

TOWNSHIP 24 NORTH, RANGE 51 EAST, MDM, NEVADA

CHAINS

The following field notes are those of the dependent resurvey of a portion of the south boundary of Township 24 North, Range 51 East, Mount Diablo Meridian, Nevada.

The exterior boundaries and a portion of the subdivisional lines were surveyed by U. S. Deputy Surveyors D. H. Barker and E. L. Bridges in 1879, under Contract No. 86. The south boundaries of secs. 34, 35 and 36, were retraced by U. S. Deputy Surveyor W. E. Moran in 1893, under Contract No. 202.

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

The directions of the lines of this survey were determined by occupation of Group 383 Tellurometer stations identical with the southeast corner of the township and the closing corner of secs. 5 and 6, T. 23 N., R. 52 E.; this direction was carried forward by sustained angulation.

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 survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947, and the Special Instructions dated October 13, 1972.

The geographic position for the southeast corner of the township is at latitude $39^{\circ} 54' 34.362''$ N. and longitude $116^{\circ} 09' 30.005''$ W., as shown on Protraction Diagram No. 159 and calculated under Group No. 389.

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

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY,
T. 24 N., R. 51 E., MOUNT DIABLO MERIDIAN, NEVADA

Reestablishment of the Survey Executed by
U. S. Deputy Surveyors D. H. Barker and E. L. Bridges,
in 1879,
and the Retracement Executed by
U. S. Deputy Surveyor W. E. Moran,
in 1893
