

PROJECT PROFILE



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Project

SR 422 Section M2C ECMS 84308
422 Expressway Reconstruction

Location

Stowe, Pennsylvania
Montgomery County

H&K Company

H&K Group, Inc., Skippack, PA

Client

Commonwealth of Pennsylvania –
Department of Transportation

Project Info

The project is 2.39 Miles of multi-stage heavy civil highway construction including realignment and widening, safety improvements, a single span bridge replacement, a three stage box culvert, stream restoration, wetland mitigation expansion, and restoration of river floodplain along the Schuylkill River. The existing concrete with asphalt overlay roadway and Stowe interchange is replaced with 82,172 SY of Long-Life Concrete Pave (LLCP) provided by an H&K Group/Rahns Concrete Mobile Plant.

Project Highlights

- SR 422 M2C is the first PennDOT project bid for full construction utilizing the new Long Life Concrete Pavement specification.
- Contaminated and hazardous unexpected regulated fill and waste disposal was a significant performance factor. The H&K Group developed a site specific work plan to pinpoint contamination in situ to limit the extent of testing and offsite disposal, by avoiding comingled materials.
- During the continuous inclement rain events of the 2018 construction season, The H&K Group provided 137,181 cyds of foreign borrow import, inclusive of quarry rock and production aggregate, in order to complete rephased project fills to progress an on time overall project completion.
- The project afforded the decommission of existing SR 422 along an area of the native floodplain of the Schuylkill River.