Assignment 8

The data for this assignment has been provided. For your course, you can submit this assignment.

Week 1 - Week 5

- Spread Findings
- File
- Ruff

Week 6 - Week 7

- Which of the following are correct statements?
- Surface breaking takes place in cases of risk of failure due to tension.
- General shear failure occurs in cases of dense sands.
- Rupture surface is not well defined in cases of local shear failure.
- The surface failure occurs in the case of extremely soft soils.

Week 8

- According to Bishop and Luco (1971) which of the following is correct?
- Resistance to shear failure from single layer of reinforcement is considered in derivation.
- Rupture surface passes through the points of maximum shear stress.
- Vertical and horizontal spacing of reinforcement layers.
- All of the above

Week 9

- The number of total layer.

Week 10

- According to Bishop and Luco (1971), which of the following is correct?
- Resistance from single layer of reinforcement is considered in derivation.
- Rupture surface passes through the points of maximum shear stress.
- Vertical and horizontal spacing of reinforcement layers.
- All of the above

Week 11

- What is the mode of failure in the larger number of reinforcement layers?
- Tension failure
- Shear failure
- Rupture failure
- Both tension and shear failure

Week 12

- The number of layers of reinforcement.

Week 13

- Which of the following are statements for the safety of 3?
- 25.0 ksi
- 50.0 ksi
- 225.0 ksi
- 350.0 ksi

Week 14

- Which of the following are statements for the safety of 3?
- 25.0 ksi
- 50.0 ksi
- 225.0 ksi
- 350.0 ksi

Week 15

- What is the allowable bearing pressure on the soil? (lb/ft²)
- 208.5 lbs
- 350.0 lbs
- 225.0 lbs
- 350.0 lbs

Week 16

- Which of the following are statements for the ratio of 3?
- 1.00
- 1.25
- 1.50
- 2.00

Week 17

- Which of the following are statements for the ratio of 3?
- 1.00
- 1.25
- 1.50
- 2.00

Week 18

- Which of the following are statements for the ratio of 3?
- 1.00
- 1.25
- 1.50
- 2.00