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Unbonded Post-tensioned Steel Anchor Rods For Sign Structures

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Abstract

The goal of this project is to examine unbonded post-tensioned anchorage systems to address the problem of fatigue cracking in anchor rods in sign structures. Both traditional embedded anchor rod systems and post-tensioned anchorage systems will be designed and tested to evaluate the improved fatigue resistance expected with post-tensioned systems as compared to traditional systems.