TRIAD
ENGINEERING & CONTRACTING

Tunnels and Shafts

Triad has been in the tunnel and shaft business since the company's inception in 1987 and has more than 25 years experience. We have constructed tunnels with diameters that range from 6 feet to 14 feet, including horseshoe shapes.

Our excavations have been in all types of ground conditions from running sand to hard rock. We have the ability to excavate tunnels by the use of tunnel boring machines, and also by hand when necessary. Our tunnel installation ranges from short road crossings to tunnels up to three miles long. Shaft excavations and installations are necessary to excavate a tunnel.

Most tunnels require an access shaft, which will vary in shape, diameter and depth. Triad has installed both round and rectangular shafts up to 150 feet deep in varying geologic conditions. The shaft walls are protected by various means such as driven sheeting, liner plates, ribs with lagging and poured-in-place concrete, all of which Triad has performed on projects.

Tunnel and shaft construction is Triad Engineering's specialty. We have the knowledge, experience and engineering skills to solve your tunnel and shaft challenges.

www.triad-engineering.com
7575 Northfield Road ▪ Walton Hills, Ohio 44146 ▪ Office: 440.786.1000 ▪ Fax: 440.786.1133