



EXPERTS | 2013

HNTB expert:
Nasri Munfah, PE
Senior Vice President
Chairman HNTB Tunnel Services
HNTB Corporation

Tunnels are important elements of our nation's aging infrastructure. They can be the preferred solutions to otherwise unfeasible transportation dilemmas, providing critical multimodal linkage and access routes. For insights into the state of America's tunnels, the latest design innovations and trends, and how technology is changing planning and construction, turn to the experts at HNTB Corporation.

Nasri Munfah, a senior vice president and chairman of HNTB tunnel services, has worked nationally and internationally on some of the most complex tunnel projects and serves as a focal point and HNTB's client advisers across the country.

Munfah brings more than 30 years of experience in all phases of national and international transportation, transit and complex underground engineering projects, including the:

- Istanbul Strait Road Crossing Tunnel in Turkey
- Central Subway Program in San Francisco
- Trans-Hudson Express in New Jersey/New York
- East Side Access Program in New York
- Amtrak North Access Tunnel (Empire Connection) in New York
- Great Belt Tunnel in Denmark
- Windsor GreenLink in Ontario, Canada
- 63rd Street Connector in New York

- Messina Strait Crossing, Italy
- Brooklyn Battery Tunnel Rehabilitation project in New York
- Sir Adam Beck Tunnel, Niagara Falls, Canada
- Hudson-Bergen LRT Weehawken tunnel and Bergenline Avenue Station, New Jersey

He has extensive experience in project management, engineering management and construction management of multidisciplinary national and international tunneling and underground projects, and has been responsible for managing all phases of many multi-billion-dollar transportation projects from feasibility to final design and construction.

Munfah also serves as an adjunct professor for Columbia University's civil engineering department in New York City, where he teaches a graduate level course on the design and construction of tunnels and underground structures. He is also the main investigator and author of FHWA Tunnel Design Manual, the first comprehensive Manual in the United States on this subject.

Munfah can discuss tunnel design and construction, including:

- Choosing the proper method for tunnel construction
- Design and construction techniques of tunnels and underground facilities
- Utilization of the state-of-the art methods, equipment, and approaches for tunnel construction
- Assessment of tunnel construction risks and implementation of project specific risk management plans
- Government and industry regulations and standard practices related to risk
- Ingredients for a successful, proactive risk management approach

Education:

- Master of Science in structures, 1976, Michigan State University
- Bachelor of Science in civil engineering, 1975, University of Aleppo, Syria

Professional affiliations:

- Executive Committee member – American Underground Association
- Member – Transportation Research Board Committee AFF60, Tunnels and Underground Structures
- Member – American Society of Civil Engineers
- Member – International Tunneling Association
- Member – ITA's Conventional Tunneling Working Group
- Chair – ITA's Contractual and Risk Issues for Conventional Tunneling working group

Awards and recognition:

- Gold Award for Engineering Excellence, NY American Council of Engineering Companies, East River Ventilation Shafts Project, 2011
- Silver Award for Engineering Excellence, NY American Council of Engineering Companies, FHWA Tunnel Design Manual
- Grand Conceptor Award, ACEC, 63rd Street Connection Project, 2001
- Gold Award for Engineering Excellence in Transportation and Mega Projects Category, NY ACEC, Rehabilitation of the Brooklyn Battery Tunnel, 1998
- First Prize Award for Engineering Excellence, Amtrak North Access Tunnel Project, 1991

Munfah has chaired many conference sessions and made numerous on the design and construction of tunnels at national and international tunneling conferences. He has authored over 40 national and global published works in various venues.

To schedule an interview with Nasri Munfah, PE and for more information, contact:

MEDIA CONTACT

Brian Cox
Senior Public Relations Manager
(816) 527-2056
brcox@hntb.com

ALTERNATE MEDIA CONTACT

Lydia Steinberg
Director External Communications
(816) 527-2324
ldsteinberg@hntb.com