

TOWNSHIP 23 NORTH, RANGE 40 EAST, MDM, NEVADA

CHAINS

The following field notes are those of the dependent resurvey of the east, west and north boundaries and the subdivisional lines of Township 23 North, Range 40 East, Mount Diablo Meridian, Nevada.

The east, west and south boundaries were surveyed by U. S. Deputy Surveyors G. W. Conkling and T. K. Stewart, in 1881, under Contract No. 132. The east $1\frac{1}{2}$ miles of the north boundary were surveyed by U. S. Deputy Surveyors D. H. Barker and J. H. Eaton, in 1876, under Contract No. 73 and resurveyed by Cadastral Surveyor Lacel E. Bland, in 1960, under Group No. 382. The survey of the west $4\frac{1}{2}$ miles and the dependent resurvey of the east $\frac{1}{2}$ mile of sec. 2, of the north boundary and the survey of the subdivisional lines was executed by E. L. Bridges, in 1882, under Contract No. 156. The south boundary was dependently resurveyed concurrently under this same group. The survey of the north boundary as purportedly done by E. L. Bridges, in 1882, is, in fact, about 15 chs. south of the survey of D. H. Barker and J. H. Eaton, in 1876, and resurveyed by L. E. Bland, in 1960, creating a hiatus between Tps. 23 and 24 N., R. 40 E.

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 original field notes record.

The rules of proportionate measurement were applied in order to ascertain the position of lost corners after completing the necessary retracements to connect with the identified corner locations. In order to simplify the record, the true line notes only are supplied herewith, which refer to the completed resurvey.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instruction, 1973, and the Special Instructions dated April 10, 1979 and Supplemental Special Instructions dated September 19, 1979.

The directions of the lines of this survey were determined by azimuth taken from U.S.C. & G.S. triangulation stations "NEW PASS" and "EDAN" and carried forward by sustained angulation throughout the township. The vertical angles of measurement made on the slope were ascertained by a transit in good adjustment; the horizontal equivalents only are entered in the field notes.

The geographic position for the southeast corner of the township is at latitude $39^{\circ} 48' 40.7''$ N. and longitude $117^{\circ} 25' 07.9''$ W., calculated from U.S.C. & G.S. triangulation station EDAN," located in section 20, T. 22 N., R. 40 E.

The mean magnetic declination was found to be $17\frac{1}{2}^{\circ}$ east.

DEPENDENT RESURVEY OF THE WEST BOUNDARY,
T. 23 N., R. 40 E., MOUNT DIABLO MERIDIAN, NEVADA

Reestablishment of the Survey Executed by
G. W. Conkling and T. K. Stewart,
U. S. Deputy Surveyors,
in 1881.
