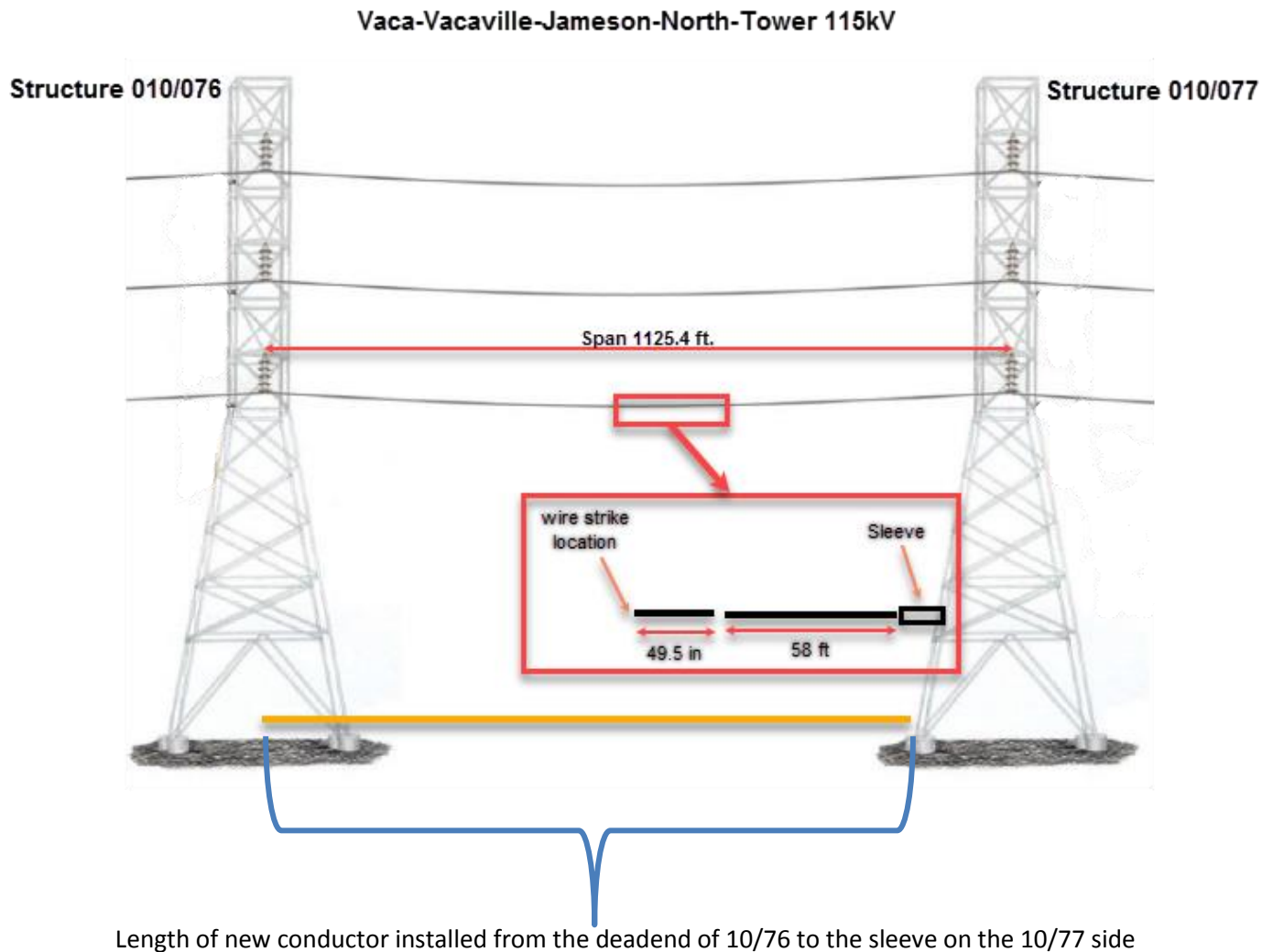


Vaca-Vacaville-Jameson-North-Tower 115kv Wire Strike Analysis

6/22/2020

The sketch below was created to support the additional analysis to determine the location of the conductor separation from field measurements and engineering modeling. Both ends of the damaged conductor were measured after being cut from each end of the downed conductor. Additional measurements were made from this cut to the next cut where the new conductor would be spliced to the remaining conductor.

Only the dimensions of the cuts on the side of structure 010/077 were required as a field decision was made during the repair to replace the entire length from structure 010/076 to ensure that only a single splice would be in that span.



Questions for PG&E Electric Transmission Engineering:

1. Using the dimensions above, need to determine where along the span of the bottom phase did the wire strike occur.
2. Using that location, need to determine the height above ground of the conductor was at the wire strike location
3. Need to determine the approximate separation between all phases

