



# Marathon Petroleum Site Development

## Kanawha Stone Company



### Industrial: Less than \$5 Million

Kanawha Stone Company provided site preparation services for a new facility for Marathon Petroleum's Catlettsburg, KY facility. The project entailed an approximately 30-acre site development for a new facility building at the refinery. The building was constructed in order to consolidate six locations within the plant, to one central location outside of the plant.

Crews provided more than 270,000 cubic yards of excavation, and were responsible for the installation of 3200 linear feet of water and 1800 linear feet

of sewer utilities in heavy traffic areas. During the project, 200 linear feet of ten-inch diameter bore casing was installed under US Route 23, a high traffic, four-lane highway. Directional boring technology was utilized to control depth, angle & location.



### Safety and Design

The project required blasting of rock for excavation. The blast locations were near heavy traffic along US Route 23. The site also situated along Interstate 64. Crews only had a one-hour window to set off a required blast, so planning around that blast in order to meet production needs required heavy planning and coordination.

The project schedule required fast track construction under good weather conditions, however, the primary time period for site development fell during the winter months and schedule adjustments were needed.

### Project Duration:

- Eight Months. Construction began in August of 2016 & was completed in April of 2017.

### Project Safety:

- Kanawha Stone Company recorded no safety related incidents during the project's duration.
- Kanawha Stone Company held weekly toolbox safety meetings.

**Contract Value: \$4,600,000**

### Project Features:

- 274,000 Cubic Yards of Excavation
- 23,000 Cubic Yards of Topsoil Removed
- 16,800 Tons of Stone Placed
- 5,200 Feet of Erosion & Sediment Control
- 1,619,984 Pounds of Reinforced Concrete Pipe Installed
- 3,200 Linear Feet of Ductile Iron Waterline Installed

### ABC Members Involved:

Terradon Corporation

