

Mariner East NEWS & VIEWS

A pipeline of information to keep you updated on developments across the project footprint | **SEPTEMBER 2018**

Valuing Safety Together

Each fall, the union construction industry gathers to honor the “best of the best” who have achieved zero injuries on their industrial construction and maintenance projects. Sunoco Pipeline, Nooter Construction and Philadelphia Building Trades have earned Zero Injury Safety Awards for their work on the Mariner East 2 project at the Marcus Hook Industrial Complex in Delaware County.



In 2017, union laborers worked an incredible 2,031,332 hours without an injury, demonstrating the tremendous training, attention to detail and dedication of the union men and women undertaking the development of the multibillion-dollar Mariner East 2 project.

The awards will be presented by the National Maintenance Agreements Policy Committee, who created the Zero Injury Safety Award program to recognize world-class safety as an integral component of the organization's priorities. ●

Voices of Mariner East 2

Meet Anthony Moss, vice president and business agent, Laborers' International Union of North America (LIUNA) Local 413, Chester.

Local 413, with the majority of its members living in Delaware and Chester counties, is at 100 percent employment during Mariner East construction; that has not happened in at least a decade.

The union members put in more than 1.5 million working hours on the project — that's the equivalent of more than 360 jobs a year for two years. Mariner East enabled Local 413 to bring in 300 new members. In fact, the apprentice classes normally attract about 30 people each year. The class expanded to 150 in 2016. ●



Informing Communities

In August, the annual Pennsylvania Pipeline Awareness and Emergency Response Training for emergency officials, public officials and excavators throughout Pennsylvania kicked off in Chester County.

It will conclude in October. Sunoco Pipeline sponsors these trainings, held by Paradigm Liaison Services, along with other pipeline operators in the state. These are in addition to Sunoco Pipeline's Mariner Emergency Responder Outreach (“MERO”) trainings that focus on responding to Liquefied Petroleum Gas (LPG) pipeline incidents.

Each local Paradigm meeting allows pipeline operators and emergency officials to exchange information regarding pipeline systems and emergency response capabilities and to discuss planning. The meetings are held statewide, including in counties along the Mariner East project footprint.

Upcoming meetings include:

- **Blair County: Jaffa Shrine Center** — Sept. 26th
- **Indiana County: Rustic Lodge** — Oct. 9th
- **Westmoreland County: Ramada Greensburg Hotel** — Oct. 16th
- **Allegheny County: DoubleTree Pittsburgh** — Oct. 17th
- **Washington County: DoubleTree Washington** — Oct. 18th

Sessions were held in August and September for emergency responders, public officials and excavators in Delaware, Chester, Berks, Lancaster, Dauphin, Cumberland, York, Perry, Juniata and Huntingdon counties.

More information can be found at: http://pa.pipeline-awareness.com/meeting_schedule. ●

Construction Updates: In Your Area

Sunoco Pipeline has segmented the construction of the 350-mile pipeline into seven sections from Ohio to southeastern Pennsylvania.

• Harrison, Jefferson and Brooke counties:

- Over 110 meetings attended with municipal leaders, including preconstruction meetings, project updates, on-site meetings and public meetings.
- The Independence Truck Intake Facility on Campground Road is complete, marking the end of heavy construction in this spread.
- Permitting-team members, adhering to the terms of road-use maintenance agreements, are refurbishing impacted roads in Ohio, West Virginia and Washington County.
- Environmental crews are nearing completion of the cleanup punch list.

• Washington, Allegheny and Westmoreland counties:

- More than 120 meetings with municipal leaders, including preconstruction meetings, project updates, on-site meetings and public meetings.
- Sunoco Pipeline is a sponsor of the Washington County Association of Township Officials Convention on Oct. 4th.
- Crews are working to complete the final three 20-inch flex bores in Spread 1. We appreciate the patience of township officials and residents while we are operating 24-hour workdays.
- The construction team has made progress on the Gombach Road Flex Bore in Penn Township.
- Crews are working to complete the Route 88 and Patterson Road Flex Bores in Union Township.
- Crews have completed the final three conventional open-cut crossings for the 20-inch pipeline.

• Indiana and Cambria counties:

- 94 meetings attended with municipal leaders, including preconstruction meetings, project updates, on-site meetings and public meetings.
- Sunoco Pipeline is a sponsor of the Veterans Community Initiative annual fundraising dinner on Oct. 8th in Cambria County.
- Sunoco Pipeline will be providing support to Jackson Elementary for the school's Inventionland STEM Curriculum.
- Crews are completing the three remaining 20-inch horizontal directional drills (HDDs) — all in Cambria County.

- More than 96 percent of the hydrotesting and inline inspections on the 20-inch line have been completed to ensure the strength and integrity of the installed pipeline. Testing and caliper runs will take place on completed sections of line and will continue through October.
- Crews are completing the remaining pipeline tie-ins on the 20-inch pipeline, which are more than 98 percent complete.

• Blair, Huntingdon, Juniata and Perry counties:

- Nearly 100 meetings attended with municipal leaders, including preconstruction meetings, project updates, on-site meetings and public meetings.
- Remaining construction activities in Spread 3 consist of pipeline tie-ins, restoration and installation and maintenance of erosion and sedimentation devices.
- Crews are completing the Aughwick Creek and Piney Creek HDDs.
- The HDDs for Everett Railroad and Frankstown Branch Juniata River have been completed.
- Weather permitting, restoration will continue where the 20- and 16-inch pipelines have been installed.

• Cumberland, York and Dauphin counties:

- More than 100 meetings attended with municipal leaders, including preconstruction meetings, project updates, on-site meetings and public meetings.
- Construction crews, drillers, inspectors, security and other support staff have worked more than 1.6 million hours in Spread 4 for the Mariner East 2 project.
- Crews continue to repair and replace erosion and sediment controls and take other environmental measures to stay ahead of the steady rainfall in September.
- Crews are completing the final two tie-ins for the 20-inch pipeline.
- Crews are completing the final HDD for the 20-inch pipeline in Middlesex Township.
- Crews have completed the final conventional open-cut installation of the pipeline in Spread 4.
- Mainline hydrotesting and inline inspection tool runs are 100 percent complete for the 20-inch pipeline to ensure the strength and integrity of the installed pipeline.

- All six of the block valve sites for the 20-inch pipeline in Spread 4 have been completed, and all four of the EFRD valve sites will be completed by the end of September.
- Permanent restoration and pipeline marker installation continue in areas where the 20-inch and 16-inch pipelines have been completed. More than 41 percent of the 52-mile spread has been permanently restored.

• Lebanon, Lancaster and Berks counties:

- 55 meetings held with municipal leaders, including preconstruction meetings, project updates, on-site meetings and public meetings.
- Steady progress continues to complete the remaining pipeline tie-ins, HDDs and restoration.
- Crews are completing the final HDD for the 20-inch pipeline, which is in Caernarvon Township.
- Hydrotesting and cleaning continue along the line.
- Two restoration crews are working to restore the right-of-way. Our Berks County crew is working on Diehl Road and Wyomissing Road.

• Chester and Delaware counties:

- More than 180 meetings with municipal leaders, including preconstruction meetings, project updates, on-site meetings and public meetings.
- Construction crews, drillers, inspectors, security and other support staff have worked more than 1.8 million hours in Chester and Delaware counties for the Mariner East 2 project.
- Crews continue to repair and replace erosion and sediment controls and take other environmental measures to stay ahead of the recent rainfall episodes.
- Crews are working on conventional open-cut installation of the 20- and 16-inch pipelines near Boot Road in East Goshen Township.
- Replacement and upgrades of the guide rails on Mount Alverno Road have been completed, and the road has returned to public use.
- Crews continue to work on one road bore section to install the 20-inch pipeline under the PA Turnpike in Upper Uwchlan Township.
- Permanent restoration and pipeline marker installation continue in areas where the 20-inch and 16-inch pipelines have been completed, including in Elverson borough and West Nantmeal, East Nantmeal and Wallace Townships. ●

