

TOWNSHIP 1 NORTH, RANGE 53 EAST

CHAINS

The following field notes are those of the dependent resurvey of the exterior and subdivisional lines of Township 1 North, Range 53 East, Mount Diablo Meridian, Nevada.

The South bdy. (Mt. Diablo Base Line) was surveyed by Reilly and Magee, U. S. Deputy Surveyors, under Contract No. 117, in 1881. The North, East and West bdrs. and the subdivisional lines were surveyed by Reilly and Magee, U. S. Deputy Surveyors, under Contract No. 126, in 1881. The West bdy. was retraced by Frank T. Roberts, U. S. Deputy Surveyor, in 1909.

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 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 resurvey.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947, and the Special Instructions dated March 25, 1966.

The directions of the lines of this survey were determined by altitude observations of the sun. The lines were carried forward by sustained angulation being supplemented by other altitude observations of the sun taken throughout the progress of the survey. 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 at latitude $37^{\circ} 53' 50.9''$ N. and longitude $115^{\circ} 57' 09''$ W., as adjusted along section lines from station, ARMY, of the Nevada Planning Division of the Nevada State Highway Department, identical with the southwest corner of T. 1 N., R. 53 E.

The magnetic declination was read at a number of stations throughout the township and the mean of these readings was found to be 17° east.

DEPENDENT RESURVEY OF THE MT. DIABLO BASE LINE,
THROUGH R. 53 E., MOUNT DIABLO MERIDIAN, NEVADA.

Reestablishment of the Survey Executed by
Reilly and Magee, U. S. Deputy Surveyors, in 1881.

The closing corners found referring to T. 1 S.
were on line and are remonumented.