Expanding safe and reliable access to North American crude oil.



In response to market demand for increased pipeline capacity for transportation of North American crude oil, Enbridge Energy, Limited Partnership (Enbridge) is expanding its pipeline system in this area, generally along the existing pipeline routes we have operated in Illinois and Indiana for many years. The Line 78 Pipeline Project (Line 78) involves constructing approximately 79 miles of new crude oil pipeline from Illinois to Indiana.

Line 78 will begin at Enbridge's Flanagan Terminal near Pontiac, III., and travel northeast to Enbridge's Terminal near Griffith, Ind. The outside diameter of the pipeline will be 36 inches. This project will expand Enbridge's capacity to transport growing supplies of North American crude oil to refineries in the United States. Enbridge's extensive and expanding network of pipelines east of the greater Chicago area is connected directly or indirectly to refineries in northern Indiana, Michigan, Ohio, eastern Canada and Pennsylvania. The transportation demand from our customers for oil produced in these regions has exceeded the capacity of Enbridge's existing pipelines in the area.

From the Griffith Terminal, these supplies of crude oil will be further transported to regional refineries. Line 78 will allow the regional refineries more opportunities to process North American crude oil and reduce reliance on traditional supplies that are imported from outside of North America.

Route

The pipeline route will be adjacent and parallel to the existing Enbridge Line 62 for the majority of the route. Line 78 will cross six counties in two states (Livingston, Grundy, Kankakee, Will, and Cook Counties, Ill. and Lake County, Ind.), with the origination point at Enbridge's Flanagan Terminal near Pontiac, III. and terminating at Enbridge's Terminal near Griffith, Ind. In April 2014, the Illinois Commerce Commission (ICC) approved our application for a Certificate of Good Standing for the Line 78 Project. Enbridge spent most of 2014 analyzing the route alternatives by taking into consideration the environment, information obtained from talking with with landowners, elected officials and local communities and identifying the route that maximizes co-locating the pipeline with existing utility corridors.

Line 78 Pipeline Project -Pontiac, III. to Griffith, Ind.

Ownership: Enbridge Energy, Limited Partnership

Length: Approximately 79 miles

Pipe: 36-inch diameter

Initial Capacity: 570,000 bpd

Cost: The Line 78 Pipeline Project is an approximately \$495 million private investment

Construction: Right-of-way clearing began in February/March 2015 and construction of Line 78 began in the spring of 2015.

In-service date: Fall 2015



> Learn more about the Line 78 Pipeline Project

- Enbridge.com/Line78Project
- Toll-free phone number: (855) 714-8372
- Email: Line78Project@enbridge.com



Project Benefits

- New capital investment in America's energy infrastructure to help meet this and future generations' energy needs.
- Increased access to long-term, reliable and economical supplies of crude petroleum produced in North America.
- Increased pipeline capacity to transport crude petroleum produced in North America to U.S. refineries that are seeking access to the growing North American supplies in order to satisfy a larger portion of their crude supply needs, thus reducing reliance on imports from less stable areas of the world.
- Increased flexibility in the Midwest and beyond, benefiting regional refineries and consumers.
- Employment for professionals and new business for contractors hired to assist in the design, survey, environmental assessment and project planning processes. Employment for hundreds during the peak of construction, with many hired from local communities.
- Economic activity through the purchases of local products, services, lodging, food and supplies for pipeline professionals and contractor employees during construction.
- Long-term economic activity from ongoing pipeline operation.
- Optimizing use of an existing pipeline corridor and terminal facilities to provide additional energy capacity to the region.

Regulatory Oversight and Permitting

Interstate liquid petroleum pipelines are regulated by various federal and state laws and regulations.

Comprehensive national standards, federal laws and regulations have been developed over decades that prescribe the design, construction, operation and maintenance of liquid petroleum pipelines. The agency exclusively responsible for regulating interstate crude oil pipeline safety is the U.S. Department of Transportation's Pipeline and Hazardous Materials Safety Administration, as designated by the Pipeline Safety Act.

More information on pipeline operation and regulation is available at **www.pipeline101.org.**

Maintaining Safe, Reliable Pipelines

Enbridge builds safety into every step of pipeline construction and operations. Preventive measures are taken to promote the safe, reliable operation of our liquid petroleum pipelines and related facilities, including:

- Using high-quality steel and anti-corrosion coatings when constructing our pipelines;
- Installing cathodic protection (a low-level electrical charge) to inhibit corrosion;
- Testing new and existing pipelines in accordance with regulation;
- Regularly inspecting the inside and outside of the pipeline with sophisticated tools;
- Conducting preventive maintenance and inspection;
- 24-hour pipeline monitoring from Enbridge's control center, which has remote shutdown capabilities and can monitor pipeline pressures and conditions during operation;
- Clearly marking the location of the pipeline and participating in the national one-call program;
- Completing regular ground and aerial inspections of the right-of-way;
- Providing public awareness safety information to emergency responders, local public officials, excavators and those who live and work along our pipelines.