

US BUSINESS ROUTE 20

*From Shaw Road to State Street/North Appleton Road
Intersection in Belvidere*
Public Hearing | October 25, 2023

Thank you for joining us! The hearing will begin at 5pm

This hearing will be recorded and
available on the project website
after tonight.



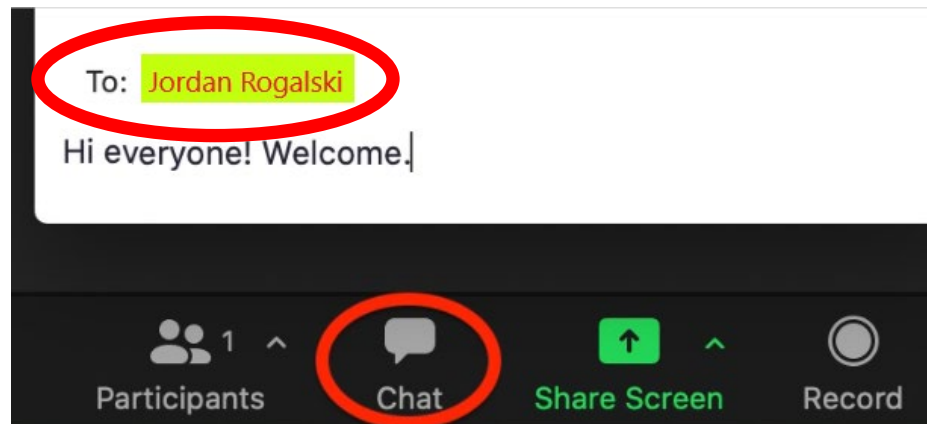
Illinois Department
of Transportation

Virtual Hearing Format

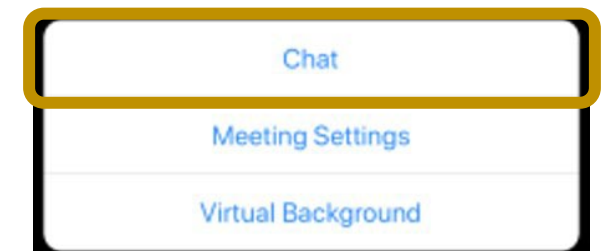


We Value Your Feedback!

Click the Chat icon at the bottom of the screen to provide your feedback and submit questions.



Computer view



Mobile view

*This hearing is
being recorded*



Presenters



Elli Cosky
Public Involvement
Coordinator



Michael Kuehn
IDOT Studies &
Plans Engineer



Amber Petkevicius
Hanson Project
Engineer



Jeff Bushur
Hanson Environmental
Lead



Agenda

- 1) Purpose of Public Hearing
- 2) History of the Study
- 3) Proposed Improvements
- 4) Anticipated Project Impacts
- 5) Next Steps
- 6) Live Q&A



Purpose of Public Hearing



Purpose of Today's Public Hearing

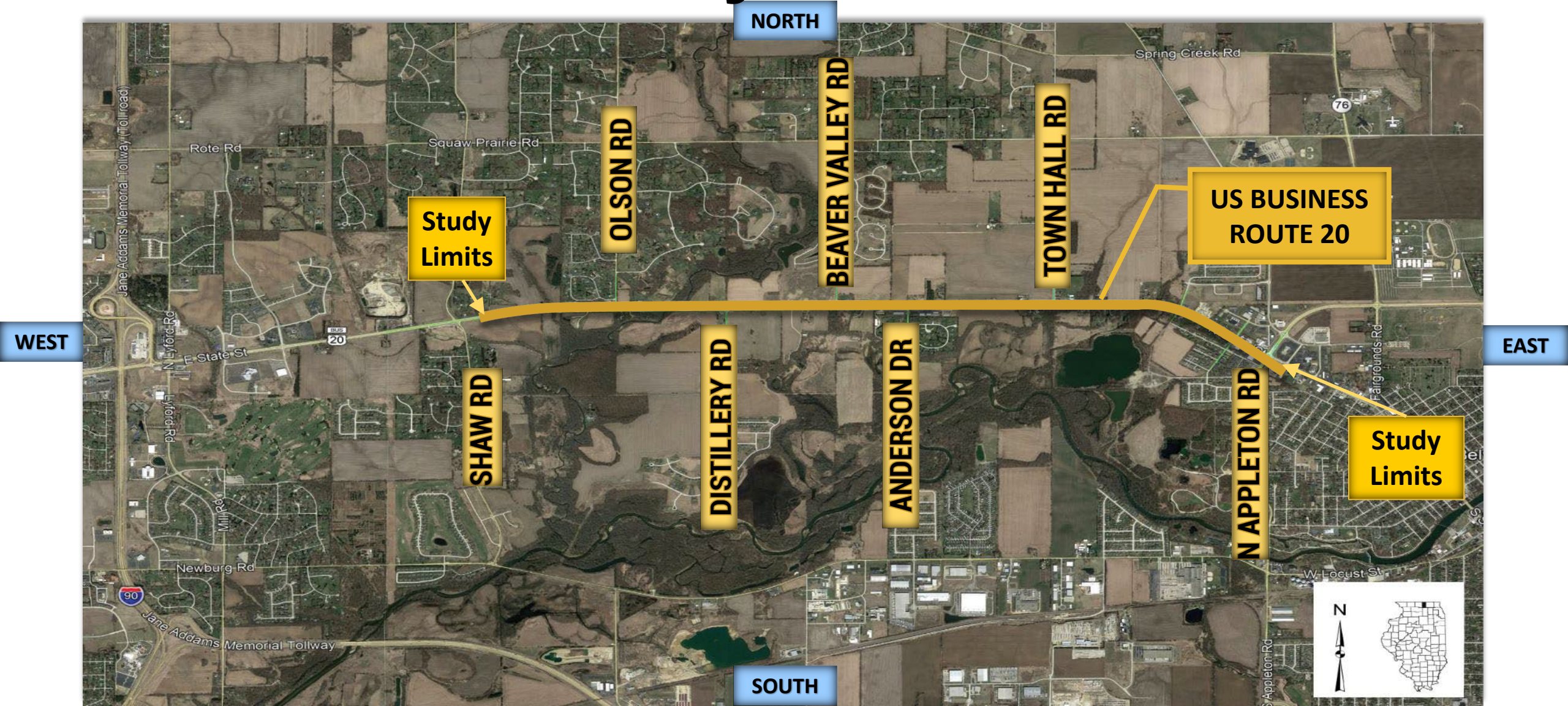
- Present the Proposed Improvements
- Present the Project Impacts
 - Anticipated Proposed Right-of-Way (ROW) Needs
 - Environmental Impacts – In Draft Stage
- Provide Another Opportunity for Public Comment
 - New format added



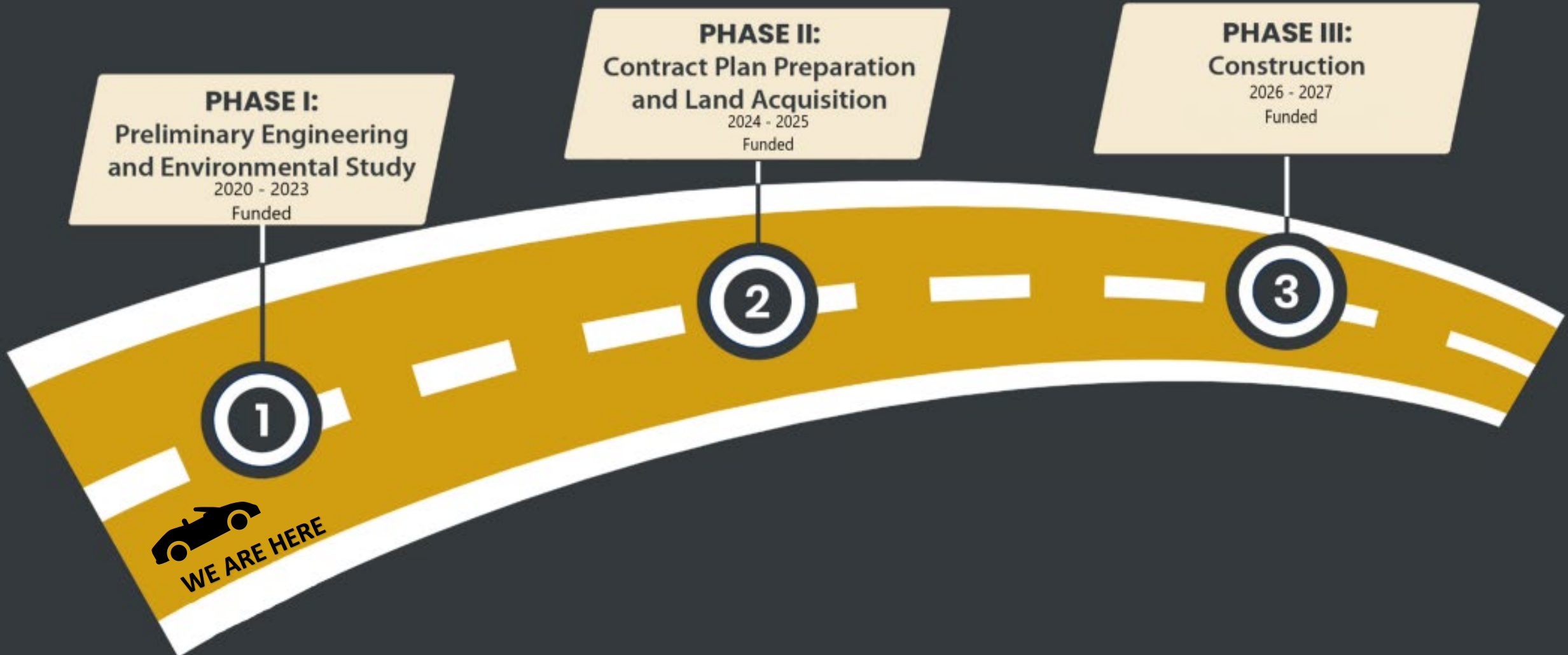
History of The Study



Study Limits



Recap of the Study



IDOT Phases - Phase I

Data Collection

- 1986 Findings
- Infrastructure age and condition
- Traffic Volumes
- Crash history collection
- Environmental Conditions
- Noise Analysis
- Existing/Proposed Drainage

Identify Transportation Needs for All Users

- Vehicles, Pedestrians, and Bicyclists
- Complete Street Requirements

Conceptual Design

Stakeholder Input

- Public Meetings (x2)
- Additional Public Outreach

Refinements to Conceptual Design based on feedback

Stakeholder Input Again

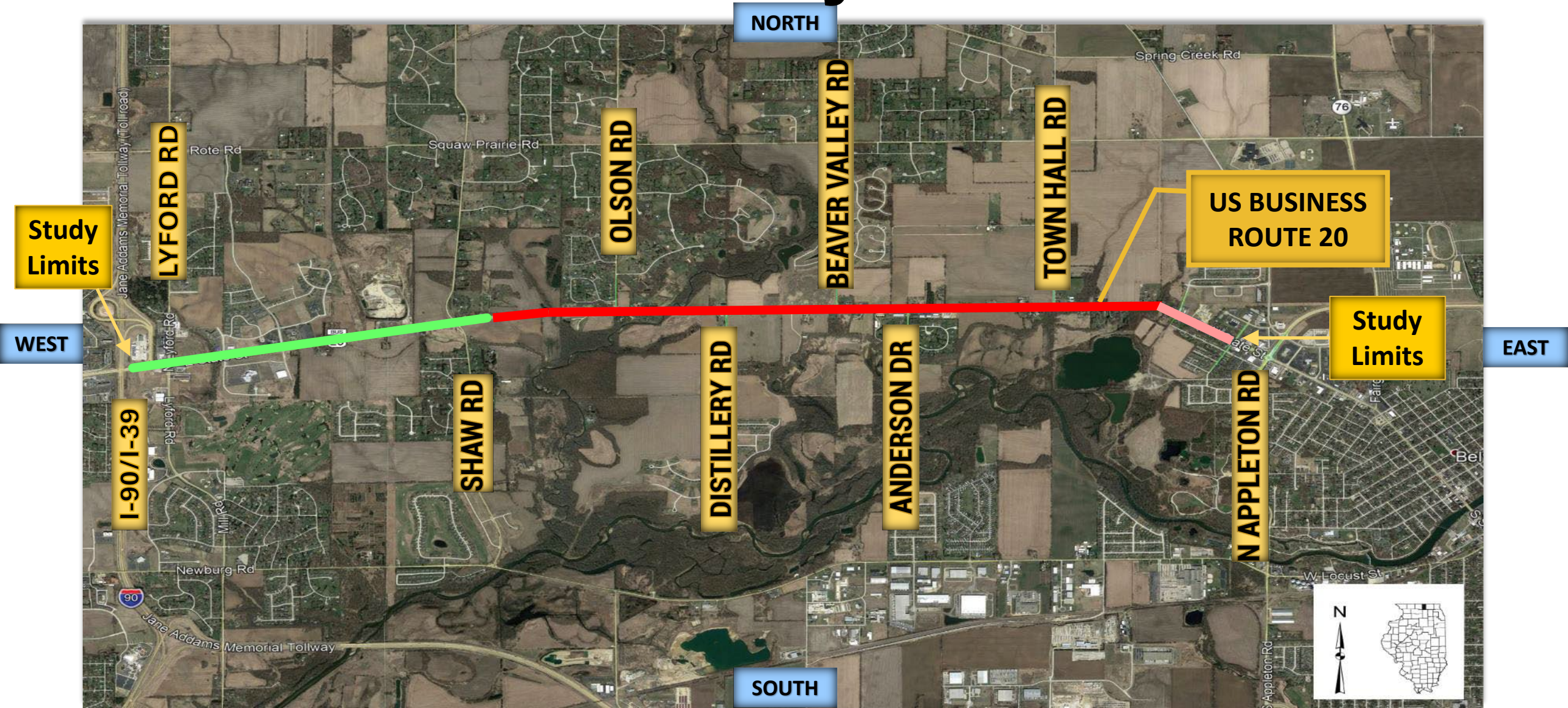
- Public Hearing

Finalizing Scope of Improvements

**WE ARE
HERE**



1986 Study Limits



Original Environmental Assessment (EA) & FONSI

- EA document prepared in mid-1980s
- Finding of No Significant Impact (FONSI) issued in 1986
- Covered all three road segments
- EA content:
 - Purpose and Need for Action
 - Affected Environment
 - Alternatives including Proposed Action
 - Environmental Consequences
 - Comments and Coordination

FHWA-IL-EA 09-86

Administrative Action
Finding of No Significant Impact

Submitted Pursuant to 42 U.S.C. 4332(2) (c)

by

U.S. Department of Transportation
Federal Highway Administration
and
Illinois Department of Transportation

U.S. BUSINESS ROUTE 20 (F.A.P. 517)
LYFORD ROAD, ROCKFORD TO
HIGH LINE STREET, BELVIDERE
WINNEBAGO AND BOONE COUNTIES, ILLINOIS

Cooperating Agencies

U.S. Army Corps of Engineers

August 21, 1986
Date


[Signature]
For FHWA

The following persons may be contacted for information on this document:

Mr. Jay W. Miller Division Administrator Federal Highway Administration 320 West Washington Street Springfield, Illinois 62701 Phone: 217-492-4600	William D. Ost District Engineer, District 2 Illinois Department of Transportation 819 Depot Avenue Dixon, Illinois 61021 Phone: 815-284-2271
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The proposed project will provide for improving the existing two-lane roadway to a four-lane facility, along the existing corridor, in three phases. Phase I consists of constructing four lanes from Lyford Road to a point approximately 0.4 mile east of Shaw Road (1.8 miles); from there the existing roadway will be reconditioned and resurfaced into Belvidere. Phase II consists of constructing four lanes from Town Hall Road to High Line Street (0.9 mile). Phase III consists of the four-lane construction of that length of the project between Phase I and II (2.5 miles). One structure, over Beaver Creek, will be built in conjunction with Phase III of the proposed project.

The FHWA has determined that this project will not have any significant impact on the human environment. This Finding of No Significant Impact (FONSI) is based on the attached environmental assessment which has been independently evaluated by the FHWA and determined to adequately and accurately discuss the environmental issues and impacts of the proposed action. It provides sufficient evidence and analysis for determining that an environmental impact statement is not required. The FHWA takes full responsibility for the accuracy, scope and content of the attached environmental assessment.



Original EA Findings

- 1 residential displacement
- 37 acres permanent ROW
 - 30 ac. farmland, 2.5 ac. residential, 4.5 ac. commercial
- Cultural resources
 - Several potential historic structures but no impacts
 - Commitment to investigate potential archaeological sites in Design
- Section 4(f) (public parks) – BCCD property present but no impact
- Wetlands – none present but based on NWI mapping
- Streams – bridge replacement at Beaver Creek
- Floodplain – Beaver Creek crossing
- Biological – tree removal; bald eagle and Indiana bat mentioned but no impacts



Original EA Findings (cont.)

➤ Noise

- Study concluded overall reduced noise due to lower traffic speeds
- Three noise impacts; barriers considered but not cost effective

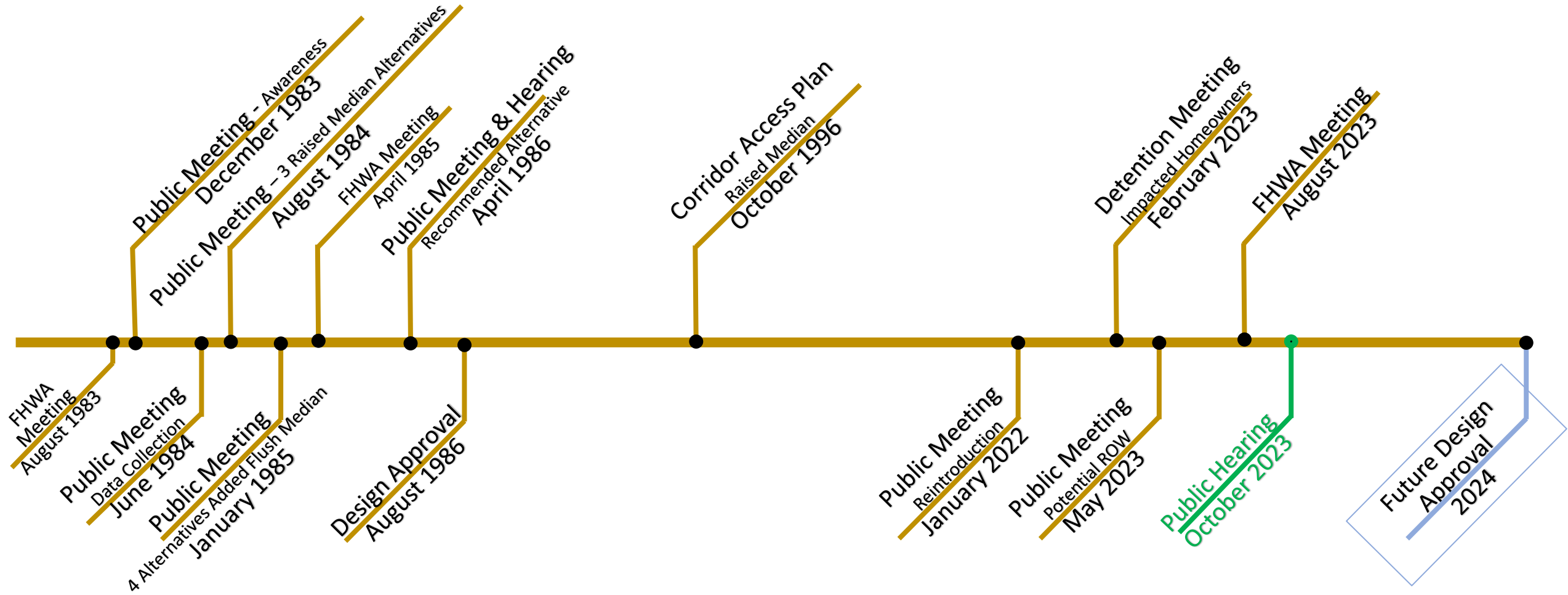
➤ Special waste – general discussion in EA

➤ Public involvement

- Public Awareness Meeting and Data Collection Meeting
- 2 Public Informational Meetings
- Public Hearing
- Public overwhelmingly in favor of Alternative 4 (preferred)



Study History



Proposed Improvements



Roadway Improvements

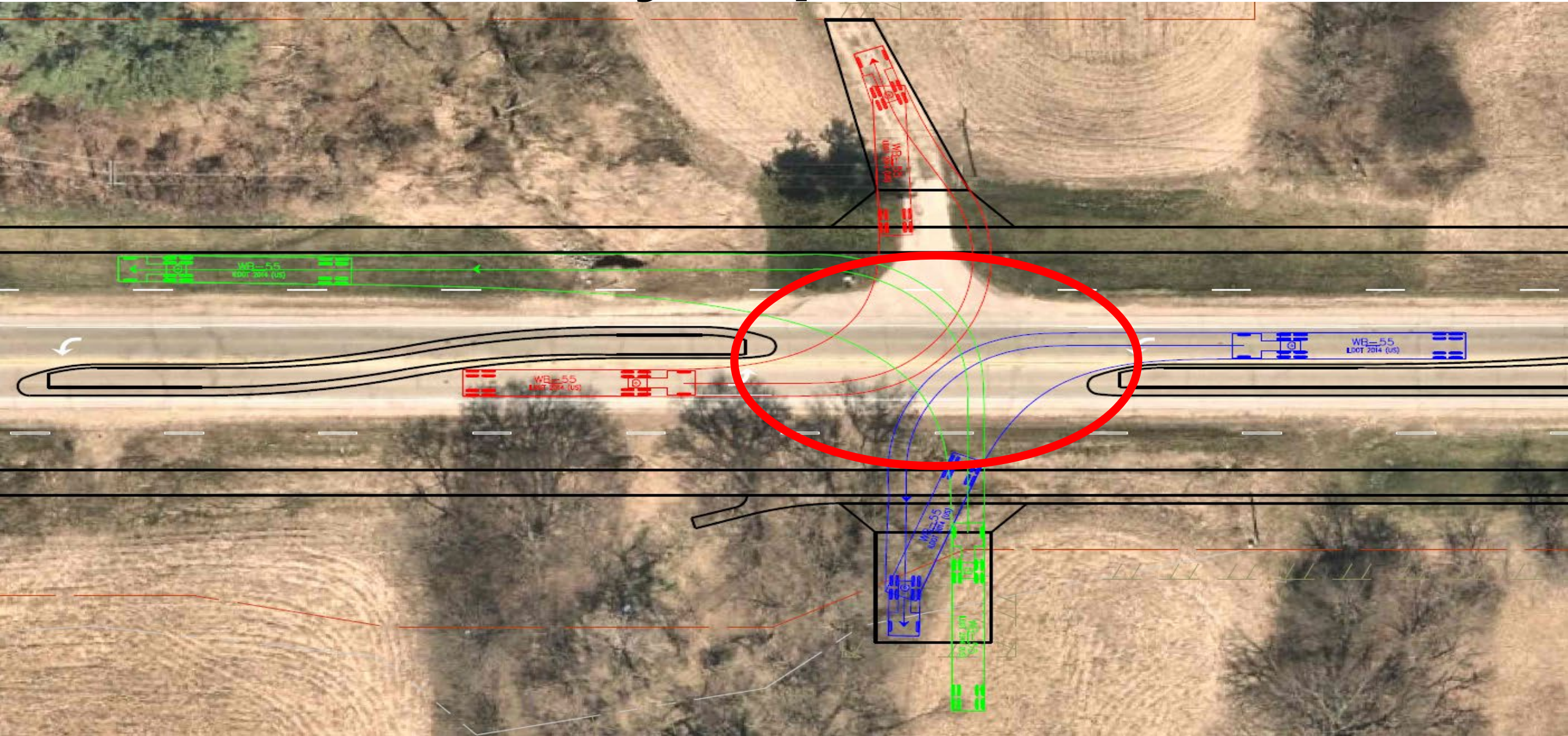
Existing Conditions (Rural West End) – 2-lane roadway, typically



Proposed Improvements (Rural West End) – Widening to 4-lane roadway



Roadway Improvements



Roadway Improvements

Existing Conditions (Urban East End) – 5-Lane Roadway



Proposed Urban East End Improvements – 5-Lane Roadway

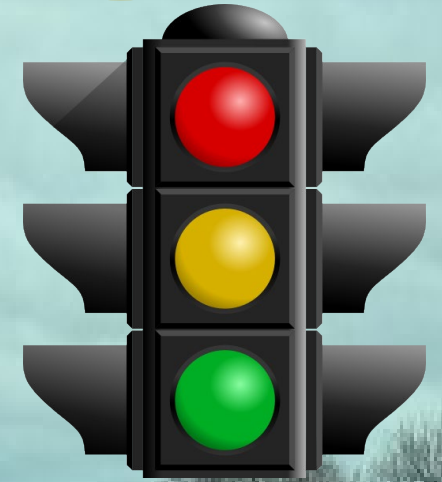
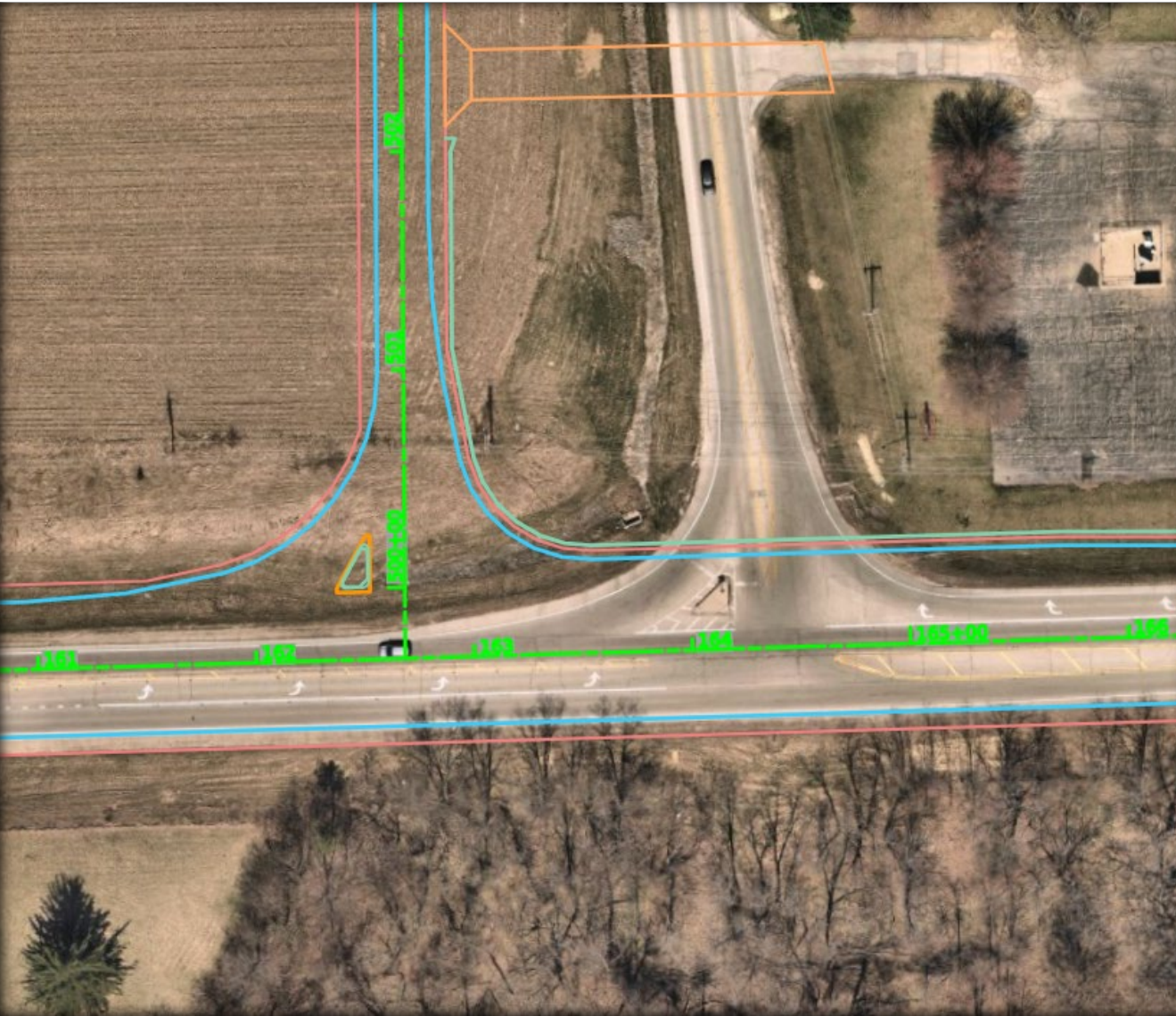


Detention Locations



What's Changed?

Signal Proposed



Land Acquisition

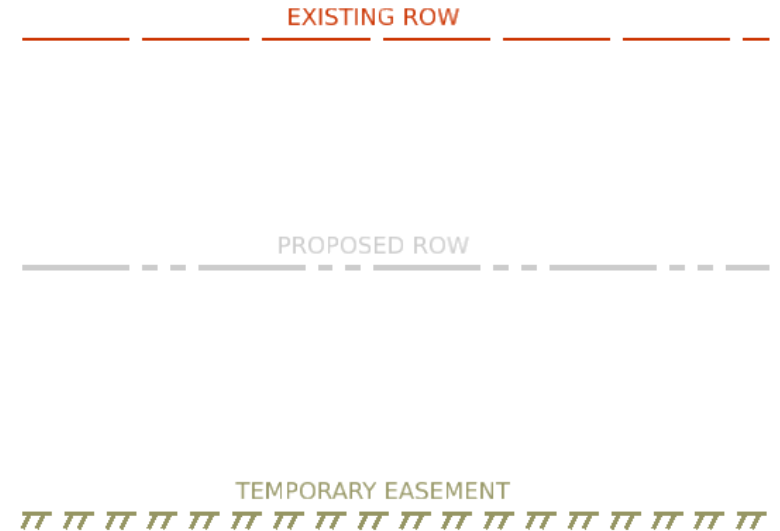
TWO TYPES OF LAND ACQUISITION

1. PROPOSED RIGHT-OF-WAY (ROW) (Fee Simple)

- Acquisition of all rights and interest

2. TEMPORARY EASEMENTS

- Ownership is retained by current property owner
- IDOT and Contractors are allowed temporary access to property for construction
- Generally, for grading or driveway construction



Proposed Improvements Overview



Environmental Assessment (EA) Re-evaluation



Environmental Assessment Re-evaluation

➤ Items Considered – In Draft Stage

ENVIRONMENTAL RESOURCES

- Wildlife and Vegetation
- Threatened and Endangered Species
- Special Waste
- Agricultural Resources
- Floodplains
- Wetlands and Streams
- Parks and Natural Areas

SOCIAL/ECONOMIC RESOURCES

- Age, Income, and Race
- Minority and Low-Income Populations
- Evidence of Past Human Occupancy
- Historic Structures
- Community Facilities
- Land Use
- Noise
- Water and Air Quality
- Section 106



Environmental Inventory



- | | | |
|-----------------------------|--------------------|--------------------------|
| Proposed ROW | Trails | 100 Year Floodplain |
| Proposed Temporary Easement | Receptor Locations | Regulatory Floodway |
| Proposed Improvements | CNE Areas | Parks/Conservation Areas |
| Streams | Wetlands | |



Re-evaluation Impact Summary

- No displacements
- 23.23 acres of permanent ROW; 2.60 acres of temporary easements
- Design includes a bike lane along widened shoulders
- Town Hall Road to be realigned at intersection with US BR 20
- Design includes 8 detention basins
- Parking space loss at 1 business
- 15.3 acres of farmland conversion
- Cultural resources: 16 structures being evaluated for historic eligibility
- Section 4(f) uses: Beaver Bluffs Conservation Area and Glenn H. Open Space Area
- 0.28 acres of wetland impacts; detention areas being surveyed for wetlands
- In-stream work at Beaver Creek, 2 tributaries of Beaver Creek, 2 tributaries of the Kishwaukee River



Re-evaluation Impact Summary (cont.)

- Floodplain crossing at Beaver Creek and two tributaries to Kishwaukee River
- ~600 trees to be removed
- Threatened and endangered species results are pending
 - Likely seasonal tree removal restrictions for bat species
 - Rusty patched bumble bee being reviewed
- Traffic Noise Analysis completed
- Special Waste surveys – Recognized Environmental Conditions (RECs) present
- Permits needed
 - Section 404 permit and Section 401 water quality certification
 - Construction in the Floodway permit
 - NPDES permit for storm water discharges from construction



Re-evaluation Impact Summary (cont.)

Traffic Noise Analysis



- Evaluated 25 receptor locations for existing (2025), no-build (2045) and build (2045)
- Noise levels ranged from -1 to 3 dB(A) from existing to build
- 6 receptors approached, met or exceeded the NAC
- Noise abatement (barriers) was considered
 - 4 receptors would not be feasible (only 1 receptor each)
 - 1 receptor not reasonable (did not meet noise reduction design goal)
 - 1 receptor not reasonable (not cost effective)

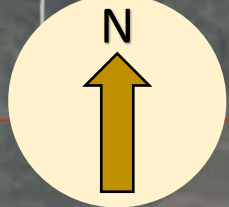


Re-evaluation Impact Summary (cont.)

Section 4(f) Uses

- U.S. Department of Transportation Action of 1966
- Protections for publicly owned parks, recreation areas, wildlife or waterfowl refuges, and historic sites
- Temporary easement needed from Beaver Bluffs Conservation Area
- Permanent ROW and temporary easement needed from Glenn H. Green Open Space Area
- FHWA intends to make a *de minimis* (minor) impact finding





EXISTING RIGHT-OF-WAY

OLSON ROAD

EXISTING RIGHT-OF-WAY

TEMPORARY CONSTRUCTION EASEMENT

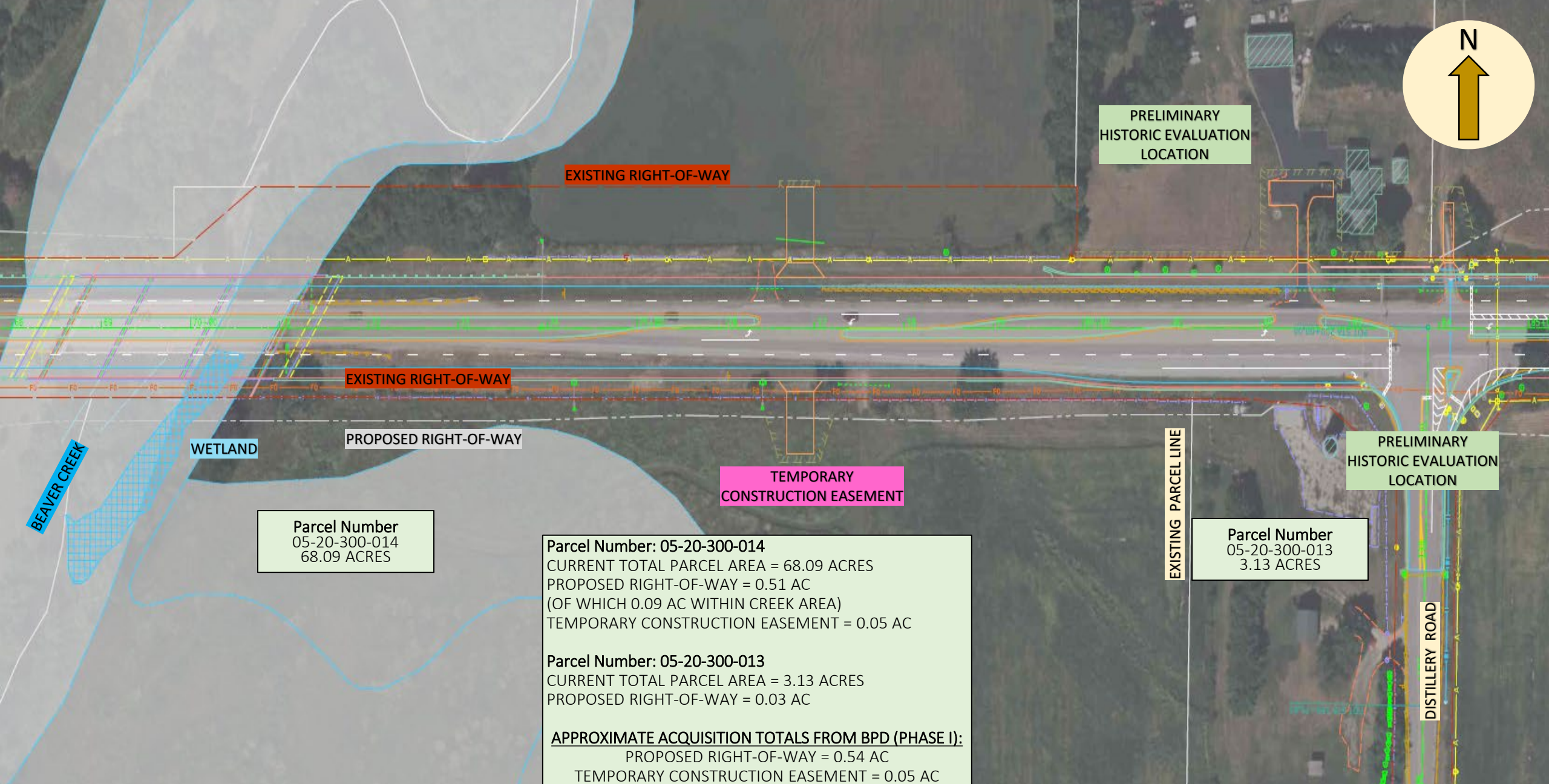
TEMPORARY CONSTRUCTION EASEMENT

EXISTING PARCEL LINE

Parcel Number: 05-19-400-005
CURRENT TOTAL PARCEL AREA = 79.17 ACRES

APPROXIMATE ACQUISITION TOTALS FROM BCCD (PHASE I):
TEMPORARY CONSTRUCTION EASEMENT = 0.44 AC

Beaver Bluffs Conservation Area Summary



Parcel Number
05-20-300-014
68.09 ACRES

Parcel Number: 05-20-300-014
CURRENT TOTAL PARCEL AREA = 68.09 ACRES
PROPOSED RIGHT-OF-WAY = 0.51 AC
(OF WHICH 0.09 AC WITHIN CREEK AREA)
TEMPORARY CONSTRUCTION EASEMENT = 0.05 AC

Parcel Number: 05-20-300-013
CURRENT TOTAL PARCEL AREA = 3.13 ACRES
PROPOSED RIGHT-OF-WAY = 0.03 AC

APPROXIMATE ACQUISITION TOTALS FROM BPD (PHASE I):
PROPOSED RIGHT-OF-WAY = 0.54 AC
TEMPORARY CONSTRUCTION EASEMENT = 0.05 AC

Parcel Number
05-20-300-013
3.13 ACRES

Glenn H Green Open Space Area Summary

Public Involvement

- Virtual Public Meeting #1
 - January 12, 2022
- Stakeholder Meeting (drainage basin related)
 - February 15, 2023
- Virtual Public Meeting #2
 - May 11, 2023
- Public Hearing (today)
- Numerous contacts with residents, business owners and other stakeholders



Re-evaluation Next Steps

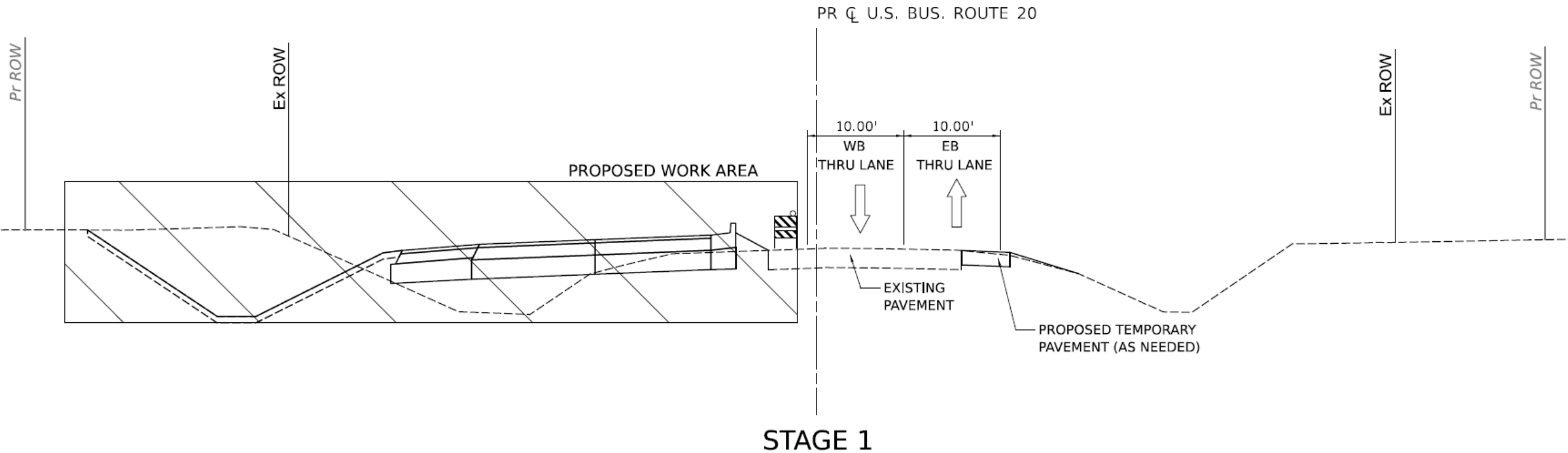
- Public Hearing comment period
- Pending environmental survey results to document
 - Biological resources (threatened & endangered species; wetlands)
 - Cultural resources (architectural and archaeological)
- *de minimis* Section 4(f) resolution
- Re-evaluation document review and approval by IDOT and FHWA



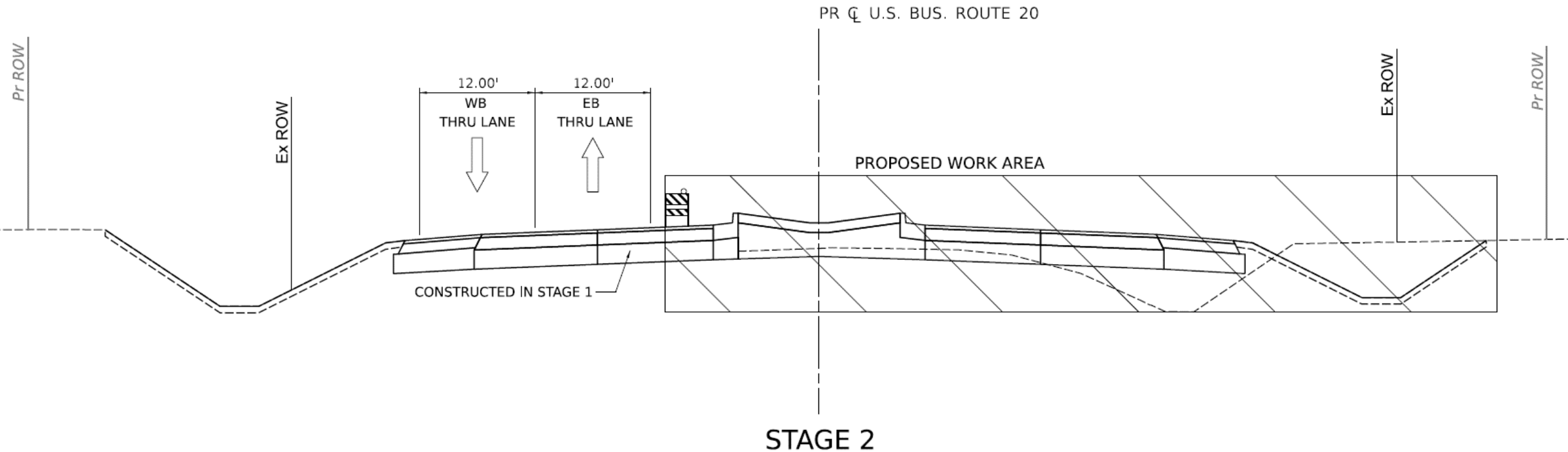
Construction



How will it be built?

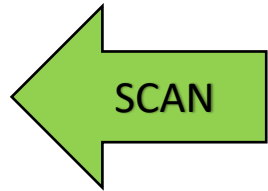


How will it be built?



Next Steps





Next Steps

DOCUMENTED
COMMENT PERIOD ENDS
November 25, 2023

How can you provide comments/questions?



Via Project Website:

tinyurl.com/USBusiness20Study

Click on "Get Involved" tab and select the link for the "Questions/Comments Submittal" form



Via E-mail:

Michael.Kuehn@illinois.gov

Subject: US Business Route 20 from Shaw Road to State Street/Appleton Intersection



Via Mail:

**Illinois Department of
Transportation
District 2
Studies and Plans
819 Depot Avenue
Dixon, IL 61021-3500
Attn: Michael Kuehn**

Next Steps

DOCUMENTED
COMMENT PERIOD ENDS
November 25, 2023

Added Comments/Questions Opportunity

October 30, 2023 from 1:00 – 4:00 PM

**Rivers Edge Recreation Center, 1151 W Locust St,
Belvidere, IL 61008**

- No presentation
- Informal
- In-person
- Department staff member and a court recorder to take comments
- Map of the study area with improvements overlaid

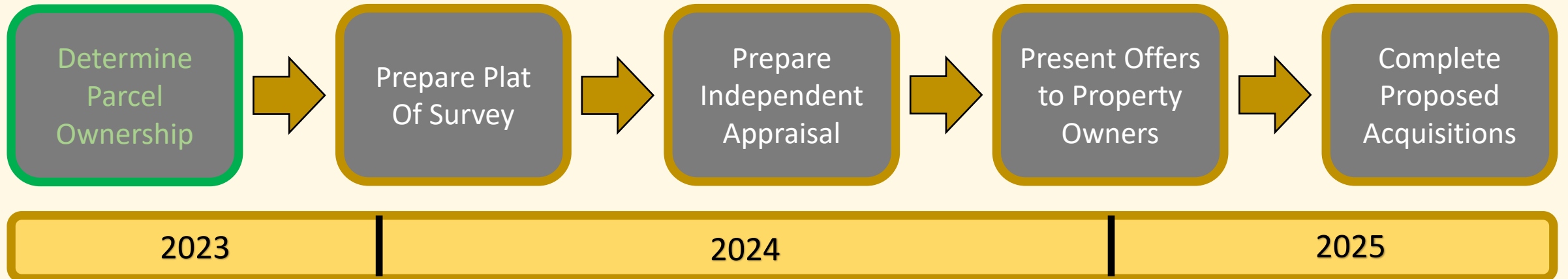


Next Steps



Next Steps

LAND ACQUISITION PROCESS



Live Q&A



Elli Cosky
Public Involvement
Coordinator



Michael Kuehn
IDOT Studies &
Plans Engineer



Amber Petkevicius
Hanson Project
Engineer

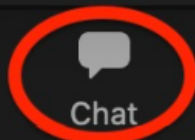


Jeff Bushur
Hanson Environmental
Lead

To: **Jordan Rogalski**

Enter your comments and questions!

Participants 1 ^



Share Screen ^

Record



PROJECT WEBSITE

<https://tinyurl.com/USBusiness20Study>

SHARE YOUR INPUT

Comment Form: <https://apps1.dot.illinois.gov/WER/?from=1>



THANK YOU!

HAVE QUESTIONS? CONTACT US

GENERAL QUESTIONS/GEOMETRY:
Mike Kuehn (Michael.Kuehn@illinois.gov)

LAND ACQUISITION:
Jon Estrem (Jon.Estrem@illinois.gov)

PARK LAND/ENVIRONMENTAL:
Heath Jordan (Heath.Jordan@illinois.gov)

