

2013 Proceedings

Scottsdale, AZ

- Adaptation of PTI Method for Slabs-on-Ground Foundation in Brazilian Condition,
 Fabio Albino de Souza
- Design of Slabs-On-Ground New Standard & Certifications, Ryne Stoker
- Recent Developments of PT Research in Korea, Thomas Kang, Yongnam Kim, and JK
 Yoon
- Challenges of Post-Tensioning Design in the International Market, Florian Aalami and
 Spencer R. Lee
- Corner Connections in PT Flat Plate Buildings, Thomas Kang
- <u>Diversion of Prestress Effects in Strength Design of Post-Tensioned Structures</u>,
 <u>Jonathan Hirsch</u>
- Post-Tensioning Projects in the Middle East and Gulf Regions, Ziad Nasser –
 Presentation Not Available
- Repairs to Parking Ramp Structures with Corroded Button-Head Systems, Gabriel A.
 Jimenez Presentation Not Available
- Replacement of Post-Tensioned Strands from Below-Grade Structures (Part 1, Part 2),
 Richard Mitchell Presentation Not Available
- Strengthening of Large Storage Tank Foundation Walls in an Aggressive Environment
 by External Post-Tensioning, Dominique Deschamps
- External Post-Tensioning Repair of a Parking Structure with Limited Access, Kyle
 Stanish and Daniel E. Moser



- External PT Splices for Tank Modifications, Hume Ross
- High Capacity PT Rock Anchors Implementation of a Quality Assurance Program,
 Julio Diamante
- Infrastructure and Unbonded Post-Tensioning, Neel Khosa
- External Post-Tensioning of Existing Steel Bridges, Clyde Ellis
- Innovations in Bridge Superstructure Condition Assessment with Sonic and Radar
 Methods, Larry D. Olson and Patrick Miller
- Corrosion Mitigation Options for Post-Tensioned Structures (Part 1, Part 2), Garth Fallis
 Presentation Not Available
- Fracture Projection for Corroding Post-Tensioned Wire and Strand, William H. Hartt
- Structural Health Monitoring and Testing for Wire Breaks and Corrosion in PT Tendons and Cabled Bridges, Terry Tamutus
- Post-Tensioning Systems Protection Level 2, Jacob Myer
- Precast Post-Tensioned Pavement PT Details, Michael Schwager Presentation Not Available
- Construction of the Simcoe Street Tunnel, Toronto, Ontario, Canada, Roger Fren and
 Edward Li
- Cast-in-Place Segmental Bridge Construction "Rising to Great Heights", Robert Bennett
 and Timothy Barry
- Segmental Cable-Stayed Construction in an Aggressive Environment, (presentation not available) Drew Micklus – Presentation Not Available



- Challenges in Constructing the Harbor Drive Pedestrian Bridge, San Diego, CA, USA,
 Khaled Shawwaf and Bryan Lampe
- Significant Bridges in Mexico, Jose-Luis Quintana
- State-of-the-Art Saddle Technology for Cable-Stayed Bridges, Drew Micklus –
 Presentation Not Available
- Developments in Repair and Retrofit of PT Structures, Garth Fallis
- Government/Industry Partnership, Brian D. Merrill
- Technical Initiatives in PT Buildings, Cary Kopczynski
- 2013 PTI Convention, Marc Khoury PTI President