Carbon Fiber & Kevlar Repairs for Bridges
Friday, July 26, 2019
10:00 AM – 2:30 PM
Virginia Transportation Research Council

AGENDA

10:00 – 10:10 Opening Comments and Introductions (Jeff Milton & Marc Stecker)

10:10 – 10:30 Self-Introductions (include experience with Carbon Fiber and Kevlar repairs) (All attendees)

10:30 – 11:45 Overview of Carbon Fiber and Kevlar Repair Products with Case Studies
(Todd Jackson – Fortec Stabilization)

11:45 – 12:00 Break to get box lunches

12:00 – 12:30 (working lunch) Installation Techniques for Bridge Repairs and Strengthenings
(Todd Jackson – Fortec Stabilization)

12:30 – 1:00 Design of Bridge Repairs such as Column wrapping, Prestressed Girder Flanges and Webs, Concrete T-beams (Rick Prince – Fortec Stabilization)

1:00 – 2:00 Design of Strengthenings for Steel and Concrete Bridge Beams for Increased Live Loads
(Rick Prince – Fortec Stabilization)

2:00 – 2:15 Review of VDOT 2016 Road and Bridge Specifications Section 412.03(s):
Procedures - Fiber Reinforced Polymer System (Jeff Milton)

2:15 – 2:30 Final Questions