UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Original

FIELD NOTES

OF THE

DEPENDENT RESURVEY

OF

THE THIRD STANDARD PARALLEL SOUTH,

THROUGH A PORTION OF RANGE 68 EAST,

AND

A PORTION OF THE EAST BOUNDARY,

AND THE

INDEPENDENT RESURVEY

OF THE

WEST BOUNDARY

AND A PORTION OF THE SUBDIVISIONAL LINES,

AND

METES-AND-BOUNDS SURVEYS OF INTERSTATE HIGHWAY NO. 15,

TOWNSHIP 13 SOUTH, RANGE 69 EAST,

OF THE MOUNT DIABLO MERIDIAN,

IN THE STATE OF NEVADA

EXECUTED BY

Richard A. Zaninovich, Cadastral Surveyor

Under Special Instructions dated April 14, 2000

and approved April 14, 2000,

which provided for the surveys included under Group No. 789,

and Assignment Instructions dated April 14, 2000.

Survey commenced May 1, 2000

Survey completed June 29, 2000

INDEX DIAGRAM

TOWNSHIP 13 SOUTH, RANGE 69 EAST, MOUNT DIABLO MERIDIAN, NEVADA

2

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

Metes-and-bounds survey of the southerly right-of-way line of Interstate Highway No. 15 . . . . . pages 20-25
Metes-and-bounds survey of the northerly right-of-way line of Interstate Highway No. 15 . . . . . pages 25-30

104

TOWNSHIP 13 SOUTH, RANGE 69 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

The following field notes are those of the dependent resurvey of the Third Standard Parallel South, through a portion of Range 68 East, and a portion of the east boundary, and the independent resurvey of the west boundary and a portion of the subdivisional lines, and metes-and-bounds surveys of Interstate Highway No. 15, Township 13 South, Range 69 East, Mount Diablo Meridian, Nevada.

The south boundary was surveyed by U.S. Deputy Surveyor W.H. Myrick in 1881 under Contract No. 109. The east, west, and north boundaries and the subdivisional lines were surveyed by U.S. Deputy Surveyor W.H. Myrick in 1881 under Contract No. 123. The north boundary (Third Standard Parallel South) was independently resurveyed by U.S. Surveyor R.C. Yundt in 1934 under Group No. 178. The east boundary was independently resurveyed by U.S. Cadastral Engineer C.S. Swanholm and U.S. Transitman F. Sadler in 1933-34 under Group No. 178. The south boundary of the township was independently resurveyed by Cadastral Surveyor R.A. Zaninovich concurrently under Group No. 789.

A report of conditions, dated August 15, 1932, by U.S. Cadastral Engineer C.S. Swanholm, reported surveys throughout the region were fictitious or grossly erroneous. An investigation, dated March 2, 2000, conducted by Cadastral Surveyor R.A. Zaninovich reported similar conditions and recommended independent resurveys in T. 14 S., R. 68 E., and Tps. 13 and 14 S., R. 69 E.

The original plat of T. 13 S., R. 69 E., and portions of the original plats of T. 14 S., R. 68 E. and T. 14 S., R. 69 E., were suspended by Director's memorandum dated April 7, 2000.

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. 789, dated April 14, 2000.

The direction and distances of the lines of this survey were obtained by Trimble 4700 Global Positioning System 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 equivalents of ground distances only are entered in the field notes.

The intersections of section lines with the right-of-way lines of Interstate Highway No. 15 were determined from ties made to Nevada Department of Transportation monuments as hereinafter described in the field notes of the metes-and-bounds surveys.

The geographic position NAD83 (1994), of the corner of sections 2, 3, 34 and 35, as determined by ties made to U.S. Coast and Geodetic Survey station "FOLLY" is as follows:

Latitude 36°45'11.22" N. Longitude 114°15'19.65" W.

The mean magnetic declination is 15° E., as shown on U.S.G.S. quadrangle map "MOAPA PEAK SE" dated 1969.

DEPENDENT RESURVEY OF THE THIRD STANDARD PARALLEL SOUTH,
THROUGH A PORTION OF RANGE 68 EAST,
MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	Reestablishment of the Independent Resurvey Executed by R.C. Yundt, U.S. Surveyor, in 1934
	Beginning at the standard cor. of Tps. 12 S., Rs. 68 and 69 E., on the Third Standard Parallel South, monumented with an iron post 3 ins. diam., set in a mound of stone, with brass cap mkd. as described in the field notes of the 1934 independent resurvey executed by R.C. Yundt, under Group No. 178.
	N. 89°56'10" W., on the south boundary of sec. 36.
5.30	Underground gas line, bears NE-SW.
13.334	The closing cor. of secs. 1 and 6, hereinafter described.
40.018	The standard $^{1}/_{4}$ sec. cor. of sec. 36, T. 12 S., R. 68 E., monumented with an iron post, 1 in. diam., set in a mound of stone, with brass cap mkd. as described in the field notes of the 1934 independent resurvey.
	DEPENDENT RESURVEY OF A PORTION OF THE EAST BOUNDARY, T. 13 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA
	Reestablishment of the Independent Resurvey Executed by C.S. Swanholm, U.S. Cadastral Engineer and F. Sadler, U.S. Transitman, in 1933-34 Superseding the Survey Executed by W.H. Myrick, U.S. Surveyor, in 1881
	From the cor. of secs. 25, 30, 31 and 36, monumented with an iron post, 2 ins. diam., set in a collar of stone, with brass cap mkd. as described in the field notes of the 1933-34 resurvey, and a mound of stone west of the corner.
	N. 0°01'20" E., bet. secs. 25 and 30.
1.412	Intersect the southerly right-of-way line of Interstate Highway No. 15 and right-of-way fence, bears ESE and N. 81°18'40" W.
	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.
	T13S R69E R70E ROW S25 S30
	2000
13.719	Intersect the northerly right-of-way line of Interstate Highway No. 15 and right-of-way fence, bears ESE and N. 81°18'40" W.
	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.

DEPENDENT RESURVEY OF A PORTION OF THE EAST BOUNDARY
T. 13 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	T13S R69E R70E S25 | S30 ROW 2000
39.969	Point for the 1/4 sec. cor. of secs. 25 and 30 at proportionate dist. falls in a wash draining north; there is no remaining evidence of the original corner. Not monumented.
79.938	The cor. of secs. 19, 24, 25 and 30, monumented with an iron post, 1 in. diam., set in concrete, with brass cap mkd. as described in the field notes of the 1933-34 resurvey, and a mound of stone west of the corner.

INDEPENDENT RESURVEY OF THE WEST BOUNDARY,
T. 13 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA

This Independent Resurvey Supersedes the Survey Executed by W.H. Myrick, U.S. Deputy Surveyor, in 1881. A diligent search was made for the original corners and none were found.

	From the cor. of secs. 1, 6, 31 and 36, Tps. 13 and 14 S., Rs. 68 and 69 E., monumented with a stainless steel post, $2^1/_2$ ins. diam. projecting 4 ins. above the ground with brass cap mkd. as described in the field notes of the concurrent resurvey of the west boundary of T. 14 S., R. 69 E., executed by R.A. Zaninovich under this same group, and a mound of stone south of the corner. North, bet. secs. 31 and 36.
40.000	Point for the 1/4 sec. cor. of secs. 31 and 36. 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. T13S R68E R69E 1/4 S36 | S31 2000 Raise a mound of stone west of the corner.
54.90	Underground telephone line, E-W.
57.50	Power transmission line, E-W.
71.090	Intersect the southerly right-of-way line of Interstate Highway No. 15 and right-of-way fence, bears N. 77°30'00" E., and WSW. 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.

INDEPENDENT RESURVEY OF THE WEST BOUNDARY,
T. 13 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	T13S R68E R69E ROW S36 S31 2000
80.000	Point for the cor. of secs. 25, 30, 31 and 36. 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. T13S R68E R69E S25 S30 S36 S31 2000 Raise a mound of stone west of the corner. Land, gently rolling. Soil, sandy gravel. Undergrowth, creosote and cacti.
	North, bet. secs. 25 and 30.
2.000	Intersect the northerly right-of-way line of Interstate Highway No. 15 and right-of-way fence, bears N. 77°30'10" E., and WSW. 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. T13S R68E R69E S25 S30 ROW 2000
40.000	Point for the 1/4 sec. cor. of secs. 25 and 30. 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, 5 ft. base, to top, with brass cap mkd. T13S R68E R69E 1/4 S25 S30 2000
80.000	Point for the cor. of secs. 19, 24, 25 and 30. 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.

INDEPENDENT RESURVEY OF THE WEST BOUNDARY,
T. 13 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	T13S R68E R69E S24 | S19 S25 | S30 2000 Raise a mound of stone west of the corner. Land, gently rolling. Soil, sandy gravel. Undergrowth, creosote and cacti.
	North, bet. secs. 19 and 24.
40.000	Point for the 1/4 sec. cor. of secs. 19 and 24. Set a stainless steel post, 28 ins. long, $2^1/_2$ ins. diam., 16 ins. in the ground, over a plastic-encased magnet and in a mound of stone, 4 ft. base, to top, with brass cap mkd. T13S R68E R69E 1/4 S24 | S19 2000
80.000	Point for the cor. of secs. 13, 18, 19 and 24. 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. T13S R68E R69E S13 | S18 S24 | S19 2000 Land, gently rolling. Soil, sandy gravel. Undergrowth, creosote and cacti.
	North, bet. secs. 13 and 18.
27.90	Power transmission line, bears NE-SW.
40.000	Point for the 1/4 sec. cor. of secs. 13 and 18. 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 collar of stone, with brass cap mkd.

INDEPENDENT RESURVEY OF THE WEST BOUNDARY,
T. 13 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	T13S R68E R69E 1/4 S13 | S18 2000
80.000	Point for the cor. of secs. 7, 12, 13 and 18. 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 collar of stone, with brass cap mkd. T13S R68E R69E S12 | S 7 --- S13 | S18 2000 Land, gently rolling. Soil, sandy gravel. Undergrowth, creosote and cacti.
	North, bet. secs. 7 and 12.
40.000	Point for the 1/4 sec. cor. of secs. 7 and 12. 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. T13S R68E R69E 1/4 S12 | S 7 2000 Raise a mound of stone west of the corner.
80.000	Point for the cor. of secs. 1, 6, 7 and 12. 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. T13S R68E R69E S 1 | S 6 --- S12 | S 7 2000 Land, gently rolling. soil, sandy gravel. Undergrowth, creosote and cacti.

INDEPENDENT RESURVEY OF THE WEST BOUNDARY,
T. 13 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	North, bet. secs. 1 and 6.
40.000	Point for the 1/4 sec. cor. of secs. 1 and 6. Set a stainless steel post, 28 ins. long, $2^1/_2$ ins. diam., 16 ins. in the ground, over a plastic-encased magnet and in a mound of stone, 3 ft. base, to top, with brass cap mkd. T13S R68E R69E 1/4 S 1 | S 6 2000
80.000	Point for the 80 1/16 sec. cor. of secs. 1 and 6. 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, 4 ft. base, to top, with brass cap mkd. 1/16 S 1 | S 6 80 2000
87.80	Underground gas line, bears NE-SW.
96.468	Point for the closing cor. of secs. 1 and 6, at intersection with the north boundary (Third Standard Parallel South). Set a stainless steel post, 28 ins. long, $2^1/_2$ ins. diam., 16 ins. in the ground, over a plastic-encased magnet and in a mound of stone, 3 ft. base, to top, with brass cap mkd. T12S R68E S36 S 1 | S 6 R68E R69E T13S CC 2000 From this corner the standard cor. of Tps. 12 S., Rs. 68 and 69 E., hereinbefore described, bears S. 89°56'10" E., 13.334 chs. dist.

INDEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 13 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	This Independent Resurvey Supersedes the Survey Executed by W.H. Myrick, U.S. Deputy Surveyor, in 1881. A diligent search was made for the original corners and none were found.
	From the cor. of secs. 1, 2, 35 and 36, on the south boundary of the Tp., mounumented with a stainless steel post, $2^1/_2$ ins. diam., projecting 4 ins. above the ground with brass cap mkd. as described in the field notes of the concurrent resurvey of the north boundary of T. 14 S., R. 69 E., executed by R.A. Zaninovich under this same group, and a mound of stone west of the corner.
	N. 0°00'40" W., bet. secs. 35 and 36.
27.80	Power transmission line, bears NW-SE.
37.00	Underground telephone line, bears NW-SE.
40.000	Point for the 1/4 sec. cor. of secs. 35 and 36.
	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.
	T13S R69E 1/4 S35 | S36 2000
	Raise a mound of stone west of the corner.
	From this corner the southeast corner of a 2.06 acre fenced portion of a millsite (N-71432), bears N. 21°22'20" E., 2.890 chs. dist.
80.000	Point for the cor. of secs. 25, 26, 35 and 36.
	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.
	T13S R69E S26 | S25 --- S35 | S36 2000
	Raise a mound of stone west of the corner.
	Land, rolling. Soil, sandy gravel. Undergrowth, creosote and cacti.
	From the cor. of secs. 25, 30, 31 and 36 on the east boundary of the Tp., hereinbefore described.
	N. 89°40'50" W., bet. secs. 25 and 36.
40.001	Point for the 1/4 sec. cor. of secs. 25 and 36.

INDEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 13 S., R. 69 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. T13S R69E S25 1/4 —— S36 2000
	Raise a mound of stone north of the corner.
64.40	Nevada State Highway No. 170, bears N-S.
80.002	The cor. of secs. 25, 26, 35 and 36.
	Land, rolling. Soil, sandy gravel. Undergrowth, creosote and cacti.
	N. 0°00'40" W., bet. secs. 25 and 26.
16.51	Right-of-way fence.
16.580	Intersect the southerly right-of-way line of Interstate Highway No. 15, at curve, concave NE.
30.744	Intersect the northerly right-of-way line of Interstate Highway No. 15 and right-of-way fence, at curve, concave NW.
40.000	Point for the 1/4 sec. cor. of secs. 25 and 26.
	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. T13S R69E 1/4 S26 | S25 2000
	Raise a mound of stone west of the corner. From this corner U.S. Coast and Geodetic Survey station "PINK", monumented with a standard brass tablet set in concrete, mkd. PINK 1956, bears N. 7°39'50" E., 10.726 chs. dist.
80.000	Point for the cor. of secs. 23, 24, 25 and 26.
	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. T13S R69E S23 | S24 —————— S26 | S25 2000
	Raise a mound of stone west of the corner.

INDEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 13 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	Land, rolling. Soil, sandy gravel. Undergrowth, creosote and cacti.
	From the cor. of secs. 19, 24, 25 and 30, on the east boundary of the Tp., hereinbefore described.
	N. 89°39'00" W., bet. secs. 24 and 25.
40.017	Point for the 1/4 sec. cor. of secs. 24 and 25.
	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. T13S R69E S24 1/4 S25 2000
	Raise a mound of stone north of the corner.
80.034	The cor. of secs. 23, 24, 25 and 26.
	Land, rolling to gently rolling. Soil, sandy gravel. Undergrowth, creosote and cacti.
	From the cor. of secs. 2, 3, 34 and 35, on the south boundary of the Tp., monumented with a stainless steel post, $2^1/_2$ ins. diam., projecting 4 ins. above the ground with brass cap mkd. as described in the field notes of the concurrent resurvey of the north boundary of T. 14 S., R. 69 E., executed by R.A. Zaninovich under this same group, and a mound of stone west of the corner.
	From this corner U.S. Coast and Geodetic Survey station "FOLLY", monumented with a standard brass tablet set in concrete, mkd. FOLLY 1956, bears S. 34°53'50" W., 55.908 chs. dist.
	N. 0°01'20" W., bet. secs. 34 and 35.
40.000	Point for the 1/4 sec. cor. of secs. 34 and 35.
	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. T13S R69E 1/4 S34 | S35 2000
60.80	Power transmission line, bears E-W.
60.90	Underground telephone line, bears E-W.
80.000	Point for the cor. of secs. 26, 27, 34 and 35.

INDEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 13 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	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. T13S R69E S27 | S26 S34 | S35 2000 From this corner the northwest corner of a 0.12 acre fenced portion of a communications site (N-62937), bears S. 24°33'20" E., 18.800 chs. dist. Land, gently rolling. Soil, sandy gravel. Undergrowth, creosote and cacti.
	From the cor. of secs. 25, 26, 35 and 36. N. 89°43'40" W., bet. secs. 26 and 35.
40.000	Point for the 1/4 sec. cor. of secs. 26 and 35. 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. T13S R69E S26 1/4 S35 2000
80.000	The cor. of secs. 26, 27, 34 and 35. Land, gently rolling. Soil, sandy gravel. Undergrowth, creosote and cacti.
	N. 0°01'20" W., bet. secs. 26 and 27.
40.000	Point for the 1/4 sec. cor. of secs. 26 and 27. 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. T13S R69E 1/4 S27 | S26 2000 From this corner U.S. Coast and Geodetic Survey station "BUSH", monumented with a standard brass tablet set in concrete, mkd. BUSH 1956, bears S. 65°30'40" W., 19.449 chs. dist.
52.57	Right-of-way fence, bears SE and NW.

INDEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 13 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
52.634	Intersect the southerly right-of-way line of Interstate Highway No. 15, at curve, concave SW.
65.953	Intersect the northerly right-of-way line of Interstate Highway No. 15 and right-of-way fence, at curve, concave SW.
80.000	Point for the cor. of secs. 22, 23, 26 and 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. T13S R69E S22 | S23 S27 | S26 2000 Raise a mound of stone west of the corner. Land, gently rolling. Soil, sandy gravel. Undergrowth, creosote and cacti.
	From the cor. of secs. 23, 24, 25 and 26. N. 89°43'40" W., bet. secs. 23 and 26.
40.000	Point for the 1/4 sec. cor. of secs. 23 and 26. Set a stainless steel post, 28 ins. long, $2^1/_2$ ins. diam., 22 ins. in the ground, over a plastic-encased magnet, with brass cap mkd. T13S R69E S23 1/4 S26 2000 Raise a mound of stone north of the corner.
80.000	The cor. of secs. 22, 23, 26 and 27. Land, gently rolling. Soil, sandy gravel. Undergrowth, creosote and cacti.
	From the cor. of secs. 3, 4, 33 and 34, on the south boundary of the Tp., monumented with a stainless steel post, $2^1/_2$ ins. diam., set in a mound of stone, with brass cap mkd. as described in the field notes of the concurrent resurvey of the north boundary of T. 14 S., R. 69 E., executed by R.A. Zaninovich under this same group. N. 0°02'00" W., bet. secs. 33 and 34.
40.000	Point for the 1/4 sec. cor. of secs. 33 and 34. 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.

INDEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 13 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	T13S R69E 1/4 S33 | S34 2000
	Raise a mound of stone west of the corner.
57.50	Power transmission line, bears E-W.
57.60	Underground telephone line, bears E-W.
80.000	Point for the cor. of secs. 27, 28, 33 and 34.
	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.
	T13S R69E S28 | S27 S33 | S34 2000
	From this corner the southeast corner of a 0.18 acre fenced portion of a communications site (Nev 051785), bears N. 65°06'40" W., 18.556 chs. dist.
	Land, gently rolling. Soil, sandy gravel. Undergrowth, creosote and cacti.
	From the cor. of secs. 26, 27, 34 and 35.
	N. 89°43'40" W., bet. secs. 27 and 34.
40.000	Point for the 1/4 sec. cor. of secs. 27 and 34.
	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.
	T13S R69E S27 1/4 S34 2000
80.000	The cor. of secs. 27, 28, 33 and 34.
	Land, gently rolling. Soil, sandy gravel. Undergrowth, creosote and cacti.
	N. 0°02'00" W., bet. secs. 27 and 28.
40.000	Point for the 1/4 sec. cor. of secs. 27 and 28.

INDEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 13 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	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 mound of stone, 3 ft. base, to top, with brass cap mkd. T13S R69E 1/4 S28 | S27 2000
46.650	Intersect the southerly right-of-way line of Interstate Highway No. 15, bears N. 77°32'10" E., and S. 77°31'30" W.
48.21	Right-of-way fence, bears NE and SW.
57.57	Right-of-way fence, bears NE and SW.
59.132	Intersect the northerly right-of-way line of Interstate Highway No. 15, bears N. 77°32'10" E., and S. 77°31'30" W.
80.000	Point for the cor. of secs. 21, 22, 27 and 28. 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. T13S R69E S21 | S22 S28 | S27 2000 Land, gently rolling. Soil, sandy gravel. Undergrowth, creosote and cacti.
	From the cor. of secs. 22, 23, 26 and 27. N. 89°43'40" W., bet. secs. 22 and 27.
40.000	Point for the 1/4 sec. cor. of secs. 22 and 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. T13S R69E S22 1/4 S27 2000 Raise a mound of stone north of the corner.
80.000	The cor. of secs. 21, 22, 27 and 28. Land, gently rolling. Soil, sandy gravel. Undergrowth, creosote and cacti.

INDEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 13 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	From the cor. of secs. 4, 5, 32 and 33, on the south boundary of the Tp., monumented with a stainless steel post, $2^1/_2$ ins. diam., set in a mound of stone, with brass cap mkd. as described in the field notes of the concurrent resurvey of the north boundary of T. 14 S., R. 69 E., executed by R.A. Zaninovich under this same group.
	N. 0°02'40" W., bet. secs. 32 and 33.
40.000	Point for the 1/4 sec. cor. of secs. 32 and 33.
	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.
	T13S R69E 1/4 S32 | S33 2000
52.70	Underground telephone line, bears E-W.
55.30	Power transmission line, bears E-W.
80.000	Point for the cor. of secs. 28, 29, 32 and 33.
	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.
	T13S R69E S29 | S28 --- S32 | S33 2000
	Raise a mound of stone west of the corner.
	Land, gently rolling. Soil, sandy gravel. Undergrowth, creosote and cacti.
	From the cor. of secs. 27, 28, 33 and 34.
	N. 89°43'40" W., bet. secs. 28 and 33.
17.80	Underground telephone line, bears N-S.
17.90	Power transmission line, bears N-S.
40.000	Point for the 1/4 sec. cor. of secs. 28 and 33.
	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.

INDEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 13 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	T13S R69E S28 1/4 —— S33 2000
80.000	The cor. of secs. 28, 29, 32 and 33.
	Land, gently rolling. Soil, sandy gravel. Undergrowth, creosote and cacti.
	N. 0°02'40" W., bet. secs. 28 and 29.
29.372	Intersect the southerly right-of-way line of Interstate Highway No. 15 and right-of-way fence, bears N. 77°31'30" E., and S. 77°30'50" W.
39.51	Right-of-way fence, bears NE and SW.
40.000	Point for the 1/4 sec. cor. of secs. 28 and 29.
	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.
	T13S R69E 1/4 S29 | S28 2000
	Raise a mound of stone west of the corner.
41.055	Intersect the northerly right-of-way line of Interstate Highway No. 15, bears N. 77°31'30" E., and S. 77°30'50" W.
80.000	Point for the cor. of secs. 20, 21, 28 and 29.
	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.
	T13S R69E S20 | S21 —————— S29 | S28 2000
	Raise a mound of stone west of the corner.
	Land, gently rolling. Soil, sandy gravel. Undergrowth, creosote and cacti.
	From the cor. of secs. 21, 22, 27 and 28.
	N. 89°43'40" W., bet. secs. 21 and 28.
40.000	Point for the 1/4 sec. cor. of secs. 21 and 28.

INDEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 13 S., R. 69 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. T13S R69E S21 1/4 —— S28 2000 Raise a mound of stone north of the corner.
80.000	The cor. of secs. 20, 21, 28 and 29. Land, gently rolling. Soil, sandy gravel. Undergrowth, creosote and cacti.
	From the cor. of secs. 5, 6, 31 and 32, on the south boundary of the Tp., monumented with a stainless steel post, $2^1/_2$ ins. diam., set in a collar of stone, with brass cap mkd. as described in the field notes of the concurrent resurvey of the north boundary of T. 14 S., R. 69 E., executed by R.A. Zaninovich under this same group. N. 0°03'20" W., bet. secs. 31 and 32.
40.000	Point for the 1/4 sec. cor. of secs. 31 and 32. 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, 4 ft. base, to top, with brass cap mkd. T13S R69E 1/4 S31 | S32 2000 From this corner U.S. Coast and Geodetic Survey station "J160", monumented with a standard brass tablet set in a concrete post, mkd. J160 1935, bears N. 42°13'10" E., 19.064 chs. dist.
54.20	Underground telephone line, bears E-W.
57.00	Power transmission line, bears E-W.
80.000	Point for the cor. of secs. 29, 30, 31 and 32. Set a stainless steel post, 28 ins. long, $2^1/_2$ ins. diam., 16 ins. in the ground, over a plastic-encased magnet and in a mound of stone, 3 ft. base, to top, with brass cap mkd. T13S R69E S30 | S29 —————— S31 | S32 2000

INDEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 13 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	Land, gently rolling. Soil, sandy gravel. Undergrowth, creosote and cacti.
	From the cor. of secs. 28, 29, 32 and 33.
	N. 89°43'40" W., bet. secs. 29 and 32.
40.000	Point for the 1/4 sec. cor. of secs. 29 and 32.
	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. T13S R69E S29 1/4 S32 2000
	Raise a mound of stone north of the corner.
80.000	The cor. of secs. 29, 30, 31 and 32.
	Land, gently rolling. Soil, sandy gravel. Undergrowth, creosote and cacti.
	N. 89°43'40" W., bet. secs. 30 and 31.
40.000	Point for the 1/4 sec. cor. of secs. 30 and 31.
	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, 4 ft. base, to top, with brass cap mkd. T13S R69E S30 1/4 S31 2000
49.805	Intersect the southerly right-of-way line of Interstate Highway No. 15 and right-of-way fence, bears N. 77°30'20" E., and S. 77°30'00" W.
80.000	Point for the 80 1/16 sec. cor. of secs. 30 and 31.
	Set a stainless steel post, 28 ins. long, $2^1/_2$ ins. diam., 14 ins. in the ground, over a plastic-encased magnet and in a mound of stone, 3 ft. base, to top, with brass cap mkd. S30 1/16 S31 80 2000
89.149	The cor. of secs. 25, 30, 31 and 36, on the west boundary of the Tp., hereinbefore described.

INDEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 13 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	Land, gently rolling. Soil, sandy gravel. Undergrowth, creosote and cacti.
	From the cor. of secs. 29, 30, 31 and 32.
	N. 0°03'20" W., bet. secs. 29 and 30.
11.275	Intersect the southerly right-of-way line of Interstate Highway No. 15 and right-of-way fence, bears N. 77°30'50" E., and S. 77°30'20" W.
22.182	Intersect the northerly right-of-way line of Interstate Highway No. 15 and right-of-way fence, bears N. 77°30'50" E., and S. 77°30'10" W.
40.000	Point for the 1/4 sec. cor. of secs. 29 and 30. 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. T13S R69E 1/4 S30 | S29 2000
80.000	Point for the cor. of secs. 19, 20, 29 and 30. 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. T13S R69E S19 | S20 S30 | S29 2000
	Land, gently rolling. Soil, sandy gravel. Undergrowth, creosote and cacti.
	From the cor. of secs. 20, 21, 28 and 29.
	N. 89°43'40" W., bet. secs. 20 and 29.
40.000	Point for the 1/4 sec. cor. of secs. 20 and 29. 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. T13S R69E S20 1/4 S29 2000

INDEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 13 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	Raise a mound of stone north of the corner.
80.000	The cor. of secs. 19, 20, 29 and 30.
	Land, gently rolling. Soil, sandy gravel. Undergrowth, creosote and cacti.
	N. 89°43'40" W., bet. secs. 19 and 30.
40.000	Point for the 1/4 sec. cor. of secs. 19 and 30.
	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. T13S R69E 1/4 S19/S30 2000
80.000	Point for the 80 1/16 sec. cor. of secs. 19 and 30.
	Set a stainless steel post, 28 ins. long, $2^1/_2$ ins. diam., 10 ins. in the ground, over a plastic-encased magnet and in a mound of stone, 4 ft. base, to top, with brass cap mkd. 1/16 S19/S30 80 2000
89.055	The cor. of secs. 19, 24, 25 and 30, on the west boundary of the Tp., hereinbefore described.
	Land, gently rolling. Soil, sandy gravel. Undergrowth, creosote and cacti.

METES-AND-BOUNDS SURVEYS OF INTERSTATE HIGHWAY NO. 15,
T. 13 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA

From the point of intersection of the line bet. secs. 31 and 36, on the west boundary of the Tp. with the southerly right-of-way line of Interstate Highway No. 15, hereinbefore described.

from which

A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OE 935+70.48 DIST 71.82, bears S. 83°58'10" W., 17.026 chs. dist.

A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OE OW 935+70.48 DIST OE 124.15 OW 180.35, bears N. 86°23'40" W., 17.611 chs. dist.

METES-AND-BOUNDS SURVEYS OF INTERSTATE HIGHWAY NO. 15,
T. 13 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	N. 77°30'00" E., on the southerly right-of-way line of Interstate Highway No. 15 through sec. 31.
	Along right-of-way fence.
16.386	Point from which centerline station OE 957+68.46 bears N. 12°30'00" W. 3.008 chs. dist.
	from which
	A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OE 957+68.46 DIST 141.70, bears N. 12°30'00" W., 0.861 chs. dist.
	A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OE OW 957+68.46 DIST OE 280.22 OW 24.28, bears N. 12°30'00" W., 7.253 chs. dist.
40.301	The point of intersection with the line bet. secs. 30 and 31.

	N. 77°30'20" E., on the southerly right-of-way line of Interstate Highway No. 15 through sec. 30.
	Along right-of-way fence.
14.008	Point from which centerline station OE 982+71.53 bears N. 12°29'40" W., 3.008 chs. dist.
	from which
	A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OE 982+71.53 DIST 84.58, bears N. 12°29'40" W., 1.726 chs. dist.
	A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OE OW 982+71.53 DIST OE 134.53 OW 169.97, bears N. 12°29'40" W., 5.046 chs. dist.
48.871	Point from which centerline station OE 1005+72.26 bears N. 12°29'40" W., 3.008 chs. dist.
	from which
	A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OE 1005+72.26 DIST 70.66, bears N. 12°29'40" W., 1.937 chs. dist.
	A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OE OW 1005+72.26 DIST OE 130.98 OW 173.52, bears N. 12°29'40" W., 4.992 chs. dist.
50.999	The point of intersection with the line bet. secs. 29 and 30.

	N. 77°30'50" E., on the southerly right-of-way line of Interstate Highway No. 15 through sec. 29.
	Along right-of-way fence.
28.178	Point from which centerline station OE 1025+72.22 bears N. 12°29'10" W., 3.008 chs. dist.

METES-AND-BOUNDS SURVEYS OF INTERSTATE HIGHWAY NO. 15,
T. 13 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	from which A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OE 1025+72.22 DIST 196.39, bears N. 12°29'10" W., 0.032 chs. dist. A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OE OW 1025+72.22 DIST OE 28.60 OW 275.90, bears N. 12°29'10" W., 3.441 chs. dist.
61.508	Point from which centerline station OE 1047+72.75 bears N. 12°29'10" W., 3.008 chs. dist. from which A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OE 1047+72.75 DIST 75.05, bears N. 12°29'10" W., 1.871 chs. dist. A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OE OW 1047+72.75 DIST OE 151.45 OW 153.05, bears N. 12°29'10" W., 5.302 chs. dist.
81.921	The point of intersection with the line bet. secs. 28 and 29.
	N. 77°31'30" E., on the southerly right-of-way line of Interstate Highway No. 15 through sec. 28. Along right-of-way fence.
5.073	Point from which centerline station OE 1064+54.29 bears N. 12°28'30" W., 3.008 chs. dist. from which A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OE 1064+54.29 DIST 70.85, bears N. 12°28'30" W., 1.934 chs. dist. A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OE OW 1064+54.29 DIST OE 124.24 OW 180.26, bears N. 12°28'30" W., 4.890 chs. dist.
30.790	Point from which centerline station OE 1081+51.39 bears N. 12°28'30" W., 3.008 chs. dist. from which A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OE 1089+51.39 DIST 75.43, bears N. 12°28'30" W., 1.865 chs. dist. A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OE OW 1089+51.39 DIST OW 181.15, bears N. 12°28'30" W., 4.877 chs. dist.
37.308	Point from which centerline station OW 1087+00.00 bears N. 0°46'55" E., 7.830 chs. dist.
	S. 0°46'55" W., beginning new measurement.

METES-AND-BOUNDS SURVEYS OF INTERSTATE HIGHWAY NO. 15,
T. 13 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	Leave right-of-way fence.
0.802	Point from which centerline station OW 1087+00.00 bears N. 0°46'55" E., 8.632 chs. dist.
	N. 77°31'30" E., beginning new measurement.
44.626	The point of intersection with the line bet. secs. 27 and 28.
	N. 77°32'10" E., on the southerly right-of-way line of Interstate Highway No. 15 through sec. 27.
5.635	Point from which centerline station OE 1118+86.60 bears N. 12°27'50" W., 3.788 chs. dist.
	from which
	A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OE 1118+86.60 DIST 90.57, bears N. 12°27'50" W., 2.416 chs. dist.
	A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OE OW 1118+86.60 DIST OE 133.03 OW 171.47, bears N. 12°27'50" W., 5.804 chs. dist.
29.10	Along right-of-way fence.
38.582	Point from which centerline station BE 36+23.91 PC bears N. 12°27'50" W., 3.788 chs. dist.
	from which
	A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA BE 36+23.91 DIST 43.28, bears N. 12°27'50" W., 4.444 chs. dist.
48.944	Intersect non-tangent curve.
	Thence on the arc of a non-tangent circular curve to the right having a radius of 4800 feet and a delta angle of 25°53'40"; the chord of said arc bears S. 81°13'30" E., 32.589 chs. dist.
32.868	The point of intersection with the line bet. secs. 26 and 27.
	Continue on circular curve to the right on the southerly right-of-way line of Interstate Highway No. 15 through sec. 26, having a radius of 4800 feet and a delta angle of 10°10'10"; the chord of said arc bears S. 63°11'35" E., 12.890 chs. dist.
	Along right-of-way fence.
12.907	Point of tangency.
	S. 58°06'30" E., beginning new measurement.
10.247	Point of curve.

127

METES-AND-BOUNDS SURVEYS OF INTERSTATE HIGHWAY NO. 15,
T. 13 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	Thence on the arc of a circular curve to left having a radius of 5200 feet and a delta angle of 10°04'20".
13.849	Point of tangency.
	S. 68°10'50" E., beginning new measurement.
47.948	Point of curve, from which centerline station AE 122+07.85 PC bears N. 21°49'10" E., 3.061 chs. dist.
	from which
	A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA AE 122+07.85 DIST 93.90, bears N. 21°49'10" E., 1.638 chs. dist.
	A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA AE 122+07.85 DIST 195.34, bears N. 21°49'10" E., 0.101 chs. dist.
	Thence on the arc of a circular curve to the left having a radius of 10,202 feet and a delta angle of 1°10'10".
2.20	Leave right-of-way fence.
3.153	The point of intersection with the line bet. secs. 25 and 26.
	Continue on circular curve to the left on the southerly right-of-way line of Interstate Highway No. 15 through sec. 25, having a radius of 10,202 feet and a delta angle of 6°53'30".
18.595	End of curve at a non-tangent intersection with easterly right-of-way of Nevada State Highway No. 170.
	S. 3°35'05" E., beginning new measurement, on the easterly right-of-way line of Nevada State Highway No. 170.
3.783	Intersect the southerly right-of-way line of eastbound on-ramp to Interstate Highway No. 15.
	Thence on the southerly right-of-way line of eastbound on-ramp to Interstate Highway No. 15 on the arc of a non-tangent circular curve to the right, having a radius of 2850 feet and a delta angle of 16°14'20"; the chord of said arc bears N. 84°00'40" E., 12.198 chs. dist.
	Along right-of-way fence.
12.239	End of curve at a non-tangent intersection with the southerly right-of-way line of Interstate Highway No. 15.
	S. 81°18'40" E., beginning new measurement.
1.092	Point from which centerline station AE 145+01.65 PT bears N. 8°41'20" E., 3.061 chs. dist.

CHAINS	
	from which A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA AE 145+01.65 DIST 72.36, bears N. 8°41'20" E., 1.964 chs. dist. A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA AE 145+01.65 DIST 42.91, bears N. 8°41'20" E., 3.711 chs. dist.
50.463	The point of intersection with the line bet. secs. 25 and 30 on the east boundary of the Tp., hereinbefore described. from which A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA AE 193+78.63 DIST 38.65, bears S. 87°04'20" E., 24.646 chs. dist. A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA AE 193+78.63 DIST 73.37, bears N. 89°02'10" E., 24.877 chs. dist.
	From the point of intersection of the line bet. secs. 25 and 30 on the west boundary of the Tp. with the northerly right-of-way line of Interstate Highway No. 15, hereinbefore described. from which A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OW 935+70.48 DIST 57.62, bears S. 71°06'50" W., 19.401 chs. dist. A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OE OW 935+70.48 DIST OE 124.15 OW 180.35, bears S. 60°51'20" W., 20.124 chs. dist. N. 77°30'10" E., on the northerly right-of-way line of Interstate Highway No. 15 through sec. 30. Along right-of-way fence.
14.022	Point from which centerline station OW 957+68.46 bears S. 12°29'50" E., 3.030 chs. dist. from which A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OW 957+68.46 DIST 127.61, bears S. 12°29'50" E., 1.097 chs. dist. A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OE OW 957+68.46 DIST OE 280.22 OW 24.28, bears S. 12°29'50" E., 3.398 chs. dist.
51.948	Point from which centerline station OW 982+71.53 bears S. 12°29'50" E., 3.030 chs. dist.

METES-AND-BOUNDS SURVEYS OF INTERSTATE HIGHWAY NO. 15,
T. 13 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	from which A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OW 982+71.53 DIST 55.93, bears S. 12°29'50" E., 2.183 chs. dist. A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OE OW 982+71.53 DIST OE 134.53 OW 169.97, bears S. 12°29'50" E., 5.606 chs. dist.
86.814	Point from which centerline station OW 1005+72.26 bears S. 12°29'50" E., 3.030 chs. dist. from which A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OW 1005+72.26 DIST 51.62, bears S. 12°29'50" E., 2.248 chs. dist. A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OE OW 1005+72.26 DIST OE 130.98 OW 173.52, bears S. 12°29'50" E., 5.659 chs. dist.
91.288	The point of intersection with the line bet. secs. 29 and 30.
	N. 77°30'50" E., on the northerly right-of-way line of Interstate Highway No. 15 through sec. 29. Along right-of-way fence.
25.823	Point from which centerline station OW 1025+72.22 bears S. 12°29'10" E., 3.030 chs. dist. from which A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OW 1025+72.22 DIST 47.44, bears S. 12°29'10" E., 2.312 chs. dist. A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OE OW 1025+72.22 DIST OE 28.60 OW 275.90, bears S. 12°29'10" E., 7.211 chs. dist.
59.159	Point from which centerline station OW 1047+72.75 bears S. 12°29'10" E., 3.030 chs. dist. from which A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OW 1047+72.75 DIST 71.49, bears S. 12°29'10" E., 1.947 chs. dist. A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OE OW 1047+72.75 DIST OE 151.45 OW 153.05, bears S. 12°29'10" E., 5.349 chs. dist.
77.795	Point from which centerline station OW 1059+55.00 bears S. 0°46'15" W., 3.113 chs. dist.
	N. 0°46'15" E., beginning new measurement.

METES-AND-BOUNDS SURVEYS OF INTERSTATE HIGHWAY NO. 15,
T. 13 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	Leave right-of-way fence.
0.778	Point from which centerline station OW 1059+55.00 bears S. 0°46'15" W., 3.891 chs. dist.
	N. 77°30'50" E., beginning new measurement.
4.116	The point of intersection with the line bet. secs. 28 and 29.
	N. 77°31'30" E., on the northerly right-of-way line of Interstate Highway No. 15 through sec. 28.
2.556	Point from which centerline station OW 1064+54.29 bears S. 12°28'30" E., 3.788 chs. dist. from which A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OW 1064+54.29 DIST 58.67, bears S. 12°28'30" E., 2.899 chs. dist. A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OE OW 1064+54.29 DIST OE 124.24 OW 180.26, bears S. 12°28'30" E., 6.519 chs. dist.
28.277	Point from which centerline station OW 1081+51.39 bears S. 12°28'30" E., 3.788 chs. dist. from which A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OW 1081+51.39 DIST (no dist), bears S. 12°28'30" E., 2.904 chs. dist. A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OE OW 1089+51.39 DIST OW 181.15, bears S. 12°28'30" E., 6.533 chs. dist.
81.921	The point of intersection with the line bet. secs. 27 and 28.
	N. 77°32'10" E., on the northerly right-of-way line of Interstate Highway No. 15 through sec. 27.
2.952	Point from which centerline station OW 1118+86.60 bears S. 12°27'50" E., 3.788 chs. dist. from which A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OW 1118+86.60 DIST 93.50, bears S. 12°27'50" E., 2.371 chs. dist. A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OE OW 1118+86.60 DIST OE 133.03 OW 171.47, bears S. 12°27'50" E., 6.386 chs. dist.
34.859	Point from which centerline station OW 1139+92.23 PC bears S. 12°27'50" E., 3.788 chs. dist.

METES-AND-BOUNDS SURVEYS OF INTERSTATE HIGHWAY NO. 15,
T. 13 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	from which A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OW 1139+92.23 DIST 43.27, bears S. 12°27'50" E., 4.443 chs. dist.
54.010	Intersect non-tangent curve.
	Thence on the arc of a non-tangent circular curve to the right, having a radius of 5400 feet and a delta angle of 19°32'00"; the chord of said arc bears S. 79°08'50" E., 27.758 chs. dist.
5.65	Along right-of-way fence.
27.893	The point of intersection with the line bet. secs. 26 and 27.
	Continue on circular curve to the right on the northerly right-of-way line of Interstate Highway No. 15 through sec. 26, having a radius of 5400 feet and a delta angle of 11°16'20"; the chord of said arc bears S. 63°44'40" E., 16.072 chs. dist. Along right-of-way fence.
16.098	Point of tangency.
	S. 58°06'30" E., beginning new measurement.
14.131	Point of curve.
	Thence on the arc of a circular curve to the left, having a radius of 4425 feet and a delta angle of 10°04'20".
11.785	Point of tangency.
	S. 68°10'50" E., beginning new measurement.
39.126	Point of curve, from which centerline station OW 1222+24.83 PC bears S. 21°49'10" W., 6.061 chs. dist. from which A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OW 1222+24.83 DIST 27.25, bears S. 21°49'10" W., 5.648 chs. dist. A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OW 1222+24.83 DIST 20.88, bears S. 21°49'10" W., 6.377 chs. dist.
	Thence on the arc of a circular curve to the left, having a radius of 9600 feet and a delta angle of 1°28'00".
3.725	Intersect non-tangent curve.

CHAINS	
	Thence on the arc of a non-tangent circular curve to the left, having a radius of 2850 feet and a delta angle of 4°23'10"; the chord of said arc bears N. 86°59'00" E., 3.305 chs. dist.
3.306	The point of intersection with the line bet. secs. 25 and 26.
	Continue on the arc of a circular curve to the left on the northerly right-of-way line of Interstate Highway No. 15 through sec. 25, having a radius of 2850 feet and a delta angle of 1°16'10"; the chord of said arc bears N. 84°09'20" E., 0.956 chs. dist.
	Along right-of-way fence.
0.956	Point of reverse curve.
	Thence on the arc of a circular curve to the right, having a radius of 850 feet and a delta angle of 69°52'30"; the chord of said arc bears S. 61°32'30" E., 14.751 chs. dist.
15.706	Intersect non-tangent curve.
	Thence on the arc of a non-tangent circular curve to the left, having a radius of 9700 feet and a delta angle of 4°26'50".
11.407	Point of tangency, from which centerline station OW 1245+18.63 PT bears S. 8°41'20" W., 4.545 chs. dist.
	from which
	A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OW 1245+18.63 W 139+73.34 DIST 94.22, bears S. 8°41'20" W., 3.118 chs. dist.
	A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA OW 1245+18.63 W 139+73.34 DIST 43.54, bears S. 8°41'20" W., 5.205 chs. dist.
	S. 81°18'40" E., beginning new measurement.
28.689	Point from which centerline station W 158+66.88 bears S. 8°41'20" W., 4.545 chs. dist.
	from which
	A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA W 158+66.88 DIST 189.62, bears S. 8°41'20" W., 1.672 chs. dist.
	A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA W 158+66.88 DIST 86.26, bears S. 8°41'20" W., 3.238 chs. dist.
55.515	The point of intersection with the line bet. secs. 25 and 30, on the east boundary of the Tp., hereinbefore described.

133

METES-AND-BOUNDS SURVEYS OF INTERSTATE HIGHWAY NO. 15,
T. 13 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

from which

A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA W 188+46.40 DIST 170.60, bears S. 75°12'00" E., 18.422 chs. dist.

A standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA W 188+46.40 DIST 72.47, bears S. 70°39'10" E., 18.639 chs. dist.

GENERAL DESCRIPTION

The average elevation of the area surveyed is about 600 meters. General drainage is to the south. Vegetation consists of creosote and cacti. Interstate Highway No. 15 passes through sections 25, 26, 27, 28, 29, 30 and 31.

134

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Thomas E. Casinger	Cadastral Surveyor
Stephen R. Lambeth	Cadastral Surveyor
Richard L. Jones	Cadastral Surveyor
Benjamin E. Mizell	Land Surveyor (Trainee)
Quintin Boyles	Land Surveyor (Trainee)
Clay W. Morrow	Surveying Technician
Edith Diaz	Survey Aid

135

CERTIFICATE OF SURVEY

I, Richard A. Zaninovich, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 14th day of April, 2000, I have dependently resurveyed the Third Standard Parallel South, through a portion of Range 68 East, and a portion of the east boundary, and independently resurveyed the west boundary and a portion of the subdivisional lines, and executed metes-and-bounds surveys of Interstate Highway No. 15, Township 13 South, Range 69 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.

5-21-01
(Date)

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Reno, Nevada

The foregoing field notes of the dependent resurvey of the Third Standard Parallel South, through a portion of Range 68 East, and a portion of the east boundary, the independent resurvey of the west boundary and a portion of the subdivisional lines, and metes-and-bounds surveys of Interstate Highway No. 15, Township 13 South, Range 69 East, Mount Diablo Meridian, Nevada, executed by Richard A. Zaninovich, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

5/31/01
(Date)

(Chief Cadastral Surveyor, Nevada)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 13 S., R. 69 E., M.D.M., Nevada, is a true copy of the original field notes.~~

~~(Date)~~

~~(Chief Cadastral Surveyor, Nevada)~~