



December 18, 2020

Dear Resident of Lead,

I am writing to provide an update on the construction of the Long-Baseline Neutrino Facility (LBNF) and Deep Underground Neutrino Experiment (DUNE) project at the Sanford Underground Research Facility (Sanford Lab) in Lead, South Dakota. As you may remember, the project is being led by Fermi National Accelerator Laboratory (Fermilab), a U.S. Department of Energy national laboratory located in Batavia, Illinois.

From the outset, the construction of LBNF/DUNE has been designed to limit disruption to the community as much as possible. Since 2015 we've held a series of informational meetings to keep residents informed, get your input, and answer your questions. We will continue to hold those meetings in the future; however, because of COVID, we are utilizing this letter to inform you of the latest information on our project. You can also find more information as well as answers to frequently asked questions at www.fnal.gov/neighbors-sd

In November, Thyssen Mining Inc. was awarded the contract to excavate the caverns for Fermilab's Long-Baseline Neutrino Facility. The caverns will be located nearly a mile underground at Sanford Lab, rise up to seven stories tall and cover an area almost the size of two football fields. The excavation activities will begin in spring 2021 and are expected to take about three years.

Ryan Moe, U.S. General Manager of Thyssen Mining, said this about their involvement in the project:

Our planned labor force for this project is expected to be between 110 and 120 people. Our team will consist of many of our trained and experienced miners, operators, mechanics, electricians, engineers and managers who have worked on multiple cavern projects within the Thyssen organization. We will in the near term, however, be posting numerous positions locally to fill in alongside with many of these similar roles. As our planning advances, we'll have better information on the exact number of positions needed.

Thyssen Mining strongly believes in supporting the community. Our observation in the past is that by engaging with the local community and hiring local employees we benefit from their experiences; and in this community there is a rich tradition of mining legacy. We would seek individuals who have worked locally that may provide knowledge and experience that will help us be successful.

Kiewit Alberici Joint Venture will continue with a presence in the community and provide construction support to the excavation activities and accomplishing subsequent construction work.

The most visible part of our construction project has been completed and I'm sure many of you have tracked the construction of the conveyor that travels down the hill from Sanford Lab, over Highway 85, and into the Open Cut. The nearly 800,000 tons of excavated rock will move along this conveyor and into the Open Cut. The conveyor will be tested in March of 2021 and will run throughout the excavation over the next three years.

The conveyor itself should not create any noticeable noise, but the falling of rock from the conveyor into the Open Cut may generate some noise. Given this, we are putting measures in place to limit the impact. Depending on your specific location within the community, the noise may be audible but will be within the limits defined by city ordinance. The conveyor will only run during daytime hours.



More information on the LBNF/DUNE project, Fermilab, and Sanford Lab is at www.fnal.gov/dune and www.sanfordlab.org, including videos and animations of the project. If you have any questions or concerns, please let us know. You can contact Patrick Weber, Head of the Fermilab South Dakota Services Division via email at neighbors-sd@fnal.gov, or via phone at 605-929-1125.

We are very excited to be doing this project and grateful for the support the community has shown us.

We wish you a very happy and healthy 2021.

Sincerely,

A handwritten signature in blue ink that reads "Patrick Weber". The signature is written in a cursive style.

Patrick Weber
Fermi National Accelerator Laboratory
South Dakota Services Division
Division Head