- Amir F. Momeni, **Robert J. Peterman, B.** Terry Beck. "A Prediction Model for Development Length of
  - Indented Prestressing Wires," American Concrete Institute (ACI) Structural Journal; Volume 115, Issue 2, pp 525-534, March.
- Yu-Szu Chen, Hayder A. Rasheed, **Robert J. Peterman**. "Stress-Strain Curves for Modeling Prestressing
  - Wires," American Concrete Institute (ACI) Materials Journal; Volume 115, Issue 5, pp 773-784, September.
- Adrijana Savic, B. Terry Beck, Aaron A. Robertson, **Robert J. Peterman**, Jeremiah Clark, Chih-Hang (John)
- Wu. "Effects of Cover, Compressive Strength, and Wire Type on Bond Performance in Prismatic Prestressed Concrete Members;" Paper Number JRC2018-6153, Proceedings of the 2018 ASME Joint Rail Conference, April 18-20, 2018, Pittsburgh, PA.
- James D. Scott, Robert J. Peterman, B. Terry Beck, Aaron A. Robertson, Chih-Hang John Wu, Kyle A.
  - Riding. "Determining the Remaining Prestress Force in A Prestressed Concrete Railroad Tie Through Loading in Direct Tension" JRC2018-6168, Proceedings of the 2018 ASME Joint Rail Conference (JRC 2018), April 18-20, 2018, Pittsburgh, PA.
- Aref Shafiei Dastgerdi, Kyle A. Riding, Robert J. Peterman, B. Terry Beck. "Material Characteristics Evaluation of Existing Pre-Stressed Concrete Railroad Ties After Service Period" JRC2018-6168, Proceedings of the 2018 ASME Joint Rail Conference (JRC 2018), April 18-20, 2018, Pittsburgh, PA.