



Description:

The RISAFoundation Slab Design Course is 1.5 hours of hands-on, on-demand training that focuses on the analysis and design of mat slabs. The instructor will discuss slab geometry tools such as thickened regions, openings, and analysis offsets as well as how RISAFoundation handles the automatic generation of finite element plates. Additional tips and tricks will be provided for applying design strip widths and analyzing design cuts. The course is aimed at users who are familiar with the RISAFoundation and are interested in diving deeper into the specifics of mat slab design.

Learning Type: Virtual (On-Demand)

Price: \$125

Topics Covered:

Slab Modeling

- Thickened Regions
- Openings
- Analysis Offsets

Finite Element Analysis

- Model settings (mesh size, coefficient of friction, properties)
- Viewing generated mesh
- How do these settings affect the model?

Results

- Soil pressure
- Contours vs. spreadsheets
- Stability checks

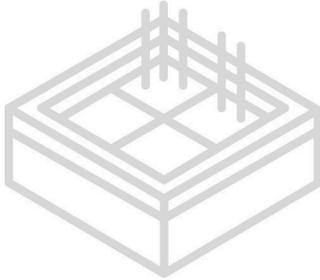
Design Strips

- Setting up strip definitions
- Good vs. bad strip setups
- Dealing with openings
- Approximating one-way action
- Manual design cuts

Benefits of Attending:

- Self-Paced, On-Demand Learning
- Learn Best Practices
- Interpret Results Faster
- Discover Time-Saving Tools

What You Will Learn



Modeling Slabs



Finite Element Analysis



Review & Interpret Results



Design Strip Tools