



PERMANENT RETAINING WALLS | TIEBACKS | SECANT PILES

I-495 HOT LANES - WASHINGTON D.C.

Schnabel was hired to design and install permanent walls along a fourteen mile stretch of the I-495 as part of a public/private partnership (P3) to widen the highway and reduce congestion. Schnabel constructed seven tieback walls, twenty two cantilever walls, and one secant pile wall. Seventeen of the walls also had sound barriers above the retaining walls. The walls were constructed by installing galvanized piles into pre-drilled holes and back-filling the holes with concrete. Timber lagging was then placed between the piles to retain the earth as the walls were excavated. Precast panels were placed in front of the lagging as a permanent facing. Placement of the precast panels was done by both Schnabel and other Contractors.

Owner: **Virginia Department of Transportation**
General Contractor: **Flour Lane Construction**
Design/Build Specialty Contractor:
Schnabel Geotechnical Design & Construction



For more information on this project or any other of our projects please contact Schnabel at:

(703) 742-0020 or visit our website at www.schnabel.com



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