

August 11, 2014

Jennifer M.V. Fitch, P.E.
Project Manager
Vermont Agency of Transportation
1 National Life Drive
Montpelier, VT 05633

Project Name: Brookfield BRF FLBR(2)
Structure Identification: VT 65 Bridge #2 over Sunset Lake

RE: Item 900.645, "Special Provision (Fiber Reinforced Polymer pontoons)"
NCR 3 - Pontoon 2 Dry Spot near Transverse Rod Hole

Ms. Fitch –

During inspection of Pontoon 2, a dry spot was discovered near one of the transverse rod insert locations on the exterior of the raft. The dry spot is approximately 5.5 inches long and approximately 1.5" wide at its widest location (based on a photograph within Kenway's documentation).

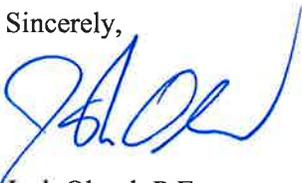
T.Y. Lin International has reviewed Kenway's documentation dated August 5, 2014 and finds the repair solution to be acceptable based on the following:

- The dry spot is predominantly limited to the exterior fabric surface which is non-structural;
- The dry spot will be located between a blister and interior transverse stiffener and therefore protected from the environment and under constant compression.

As part of the post process inspection, and in addition to visual observation, it is recommended that the member be checked using an ultrasonic testing (UT) device to ensure the plate is fully wetted.

Please feel free to contact me with any additional questions or clarifications.

Sincerely,



Josh Olund, P.E.
Design Engineer

cc: Resident Engineer – Sandra Schmitt
 File

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