

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Original

FIELD NOTES

OF THE

DEPENDENT RESURVEY

OF

A PORTION OF THE SUBDIVISIONAL LINES,
THE SUBDIVISION OF SECTION 6
AND A METES-AND-BOUNDS SURVEY OF
A PORTION OF THE CARSON CITY AND LYON COUNTY LINE,
TOWNSHIP 15 NORTH, RANGE 21 EAST,
OF THE MOUNT DIABLO MERIDIAN,
IN THE STATE OF NEVADA

EXECUTED BY

Clarence D. Strickland, Cadastral Surveyor

Under Special Instructions dated November 20, 2012,
and approved November 20, 2012,
which provided for the surveys included under Group No. 920,
and Assignment Instructions dated November 20, 2012.

Survey commenced December 3, 2012

Survey completed March 18, 2014

INDEX DIAGRAM

TOWNSHIP 15 NORTH, RANGE 21 EAST, MOUNT DIABLO MERIDIAN, NEVADA

6 2	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Subdivision of Section 6 pp. 3 - 5.
 Metes-and-Bounds Survey of a Portion of the Carson City
 and Lyon County Line pp. 5 - 6.

TOWNSHIP 15 NORTH, RANGE 21 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines, the subdivision of section 6 and a metes-and-bounds survey of a portion of the Carson City and Lyon County Line, Township 15 North, Range 21 East, Mount Diablo Meridian, Nevada.

The west (Carson River Guide Meridian) and north (Third Standard Parallel North) boundaries were surveyed by U.S. Deputy Surveyor B. Ives in 1861 under Contract "A". A portion of the subdivisional lines were surveyed by U.S. Deputy Surveyor B. Ives in 1865 under Contract "F". The south and east boundaries were surveyed by U.S. Deputy Surveyors T.K. Stewart and G.W. Conkling in 1881 under Contract No. 129. The south and east boundaries, portions of the west (Carson River Guide Meridian) and the north (Third Standard Parallel North) boundaries and a portion of the subdivisional lines were dependently resurveyed and the remaining subdivisional lines were surveyed by Cadastral Engineers E. Voigt, R.F. Wilson, J.W. Hardison, Cartographer E.D. Lewis and Cartographic Aid L.P. Lewis in 1950-1953 under Group No. 313. Portions of the west (Carson River Guide Meridian) and north (Third Standard Parallel North) boundaries were dependently resurveyed by C.D. Strickland concurrently under this same Group.

Before restoring the corners, the lines of the original surveys were retraced and a diligent search made for any evidence of the position 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 identified corner locations. 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 the specifications set forth in the Manual of Surveying Instructions, 2009, and the Special Instructions for Group No. 920, dated November 20, 2012.

Measurements were made with Trimble R-8 Global Positioning System (GPS) receivers using the real-time kinematic (RTK) method and refer to the true meridian based on geodetic methods. The mean bearings of the lines and horizontal equivalents of ground distances only are entered in the field notes.

The NAD 1983 (2011) (EPOCH:2010.0000) geographic position, of the following corners were determined from GPS static observations processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuous Operation Reference Stations (CORS) RNO1 NW RENO COOP CORS ARP, ZOLE ZOLEZZI COOP CORS ARP and DOT1 CARSON CITY COOP CORS ARP and carried forward by RTK observations.

The 1/4 sec. cor. of secs. 5 and 6, is as follows:

Latitude: 39°11'37.289" N. Longitude: 119°39'31.459" W.

The standard cor. of Tps. 15 and 16 N., Rs. 20 and 21 E., is as follows:

Latitude: 39°12'03.309" N. Longitude: 119°40'38.994" W.

TOWNSHIP 15 NORTH, RANGE 21 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>The April 23, 2013 mean magnetic declination was determined to be 13°49' E., as obtained from the National Oceanic and Atmospheric Administration's National Geophysical Data Center declination calculator.</p> <hr/> <p>DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES, T. 15 N., R. 21 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/> <p>Reestablishment of a Portion of the Survey Executed by U.S. Deputy Surveyor B. Ives in 1865</p> <hr/> <p>Beginning at the 1/4 sec. cor. of secs. 5 and 6, determined by Charles D. Church, Nevada Professional Land Surveyor No. 6886, in 1999, monumented with a rebar, 5/8 in. diam., 16 ins. long, firmly set, projecting 1 in. above a mound of stone, 3 1/2 ft. base, with plastic cap mkd. SIERRA SURVEY, as recorded in Lyon County, Nevada, Record of Survey, File No. 231346. This same mound of stone was previously adopted by Thomas A. Foote, Nevada Professional Land Surveyor No. 3736, in 1991, as recorded in Carson City, Nevada, Record of Survey, File No. 121917. This is accepted as the best available evidence of the position of the original corner.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T15N R21E 1/4 S 6 S 5 2013</p> <p>Insert rebar inside stainless steel post.</p> <p>N. 0°11'50" W., bet. secs. 5 and 6.</p> <p>Over rolling terrain, through scattered sagebrush and native grasses.</p> <p>2.02 Foot of hills, bears NE. and SW.</p> <p>4.02 Trail road, 15 lks. wide, bears NE. and SW.</p> <p>16.63 Summit of line, on E. slope of hill.</p> <p>21.39 Trail road, 15 lks. wide, bears NW. and SE.</p> <p>21.83 Ravine, drains SE.</p> <p>32.148 The witness point at the intersection of the Carson City and Lyon County Line with the line bet. secs. 5 and 6, hereinafter described.</p> <p>37.61 Top of ridge, bears NW. and SE.</p>
--------	---

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 15 N., R. 21 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
39.968	<p>The standard cor. of secs. 31 and 32, T. 16 N., R. 21 E., identical with the cor. of secs. 5 and 6, T. 15 N., R. 21 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above a mound of stone, 4 ft. diam., with brass cap mkd. as described in the field notes of the dependent resurvey of the Third Standard Parallel North through a portion of Range 21 East, executed concurrently under this same Group.</p>
	<p style="text-align: center;">SUBDIVISION OF SECTION 6, T. 15 N., R. 21 E., MOUNT DIABLO MERIDIAN, NEVADA</p>
	<p>From the 1/4 sec. cor. of secs. 6 and 7, determined by James A. Rankin, Nevada Professional Land Surveyor No. 1350, in 1980, monumented with a rebar, 5/8 in. diam., 16 ins. long, loosely set, projecting 3 ins. above a mound of stone, 1 ft. base, with tag wired to rebar mkd. RE 1350, as recorded in Carson City, Nevada, Record of Survey, Book 4, Page 833, File No. 97962. This same position was subsequently adopted by Thomas A. Foote, Nevada Professional Land Surveyor No. 3736, in 1991, as recorded in Carson City, Nevada, Record of Survey, File No. 121917. This is accepted as the best available evidence of the position of the original corner.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 4 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 5 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T15N R21E</p> <p>S 6</p> <p>1/4 —</p> <p>S 7</p> <p>2013</p> </div> <p>Insert rebar inside stainless steel post.</p> <p>Cor. is located on side of steep hill sloping to the SE.</p> <p>N. 0°07'30" W., on the N-S center line of sec. 6.</p> <p>Begin steep ascent, through scattered sagebrush and native grasses.</p>
10.30	Summit of hill; over rolling terrain.
10.94	From this point, the cor. of a barbed wire fence, bears WEST, 0.44 chs. dist., with fences extending N. 9° W., and SW.
20.11	Barbed wire fence, bears N. 61° E. and S. 61° W. From this point, the corner of a barbed wire fence, bears S. 61°17' W., 2.07 chs. dist., with fences extending N. 61° E. and S. 9° E.
40.050	Point for the center 1/4 sec. cor. of sec. 6, at intersection with the E-W center line.

SUBDIVISION OF SECTION 6,
T. 15 N., R. 21 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p> <p style="text-align: center;">T15N R21E C 1/4 S 6</p> <p style="text-align: center;">2013</p>
40.42	Barbed wire fence, bears E. and W.
52.67	Trail road, 15 lks. wide, bears E. and W.
61.70	Trail road, 12 lks. wide, bears E. and W.
68.39	Power transmission line, bears N. 66° E. and S. 66° W.
69.49	Trail road, 12 lks. wide, bears NE. and SW.
79.12	Power transmission line, bears N. 67° E. and S. 67° W.
79.47	Trail road, 15 lks. wide, bears NE. and SW.
80.062	<p>The standard 1/4 sec. cor. of sec. 31, T. 16 N., R. 21 E., identical with the 1/4 sec. cor. of sec. 6, T. 15 N., R. 21 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of the Third Standard Parallel North through a portion of Range 21 East, executed concurrently under this same Group.</p> <hr/> <p>From the 1/4 sec. cor. of secs. 5 and 6.</p> <p>S. 89°52'00" W., on the E-W center line of sec. 6.</p> <p>Over rolling terrain, through scattered sagebrush and native grasses.</p>
1.74	Foot of hills, bears NE. and SW.
13.34	Trail road, 25 lks. wide, bears NW. and SE.
20.111	<p>Point for the C-E 1/16 sec. cor. of sec. 6</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, and in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">E 1/16 C ——— C S 6</p> <p style="text-align: center;">2013</p>
32.24	Barbed wire fence, bears N. 6° E. and S. 6° W. From this point, the corner of a barbed wire fence, bears N. 5°37' E., 0.40 chs. dist., with fences extending S. 6° W. and W.
33.82	Summit of line on N. slope of hill.

SUBDIVISION OF SECTION 6,
T. 15 N., R. 21 E., MOUNT DIABLO MERIDIAN, NEVADA

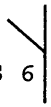
CHAINS	
40.222	The center 1/4 sec. cor. of sec. 6.
60.395	Point for the C-W 1/16 sec. cor. of sec. 6.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	<div style="text-align: center;"> W 1/16 C ——— C S 6 </div>
	2013
	Cor. is located 27 lks. N. of an asphalt surfaced road, 45 lks. wide, bears N. 88° W. and S. 88° E.
	<p>From this point, a position determined by James A. Rankin, Nevada Professional Land Surveyor No. 1350, in 1980, monumented with a rebar, 5/8 in. diam., firmly set, flush with the ground, with tag wired to rebar, mkd. RE 1350, as recorded in Carson City, Nevada, Record of Survey, Book 4, Page 833, File No. 97962, bears N. 4°14'30" E., 0.248 chs. dist. This position was determined by using improper procedure, as shown on Mr. Rankin's Record of Survey, File No. 97962 and is not utilized during the course of this survey.</p> <p>From this same point, the corner of a 4 strand barbed wire fence bears N. 5°24'40" E., 0.239 chs. dist., from which fences extend N. 88° E. and S., with a tag wired to cor. fence post mkd. N.D.O.T. PIT CORNER.</p>
66.80	Asphalt surfaced road, 45 lks. wide, bears N. 88° W. and S. 88° E.
80.568	The 1/4 sec. cor. of secs. 1 and 6, on the W. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of the east boundary (Carson River Guide Meridian), T. 15 N., R. 20 E., executed concurrently under this same Group.
	from which
	A juniper stump, 6 ins. diam., bears N. 42° E., 310 lks. dist., mkd. BTX.

METES-AND-BOUNDS SURVEY
OF A PORTION OF THE CARSON CITY AND LYON COUNTY LINE,
TOWNSHIP 15 NORTH, RANGE 21 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	MEMORANDUM
	<p>The Carson City and Lyon County Line was established by the Nevada State Legislature in Article 1 of Chapter 213 of the Statutes of Nevada, 1969, whereby Ormsby County and Carson City were consolidated into one municipal government named Carson City. The boundary description is in Section 1.030 (Description of territory) of this statute. Accordingly, the controlling monuments of the county line in sec. 31, T. 16 N., R. 21 E., are Brown & Company's dam on the Carson River and the Half Way House between Carson and Silver City. After a diligent search of the records and a thorough retracement of this line, it was concluded that the structure of the Half Way House no longer existed, but remnants of Brown and Company's dam on the Carson River were found. The position of the dam's remnants is supported by historical aerial photography.</p> <p>The Carson City and Lyon County Line was reestablished by extending a line from found monumentation in T. 16 N., R. 20 E.; this monumentation has been adopted and recorded by numerous professional land surveyors, and is accepted as the best available evidence of the position of the county line; to a point on the found remnants of Brown and Company's dam on the Carson River.</p> <hr/> <p>From the witness point at the intersection of the Carson City and Lyon County Line with the line bet. secs. 6 and 31, on the N. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above a mound of stone, 3 ft. diam., with brass cap mkd. as described in the field notes of the metes-and-bounds survey of a portion of the Carson City and Lyon County Line, T. 16 N., R. 21 E., executed concurrently under this same Group.</p> <p>From this point, a rebar, 5/8 in. diam., firmly set, projecting 1 in. above the ground, with tag wired to rebar mkd. RELS 235, bears N. 62°01'50" W., 95.493 chs. dist. This point was determined by person(s) unknown and perpetuated by Walter G. Reid, Nevada Professional Land Surveyor No. 235, in 1979, as recorded in Carson City, Nevada, Record of Survey, Book 3, Page 714, File No. 85822. This same position was subsequently adopted by David D. Winchell, Nevada Professional Land Surveyor No. 3209, in 2000, as recorded in Lyon County, Nevada, Record of Survey, File No. 255230.</p> <p>Thence S. 62°01'50" E., on the Carson City and Lyon County Line, through the NE1/4 of sec. 6.</p>
0.40	Power transmission line, bears N. 66° E. and S. 66° W.
6.03	Trail road, 15 lks. wide, bears N. and S.
16.637	<p>Point for the witness point at the intersection of the Carson City and Lyon County Line with the line bet. secs. 5 and 6.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 12 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p>

METES-AND-BOUNDS SURVEY
OF A PORTION OF THE CARSON CITY AND LYON COUNTY LINE,
TOWNSHIP 15 NORTH, RANGE 21 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

WP
T15N R21E

S 6 S 5
2013

From this point, a point on the remnants of Brown & Company's dam on the Carson River, bears S. 62°01'50" E., 48.239 chs. dist.

GENERAL DESCRIPTION

The lands included in the survey are located in Carson City and Lyon County, Nevada, approximately 5 miles east of Carson City, Nevada. The vegetation in the undeveloped area is generally sagebrush and grasses. The area is hilly with an average elevation of 4700 ft. above sea level with drainage generally to the southeast. The land use is mixed with part urban and part rural.

Access is provided by numerous paved and dirt roads by way of U.S. Highway No. 50.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Thomas E. Casinger	Cadastral Surveyor
Bradley F. Dillon	Cadastral Surveyor
Michael E. Swope	Cadastral Surveyor
Cathy E. Schmersal	Survey Aid

CERTIFICATE OF SURVEY

I, Clarence D. Strickland, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 20th day of November, 2012, I have dependently resurveyed a portion of the subdivisional lines, subdivided section 6 and executed a metes-and-bounds survey of a portion of the Carson City and Lyon County Line, Township 15 North, Range 21 East, of the Mount Diablo Meridian, in the State of Nevada, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

JUN 25 2014

(Date)

Clarence D. Strickland
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Reno, Nevada

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines, the subdivision of section 6 and a metes-and-bounds survey of a portion of the Carson City and Lyon County Line, Township 15 North, Range 21 East, of the Mount Diablo Meridian, Nevada, executed by Clarence D. Strickland, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

JUN 25 2014

(Date)

Paul D. York
(Chief Cadastral Surveyor for Nevada)~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above described surveys in Township 15 North, Range 21 East, Mount Diablo Meridian, Nevada, is a true copy of the original field notes.~~

~~(Date)~~~~(Chief Cadastral Surveyor for Nevada)~~