

QUESTION AND ANSWERS IV FOR:

17-34 RFB for Tubular Steel Structures, Dickerson Avenue to

Frog Level Road, 06.21.17 at 2:00 PM

- 1) Section 5.1.13.2 gives a point of fixity of 7% of pole length from the bottom. I assume this would not apply to the LD poles with slip-jointed caissons on TMF-VPB? With the non-tapered section, a very low point of fixity could potentially overdesign the structure.

This is RUS' recommendation for poles, not sure how that would change for a caisson. I will check with Engin.

Booth has designed the caisson section of the VPB and specified the length (21'-0" or 25'-0"), the diameter (3'-0") and minimum plate thickness (0.375"). As long as they meet these minimums the caisson will be sufficient.