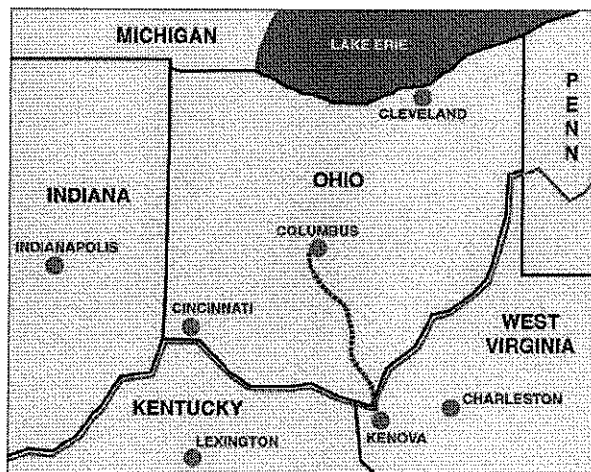


MARMAC Field Services, Inc.

Marathon Ashland Petroleum LLC



Cardinal Pipeline Project

MARMAC was selected as the project manager with overall responsibility for the engineering and design of Marathon Ashland's Ohio Pipeline project. The project involves the engineering and design of a 130-mile 12/14-inch products pipeline from Kenova, West Virginia to Columbus, Ohio. Included with the pipeline will be the engineering and design of the Kenova Originating Station in West Virginia and the Mid-Point Booster Pump Station near Wellston, Ohio.

In addition, modifications to four existing facilities along the pipeline's route will also be designed and engineered by MARMAC. These modifications will increase the existing capabilities of loading and shipping gasoline and distillate products from West Virginia to Columbus, Ohio.

MARMAC's land service responsibilities for the construction of the pipeline will include the negotiation and acquisition of personal easements from over 600 landowners and the acquisition of government permits from over 50 agencies. MARMAC will also perform environmental permitting, ownership identification and title research.

The scope of MARMAC's responsibilities include:

- **Project management**
 - **Route selection**
 - **Pipeline engineering and design**
 - **Land services**
 - **Pump station engineering and design**
 - **Environmental permitting**
 - **Terminal revamps and upgrades**
 - **Right-of-way acquisition**
 - **Procurement assistance**
-
-