

Clarifications & Additions

July 2005

It is unusual for an author to send a letter to the editor regarding his own article (July, "Keep Your Strands Dry"), but because of logistical problems on my part, my listed co-author, Morris Schupack, was not involved in the drafting of the article and was only given a copy of the ready-to-publish article too late to review and comment before the publication deadline. As a result of this, he had no direct input and should not have been cited as co-author.

Please note some clarifications and additional points that should have been included. Firstly, the impression that corrosion of older unbonded post-tensioning systems only occurs at the anchorages is not quite true. Older PT systems had missing or inadequate grease filling of the sheathing along the length of the strand, which could also cause corrosion away from the anchors, if the sheathing was compromised and, even if the strands were installed correctly, corrosion could occur if water entered the sheathing due to improper pre-construction handling and storage in combination with the low quality grease or poor anchorage protection. Also, the long-term performance of the older post-tensioning systems is closer to "good", not "very good" as stated.

Secondly, with regards to the current encapsulated post-tensioning systems, they must be installed properly for them to be effective. Also, the statement, "standard monostrand post-tensioning system" in the "Monostrand Systems and Performance" section references present-day non-encapsulated systems.

Lastly, in the "Lessons Learned" section, the engineer of record for the referenced project was, in fact, contracted to observe and did observe some of the post-tensioning installation; however, he did not observe the entire structure, including the cutting of the strands or the finishing of the anchorage pockets. Also, we mentioned that the testing company had a person familiar with post-tensioning; however in hindsight, the testing company did not appear to have anyone with post-tensioning installation experience.

I apologize for any confusion this may have caused. ■

Gerard C. Feldmann, P.E.

The July article *Keep Your Strands Dry* was not written or reviewed by M. Schupack prior to publication. I disagree with many items in the article. Please remove my name as co-author on the web posting of this article, and any other places showing me as co-author. ■

Morris Schupack, P.E.

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