



# test yourself

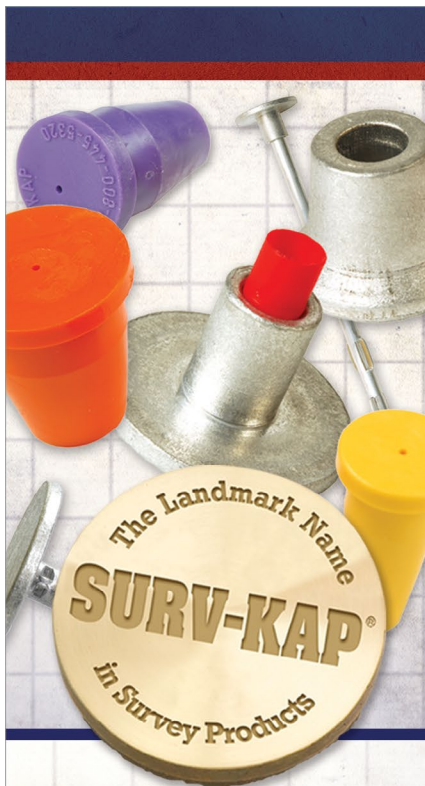
## Replace the Reverse Curve

**F** The surveyor is asked to realign the dangerous reverse curve system shown. The PI locations and the tangent directions are to remain fixed.

The reverse curves are to be replaced by two circular curves with the same radii. And, the two curves must be separated by a distance of 100.00 feet. (That is the distance from PT1 to PC2 is to be 100.00 feet.) Compute the radii of the replacement curves. ■

For the solution to this problem (and much more), please visit our website at: [www.amerisurv.com](http://www.amerisurv.com). Good luck!

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