

## TOWNSHIP 24 NORTH, RANGE 52 EAST, MDM, NEVADA

## CHAINS

The following field notes are those of the dependent resurvey of the east boundary, portions of the north and south boundaries and a portion of the subdivisional lines of Township 24 North, Range 52 East, Mount Diablo Meridian, Nevada.

The east boundary was surveyed by U. S. Deputy Surveyor O. A. Palmer in 1870 under Contract No. 37. The south and west boundaries were surveyed by U. S. Deputy Surveyors D. H. Barker and E. L. Bridges in 1879 under Contract No. 86. The east mile of the north boundary and a portion of the subdivisional lines were surveyed by U. S. Deputy Surveyors E. L. Bridges and J. H. Eaton in 1879 under Contract No. 91.

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 and record bearing and distance were applied in order to ascertain the position of lost corners, after completing the necessary retracements to connect with the identified corner positions. In order to simplify the record, the true line notes only are supplied herewith which refer to the completed survey.

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

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 directions of the lines of this survey were determined from occupation of Group No. 389, Nevada Tellurometer stations identical with the southeast, northeast and southwest township corners and the corner of secs. 13, 14, 23 and 24; these directions were carried throughout the township by sustained angulation.

The geographic position for the southeast corner of the township is at latitude  $39^{\circ} 54' 35.757''$  N. and longitude  $116^{\circ} 03' 02.822''$  W., as shown on Protraction Diagram No. 164 and calculated under Group No. 389.

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

DEPENDENT RESURVEY OF THE EAST BOUNDARY,  
T. 24 N., R. 52 E., MOUNT DIABLO MERIDIAN, NEVADA

Reestablishment of the Survey Executed by  
O. A. Palmer, U. S. Deputy Surveyor,  
in 1870