

## **CFLHD CENTERLINE STAKING STANDARDS AND SPECIFICATIONS**

- I** Check existing control:
  - (a) Perform observations of existing CFLHD control monuments and compare the results to the PS&E Survey Control Sheet;
  - (b) Analyze the data to determine if the control meets CFLHD standards and;
  - (c) Notify the Survey Manager if the control fails to meet CFLHD standards.
  
- II** Set centerline points as indicated in Scope of Work, according to the following:
  - (a) Points that fall within the existing pavement surface shall be marked with a 12d light boat nail (or equivalent) with 1" square, high visibility orange, reinforced nylon flagging and white painted circle with station;
  - (b) Points that fall within the gravel or dirt roadway shall be marked with a ¾" square hub where possible or 60d spike and 6" orange plastic whisker. An offset stake shall be placed to the right side (up station) of the existing roadway at the edge of the maintained area. The centerline station and offset distance to the centerline point shall be marked on the offset stake;
    - (1) All offset stakes shall be 1"x 2"x 18" finished size pine. Offset stakes and lath shall be painted white and marked as indicated on attachment #1.
  - (c) Points that fall outside the existing roadway shall be marked with lath. The station shall be marked on the lath;
  - (d) Points shall be set to within 0.3 US Survey Foot of the true horizontal and vertical position relative to the CFLHD control monuments;
  
- III** Blackout old centerline marks on pavement and remove old centerline stakes.
  
- IV** Create a 3D MicroStation® CAD .dgn file plotting the As-staked centerline points and indicating the vertical difference from the As-staked centerline points and the existing .TIN file.