



April 21, 2023

Dear Resident of Lead,

I am writing to update you on the construction of the Long-Baseline Neutrino Facility (LBNF) and Deep Underground Neutrino Experiment (DUNE) project here in Lead. As you may know, Fermilab is leading this project and using space provided by our partners at the Sanford Underground Research Facility (SURF).

Our contractor, **Thyssen Mining Inc, is on schedule to complete the excavation for LBNF/DUNE sometime around the end of 2023.** Approximately 60% of the needed underground space has been excavated. Kiewit Alberici Joint Venture (KAJV) continues to provide construction support to the excavation activities and subsequent construction work.

As we prepare for the next stages of the project—the outfitting of the new caverns and the installation of the neutrino detectors—**we expect to hire more personnel and contractors.** At present, Fermilab has 16 employees working in Lead. You can find information about job openings at: <https://fermilab.wd5.myworkdayjobs.com/en-US/FermilabCareers>.

Right now, Thyssen employs more than 100 miners and KAJV employs about 30 people on the LBNF/DUNE project. Last fall, the first full-scale prototype component for the DUNE neutrino detector [arrived](#) at Sanford Lab to test the movement underground. The hoist team at Sanford Lab [successfully lowered](#) the roughly 25-foot-long module down the renovated Ross Shaft to the 4850 level to check the logistics. Within the next few years, LBNF will receive more than 150 of these modules for installation underground.

Our website, (www.fnal.gov/dune), has a specific area dedicated to updating our neighbors in Lead: the link is www.fnal.gov/neighbors-sd. The website includes videos and animations that will help you visualize and better understand the scope of the project.

Please join us at 6:00 pm on Wednesday, May 10 at the Sanford Lab Homestake Visitor Center located at 160 W Main St. in Lead. We will provide you with an update on the progress of the project and an opportunity for you to ask questions of our project leaders.

In the meantime, if you have any questions or concerns, please let us know. You can reach me via email at neighbors-sd@fnal.gov.

Sincerely,

Joe Pygott
Deputy Director, South Dakota Services Division
Fermi National Accelerator Laboratory