

Road Sub Base

Interstate 294 at Golf Road, Chicago, IL
Illinois State Toll Highway Authority
1998

Density: 30 pcf to 40 pcf

Volume: 12,500 cy

For the ongoing widening program of the Illinois Tollway system and the addition and upgrading of access ramps at Golf Road the underlying soils were very poor and could not support the burden of the proposed toll booths. Designers chose the placement of a 30 pcf and 40 pcf PROVOTON foam concrete to support the new access facilities. The area was 750' long, and average of 45' wide, and depth ranged from 4' to 15' deep. Most of the material that was placed was a 30 pcf foam concrete with a layer of 40 pcf 2' thick to cap the 30 pcf material. A total of 12,500 cy of foam concrete was placed.

