

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 SECTIONS 27 AND 28,
THE METES-AND-BOUNDS SURVEY OF THE WESTERLY RIGHT-OF-WAY LINE OF
U.S. HIGHWAY NO. 93 THROUGH PORTIONS OF SECTIONS 22 AND 27,
AND A METES-AND-BOUNDS SURVEY IN SECTION 22,
TOWNSHIP 20 NORTH, RANGE 64 EAST,
OF THE MOUNT DIABLO MERIDIAN,
IN THE STATE OF NEVADA

EXECUTED BY

Wayne S. Hancock, Cadastral Surveyor
Mark G. Petrosine, Surveying Technician

Under Special Instructions dated February 5, 2007,
and approved February 5, 2007,
which provided for the surveys included under Group No. 845,
and Assignment Instructions dated February 5, 2007.

Survey commenced February 7, 2007

Survey completed August 29, 2007

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TOWNSHIP 20 NORTH, RANGE 64 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>The following field notes are those of the dependent resurvey of a portion of the subdivisional lines, the subdivision of sections 27 and 28, the metes-and-bounds survey of the westerly right-of-way line of U.S. Highway No. 93 through portions of sections 22 and 27, and a metes-and-bounds survey in section 22, Township 20 North, Range 64 East, Mount Diablo Meridian.</p> <p>The subdivisional lines were surveyed by U.S. Deputy Surveyors E.B. Monroe and A.G. Bateman in 1872 under contract No. 48. The subdivisional lines were dependently resurveyed by Cadastral Surveyors H.G. Parker and R.A. Pratt in 1966 under Group No. 440. Other surveys remote to this area are not included.</p> <p>The lines of the prior surveys were retraced and a diligent search made for evidence of the corners and other calls of the field note record.</p> <p>Identified corners were accepted in their original positions. In order to simplify the record, the true line notes only are supplied herewith, which refer to the completed survey.</p> <p>The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 845 dated February 5, 2007.</p> <p>Measurements were made with Trimble 4700, 5700 and 5800 Global Positioning Satellite (GPS) receivers, using real-time kinematic and static methods 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.</p> <p>The NAD 83 (CORS 96) geographic position of the 1/4 section corner of sections 26 and 27, determined from GPS static observations processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS) "ELKO CORS ARP", "RAILROAD VALLEY CORS ARP", "EGAN_BRGN_NV1996 CORS ARP", in 2007 and carried forward by RTK observations is as follows:</p> <p>Latitude: 39°34'17.538" N. Longitude: 114°45'02.800" W.</p> <p>The February 7, 2007, mean magnetic declination was determined to be 13°24'E. from the National Oceanic and Atmospheric Administration's Geophysical Data Center declination calculator.</p> <hr/>
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DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 20 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	<p>Reestablishment of a Portion of the Survey Executed by E.B. Monroe and A.G. Bateman, U.S. Deputy Surveyors, in 1872, and a Portion of the Dependent Resurvey Executed by H.G. Parker and R.A. Pratt, Cadastral Surveyors, in 1966</p> <hr/>
	<p>Beginning at the 1/4 sec. cor. of secs. 22 and 27, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of T. 20 N., R. 64 E., executed under Group No. 440, with a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of the cor.</p>
	<p>S. 89°47'30" W., bet. secs. 22 and 27.</p>
	<p>Across gentle W. slope, through scattered sagebrush and bunchgrass.</p>
0.80	<p>Diversion ditch, drains SW.</p>
2.59	<p>Barbed wire fence with steel fence posts, parallels highway.</p>
5.636	<p>Centerline of U.S. Highway No. 93, asphalt surfaced, 50 lks. wide, bears N. 2°47'10" E. and S. 2°47'10" W.</p>
8.670	<p>Point for a witness point at the intersection of the westerly right-of-way line of U.S. Highway No. 93 with the line bet. secs. 22 and 27, hereinafter described.</p>
39.122	<p>The cor. of secs. 21, 22, 27 and 28, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of T. 20 N., R. 64 E., executed under Group No. 440, with a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of the cor.</p> <hr/>
	<p>From the 1/4 sec. cor. of secs. 15 and 22, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of T. 20 N., R. 64 E., executed under Group No. 440, with a mound of stone, 3 ft. base, 1 ft. high, W. of the cor.</p>
	<p>S. 89°47'30" W., bet. secs. 15 and 22.</p>
	<p>Across nearly level land, covered with sagebrush and bunchgrass.</p>
1.22	<p>Barbed wire fence with steel fence posts, parallels highway.</p>
4.23	<p>Center of asphalt surface, U.S. Highway No. 93, 50 lks. wide, bears N. 2 3/4° E. and S. 2 3/4° W.</p>
7.23	<p>Barbed wire fence with steel fence posts, parallels highway.</p>
38.73	<p>Unimproved graded dirt road, 32 lks. wide, bears N. 68° W. and S. 68° E.</p>
39.150	<p>Point for a witness point, at the intersection of the southerly edge of an unimproved dirt road with the line bet. secs. 15 and 22, hereinafter described.</p>

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 20 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
39.619	<p>The cor. of secs. 15, 16, 21 and 22, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of T. 20 N., R. 64 E., executed under Group No. 440, with a mound of stone, 3 ft. base, 1 ft. high, W. of the cor.</p> <p>Corner is located on the N. side of a fence corner from which barbed wire fences with steel fence posts, extend SE. and W., and under a powerline, parallels fence.</p>
<hr/> <p>SUBDIVISION OF SECTION 27, T. 20 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/>	
	<p>From the 1/4 sec. cor. of secs. 26 and 27, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 5 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of T. 20 N., R. 64 E., executed under Group No. 440, with a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of the cor.</p> <p>N. 89°58'00" W., on the E-W center line of sec. 27.</p> <p>Across gentle W. slope, through scattered sagebrush and bunchgrass.</p>
24.10	Center of dirt road, 15 lks. wide, bears NNE and SSW.
43.90	Barbed wire fence with steel fence posts, parallels highway.
46.939	Centerline of U.S. Highway No. 93, asphalt surfaced, 50 lks. wide, bears N. 2°47'10" E. and S. 2 3/4° W.
49.973	Point for a witness point at the intersection of the westerly right-of-way line of U.S. Highway No. 93 with the E-W center line of sec. 27, hereinafter described.
79.058	<p>The 1/4 sec. cor. of secs. 27 and 28, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 7 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of T. 20 N., R. 64 E., executed under Group No. 440, with a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of the cor.</p>
<hr/> <p>SUBDIVISION OF SECTION 28, T. 20 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/>	
	<p>From the 1/4 sec. cor. of secs. 27 and 28.</p> <p>S. 89°48'40" W., on the E-W center line of sec. 28.</p> <p>Across gentle W. slope, through scattered sagebrush and bunchgrass.</p>
31.20	Center of dirt road, 10 lks. wide, bears N. 10° E. and S. 10° W.

SUBDIVISION OF SECTION 28,
T. 20 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

79.544

The 1/4 sec. cor. of secs. 28 and 29, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 9 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of T. 20 N., R. 64 E., executed under Group No. 440, with a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of the cor.

METES-AND-BOUNDS SURVEY OF THE WESTERLY RIGHT-OF-WAY LINE OF
U.S. HIGHWAY NO. 93 THROUGH PORTIONS OF SECTIONS 22 AND 27,
T. 20 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

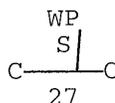
MEMORANDUM

The easterly boundary of Parcel 4 of the Ely Shoshone Expansion in T. 20 N., R. 64 E., Mount Diablo Meridian, Nevada, as described in the White Pine County Conservation, Recreation and Development Act of 2006, is defined as the westerly right-of-way line of U.S. Highway No. 93.

The westerly right-of-way line of U.S. Highway No. 93 was determined utilizing concrete monuments established by the State of Nevada to define the centerline of said right-of-way, as shown on Right-of-Way drawings by the Nevada Department of Highways, dated January 17, 1946, filed with BLM case file CC 022412.

From the point for a witness point at the intersection of the westerly right-of-way line of U.S. Highway No. 93 with the E-W center line of sec. 27.

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.



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From this same point, the remains of a Nevada State Highway monument; the lower portion of a concrete block, 6 ins. square, firmly set 12 ins. below the surface of the ground, bears S. 1°07'20" E., 88.902 chs. dist.

From this point, a Nevada State Highway monument; a concrete block, 6 ins. square, firmly set, projecting 5 ins. above the ground, with the letter "N" cast into the easterly side and a brass wire in top center, bears S. 2°47'10" W., 88.696 chs. dist.

N. 2°47'10" E., on the westerly right-of-way line of U.S. Highway No. 93, in sec. 27.

Across gentle W. slope, through scattered sagebrush and bunchgrass, along barbed wire fence with steel fence posts.

METES-AND-BOUNDS SURVEY OF THE WESTERLY RIGHT-OF-WAY LINE OF
U.S. HIGHWAY NO. 93 THROUGH PORTIONS OF SECTIONS 22 AND 27,
T. 20 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
2.093	<p>Intersect a Nevada State Highway monument, a concrete block, 6 ins. square, firmly set, projecting 6 ins. above the ground, with the letter "N" cast into the easterly side and a brass wire in top center.</p> <p>From this highway monument, the remains of a Nevada State Highway monument, a concrete block, 6 ins. square, projecting 3 ins. above the ground, with a rebar, 1/2 in. diam., projecting from the lower portion and a brass wire in top center, bears S. 87°12'50" E., 6.061 chs. dist.</p>
39.632	<p>Point for a witness point at the intersection of the westerly right-of-way line of U.S. Highway No. 93 with the line bet. secs. 22 and 27.</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, with brass cap mkd.</p> <div style="text-align: center;"> <p>WP T20N R64E S/22 — S/27 2007</p> </div> <hr/> <p>Thence N. 2°47'10" E., on the westerly right-of-way line of U.S. Highway No. 93, in sec. 22.</p>
53.488	<p>Intersect a Nevada State Highway monument, a concrete block, 6 ins. square, firmly set, projecting 6 ins. above the ground, with the letter "N" cast into the easterly side and a brass wire in top center.</p> <p>From this highway monument, a Nevada State Highway monument, a concrete block, 6 ins. square, firmly set, projecting 6 ins. above the ground, with the letter "N" cast into the westerly side and a brass wire in top center, bears S. 87°12'50" E., 6.061 chs. dist.</p>
67.56	<p>Fence corner, from which barbed wire fences with steel T-bar fence posts, extend SW. along the westerly right-of-way line of U.S. Highway No. 93 and NW. along powerline.</p>
67.65	<p>Powerline, bears N. 68° W. and S. 68° E.</p>
67.998	<p>Point for a witness point at the intersection of the westerly right-of-way line of U.S. Highway No. 93, with the southerly edge of an unimproved road.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, over a plastic-encased magnet, in a mound of stone, 3 ft. base to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>WP S/22 2007</p> </div>

METES-AND-BOUNDS SURVEY OF THE WESTERLY RIGHT-OF-WAY LINE OF
U.S. HIGHWAY NO. 93 THROUGH PORTIONS OF SECTIONS 22 AND 27,
T. 20 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

<p>CHAINS</p> <p>0.829</p>	<p>Corner is located under the S. end of a cattle guard, 30 lks. long, 6 lks. wide.</p> <p>From this point, a Nevada State Highway monument; a concrete block, 6 ins. square, firmly set, projecting 5 ins. above the ground, with the letter "N" cast into the easterly side and a brass wire in top center, bears N. 2°47'10" E., 76.442 chs. dist.</p> <p>From this same point, the remains of a Nevada State Highway monument; the lower portion of a concrete block, 6 ins. square, firmly set 12 ins. below the surface of the ground, bears N. 7°19'20" E., 76.682 chs. dist.</p> <p>From this same point, an aluminum post, 2 1/2 ins. diam., projecting 8 ins. above the ground, with aluminum cap mkd. DUCK CREEK FLAT SEEDING CATTLEGUARD SEC22 T20N R64E NOT A SURVEY CORNER, bears N. 43°17' E., 0.067 chs. dist.</p> <hr/> <p style="text-align: center;">METES-AND-BOUNDS SURVEY IN SECTION 22, T. 20 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/> <p style="text-align: center;">MEMORANDUM</p> <p>The northerly boundary of Parcel 4 of the Ely Shoshone Expansion in T. 20 N., R. 64 E., Mount Diablo Meridian, Nevada, as described in the White Pine County Conservation, Recreation and Development Act of 2006, is defined as the southerly edge of an unimproved road in section 22, T. 20 N., R. 64 E.</p> <p>Witness points were established at intersections of the southerly edge of the unimproved road with the westerly right-of-way line of U.S. Highway No. 93 and with the line bet. secs. 15 and 22. Angle points were established where there was a change in direction.</p> <hr/> <p>From the witness point at the intersection of the westerly right-of-way line of U.S. Highway No. 93, with the southerly edge of the unimproved road in sec. 22, hereinbefore described.</p> <p>N. 78°10'00" W., along the southerly edge of the unimproved road.</p> <p>Point for Angle Point No. 1, sec. 22.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, over a plastic-encased magnet, in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T20N R64E S22 — AP1 2007</p> <hr/> <p>N. 65°00'50" W., on line 1-2, continuing along the southerly edge of the unimproved road.</p>
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METES-AND-BOUNDS SURVEY IN SECTIONS 22,
T. 20 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
2.466	<p>Point for Angle Point No. 2, sec. 22.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, over a plastic-encased magnet, in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T20N R64E S22  AP2 2007</p> <hr/> <p>N. 68°56'20" W., on line 2-3, continuing along the southerly edge of the unimproved road.</p>
12.804	<p>Point for Angle Point No. 3, sec. 22.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., flush with the surface of the ground, over a plastic-encased magnet, and in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T20N R64E S22  AP 3 2007</p> <hr/> <p>N. 68°18'10" W., continuing along the southerly edge of the unimproved road.</p>
17.535	<p>Point for a witness point at the intersection of the southerly edge of an unimproved road with the line bet. secs. 15 and 22.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., flush with the surface of the ground, over a plastic-encased magnet, with brass cap mkd.</p> <p style="text-align: center;">WP T20N R64E S15  S 22 2007</p> <hr/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <p>The lands included in the survey are located in White Pine County, Nevada, 10 miles northerly of the town of McGill, Nevada.</p> <p>The area slopes gently to the west with the drainage of Second Creek running from the Schell Creek Range through sections 21 and 22.</p> <p>Vegetation is low sagebrush and bunchgrass.</p> <hr/>

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANT

Michelle E. Martin

Supervisory Range Technician

CERTIFICATE OF SURVEY

We, Wayne S. Hancock, Cadastral Surveyor, and Mark G. Petrosine, Surveying Technician, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 5th day of February, 2007, we have dependently resurveyed a portion of the subdivisional lines, subdivided sections 27 and 28, surveyed by metes and bounds the westerly right-of-way line of U.S. Highway No. 93 through portions of sections 22 and 27, and surveyed by metes and bounds in section 22, Township 20 North, Range 64 East, of the Mount Diablo Meridian, in the State of Nevada, which are represented in the foregoing field notes as having been executed by us and under our 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.

March 4, 2008

(Date)

Wayne S. Hancock

(Cadastral Surveyor)

February 6, 2008

(Date)

Mark G. Petrosine

(Surveying Technician)

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 sections 27 and 28, the metes-and-bounds survey of the westerly right-of-way line of U.S. Highway No. 93 through portions of sections 22 and 27, and a metes-and-bounds survey in section 22, Township 20 North, Range 64 East, Mount Diablo Meridian, executed by Wayne S. Hancock, Cadastral Surveyor, and Mark G. Petrosine, Surveying Technician, having been critically examined and found correct, are hereby approved.

March 19, 2008

(Date)

David A. Moran

(Chief Cadastral Surveyor, Nevada)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 20 N., R. 64 E., M.D.M., Nevada, is a true copy of the original field notes.~~

~~(Date)~~

~~(Chief Cadastral Surveyor, Nevada)~~