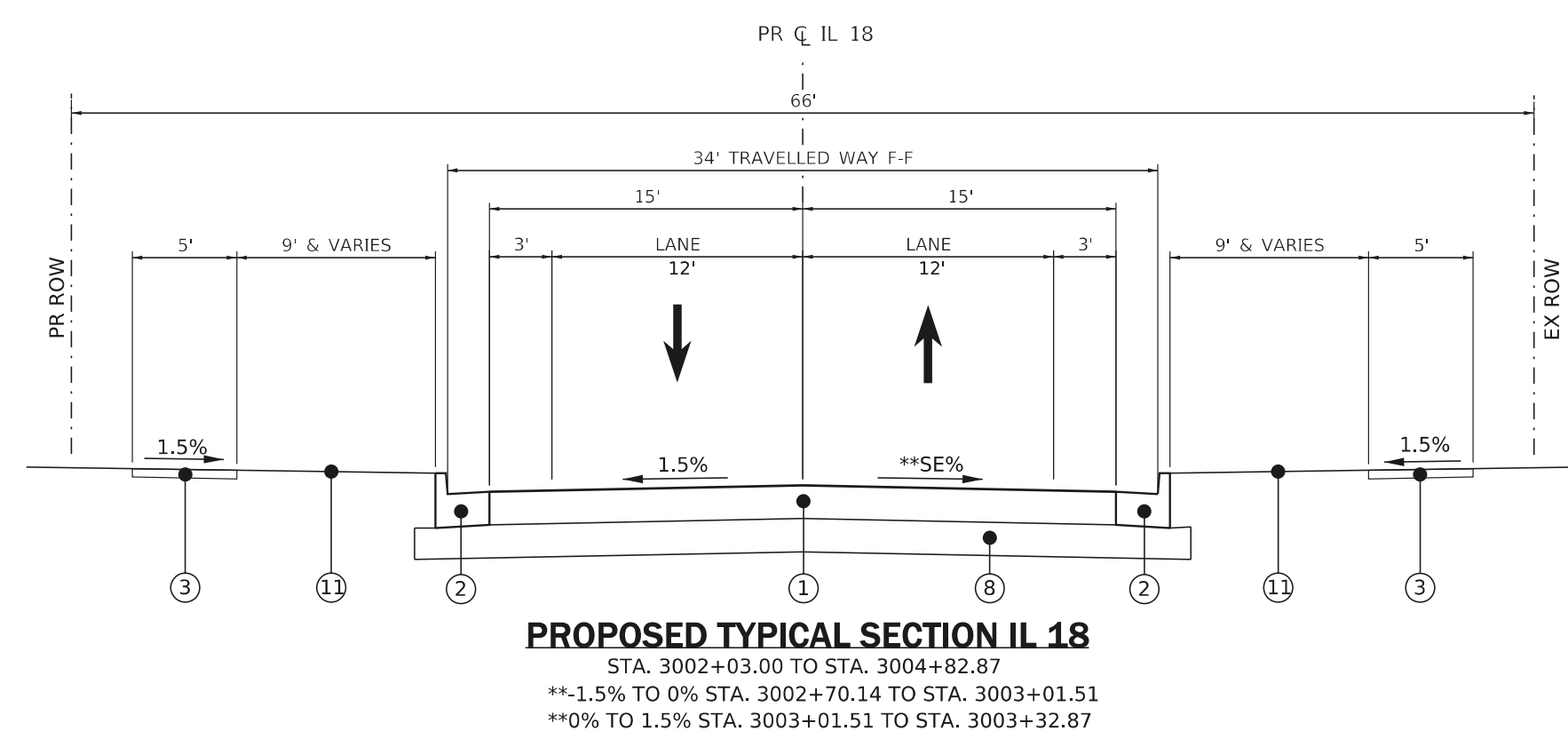
Profile View



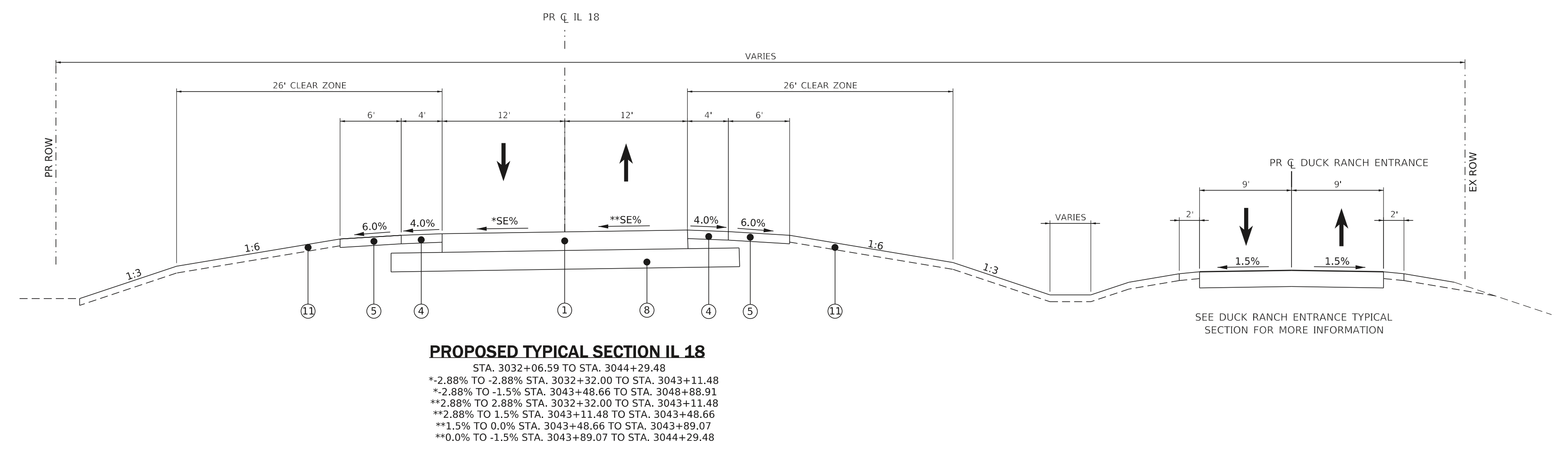
- Profile ties into School Street at 2nd Street
- 3% approach grades east of the bridge
- 4% approach grades west of the bridge
- Highest point of new bridge will be 5 to 6 feet higher than existing bridge
- Bridge spans Cromwell Drive and Front Street

IL 18 RIVER BRIDGE PROJECT

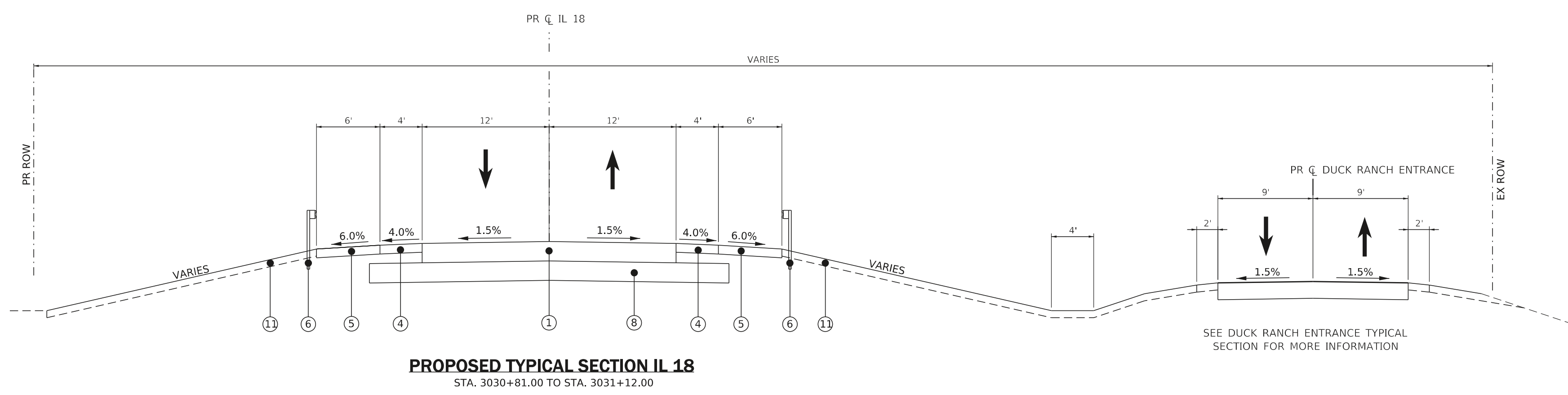
Proposed Typical Sections



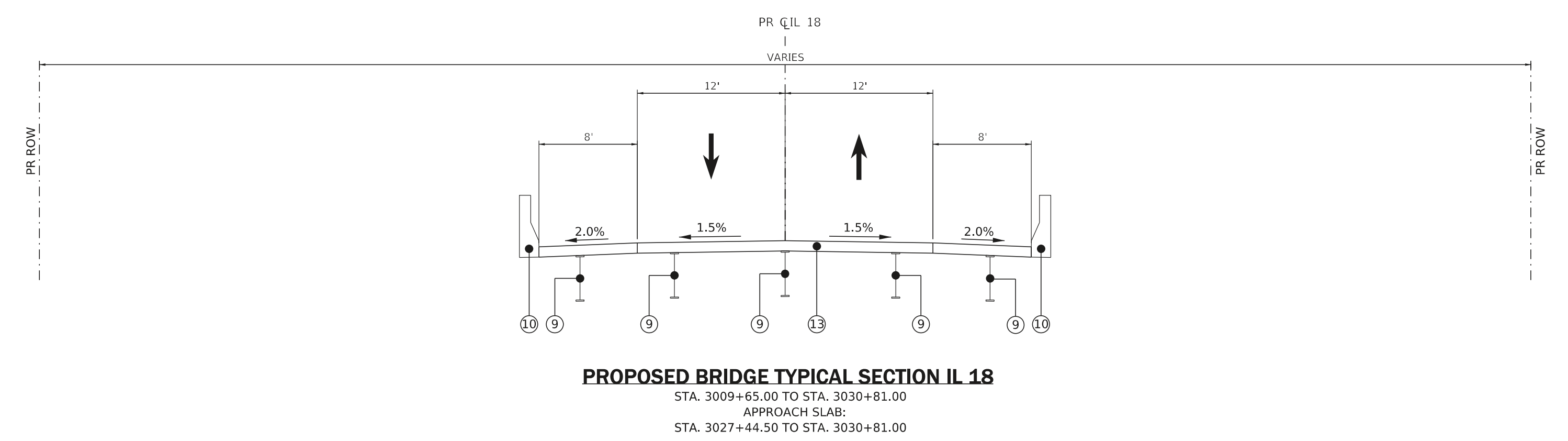
West of River Bridge in City of Henry



IL-18 East Project Limits



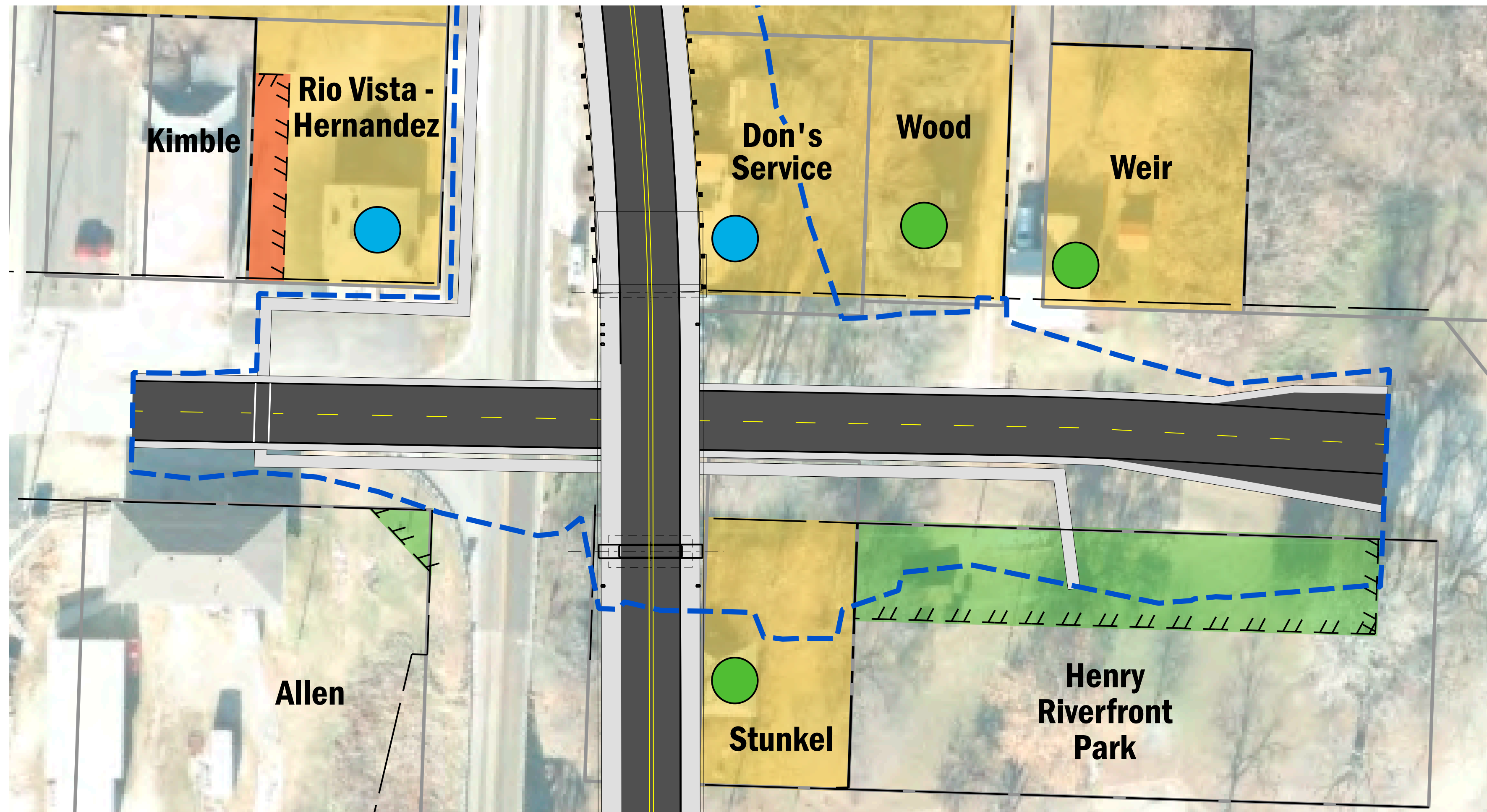
Directly East of River Bridge



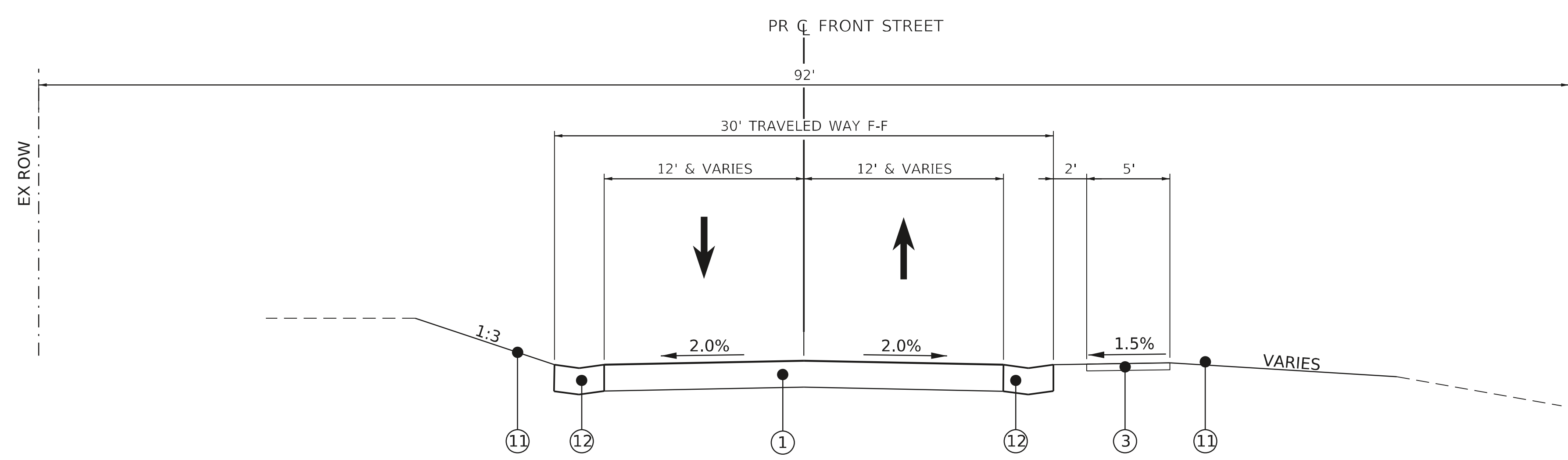
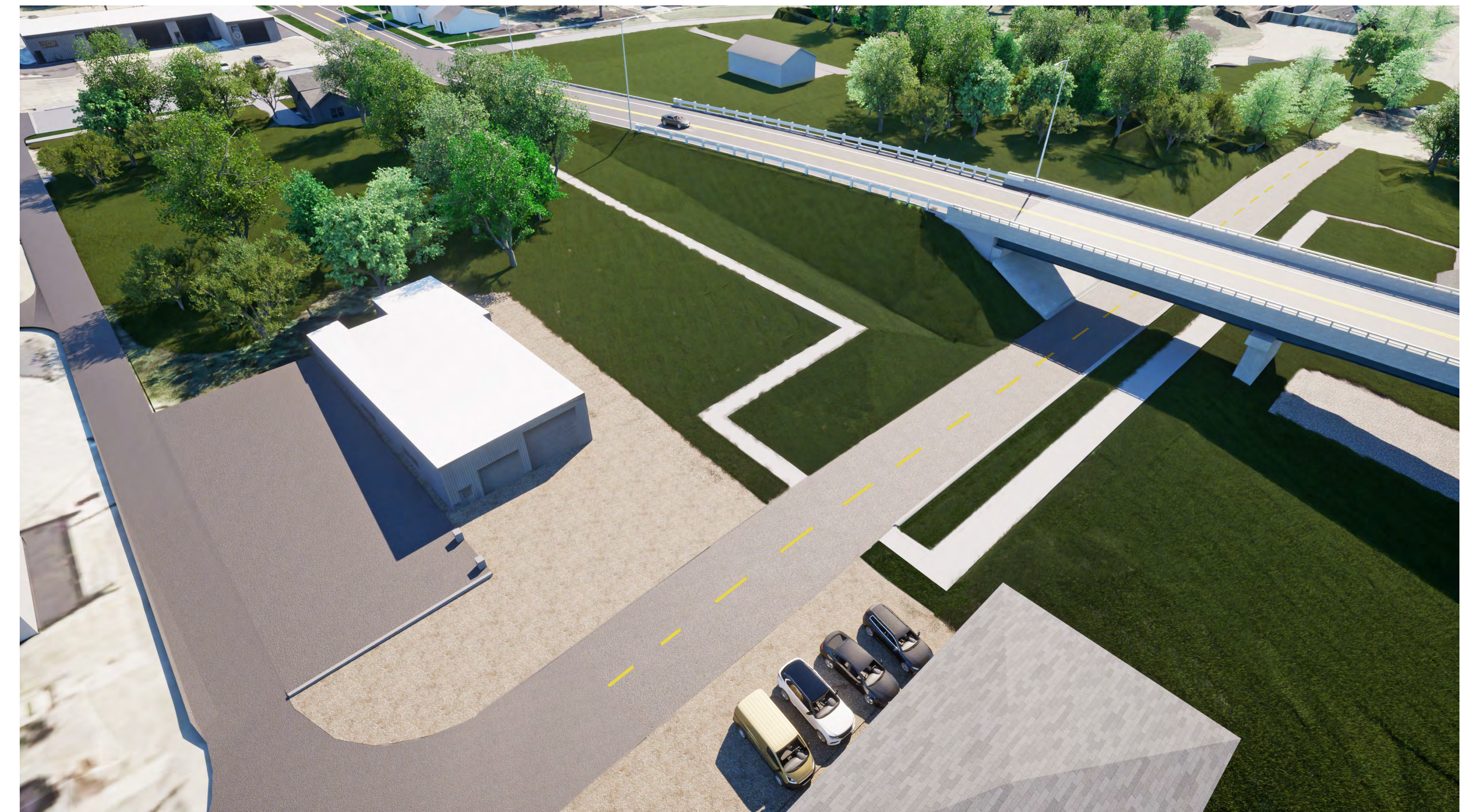
River Bridge Section

IL 18 RIVER BRIDGE PROJECT

Front Street Mitigation

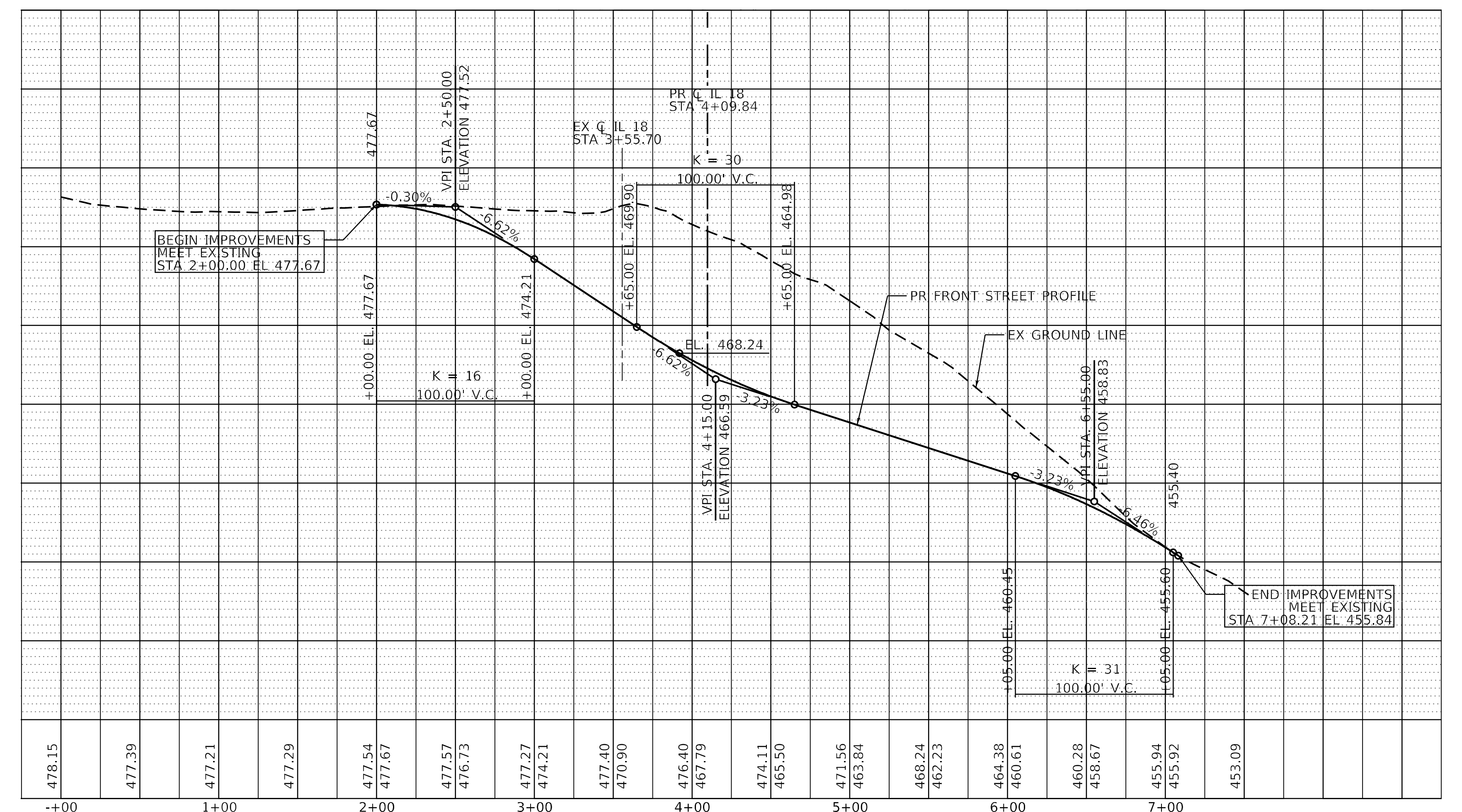


Plan View



PROPOSED TYPICAL SECTION FRONT STREET
STA. 2+00.00 TO STA. 7+08.21

Typical Section



IL 18 RIVER BRIDGE PROJECT

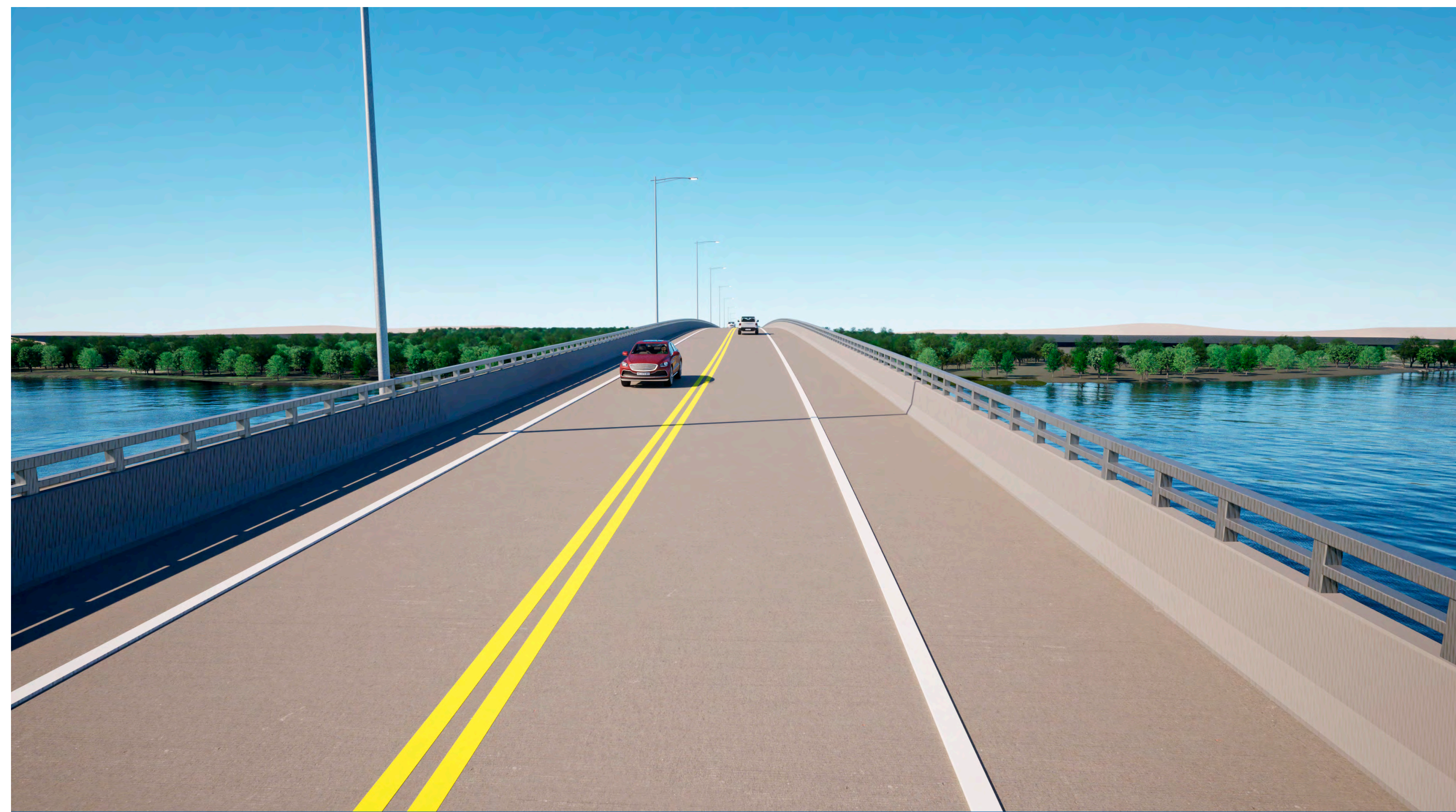
3D Views



View of new IL 18 from 3rd Street looking toward the Illinois River.



The new bridge will span Cromwell Drive and Front Street.



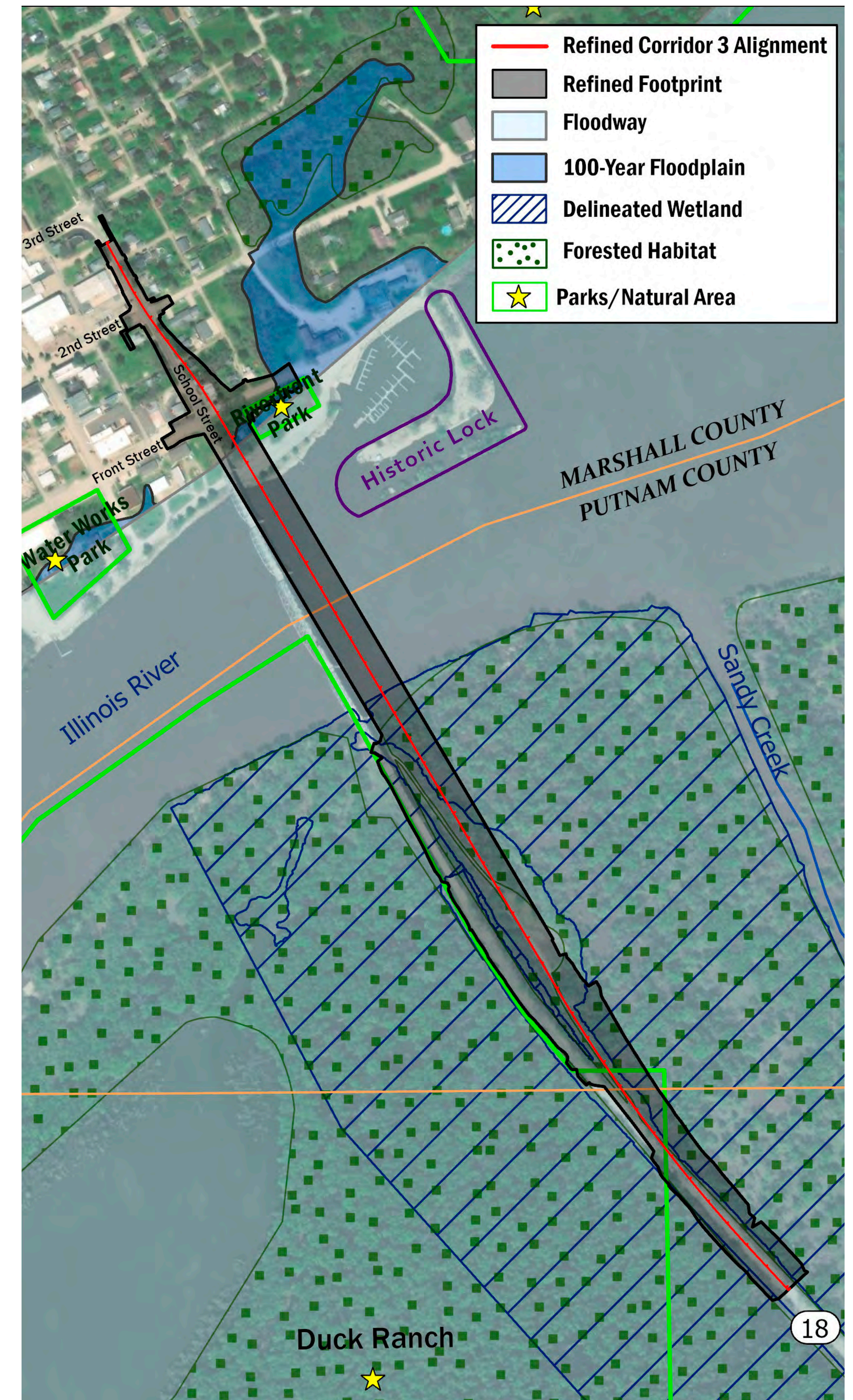
The new bridge will consist of one 12-foot wide travel lane in each direction with 8-foot wide shoulders.



A new entrance for Duck Ranch will be provided on the south side of IL 18.

Preferred Alternative Impacts

Screening Criteria	Refined Corridor 3 Alignment
Purpose and Need	
Structural Integrity	Yes
Design Standards	Yes
Safety	Yes
Regional Connectivity	Yes
Community Issues of Importance	
Maintains traffic through downtown Henry	Yes
Existing bridge can remain open during construction	Yes
Maintains existing intersections	1 intersection eliminated
Maintains access to existing residences and businesses	Access along Front St. and School St. affected
Maintains access to riverfront and recreational use	Yes
Preserves historic features of the city	Yes
Environmental Impacts	
Right-of-way	9.0 acres
Temporary Easement	3.1 acres
Residential Displacements	5
Commercial Displacements	2
Historic Section 106/4(f) Resources	1 (IL 18 Bridge)
Recreational Section 4(f) Resources	Duck Ranch - 3.4 acres Duck Ranch easement, 0.6 acres property acquisition Riverfront Park - Temporary grading
Floodway	7.2 acres
Floodplain	0.3 acres
Wetlands	3.0 acres
Forested Habitat	6.4 acres
Special Waste Sites	8
Farmland	0 acres
Water Supply Wells	0
Environmental Justice Communities	0
Section 6(f)/OSLAD	0
Threatened/Endangered Species	0



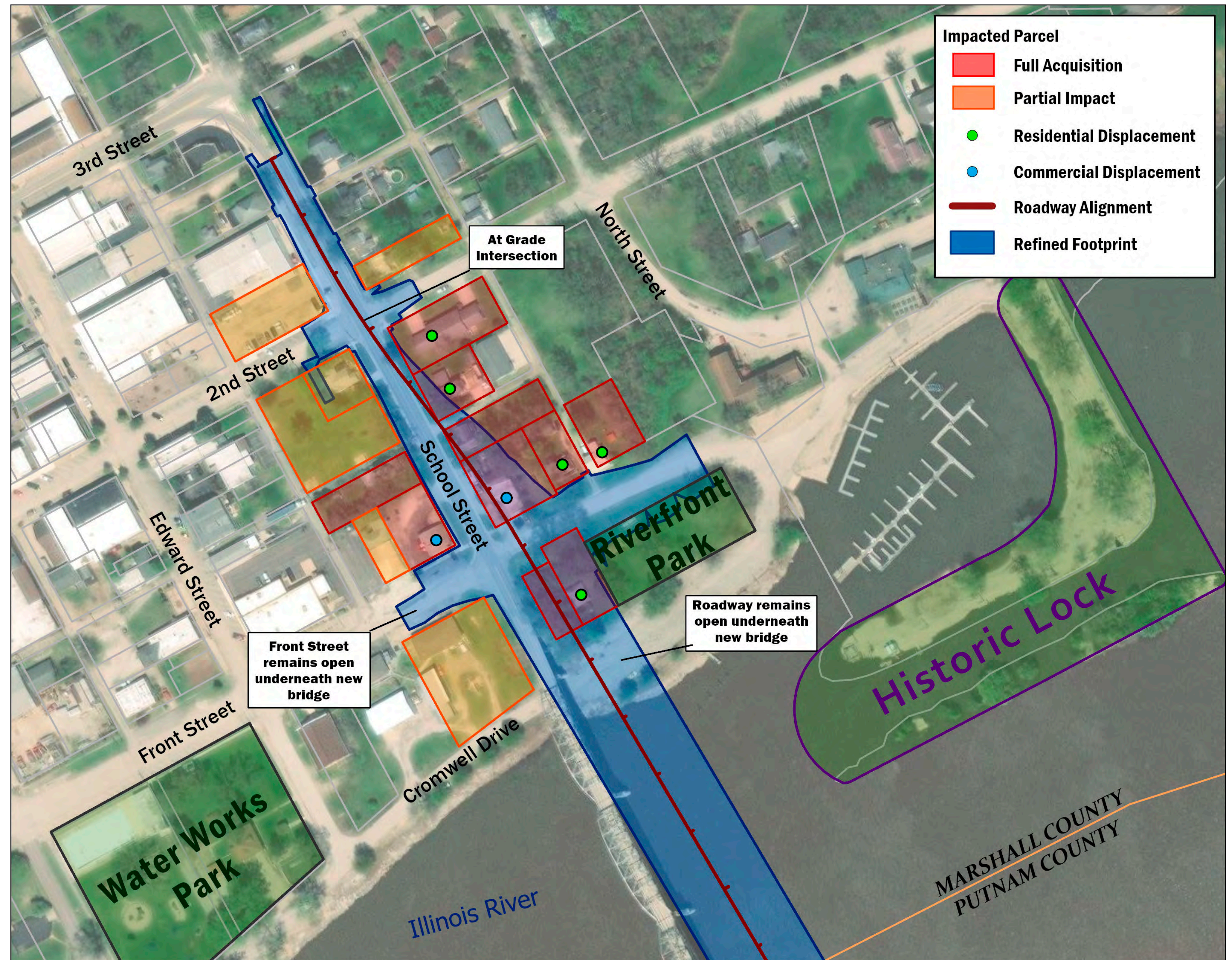
Residential and Commercial Displacements

16 Parcels Affected

Five Residential Displacements

- 4 single family
- 1 multi-family

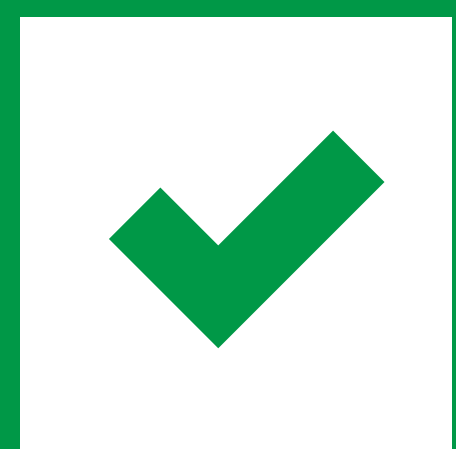
Two Commercial Displacements



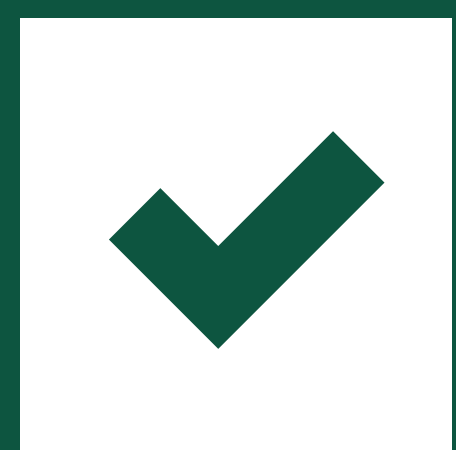
Land Acquisition



Phase I Study will identify project location, construction limits, and right-of-way needs



Land acquisition cannot begin until Phase I study is approved



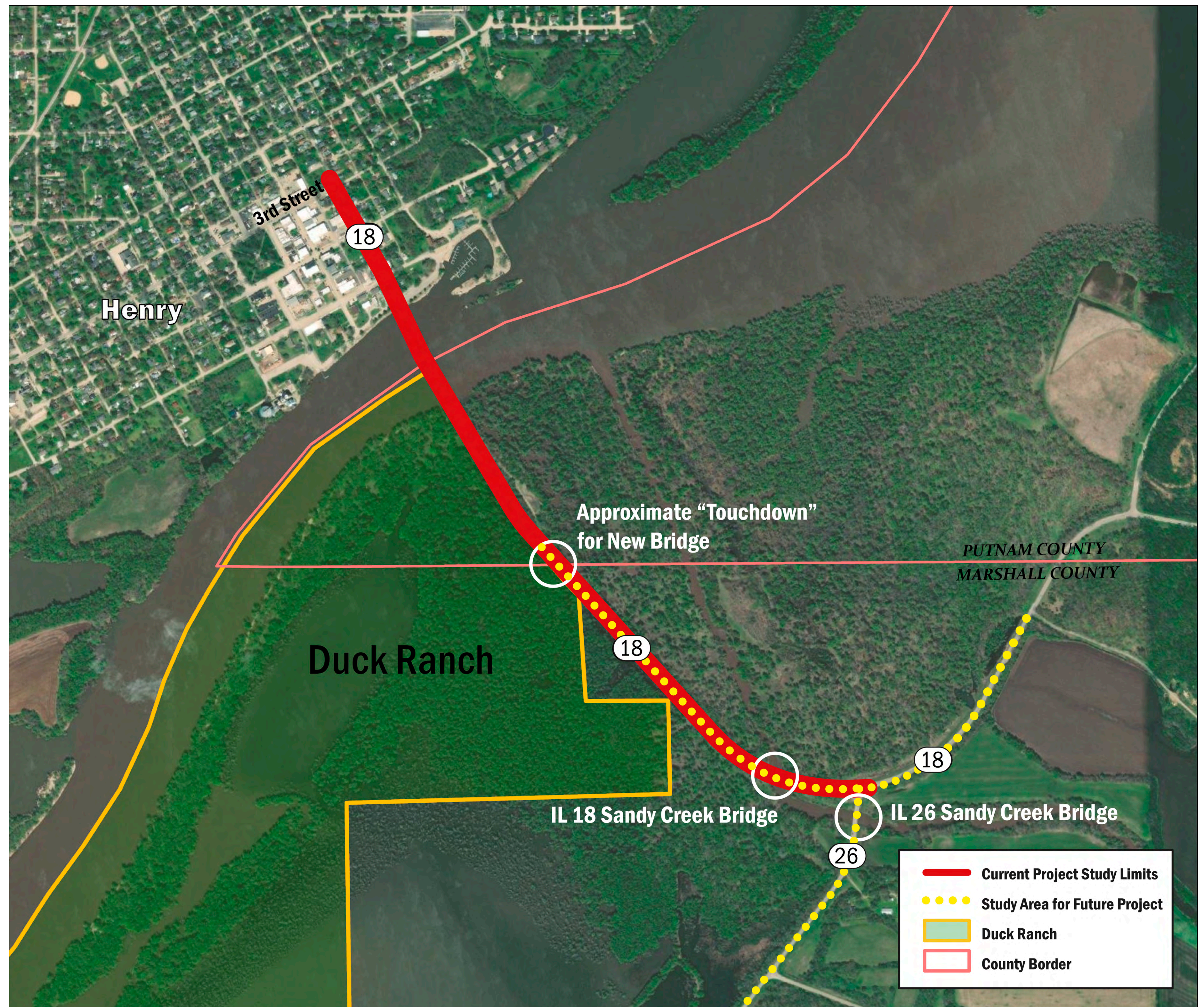
Land acquisition follows federal and state regulations and offers are based on Fair Market Value

East Side Profile/Flooding

- Study of the east profile showed only a minor reduction in flooding can be realized along IL 18 east of the new river bridge until the IL 18 and IL 26 bridges over Sandy Creek are raised.
 - The two Sandy Creek bridges will need to be raised 5-7 feet.
 - The IL 18/IL 26 intersection plus ~ 5,000 feet of approach roadway (E and S legs) will also need to be raised.
 - IDOT is planning a separate study for the entire system within the floodplain east of the new river bridge.
 - Adding this to the current IL 18 River Bridge project could add over 2 years to the planning process.
 - Neither IDOT nor the public would favor the delay of the IL 18 River Bridge replacement project.
-

East Side Profile/Flooding

- The IL 18 River Bridge replacement project is currently funded in the MYP (construction).
- The planning and engineering phases to study raising the two Sandy Creek bridges is currently funded. The construction phase is not.
- The new bridge is being designed to accommodate the raising of IL 18 in the future.



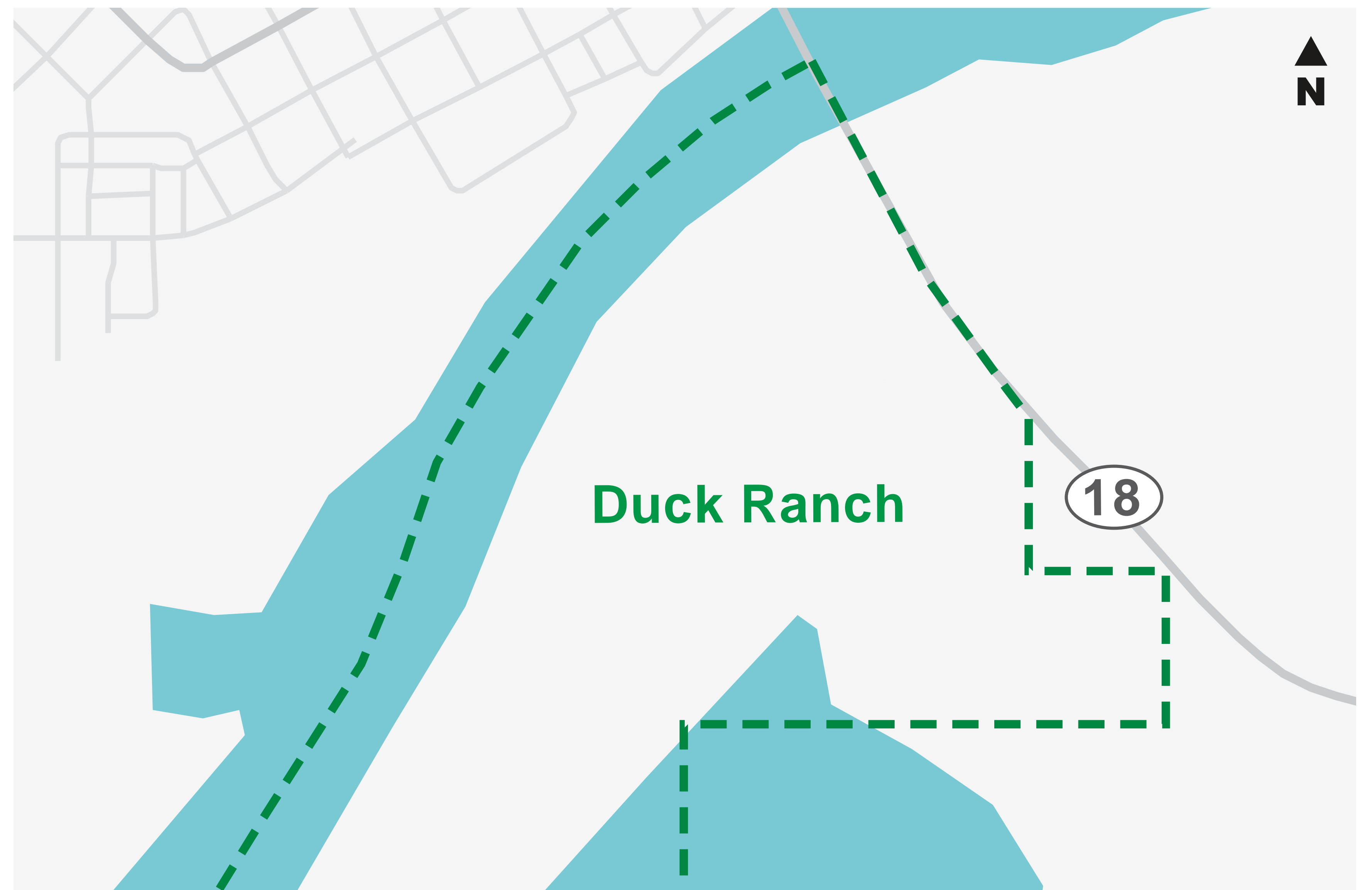
Section 106 and Section 4(f)

Section 106 of the National Historic Preservation Act

- Consider the effects of federally funded projects on historic properties
- Identify historic properties, assess the effects and explore alternatives to avoid, minimize, or mitigate adverse effects

Section 4(f) Properties

- Publicly-owned public parks, recreational areas of national, state, or local significance, wildlife or waterfowl refuges; or lands from a historic site of national, state, or local significance
- Determine that there is no feasible and prudent alternative to avoid the Section 4(f) properties
- Includes all possible planning to minimize harm to the Section 4(f) properties



Example: Duck Ranch owned by the Illinois Department of Natural Resources is a Section 4(f) property

Section 106 and Section 4(f)

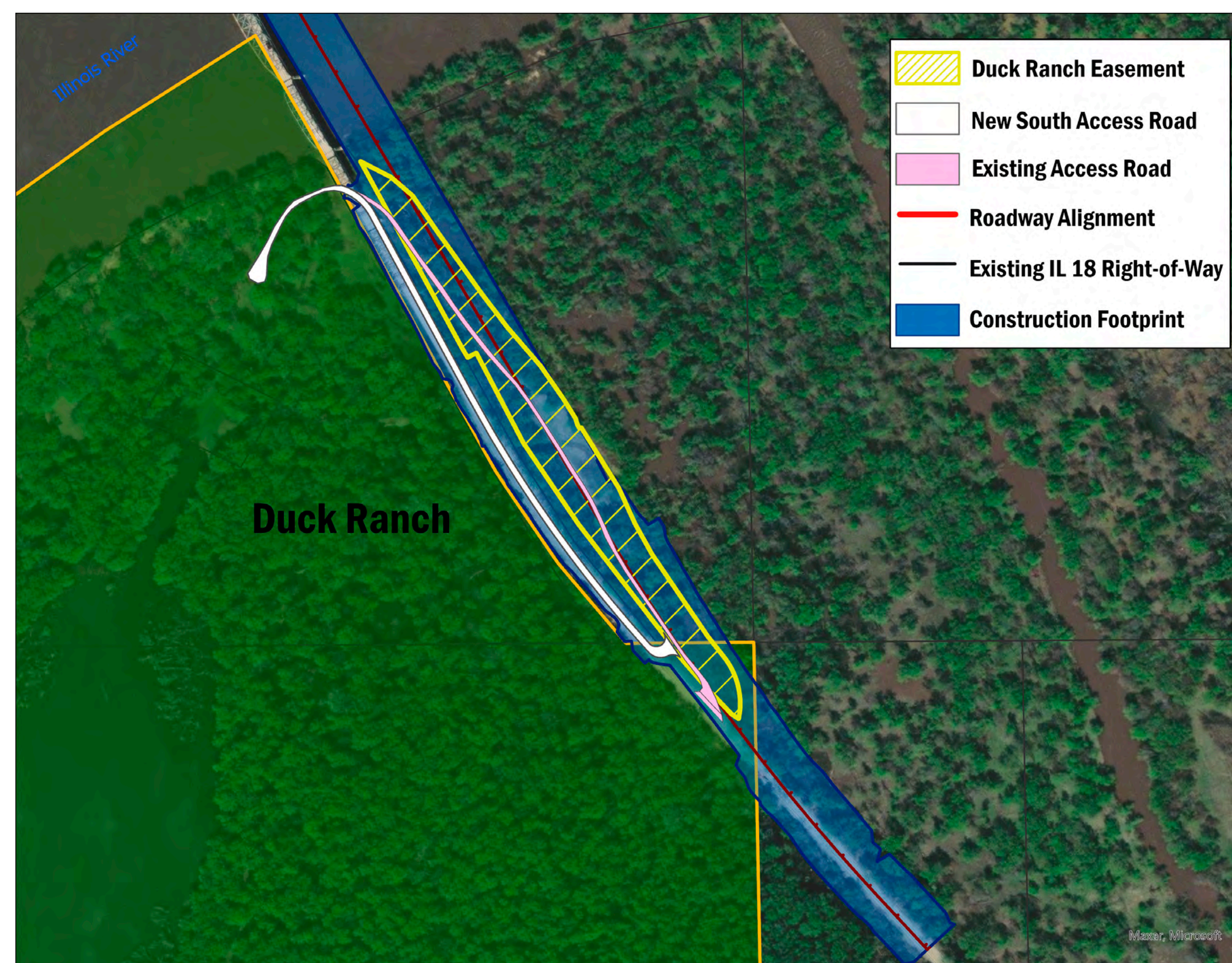
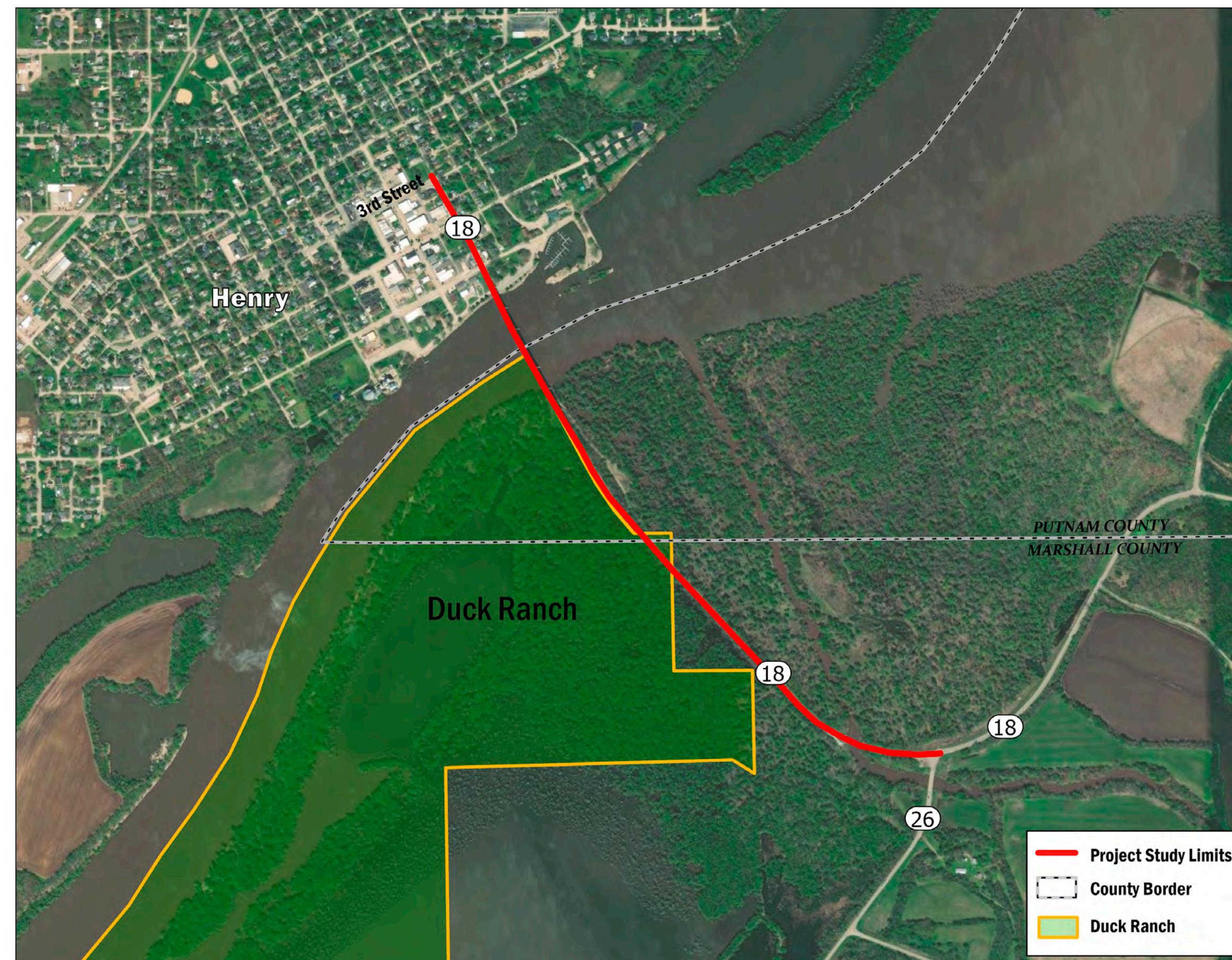
Existing IL 18 River Bridge

- IL 18 River Bridge is eligible for listing on the National Register of Historic Places (NRHP).
- Bridge is protected under Section 106 of the National Historic Preservation Act of 1966 and Section 4(f) of the Department of Transportation Act of 1966.
- It has been determined that the bridge needs to be removed and demolition of the bridge is expected to be considered an Adverse Effect under Section 106 and will constitute a “use” under Section 4(f).
- Mitigation measures will be developed through consultation with IDOT, FHWA, and the State Historic Preservation Office. A Memorandum of Agreement (MOA) will be executed by these parties to stipulate measures to mitigate the project’s adverse effect on the historic structure.



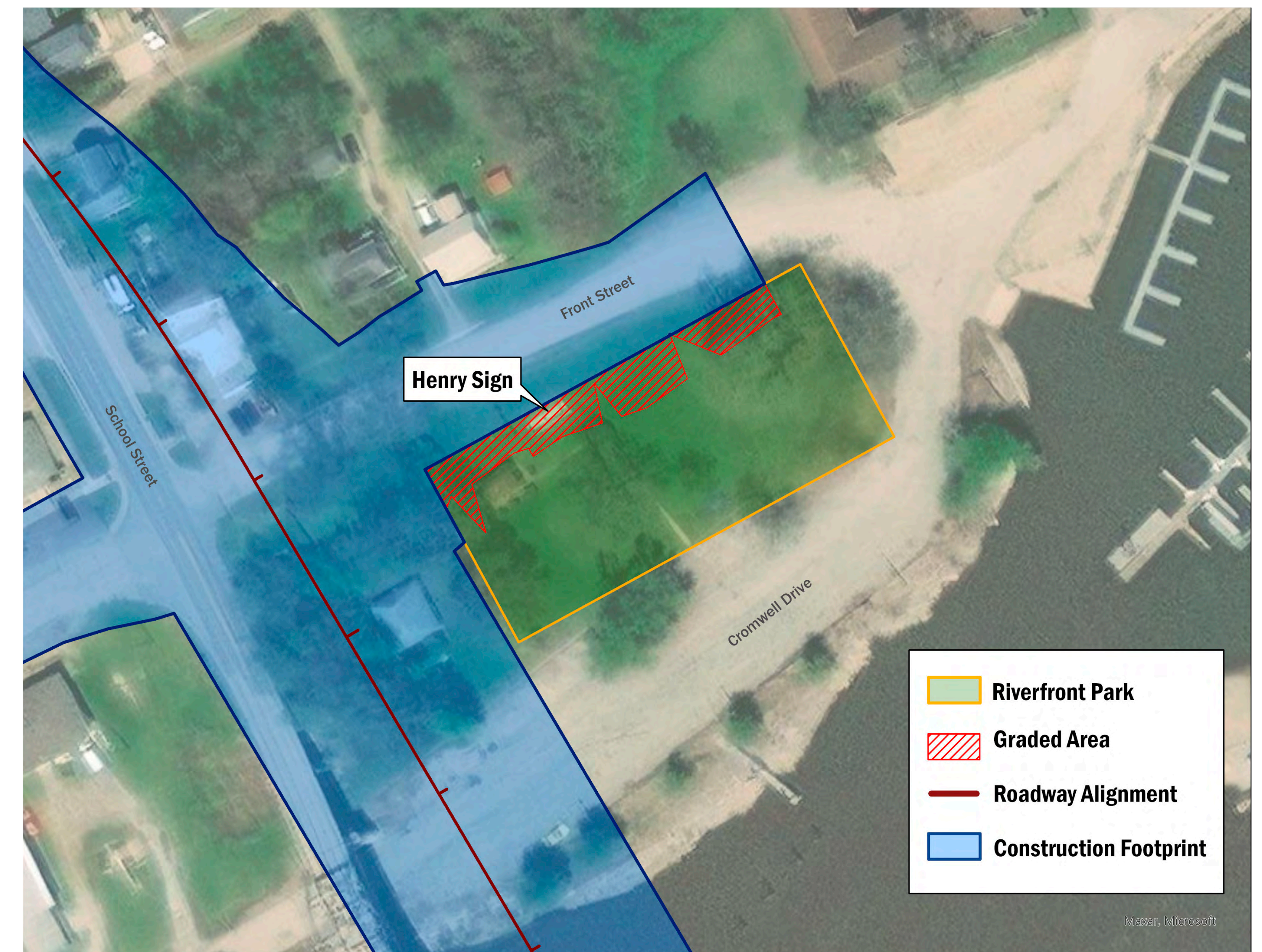
Section 4(f) Duck Ranch

- Duck Ranch is part of the Illinois Department of Natural Resources (IDNR) State Fish and Wildlife Area and is protected under Section 4(f).
- Access to Duck ranch is provided off IL 18 through an easement on private property. Modifications to the access will be required. IDOT has coordinated with IDNR on the new location of the access road. It is anticipated these impacts will be considered de minimis in terms of Section 4(f).



Section 4(f) Riverfront Park

- Riverfront Park is an approximately 0.6-acre park owned by the City of Henry and is protected under Section 4(f).
- A narrow strip of the park along Front Street will be graded. This is not required to lower Front Street but has been identified as a potential benefit to improve views to the riverfront.
- The regrading will result in a temporary impact at the park. It is anticipated these impacts will be considered de minimis in terms of Section 4(f).



Public Involvement Activities

- **Stakeholder Meetings** – One-on-one meetings with stakeholders
- **Context Audit** – Survey to identify characteristics that define the project
- **Community Advisory Group** – Small group of local stakeholders established to gain community input and encourage involvement in the project's decision-making process
- **Aesthetic Focus Group (AFG)** – Small group of local stakeholders established with the goal to provide aesthetic recommendations
- **Public Meetings** – Large meetings open to the public to gather input and to provide updates on the project (2 meetings)
- **Public Hearing** – Large meeting open to the public to present the environmental document and the preferred alternative and to receive comments (1 meeting)
- **Project Website** – www.IL18RiverBridgeProject.com



Opportunities for Participation



Public Hearing – February 28, 2024

- Comments received through March 27th become part of the public meeting record



IL18RiverBridgeProject.com

- Public comment
- Study news, reports, and information
- Subscribe for updates

Thank You for Your Participation!



What's Next?

