

ERRATA for
FE Civil Practice Exam
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Revisions are shown in red.

Question 8, p. 11:

The options should read as follows:

- A. (19.5%, 26.9%)
- B. (20.3%, 26.1%)
- C. (20.6%, 25.8%)
- D. (20.9%, 25.5%)

Question 95, p. 55:

The options should read as follows:

- A. behind schedule with a cost savings
- B. ahead of schedule with a cost savings
- C. behind schedule with a cost overrun
- D. ahead of schedule with a cost **overrun**

Solutions Table, p. 60:

8: The correct answer is B.

78: The correct answer is B.

91: The correct answers are A, B, C.

Solution 8, p. 63:

Refer to the t-Distribution section in the Engineering Probability and Statistics chapter of the *FE Reference Handbook*.

For a 99% confidence interval, $\alpha = 0.01 \rightarrow \alpha/2 = 0.005$.

Use Student's t-distribution with $\nu = 3$. Refer to the table, where $t_{0.005,3} = 5.841$.

Confidence interval = $23.2\% \pm [5.841 \times (1/2)] = 23.2\% \pm 2.921\% = (20.3\%, 26.1\%)$

THE CORRECT ANSWER IS: B

Solution 91, p. 103

Option A: **True**. A 75-mph free-flow speed freeway has a breakpoint of 1,000 pc/h/ln, while a 55-mph freeway has a breakpoint of 1,800 pc/h/ln. The breakpoint is defined by the *Highway Capacity Manual* as the volume for which the operating speeds becomes lower than the free-flow speed.

THE CORRECT ANSWERS ARE: A, B, C