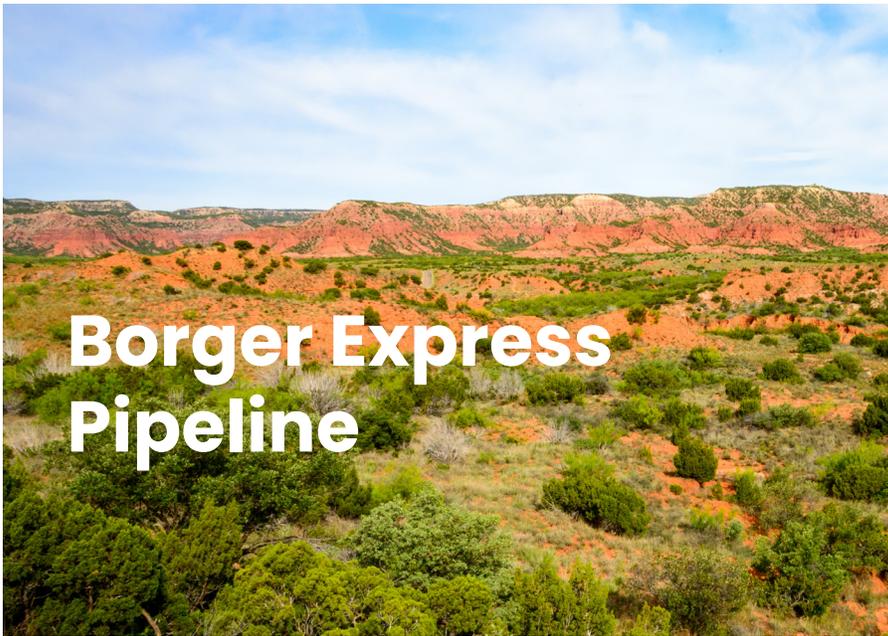


# Borger Express Pipeline



## PROJECT PURPOSE

**Navigator's Borger Express Pipeline will provide a regional refinery with critical access to crude oil originating from the Cushing, Oklahoma storage hub. This project will enable the refinery to access greater volumes and more varied types of crude, allowing it more flexibility to provide different refined products to Texas and Oklahoma residents and businesses. The Borger Express will directly and indirectly provide significant economic benefits to nearby communities and areas along the pipeline route.**

## PROJECT OVERVIEW

- Approximately **195 miles** of 16-inch pipeline
- Capable of transporting up to **90,000 barrels** per day of domestic crude oil from Cushing, Oklahoma to a regional refinery
- Once complete, the crude oil pipeline will traverse **seven counties**:
  - **Hutchinson, Roberts and Hemphill** counties in TX
  - **Ellis, Woodward, Major and Woods** counties in OK

## EXPECTED PROJECT TIMING

### Summer 2020 - Spring 2021

- Route feasibility, field due diligence, environmental permitting, engineering design, and right-of-way acquisition

### Spring 2021 - Summer 2022

- Pipeline construction, restoration, and commissioning

## PROJECT ECONOMIC IMPACT

- Approximately **\$60 million in property tax revenue** for communities along the pipeline route over the life of the project.
- Approximately **1,500 new contract positions** will be created during the construction of the pipeline.
- Estimated **3 new permanent jobs** will be established at locations along the pipeline route once the project is completed.
- The regional refinery, which this project supports, **employs more than 900 people** and contributes significantly to the area's economy.

## PIPELINE SAFETY

Navigator has a strong and lengthy track record as a safe and reliable midstream operator. We are committed to developing this and all projects to minimize the collective impact to the environment, landowners and the public during construction and ongoing operations.

The Navigator Borger Express pipeline project will meet or exceed the United States Department of Transportation pipeline standards and include a number of important safety elements :

- The route, which takes months to develop, will be selected to minimize the overall impact to the environment, landowners and the public.
- New pipe will be manufactured to meet or exceed all industry standards and specifications.
- Increased depth of cover will reduce potential third party damage to the pipeline.
- All welds will be x-rayed to verify integrity prior to placing the pipeline in-service.
- Ongoing assessments will be performed prior to and after placing the pipeline in service.
- The use of cathodic protection will guard against corrosion and ensure the ongoing integrity of the pipeline.
- Routine aerial surveillance of the pipeline's right-of-way will be used to assess the pipeline for any risks.
- 24/7 remote monitoring by Navigator personnel and the use of real-time leak detection technologies ensure any potential issue is quickly identified and addressed.
- Participation in the Oklahoma and Texas #811 programs ensure local residents and contractors can notify the company in the event of future digging or construction along the path of the pipeline.



## ABOUT NAVIGATOR

- ▶ Navigator Borger Express, LLC is an affiliate of Navigator Energy Services (Navigator).
- ▶ Founded in 2012, Navigator is the largest private crude oil midstream provider in the Anadarko Basin. The company owns and operates approximately 500 miles of crude pipeline, over 1 million barrels of storage capacity, and has a delivery capacity of 450,000 barrels per day.
- ▶ Navigator has strong ties to the Texas and Oklahoma panhandles. The company's existing pipeline system transports a significant amount of crude oil produced in the same area where the Borger Express Pipeline is being planned, benefitting local royalty owners and their communities.
- ▶ Navigator has made a total investment in the Oklahoma and Texas Panhandle region of approximately \$600 million through the acquisition and expansion of midstream infrastructure vital to serving America's energy needs.

## NAVIGATOR ENERGY SERVICES

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