Fermilab **ENERGY** Office of Science



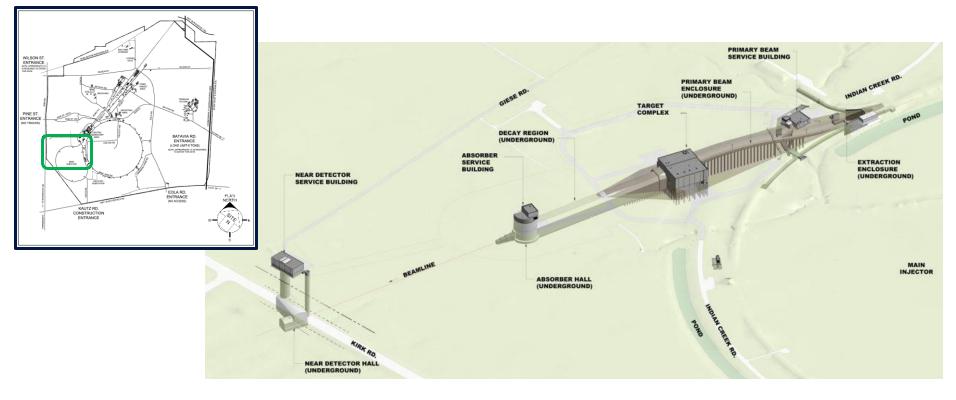
LBNF NSCF Site Preparation

NSCF Team Community Advisory Board (CAB) 27 July 2023

LBNF NSCF at Fermilab

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

 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

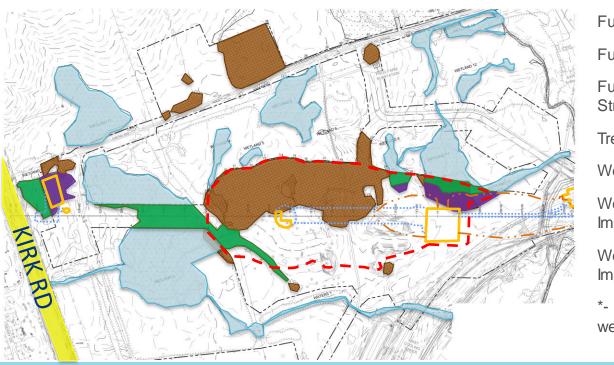




What are we planning to do in the next 12 months?

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?

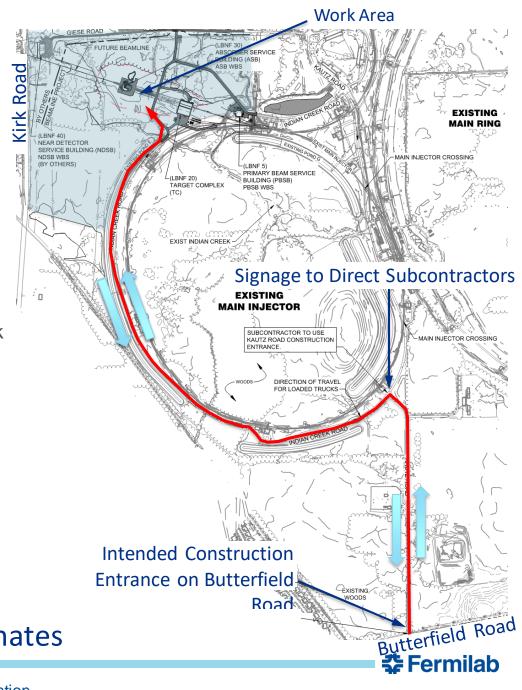
- Tree and shrub removal will take approximately ~3-4 weeks at 5 days/week. Anticipated equipment to be used are excavators, tree cutting machines, chainsaws, etc.
- Earthwork will take approximately 6-8 weeks at 5 days/week. Anticipated equipment to be used are excavators, bulldozer, off-road trucking, 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?

