URBAN ENGINEERS
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Urban Engineers, Inc. is a multidisciplinary planning, design, environmental and construction support services consulting firm headquartered in Philadelphia, PA. Construction support services provided by the firm include both construction management and construction inspection of a wide variety of projects including facilities, public transportation, railroads, airports, energy and utilities, roadways and bridges.

Construction projects of any type require flexibility and quick responses. Construction support services offered by Urban include problem solving and integrating a proactive team approach while at the same time focusing on cost, time and quality of work performed. Open communication by all parties and stakeholders on the project is paramount.

Rock Hill Concrete, located in the Lehigh Valley and surrounding area, is a concrete supplier who has demonstrated professionalism, attention to detail and material ingenuity having worked in close coordination with Urban Engineers, Inc. on several projects including:

- ***Contract 99-013-RCFU-C: PA Turnpike Commission Replacement of Lehigh River and Pohopoco Creek Bridges, Parryville, PA (January 2009 – December 2012)***. Rock Hill developed and supplied White Class AA mix for Bridge Parapets to meet strict slump requirements for slip-forming parapet and achieving required reflectivity as required by specification. Also developed a Class AAA Modified mix used in construction of massive caisson foundations (both dry and wet conditions) and up to 11'-6" in diameter where a workable, flowable mix was required to ensure proper consolidation around multiple bundled #18 bars and subject to non-destructive, cross-hole sonic log testing.

- ***ECMS 11080: McCall Bridge Rehabilitation Project, Lehighton, PA (November 2013 – May 2015).*** Contract required half-width, phased rehabilitation of a 16-span multi-type steel bridge structure. Rock Hill developed and provided a Class AAA mix design utilizing #8 stone coarse aggregate that was able to be efficiently pumped, critical due to the limited access to the existing substructure. The mix also provided early strengths to meet load requirements for transferring loads to new bearing pedestals which assisted in keeping the project on an extremely tight schedule.

- ***ECMS 11565: Tilghman Street Bridge Rehabilitation Project, Allentown, PA (December 2017 – Present).*** Contract required phased re-construction of a 12-span, concrete open spandrel arch bridge. Rock Hill developed and provided a high strength, Class AAA mix again utilizing #8 stone which was utilized for concrete substructure repairs. In addition, mix designs with liquid color additives were developed in accordance with project specific requirements and used for certain elements to achieve and preserve the historical aesthetics of the bridge structure.

While each of the aforementioned projects presented a unique set of concrete material challenges, Rock Hill Concrete not only met but exceeded expectations on each project. Concrete material, produced for project specific needs and applications, was delivered reliably and in consistent fashion for each and every placement.