## Fermilab **ENERGY** Office of Science



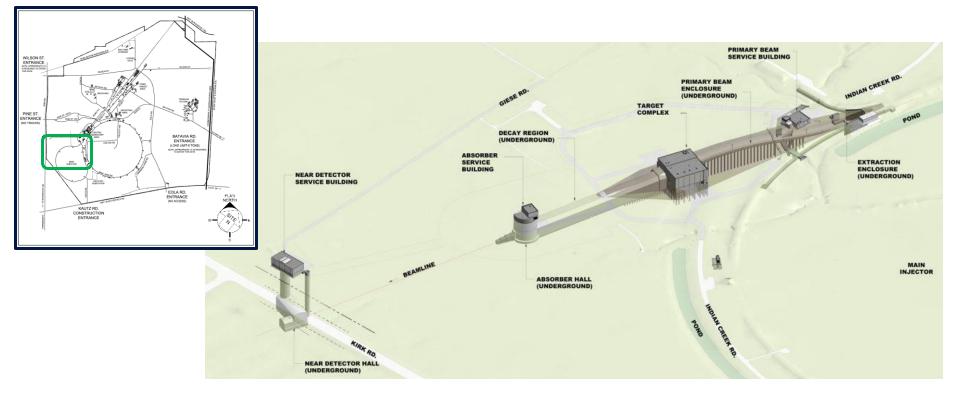
#### **LBNF NSCF Site Preparation**

NSCF Team Community Advisory Board (CAB) 27 July 2023

#### **LBNF NSCF at Fermilab**

Long-Baseline Neutrino Facility (LBNF) Near Site Conventional Facilities (NSCF) <a href="https://lbnf-dune.fnal.gov/how-it-works/excavations-and-structures/">https://lbnf-dune.fnal.gov/how-it-works/excavations-and-structures/</a>

 Includes new service buildings, underground enclosures, utilities, roads, hardstands, and other facilities needed to house and support the operation of the LBNF Beamline and DUNE Near Detector

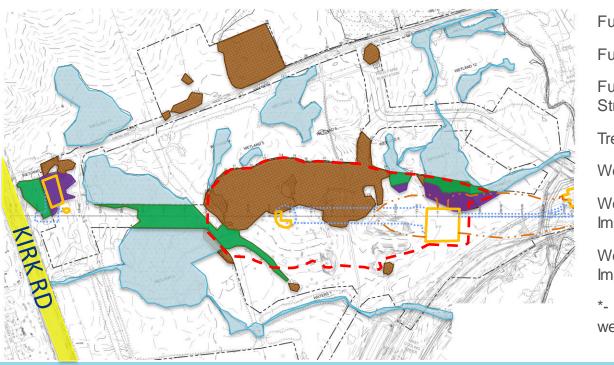




#### What are we planning to do in the next 12 months?

Preparing the site to construct LBNF at Fermilab!

- Removal of about 5 ac of trees and shrubs, etc. Average tree cover ~20% (~100 trees)
- Earthwork to prepare the impacted wetland areas for future construction
- Active US Army Corps of Engineers (USACE) Wetland Permit obtained March 14, 2022. Permit # LRC-2013-00387



Future Excavation Limit	
Future Toe of Embankmen	nt —…—…
Future Surface Structure	
Future Underground Structure	
Tree Removal	
Wetland Not Impacted	
Wetland Temporarily Impacted* (7.71 ac)	
Wetland Permanently Impacted* (0.96 ac)	
*- Impacts offset with offsite wetland bank credits	

#### When is this happening?

- Scheduled to perform work in Fall 2023 Summer 2024
- Tree clearing must occur in winter, outside the nesting period for birds and the roosting period for bats
- Earthwork done in winter, outside bee foraging season





#### How long will this take?

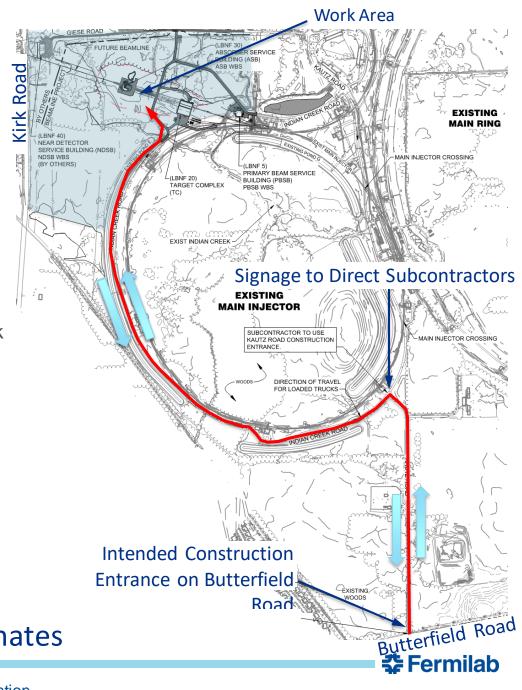
- Tree and shrub removal will take approximately ~3-4 weeks at 5 days/week. Anticipated equipment to be used are excavators, tree cutting machines, chainsaws, etc.
- Earthwork will take approximately 6-8 weeks at 5 days/week. Anticipated equipment to be used are excavators, bulldozer, off-road trucking, etc.
- Work will occur during normal weekday daytime hours 7am 4pm. Work is not anticipated after hours nor weekends.
- City of Batavia noise ordinance prohibits outdoor construction within 1,000 ft of a residence between 9pm 7am weekdays and 9pm 8am Saturdays and Sundays
- Noise levels are anticipated to be typical of construction sources



# **Construction Traffic**

- Mobilization
  - 11/1/2023 11/15/2023
  - 5 to 10 tractor trailers in-and-out of site to deliver heavy equipment.
- Work Period
  - 11/15/2023 3/15/2024
  - 10 to 15 company trucks, personal vehicles, fuel trucks, etc. in-and-out of site each workday to perform the work and service equipment
  - Not every day will be a workday due to weather conditions
- Demobilization
  - 3/15/2024 3/31/2024
  - 10 to 15 tractor trailers in-and-out of site to remove heavy equipment and for removal of tree waste and other debris

### All dates and volumes are estimates



#### **Questions for our CAB members**

- In addition to our nearby neighbors west of Kirk Road, who should we inform about this upcoming work?
- What are the best ways to get this information to our nearby neighbors? How would you like to be informed if you lived there?
- How soon should we inform our neighbors? Now or closer to the actual work this fall?
- What questions do you have for us? What additional questions might our nearby neighbors have?

