

Field Procedure: I searched for the following monuments: S. 1/4 corner, E. 1/4 corner. and S.E. corner. all in section 33, T17S-R3W. I found all three of the monuments obliterated. I then excavated by hand for the S. 1/4 corner, E. 1/4 corner, S.E. corner and found no evidence of the stones called for by the G.L.O. I then set the S. 1/4 corner in line with a hedge row to the south, in line with an ancient fence to the north and in the travel way of the E-W public road. I then set the E. 1/4 corner in line with a hedge row to the east, in line with an ancient fence west and in the travel way of a N-S public road. I then set the S.E. corner of section 33 by splitting fences from the west and using the public road intersection for evidence. I measured from the E. 1/4 corner of section 4, T18S-R3W and determined this position to confirm G.L.O. distance. This position at the S.E. corner of section 33 made the distance along the section line between the S.E. corner and the E. 1/4 corner 24.7 feet longer than the recorded G.L.O. distance. I determined from aerial photographs taken in 1938 and 1991 that the physical evidence had not changed since 1938. I used a Nikon DTM-420 total station to read distances and turn angles. I set 1/2"x 24" rebars with plastic I.D. caps at the property pins and section corners I monumented, except the S.E corner of section 33, where I set a 5/8" x 24" rebar with plastic I.D. cap.