Revisions are shown in red.

Solution 21, p. 40:

Calculate distances between stations.

$$157+34.55$$
$$\underline{-134+42.90}$$
$$2{,}291.65$$

Calculate elevation change over distance using grade.
$$2{,}291.65 \times 0.0218 = 49.958$$

Calculate elevation at station.

$$432.76$$
$$\underline{-\ 49.958}$$
$$382.802$$

THE CORRECT ANSWER IS: 382.80