

IL 154 AT REND LAKE – PROJECT LOCATION



PURPOSE OF VIRTUAL PUBLIC MEETING



- Show why the bridge that carries IL Route 154 at Rend Lake needs to be replaced.
- Provide information about:
 - Existing conditions of the IL Route 154 bridge
 - Addition of a multi-use path
- Receive input from the public.
- Inform the public of the project schedule.



PROJECT DESCRIPTION



This study has taken a detailed look at options for:

- Raising the bridge to allow for different types of boating
- Resurfacing of the IL Route 154
- Addition of a secured multi-use path along the south side of IL Route 154



PURPOSE & NEED FOR THE PROJECT



The purpose and need for the replacement of the IL Route 154 bridge is due to:

- Condition of structure
- Rising and continual cost of maintenance
- Lack of pedestrian & biking mobility
- Enhance safety along the corridor

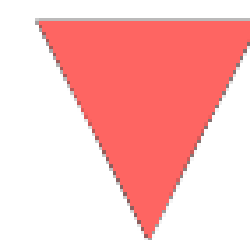


PROJECT DEVELOPMENT & FUNDING



IDOT has a three-phase project development process, as shown on the timeline graphic below. The IL Route 154 Bridge Replacement includes funds to conduct Phase I, which provides the support for determining a preferred option. During this phase the proposed geometry, environmental concerns, and proposed right-of-way are identified.

**WE ARE
HERE**



**All three phases are currently included in IDOT'S FY 2023-2028 Proposed Highway Improvement Program*



What is considered during a Phase I Study in the Development of Alternatives?

Engineering Feasibility

- Traffic Flow
- Geometrics
- Safety
- Access
- Mobility

Community Characteristics

- Displacements
- Business Impacts
- Schools
- Multi-Use Paths
- Parks

Environmental Impacts

- Biological Resources
- Cultural Resources
- Noise
- Special Waste

Economic Development

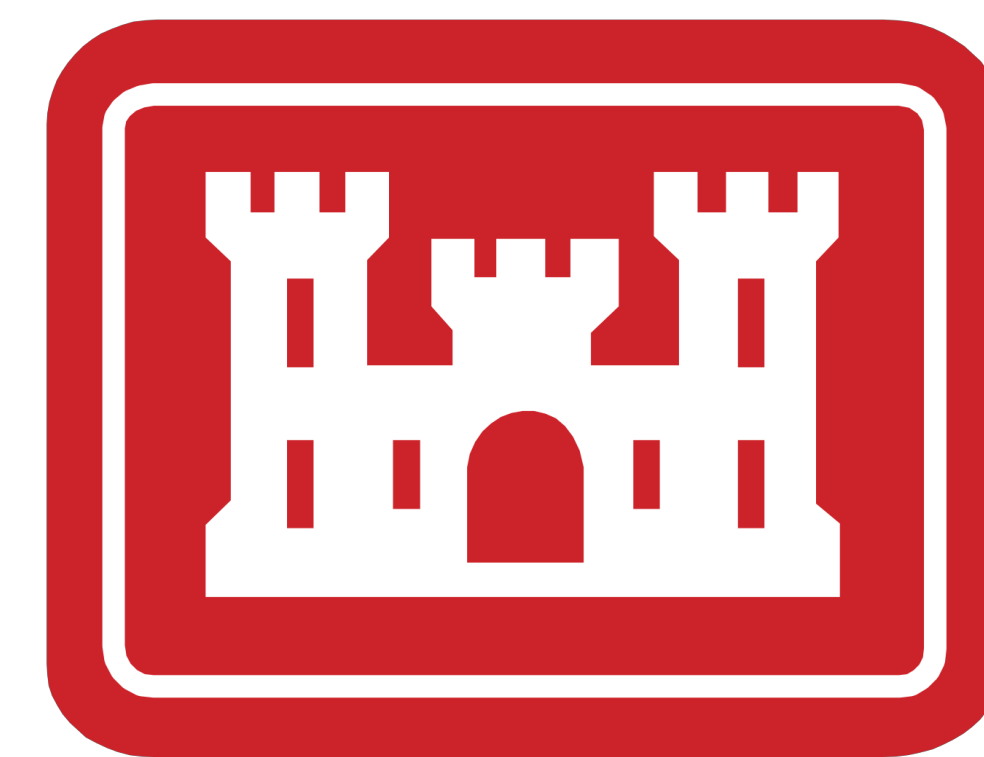
- Does the project promote economic development opportunities?
- Is the project compatible with local projects?

**PUBLIC
INPUT**

IL 154 STAKEHOLDER COORDINATION



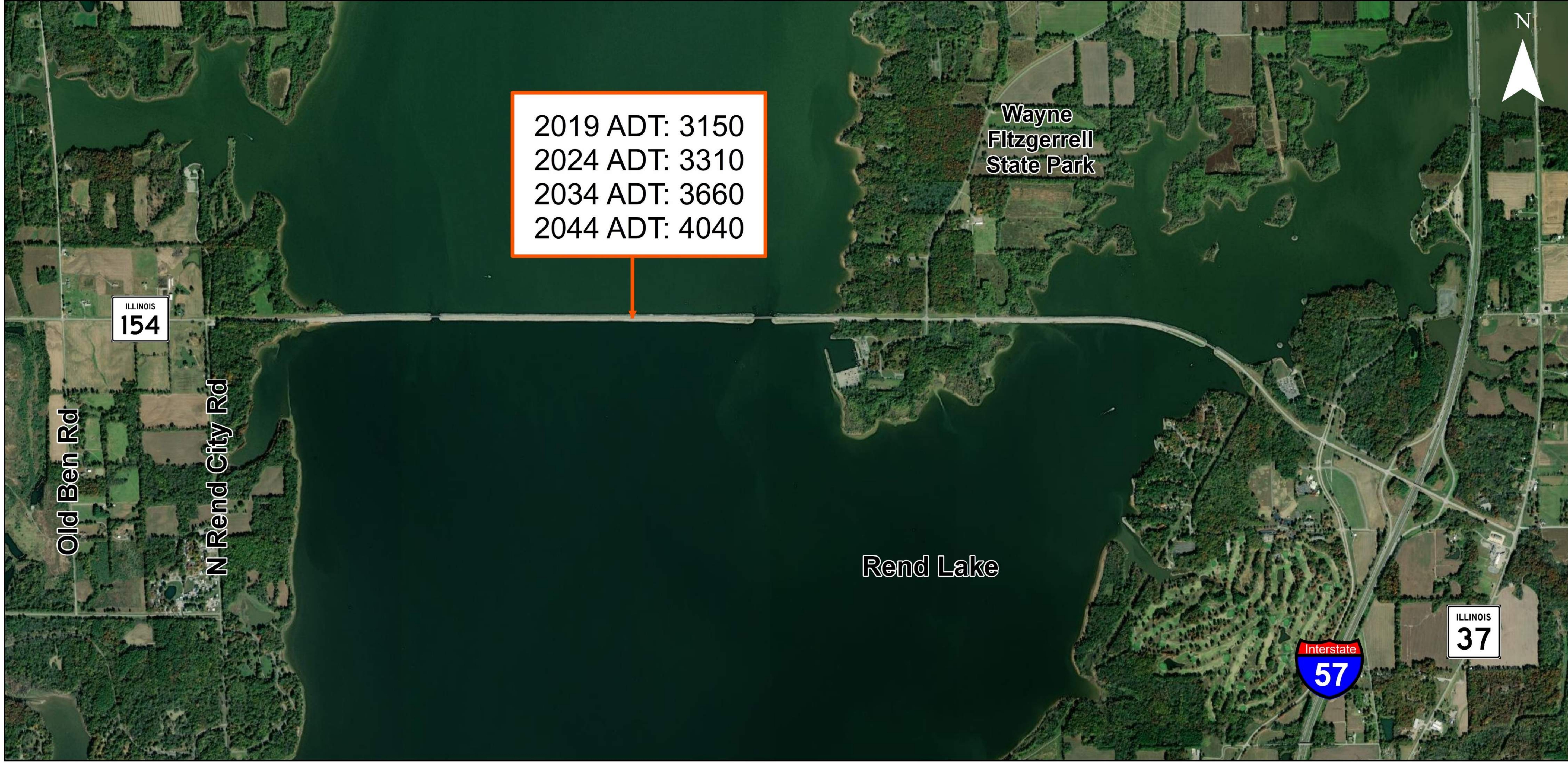
IDOT has coordinated the planning of this project with the following:



**US Army Corps
of Engineers.**



IL ROUTE 154 - EXISTING & PROJECTED TRAFFIC VOLUMES



Average Daily Traffic (ADT)



CRASH PATTERNS ALONG IL ROUTE 154 (2014-2019)



IDOT conducted a six-year crash study

23 crashes occurred in the years studied:

- Zero resulted in fatalities
- Four of these crashes resulted in severe injuries
- The majority of the crash types were 'Animal' collisions

CRASH TYPE (2014-2019) IL Route 154	%
Animal	39.13%
Rear End	30.43%
Fixed Object	13.04%
Turning	13.04%
Sideswipe Opposite Direction	4.34%

CRASH EXHIBIT



Injury Type Classifications:

- Type K is a fatality in which at least one person dies within 30 days of the crash.
- Type A is an injury in which is considered an incapacitating injury.
- Type B is an injury in which is considered a non-incapacitating injury.
- Type C is a possible injury but not evident.
- Type PD is Property Damage

Legend

Crash Type, Injury Type (Number of Crashes)			
●	Animal, PD (9)	△	Rear End, C-Injury (2)
■	Fixed Object, A-Injury (2)	▲	Rear End, PD (4)
■	Fixed Object, PD (1)	◆	Sideswipe Opposite Direction, PD (1)
▲	Rear End, B-Injury (1)	◇	Turning, A-Injury (1)
		◇	Turning, PD (2)

MULTI-USE PATH

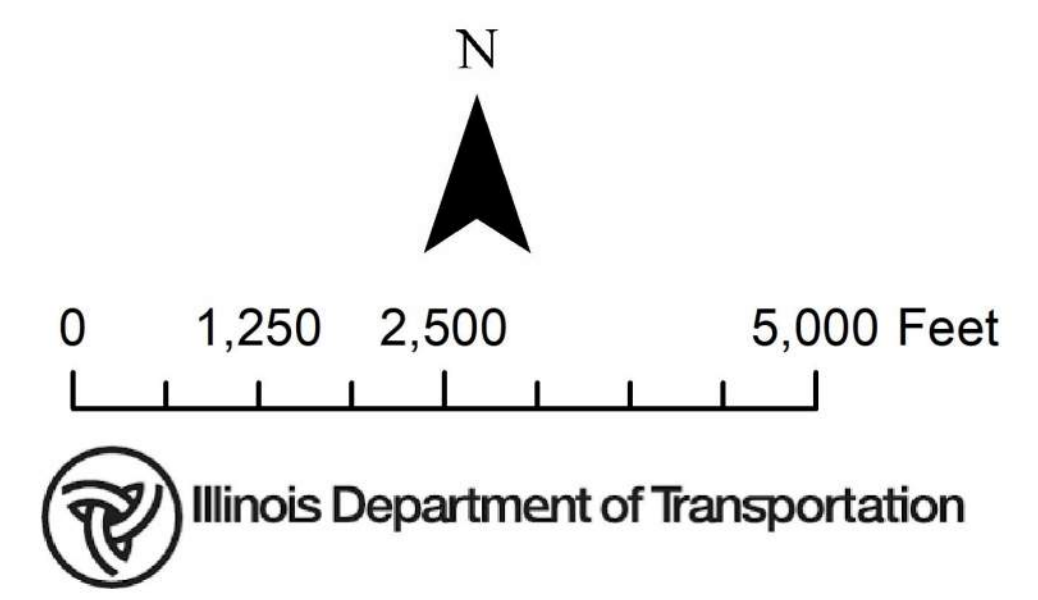


Legend

- Churches
- Cemetery
- Landmarks
- Boat Ramps
- State T&E Species
- Multi-Use Paths
- Limit of Construction
- Proposed Multi-Use Path
- Park
- County

Wetlands

- River and Streams
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland

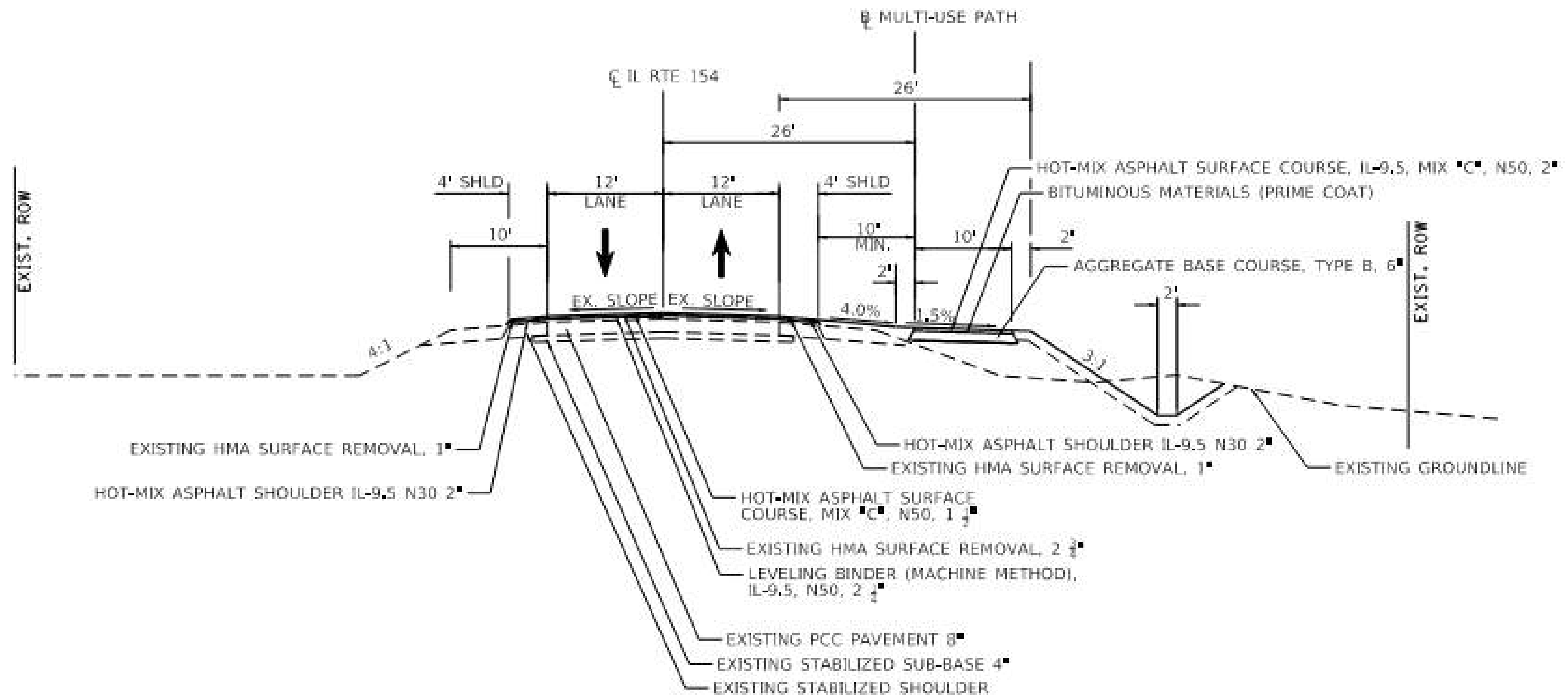


- The multiuse path will connect to the current path that terminates just North of IL 154 on the East side of Fitzgerald Park Dr.
- It then crosses IL 154 just east of the intersection of IL 154 and Fitzgerald Park Drive.
- From this point, it runs parallel to IL 154 on the south side, crossing the causeway and the bridge.
- About 650' east of Larry Foster Parkway, the multiuse path veers south at an angle of about 30 degrees then runs parallel to Larry Foster Parkway. The path crosses the Southern Illinois Arts and Crafts Entrance.
- It then turns East, crossing Larry Foster Parkway and connects to the existing path that continues South from that point.

PROPOSED MULTI-USE PATH ALONG IL ROUTE 154



TYPICAL SECTION OF PROPOSED IMPROVEMENT



PROPOSED TYPICAL SECTION
 ILLINOIS ROUTE 154
 STA 311+79.34 TO STA 317+26.93

PROPOSED IMPROVEMENTS – PAGE 1 OF 4



Preliminary Plans IL Route 154 Over Rend Lake IL 154 from Fitzgerrell Park Dr to Larry E Foster Pkwy

Legend

- Bike Path
- Centerline
- Property Line
- Existing ROW
- Proposed ROW
- Proposed Construction Limits
- Proposed Bridge Replacement
- Acreage Outside of Existing ROW

Total Acreage Impacts	
- IDNR Property:	0.342 Acres
- Army Corps Property:	3.535 Acres



PROPOSED IMPROVEMENTS – PAGE 2 OF 4



Preliminary Plans

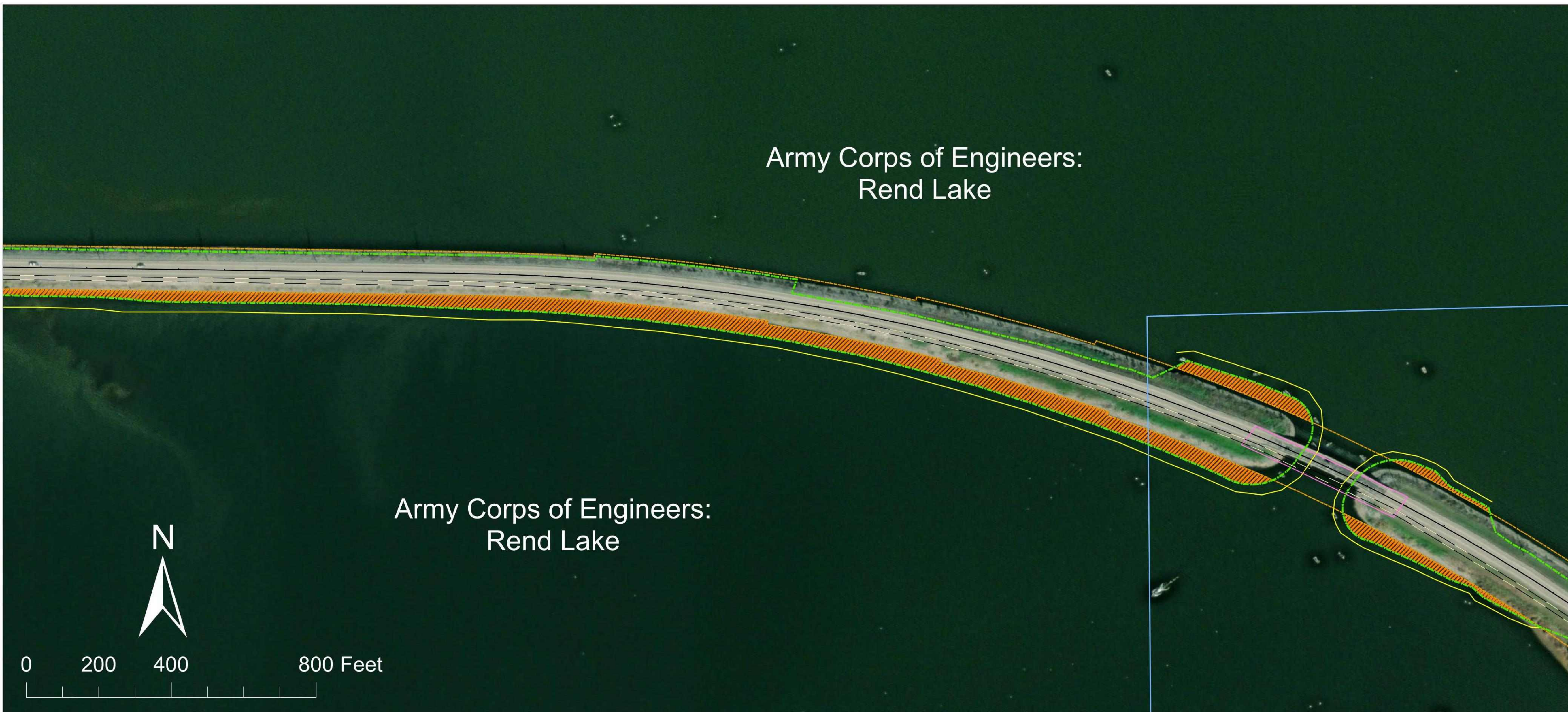
IL Route 154
Over Rend Lake
IL 154 from
Fitzgerrell Park Dr
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Legend

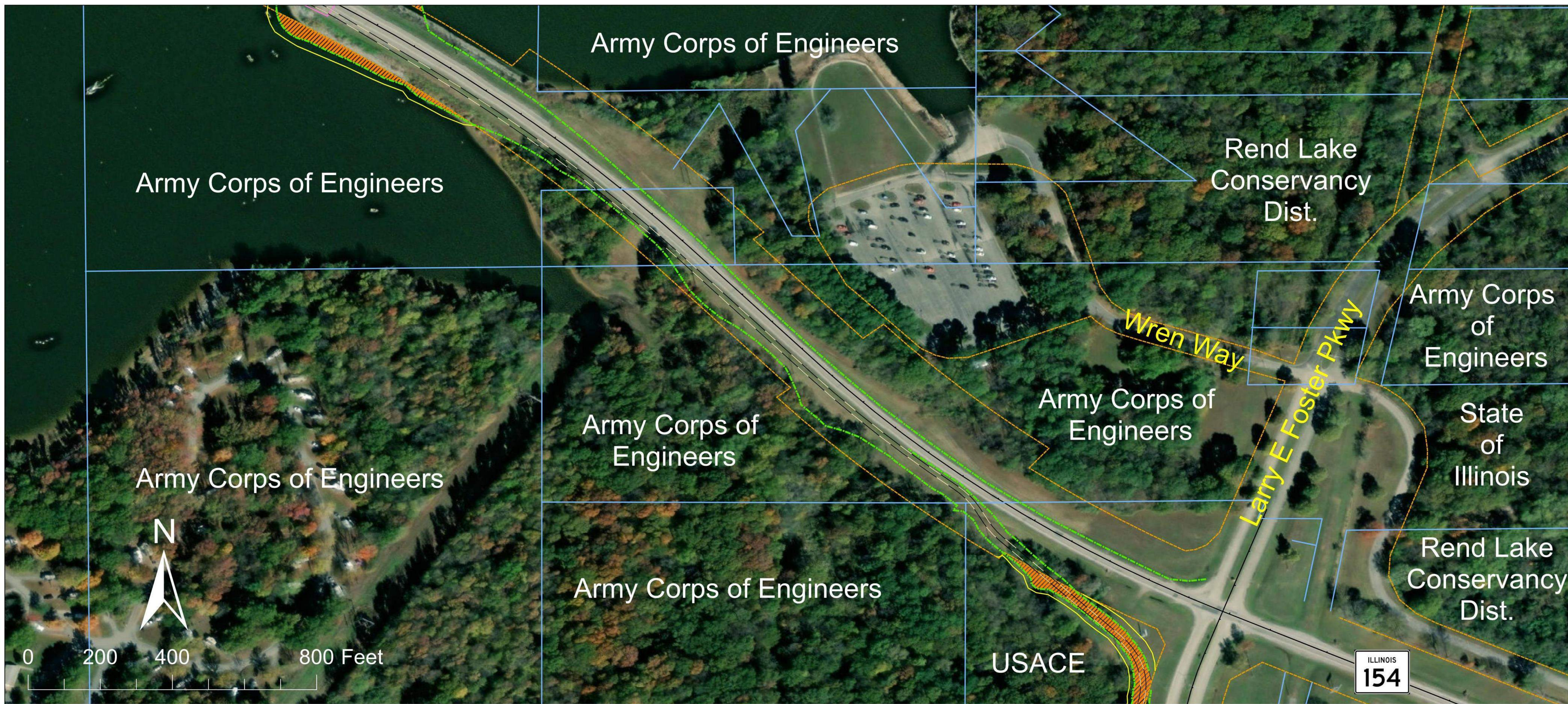
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PROPOSED IMPROVEMENTS – PAGE 3 OF 4



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SECTION 4(f)



- This project will include impacts to Rend Lake Recreation Area and Wayne Fitzgerald State Recreation Area. As such, it is subject to protection under Section 4(f) of the US Department of Transportation Act of 1966.
- For this project, IDOT received a preliminary section 4(f) “de minimis” impact finding from the Federal Highway Administration based on a determination that the project will not adversely affect the features, attributes, or activities that qualify these recreational areas for protection under section 4(f).
- Effects of the recreational areas will include the construction of a multi-use bicycle and pedestrian path and embankment in Rend Lake to widen the IL 154 causeway across Rend Lake between Fitzgerald Park Drive and Larry Foster Parkway.
- Mitigation will include improved access for alternative modes of transportation to the recreational areas.
- This virtual public meeting will provide an opportunity for the public to provide comments on the effects of the project on the recreational areas.

WILL THERE BE A CLOSURE?

- IL 154 will remain open to through traffic during construction
- Construction will be staged with the installation of a temporary traffic signal.



WE NEED YOUR INPUT!



Your input will be used to understand how the project route is used by the community and what concerns you may have regarding the design and construction.

You can help us by submitting a comment via the website by
July 31, 2023.



***THANK YOU FOR
YOUR INPUT!!!!!!***