

H&K's Quarterly Newsletter

April - June 2023 | Issue No. 2

This quarter features H&K's Southeastern Region

Atlantic American Precast (AAP) Selected for Use on Emergency I-95 Bridge Closure Project

Atlantic American Precast (AAP) made recent headlines when their Gravix DOT Traffic Barrier Units were selected for use on PennDOT's I-95 Cottman Avenue Emergency Bridge Closure/Repair project. Given emergency closure of one of Pennsylvania's, and the nation's, major north-south interstate highway systems, immediate steps were taken by Pennsylvania Governor, Josh Shapiro, and PennDOT to establish a temporary reconstruction/reopening plan for the roadway. Working directly with PennDOT's design engineer, Benesch, and AAP's design/licensing partner, Earth Wall Products, Gravix® DOT Traffic Barrier Units were selected as the ideal precast safety barrier wall for the top of the reconstructed temporary roadway system.



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REGIONAL CONTRACTING SPOTLIGHT ©





O13 is a large part of the Ellis Preserve project. The O13 project involved excavating 26,533 CY down 24-feet deep with roads on 3 sides and a townhome development on one side. H&K's Structures Division assisted with 13,735 SF of SOE walls while Pottstown Division performed the excavation and wet utilities.





Riverfront at Royersford is an earthmoving project where we helped the client strip 3,124 CY of topsoil, import 15,869 CY of structural fill and re-spread 3,124 CY of topsoil. This great project was to help the client obtain final grading for their DEP permit next to the river.









H&K's Structures Division was selected to replace the existing dilapidated Boot Road Amtrak bridge over in Downingtown, PA, from PennDOT District 6-0 on June 21st. The existing 3-span bridge will be removed in two stages with one-way traffic throughout the construction process. This \$13.2M bridge replacement is a vital state route that carries motoring public over Amtrak's 62 trains per day traveling at 80mph. H&K plans to start construction of Stage 1 work in Fall of 2023.



H&K's Structures Division was contracted by Deblin, Inc. to install the temporary shoring and micropile foundation piles as part of the Turnpike Commission's reconstruction of the Indian Creek Road bridge in Emmaus, PA. Work started in late May as our crew installed temporary stageline shoring using soil nails and shotcrete for Indian Creek Road where one lane of alternating traffic must remain open on the bridge at all times over the Northeast Extension (I-476). In early July 2023, we will begin installing the first phase of 7" diameter micropiles at the bridge abutments and pier. Using our brand new Comacchio 8D micropile drill, we will be able to install all of the Stage 1 & 2 pier micropiles that are situated under the existing bridge. This will allow the contractor to complete construction of the new bridge pier in its entirety this year and cut time from the overall schedule. A total of 66 of the 100 micropiles will be installed this year, approximately 5,100 LF. The remaining micropiles will be installed in the Spring of 2024. In the event that any sinkholes should appear, we also have sinkhole remediation via compaction grouting included in our scope.



H&K's Structures Division partnered with Hazleton Division to reconstruct a vital stretch of SR443 in Lehighton. The majority of the \$22.5M project is roadway reconstruction with a new SR902 precast concrete beam bridge over the Little Lehigh River, removal of existing steel SR902 bridge, and superstructure steel beam replacement of the SR443 bridge over the Little Lehigh River.

The new SR902 bridge was completed in Spring of 2022, opened to full traffic in December of 2022. The SR443 bridge reconstruction started in December '22 with the first of three stages being completed and opened to traffic on June 20th. The Structures Division is back on site with the second stage of demolition underway with projected completion in Fall '23, with an immediate start of Stage 3 and a goal to be completed in Winter '24.



In July of 2022, H&K's Structures Division was contracted by PennDOT to design-build Country Club Road over US22 in Easton, PA. H&K worked with Borton Lawson Engineering Firm to create a competitive bid worth \$4.5M with our project team being heavily involved in the design process. Once awarded, H&K and the design team worked from July '22 through April '23, to get plans designed/approved along with utilities relocation. H&K was able to incorporate our strengths and ingenuity by creating a design plan utilizing a micro-pile foundation, optimizing the configuration of beams and location of abutments. H&K broke ground in late March with the existing bridge structure being removed the first week of April. The subsurface foundation of micro-piles started in May with over 1,800 feet of the 2,800 feet of subsurface drilling completed. The first pour occurred with concrete the abutment 1 footer on June 22nd. The current completion date is November '24, however the project is currently ahead of schedule due to alteration of the proposed MPT plans, to open Stage 3 center pier work while still working Stage 2 abutments. The Structures Division is targeting bridge completion in late Fall of '23, with roadway work to be completed in Spring of '24.

Click Here to Explore H&K's Heavy Civil Services

REGIONAL MATERIALS SPOTLIGHT



H&K's Birdsboro Quarry has been a leading producer of high-quality construction aggregate since 2000. Considered one of H&K's largest operations, its deep mining history dates back to the 1920s. Under H&K ownership, Birdsboro has become a model for modern aggregate production operations. The Birdsboro Quarry facility goes beyond traditional road delivery with its state-of-the-art railroad loadout system, rail yard, and private rail line connected to the main rail line north of Birdsboro, PA. This enables us to competitively transport bulk crushed stone to various stone depots and locations across the Mid-Atlantic region.





Established in 2004, H&K's Dagsboro Stone Depot is located in Dagsboro, DE, serving southern Delaware and eastern Maryland with high-quality aggregate. All aggregate products are efficiently imported via rail service from H&K's Birdsboro Quarry in Berks County, PA. Adjacent to the depot is River Asphalt, LLC – Dagsboro, a partnership with renowned Delmarva contractor George & Lynch, Inc. Since 2005, River Asphalt has been producing a wide range of asphalt mixes, including those compliant Delaware Department with of Transportation (DelDOT) and Maryland State Highway Administration (MDSHA) specifications, as well as SUPERPAVE mixes and customized designs.





With a rich mining legacy dating back to the 1930s, H&K's Douglassville Quarry stands as a prime source of construction aggregate. Acquired in 1995, this location reliably serves southern Berks, Montgomery, and Chester County, PA with top-tier aggregate products and materials delivery. Notably, Douglassville Quarry offers convenient rail access for efficient bulk material supply and transportation.



Click Here to Find H&K's Facility Locations





H&K recently took ownership of our new 10' road widener, also know as a shoulder machine. The new 2022 Midland SPD-10 was delivered on June 20, 2023, and was prepped and lettered for immediate use. A road widener is a machine that can accept dirt, aggregate, or asphalt in a beltdriven hopper that distributes the material to the left or right side of the machine, where a hydraulic extendible blade can spread, grade, and slope the material. This machine can be used for shoulder repair, road widening, 12" below grade trench filling, or above grade in creation of roadways or shoulders. H&K currently has three 8' road wideners in service out of our Pocono Lake, Pottstown, and Pikes Creek Divisions. This new 10' machine boasts a 100hp John Deere Tier 4 engine (20hp more than our current 8' models) and weighs in at 25,500lbs (6,240lbs greater than our 8' models). The added weight and horsepower offer greater control and power to complete jobs more efficiently with better accuracy. The new machine will be labeled SM100001 and operate out of Pikes Creek Division. SM100001's first job will be the P3 project in Great Bend, PA.



H&K Ranks 24th Among Nation's Top 100 Crushed Stone Producers!

The U.S. Geological Survey (USGS) has just released its list of the "Top 100 Producers of Crushed Stone in the United States," and Skippack, PA based H&K Group, Inc. (H&K) is ranked 24th!

This information was just released by USGS Commodity Specialist, Jason Christopher Willett, and lists the leading U.S. construction materials/crushed stone producing companies in descending order of tonnage output for the year 2021. To see just how H&K stacked up against the other leading crushed stone producers in the U.S., go to USGS Releases Top 100 Crushed Stone Producers List - Rock Products Magazine.

We wish to congratulate the entire H&K Materials Division Team, and everyone at H&K who provided key support in supplying the Mid-Atlantic Region with vital H&K crushed stone products!





Calendar of Events

Stay connected with the H&K's Team! Come visit us or register at any of our upcoming events that we'll be hosting or presenting at.

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8/29 - CWEA - Tri-Con
Assoc. Conference
(Ocean City, MD; 29th -
1st)

9/15 - EPWPCOA Show -
Plant Tour (Easton, PA)
9/23 - H&K's Golf Open
9/30 - WEFTEC
Conference (Chicago, IL;
30th - 4th)



Products



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<u>Services</u>











Careers