UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE

DEPENDENT RESURVEY

OF

A PORTION OF THE SOUTH BOUNDARY

AND A PORTION OF THE SUBDIVISIONAL LINES,

AND

A METES-AND-BOUNDS SURVEY OF THE EASTERLY RIGHT-OF-WAY LINE OF

U.S. HIGHWAY NO. 95, THROUGH SECTION 31,

TOWNSHIP 17 SOUTH, RANGE 59 EAST,

OF THE MOUNT DIABLO MERIDIAN,

IN THE STATE OF NEVADA.

EXECUTED BY

Brandon G. Courtright, Cadastral Surveyor

Under Special Instructions dated May 6, 2015,

and approved May 6, 2015,

which provided for the surveys included under Group No. 945,

and Assignment Instructions dated May 6, 2015.

Survey commenced May 9, 2015 Survey completed June 3, 2020

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TOWNSHIP 17 SOUTH, RANGE 59 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

The following field notes are those of the dependent resurvey of a portion of the south boundary and a portion of the subdivisional lines, and a metes-and-bounds survey of the easterly right-of-way line of U.S. Highway No. 95, through section 31, Township 17 South, Range 59 East, Mount Diablo Meridian, Nevada.

The north boundary (Fourth Standard Parallel South) was surveyed by U.S. Deputy Surveyors R.H. Woods and W.H. Myrick in 1881, under Contract No. 109. The south and west boundaries were surveyed by U.S. Deputy Surveyor E.A. Carter in 1881, under Contract No. 128. The east boundary was surveyed in 1881 and the subdivisional lines were surveyed in 1882 by U.S. Deputy Surveyors R.H. Woods and W.H. Myrick, under Contract No. 111. Sections 1 through 6 were administratively suspended from lease or disposal by legal subdivision on July 31, 1958. A portion of the south boundary was dependently resurveyed by Cadastral Surveyors S.E. Dagitz and B.R. Clifford in 2009-2011, under Group No. 881.

Before restoring the corners, the lines of the original surveys were retraced and a 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 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 <u>Manual of Surveying Instructions</u>, 2009, and the Special Instructions for Group No. 945, dated May 6, 2015.

Measurements were made with Trimble R8 and 5800 Global Positioning System (GPS) receivers using the real-time kinematic method and refer to the true meridian based on geodetic methods. The mean bearings of the lines and horizontal equivalent of ground distances only are entered into the field notes.

The NAD 1983 (2011) (Epoch:2010.0000) geographic position, of the following corners were determined by GPS static observations processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuous Operating Reference Stations (CORS), DJ8973 NVBM BERMUDA CORS ARP, DI4038 NVPO MT. POTOSI CORS ARP, DI1079 NVLM AMS WT FACILITY CORS ARP, and carried forward by RTK observations.

The corner of Townships 17 and 18 South, Ranges 58 and 59 East, is as follows:

Latitude: 36°25'30.414" N. Longitude: 115°25'25.594" W.

The cor. of secs. 16, 17, 20 and 21 is as follows:

Latitude: 36°28'06.134" N. Longitude: 115°23'14.603" W.

TOWNSHIP 17 SOUTH, RANGE 59 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

The May 9, 2015 mean magnetic declination was determined to be $12\,^{\circ}02\,^{\circ}$ E., as obtained from the National Oceanic and Atmospheric Administration's National Geophysical Data Center declination calculator.

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY, T. 17 S., R. 59 E., MOUNT DIABLO MERIDIAN, NEVADA

Reestablishment of a Portion of the Survey Executed by U.S. Deputy Surveyor E.A. Carter in 1881

From the cor. of secs. 5, 6, 31 and 32, monumented with a granite stone, $16 \times 12 \times 10$ ins. (Record: $23 \times 14 \times 10$ ins.), loosely set, projecting 10 ins. above a mound of stone, 2 ft. diam., 1/2 ft. high, mkd. with 5 grooves on E. face and 1 groove on W. face, with a nail set beneath and a steel fence post firmly set alongside.

At the corner point

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.

T17S R59E S31 S32 S 6 S 5 T18S

2015

Bury mkd. stone alongside stainless steel post, leave steel fence post in place.

S. 89°03'20" W., bet. secs. 6 and 31.

22.70 | Wash, 55 lks. wide, drains S. 35° E.

40.792

The 1/4 sec. cor. of secs. 6 and 31, determined at the center of an embedded mound of stone, 3 ft. diam., occupied by a nail. This is accepted as the best available evidence of the position of the original corner.

At the corner point

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 mound of stone, 3 ft. base, to top, with brass cap mkd.

	T. 17 S., R. 59 E., MOUNT DIABLO MERIDIAN, NEVADA		
CHAINS			
	T17S R59E		
	S31 1/4 ——		
	S 6		
	T18S		
	2015		
	S. 89°41'30" W., beginning new measurement.		
32.220	The witness point, at the intersection of the easterly right-of-way line of U.S. Highway No. 95, with the S. bdy. of the Tp., hereinafter described.		
37.40	Northbound lane, U.S. Highway No. 95, bears S. 25° E. and N. 25° W.		
39.20	Southbound lane, U.S. Highway No. 95, bears S. 25° E. and N. 25° W.		
40.686	The cor. of Tps. 17 and 18 S., Rs. 58 and 59 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, flush in a mound of stone, 3 ft. diam., 1/2 ft. high, with brass cap mkd. as described in the field notes of the dependent resurvey of a portion of the E. bdy., T. 17 S., R. 58 E., executed concurrently under this same Group, with a steel fence post firmly set alongside.		
	DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES, T. 17 S., R. 59 E., MOUNT DIABLO MERIDIAN, NEVADA		
	Reestablishment of a Portion of the Survey Executed by U.S. Deputy Surveyors R.H. Woods and W.H. Myrick in 1882		
	From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., monumented with an iron pipe, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground, and in a collar of stone, with brass cap mkd. as described in the dependent resurvey of a portion of the N. bdy., T. 18 S., R. 59 E., executed under Group No. 881.		
	N. 1°27'30" W., bet. secs. 32 and 33.		
8.80	Landy Street, gravel surface, 20 lks. wide, bears S. 35° E. and N. 35° W.		
9.30	Fence brace, continue along barbed wire fence.		
33.00	Fence brace, end of barbed wire fence.		
33.70	Corn Creek Road, gravel surface, 45 lks. wide, bears N. 75° E. and S. 75° W.		

	1. 1/ S., R. 39 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS 34.45	Fence brace, continue along barbed wire fence.
40.672	The 1/4 sec. cor. of secs. 32 and 33, monumented with the northerly post of a fence brace, an iron pipe, 5 ins. diam., firmly set, projecting 4 ft. above the ground, with a steel fence post set alongside. This is accepted as the best available evidence of the position of the original corner.
	from which
	A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, over a plastic-encased magnet, for a reference monument, bears N. 45°32'50" E., 153.8 lks. dist., with brass cap mkd. RM T17S R59E 1/4 S33 101.5 FT TO COR 2015, and an arrow pointing to the corner.
	A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, over a plastic-encased magnet, for a reference monument, bears N. 45°10'20" W., 151.5 lks. dist., with brass cap mkd. RM T17S R59E 1/4 S32 100.0 FT TO COR 2015, and an arrow pointing to the corner.
	N. 0°21'50" E., beginning new measurement.
	Continue along barbed wire fence.
40.263	The cor. of secs. 28, 29, 32 and 33, determined at the center of mound of earth and stone, 1 1/2 ft. diam., 3 ins. high, with the remains of wood post, 1x1x15 ins., no marks visible, lying loose alongside. This is accepted as the best available evidence of the position of the original corner.
	At the corner point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	T17S R59E
	S29 S28
	\$32 \$33
	2015
	Insert wood post remains inside stainless steel post.
	Cor. is located in barbed wire fence, bears N. and S.
	N. 0°35'40" E., bet. secs. 28 and 29.
38.715	Point for the 1/4 sec. cor. of secs. 28 and 29, at proportionate distance; there is no remaining evidence of the original corner.
1	

	T. 17 S., R. 59 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	T17S R59E
	1/4 S29 S28
	2015
	Cor. is located E., 20 lks. dist., of a barbed wire fence, bears N. and S.
58.80	Trail road, 12 lks. wide, bears S. 55° E. and N. 55° W.
77.430	Point for the cor. of secs. 20, 21, 28 and 29, at proportionate distance; there is no remaining evidence of the original corner.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	T17S R59E
,	S20 S21
	S29 S28
	2015
	From this point, the 1/4 sec. cor. of secs. 22 and 27 bears N. 89°15'00" E., 121.864 chs. dist., determined at the center of an embedded mound of stone, 2 1/2 ft. diam., 1/2 ft. high. This is accepted as the best available evidence of the position of the original corner.
	At the corner point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	T17S R59E
	S22
	1/4 —— S27
	2015
	Cor. is located, E., 35 lks. dist. of a barbed wire fence, bears N. and S., and E., 5.50 chs. dist., of Alamo Road, gravel surface, 30 lks. wide, bears S. 10° E. and N. 10° W.
	The control line was fully retraced, and no evidence of the intervening corners was found.
	From this same point, a redwood post, 3x3x36 ins., lying loose on the ground, bears S. 82°14'00" W., 0.997 chs. dist.

	T. 17 S., R. 59 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	From this same point, the 1/4 sec. cor. of secs. 20 and 29 bears N. 85°56'30" W., 40.659 chs. dist., monumented with a wood post, 4 ins. diam., 31 ins. long, firmly set, projecting 21 ins. above the ground, no marks visible. This is accepted at the best available evidence of the position of the original corner.
·	At the corner point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	T17S R59E
	S20 1/4 ——
	S29
	2015
	Bury wood post alongside stainless steel post.
	N. 1°28'40" W., bet. secs. 20 and 21.
10.70	Barbed wire fence, bears N. and S.
38.726	Point for the 1/4 sec. cor. of secs. 20 and 21, at proportionate distance; there is no remaining evidence of the original corner.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	T17S R59E
	1/4 S20 S21
	2015
	Cor. is located W., 90 lks. dist., of a barbed wire fence, bears N. and S.
76.80	Trail road, 12 lks. wide, bears irregularly NE. and SW.
77.452	The cor. of secs. 16, 17, 20 and 21, determined at the center of a mound of earth and stone, 2 ft. diam., 4 ins. high. This is accepted as the best available evidence of the position of the original corner.
	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.

T17S R59E S17 S16

S20 S21
2015
From this corner, a cor. of fences bears N. 23°45'00" E., 5.272 chs. dist., barbed wire fences extend S. and W.
From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., hereinbefore described.
N. 0°04'30" W., bet. secs. 31 and 32.
Corn Creek Road, gravel surface, 45 lks. wide, bears N. 75° E. and S. 75° W.
Point for the $1/4$ sec. cor. of secs. 31 and 32, at proportionate distance; there is no remaining evidence of the original corner.
Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, over a plastic-encased magnet, and in a collar of stone, with brass cap mkd.
T17S R59E 1/4 S31 S32
2015
Point for the cor. of secs. 29, 30, 31 and 32, at proportionate distance; there is no remaining evidence of the original corner.
Set a stainless steel post, 28 ins. long, 2 $1/2$ ins. diam., 25 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
T17S R59E S30 S29
S31 S32
2015
From this point, the cor. of secs. 17, 18, 19 and 20 bears N. 0°30'40" E., 158.222 chs. dist.
From this same point, the cor. of secs. 28, 29, 32 and 33 bears N. 87°21'20" E., 82.124 chs. dist.
The control lines were fully retraced, and no evidence of the intervening corners was found.

	T. 17 S., R. 59 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	S. 89°03'00" W., bet. secs. 30 and 31.
40.916	Point for the $1/4$ sec. cor. of secs. 30 and 31, at proportionate distance; there is no remaining evidence of the original corner.
	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.
	T17S R59E
	2015
79.081	The cor. of secs. 25, 30, 31 and 36, on the W. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of a portion of the E. bdy., T. 17 S., R. 58 E., executed concurrently under this same Group.
	From the cor. of secs. 16, 17, 20 and 21.
	S. 89°41'40" W., bet. secs. 17 and 20.
7.25	Trail road, 12 lks. wide, bears irregularly NE. and SW.
39.702	Point for the 1/4 sec. cor. of secs. 17 and 20, at proportionate distance; there is no remaining evidence of the original corner.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	T17S R59E
	S17
	1/4
	2015
	Cor. is located S., 4.00 chs. dist., of a barbed wire fence, bears E. and W.
78.55	Trail road, 12 lks. wide, bears S. 15° E. and N. 15° W.
79.404	The cor. of secs. 17, 18, 19 and 20, perpetuated by person(s) unknown, monumented with the rotten remains of a redwood post under the surface of the ground, with further remains, 2x2x14 ins., lying loose alongside. This is accepted as the best available evidence of the position of the original corner.
	At the corner point

	T. 17 S., R. 59 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	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.
	T17S R59E S18 S17
	S19 S20
	2015
	Insert redwood post remains inside stainless steel post.
	Cor. is located S., 3.60 chs. dist., of a barbed wire fence, bears E. and W.
	S. 83°30'50" W., bet. secs. 18 and 19.
36.400	Point for the 1/4 sec. cor. of secs. 18 and 19, at proportionate distance; there is no remaining evidence of the original corner.
	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.
	T17S R59E
	S18 1/4 ——
	S19
	2015
70.571	The cor. of secs. 13, 18, 19 and 24, 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 a portion of the E. bdy., T. 17 S. and R. 58 E., executed concurrently under this same Group.

METES-AND-BOUNDS SURVEY OF THE EASTERLY RIGHT OF WAY LINE OF U.S. HIGHWAY NO. 95, THROUGH SECTION 31, T. 17 S., R. 59 E., MOUNT DIABLO MERIDIAN, NEVADA

	T. 17 S., R. 59 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	MEMORANDUM
	The following metes-and-bounds survey identifies the easterly right-of-way line of U.S. Highway No. 95, through section 31, as shown on sheet 18 of State of Nevada, Department of Highways, Right-of-Way Division Property Schedule Map Supplement to Application CC-018191. It begins at the intersection with the south boundary of the township and ends at the intersection with the west boundary of the township.
	From the point for a witness point at the intersection of the easterly right-of-way line of U.S. Highway No. 95, with the line bet. secs. 6 and 31, on the S. bdy. of the Tp.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, over a plastic-encased magnet, and in a collar of stone, with brass cap mkd.
	WP
	T17S R59E
	$ \begin{array}{c c} \hline S & 31 \\ \hline S & 6 \\ \hline T18S \end{array} $
	2015
	From this point, the cor. of Tps. 17 and 18 S., Rs. 58 and 59 E., hereinbefore described, bears S. 89°41'30" W., 8.466 chs. dist.
	N. 12°05'20" W., on the easterly right-of-way line of U.S. Highway No. 95, through sec. 31.
3.80	Corn Creek road, gravel surface, 45 lks. wide, bears S. 70° E. and N. 70° W.
7.177	Point for Angle Point No. 1, in sec. 31.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	T17S R59E
	AP1\S31
	2015
	N. 25°03'40" W., on the easterly right-of-way line of U.S. Highway No. 95, on line 1-2.
1.515	Point for Angle Point No. 2, in sec. 31.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam.,
	26 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.

METES-AND-BOUNDS SURVEY OF THE EASTERLY RIGHT OF WAY LINE OF U.S. HIGHWAY NO. 95, THROUGH SECTION 31, T. 17 S., R. 59 E., MOUNT DIABLO MERIDIAN, NEVADA

	T. 17 S., R. 59 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	
	T17S R59E
	AP2\S31
	2015
	N. 38°08'40" W., on the easterly right-of-way line of U.S. Highway No. 95.
10.436	Witness point at the intersection of this metes-and-bounds survey with the W. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, flush in a collar of stone, with brass cap mkd. as described in the field notes of
	the metes-and-bounds survey of the easterly right-of-way line of U.S. Highway No. 95, through sections 23, 25, 26 and 36, T. 17 S., R. 58 E., executed concurrently under this same Group.
	GENERAL DESCRIPTION
	Highway No. 95, Corn Creek Road, and numerous dirt roads. The area is largely level, with a slight drainage easterly Vegetation consists of various grasses, sagebrush, and a scattering of various cacti. The average elevation of the area is approximately 3,000 ft. above sea level.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Brock R. Clifford Supervisory Cadastral Surveyor
Carlos Gil-Mendoza Cadastral Surveyor

Joseph J. Johnson Cadastral Surveyor

Wyatt B. Butler Student Trainee (Land Surveyor)

Austin D. Garner Student Trainee (Land Surveyor)

Mark G. Petrosine Surveying Technician

CERTIFICATE OF SURVEY

I, Brandon G. Courtright, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 6th day of May, 2015, I have dependently resurveyed a portion of the south boundary and a portion of the subdivisional lines, and executed a metes-and-bounds survey of the easterly right-of-way line of U.S. Highway No. 95, through section 31, Township 17 South, Range 59 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.

AUG 1 0 2020

(Date)

/For Brandon G. Courtright

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT Reno, Nevada

The foregoing field notes of the dependent resurvey of a portion of the south boundary and a portion of the subdivisional lines, and a metes-and-bounds survey of the easterly right-of-way line of U.S. Highway No. 95, through section 31, Township 17 South, Range 59 East, of the Mount Diablo Meridian, Nevada, executed by Brandon G. Courtright, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

AUG 10 2020 (Date) Mululo. Harring (Chief Cadastral Surveyor for Nevada)

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the loregoing transcript of the field notes of the above described surveys in Township 17 South, Pange 59 East, Mount Diablo Meridian, Nevada, is a true copy of the original field notes.

(Chief Cadastral Surveyor for Nevada