**ORIGINAL** 

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION OF THE FIFTH STANDARD PARALLEL NORTH (SOUTH BOUNDARY), A PORTION OF THE SUBDIVISIONAL LINES,

THE SUBDIVISION OF SECTIONS 25, 26, 27, 33 AND 34

AND THE METES-AND-BOUNDS SURVEYS IN CERTAIN SECTIONS

TOWNSHIP 21 NORTH, RANGE 8 EAST,

OF THE GILA AND SALT RIVER MERIDIAN,

IN THE STATE OF ARIZONA.

## **EXECUTED BY**

Gordon R. Bubel, Cadastral Surveyor

Under Special Instructions dated, July 31, 2002, approved July 31, 2002, which provided for the surveys included under Group No. 894, and assignment instructions dated July 31, 2002.

Survey commenced September 5, 2002
Survey completed May 5, 2003

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RANGE 8 EAST

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Township 21 North, Range 8 East, Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the Fifth Standard Parallel North (S. Bdy.), a portion of the subdivisional lines, the subdivision of sections 25, 26, 27, 33 and 34, and the metes-and-bounds surveys in certain sections, Township 21 North, Range 8 East, Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this resurvey is as follows: A portion of the Fifth Standard Parallel North (S. Bdy.), and portions of the east boundary and subdivisional lines were surveyed by John L. Harris in 1879. In 1902 Carl R. Caudle and Marvin Caudle completed the survey of the Fifth Standard Parallel North (S. Bdy.) and the subdivisional lines, and resurveyed a portion of the Fifth Standard Parallel North (S. Bdy.), and the subdivisional lines. U.S. Forest Service Surveyor Thomas F. Myers surveyed Homestead Entry Survey No. 639 in 1923, and in 1968 Charles C. Doak, U.S. Forest Surveyor, retraced and remonumented H.E.S. # 639. Certain original corners were remonumented by H.H. Thomas in 1968, L.D. Gilbert in 1970 and H.K. Smith in 1972. In 1974 Howard L. Petersen resurveyed portions of the Fifth Standard Parallel North (S. Bdy.), east boundary and subdivisional lines and subdivided sections 25, 26, 35 and 36 and performed an informative traverse of the center line of the Walnut Canyon approach road.

The survey was executed in accordance with the specifications as set forth in the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and the Special Instructions dated July 31, 2002, for Group No. 894, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation 5700 model receivers.

Geodetic control was derived from first order National Geodetic Survey triangulation station C504, and as published by the National Geodetic Survey, NAD 83 (1992). The geographic position of the 1/4 sec. cor. of secs. 25 and 36, is as follows:

Latitude: 35°10'00.13" N. Longitude: 111°29'51.21" W. NAD83(1992)

The mean magnetic declination is 12° E.

CHAINS

Restoring the resurvey executed by Carl R. Caudle and Marvin Caudle, in 1902

Beginning at the stan. cor. of secs. 34 and 35, monumented with a sandstone, 15 X 11 X 4 ins., firmly set, 12 ins. in the ground, no marks visible.

from which the original bearing trees

- A ponderosa pine, 29 ins. diam., bears N. 10°41' E., 89 lks. dist., with a healed over blaze.
- A ponderosa pine, 26 ins. diam., bears N. 75° W., 17 lks. dist., with scribe marks XXIN RVIIE XXXIV visible on partially opened blaze.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.

Deposit a magnet in a white plastic case at the base of the stainless steel post.

Bury the sandstone alongside the stainless steel post.

Cor. is located at the westerly edge of a track road, bears S.  $10^{\circ}$  E. and N.  $10^{\circ}$  W.

S. 88°55' W., on the S. bdy. of sec. 34.

Over rolling and mountainous land, through pine timber.

14.03 From this point, the closing cor. to secs. 2 and 3, T. 20 N., R. 8 E., bears N., 17 lks. dist., determined from the remains of the original bearing tree

A ponderosa pine, 21 ins. diam., bears S. 46° E., 13 lks. dist., mkd. TXXIN RVII II on an opened blaze.

and the remains of an unrecorded bearing tree

CHAINS

A stump hole, bears N. 10° W., 33 lks. dist., with a dead and down ponderosa pine, mkd XX and other illegible scribe marks lying loose alongside. (Note: The bearing and dist. of record for the remaining original bearing tree is: S. 10° W., 33 lks.)

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.

Т2	T21N						
	<b>S</b> 3	4					
s	3	s					
T20	М	R	3E				
CC							
	2002						

Deposit a magnet in a white plastic case at the base of the stainless steel post.

Raise a mound of stone, 4 ft. base, 2 ft. high, S. of cor.

Found lying loose nearby, a 3 ins. squared, wood post, mkd. N R VIII III, in a mound of stone, 3 ft. base, 1 ft. high.

Bury the wood post alongside the stainless steel post.

40.57

The stan. 1/4 sec. cor. of sec. 34, determined from the lone remaining bearing tree

A ponderosa pine, 33 ins. diam., bears N. 17°08' W., 107 lks. dist., with scribe marks BT visible on an opened blaze.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.

SC T21N R8E 1/4 S34

2002

CHAINS					
Sizano	Deposit a magnet in a white plastic case at the base of the stainless steel post.				
	Cor. is located on moderately steep N. facing slope.				
	N. 89°09' W., beginning new measurement.				
	Over mountainous land, through dense pine timber.				
19.605	Point for the stan. W. 1/16 sec. cor. of sec. 34.				
	Not monumented.				
39.21	The stan. cor. of secs. 33 and 34, monumented with a sandstone, 22 X 12 X 11 ins., firmly set, 6 ins. in the ground, mkd. with 3 grooves on the E. and N. faces.				
	from which the original bearing trees				
	A ponderosa pine, 19 ins. diam., bears N. 7° E., 48 lks. dist., with no marks visible. (Record: N. 11°15' E., 46 lks.)				
	A ponderosa pine, 22 ins. diam., bears N. 23° W., 72.5 lks. dist., with a healed over blaze. (Record: N. 15°45' W., 71 lks.)				
	At the corner point				
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 10 ins. in the ground, in a mound of stone, 5 ft. base, to top, with brass cap mkd.				
	sc				
	T21N R8E				
	S33 S34 				
	2002				
	Deposit a magnet in a white plastic case at the base of the stainless steel post.				
	Deposit the marked stone, within the mound of stone.				
	S. 89°50' W., on the S. bdy. of sec. 33.				
	Across canyon, through dense pine timber.				
1					

CHAINS 14.99	From this point, the closing cor. to secs. 3 and 4, T. 20 N., R. 8 E., bears N., 6 lks. dist., monumented with a sandstone, 18 X 14 X 7 ins., firmly set, in a mound of stone, 3 ft. base, 1 ft. high, mkd. with 3 grooves on E. and W. edges and CC on the S. face.
	from which the original bearing trees
	A pine stump, 17 ins. diam., bears S. 32°50' E., 55 lks. dist., with a cut out portion of stump, 30 ins. long, marked T20N R8E, lying loose nearby.
	A pine stump, 16 ins. diam., 36 ins. high, bears S. 20° W., 115 lks. dist., with illegible faint scribe marks visible on partially opened blaze.
15.045	Point for the stan. W-E-E 1/256 sec. cor. of sec. 33.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 13 ins. in the ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd.
	SC
	T21N R8E
	W-E-E 1/256
	\$33
	2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
20.06	Point for the stan. E. 1/16 sec. cor. of sec. 33.
	Not monumented.
40.12	Point for the stan. 1/4 sec. cor. of sec. 33, at proportionate dist.; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 15 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	sc
	T21N R8E
	1/4 \$33
	2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.

CHAINS	
	Cor. is located on steep, N. facing slope of Walnut Canyon, about 100 ft. above canyon bottom.
80.24	The stan. cor. of secs. 32 and 33, monumented with a sandstone, 18 X 10 X 10 ins., firmly set, 8 ins. in the ground, mkd. with 4 grooves on the E. face, 2 grooves on the W. face and SC on the N. face.
	from which the original bearing trees
	A ponderosa pine snag, 18 ins. diam., bears N. 70° E., 75 lks. dist., mkd. SC T21N R8E S33 BT on an open blaze. (Record: N. 56°50' E)
	A ponderosa pine, 17 ins. diam., bears N. 53°55' W., 31 lks. dist., with scribe marks BT visible on partially opened blaze.
	At the corner point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.
	SC T21N R8E S32   S33
	2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
	Bury the marked stone alongside the stainless steel post.
	Cor. is located on steep N. facing slope of a side canyon, bearing ENE and WSW.

CHAINS

Restoring the survey executed by John L. Harris, in 1879, the survey executed by Carl R. Caudle and Marvin Caudle, in 1902, and the resurvey executed by Howard L. Petersen, in 1974

From the 1/4 sec. cor. of secs. 25 and 36, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 15 ins. above ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd. T21N R8E 1/4 S25 S36 1974.

from which an original bearing tree

A piñon snag, 16 ins. diam., bears S. 21°20' W., 55 lks. dist., with illegible scribe marks visible, on a partially healed blaze.

and bearing trees marked in 1974

- A piñon snag, 14 ins. diam., bears S. 41 1/2° W., 37 lks. dist., with scribe marks X BT visible on partially opened blaze.
- A ponderosa pine snag, 21 ins. diam., bears N. 12 3/4° W., 89 lks. dist., with a healed blaze.

Add the marks 2002 to the brass cap.

Cor. is located 1.5 lks. S. of a fence cor. with four strand barbed wire fences bearing N. and E.

Over mountainous land, through pine and juniper timber.

S. 89°34' W., bet. secs. 25 and 36.

- 14.50 Rim of Walnut Canyon, bears SE and NW, thence descend into canyon.
- The cor. of secs. 25, 26, 35 and 36, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 16 ins. above ground, in a mound of stone, 4 ft. base, 1 ft., high, with brass cap mkd. T21N R8E S26 S25 S35 S36 1974.

from which the original bearing trees

A ponderosa pine, 26 ins. diam., bears S. 18° E., 34 lks. dist., with a healed blaze.

CHAINS	
	A piñon, 12 ins. diam., bears S. 78 3/4° W., 18 lks. dist., mkd. R8E S35 BT on a partially healed blaze.
	Add the marks 2002 to the brass cap.
	Cor. is located on the rim of Walnut Canyon, bears SE and NW.
	N. 0°06' E., bet. secs. 25 and 26.
	Across Walnut Canyon.
39.99	The 1/4 sec. cor. of secs. 25 and 26, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above ground, in a collar of stone, with brass cap mkd. T21N R8E 1/4 S26 S25 1974.
	from which an original bearing tree
	A piñon, 26 ins. diam., bears N. 84°40' W., 78 lks. dist., mkd. 1/4 S26 BT on a partially healed over blaze.
	and bearing trees marked in 1974
	A piñon, 19 ins. diam., bears N. 52° E., 85 lks. dist., with scribe marks T21N R8E 1/4 S25 BT visible on partially opened blaze.
	A juniper, 10 ins. diam., bears S. 85° W., 66 lks. dist., mkd. 1/4 S26 BT on an open blaze.
	Add the marks 2002 to the brass cap.
	Cor. located adjacent to a 4 strand barbed wire fence, bears E.
	N. 0°18' W., beginning new measurement.
	Over rolling land, through dense ponderosa pine.
1.70	Center of pavement, Walnut Canyon Approach Road, 26 ft. wide, in curve, bears N. 70° E. and S. 70° W.
1.75	Intersect the center line of the Walnut Canyon approach road, at a point from which U.S. Bureau of Public Roads station 149 + 01.50 P.T., bears S. 69°17' W., 2.14 chs. dist.

(	CH	1/	٩I	N	S

From this point, a U.S. Bureau of Public Roads center line reference monument for station 149 + 01.50 P.T., bears S. 43°10' W., 2.41 chs. dist., monumented with a brass disk, 3 ins. diam., set in a concrete form, 16 ins. diam., firmly set, projecting 3 ins. above ground, with top mkd. U.S. BUREAU OF PUBLIC ROADS 149 + 01.50 195 70 + 00 B.M. ELEV. 6711.42.

From this same point, another U.S. Bureau of Public Roads center line reference monument for station 149 + 01.50 P.T., bears N. 82°27' W., 2.40 chs. dist., monumented with a brass disk, 3 ins. diam., set in a concrete form, 16 ins. diam., firmly set, projecting 2 ins. above ground, with top mkd. U.S. BUREAU OF PUBLIC ROADS 149 + 01.50 1956 75 + 00 B.M. ELEV. 6709.86.

10.145

Point for a witness point, at intersection with the westerly boundary of Walnut Canyon Approach Road, on the arc of a circular curve to the right.

Set an aluminum drive rod, 36 ins. long, 3/4 in. diam., 29 ins. in the ground, in a mound of stone, 3 ft. base, to top, with aluminum cap mkd.



From this point, station 146 + 99.91 P.C.S., on the westerly boundary of Walnut Canyon approach road, bears S. 62°09' W., 2.38 chs. dist., hereinafter described.

10.465

Point erroneously established, at intersection with the westerly boundary of Walnut Canyon approach road, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 17 ins. above ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd. S26 S25 ROW 1974.

Add the marks T21N R8E 2002 to the brass cap.

Cor. is located 4.5 lks. S. 60° W. from a fence cor., with 4 strand barbed wire fences bearing N. and N. 60° E.

14.56

From this point, the cor. of woven wire fences, bearing S. and W., enclosing a sewage pond, bears W., 56 lks. dist.

19.04

Cor. of fences, with four strand, barbed wire bearing N. and S., and split rail bearing E. and W.

CHAINS	
19.30	Point for an angle point, on the metes-and-bounds survey in sec. 26, designated angle point 4, sec. 26.
	Set an aluminum drive rod, 36 ins. long, 3/4 in. diam., 30 ins. in the ground, encircled with a collar of stone, with aluminum cap mkd.
	T21N R8E  S26   S25  AP  WCNM    2002
19.68	Center of Forest Service Road No. 303, graded gravel, 16 ft. wide, bears E. and W.
19.97	The N. 1/16 sec. cor. of secs. 25 and 26, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 9 ins. above ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	T21N R8E
	N 1/16
	\$26   \$25 1974
	from which the 1974 bearing trees
	A piñon, 18 ins. diam., bears S. 24° E., 119 lks. dist., with a healed blaze. (Record: 113 lks.)
	A ponderosa pine, 30 ins. diam., bears S. 40 1/2° W., 101 lks. dist., with illegible scribe marks visible on partially opened blaze.
	Add the marks 2002 to the brass cap.
	N. 0°18' W., beginning new measurement.
	Over nearly level land, through pine timber.
19.93	The original closing cor. of secs. 25 and 26, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above ground, in a collar of stone, with a mound of stone, 3 1/2 ft. base, 1 1/2 ft. high to the N, with brass cap mkd. T21N R8E S24 CC S25 S26 1974.
	from which the original bearing trees

#### CHAINS

- A ponderosa pine, 31 ins. diam., bears S. 42 1/2° E., 159 lks. dist., with a healed blaze.
- A ponderosa pine, 37 ins. diam., bears S. 2 1/4° W., 188 lks. dist., with a healed blaze.

and the 1974 bearing trees

- A juniper, 13 ins. diam., bears N. 35 1/2° E., 57 lks. dist., mkd. XBT on an open blaze.
- A ponderosa pine, 34 ins. diam., bears N. 16 1/2° W., 55 lks. dist., with scribe marks XBT visible on partially opened blaze.

Chisel the marks AM across the face of the brass cap and add the marks 2002 to the same.

Destroy the accessory mound of stone.

19.97

Point for the closing cor. of secs. 25 and 26, at intersection with S. bdy. of sec. 24.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

S2	4					
s26	s25					
T21N	R8E					
cc						
2002						

Deposit a magnet in a white plastic case at the base of the stainless steel post.

Raise a mound of stone, 4 ft. base, 2 ft. high, S. of cor., burying the 1974 iron post.

From this point, the cor. of secs. 23 and 24 only, bears S. 89°39' W., 1.305 chs. dist., hereinafter described.

From the 1/4 sec. cor. of sec. 24 only, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 26 ins. above ground, in a mound of stone, 3 1/2 ft. base, to top, with brass cap mkd. T21N R8E 1/4 S24 1974.

from which the remains of the original bearing tree

CHA	
	A stump hole, bears N. 15° E., 71.2 lks. dist., with a piñon stump, 10 ins. diam., alongside, no marks visible.
	and the remains of the bearing trees marked in 1974
	A juniper stump, 13 ins. diam., 12 ins. high, bears s. 39° W., 13 lks. dist., with scribe marks XBT visible on partially opened blaze.
	A juniper stump, 14 ins. diam., 16 ins. high, bears N. 13° W., 68.8 lks. dist., with illegible scribe marks visible on a partially cut out blaze.
	Add the marks 2002 to the brass cap.
	S. 89°39' W., bet. secs. 24 and 25.
11.4	Point for a witness point, at intersection with the easterly boundary of Walnut Canyon Approach Road, in tangent.
	Set an aluminum drive rod, 32 ins. long, 3/4 in. diam., 29 ins. in the ground, encircled with a collar of stone, with aluminum cap mkd.
	WP
	T21N R8E W / S24
	<u>c</u>
	$\frac{N}{M}$ S25
	2002
	Cor. is located 3.5 lks. E. of a four strand barbed wire fence, bears N. 15° E. and S. 15° W.
	From this point, station 109 + 31.70 P.T., on the easterly right-of-way of Walnut Canyon approach road, bears N. 15°29' E., 10.57 chs. dist., hereinafter described.
19.3	Center of pavement, Walnut Canyon approach road, 26 ft. wide, bears N. 16° E. and S. 16° W.
19.3	Intersect the center line of the Walnut Canyon approach road.
	Not monumented.
27.2	Point for a witness point, at intersection with the westerly boundary of Walnut Canyon approach road, in tangent.
1	

CHAINS	

Set an aluminum drive rod, 32 ins. long, 3/4 in. diam., 26 ins. in the ground, encircled with a collar of stone, with aluminum cap mkd.

Cor. is located 2.5 lks. E. of a four strand barbed wire fence, bears NNE and SSW.

From this point, station 109 + 31.70 P.T., on the westerly right-of-way of Walnut Canyon approach road, bears N. 15°29' E., 14.865 chs. dist., hereinafter described.

- 39.725 The closing cor. of secs. 25 and 26, hereinbefore described, thence continuing measurement bet. secs. 24 and 26.
- The cor. of secs. 23 and 24 only, remonumented in 1970, with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. T21N R8E S23 S24 S26 1970.

from which the remaining original bearing tree

A ponderosa pine, 32 ins. diam., bears N. 79°46' W., 176 lks. dist., mkd. IV on an opened up blaze. (1974 Record: 179 lks.)

and the bearing tree marked in the 1970 remonumentation

A ponderosa pine, 25 ins. diam., bears N. 12° E., 127 lks. dist., with scribe marks 21N R8E S24 B visible on partially opened blaze.

Add the marks 2002 to the brass cap.

N. 0°22' W., bet. secs. 23 and 24.

Over rolling land, through pine and juniper timber.

39.86 Point for the 1/4 sec. cor. of sec. 24 only, at midpoint on the W. bdy. of sec. 24.

Not monumented.

CHAINS	
40.10	6 strand over head power line, bears E. and W.
40.25	The 1/4 sec. cor. of sec. 23 only, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 15 ins. above ground, in a mound of stone, 4 ft. base, 1 ft. high, with brass cap incorrectly mkd. T21N R8E 1/4 S23 S24 1974.
	Remark the brass cap to read
	T21N R8E 1/4   S23   2002 1974
	from which the 1974 bearing trees
	A juniper, 11 ins. diam., bears N. 77 1/2° E., 41 lks. dist., with scribe marks T21N R8E 1/4 visible on partially opened blaze.(Record markings: XBT)
	A ponderosa pine, 11 ins. diam., bears N. 35° W., 58 lks. dist., with a healed over blaze.
	Cor. is located in a 4 strand barbed wire fence, bears E. and W.
	N. 0°18' W., beginning new measurement.
28.03	Point for a witness point, at intersection with the westerly boundary of Walnut Canyon approach road, in tangent.
	Set an aluminum drive rod, 34 ins. long, 3/4 in. diam., 28 ins. in the ground, encircled with a collar of stone, with aluminum cap mkd.
	WP
	T21N R8E
	W C N M S23 S24
	2002
	Cor. is located in a 4 strand barbed wire fence bears SSE and NNW.

CHAINS	
·	From this point, station 70 + 69.81 P.C., on the westerly right-of-way of Walnut Canyon approach road, bears S. 13°46' E., 3.68 chs. dist., hereinafter described.
39.46	The closing cor. of secs. 13 and 24, on the E. bdy. of sec. 23, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 12 ins. above ground, in a mound of stone, 3 ft. base, 1 ft. high, with a mound of stone, 3 ft. base, 1 ft. high to the W., with brass cap mkd. T21N R8E S23 CC S13 S24 1974.
	from which the original bearing trees
	A ponderosa pine, 20 ins. diam., bears N. 32° E., 188 lks. dist., with a healed blaze.
	A ponderosa pine, 38 ins. diam., bears S. 10° E., 98 lks. dist., with a healed blaze.
	Rebuild the accessory mound of stone, 3 ft. base, 1 ft. high, E. of the cor.
	Add the marks 2002 to the brass cap.
40.25	The cor. of secs. 14 and 23 only, remonumented in 1972 with an iron post, 2 1/2 ins. diam., firmly set, projecting 14 ins. above ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd. T21N R8E S14 S13 S23 1972.
	from which the original bearing trees
	A ponderosa pine, 20 ins. diam., bears N. 48°05' E., 125 lks. dist., with a healed blaze. (This is the same tree as the NE bearing tree for the closing cor. of secs. 13 and 24.)
	A ponderosa pine, 38 ins. diam., bears S. 6°55' E., 174 lks. dist., with a healed blaze. (This is the same tree as the SE bearing tree for the closing cor. of secs. 13 and 24.)
	A rotting pine stump, 32 ins. diam., 12 ins. high, bears S. 83°51' W., 143 lks. dist., with a lone scribe mark visible.
	A rotting pine stump, 38 ins. diam., 18 ins. high, bears S. 5°26' W., 101 lks. dist., with no marks visible.
	and the bearing tree marked in the 1972 remonumentation

#### CHAINS

A juniper, 9 ins. diam., bears N. 73° W., 98 lks. dist., with scribe marks T21N R8E S14BT visible on partially opened blaze.

Add the marks 2002 to the brass cap.

From the 1/4 sec. cor. of secs. 13 and 24, remonumented in 1968, with an iron post, 2 1/2 ins. diam., firmly set, projecting 20 ins. above ground, in a mound of stone, 4 ft. base, 1 1/2 ft. high, with brass cap mkd. T21N R8E 1/4 S13 S24 1968.

from which the remaining original bearing tree

A piñon, 15 ins. diam., bears N. 21 3/4° E., 111 lks. dist., with scribe marks BT visible on partially opened blaze. (Record: N. 23°30' E.)

Add the marks 2002 to the brass cap.

S. 89°43' W., bet. secs. 13 and 24.

Over rolling land, through pine and juniper timber.

6.43 Intersect line 1-2, H.E.S. No. 639.

From this point, Cor. No. 1 and original closing cor., H.E.S. No. 639, bears N. 45°19' E., 12.5 lks. dist., monumented with a sand stone, 9 X 8 X 6 ins., firmly set, 6 ins. in the ground, mkd. with 1 HES on NW face.

from which a bearing tree marked in the 1968 Forest Service remonumentation

A juniper limb, 14 ins. diam., bears N. 78° E., 113 lks. dist., with scribe marks 1HES 639 BT visible on partially opened blaze.

Cor. not remonumented.

From this same point, Cor. No. 2, H.E.S. No. 639, bears S. 45°19' W., 1.67 chs. dist., remonumented in 1968 with an iron post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above ground, with brass cap mkd. HES 639 2 S24 T21N R8E LS4476 1967.

from which a bearing tree marked in the 1968 Forest Service remonumentation

CHAINS	
	A piñon, 14 ins. diam., bears N. 80° E., 30 lks. dist., with scribe marks 2HES639BT visible on partially opened blaze.(Record: East)
8.59	Intersect line 2-3, H.E.S. No. 639.
	From this point, Cor. No. 3 and original closing cor., H.E.S. No. 639, bears N. 39°53' W., 17.5 lks. dist., monumented with a sand stone, 12 X 9 X 6 ins., firmly set, 7 ins. in the ground, mkd. with 3 HES on NE face.
	from which a bearing tree marked in the 1968 Forest Service remonumentation
	A rotted piñon stump, 14 ins. diam., bears S. 22° E., 43 lks. dist., with a 24 X 8 ins. portion of the blaze lying loose nearby, mkd. 3HES 639 BT
	Cor. not remonumented
	From this same point, Cor. No. 2, H.E.S. No. 639, bears S. 39°53' E., 1.52 chs. dist., hereinbefore described.
28.14	Point for a witness point, at intersection with the easterly boundary of Walnut Canyon approach Road, in tangent.
	Set an aluminum drive rod, 36 ins. long, 3/4 in. diam., 33 ins. in the ground, encircled with a collar of stone, with aluminum cap mkd.
	WD
	WP T21N R8E
	W   S13
	c c
	N S24
	M
	2002
	Cor. is located in a 4 strand barbed wire fence bears SSE and NNW.
	From this point, station 59 + 15.58 P.T., on the easterly right-of-way of Walnut Canyon approach road, bears N. 13°46' W., 5.665 chs. dist., hereinafter described.
35.92	Center of pavement, Walnut Canyon approach road, 26 ft. wide, bears S. 14° E. and N. 14° W.
35.925	Intersect the center line of the Walnut Canyon approach road.

CHAINS	
40.97	The closing cor. of secs. 13 and 24.
	From the cor. of secs. 14 and 23 only.
	N. 0°11' E., bet. secs. 13 and 14.
	Over rolling and broken land.
13.155	Intersect the center line of the Walnut Canyon approach Road, on the arc of a circular curve to the right.
	Not monumented.
	From this point, center line station 57 + 41.05 P.C.S., bears S. 24°10' E., 8.36 chs. dist., hereinafter described.
13.18	Center of pavement, Walnut Canyon approach Road, 26 ft. wide, in curve tangents bears S. 30° E. and N. 30° W.
24.875	Point for a witness point, at intersection with the easterly boundary of Walnut Canyon approach Road, on the arc of a circular curve to the right.
	Set an aluminum drive rod, 42 ins. long, 3/4 in. diam., 32 ins. in the ground, in a mound of stone, 3 ft. base, to top, with aluminum cap mkd.
	WP
	T21N R8E
	S14 S13
	WC NM
	2002
	From this point, the point for station 38 + 93.33 P.S.C, on the easterly boundary of Walnut Canyon approach Road, bears N. 58°13' W., 14.405 chs. dist., hereinafter described.
28.47	Four strand barbed wire fence, bears S. 68° E. and N. 68° W.
41.39	The 1/4 sec. cor. of secs. 13 and 14, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 12 ins. above ground, in a mound of stone, 3 ft. base, 1 ft. high, with a mound of stone, 3 ft. base, 1 ft. high, to the W., with brass cap mkd. T21N R8E 1/4 S14 S13 1974.

CHAINS	
	from which the remains of the original bearing trees
	A stump hole, bears N. 88 1/4° E., 27 lks. dist., with a dead and down piñon, 10 ins. diam., lying loose alongside, mkd. 1/4 S13 BT on a fading blaze.
	A stump hole, bears S. 75° W., 51 lks. dist., with a dead and down piñon, 11 ins. diam., lying loose alongside, mkd. 1/4 S14 BT on a partially healed over blaze.
	Add the marks 2002 to the brass cap.
	N. 0°27' W., beginning new measurement.
16.52	Intersect the southerly right-of-way of U.S. Interstate Highway No. 40, designated angle point 13, sec. 14, at a point from which a right-of-way monument bears S. 83°30'30" E., 18 lks. dist., hereinafter described.
17.65	South edge of pavement, eastbound U.S. Interstate Highway No. 40, bears S. 84° E. and N. 84° W.
18.28	North edge of pavement, eastbound U.S. Interstate Highway No. 40, bears S. 84° E. and N. 84° W.
20.79	South edge of pavement, westbound U.S. Interstate Highway No. 40, bears S. 84° E. and N. 84° W.
21.33	North edge of pavement, westbound U.S. Interstate Highway No. 40, bears S. 84 $^{\circ}$ E. and N. 84 $^{\circ}$ W.
22.62	Intersect the northerly right-of-way of U.S. Interstate Highway No. 40, designated angle point 21, sec. 14, at a point from which a right-of-way monument bears S. 83°28'30" E., 42 lks. dist., hereinafter described.
40.90	Four strand barbed wire fence, bears S. 34° E. and N. 34° W.
41.18	The cor. of secs. 11, 12, 13 and 14, determined from the remaining original bearing tree
	A ponderosa pine, 24 ins. diam., bears S. 88 1/2° W., 194 lks. dist., with scribe marks BT visible on partially opened blaze.

#### CHAINS

Cor. point falls within the right-of-way of Burlington Northern and Sante Fe railroad, where it is impracticable to establish a permanent monument.

From the stan. cor. of secs. 34 and 35, on the S. bdy. of the Tp., hereinbefore described.

N. 0°07' W., bet. secs. 34 and 35.

Over rolling and mountainous land, through pine and juniper timber.

40.17

The 1/4 sec. cor. of secs. 34 and 35, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 18 ins. above ground, in a mound of stone, 3 ft. base, 1 ft. high, with a mound of stone, 3 ft. base, 2 ft. high to the W., with brass cap mkd. T21N R8E 1/4 S34 S35 1974.

from which the original bearing trees

- A ponderosa pine, 17 ins. diam., bears S. 25° E., 22 lks. dist., with a healed blaze. (Record: 21 lks.)
- A ponderosa pine, 19 ins. diam., bears S. 51 3/4° W., 30 lks. dist., with a healed blaze.

Add the marks 2002 to the brass cap.

Cor. is located in a 4 strand barbed wire fence, bears N. and S. and 3 lks. N. of fence cor. with 4 strand barbed wire fences bearing N. and E.

N. 0°07' E., beginning new measurement.

40.35

The cor. of secs. 34 and 35 only, monumented with an X chiseled 1 ft. above the base of a limestone wall, 20 ft. high, bearing SE and NW, with 2 grooves E. of the X and 1 groove S. of the X and a mound of stone, 4 ft. base, 2 ft. high to the W.

from which the bearing trees marked in 1974

- A piñon, 11 ins. diam., bears S. 10° E., 15 lks. dist., with scribe marks S35BT visible on partially opened blaze. (Record marks: XBT)
- A piñon, 10 ins. diam., bears S. 42° E., 85 lks. dist., with scribe marks XBT visible on partially opened blaze.

	Cor. is located on S. facing slope of Walnut Canyon, about 300 ft. above canyon floor.
	From the true point for the closing cor. of secs. 26 and 27, on the N. bdy. of sec. 34, hereinafter described.
	Point falls on the face of cliff, within Walnut Canyon, where a permanent monument would be impracticable.
	From this point, the cor. of secs. 34 and 35 only, bears N. 89°11' E., 2.10 chs. dist.
	N. 0°12' W., bet. secs. 26 and 27.
	Ascending steep cliff face of Walnut Canyon.
5.20	The witness cor. to the closing cor. of secs. 26 and 27, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 22 ins. above ground, in a mound of stone, 4 ft. base, 1 1/2 ft. high, with brass cap mkd. T21N R8E WC CC S27 S2 1974.
	from which the original bearing trees
	A piñon, 15 ins. diam., bears N. 64° E., 99 lks. dist., with faint illegible scribe marks visible on partially opened blaze. (1974 Record: 102 lks.)
	A piñon, 14 ins. diam., bears N. 37° W., 58 lks. dist., with scribe marks WC T21N R8E S27 visible on partially opened blaze.
	Add the marks 2002 to the brass cap.
	Cor. located 2.5 lks. E., of 4 strand barbed wire fence, bears N. and S.
	N. 0°12' W., beginning new measurement
	Ascending, through juniper, piñon and pine timber, in and along 4 strand barbed wire fence.
34.25	The 1/4 sec. cor. of secs. 26 and 27, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 12 ins. above ground, in a mound of stone, 3 1/2 ft. base, 1 ft. high, with brass cap mkd. T21N R8E 1/4 S27 S26 1974.

from which the original bearing trees

CHAINS	
	A ponderosa pine, 21 ins. diam., bears S. 41° E., 60 lks. dist., with a healed blaze.
	A ponderosa pine, 23 ins. diam., bears N. 52° W., 43 lks. dist., with illegible scribe marks visible on a partially healed blaze. (1974 Record: N. 37° W.)
	Add the marks 2002 to the brass cap.
	Cor. is located in a 4 strand barbed wire fence, bears N. and S.
	N. 0°04' W., beginning new measurement.
	Through pine, juniper and piñon timber, in and along 4 strand barbed wire fence.
17.22	Cor. of fences with split rail fence bearing E. and W., and barbed wire fence bearing N. and S.
17.38	Point for angle point 1, sec. 26, on a metes-and-bounds survey in sec. 26.
	Set an aluminum drive rod, 30 ins. long, 3/4 in. diam., 27 ins. in the ground, encircled with a collar of stone, with aluminum cap mkd.
	T21N R8E
	\$27  \$26
	AP
	WCNM
	2002
17.75	Center of Forest Service Developmental road No. 303, graded gravel, 16 ft. wide, bears E. and W.
20.11	The N. 1/16 sec. cor. of secs. 26 and 27, occupied by a ponderosa pine, 42 ins. diam., mkd. on the W. side of the tree, T21N R8E N1/16 S26 S2 on partially healed blaze.
	from which
	A ponderosa pine, 11 ins. diam., bears N. 55 1/4° W., 21.5 lks. dist., with a healed blaze.

Cł	4۶	١I	ΛS

From this cor., an iron pipe, of unknown origin, 2 ins. diam., firmly set, projecting 8 ins. above ground, bears S. 0 3/4° W., 4 lks. dist., with brass cap mkd. USDI N. 0 01 E., 2.5 ft. TO NW COR. WALNUT CANYON NAT. MON. N.P.S. and arrow pointing to the cor. tree.

N. 0°04' W., beginning new measurement.

## 20.11

The cor. of secs. 22, 23, 26 and 27, remonumented in 1970 with an iron post, 2 1/2 ins. diam., firmly set, projecting 14 ins. above ground, in a mound of stone, 3 ft. base, 1 ft. high, with brass cap mkd. T21N R8E S22 S23 S27 S26 1974 1970.

from which the original bearing trees

- A ponderosa pine, 28 ins. diam., bears N. 84°50' E., 30 lks. dist., with illegible scribe marks visible on a partially healed blaze.
- A ponderosa pine, 24 ins. diam., bears S. 17° E., 75 lks. dist., with the scribe marks NR8E visible on an opened up blaze.
- A ponderosa pine, 30 ins. diam., bears S. 17° W., 50 lks. dist., with scribe marks VIIIE XXVII visible on partially opened blaze.
- A ponderosa pine, 18 ins. diam., bears N. 12°08' W., 60 lks. dist., with scribe marks XXII visible on an opened up blaze.

Add the marks 2002 to the brass cap.

Cor. is located 4 lks. W., of a 4 strand barbed wire fence, bears N. and S.

N. 0°08' W., bet. secs. 22 and 23.

#### 40.19

The 1/4 sec. cor. of secs. 22 and 23, perpetuated by Michael D. Braden, Arizona Registered Land Surveyor No. 16292, in 1988, monumented with an aluminum pipe, 2 1/2 ins. diam., firmly set, projecting 7 ins. above ground, with a mound of stone, 2 ft. base, 1 ft. high to the E., with aluminum cap mkd. U.S. DEPT. OF AGRICULTURE T21N R8E 1/4 S22 S23 1988 CADASTRAL SURVEY FOREST SERVICE RLS 16292. This is accepted as a careful and faithful perpetuation of the position of the corner.

from which an original bearing tree

#### CHAINS

A ponderosa pine, 24 ins. diam., bears S. 21 1/2° W., 15 lks. dist., with scribe marks 4 S visible on partially opened blaze. (Record: S. 8° W.)

and a bearing tree marked by Braden

A ponderosa pine, 22 ins. diam., bears N. 88° E., 43 lks. dist., with scribe marks 1/4 S23 BT visible on an open blaze. (Braden Record: N. 85°30' E., 48.9 lks.)

Not remonumented.

Dismantle and rebuild mound of stone 3 ft. base, 2 ft. high W. of the aluminum pipe.

Cor. is located 10 lks. W. of a 4 strand barbed wire fence, bears N. and S.

N. 0°11' W., beginning new measurement.

0.79 8 strand overhead power line, bears E. and W.

40.09

The cor. of secs. 14, 15, 22 and 23, remonumented in 1970 with an iron post, 2 1/2 ins. diam., firmly set, projecting 5 ins. above ground, with a mound of stone, 2 ft. base, 1 ft. high to the W., with brass cap mkd. T21N R8E S15 S14 S22 S23 1970.

from which the original bearing trees

- A ponderosa pine, 25 ins. diam., bears N. 17° E., 98 lks. dist., no marks visible. (1879 Record: 91 lks.)
- A ponderosa pine, 29 ins. diam., bears N. 20° W., 75 lks. dist., mkd. INVIIIEXV on a partially opened blaze.

and the bearing trees marked in 1970

A ponderosa pine, 14 ins. diam., bears N. 7 1/2° E., 66 lks. dist., mkd. T21N R8E S14 BT on an open blaze. (Record: N. 10° E.)

An oak, 5 ins. diam., bears S. 80° E., 46 lks. dist., with a healed blaze.

An oak, 14 ins. diam., bears S. 68° W., 26 lks. dist., with a healed blaze.

Add the marks 2002 to the brass cap.

#### CHAINS

Cor. is located S. 35° W., 6 lks. dist. from a fence cor., with 4 strand barbed wire fences bearing S. and W.

From the cor. of secs. 14 and 23 only.

S. 89°52' W., bet. secs. 14 and 23.

Over rolling land, through pine and juniper timber.

2.93 Point for a witness point, at intersection with the westerly boundary of Walnut Canyon approach road, in tangent.

Set an aluminum drive rod, 42 ins. long, 3/4 in. diam., 37 ins. in the ground, encircled with a collar of stone, with aluminum cap mkd.

Cor. is located in a four strand barbed wire fence, bears SSE and NNW.

From this point, station 59 + 15.58 P.T., on the westerly right-of-way of Walnut Canyon approach road, bears N. 13°46' W., 1.215 chs. dist., hereinafter described.

40.16

The 1/4 sec. cor. of secs. 14 and 23, monumented with a sandstone, 19 X 14 X 6 ins., firmly set, 9 ins. in the ground, mkd. 1/4 on the N. face.

from which the remaining original bearing tree

A ponderosa pine, 38 ins. diam., bears N. 85° W., 169 lks. dist., with a healed blaze.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 14 ins. in the ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd.

CHAINS	
	molar pon
	T21N R8E
	S14
	1/4 ——
İ	S23
	2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Bury the marked stone alongside the stainless steel post.
	S. 89°11' W., beginning new measurement.
40.09	The cor. of secs. 14, 15, 22 and 23.
	N. 0°18' W., bet. secs. 14 and 15.
	Over rolling land, through pine and juniper timber.
40.28	The 1/4 sec. cor. of secs. 14 and 15, determined from the remains of the original bearing trees
	A rotting pine stump, 34 ins. diam., 24 ins. high, bears N. 21° E., 74 lks. dist.
	A rotting pine stump, 33 ins. diam., 30 ins. high, bears S. 8° W., 68 lks. dist.
	At the corner point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.
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	T21N R8E
	1/4
	S15   S14
	2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	N. 0°09' E., beginning new measurement.
38.13	Intersect the southerly right-of-way of U.S. Interstate Highway No. 40, designated angle point 1, sec. 14, at a point from which a right-of-way monument bears S. 74°04' E., 1.5 lks. dist., hereinafter described.

39.36	South edge of pavement, eastbound U.S. Interstate Highway No. 40, bears S. 74° E. and N. 74° W.
39.98	North edge of pavement, eastbound U.S. Interstate Highway No. 40, bears S. 74° E. and N. 74° W.
40.25	The cor. of secs. 10, 11, 14 and 15, perpetuated by Britt DeMuth, Arizona Registered Land Surveyor No. 15853, in 1989, using original and local control, monumented with an aluminum pipe, 2 1/2 ins. diam., firmly set, projecting 2 ins. above ground, with aluminum cap mkd. U.S. DEPT. OF AGRICULTURE T21N R8E S10 S11 S14 S15 1989 CADASTRAL SURVEY FOREST SERVICE RLS 15853. This is accepted as a careful and faithful perpetuation of the position of the corner.
	Not remonumented.
	Cor. is located in the median of U.S. Interstate Highway No. 40.
	From this cor. point, an iron rod, 5/8 in. diam., firmly set, projecting 1 in. above ground with 1 1/2 ins. diam., with brass cap mkd. AHD-P-F-4-S, bears N. 27°24' W., 12 lks. dist.
	From the cor. of secs. 11, 12, 13 and 14.
	S. 88°22' W., bet. secs. 11 and 14.
	Within the Burlington Northern and Sante Fe Railroad right-of-way.
0.20	5 strand barbed wire fence, bears S. 34° E. and N. 34° W., exit railroad right-of-way.
39.92	The 1/4 sec. cor. of secs. 11 and 14, monumented with an iron post, 2 ins. diam., firmly set, projecting 12 ins. above ground, in a mound of stone, 3 ft. base, 1 ft., high, with brass cap mkd. T21N R8E 1/4 S11 S14 1971.
	from which the original bearing trees
	A ponderosa pine, 38 ins. diam., bears N. 57 1/2° E., 21 lks. dist., with a healed blaze.
	A ponderosa pine, 40 ins. diam., bears S. 2° E., 44 lks. dist., with a healed blaze. (Record: S. 11° E.)
	A mound of stone, 3 ft. base, 2 ft. high, is N. of the iron post.

CHAINS	<b>Y</b>
SHAINS	Add the marks 2002 to the brass cap.
	From this cor., National Geodetic Survey triangulation station C504 1983, bears S. 20°53' W., 12.45 chs. dist., monumented with a brass disk, 3 1/2 ins. diam., cemented flush in a limestone slab, 7 x 6 ft., with top marked C504 1983 and a cross.
	S. 87°45' W., beginning new measurement.
19.85	Intersect the northerly right-of-way of U.S. Interstate Highway No. 40, designated angle point 14, sec. 14, monumented with a brass disk, 3 ins. diam., set in a concrete cylinder, 6 ins. diam., projecting 3 ins. above ground, with top mkd. ARIZONA HIGHWAY DEPT. 6648.76 1968.
	Cor. is located in a 4 strand barbed wire fence, bears S. 74° E. and N. 74° W.
24.70	Center of pavement, west bound exit ramp at Walnut Canyon interchange, U.S. Interstate Highway No. 40., 35 ft. wide, bears S. 74° E. and N. 74° W
31.12	North edge of pavement, westbound U.S. Interstate Highway No. 40, bears S. 74° E. and N. 74° W.
33.00	South edge of pavement, westbound U.S. Interstate Highway No. 40, bears S. 74° E. and N. 74° W.
40.28	The cor. of secs. 10, 11, 14 and 15.
	From the stan. cor. of secs. 33 and 34, on the S. bdy. of the Tp., hereinbefore described.
	N. 0°08' W., bet. secs. 33 and 34.
	Along easterly side of S. draining canyon.
10.04	Point for the S-S 1/64 sec. cor. of secs. 33 and 34.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.

CHAINS	
	T21N R8E
	s-s
	1/64
	S33   S34
	2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
15.00	Descend into Walnut Canyon.
20.08	Point for ths S. 1/16 sec. cor. of secs. 33 and 34.
	Not monumented.
39.00	Top of spur, slopes westerly.
40.16	The 1/4 sec. cor. of secs. 33 and 34, determined from the remains of an original bearing tree
	A ponderosa pine snag, 27 ins. diam., bears N. 75°20'E, 15 lks. dist., with scribe marks 1/4 S34 BT visible on a rotting blaze.
	At the corner point
	Set a brass tablet, 3 1/4 ins. diam., 3 1/2 ins. stem, in a drill hole, cemented in place, flush with the surface of a limestone blanket, with top mkd.
	T21N R8E
	1/4 S33   S34 2002
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	N. 0°04' W., beginning new measurement.
3.00	Descend into Walnut Canyon.
19.98	Point for the N. $1/16$ sec. cor. of secs. 33 and 34.
	Not monumented.
39.90	The cor. of secs. 27 and 34 only, monumented with an iron post, 2 1/2 ins. diam., firmly set set, projecting 10 ins. above ground, in a mound of stone, 3 ft. base, 1 ft. high, with brass cap mkd. T21N R8E S33 S27 S34 1974.

#### CHAINS

from which the original bearing trees

- A piñon, 18 ins. diam., bears N. 44 1/2° E., 77 lks. dist., with a healed over blaze. (1974 Record: 80 lks.)
- A piñon, 24 ins. diam., bears S. 12 1/2° E., 112 lks. dist., with scribe marks SBT visible on partially opened blaze.

Add the marks 2002 to the brass cap.

Cor. is located on steep, S. facing slope of a east draining side canyon.

N. 0°47' W., beginning new measurement, bet. secs. 27 and 33.

1.50

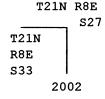
The NE cor. of sec. 33, monumented with a lime stone, 20 X 14 X 5 ins., firmly set, 8 ins. in the ground, in a mound of stone, 5 ft. base, 1 ft. high, mkd. with 1 groove on the S. face.

from which the original corner accessories

- A piñon, 15 ins. diam., bears S. 34° W., 76 lks. dist., with scribe marks T21N R8E S33 BT visible on partially opened blaze.
- A rock ledge, 4 ft. high, bears S. 29° W., 47 lks. dist., marked BR + on the top face.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, in a mound of stone, 6 ft. base, to top, with brass cap mkd.



Deposit a magnet in a white plastic case at the base of the stainless steel post.

Bury the marked stone alongside the stainless steel post.

CUAING	1. 21 N., K. & E., GIIA ANG SAIT RIVEL MELIGIAN, ALIZONA				
CHAINS	From the cor. of secs. 34 and 35, only.				
	S. 89°11' W., bet. secs. 26 and 34.				
2.10	True point for the closing cor. of secs. 26 and 27.				
	Thence, continuing measurement bet. secs. 27 and 34.				
	Over several crossings of Walnut Canyon.				
39.73	Point for the 1/4 sec. cor. of sec. 34 only, at proportionate dist.				
	Cor. point falls on side of canyon wall, were a permanent monument would be impracticable.				
42.15	Point for the 1/4 sec. cor. of sec. 27 only, at proportionate dist.				
	Cor. point falls on side of canyon wall, were a permanent monument would be impracticable.				
52.16	Point for the E-W 1/64 sec. cor. of sec. 27 only.				
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 13 ins. in the ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd.				
	T21N R8E E-W 1/64 S27				
	2002				
	Deposit a magnet in a white plastic case at the base of the stainless steel post.				
	Cor. is located on steep E. facing slope of Walnut Canyon, about 150 ft. above canyon floor.				
54.22	The witness cor. to the 1/4 sec. cor. of sec. 34 only, monumented with a limestone, 20 X 6 X 5 ins., loosely set, 5 ins. in the ground, mkd. 1/4 on the N. face.				
	from which the lone remaining original bearing tree				
	A juniper, 11 ins. diam., bears S. 9° E., 43 lks. dist., with scribe marks WC 1/4 SBT visible on an open blaze.				
	At the corner point				

CHAINS					
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 5 ins. in the ground, in a mound of stone, 5 ft. base, to top, with brass cap mkd.				
	WC				
	T21N R8E				
	1/4 S34				
	2002				
	Deposit a magnet in a white plastic case at the base of the stainless steel post.				
	Bury the marked stone alongside the stainless steel post.				
N. 89°44' W., beginning new measurement.					
	Ascending E. facing slope of Walnut Canyon.				
7.95	Point for the W. 1/16 sec. cor. of sec. 27 only.				
	Not monumented.				
9.815	Point selected for a witness point.				
	Set an aluminum drive rod, 30 ins. long, 3/4 in. diam., 26 ins. in the ground, with aluminum cap mkd.				
	WP T21N R8E				
	S27				
	S34				
	WCNM 2002				
2002					
13.00	Rim of Walnut Canyon, bears SE and NW.				
25.68	The cor. of secs. 27 and 34 only.				
From the cor. of secs. 27 and 28 only, monumented with a limestone, 15 X 10 X 10 ins., loosely set, 4 ins. in the gmkd. with 3 grooves on the E. and W. faces and 1 groove on N. face.					
	from which the original bearing trees				

CH	ΑI	N	S
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- A juniper, 17 ins. diam., bears N. 34° E., 17 lks. dist., with scribe marks TXXIN RVIIIE XXVII visible on an open blaze.
- A juniper, 16 ins. diam., bears N. 69° W., 46 lks. dist., with scribe marks TXXIN RVIIIE XXVIII visible on an open blaze.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 11 ins. in the ground, in a mound of stone, 7 ft. base, to top, with brass cap mkd.

Deposit a magnet in a white plastic case at the base of the stainless steel post.

Bury the marked stone alongside the stainless steel post.

Cor. is located on a S. facing slope of a side canyon, draining SE and on the S. side of a foot trail.

From this cor., the NE cor. of sec. 33, bears S. 89°52' E., 4.67 chs. dist.

N. 2°53' E., bet. secs. 27 and 28.

Ascending S. facing slope, through pine and juniper timber.

18.64 Point for the S. 1/16 sec. cor. of secs. 27 and 28.

Not monumented.

39.74 The 1/4 sec. cor. of secs. 27 and 28, monumented with a limestone, 23 X 16 X 6 ins., loosely set, 3 ins. in the ground, in an embedded mound of stone, mkd. 1/4 on the N. face.

from which the original bearing trees

A ponderosa pine, 28 ins. diam., bears N. 44°40' E., 20 lks. dist., with a healed blaze.

#### CHAINS

A burnt ponderosa pine stump, 20 ins. diam., 12 ins. high, bears S. 29°30' W., 70 lks. dist.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 17 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, to top, with brass cap mkd.

T21N R8E 1/4 S28 | S27 2002

Deposit a magnet in a white plastic case at the base of the stainless steel post.

Bury the marked stone alongside the stainless steel post.

Cor. is located 39 lks. N. and 24 lks. W. of a track road, 6 ft. wide, bears N. 32 $^{\circ}$  E. and S. 32 $^{\circ}$  W.

From the stan. cor. of secs. 32 and 33, on the S. bdy. of the Tp., hereinbefore described.

N. 0°03' E., bet. secs. 32 and 33.

40.02

The 1/4 sec. cor. of secs. 32 and 33, monumented with a limestone, 18 X 12 X 9 ins., firmly set, 11 ins. in the ground, mkd. 1/4 on the W. face.

from which the remaining original bearing tree

A ponderosa pine, 27 ins. diam., bears N. 37° E., 52 lks. dist., with a healed blaze.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 12ins. in the ground to bedrock, in a mound of stone, 4 ft. base, to top, with brass cap mkd.

T21N R8E 1/4 S32 | S33 2002

Deposit a magnet in a white plastic case at the base of the stainless steel post.

### Dependent Resurvey of a Portion of the Subdivisional Lines, T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Bury the marked stone alongside the stainless steel pipe.
	N. 0°21' W., beginning new measurement.
41.30	The closing cor. of secs. 32 and 33, determined from the original bearing trees
	A ponderosa pine, 18 ins. diam., bears S. 59°40' E., 102 lks. dist., with a horizontal scribe mark visible on a partially healed blaze.
	A ponderosa pine, 20 ins. diam., bears S. 45°08' W., 104 lks. dist., with scribe marks 21N R8 S32 BT visible on partially opened blaze.
	At the corner point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 8 ins. in the ground, in a mound of stone, 5 ft. base, to top, with brass cap mkd.
	S28
	s32 s33
	CC T21N R8E
	2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	From this cor., the cor. of secs. 28 and 29 only, bears S. 89°48' W., 3.28 chs. dist., hereinafter described.
	From the NE cor. of sec. 33.
	N. 89°52' W., bet. secs. 27 and 33.
	Along S. facing slope of side canyon.
4.67	The cor. of secs. 27 and 28 only.
	S. 89°30' W., bet. secs. 28 and 33.
	In and along, E. draining canyon.
1	

# Dependent Resurvey of a Portion of the Subdivisional Lines, T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona

CHAINS	
5.36	Point for the E-E 1/64 sec. cor. of sec. 33 only.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd.
	T21N R8E
	E-E 1/64 S33 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
15.39	Point for the E. 1/16 sec. cor. of sec. 33 only.
	Not monumented.
35.46	Point for the 1/4 sec. cor. of sec. 33 only.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd.
	T21N R8E
	1/4 s33 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Cor. is located on steep, N. facing slope, of E. draining canyon.
39.33	The 1/4 sec. cor. of sec. 28 only, determined from the remains of the original bearing trees.
	A stump hole, bears N. 50° E., 55 lks. dist., with a dead and down, rotted pine alongside, with a 20 X 4 X 2 ins., portion of blaze mkd. 1/4 S.
	A ponderosa pine, 30 ins. diam., bears S. 49°20' W., 45 lks. dist., with a healed blaze.
	At the corner point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 8 ins. in the ground to bedrock, in a supporting mound of stone, 5 ft. base, to top, with brass cap mkd.
1	

# Dependent Resurvey of a Portion of the Subdivisional Lines, T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T21N R8E 1/4 S28
	2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Found lying loose nearby, a limestone, 25 X 11 X 6 ins., mkd. 1/4 on a face.
	Bury the stone alongside the stainless steel post.
	S. 89°48' W., beginning new measurement.
36.25	The closing cor. of secs. 32 and 33.
	Thence, continuing measurement bet. secs. 28 and 32.
39.53	The cor. of secs. 28 and 29 only, remonumented in 1970, with an iron post, 2 1/2 ins. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd. T21N R8E S29 S28 S32 1970.
	from which the original bearing trees
	A ponderosa pine, 30 ins. diam., bears N. 8° E., 107 lks. dist., with a healed over blaze.
	A ponderosa pine, 22 ins. diam., bears N. 44° W., 86 lks. dist., with a healed over blaze.
	Found lying loose nearby, a limestone 24 X 10 X 8 ins., mkd. with 4 grooves on a face and 2 grooves on opposite face.
	Add the marks 2002 to the brass cap, and bury the marked stone alongside the iron post.
	Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

#### Subdivision of Section 25, T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona

Restoring the survey executed by Howard L. Petersen, in 1974
From the center 1/4 sec. cor. of sec. 25, monumented with a brass cap, 1 1/2 ins. diam., set in concrete, flush with the surface of the ground, with top mkd. T21N R8E C1/4 S25 1974.
from which the original bearing trees
A piñon, 13 ins. diam., bears S. 51° E., 38 lks. dist., with scribe marks T21N R8E C1/4 S25 BT visible on partially opened blaze.
A piñon, 8 ins. diam., bears N. 25° W., 38 lks. dist., with illegible scribe marks visible on a partially healed blaze.
Add the marks 2002 to the brass cap.
Cor. is located at the intersection of 4 strand barbed wire fences, bearing W. and S.
S. 89°54' W., on a portion of the E. and W. center line of sec. 25.
In and along 4 strand barbed wire fence, through pine and juniper timber.
Point for a witness point, at intersection with the easterly boundary of Walnut Canyon approach road, on the arc of a circular curve to the right.
Set an aluminum drive rod, 42 ins. long, 3/4 in. diam., 36 ins. in the ground, encircled with a collar of stone, with aluminum cap mkd.
WP
T21N R8E
C ——— C
s25
2002
Cor. is located 1 lk. S. of a 4 strand barbed wire fence, bears E. and W.

### Subdivision of Section 25, T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona

	1. 21 N., K. O E., GIIA ANA SAIC RIVEL MELIULAN, ALIZONA
CHAINS	
	From this point, station 146 + 99.91 P.C.S., on the easterly right-of-way of Walnut Canyon approach road, bears S. 57°54' W., 9.22 chs. dist., hereinafter described.
28.74	Point erroneously established, at intersection with the easterly boundary of Walnut Canyon approach road, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 26 ins. above ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd. ROW NPS 1974.
	Add the marks T21N R8E 2002 to the brass cap.
	Cor. is located at the intersection of 4 strand barbed wire fences, bearing E., W. and ENE.
39.89	The 1/4 sec. cor. of secs. 25 and 26.
	Subdivision of Section 26, T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona
	Restoring the survey executed by Howard L. Petersen, in 1974
	From the center 1/4 sec. cor. of sec. 26, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 18 ins. above ground, in a mound of stone, 3 ft. base, 1 ft. high, with a mound of stone, 2 1/2 ft. base, 1 ft. high to the W., with brass cap mkd. T21N R8E C1/4 S26 1974.
	from which the remaining original bearing tree
	A ponderosa pine, 12 ins. diam., bears S. 75° W., 44 lks. dist., with illegible scribe marks visible on partially healed blaze. (Record: 54 lks.)
	Add the marks 2002 to the brass cap.
	N. 1°18' W., on a portion of the N. and S. center line of sec. 26.
	Over broken land, through pine and juniper timber.
17.90	Graded service road, 8 ft. wide, bears E. and W.
18.20	Split rail fence, bears E. and W.

### Subdivision of Section 26, T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona

	T. 21 N., R. 8 E., Gila and Sait River Meridian, Arizona
CHAINS	
18.36	Point for angle point 3, sec. 26, on the metes-and-bounds survey in sec. 26.
	Set an aluminum drive rod, 36 ins. long, 3/4 in. diam., 30 ins. in the ground, encircled with a collar of stone, with aluminum cap mkd.
	T21N R8E
	S26
	АР
	2002
19.65	Single wire overhead power line, bears E. and W.
19.98	The center N. 1/16 sec. cor. of sec. 26, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 15 ins. above ground, in a mound of stone, 3 ft. base, 1 ft. high, with a mound of stone, 2 1/2 ft. base, 1 ft. high to the W., with brass cap mkd. T21N R8E C-N 1/16 S26 1974.
	from which the original bearing trees
	A piñon, 14 ins. diam., bears N. 37° E., 44 lks. dist., with a healed blaze.
	A ponderosa pine, 12 ins. diam., bears N. 72 1/2° W., 18 lks. dist., with a healed blaze.
	Add the marks 2002 to the brass cap.
	Subdivision of Section 27, T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona
	From the point for the 1/4 sec. cor. of sec. 27 only.
	N. 0°13' W., on the N. and S. center line of sec. 27.
	Across Walnut Canyon.
13.00	Northerly rim of Walnut Canyon, edge bears S. 70° E. and N. 70° W.
14.45	Track road, 8 ft. wide, bears S. 70° E. and N. 70° W.
20.215	Point for the center S. 1/16 sec. cor. of sec. 27.

#### Subdivision of Section 27, T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona

	T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona
CHAINS	
	Not monumented.
40.58	Point for the center 1/4 sec. cor. of sec. 27, at intersection with the E. and W. center line of sec. 27.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 13 ins. in the ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd.
	T21N R8E C 1/4 S27 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
52.00	Track road, 8 ft. wide, bears E. and W.
80.85	The 1/4 sec. cor. of secs. 22 and 27, determined from the remains of the original bearing trees.
	A ponderosa pine stump, 24 ins. diam., 20 ins. high, bears N. 38 1/2° E., 40 lks. dist., no visible marks. (Record: N. 42°50' E.)
	A ponderosa pine, 26 ins. diam., bears S. 4° E., 212 lks. dist., with a healed blaze. (Record: S. 4°40' E.)
	At the corner point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.
:	T21N R8E
	S22
	1/4 —
	S27 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	From the 1/4 sec. cor. of secs. 26 and 27.
	N. 89°12' W., on the E. and W. center line of sec. 27.
	Over rolling land, through pine and juniper timber.

#### Subdivision of Section 27, T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona

	T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona
CHAINS	
14.14	Point selected for a witness point.
	Set an aluminum drive rod, 24 ins. long, 3/4 in. diam., 6 ins. in the ground, to bedrock, in a supporting mound of stone, 4 ft. base, to top, with aluminum cap mkd.
	WP T21N R8E
	S27
	c —— c
	WCNM
	2002
28.98	Point selected for a witness point.
	Set an aluminum drive rod, 42 ins. long, 3/4 in. diam., 26 ins. in the ground, in a mound of stone, 3 ft. base, to top, with aluminum cap mkd.
	WP
	T21N R8E
	S27
	C —— C WCNM
	2002
40.06	The center 1/4 sec. cor. of sec. 27.
50.085	Point for the center EW. 1/64 sec. cor. of sec. 27.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T21N R8E
	E-W 1/64
	C —— C
	S27 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
57.35	Track road, 8 ft. wide, bears N. and S.
60.11	Point for the center W. 1/16 sec. cor. of sec. 27.
	Not monumented.
80.35	The 1/4 sec. cor. of secs. 27 and 28.

#### Subdivision of Section 27, T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona

CHAINS	
	SW 1/4
	From the point for the W. 1/16 sec. cor. of sec. 27, only.
	N. 0°15' W., on the N. and S. center line of the SW 1/4 of sec. 27.
	Over broken land, through pine timber.
20.28	Point for the SW 1/16 sec. cor. of sec. 27, at intersection with the E. and W. center line of the SW 1/4 of sec. 27.
	Not monumented.
41.00	The point for the center W. 1/16 sec. cor. of sec. 27.
	From the point for the center S. 1/16 sec. cor. of sec. 27.
	S. 89°48' W., on the E. and W. center line of the SW 1/4 of sec. 27.
	Over broken land, through pine timber.
10.02	Point for the center E-SW 1/64 sec. cor. of sec. 27.
	Not monumented.
20.04	Point for the SW 1/16 sec. cor. of sec. 27.
41.43	Point for the S. 1/16 sec. cor. of sec. 27 and 28.
	From the E-W 1/64 sec. cor. of sec. 27, only.
	N. 0°14' W., on the N. and S. center line of the SE 1/4 of the SW 1/4 of sec. 27.
	Ascending out of Walnut Canyon.
8.04	Point selected for a witness point.
	Set an aluminum drive rod, 24 ins. long, 3/4 in. diam., 13 ins. in the ground, in a mound of stone, 3 ft. base, to top, with aluminum cap mkd.

### Subdivision of Section 27, T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona

CHAINS	T. 11 N., N. 5 1., 5114 and 5415 Never Meridian, Arizona
CHAINS	
	WP
	T21N R8E
	S27   WCNM
İ	2002
	Cor. is located on the westerly rim of Walnut Canyon, edge bears NNE and SSW.
20.32	Point for the center E-SW 1/64 sec. cor. of sec. 27.
	N. 0°14' W., on the N. and S. center line of the NE 1/4 of the SW 1/4 of sec. 27.
0.70	Track road, 8 ft. wide, bears S. 30° E. and N. 30° W.
1.43	Point selected for a witness point.
	Set an aluminum drive rod, 30 ins. long, 3/4 in. diam., 22 ins. in the ground, in a mound of stone, 3 ft. base, to top, with aluminum cap mkd.
	WD
	WP
	T21N R8E S27 WCNM
	2002
}	2002
20.54	The center E-W 1/64 sec. cor. of sec. 27.
	Subdivision of Section 33, T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona
	From the stan. 1/4 sec. cor. of sec. 33, on the S. bdy. of the Tp.
	N. 0°08' W., on the N. and S. center line of sec. 33.
	Over several crossings of Walnut Canyon.
20.045	Point for the center S. 1/16 sec. cor. of sec. 33.
	Not monumented.
40.09	Point for the center 1/4 sec. cor. of sec. 33, at intersection with the E. and W. center line of sec. 33.
	Point falls on a steep, rocky S. facing slope where it is impracticable to establish a permanent monument.

#### Subdivision of Section 33, T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Northerly rim of Walnut Canyon, edge bears S. 80° E. and N. 80° W.
46.60	Track road, 8 ft. wide, bears E. and W.
60.08	Point for the center N. 1/16 sec. cor. of sec. 33.
81.37	The 1/4 sec. cor. of sec. 33, only.
	From the 1/4 sec. cor. of secs. 33 and 34.  S. 89°44' W., on the E. and W. center line of sec. 33.  Across rolling land, through pine timber.
10.025	Point for the center E-E 1/64 sec. cor. of sec. 33.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	T21N R8E E-E 1/64 C
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
15.04	Point for the center W-E-E 1/256 sec. cor. of sec. 33.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T21N R8E W-E-E 1/256 C C S33 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
20.055	Point for the center E. 1/16 sec. cor. of sec. 33.
	Not monumented.

Subdivision of Section 33, T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona

	T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona
CHAINS	
36.60	Rim of Walnut Canyon, edge bears SE and NW.
40.11	The point for the center 1/4 sec. cor. of sec. 33.
50.90	Rim of Walnut Canyon, edge bears ENE and S.
80.09	The 1/4 sec. cor. of secs. 32 and 33.
	NE 1/4
	From the point for the center E. 1/16 sec. cor. of sec. 33.
	N. 0°07' W., on the N. and S. center line of the NE $1/4$ of sec. 33.
	Descending, through pine timber.
19.99	Point for the NE $1/16$ sec. cor. of sec. 33, at intersection with the E. and W. center line of the NE $1/4$ of sec. 33.
	Not monumented.
41.37	The point for the E. 1/16 sec. cor. of sec. 33 only.
	From the point for the N. 1/16 sec. cor. of secs. 33 and 34, hereinbefore described.
	S. $89^{\circ}46'$ W., on the E. and W. center line of the NE $1/4$ of sec. 33.
	Ascending out of Walnut Canyon.
10.03	Point for the center E-NE 1/64 sec. cor. of sec. 33.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 10 ins. in the ground to bedrock, in a supporting mound of stone, 5 ft. base, to top, with brass cap mkd.
	T21N R8E
	S33
	C-E-NE
	1/64 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.

Subdivision of Section 33, T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona

	T. 21 N., R. 8 E., Glia and Sait River Meridian, Arizona
CHAINS	
20.06	The point for the NE 1/16 sec. cor. of sec. 33.
40.12	The point for the center N. 1/16 sec. cor. of sec. 33.
	From the center E-E 1/64 sec. cor. of sec. 33.
	N. 0°05' W., on the N. and S. center line of the SE 1/4 of the NE 1/4 of sec. 33.
	Over rolling land, westerly of Walnut Canyon.
8.77	Point selected for a witness point.
	Set an aluminum drive rod, 24 ins. long, 3/4 in. diam., 4 ins. in the ground, to bedrock, in a supporting mound of stone, 4 ft. base, to top, with aluminum cap mkd.
	WP
	T21N R8E
	s33 WCNM
	2002
19.98	The center E-NE 1/64 sec. cor. of sec. 33.
	N. 0°07' W., on the N. and S. center line of the NE 1/4 of the NE 1/4 of sec. 33.
9.71	Point selected for a witness point.
	Set an aluminum drive rod, 24 ins. long, 3/4 in. diam., 16 ins. in the ground, in a mound of stone, 2 1/2 ft. base, to top, with aluminum cap mkd.
	WP
	T21N R8E
	S33 WCNM
	2002
21.43	The E-E 1/64 sec. cor. of sec. 33 only.
	SE 1/4
	From the point for the stan. E. 1/16 sec. cor. of sec. 33, on the S. bdy. of the Tp.
	N. 0°08' W., on the N. and S. center line of the SE 1/4 of sec. 33.

Subdivision of Section 33, T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona

	T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona
CHAINS	
	Across Walnut Canyon.
20.06	Point for the SE 1/16 sec. cor. of sec. 33, at intersection with the E. and W. center line of the SE 1/4 of sec. 33.
	Not monumented.
40.12	The point for the center E. 1/16 sec. cor. of sec. 33.
	From the point for the S. 1/16 sec. cor. of secs. 33 and 34.
	S. 89°47' W., on the E. and W. center line of the SE 1/4 of sec. 33.
	Across N. draining side canyon.
15.045	Point for the center W-E-SE 1/256 sec. cor. of sec. 33.
	Not monumented
20.06	The point for the SE 1/16 sec. cor. of sec. 33.
40.12	The point for the center S. 1/16 sec. cor. of sec. 33.
	From the point for the stan. W-E-E 1/256 sec. cor. of sec. 33, on the S. bdy. of the Tp.
	N. 0°08' W., on the N. and S. center line of the SW 1/4 of the SE 1/4 of the SE 1/4 of sec. 33.
	Over broken land, W. of N. draining side canyon.
9.98	Point selected for a witness point.
	Set an aluminum drive rod, 32 ins. long, 3/4 in. diam., 26 ins. in the ground, encircled with a collar of stone, with aluminum cap mkd.
	WP
	T21N R8E
	s33 WCNM
	2002
10.035	Point for the center W-SE-SE 1/256 sec. cor. of sec. 33.
	Not monumented.

#### Subdivision of Section 33, T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona

01141110	T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona
CHAINS	
	N. 0°08' W., on the N. and S. center line of the NW 1/4 of the SE 1/4 of the SE 1/4 of sec. 33.
9.49	Point selected for a witness point.
	Set an aluminum drive rod, 24 ins. long, 3/4 in. diam., 12 ins. in the ground, in a mound of stone, 3 ft. base, to top, with aluminum cap mkd.
	WP
	T21N R8E
	s33 WCNM
	2002
10.035	The point for the center W-E-SE 1/256 sec. cor. of sec. 33.
	N. 0°08' W., on the N. and S. center line of the SW 1/4 of the NE 1/4 of the SE 1/4 of sec. 33.
2.00	Southerly rim of Walnut Canyon, edge bears ESE and WSW, thence across canyon.
10.035	Point for the center W-NE-SE 1/256 sec. cor. of sec. 33.
	Not monumented.
	N. 0°08' W., on the N. and S. center line of the NW 1/4 of the NE 1/4 of the SE 1/4 of sec. 33.
8.00	Northerly rim of Walnut Canyon, edge bears S. 70° E. and N. 70° W.
10.035	The center W-E-E 1/256 sec. cor. of sec. 33.
	Subdivision of Section 34, T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona
	From the stan. $1/4$ sec. cor. of sec. 34, on the S. bdy. of the Tp.
	N. 0°35' E., on the N. and S. center line of sec. 34.
	Over rolling land, easterly of Walnut Canyon, through pine timber.
10.21	Point for the center S-S 1/64 sec. cor. of sec. 34.

### Subdivision of Section 34, T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 16 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	T21N R8E
	C .
	S-S 1/64   S34 C
	2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
18.83	Point selected for a witness point.
	Set an aluminum drive rod, 30 ins. long, 3/4 in. diam., 25 ins. in the ground, with aluminum cap mkd.
	WP
	T21N R8E
	C WCNM   S34
	Ċ
	2002
20.42	Point for the center S. 1/16 sec. cor. of sec. 34.
	Not monumented.
29.02	Point selected for a witness point.
	Set an aluminum drive rod, 32 ins. long, 3/4 in. diam., 24 ins. in the ground, in a mound of stone, 3 ft. base, to top, with aluminum cap mkd.
	WP
	T21N R8E
	WCNM   S34
	C 2002
40.84	Point for the center 1/4 sec. cor. of sec. 34, at intersection with the E. and W. center line of sec. 34.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, to top, with brass cap mkd.

#### Subdivision of Section 34, T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona

	T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona
CHAINS	
l	T21N R8E
	C 1/4 S34
Ì	2002
	Deposit a magnet in a white plastic case at the base of the
	stainless steel post.
53.20	Southerly rim of Walnut Canyon, edge bears S. 80° E. and S. 80° W., thence across canyon.
80.73	The point for the 1/4 sec. cor. of sec. 33 only.
	From the 1/4 sec. cor. of secs. 34 and 35.
	S. 89°51' W., on the E. and W. center line of sec. 34.
	Over broken land, through pine timber.
14.85	Graded road, 8 ft. wide, bears N. 10° E. and S. 10° W.
15.39	Point selected for a witness point.
	Set an aluminum drive rod, 30 ins. long, 3/4 in. diam., 24 ins. in the ground, encircled with a collar of stone, with aluminum cap mkd.
	WP
	T21N R8E
	WCNM
	c —— c
	s34
	2002
17.70	Easterly rim of N. draining side canyon, edge bears N. and S.
33.23	Point selected for a witness point.
	Set an aluminum drive rod, 42 ins. long, 3/4 in. diam., 36 ins. in the ground, encircled with a collar of stone, with aluminum cap mkd.
	WP
	T21N R8E
]	WCNM
	C ——— C
	s34
	2002
40.06	The center 1/4 sec. cor. of sec. 34.

## Subdivision of Section 34, T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona

G. 1411.15	1. 21 N., N. O E., GIIA AND DAIL RIVEL MELICIAN, ALIZONA
CHAINS	
46.20	Easterly rim of Walnut Canyon, edge bears S. 80° E. and N. 80° W.
59.92	Point for the center W. 1/16 sec. cor. of sec. 34.
	Not monumented.
79.78	The 1/4 sec. cor. of secs. 33 and 34.
	SW 1/4
	From the point for the stan. W. 1/16 sec. cor. of sec. 34, on the S. bdy. of the Tp.
	N. 0°14' E., on the N. and S. center line of the SW 1/4 of sec. 34.
	Over broken and rolling land, through pine timber.
10.125	Point for the center S-SW 1/64 sec. cor. of sec. 34.
	Not monumented.
20.25	Point for the SW 1/16 sec. cor. of sec. 34, at intersection with the E. and W. center line of the SW 1/4 of sec. 34.
	Not monumented.
40.50	The point for the center W. 1/16 sec. cor. of sec. 34.
	From the point for the center S. 1/16 sec. cor. of sec. 34.
	N. 89°39' W., on the E. and W. center line of the SW 1/4 of sec. 34.
	Over broken and rolling land, through pine timber.
19.73	The point for the SW 1/16 sec. cor. of sec. 34.
39.46	The point for the S. 1/16 sec. cor. of secs. 33 and 34.
	From the center S-S 1/64 sec. cor. of sec. 34.
	N. 89°24' W., on the E. and W. center line of the SE 1/4 of the SW 1/4 of sec. 34.
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#### Subdivision of Section 34, T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona

	T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona
CHAINS	
	Over broken and rolling land, through pine timber.
13.99	Point selected for a witness point.
	Set an aluminum drive rod, 30 ins. long, 3/4 in. diam., 21 ins. in the ground, in a mound of stone, 2 1/2 ft. base, to top, with aluminum cap mkd.
	WP
	T21N R8E
	WCNM
	S34
	2002
19.67	The point for the center S-SW 1/64 sec. cor. of sec. 34.
	N. 89°24' W., on the E. and W. center line of the SW 1/4 of the SW 1/4 of sec. 34.
14.55	Point selected for a witness point.
	Set an aluminum drive rod, 42 ins. long, 3/4 in. diam., 31 ins. in the ground, in a mound of stone, 3 ft. base, to top, with aluminum cap mkd.
	WP
	T21N R8E
	WCNM
	<del></del>
	S34
	2002
19.67	The S-S 1/64 sec. cor. of secs. 33 and 34.
	Metes-and-Bounds Survey in Section 14, T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona
	From angle point 1, sec. 14, the point of the intersection of the southerly right-of-way of U.S. Interstate Highway No. 40, and the line bet. secs. 14 and 15, hereinbefore described.

CHAINS	
	From this point, Arizona Dept. of Transportation, right-of-way marker, on the southerly right of way of Interstate Highway No. 40, bears N. 74°04' W., 7.74 chs. dist., monumented with a brass disk, 3 ins. diam., set in a concrete cylinder, 6 ins. diam., firmly set, projecting 1 ins. above ground, with top mkd. ARIZONA HIGHWAY DEPT. 6666.93 1969.
	From this same point, the cor. of secs. 10, 11, 14 and 15, bears N. 0°09' E., 2.12 chs. dist., hereinbefore described.
	S. 74°04' E., on line 1-2, on the southerly right-of-way of U.S. Interstate Highway No. 40, along 5 strand barbed wire fence.
0.015	Arizona Dept. of Transportation, right-of-way marker, monumented with a brass disk, 3 ins. diam., set in a concrete cylinder, 6 ins. diam., firmly set, projecting 3 ins. above ground, with top mkd. ARIZONA HIGHWAY DEPT. 6670.17 1969.
8.605	Arizona Dept. of Transportation, right-of-way marker, designated angle point 2, sec. 14, monumented with a brass disk, 3 ins. diam., set in a concrete cylinder, 6 ins. diam., firmly set, projecting 4 ins. above ground, with top mkd. ARIZONA HIGHWAY DEPT. 6662.36 1969.
	S. 68°38' E., on line 2-3, on the southerly right-of-way of U.S. Interstate Highway No. 40, along 5 strand barbed wire fence.
18.51	The point for a witness point at the intersection of the westerly boundary of the Walnut Canyon approach road, and the southerly right-of-way of Interstate Highway No. 40.
	Set an aluminum drive rod, 42 ins. long, 3/4 in. diam., 39 ins. in the ground, encircled with a collar of stone, with aluminum cap mkd.
	WP T21N R8E
	S14 WCNM 2002
23.87	Arizona Dept. of Transportation, right-of-way marker, designated angle point 3, sec. 14, monumented with a brass disk, 3 ins. diam., set in a concrete cylinder, 6 ins. diam., firmly set, projecting 4 ins. above ground, with top mkd. ARIZONA HIGHWAY DEPT. 6628.34 1969.

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CHAINS	
10.71	Arizona Dept. of Transportation, right-of-way marker, designated angle point 8, sec. 14, monumented with a brass disk, 3 ins. diam., set in a concrete cylinder, 6 ins. diam., firmly set, projecting 4 ins. above ground, with top mkd. ARIZONA HIGHWAY DEPT. 6660.595 1969.
	Thence, on line 8-9, along the arc of a 11°10'30" circular curve to the right having a radius 2665.04 ft., a dist. of 7.875 chs., parallel with and 200 ft. easterly of the center line of Walnut Canyon approach road, the chord of said arc bears N. 16°14'45" W., 7.865 chs. dist.
7.875	End of circular curve, designated angle point 9, sec. 14, monumented with an Arizona Dept. of Transportation, right-of-way marker, a brass disk, 3 ins. diam., set in a concrete cylinder, 6 ins. diam., firmly set, projecting 4 ins. above ground, with top mkd. ARIZONA HIGHWAY DEPT. 19.
	N. 10°39'30" W., on line 9-10, on the southerly right-of-way of U.S. Interstate Highway No. 40, parallel with and 200 ft. easterly of the center line of Walnut Canyon approach road.
1.90	Arizona Dept. of Transportation, right-of-way marker, designated angle point 10, sec. 14, monumented with a brass disk, 3 ins. diam., set in a concrete cylinder, 6 ins. diam., firmly set, projecting 3 ins. above ground, with top mkd. ARIZONA HIGHWAY DEPT. 6669.85 1969.
	Cor. is located at the terminus of a five strand barbed wire fence, bears S. 83° E.
	S. 83°28' E., on line 10-11, on the southerly right-of-way of U.S. Interstate Highway No. 40, along 5 strand barbed wire fence.
4.76	The point for a witness point at the intersection of the easterly boundary of the Walnut Canyon approach road, and the southerly right-of-way of U.S. Interstate Highway No. 40.
	Set an aluminum drive rod, 42 ins. long, 3/4 in. diam., 36 ins. in the ground, encircled with a collar of stone, with aluminum cap mkd.

CHAINS	
	WP
	T21N R8E
	WCNM \ S14 2002
11.605	Arizona Dept. of Transportation, right-of-way marker, designated angle point 11, sec. 14, monumented with a brass disk, 3 ins. diam., set in a concrete cylinder, 6 ins. diam., firmly set, projecting 3 ins. above ground, with top mkd. ARIZONA HIGHWAY DEPT. 6659.505 1969.
	Thence, on line 11-12, along the arc of a 9°28', circular curve to the left having a radius 11479.86 ft., a dist. of 28.74 chs., on the southerly right-of-way of U.S. Interstate Highway No. 40, along 5 strand barbed wire fence, chord of said arc bears S. 78°46'30" E., 28.705 chs. dist., the long tangent bears N. 74°02'30" W.
28.74	End of circular curve, designated angle point 12, sec. 14, monumented with an Arizona Dept. of Transportation, right-of-way marker, a brass disk, 3 ins. diam., set in a concrete cylinder, 6 ins. diam., firmly set, projecting 2 ins. above ground, with top mkd. ARIZONA HIGHWAY DEPT. 19.
	S. 83°30'30" E., on line 12-13, on the southerly right-of-way of U.S. Interstate Highway No. 40, along 5 strand barbed wire fence.
3.75	Angle point 13, sec. 14, on the line bet. secs. 13 and 14, hereinbefore described.
	Not monumented.
	From this cor. point, Arizona Dept. of Transportation, right-of-way marker, bears S. 83°30'30" E., 18 lks. dist., monumented with a brass disk, 3 ins. diam., set in a concrete cylinder, 6 ins. diam., firmly set, projecting 3 ins. above ground, with top mkd. ARIZONA HIGHWAY DEPT. 19.
	From this same cor. point, the point for the cor. of secs. 11, 12, 13 and 14, bears N. 0°27' W., 24.66 chs. dist., hereinbefore described.

CHAINS	
	From angle point 14, sec. 14, at the intersection of the line bet. secs. 11 and 14 and the northerly right-of-way of U.S. Interstate Highway No. 40, hereinbefore described.
	S. 74°05' E., on line 14-15, on the northerly right-of-way of U.S. Interstate Highway No. 40, along 5 strand barbed wire fence.
	From this cor. point, Arizona Dept. of Transportation, right-of-way marker, on the northerly right of way of Interstate Highway No. 40, bears N. 74°05' W., 9.57 chs. dist., monumented with a brass disk, 3 ins. diam., set in a concrete cylinder, 6 ins. diam., firmly set, projecting 3 ins. above ground, with top mkd. ARIZONA HIGHWAY DEPT. 6658.30 1969.
	From this same cor. point, the cor. of secs. 10, 11, 14 and 15, bears S. 87°45' W., 20.43 chs. dist., hereinbefore described.
14.845	Arizona Dept. of Transportation, right-of-way marker, designated angle point 15, sec. 14, monumented with a brass disk, 3 ins. diam., set in a concrete cylinder, 6 ins. diam., firmly set, projecting 5 ins. above ground, with top mkd. ARIZONA HIGHWAY DEPT. 19.
	Thence, on line 15-16, along the arc of a 10°20' circular curve to the right having a radius 2951.95 ft., a dist. of 8.065 chs., on the northerly right-of-way of U.S. Interstate Highway No. 40, the chord of said arc bears S. 68°56' E., 8.055 chs. dist.
8.065	End of circular curve, designated angle point 16, sec. 14, monumented with an Arizona Dept. of Transportation, right-of-way marker, a brass disk, 3 ins. diam., set in a concrete cylinder, 6 ins. diam., firmly set, projecting 5 ins. above ground, with top mkd. ARIZONA HIGHWAY DEPT. 19.
	S. 63°45' E., on line 16-17, on the northerly right-of-way of U.S. Interstate Highway No. 40, along 5 strand barbed wire fence.
4.88	Arizona Dept. of Transportation, right-of-way marker, designated angle point 17, sec. 14, monumented with a brass disk, 3 ins. diam., set in a concrete cylinder, 6 ins. diam., firmly set, projecting 2 ins. above ground, with top mkd. ARIZONA HIGHWAY DEPT. 6650.80 1969.

CHAINS	
	Thence, on line 17-18, along the arc of a 7°15' circular curve to the left having a radius 1054.64 ft., a dist. of 2.02 chs., on the northerly right-of-way of U.S. Interstate Highway No. 40, the chord of said arc bears S. 67°20' E., 2.02 chs. dist.
2.02	End of circular curve, designated angle point 18, sec. 14, monumented with an Arizona Dept. of Transportation, right-of-way marker, a brass disk, 3 ins. diam., set in a concrete cylinder, 6 ins. diam., firmly set, projecting 3 ins. above ground, with top mkd. ARIZONA HIGHWAY DEPT. 99 1969.
	S. 71°00' E., on line 18-19, on the northerly right-of-way of U.S. Interstate Highway No. 40, along 5 strand barbed wire fence.
7.665	Arizona Dept. of Transportation, right-of-way marker, designated angle point 19, sec. 14, monumented with a brass disk, 3 ins. diam., set in a concrete cylinder, 6 ins. diam., firmly set, projecting 4 ins. above ground, with top mkd. ARIZONA HIGHWAY DEPT. 6647.195 1969.
	Thence, on line 19-20, along the arc of a 7°22'30" circular curve to the right having a radius 11394.60 ft., a dist. of 22.22 chs., on the northerly right-of-way of U.S. Interstate Highway No. 40, the chord of said arc bears S. 79°47' E., 22.21 chs. dist., the long tangent bears N. 76°05'45" W.,
22.22	End of circular curve, designated angle point 20, sec. 14, monumented with an iron rail, 4 ins. wide, firmly set, projecting 22 ins. above ground.
	S. 83°28'30" E., on line 20-21, on the northerly right-of-way of U.S. Interstate Highway No. 40, along 5 strand barbed wire fence.
2.77	Angle point 21, sec. 14, on the line bet. secs. 13 and 14, hereinbefore described.
	Not monumented.
	From this point, Arizona Dept. of Transportation, right-of-way marker, on the northerly right of way of Interstate Highway No. 40, bears S. 83°28'30" E., 0.42 chs. dist., monumented with a brass disk, 3 ins. diam., set in a concrete cylinder, 6 ins. diam., firmly set, projecting 6 ins. above ground, with top mkd. ARIZONA HIGHWAY DEPT. 19.

#### CHAINS

From this same point, the cor. of secs. 11, 12, 13 and 14, bears N. 0°27' W., 18.56 chs. dist., hereinbefore described.

Metes-and-Bounds Survey in Sections 13, 14, 23, 24 and 25, T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona

#### Preliminary Statement

The following metes-and-bounds survey, was executed to identify the lands granted to Walnut Canyon National Monument via Public Law 104-33, specifically tract No. 01-105, as depicted on the map entitled, Boundary Proposal Walnut Canyon National Monument, Coconino County Arizona, 360/80;010, dated September 1994.

Tract No. 01-105, established a 1000 ft. wide corridor, centered on the center line of the Walnut Canyon Approach Road in secs. 13, 14, 23, 24 and 25. A portion of this center line was established in 1956, by the U.S. Bureau of Public Roads, described in the as constructed plans for Project 2-A, Route 2, Walnut Canyon Approach Road, Walnut Canyon National Monument Highway System Arizona. The remainder of the existent center line was established, by Charles W. Dryden, deceased Arizona Professional Engineer (Civil), in 1961, under contract with the Arizona Department of Transportation.

The portion of the center line established by Dryden, adopted existing Bureau of Public Roads monuments to establish a new portion of center line, necessary to connect with an interchange for Interstate Highway No. 40, which replaced U.S. Highway No. 66. The Arizona Department of Transportation retained a 200 ft. right-of-way on the portion of road established by Dryden.

The informative traverse of the center line of Walnut Canyon Approach Road as surveyed by Petersen in 1974, ignored the survey executed by Dryden and used the U.S. Bureau of Public Roads survey in its entirety.

#### In sec. 14, Easterly Boundary

Beginning at the witness point at the intersection of the easterly boundary of the Walnut Canyon approach road, and the southerly right-of-way of Interstate Highway No. 40, hereinbefore described.

#### CHAINS

From this cor. point, angle point 11, sec. 14, an Arizona Dept. of Transportation, right-of-way marker, on the southerly right of way of Interstate Highway No. 40, bears S. 83°28' E., 6.845 chs. dist.

From this same cor. point, the right-of-way monument established in the 1974 informative traverse of the center line of the Walnut Canyon approach road, at the intersection of the southerly right-of-way of Interstate Highway No. 40 and 500 ft. easterly of the center line of the abandoned portion of the Walnut Canyon approach road as surveyed by the U.S. Bureau of Public Roads, bears S. 83°27' E., 5.54 chs. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 9 ins. above ground, with brass cap mkd. ROW NPS ROW 1974.

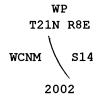
Add the marks T21N R8E 2002 to the brass cap.

From this same cor. point, the 1/4 sec. cor. of secs. 11 and 14, bears N.  $4^{\circ}50'$  W., 16.80 chs. dist.

S. 10°39'30" E., on line WP-22, on the easterly boundary of the Walnut Canyon approach road, 500 ft. easterly of center line.

0.49 Point selected for a witness point, designated angle point 22, sec. 14, and beginning of circular curve.

Set an aluminum drive rod, 32 ins. long, 3/4 in. diam., 28 ins. in the ground, encircled with a collar of stone, with aluminum cap mkd.



Cor. is located 20 lks. E. of 4 strand barbed wire fence bears S.  $10^{\circ}$  E. and N.  $10^{\circ}$  W.

From this cor. point, angle point 9, sec. 14, an Arizona Dept. of Transportation right-of-way marker on the easterly 200 ft. right-of-way of the Walnut Canyon approach road, bears S. 79°20'30" W., 4.545 chs. dist.

	1. 21 N., K. 5 E., GITA AND SAIT RIVER MELICIAN, AFIZONA
CHAINS	
	Thence, on line 22-23, along the arc of a 11°10'30" circular curve to the left having a radius 2365.04 ft., a dist. of 6.99 chs., along the easterly boundary of the Walnut Canyon approach road, 500 ft. easterly of the center line, the chord of said arc bears S. 16°14'45" E., 6.98 chs. dist.
6.99	Point selected for a witness point, designated angle point 23, sec. 14, and end of circular curve.
	Set an aluminum drive rod, 20 ins. long, 3/4 in. diam., 15 ins. in the ground, in a mound of stone, 3 ft. base, to top with aluminum cap mkd.
	WP
	T21N R8E
	WCNM \s14
	2002
	Cor. is located 21 lks. E. of 4 strand barbed wire fence bears S. 20° E. and N. 20° W.
	From this cor. point, angle point 8, sec. 14, an Arizona Dept. of Transportation right-of-way marker on the easterly 200 ft. right-of-way of the Walnut Canyon approach road, bears S. 68°10' W., 300.0 ft. dist.
	S. 21°50' E., on line 23-24, along the easterly boundary of the Walnut Canyon approach road, 500 ft. easterly of the center line.
10.71	Point for a witness point, designated angle point 24, sec. 14, and beginning of a circular curve.
	Set an aluminum drive rod, 20 ins. long, 3/4 in. diam., 17 ins. in the ground, encircled with a collar of stone, with aluminum cap mkd.
	WP
	T21N R8E
	WCNM \s14
	2002
	Cor. is located 5 lks. E. of 4 strand barbed wire fence bears S. 20° E. and N. 20° W.

CHAINS	
	From this cor. point, angle point 7, sec. 14, an Arizona Dept. of Transportation right-of-way marker on the easterly 200 ft. right-of-way of the Walnut Canyon approach road, bears S. 68°10' W., 300.0 ft. dist.
	Thence, on line 24-25, along the arc of a 47°49' circular curve to the left having a radius 1456.12 ft., a dist. of 18.414 chs., along the easterly boundary of the Walnut Canyon approach road, 500 ft. easterly of the center line, the chord of said arc bears S. 45°44'30" E., 17.885 chs. dist.
10.665	Point selected for a witness point.
	Set an aluminum drive rod, 24 ins. long, 3/4 in. diam., 17 ins. in the ground, in a mound of stone, 3 ft. base, to top with aluminum cap mkd.
	WP T21N R8E
	WCNM \S14
	2002
	Cor. is located 4 lks. W. of 4 strand barbed wire fence bears S. 50° E. and N. 50° W.
18.415	The point for station 33 + 61.93 P.T. and end of circular curve, designated angle point 25, sec. 14.
	Not monumented.
	From this point, the center line of Walnut Canyon approach road, identical with U.S. Bureau of Public Roads station 33 + 61.93 P.C.S., bears S. 20°21' W., 7.575 chs.
	Not monumented.
	S. 70°41' E., on line 25-26, along the easterly boundary of the Walnut Canyon approach road, 500 ft. easterly of the center line.
2.375	The point for station 35 + 36.46 P.T., designated angle point 26, sec. 14, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 17 ins. above ground, in a mound of stone, 3 ft. base, 1 ft. high, with brass cap mkd. PT 35 + 36.46 1974.

CHAINS	

Add the marks T21N R8E 2002 to the brass cap.

Cor. is located in a 4 strand barbed wire fence, bears ESE and WNW.

From this cor. point, U.S. Bureau of Public Roads center line reference monument bears S. 18°19' W., 6.365 chs. dist., monumented with a brass disk, 3 ins. diam., set in a concrete form, 16 ins. diam., firmly set, projecting 1 in. above ground, with top mkd. U.S. BUREAU OF PUBLIC ROADS 35 + 36.46 1956 80 + 00 B.M. ELEV. 6639.28

S. 71°41' E., on line 26-27, along the easterly boundary of the Walnut Canyon approach road, 500 ft. easterly of the center line.

2.765

The point for station 37 + 18.80 P.S., designated angle point 27, sec. 14, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 14 ins. above ground, in a mound of stone, 3 ft. base, 1 ft. high, with brass cap mkd. PS 37 + 18.80 1974.

Add the marks T21N R8E 2002 to the brass cap.

Cor. is located in a 4 strand barbed wire fence, bears ESE and WNW.

From this cor. point, U.S. Bureau of Public Roads center line reference monument bears S. 18°19' W., 6.335 chs. dist., monumented with a brass disk, 3 ins. diam., set in a concrete form, 12 ins. diam., firmly set, projecting 3 ins. above ground, with top mkd. U.S. BUREAU OF PUBLIC ROADS 37 + 18.80 1956 82 + 00 B.M. ELEV. 6682.20.

S. 70°56' E., on line 27-28, along the easterly boundary of the Walnut Canyon approach road, 500 ft. easterly of the center line.

2.975

The point for station 38 + 93.33 P.C., identical with beginning of a circular curve, designated angle point 28, sec. 14.

Not monumented.

From this point, the center line of Walnut Canyon approach road, identical with U.S. Bureau of Public Roads station 38 + 93.33 P.S.C., bears S. 20°49'30" W., 7.575 chs.

Not monumented.

CHAINS	I II N., N. O I., OIII and Date Navel Meridian, Arrival
CHAINS	
	Thence, on line 26-WP, along the arc of a 21°55'20" circular curve to the right having a radius 2500 ft., a dist. of 14.495 chs., along the easterly boundary of the Walnut Canyon approach road, 500 ft. easterly of the center line, the chord of said arc bears S. 58°12'25" E., 14.405 chs. dist.
	Sald ale bears S. 30 12 23 E., 14.405 Chs. disc.
5.770	Point selected for a witness point.
	Set an aluminum drive rod, 36 ins. long, 3/4 in. diam., 30 ins. in the ground, in a mound of stone, 2 1/2 ft. base, to top, with aluminum cap mkd.
	WP
	T21N R8E
	\ S14
	WCNM \
	\
	2002
	Cor. is located 82 lks. S. of a 4 strand barbed wire fence, bears S. 72° E. and N. 72° W.
14.495	The point for a witness point at the intersection with the line bet. secs. 13 and 14, hereinbefore described.
	From this cor. point, the 1/4 sec. cor. of secs. 13 and 14 bears N. 0°11' E., 16.515 chs. dist., hereinbefore described.
	Thence in sec. 13.
	Thence, on line WP-1, along the arc of a 31°00'40" circular curve to the right having a radius 2500 ft., a dist. of 20.505 chs., along the easterly boundary of the Walnut Canyon approach road, 500 ft. easterly of the center line, the chord of said arc bears S. 31°44'20" E., 20.255 chs. dist.
10.325	Point selected for a witness point.
	Set an aluminum drive rod, 42 ins. long, 3/4 in. diam., 40 ins. in the ground, with aluminum cap mkd.
	WP
	T21N R8E
	\ s13
	WCNM \
	2002

CHAINS	
	Cor. is located 3.5 lks. W. of a 4 strand barbed wire fence, bears S. 30° W. and N. 30° E. for 2.65 chs. dist., thence N. 13° W.
11.60	Intersect a 4 strand barbed wire fence, bears S. 32° W. and N. 32° E., for 1.98 chs., thence S. 10° E.
20.505	The point for station 57 + 41.05 P.C.S. and end of circular curve, designated angle point 1, sec. 13.
	Not monumented.
	From this point, the center line of Walnut Canyon Approach road, identical with U.S. Bureau of Public Roads station 57 + 41.05 P.C.S., bears S. 73°45'30" W., 7.575 chs.
	Not monumented.
	S. 14°31' E., on line 1-2, along the easterly boundary of the Walnut Canyon approach road, 500 ft. easterly of the center line.
2.975	The point for station 59 + 15.58 P.T., designated angle point 2, sec. 13, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 16 ins. above ground, in a mound of stone, 4 ft. base, 1 ft. high, with brass cap mkd. PT 59 + 15.58 1974.
	Add the marks T21N R18E 2002 to the brass cap.
	Cor. is located 1 lk. W. of 4 strand barbed wire fence, bears SSE and NNW.
	From this cor. point, U.S. Bureau of Public Roads center line reference monument bears S. 76°14' W., 6.30 chs. dist., monumented with a brass disk, 3 ins. diam., set in a concrete form, 16 ins. diam., firmly set, projecting 3 ins. above ground, with top mkd. U.S. BUREAU OF PUBLIC ROADS 59 + 15.58 1956 84 + 00 B.M. ELEV. 6612.78
	S. 13°46' E., on line 2-WP, along the easterly boundary of the Walnut Canyon approach road, 500 ft. easterly of the center line.
5.665	The point for a witness point at the intersection with the line bet. secs. 13 and 24, hereinbefore described.

CHAINS	From this cor. point, the closing cor. of secs. 13 and 24 bears S. 89°43' W., 12.83 chs. dist., hereinbefore described.
	Thence in sec. 24.
	S. 13°46' E., on line WP-1, continuing along the easterly boundary of the Walnut Canyon approach road, 500 ft. easterly of the center line.
11.81	The point for station 70 + 69.81 P.C., designated angle point 1, sec. 24, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 12 ins. above ground, in a mound of stone, 4 ft. base, 1 ft. high, with brass cap mkd. PC 70 + 69.81 1974.
	Add the marks T21N R8E 2002 to the brass cap.
	Cor. is located in a 4 strand barbed wire fence, bears SSE and NNW.
	From this cor. point, U.S. Bureau of Public Roads center line reference monument bears S. 76°14' W., 6.06 chs. dist., monumented with a brass disk, 3 ins. diam., set in a concrete form, 16 ins. diam., firmly set, projecting 2 ins. above ground, with top mkd. U.S. BUREAU OF PUBLIC ROADS 70 + 69.81 1956 100 + 00 B.M. ELEV. 6622.82.
	Thence, on line 1-2, along the arc of a 15°25' circular curve to the left having a radius 2500 ft., a dist. of 10.20 chs., along the easterly boundary of the Walnut Canyon approach road, 500 ft. easterly of the center line, the chord of said arc bears S. 21°29' E., 10.165 chs. dist.
5.08	From this point, the cor. of fences bears S. 68°31' W., 34 lks dist., with 4 strand barbed wire fences bearing S. 29° E. and N. 14° W.
10.20	The point for station 78 + 77.90 P.T., designated angle point 2, sec. 24, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 22 ins. above ground, in a mound of stone, 4 ft. base, 1 1/2 ft. high, with brass cap mkd. PT 78 + 77.90 1974.
	Add the marks T21N R8E 2002 to the brass cap.
	Cor. is located in a 4 strand barbed wire fence, bears SSE and NNW.

CHAINS	
5.3	From this cor. point, U.S. Bureau of Public Roads center line reference monument bears S. 60°49' W., 6.59 chs. dist., monumented with a brass disk, 3 ins. diam., set in a concrete form, 16 ins. diam., firmly set, flush with the ground, with top mkd. U.S. BUREAU OF PUBLIC ROADS 78 + 77.20 1956 66 + 00 B.M. ELEV. 6691.20. (Note: The dist. shown on the as built plans equals 65 ft., not 66 as stamped on brass disk)
	s. 29°11' E., on line 2-3, along the easterly boundary of the Walnut Canyon approach road, 500 ft. easterly of the center line.
8.45	From this point, the cor. of fences bears N. 48° E., 6 lks dist., with 4 strand barbed wire fences bearing S. 48° W. and N. 30° W.
11.07	Point selected for a witness point.
	Set an aluminum drive rod, 30 ins. long, 3/4 in. diam., 22 ins. in the ground, with aluminum cap mkd.
	WP T21N R8E  \( \sum_{\text{CNM}} \) 2002
16.70	From this point, the cor. of fences bears West, 1 lk. dist., with 4 strand barbed wire fences bearing S. 30° E. and West.
19.99	The point for station 91 + 98.01 P.S., designated angle point 3, sec. 24, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 20 ins. above ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd. PS 91 + 98.01 1974.
	Add the marks T21N R8E 2002 to the brass cap.
	Cor. is located in a 4 strand barbed wire fence, bears SSE and NNW.
	From this cor. point, U.S. Bureau of Public Roads center line reference monument bears S. 60°49' W., 6.52 chs. dist., monumented with a brass disk, 3 ins. diam., set in a concrete form, 16 ins. diam., firmly set, projecting 7 ins. above ground, with top mkd. U.S. BUREAU OF PUBLIC ROADS 91 + 98.01 1956 70 + 00 B.M. ELEV. 6688.44.

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CULADAG	
CHAINS	From this cor. point, a fence cor. bears N. 48°08' E., 3.80 chs. dist., with 4 strand barbed wire fence bearing S. 15° W. and N. 25° W.
26.235	The point for station 107 + 57.17 P.C.S., and end of circular curve, designated angle point 5, sec. 24.
	Not monumented.
	From this point, the center line of Walnut Canyon approach road, identical with U.S. Bureau of Public Roads station 107 + 57.17 P.C.S., bears N. 77°03' W., 7.575 chs.
	Not monumented.
	S. 14°36' W., on line 5-6, along the easterly boundary of the Walnut Canyon approach road, 500 ft. easterly of the center line.
2.97	The point for station 109 + 31.70 P.T., designated angle point 6, sec. 24, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 12 ins. above ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd. PT 109 + 31.70 1974.
	Add the marks T21N R8E 2002 to the brass cap.
	Cor. is located in a 4 strand barbed wire fence, bears N. 15° E. and S. 15° W.
	From this cor. point, U.S. Bureau of Public Roads center line reference monument bears N. 74°31' W., 6.44 chs. dist., monumented with a brass disk, 3 ins. diam., set in a concrete form, 15 ins. diam., firmly set, projecting 5 ins. above ground, with top mkd. U.S. BUREAU OF PUBLIC ROADS 109 + 31.70 1956 75 + 00 B.M. ELEV. 6656.48.
	S. 15°29' W., on line 6-WP, along the easterly boundary of the Walnut Canyon approach road, 500 ft. easterly of the center line.
10.57	The point for a witness point at the intersection with the line bet. secs. 24 and 25, hereinbefore described.
	From this cor. point the 1/4 sec. cor. of secs. 24 only, bears N. 89°39' E., 11.455 chs. dist., hereinbefore described.

CHAINS	
	Thence in sec. 25.
	S. 15°29' W., on line WP-1, continuing along the easterly boundary of the Walnut Canyon approach road, 500 ft. easterly of the center line.
12.745	Point selected for a witness point.
	Set an aluminum drive rod, 42 ins. long, 3/4 in. diam., 35 ins. in the ground, in a mound of stone, 2 1/2 ft. base, to top, with aluminum cap mkd.
	WP
	T21N R8E
	wcnm /
	/ s25 2002
	Cor. is located in a 4 strand barbed wire fence, bears NNE and SSW.
19.98	Center of Forest Service road No. 303, improved graded, 16 ft. wide, bears E. and W.
24.685	The point for station 132 + 58.70 P.T., designated angle point 1, sec. 25, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 15 ins. above ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd. PS 132 + 58.70 1974.
	Add the marks T21N R8E 2002 to the brass cap.
	Cor. is located in a 4 strand barbed wire fence, bears N. 15 $^{\circ}$ E. and S. 15 $^{\circ}$ W.
	From this cor. point, U.S. Bureau of Public Roads center line reference monument bears N. 74°31' W., 6.455 chs. dist., monumented with a brass disk, 3 ins. diam., set in a concrete form, 17 ins. diam., firmly set, projecting 7 ins. above ground, with top mkd. U.S. BUREAU OF PUBLIC ROADS 132 + 58.70 1956 74 + 00 B.M. ELEV. 6700.23.
	S. 16°54' W., on line 1-2, along the easterly boundary of the Walnut Canyon approach road, 500 ft. easterly of the center line.
3.56	The point for station 134 + 60.29 P.T., identical with beginning of a circular curve, designated angle point 2, sec. 25.

CHAINS	
	Not monumented.
	From this point, the center line of Walnut Canyon approach road, identical with U.S. Bureau of Public Roads station 134 + 60.29 P.S.C., bears N. 70°42' W., 7.575 chs.
	Not monumented.
	Thence, on line 2-WP, along the arc of a 29°51' circular curve to the right having a radius 2000 ft., a dist. of 15.785 chs., along the easterly boundary of the Walnut Canyon approach road, 500 ft. easterly of the center line, the chord of said arc bears S. 34°14' W., 15.61 chs. dist.
8.70	Point selected for a witness point.
	Set an aluminum drive rod, 41 ins. long, 3/4 in. diam., 32 ins. in the ground, in a mound of stone, 2 1/2 ft. base, to top, with aluminum cap mkd.
	WP T21N R8E WCNM S25 2002
	From this cor. point, a fences cor. bears S. 31°13' E., 2.63 chs. dist., with 4 strand barbed wire fences bearing N. 15° E. and S. 60° W.
15.785	The witness point, at intersection with the east and west center line of sec. 25, hereinbefore described.
	From this witness point, the point for station 146 + 99.91 P.C., and end of circular curve, bears S. 57°54' W., 9.22 chs. dist., hereinbefore described.
	Not monumented.
	From the point for station 146 + 99.91 P.C., the center line of Walnut Canyon approach road, identical with U.S. Bureau of Public Roads station 146 + 99.91 P.C.S., bears N. 23°21' W., 7.575 chs. dist.
	Not monumented.

#### Metes-and-Bounds Survey in Sections 13, 14, 23, 24 and 25,

CHAINS	
	In sec. 14, Westerly Boundary
	From the point for a witness point at the westerly boundary of the Walnut Canyon approach road, and the southerly right-of-way of Interstate Highway No. 40, hereinbefore described.
	From this cor. point a fence cor. bears S. 68°24' E., 84 lks. dist., with 4 strand barbed wire fences bearing S. 72° E., N. 72° W. and S. 10° W.
	From this same cor. point, Arizona Dept. of Transportation, right-of-way marker, on the southerly right of way of Interstate Highway No. 40, bears N. 68°38' W., 18.51 chs. dist., hereinbefore described.
	From this same cor. point, Arizona Dept. of Transportation right-of-way marker on the southerly right of way of Interstate Highway No. 40, bears S. 68°38' E., 5.36 chs. dist., hereinbefore described.
	From this same cor. point, the right-of-way monument established in the 1974 informative traverse of the center line of the Walnut Canyon approach road, at the intersection of the southerly right-of-way of Interstate Highway No. 40 and 500 ft. westerly of the center line of the abandoned portion of the Walnut Canyon approach road as surveyed by the U.S. Bureau of Public Roads, bears S. 68°42' E., 7.05 chs. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above ground, with brass cap mkd. ROW NPS ROW 1974.
	Add the marks T21N R8E 2002 to the brass cap.
	s. 10°39'30" E., on line WP-29, on the westerly boundary of the Walnut Canyon approach road, 500 ft. westerly of center line.
7.36	Point selected for a witness point, and beginning of circular curve, designated angle point 29, sec. 14.
	Set an aluminum drive rod, 24 ins. long, 3/4 in. diam., 21 ins. in the ground, encircled with a collar of stone, with aluminum cap mkd.
	WP
	T21N R8E



#### CHAINS

Cor. is located 10 lks. W. of 4 strand barbed wire fence bears S. 10° E. and N. 10° W.

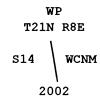
From this cor. point, angle point 4, sec. 14, an Arizona Dept. of Transportation right-of-way marker on the westerly 200 ft. right-of-way of the Walnut Canyon approach road, bears N. 79°20'30" E., 4.545 chs. dist.

Thence, on line 29-30, along the arc of a 11°10'30" circular curve to the left having a radius 3365.04 ft., a dist. of 9.945 chs., along the westerly boundary of the Walnut Canyon approach road, 500 ft. westerly of the center line, the chord of said arc bears S. 16°15' E., 9.93 chs. dist.

9.945

Point selected for a witness point, and end of circular curve, designated angle point 30, sec. 14.

Set an aluminum drive rod, 30 ins. long, 3/4 in. diam., 24 ins. in the ground, in a mound of stone, 3 ft. base, to top with aluminum cap mkd.



Cor. is located 16 lks. W. of 4 strand barbed wire fence bears S. 20° E. and N. 20° W.

From this cor. point, angle point 5, sec. 14, an Arizona Dept. of Transportation right-of-way marker on the westerly 200 ft. right-of-way of the Walnut Canyon approach road, bears N. 68°10' E., 4.545 chs. dist.

S. 21°50' E., on line 30-31, along the westerly boundary of the Walnut Canyon approach road, 500 ft. westerly of the center line.

10.71

Point for a witness point, and beginning of a circular curve, designated angle point 31, sec. 14.

Set an aluminum drive rod, 34 ins. long, 3/4 in. diam., 28 ins. in the ground, in a mound of stone, 3 ft. base, to top, with aluminum cap mkd.

#### CHAINS

WP T21N R8E S14 WCNM

Cor. is located 7 lks. W. of 4 strand barbed wire fence bears S. 20° E. and N. 20° W.

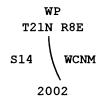
From this cor. point, angle point 6, sec. 14, an Arizona Dept. of Transportation right-of-way marker on the westerly 200 ft. right-of-way of the Walnut Canyon approach road, bears N. 68°10' E., 4.545 chs. dist.

Thence, on line 31-32, along the arc of a 47°49' circular curve to the left having a radius 2456.12 ft., a dist. of 31.06 chs., along the westerly boundary of the Walnut Canyon approach road, 500 ft. westerly of the center line, the chord of said arc bears S. 45°44'30" E., 30.165 chs. dist.

11.345

Point selected for a witness point.

Set an aluminum drive rod, 36 ins. long, 3/4 in. diam., 32 ins. in the ground, with aluminum cap mkd.

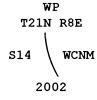


Cor. is located 20 lks. S. of 4 strand barbed wire fence bears S.  $40^{\circ}$  E. and N.  $40^{\circ}$  W.

22.455

Point selected for a witness point.

Set an aluminum drive rod, 20 ins. long, 3/4 in. diam., 14 ins. in the ground, in a mound of stone, 3 ft. base, to top with aluminum cap mkd.



CHAINS	
	Cor. is located 11 lks. S. of 4 strand barbed wire fence bears S. $60^{\circ}$ E. and N. $60^{\circ}$ W.
31.06	The point for station 33 + 61.93 P.T., and end of circular curve, designated angle point 32, sec. 14.
	Not monumented.
	From this point, the center line of Walnut Canyon approach road, identical with U.S. Bureau of Public Roads station 33 + 61.93 P.C.S., bears N. 20°21' E., 7.575 chs.
	Not monumented.
	S. 70°57' E., on line 32-33, along the westerly boundary of the Walnut Canyon approach road, 500 ft. westerly of the center line.
2.91	The point for station 35 + 36.46 P.T., designated angle point 33, sec. 14, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 25 ins. above ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd. PT 35 + 36.46 1974.
	Add the marks T21N R8E 2002 to the brass cap.
	Cor. is located in a 4 strand barbed wire fence, bears ESE and WNW.
	From this cor. point, U.S. Bureau of Public Roads center line reference monument bears N. 18°19' E., 6.695 chs. dist., monumented with a brass disk, 3 ins. diam., set in a concrete form, 16 ins. diam., firmly set, projecting 2 ins. above ground, with top mkd. U.S. BUREAU OF PUBLIC ROADS 35 + 36.46 19 58 + 00 B.M. ELEV. 6643.90.
	S. 71°41' E., on line 33-34, along the westerly boundary of the Walnut Canyon approach road, 500 ft. westerly of the center line.
2.765	The point for station 37 + 18.80 P.S., designated angle point 34, sec. 14, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 24 ins. above ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd. PS 37 + 18.80 1974.
	Add the marks T21N R8E 2002 to the brass cap.
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CHAINS	Cor. is located in a 4 strand barbed wire fence, bears ESE and WNW.
	From this cor. point, U.S. Bureau of Public Roads center line reference monument bears N. 18°19' E., 6.365 chs. dist., monumented with a 2 1/2 iron pipe, set in a concrete form, 12 ins. diam., projecting 4 ins. above ground, brass disk has been removed.
	S. 70°42' E., on line 34-35, along the westerly boundary of the Walnut Canyon approach road, 500 ft. westerly of the center line.
2.315	The point for station 38 + 93.33 P.C., identical with beginning of a circular curve, designated angle point 35, sec. 14.
	Not monumented.
	From this point, the center line of Walnut Canyon Approach road, identical with U.S. Bureau of Public Roads station 38 + 93.33 P.S.C., bears N. 20°49'30" E., 7.575 chs. dist.
	Not monumented.
	Thence, on line 35-36, along the arc of a 52°56' circular curve to the right having a radius 1500 ft., a dist. of 21.00 chs., along the westerly boundary of the Walnut Canyon approach road, 500 ft. westerly of the center line, the chord of said arc bears S. 42°42' E., 20.26 chs. dist.
4.99	From this point, a fence cor. bears N. 33°25' E., 0.79 chs. dist., with 4 strand barbed wire fence bearing SE and WNW.
9.54	Point selected for a witness point.
	Set an aluminum drive rod, 30 ins. long, 3/4 in. diam., 24 ins. in the ground, encircled with a collar of stone, with aluminum cap mkd.
	WP
	T21N R8E
	S14 WCNM
	2002
	Cor. is located 12 lks. E. of a 4 strand barbed wire fence bears S. 35° E. and N. 35° W.

17.15	From this point, a fence cor. bears N. 64°04' E., 0.47 chs. dist., with 4 strand barbed wire fence bearing NW and ENE.
19.39	From this point, a fence cor. bears N. 69°43' E., 0.06 chs. dist., with 4 strand barbed wire fence bearing N. 70° E. and S. 10° E.
21.00	The point for station 57 + 41.05 P.T. and end of circular curve, designated angle point 36, sec. 14.
	Not monumented.
	From this point, the center line of Walnut Canyon approach road, identical with U.S. Bureau of Public Roads station 57 + 41.05 P.C.S., bears N. 73°45'30" E., 7.575 chs.
	Not monumented.
	S. 14°44' E., on line 36-37, along the westerly boundary of the Walnut Canyon approach road, 500 ft. westerly of the center line.
2.315	The point for station 59 + 15.58 P.T., designated angle point 37, sec. 14, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 24 ins. above ground, in a mound of stone, 4 ft. base, 1 1/2 ft. high, with brass cap mkd. PT 59 + 15.58 1974.
	Add the marks T21N R8E 2002 to the brass cap.
	From this cor. point, U.S. Bureau of Public Roads center line reference monument bears N. 76°14' E., 6.455 chs. dist., monumented with a brass disk, 3 ins. diam., set in a concrete form, 16 ins. diam., firmly set, projecting 1 in. above ground, with top mkd. U.S. BUREAU OF PUBLIC ROADS 59 + 15.58 19 74 + 00 B.M. ELEV. 6607.17.
	S. 13°46' E., on line 37-WP, along the westerly boundary of the Walnut Canyon approach road, 500 ft. westerly of the center line.
1.215	The point for a witness point at the intersection with the line bet. secs. 14 and 23, hereinbefore described.
	From this cor. point, the cor. of secs. 14 and 23 only, bears N. 89°52' E., 2.93 chs. dist., hereinbefore described.

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CHAINS	
	Set an aluminum drive rod, 38 ins. long, 3/4 in. diam., 32 ins. in the ground, encircled with a collar of stone, with aluminum cap mkd.
	WP
	T21N R8E
	S24 WCNM
	2002
14.28	The point for station 78 + 77.90 P.T., designated angle point 8, sec. 24, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 24 ins. above ground, in a mound of stone, 4 1/2 ft. base, to top, with brass cap mkd. PT 78 + 77.90 1974.
	Add the marks T21N R8E 2002 to the brass cap.
	From this cor. point, U.S. Bureau of Public Roads center line reference monument bears N. 60°49' E., 6.06 chs. dist., monumented with a brass disk, 3 ins. diam., set in a concrete form, 16 ins. diam., firmly set, projecting 1 in. above ground, with top mkd. U.S. BUREAU OF PUBLIC ROADS 78 + 77.90 1956 100 + 00 B.M. ELEV. 6598.4.
	S. 29°11' E., on line 8-9, along the westerly boundary of the Walnut Canyon approach road, 500 ft. westerly of the center line.
12.65	Cor. of 4 strand barbed wire fences, bearing N. 60° E. and W.
13.12	Point selected for a witness point.
	Set an aluminum drive rod, 18 ins. long, 3/4 in. diam., 10 ins. in the ground, encircled with a collar of stone, with aluminum cap mkd.
	WP
	T21N R8E
	S24 WCNM
	2002
	Cor. located beneath a 6 strand power line, bears E. and W.
13.21	Cor. of 4 strand barbed wire fences, bearing N. 80 $^{\circ}$ E. and S. 30 $^{\circ}$ E.

CHAINS	
19.99	The point for station 91 + 98.01 P.S., designated angle point 9, sec. 24, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 16 ins. above ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd. PS 91 + 98.01 1974.
	Add the marks T21N R8E 2002 to the brass cap.
	Cor. is located in a 4 strand barbed wire fence, bears SSE and NNW.
	From this cor. point, U.S. Bureau of Public Roads center line reference monument bears N. 60°49' E., 6.365 chs. dist., monumented with a brass disk, 3 ins. diam., set in a concrete form, 18 ins. diam., firmly set, projecting 6 ins. above ground, with top mkd. U.S. BUREAU OF PUBLIC ROADS 91 + 98.01 1956 80 + 00 B.M. ELEV. 6633.41.
	S. 28°29'30" E., on line 9-10, along the westerly boundary of the Walnut Canyon approach road, 500 ft. westerly of the center line.
2.32	The point for station 93 + 72.54 P.T., identical with beginning of a circular curve, designated angle point 10, sec. 24.
	Not monumented.
	From this point, the center line of Walnut Canyon approach road, identical with U.S. Bureau of Public Roads station 93 + 72.54 P.S.C., bears N. 63°16' E., 7.575 chs.
	Not monumented.
	Thence, on line 10-11, along the arc of a 39°41' circular curve to the right having a radius 1500 ft., a dist. of 15.74 chs., along the westerly boundary of the Walnut Canyon approach road, 500 ft. westerly of the center line, the chord of said arc bears S. 6°53' E., 15.425 chs. dist.
7.12	Point selected for a witness point.
	Set an aluminum drive rod, 36 ins. long, 3/4 in. diam., 30 ins. in the ground, encircled with a collar of stone, with aluminum cap mkd.

CHAINS	
	WP
	T21N R8E
	S24 VICINA
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	2002
	From this cor. point, a fence cor. bears N. 71°50' E., 1.43 chs.
	dist., with 4 strand barbed wire fence bearing SSW and NNW.
	disc., with 4 strand barbed wire rence bearing SSW and NNW.
15.74	The point for station 107 + 57.17 P.T. and end of circular
13.71	curve, designated angle point 11, sec. 24.
	ourve, designated ungre point 11, see. 21.
	Not monumented.
	1100 1101101101001
	From this point, the center line of Walnut Canyon approach road,
	identical with U.S. Bureau of Public Roads station 107 + 57.17
	P.C.S., bears S. 77°03' E., 7.575 chs.
	Not monumented.
1	S. 14°43' W., on line 11-12, along the westerly boundary of the
	Walnut Canyon approach road, 500 ft. westerly of the center
	line.
i	
2.31	The point for station 109 + 31.70 P.T., designated angle point
	12, sec. 24, monumented with an iron post, 2 1/2 ins. diam.,
	firmly set, projecting 17 ins. above ground, in a mound of
	stone, 3 ft. base, 1 ft. high, with brass cap mkd. PT 109 +
	31.70 1974.
	Add the marks T21N R8E 2002 to the brass cap.
	Gon de located in a Aleband banked wine forms. Notice W 150 B
	Cor. is located in a 4 strand barbed wire fence, bears N. 15° E. and S. 15° W.
	and S. 15 w.
	From this cor. point, U.S. Bureau of Public Roads center line
	reference monument bears S. 74°31' E., 6.59 chs. dist.,
	monumented with a brass disk, 3 ins. diam., set in a concrete
	form, 13 ins. diam., firmly set, projecting 3 ins. above ground,
	with top mkd. U.S. BUREAU OF PUBLIC ROADS 109 + 31.70 1956 65 +
	00 B.M. ELEV. 6668.82.
	S. 15°29' W., on line 12-WP, along the westerly boundary of the
	Walnut Canyon approach road, 500 ft. westerly of the center
	line.
7.08	Point selected for a witness point.
L	

Г	CHAINS	
		Set an aluminum drive rod, 30 ins. long, 3/4 in. diam., 25 ins. in the ground, encircled with a collar of stone, with aluminum cap mkd.
		WP T21N R8E S24 / WCNM 2002
		Cor. is located 3 lks. W. of a 4 strand barbed wire fence, bears NNE and SSW.
	14.87	The point for a witness point at the intersection with the line bet. secs. 24 and 25, hereinbefore described.
		From this cor. point, the closing cor. of secs. 25 and 26, bears S. 89°39' W., 12.52 chs. dist., hereinbefore described.
		Thence in sec. 25.
		s. 15°29' W., on line WP-3, continuing along the westerly boundary of the Walnut Canyon approach road, 500 ft. westerly of the center line.
	10.915	Point selected for a witness point.
		Set an aluminum drive rod, 42 ins. long, 3/4 in. diam., 38 ins. in the ground, encircled with a collar of stone, with aluminum cap mkd.
		WP
		T21N R8E
		S25
		√ WCNM
		2002
		Cor. is located in a 4 strand barbed wire fence, bears NNE and SSW.
	20.385	The point for station 132 + 58.70 P.S., designated angle point 3, sec. 25, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 18 ins. above ground, in a mound of stone, 3 ft. base, 1 ft. high, with brass cap mkd. PS 132 + 58.70 1974.
		Add the marks T21N R8E 2002 to the brass cap.
- 1		

located 4.5 lks. NE of a fence cor. with 4 strand barbed
nces, bearing N. 15° E. and E.
is cor. point, U.S. Bureau of Public Roads center line ce monument bears S. 74°31' E., 6.365 chs. dist., ced with a brass disk, 3 ins. diam., set in a concrete ins. diam., firmly set, projecting 1 in. above ground, o mkd. U.S. BUREAU OF PUBLIC ROADS 132 + 58.70 1956 80 + ELEV. 6702.32.
4' W., on line 3-4, along the westerly boundary of the Canyon approach road, 500 ft. westerly of the center
of Forest Service Road No. 303, improved graded, 16 ft. ears E. and W.
fences, with 4 strand barbed wire fences bearing E. and $\overline{ extsf{W}}$ .
nt for station 134 + 60.29 P.C., and beginning of a curve, designated angle point 4, sec. 25.
umented.
is point, the center line of Walnut Canyon approach road, al with U.S. Bureau of Public Roads station 134 + 60.29 bears S. 70°42' E., 7.575 chs.
umented.
on line 4-WP, along the arc of a 38°20 circular curve to ht having a radius 1000 ft., a dist. of 10.14 chs., along terly boundary of the Walnut Canyon approach road, 500 terly of the center line, the chord of said arc bears 8'30" W., 9.95 chs. dist.
elected for a witness point.
aluminum drive rod, 30 ins. long, 3/4 in. diam., 25 ins. ground, with aluminum cap mkd.
WP T21N R8E S25  WCNM 2002

CHAINS			
	From this cor. point, a fence cor. bears S. 34°15' E., 1.28 chs. dist., with 4 strand barbed wire fences bearing N. 20° E. and S. 65° W.		
8.18	4 strand barbed wire fence, bears N. 65° E. and S. 65° W.		
10.14	The point for a witness point at the intersection with the line bet. secs. 25 and 26, hereinbefore described.		
	From this cor. point, the 1/4 sec. cor. of secs. 25 and 26, bears S. 0°18' E., 10.145 chs. dist., hereinbefore described.		
	From this same cor. point, the point for station 146 + 99.91 P.T., and end of circular curve, bears S. 62°09' W., 2.38 chs. dist.		
:	Not monumented.		
	From the point for station 146 + 99.91 P.T., the center line of Walnut Canyon approach road, identical with U.S. Bureau of Public Roads station 146 + 99.91 P.C.S., bears S. 23°21' E., 7.575 chs.		
	Not monumented.		
	Metes-and-Bounds Survey in Section 26, T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona		
	From angle point 1, sec. 26, on the line bet. secs. 26 and 27, and 38 lks. (25 ft.), southerly of the center line of Forest		
2.53	T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona  From angle point 1, sec. 26, on the line bet. secs. 26 and 27, and 38 lks. (25 ft.), southerly of the center line of Forest Service Road No. 303, hereinbefore described.  N. 86°29' E., on line 1-2, parallel with and 38 lks. (25 ft.),		
2.53	From angle point 1, sec. 26, on the line bet. secs. 26 and 27, and 38 lks. (25 ft.), southerly of the center line of Forest Service Road No. 303, hereinbefore described.  N. 86°29' E., on line 1-2, parallel with and 38 lks. (25 ft.), southerly of the center line of Forest Service Road No. 303.		
2.53	From angle point 1, sec. 26, on the line bet. secs. 26 and 27, and 38 lks. (25 ft.), southerly of the center line of Forest Service Road No. 303, hereinbefore described.  N. 86°29' E., on line 1-2, parallel with and 38 lks. (25 ft.), southerly of the center line of Forest Service Road No. 303.  Point for angle point 2, sec. 26.  Set an aluminum drive rod, 42 ins. long, 3/4 in. diam., 35 ins. in the ground, encircled with a collar of stone, with aluminum		
2.53	From angle point 1, sec. 26, on the line bet. secs. 26 and 27, and 38 lks. (25 ft.), southerly of the center line of Forest Service Road No. 303, hereinbefore described.  N. 86°29' E., on line 1-2, parallel with and 38 lks. (25 ft.), southerly of the center line of Forest Service Road No. 303.  Point for angle point 2, sec. 26.  Set an aluminum drive rod, 42 ins. long, 3/4 in. diam., 35 ins. in the ground, encircled with a collar of stone, with aluminum cap mkd.  T21N R8E S26		
2.53	From angle point 1, sec. 26, on the line bet. secs. 26 and 27, and 38 lks. (25 ft.), southerly of the center line of Forest Service Road No. 303, hereinbefore described.  N. 86°29' E., on line 1-2, parallel with and 38 lks. (25 ft.), southerly of the center line of Forest Service Road No. 303.  Point for angle point 2, sec. 26.  Set an aluminum drive rod, 42 ins. long, 3/4 in. diam., 35 ins. in the ground, encircled with a collar of stone, with aluminum cap mkd.		
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2.53	From angle point 1, sec. 26, on the line bet. secs. 26 and 27, and 38 lks. (25 ft.), southerly of the center line of Forest Service Road No. 303, hereinbefore described.  N. 86°29' E., on line 1-2, parallel with and 38 lks. (25 ft.), southerly of the center line of Forest Service Road No. 303.  Point for angle point 2, sec. 26.  Set an aluminum drive rod, 42 ins. long, 3/4 in. diam., 35 ins. in the ground, encircled with a collar of stone, with aluminum cap mkd.  T21N R8E  S26  AP  WCNM		

#### Metes-and-Bounds Survey in Section 26, T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona

T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona		
CHAINS		
	N. 88°12' E., on line 2-3, parallel with and 38 lks. (25 ft.), southerly of the center line of Forest Service Road No. 303.	
38.21	Angle point 3, sec. 26, at the intersection with the N. and S. center line of sec. 26, hereinbefore described.	
	N. 88°12' E., on line 3-4, parallel with and 38 lks. (25 ft.), southerly of the center line of Forest Service No. 303.	
41.23	Angle point 4, sec. 26, at the intersection with the line bet. secs. 25 and 26, hereinbefore described.	
	GENERAL DESCRIPTION	
	This survey is located in and adjacent to Walnut Canyon National Monument, approximately 10 miles east-southeast of Flagstaff Arizona. The elevation varies from about 6600 to 6900 ft. above sea level. Walnut Canyon is the predominant geological feature in secs. 27, 33 and 34.	
Vegetation is dominated by ponderosa pine, juniper and pine Soils are predominantly shallow and rocky.  Access is by means of the Walnut Canyon Approach Road, and numerous Forest Service roads.		

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### FIELD ASSISTANTS

NAMES	CAPACITY
Robert J. Lyle	Surveying Technician
Mike M. Barnett	Survey Aid

#### CERTIFICATE OF SURVEY

I, Gordon R. Bubel, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 31st day of July, 2002, I have dependently resurveyed a portion of the Fifth Standard Parallel North (South Boundary), a portion of the subdivisional lines, the subdivision of sections 25, 26, 27, 33 and 34, and the metes-and-bounds surveys in certain sections, T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction. 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.

JAN 31, 2005

(Date)

(Cadastral Surveyor)

#### CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the Fifth Standard Parallel North (South Boundary), a portion of the subdivisional lines, the subdivision of sections 25, 26, 27, 33 and 34, and the metes-and-bounds surveys in certain sections, T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona, executed by Gordon R. Bubel, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

March 4, 2005

(Date)

CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of the field notes of the above described surveys in T. 21 N., R. 8 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.

(Date)

Acting (Chief Cadastral Surveyor of Arizona)