



NuStar Case PU-20-381
PROJECT PROGRESS REPORT
NuSTAR 10-INCH PIPELINE RELOCATION
FM DIVERSION CHANNEL RELOCATION PROJECT
AFE_0002412
Report Date May 19, 2022

- **GENERAL OVERVIEW**

- In the fall of 2021, this project was halted for the winter. During this time NuStar addressed additional engineering requests by the Fargo Diversion Authority related to the proposed HDD of the main diversion channel. Additional engineering was completed, and it was determined that the HDD should be extended by an additional 400 feet in length to address anticipated soil rebound impacts where the diversion channel will be excavated over the pipeline, and soil settlement concerns where soil fill will be installed to construct the proposed levees being constructed by the Diversion Authority. The HDD for the main channel was extended but no alteration to the pipeline alignment was made. A copy of the new HDD plan and profile is attached.
- Proposed re-mobilization to the project is anticipated to be mid to late June 2022 with completion estimated to be mid-August 2022.

- **SAFETY**

- Upon re-mobilization and restarting of the second phase, and completion of project work, we will initiate with a project kick-off meeting. This will cover an overall project safety review, and we will then continue with daily tailgate safety meetings before start of work each day.

- **RIGHT-OF-WAY**

- No current issues with landowners or tenants. Prior to re-mobilization all landowners will be notified of the proposed mobilization and project completion schedule.

- **ENVIRONMENTAL**

- Silt fencing and waddles have remained in place through the winter months when contractors de-mobilized. Upon re-mobilization, the contractor will inspect and make any repairs required to establish appropriate soil erosion and protection devices. All silt fencing and waddles installed will have ongoing monitoring by SWCA

- **SURVEY**

- EFN Surveyors will be first on site to reestablish all project workspace boundaries and pipeline relocation staking.

- **CONSTRUCTION**

- Primary contractor (Rig Masters, Inc.) will be returning to the project mid-to late June 2022. Initial work activity will be to evaluate all soil separation that was completed prior to winter 2021 and re-establish the work site. 400 feet of additional HDD drill pipe will be delivered to the project and welded up and added to the existing welded drill string remaining for the main channel. The HDD contractor (Ellingson

Trenchless) will return to the project in order to complete the final HDD installation for the main diversion channel.

- All other HDD activity related to the project was completed in 2021.
- NuStar has hired a new design engineering firm (GeoEngineers) to complete the design elements for the main channel HDD.
- We are estimating a re-mobilization to the project site mid to late June, with a completion around mid-August, 2022. Prior to de-mobilization at the completion of the project, all topsoil will be returned, and field re-established to the satisfaction of the landowners and the PSC requirements.

Pictures:

None at the time of this report

