TOWNSHIP 3 SOUTH, RANGE 70 EAST

CHAINS

The following field notes are those of the retracement of the East ½ mile of the north boundary of section 3 and the dependent resurvey of the south and east boundaries and the subdivisional lines of T. 3 S., R. 70 E.

The boundaries and subdivisional lines were surveyed by U. S. Deputy Surveyor H. B. Maxson in 1901. Cadastral Engineer Emil Voigt resurveyed the north boundary in 1949 under Group 352. The west boundary was resurveyed concurrently under this same group.

Before restoring the corners, the lines of the original survey were retraced and diligent search made for any evidence of the original corners and other calls of the field note record.

Lines connecting the corner positions were run by random and true method. In order to simplify the record, the true line notes only are supplied which refer to the completed survey.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947, and the Special Instructions dated October 11, 1966.

The direction of the lines of this survey were determined by azimuth taken from USC&GS triangulation station "CRESTLINE" and supplemented by altitude observations of the sun. The vertical angles of measurements made on the slope were ascertained by a clinometer in good adjustment; the horizontal equivalents only are entered in the field notes.

The geographic position for the southeast corner of the township is latitude 37° 38' 10.4" N. and longitude 114° 05' 53.4" W. as computed from USC&GS triangulation station "CRESTLINE," which is located in sec. 23.

The mean magnetic declination was found to be 15½° E.

RETRACEMENT OF THE EAST ½ MILE, NORTH BOUNDARY, SECTION 3, T. 3 S., R. 70 E.

Retracement of the Survey Executed by H. B. Maxson, U.S. Deputy Surveyor, in 1901 and Resurveyed by Emil Voigt, Cadastral Engineer, in 1949.

The east ½ mile of the north boundary of sec. 3 was retraced in order to close the section. The bearing of the line was found to be N. 89° 17' W. The record of the 1949 resurvey was found to be substantially correct in every other respect.