

## **Civil PE Diagnostic Quiz (1571-9202)**

### **Transportation Engineering section**

ID 204428

In the solution, numerator of second equation, change this:

(12)(55)

to this:

(12)(40)

### **Geotechnical Engineering section**

ID: 204446

Change the correct answer choice to **c.** (48 kN/m) instead of d. (58 kN/m)

In the solution, change first line from this:

The answer is 58 kN/m.

to this

The answer is 48 kN/m.

### **Construction Engineering section**

ID: 210030

Change the correct answer choice to **c.** (17 hours) instead of b. (15.5 hours)

**In solution:**

Change this:

(compacted)

to this:

(bank)

Change this:

$$1280 \text{ cm} \times 1.30 = 1664 \text{ cm}$$

to this:

$$1280 \text{ cm} \times 1.43 = 1830.4 \text{ cm}$$

Change this:

$$1664 \text{ cm}/(108 \text{ cm/hr}) = 15.41 \text{ hrs.}$$

to this:

$$1830.4 \text{ cm}/(108 \text{ cm/hr}) = 16.95 \text{ hrs.}$$