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INDEX DIAGRAM

Township 5 South, Range 5 West

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Dependent Resurvey of Portions of T. 5 S., R. 5 W.,
Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the east and west boundaries and a portion of the subdivisional lines of Township 5 South, Range 5 West, Gila and Salt River Meridian, Arizona.

The history of surveys of the township is as follows:

The south boundary (First Standard Parallel South), the west boundary, a portion of the east and north boundaries, and a portion of the subdivisional lines were surveyed by Solomon W. Foreman, U.S. Deputy Surveyor, in 1871, as shown on the official plat of survey approved May 1, 1871. The north 2 miles of the west boundary were retraced by William M. Breakenridge, U.S. Deputy Surveyor, in 1890. The south boundary of the township (First Standard Parallel South) was resurveyed by Daniel Drummond, U.S. Deputy Surveyor, in 1891. The north 1 mile of the west boundary was retraced by L. D. Chillson, Examiner of Surveys, in 1892. The south boundary of section 31, Township 4 South, Range 4 West, was completed by Karl L. Siebecker, U.S. Surveyor, in 1931, as shown on the official plat of survey accepted November 10, 1932. The west 3 miles of the north boundary, the south $4\frac{1}{2}$ miles of the east boundary, and a portion of the subdivisional lines were retraced, and the survey of the north boundary and subdivisional lines was completed by Ty White and Claude F. Warner, Assistant Cadastral Engineers, in 1941-43, as shown on the official plat of survey accepted February 7, 1944. The west 3 miles of the north boundary were resurveyed by Ty White and Claude F. Warner, Cadastral Engineers, in 1949, as shown on the official plat of survey of Township 4 South, Range 5 West, accepted February 28, 1950.

Subsequent to the official surveys many of the corners in the southern half of the township have been locally remonumented. A search of the Maricopa County and other local agency records does not reveal the origin of the monumentation nor method of determining the corner points, except that they begin to appear in the records in 1963 and thereafter. Improvements (roads, fences, irrigation ditches, etc.) have been made using these locally accepted corners. Due to a nearly total lack of direct evidence of the original corner monumentation, these "local corners" were accepted and used to control this dependent resurvey.

The resurvey was executed in accordance with specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 591, Arizona, dated November 17, 1976.

Preliminary to the resurvey the lines of the original survey and resurveys were retraced and search was made for all corners and other calls of the record. Identified corners were remonumented in their original positions; lost corners were restored and remonumented at proportionate positions based on the official record. The retracement data were thoroughly verified and only the true line field notes are given herein. The brass caps of the corner monuments are marked GBIR to indicate lands of the Gila Bend Indian Reservation.

The directions of all lines refer to the true meridian and were determined by means of fore- and backsights and angular deflections from azimuths obtained by direct solar observations. All lines were measured with a Hewlett-Packard, Model 3805A, electronic distance measuring instrument. All lines not forming a closure were measured twice.

Dependent Resurvey of Portions of T. 5 S., R. 5 W.,
Gila and Salt River Mer., Arizona

CHAINS

The geographic position of the southeast corner of section 13, as scaled from the U.S. Geological Survey quadrangle map, "GILA BEND, ARIZ.", 15 minute series, prepared in 1951, is as follows:

Latitude: 32° 59.1' N. Longitude: 112° 43.0' W.

The mean magnetic declination is 13° 00' E.

Dependent Resurvey of a Portion of the East Boundary,
T. 5 S., R. 5 W., Gila and Salt River Meridian, Arizona

(Restoring the 1871 survey by Soloman W. Foreman
and 1941-43 resurvey by Ty White and Claude F. Warner)

Beginning at the cor. of secs. 13, 18, 19, and 24, on the E. bdy. of the Tp., locally monumented with an iron pipe, 2 ins. diam., extending 18 ins. above a block of concrete, 24 ins. square, firmly set. The concrete is inscribed with the letters "SEC" in each of the four quadrants. This position has been recognized as the cor. by adjacent landowners and local surveyors, and is accepted as the best available evidence of the original cor. position.

At the corner point

Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T 5 S	
R 5 W	R 4 W
GBIR	
S 13	S 18
S 24	S 19
1977	

Deposit local corner monument alongside the iron post.

The cor. is located in a barbed wire fence, on wooden posts, which bears irregularly East, and on steel posts northerly and westerly; 20 lks. W. of a gravelled road which bears N., and 65 lks. N. of a gravelled road which bears E. and W.

From this point the cor. of secs. 19, 24, 25, and 30, on the E. bdy. of the Tp., bears S. 0° 14' W., 79.26 chs. dist., monumented with an iron post, 1 in. diam., set in concrete and in a monument case, the top 6 ins. below the surface of the intersection of Watermelon Road and 307th Ave., with brass cap, 3 ins. diam., mkd. MARICOPA COUNTY HIGHWAY DEPT. This position has been recognized as the cor. by adjacent landowners and local surveyors, and is accepted as the best available evidence of the original cor. position. This control line was fully retraced and no evidence of the intervening cor. was found.

N. 0° 19' W., bet. secs. 13 and 18.

Over nearly level land, along a gravel surfaced road, 40 lks. wide.

40.225

Point for the ¼ sec. cor. of secs. 13 and 18, at proportionate dist.; there is no remaining evidence of the original cor.

Set an iron post, 28 ins. long, 2½ ins. diam., 32 ins. in the ground, the top 4 ins. below the surface of a gravelled road, with brass cap mkd.

Dependent Resurvey, Portion of E. Bdy.,
T. 5 S., R. 5 W., Gila and Salt River Mer., Arizona

CHAINS		
	<p style="text-align: center;">T 5 S G R 5 W R 4 W B $\frac{1}{4}$ I S 13 S 18 R 1977</p> <p>from which</p> <p>An iron post, 28 ins. long, 2½ ins. diam., set 22 ins. in the ground, for a reference monument, bears S. 20¼° W., 51.1 lks. dist., with brass cap mkd. T5S R5W RM S13 33.7 FT 1977 and an arrow pointing to the cor. This reference monument is set alongside a wooden post, 7 x 7 ins., extending 5 ft. above ground.</p> <p>The cor. is located in the curve of a gravel surfaced road, which bears E. and S.</p> <p>Continue over nearly level land, through medium undergrowth of low desert vegetation.</p>	
70.80	Enter bottom land of Gila River, bears E. and W.	
73.91	Point for the meander cor. of secs. 13 and 18, on the left bank of the Gila River, at proportionate dist.; there is no remaining evidence of the original cor.	
	No permanent monument established.	
76.43	Point for the meander cor. of secs. 13 and 18, on the right bank of the Gila River, at proportionate dist.; there is no remaining evidence of the original cor.	
	No permanent monument established.	
80.45	Point for the cor. of secs. 7, 12, 13, and 18, at proportionate dist.; there is no remaining evidence of the original cor.	
	Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.	
	<p style="text-align: center;">G T 5 S B R 5 W R 4 W I S 12 S 7 R S 13 S 18 1977</p>	
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.	
	N. 0° 19' W., bet. secs. 7 and 12.	
	Over nearly level land, flood plain of Gila River, through light desert vegetation.	
27.70	Leave river bottom, bears E. and W.; asc. SE. slope.	
37.80	Spur, slopes S. 40° W.; desc. over N. slope.	
40.225	The ¼ sec. cor. of secs. 7 and 12, remonumented by Ty White and Claude F. Warner in 1942, an iron post, 1 in. diam., firmly set in a mound of stone, 3 ft. base, 2 ft. high, with brass cap mkd. as described in the official record, and witnessed by a mound of stone, 3 ft. base, 2 ft. high. W. of cor.	

Dependent Resurvey, Portion of E. Bdy.,
T. 5 S., R. 5 W., Gila and Salt River Mer., Arizona

CHAINS

The brass cap is additionally mkd. to now read

	T 5 S		
	R 5 W	¼	R 4 W
G			
B	S 12		S 7
I	BLM		1977
R			1942

N. 0° 01' W., beginning new measurement.

Ascend over broken S. slope, through light undergrowth.

28.10 Spur, slopes S. 80° W.; asc. along broken W. slope.

37.00 Spur, slopes W.; desc. broken N. slope.

41.04 The cor. of secs. 1, 6, 7, and 12, established and monumented by Ty White and Claude F. Warner in 1942, with an iron post, 2 ins. diam., firmly set in a mound of stone, 4 ft. base, 3 ft. high, with brass cap mkd. as described in the official record.

The brass cap is additionally mkd. to now read

	T 5 S		
G	R 5 W	R 4 W	
B	S 1		S 6
I	S 12		S 7
R	BLM		1977
			1942

N. 0° 02' W., bet. secs. 1 and 6.

Descend along broken W. slope, through moderate undergrowth.

26.00 Spur, slopes S. 60° W.; desc. broken NW. slope.

39.42 The ¼ sec. cor. of sec. 6 only, on the W. bdy. of T. 5 S., R. 4 W.; monumented with an iron post, 1 in. diam., firmly set in a mound of stone, 4 ft. base, 2 ft. high, with brass cap mkd. as described in the official record, except that it is dated 1943 instead of 1942.

The brass cap is additionally mkd. to now read

	T 5 S		
G	R 5 W	R 4 W	
B			¼
I			S 6
R	BLM		1977
			1943

N. 0° 01' E., beginning new measurement.

Over nearly level land.

0.50 The ¼ sec. cor. of sec. 1 only, monumented with an iron post, 1 in. diam., firmly set in a mound of stone, 3 ft. base, 1 ft. high, with brass cap mkd. as described in the official record, except that it is dated 1943 instead of 1942.

Dependent Resurvey, Portion of E. Bdy.,
T. 5 S., R. 5 W., Gila and Salt River Mer., Arizona

CHAINS

The brass cap is additionally mkd. to now read

	T 5 S	
	R 5 W	R 4 W
G	¼	
B	S 1	
I	BLM 1977	
R	1943	

N. 0° 01' E., beginning new measurement.

Ascend over broken and rocky general SW. slope.

31.00 Spur, slopes SE.; desc. along E. slope.

38.93 True point for the closing cor. of Tps. 5 S., Rs. 4 and 5 W., on the S. bdy. of sec. 31, T. 4 S., R. 4 W.

From this point the witness cor. to the closing cor. bears N. 89° 59' W., 0.90 chs. dist., monumented with an iron post, 3 ins. diam., firmly set in a mound of stone, 4 ft. base, 3 ft. high, with brass cap mkd. as described in the official record.

From this same point the ¼ sec. cor. of secs. 6 and 31, on the S. bdy. of T. 4 S., R. 4 W., bears S. 89° 59' E., 40.07 chs. dist., monumented with an iron post, 1 in. diam., firmly set in a mound of stone, 4 ft. base, 2 ft. high, with brass cap mkd. as described in the official record, from which the remaining bearing tree, mkd. by Siebecker in 1931

An ironwood snag, 12 ins. diam., bears S. 11½° W., 164 lks. dist., with scribe marks ¼ S visible on open blaze.

Dependent Resurvey of a Portion of the West Boundary,
T. 5 S., R. 5 W., Gila and Salt River Meridian, Arizona

(Restoring the 1871 survey by Soloman W. Foreman
and 1890 retracement by William M. Breakenridge)

From the cor. of secs. 7, 12, 13, and 18, on the W. bdy. of the Tp., determined by the irregular boundary method of proportioning; there is no remaining evidence of the original cor.

At the corner point

Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.

	T 5 S	G
	R 6 W	R 5 W
	S 12	S 7
	S 13	S 18
	1977	

from which

A power pole, 10 ins. diam., bears S. 18½° W., 80½ lks. dist., in a line of poles bearing N. and S.

A power pole, 11 ins. diam., bears N. 86½° W., 156½ lks. dist., in a line of poles which bear W.

Dependent Resurvey, Portion of W. Bdy.,
T. 5 S., R. 5 W., Gila and Salt River Mer., Arizona

CHAINS

From this point the cor. of secs. 13, 18, 19, and 24, on the W. bdy. of the Tp., bears S. 0° 10' W., 80.12 chs. dist., locally monumented with a reinforcing rod, 5/8 in. diam., firmly set, flush in the center of Citrus Valley Road; from which an apparent reference monument, a concrete cylinder, 4 ins. diam., extending 6 ins. above ground, firmly set, bears N. 3° 36' W., 49.9 lks. dist., with a metal cap, 1 in. diam., mkd. 31. This position has been recognized as the cor. by adjacent landowners and local surveyors, and is accepted as the best available evidence of the original cor. position.

The control line was fully retraced, and no evidence of the intervening cor. was found.

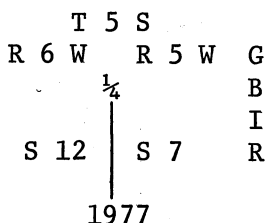
N. 0° 10' E., bet. secs. 7 and 12.

Over nearly level land, in a gully, 90 lks. wide, bet. dirt farm roads.

40.10

Point for the 1/4 sec. cor. of secs. 7 and 12, determined by the irregular boundary method of proportioning; there is no remaining evidence of the original cor.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.



from which

A power pole, No. 3-46, 13 ins. diam., bears S. 23 1/2° W., 139 lks. dist., to head of a nail.

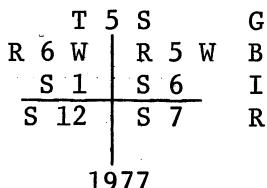
N. 0° 14' E., beginning new measurement.

Along a gully and gradually ascending to the top of a low dike along the E. side of an irrigation canal.

40.13

Point for the cor. of secs. 1, 6, 7, and 12, determined by the irregular boundary method of proportioning.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.



from which

A mesquite snag, size indeterminate, lying on a pile of debris from clearing operations, bears N. 81° 07' E., 177 lks. dist., with scribe marks R5W S BT visible on open blaze. This is the bearing tree mkd. by White and Warner in 1941 but the original position occupied by the tree has been destroyed and is unascertainable.

Dependent Resurvey, Portion of West Bdy.,
T. 5 S., R. 5 W., Gila and Salt River Mer., Arizona

CHAINS		
	<p>The cor. is located on the E. slope of an irrigation canal, 30 lks. E. of the center of the canal and 2 lks. S. of an 8 in. diam., wooden fence corner post.</p>	
	<p>N. 0° 11' E., bet. secs. 1 and 6.</p>	
	<p>Over nearly level land, through medium to dense undergrowth, along a barbed wire fence on wooden posts.</p>	
14.90	<p>Point for the meander cor. of secs. 1 and 6, on the left bank of the Gila River (established by Foreman in 1871), at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>No permanent monument established.</p>	
19.00	<p>Point for the meander cor. of secs. 1 and 6, on the right bank of the Gila River (established by Foreman in 1871), at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>No permanent monument established.</p>	
40.00	<p>Point for the ¼ sec. cor. of secs. 1 and 6, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 5 S R 6 W R 5 W G ¼ S 1 S 6 R 1977</p> </div>	
	<p>The cor. is located beside a wooden fence post, in a barbed wire fence which bears N. and S.</p> <p>Continue over nearly level flood plain of Gila River, through dense undergrowth, along barbed wire fence.</p>	
49.35	<p>Left bank of an old channel of the Gila River, bears N. 70° W. and S. 70° E.; continue across channel, drains N. 70° W.</p>	
53.50	<p>Right bank of old channel of Gila River; ascend slightly over nearly level land.</p>	
79.78	<p>Fence cor., fences extend N., S., and W.</p>	
80.00	<p>The cor. of Tps. 4 and 5 S., Rs. 5 and 6 W., monumented with an iron post, 3 ins. diam., extending 5 ins. above ground, in an embedded mound of stone, 2 ft. base, 1 ft. high, with the original mesquite corner post buried alongside. Add the marks GBIR BLM 1977 to the brass cap which is now marked to read</p>	

Dependent Resurvey, Portion of West Bdy.,
T. 5 S., R. 5 W., Gila and Salt River Mer., Arizona

CHAINS

T 4 S		
R 6 W		R 5 W
S 36		S 31
S 1		S 6
R 6 W		R 5 W
		G
		B
		I
		R
BLM 1977		
1941		

The cor. is located in a barbed wire fence, on wooden posts, which bears N. and S.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 5 S., R. 5 W., Gila and Salt River Meridian, Arizona

(Restoring the 1871 survey by Soloman W. Foreman)

From the cor. of secs. 13, 18, 19, and 24, on the E. bdy. of the Tp.

S. 89° 21' W., bet. secs. 13 and 24.

Descend over rolling land, through moderate undergrowth, along a barbed wire fence on wooden posts and gravelled road.

39.935

Point for the ¼ sec. cor. of secs. 13 and 24, at proportionate dist.; there is no remaining evidence of the original cor.

Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.

T 5 S		R 5 W
GBIR		
	S 13	
¼		S 24
		1977

The cor. is located in a barbed wire fence, bears E. and W., and 30 lks. N. of the center of a gravelled surfaced road, 40 lks. wide, bears E. and W.

Continue over nearly level land, along fence and road.

60.00

Gravelled road begins to bear about S. 80° W., departing from line.

79.87

The cor. of secs. 13, 14, 23, and 24, locally monumented with an iron pipe, 36 ins. long, 1½ ins. diam., extending 6 ins. above ground, firmly set. This position has been recognized as the cor. by adjacent landowners and local surveyors, and is accepted as the best available evidence of the original cor. position.

At the corner point

Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.

T 5 S		R 5 W
GBIR		
S 14		S 13
S 23		S 24
		1977

from which

Dependent Resurvey, Portion of Subdivisional Lines,
T. 5 S., R. 5 W., Gila and Salt River Mer., Arizona

CHAINS

A reinforcing rod, ½ in. diam., extending 6 ins. above ground, firmly set, bears N. 74° W., 61.3 lks. dist.; located in a barbed wire fence which bears N. and S.

A wooden fence corner post, 6 x 6 ins. 5 ft. above ground, from which fences extend W. and S., bears N. 44° W., 84.4 lks. dist., to a nail and metal flasher.

Deposit local iron pipe alongside the iron post.

From this point the true point for the cor. of secs. 11, 12, 13, and 14, bears N. 1° 46' W., 82.19 chs. dist., from which the witness cor. to the cor. of secs. 11, 12, 13, and 14, bears N. 3° 04' W., 6.50 chs. dist., monumented with an iron post, 2 ins. diam., extending 18 ins. above ground, firmly set, with brass cap mkd.

T 5 S	R 5 W
S 11	S 12
S 14	S 13
WC	
1943	

from which

A dead mesquite, 12 ins. diam., bears N. 29° E., 207 lks. dist., with scribe marks S R5 visible on opened blaze. (Record, N. 30½° E.)

This control line was fully retraced and no evidence of the intervening cor. was found.

From this same point the ¼ sec. cor. of secs. 23 and 24, bears S. 1° 30' W., 39.10 chs. dist., monumented with an iron post, 2 ins. diam., extending 8 ins. above ground, firmly set, with brass cap mkd. U.S.C.E. ¼ 114 L.A. DIST. This position has been recognized as the cor. by adjacent landowners and local surveyors, and is accepted as the best available evidence of the original cor. position.

From this point the cor. of secs. 23, 24, 25, and 26, bears S. 1° 46' W., 39.70 chs. dist., locally monumented with an iron rod, 1½ in. diam., set in concrete, the top 6 ins. below the paved surface of Watermelon Road. This point is recorded by the Maricopa County Highway Department. This position has been recognized as the cor. by adjacent landowners and local surveyors, and is accepted as the best available evidence of the original cor. position.

Both of the above positions are locally recognized and accepted as the cors. by adjacent landowners and area surveyors, and they are accepted as the best available evidence of the original cor. position.

N. 89° 34' W., bet. secs. 14 and 23.

Over nearly level land.

0.60 Barbed wire fence, bears S. and N., 44 lks. to fence cor.

1.20 Gully, 60 lks. wide, drains S.

Dependent Resurvey, Portion of Subdivisional Lines,
T. 5 S., R. 5 W., Gila and Salt River Mer., Arizona

CHAINS

40.605 Point for the $\frac{1}{4}$ sec. cor. of secs. 14 and 23, at proportionate dist.; there is no remaining evidence of the original cor.

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.

T 5 S R 5 W
GBIR
 $\frac{1}{4}$ $\frac{S 14}{S 23}$
1977

Set a steel fence post, 4 ft. long, alongside the iron post.

The cor. is located in the N. edge of a cultivated field, 45 lks. S. of the center of a dirt road, 25 lks. wide, bears E. and W.

Continue over level land, through cultivated field.

81.21 The cor. of secs. 14, 15, 22, and 23, locally monumented with an iron pipe, $1\frac{1}{2}$ in. diam., extending 12 ins. above a block of concrete, 24 ins. square, firmly set. The concrete is inscribed SEC 14 in NE., SEC 23 in SE., SEC 22 in SW., and SEC 15 in NW. quadrants. This position is locally accepted and recognized as the cor. by adjacent landowners and area surveyors and is accepted as the best available evidence of the original cor. position.

At the corner point

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.

T 5 S R 5 W
GBIR
 $\frac{S 15}{S 22}$ | $\frac{S 14}{S 23}$
1977

Deposit local cor. monument alongside the iron post.

The cor. is located $2\frac{1}{2}$ lks. N. of a barbed wire fence, on wooden and metal posts, bears E. and W.

From this point the cor. of secs. 22, 23, 26, and 27, bears S. $1^{\circ} 50'$ W., 79.55 chs. dist., locally monumented with an iron pipe, 3 ins. diam., with an iron pipe, 2 ins. diam., set alongside the tops of both are 24 ins. below the surface of the ground, and located in a power line which bears E. and W. This position is locally accepted and recognized as the cor. by adjacent landowners and area surveyors, and is accepted as the best available evidence of the original cor. position.

N. $89^{\circ} 52'$ W., bet. secs. 15 and 22.

Over nearly level land, along barbed wire fence.

27.08 From this point a fence cor., bears S., 26 lks. dist., from which fences extend easterly and southerly.

Continue through scattered desert vegetation.

Dependent Resurvey, Portion of Subdivisional Lines,
T. 5 S., R. 5 W., Gila and Salt River Mer., Arizona

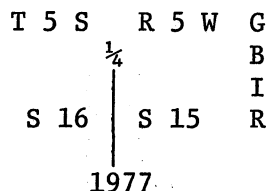
<p>CHAINS 40.71</p>	<p>Point for the $\frac{1}{4}$ sec. cor. of secs. 15 and 22, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 5 S R 5 W GBIR $\frac{1}{4}$ $\frac{S 15}{S 22}$ 1977</p> </div> <p>Continue over nearly level land, through scattered desert vegetation.</p>
<p>81.42</p>	<p>Point for the cor. of secs. 15, 16, 21, and 22, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 5 S R 5 W GBIR $\frac{S 16}{S 21}$ $\frac{S 15}{S 22}$ 1977</p> </div> <p>From this point the cor. of secs. 21, 22, 27, and 28, bears S. $0^{\circ} 59' W.$, 79.51 chs. dist., locally monumented with an iron post, 3 ins. diam., the top 8 ins. below the paved surface of Watermelon Road, in a monument case, with brass cap mkd. MARICOPA COUNTY HIGHWAY DEPT. + . Records of Highway Dept. state that the 1941 cor. monument was found in 1963 and subsequently remonumented.</p> <p>From this same point the cor. of secs. 16, 17, 20, and 21, hereinafter described, bears S. $89^{\circ} 30' W.$, 81.42 chs. dist.</p> <p>From this same point a point established by Carl D. Weckerly, Arizona Registered Land Surveyor, in December 1975, bears S. $3^{\circ} 43' E.$, 0.926 chs. dist., monumented with an iron pipe, $1\frac{1}{2}$ in. diam., extending 5 ins. above ground, firmly set, with a steel fence post alongside. The plat by Weckerly indicates that this point was set "by Double Proportion", using the same control points used in this dependent resurvey. However, his plat shows no distances to the N. and E. The Weckerly monument was found to be grossly out of position and was not accepted for use in this dependent resurvey.</p>
<p>28.83</p>	<p>N. $1^{\circ} 45' W.$, bet. secs. 15 and 16.</p> <p>Over nearly level land, through cleared area.</p> <p>Point for the meander cor. of secs. 15 and 16, on the left bank of the Gila River, at proportionate dist.; there is no remaining evidence of the original cor. No permanent monument established.</p>
<p>33.80</p>	<p>Point for the meander cor. of secs. 15 and 16, on the right bank of the Gila River, at proportionate dist.; there is no remaining evidence of the original cor. No permanent monument established.</p>

Dependent Resurvey, Portion of Subdivisional Lines,
T. 5 S., R. 5 W., Gila and Salt River Mer., Arizona

CHAINS
39.77

Point for the $\frac{1}{4}$ sec. cor. of secs. 15 and 16, at proportionate dist.; there is no remaining evidence of the original cor.

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, and in a mound of stone, 2 ft. base, to top, with brass cap mkd.



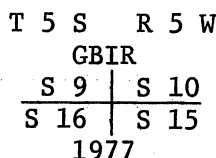
Over nearly level land, along E. side of a cleared field.

79.54

The cor. of secs. 9, 10, 15, and 16, locally monumented with an iron pipe, $1\frac{1}{2}$ in. diam., extending 18 ins. above ground, firmly set.

At the corner point

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.



Deposit local iron pipe alongside the iron post.

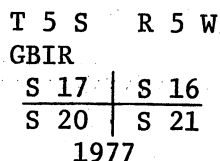
From this point the $\frac{1}{4}$ sec. cor. of secs. 10 and 15, bears N. $89^{\circ} 59'$ E., 39.60 chs. dist., monumented with an iron post, 1 in. diam., firmly set in a mound of stone, 5 ft. base, $2\frac{1}{2}$ ft. high, with brass cap mkd. as described in the official record of the 1941-43 resurvey, except that it is dated 1943 instead of 1942.

From this same point the cor. of secs. 3, 4, 9, and 19, bears N. $1^{\circ} 00'$ W., 80.62 chs. dist., monumented with an iron post, 2 ins. diam., firmly set, mkd. and witnessed as described in the official record of the 1941-43 resurvey by Ty White and Claude F. Warner. This control line was fully retraced and no evidence of the intervening cor. was found.

From the cor. of secs. 16, 17, 20, and 21, locally monumented with an iron pipe, $1\frac{1}{2}$ in. diam., extending 6 ins. above a block of concrete, 18 x 18 x 24 ins., firmly set. The concrete is (erroneously) inscribed 16 in NE., 21 in SE., 20 in SW., and 15 in NW. quadrants. This position is locally accepted and recognized as the cor. by adjacent landowners and area surveyors and is accepted as the best available evidence of the original cor. position.

At the corner point

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.



Dependent Resurvey, Portion of Subdivisional Lines,
T. 5 S., R. 5 W., Gila and Salt River Mer., Arizona

CHAINS		
	<p>Deposit local monument alongside the iron post.</p> <p>From this point the cor. of secs. 20, 21, 28, and 29, bears S. 0° 06' W., 79.22 chs. dist., locally monumented with an iron post, 3 ins. diam., the top 8 ins. below the paved surface of Watermelon Ave., in a monument case, with brass cap mkd. MARICOPA COUNTY HIGHWAY DEPT. + . This position is locally accepted and recognized as the cor. by adjacent landowners and area surveyors and is accepted as the best available evidence of the original cor. position.</p> <p>From this same point the ¼ sec. cor. of secs. 20 and 21, reestablished by Weckerly at proportionate dist. in 1975, bears S. 0° 06' W., 39.61 chs. dist.; monumented with a 1 in. diam., iron pipe, firmly set, and protruding 10 ins. above the ground. This position is locally accepted and recognized as the cor. by adjacent landowners and area surveyors and is accepted as the best available evidence of the original cor. position.</p> <p>N. 1° 08' W., bet. secs. 16 and 17.</p> <p>Over nearly level land.</p>	
0.20	Center of dirt road, 25 lks. wide, bears E. and W.	
0.37	Barbed wire fence, bears E. and W.	
0.65	Center of dirt road, 20 lks. wide, bears E. and W.	
0.85	Center of a concrete lined irrigation ditch, bears E. and W.; enter cultivated field.	
40.11	<p>Point for the ¼ sec. cor. of secs. 16 and 17, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>G T 5 S R 5 W</p> <p>B ¼</p> <p>I </p> <p>R S 17 S 16</p> <p> 1977</p> </div> <p>Set an iron pipe, 1 in. diam., 5 ft. long, alongside the iron post.</p> <p>The cor. is located in a field, 50 lks. E. of the center of a dirt road, 25 lks. wide, bears N. and S., along the top of a dike.</p> <p>Continue over nearly level land.</p>	
79.00	Top of a man-made dike, bears E. and W.	
80.22	<p>Point for the cor. of secs. 8, 9, 16, and 17, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p>	

Dependent Resurvey, Portion of Subdivisional Lines,
T. 5 S., R. 5 W., Gila and Salt River Mer., Arizona

CHAINS

G T 5 S R 5 W
B S 8 | S 9
I S 17 | S 16
R 1977

from which

An iron pipe, 1 in. diam., extending 4 ft. above ground, bears S. $75\frac{3}{4}^{\circ}$ W., 1.155 chs. dist., firmly set. There is no evidence that this iron pipe was ever used for or intended to be a monument for the section cor.

From this point the cor. of secs. 4 and 5 only, on the N. bdy. of the Tp., bears N. $0^{\circ} 01'$ W., 160.48 chs. dist., monumented with an iron post, 2 ins. diam., firmly set, mkd. and witnessed, as described in the official record of the 1949 resurvey by Ty White and Claude F. Warner. The brass cap is additionally mkd. to now read

T 4 S R 5 W
S 33
S 5 | S 4
T 5 S | R 5 W
GBIR
BLM 1977
1949

From this same point the cor. of secs. 7, 8, 17, and 18, bears S. $89^{\circ} 44'$ W., 80.38 chs. dist., hereinafter described.

These control lines were fully retraced, and no evidence of the intervening corners was found.

From the cor. of secs. 9, 10, 15, and 16.

S. $89^{\circ} 59'$ W., bet. secs. 9 and 16.

Over nearly level, cleared land.

40.28 Point for the $\frac{1}{4}$ sec. cor. of secs. 9 and 16, at proportionate dist.; there is no remaining evidence of the original cor.

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, and in a mound of stone, 2 ft. base, to top, with brass cap mkd.

T 5 S R 5 W
GBIR
 $\frac{1}{4}$ S 9
S 16
1977

Continue over nearly level, cleared land.

46.40 Point for the meander cor. of secs. 9 and 16, on the right bank of the Gila River, at proportionate dist.; there is no remaining evidence of the original cor.

No permanent monument established.

51.42 Point for the meander cor. of secs. 9 and 16, on the left bank of the Gila River, at proportionate dist.; there is no remaining evidence of the original cor.

Dependent Resurvey, Portion of Subdivisional Lines,
T. 5 S., R. 5 W., Gila and Salt River Mer., Arizona

CHAINS																
	No permanent monument established.															
80.56	The cor. of secs. 8, 9, 16, and 17.															
	From the cor. of secs. 16, 17, 20, and 21. S. 89° 39' W., bet. secs. 17 and 20. Over nearly level land.															
0.30	Fence cor., fences bear N. and W.; continue along fence, a dirt road, 25 lks. wide, and a power line, on the N. side of a cultivated field.															
40.38	Point for the ¼ sec. cor. of secs. 17 and 20, at proportionate dist.; there is no remaining evidence of the original cor. Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> <table border="0"> <tr><td>T 5 S</td><td>R 5 W</td></tr> <tr><td>GBIR</td><td></td></tr> <tr><td>¼ S 17</td><td></td></tr> <tr><td>S 20</td><td></td></tr> <tr><td>1977</td><td></td></tr> </table> </div>	T 5 S	R 5 W	GBIR		¼ S 17		S 20		1977						
T 5 S	R 5 W															
GBIR																
¼ S 17																
S 20																
1977																
	The cor. is located in a barbed wire fence which bears E. and W., 30 lks. N. of a gravelled farm road which bears E. and W., and 50 lks. N. of a power line which bears E. and W. Continue over nearly level land, along fence, road and power line.															
73.00	Farm road curves SW. from E.															
80.76	The cor. of secs. 17, 18, 19, and 20, locally monumented with an iron pipe, 1½ in. diam., the top flush in a concrete block, 12 ins. diam., firmly set flush with the ground. The concrete is inscribed SEC in NE., SEC in SE., SEC 19 in SW., and SEC in NW. quadrants. This position is locally recognized and accepted as the cor. by adjacent landowners and area surveyors, and is accepted as the best available evidence of the original cor. position. At the corner point Set an iron post, 28 ins. long, 2½ ins. diam., 28 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> <table border="0"> <tr><td></td><td></td><td>G</td></tr> <tr><td>T 5 S</td><td>R 5 W</td><td>B</td></tr> <tr><td>S 18</td><td>S 17</td><td>I</td></tr> <tr><td>S 19</td><td>S 20</td><td>R</td></tr> <tr><td>1977</td><td></td><td></td></tr> </table> </div>			G	T 5 S	R 5 W	B	S 18	S 17	I	S 19	S 20	R	1977		
		G														
T 5 S	R 5 W	B														
S 18	S 17	I														
S 19	S 20	R														
1977																
	from which A metal fence cor. post, for fences bearing N. and E., extending 4 ft. above ground, with braces extending N. and E., bears N. 45½° E., 63½ lks. dist., mkd. X. A power pole, 12 ins. diam., bears S. 38½° E., 60½ lks. dist., to head of a nail. This power pole is at the intersection of power lines extending N., E., and W.															

Dependent Resurvey, Portion of Subdivisional Lines,
T. 5 S., R. 5 W., Gila and Salt River Mer., Arizona

CHAINS

Cor. is located at extension of Citrus Valley Road from the S. and W., and dirt farm road from the E.

From this point the cor. of secs. 19, 20, 29, and 30, bears S. 0° 05' E., 79.21 chs. dist., locally monumented with a nail and metal flasher, set flush in the center of Watermelon Ave. bearing E. and W., from which a reinforcing rod, 5/8 in. diam., extending 4 ins. above ground, in a collar of stones, bears N. 0° 05' W., 107.1 lks. dist. This position is locally recognized and accepted as the cor. by adjacent landowners and area surveyors, and is accepted as the best available evidence of the original cor. position.

From this same point the cor. of secs. 13, 18, 19, and 24, on the W. bdy. of the Tp., bears N. 89° 35' W., 81.34 chs. dist., hereinbefore described.

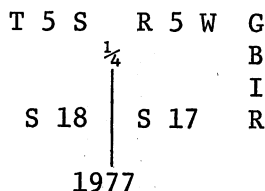
N. 0° 53' W., bet. secs. 17 and 18.

Over nearly level land, along E. side of dirt farm road, 25 lks. wide, which bears N. and along old barbed wire fence.

25.60 Farm road curves W. from S.

40.16 Point for the 1/4 sec. cor. of secs. 17 and 18, at proportionate dist.; there is no remaining evidence of the original cor.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.

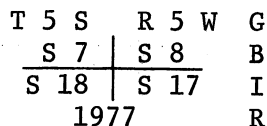


Set a wooden post, 6 x 8 ins., 8 ft. long, alongside the W. side of the iron post.

Continue over nearly level land, along an old barbed wire fence.

80.32 Point for the cor. of secs. 7, 8, 17, and 18, at proportionate dist.; there is no remaining evidence of the original cor.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.



Set a steel fence post, 5 ft. long, alongside the iron post.

From this point the cor. of secs. 5 and 6 only, on the N. bdy. of the Tp., bears N. 0° 05' E., 160.72 chs. dist., monumented with an iron post, 2 ins. diam., extending 8 ins. above ground, firmly set, with brass cap mkd. as described in the official record of the 1949 resurvey

Dependent Resurvey, Portion of Subdivisional Lines,
T. 5 S., R. 5 W., Gila and Salt River Mer., Arizona

CHAINS

by Ty White and Claude F. Warner. The brass cap is additionally mkd. to now read

T 4 S	R 5 W
S 32	
S 6	S 5
T 5 S	R 5 W
GBIR	
BLM 1977	
1949	

This control line was fully retraced, and no evidence of the intervening corners was found.

N. 89° 43' W., bet. secs. 7 and 18.

Over nearly level land, through cultivated fields, along old barbed wire fence.

40.19 Point for the ¼ sec. cor. of secs. 7 and 18, at proportionate dist.; there is no remaining evidence of the original cor.

Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.

T 5 S	R 5 W
GBIR	
¼ <u>S 7</u>	
S 18	
1977	

Continue over nearly level land, along barbed wire fence.

78.80 Man-made earthen dike, 30 lks. wide, bears N. and S.

79.88 The cor. of secs. 7, 12, 13, and 18, on the W. bdy. of the Tp.

GENERAL DESCRIPTION

The lands included in this resurvey are part of the Gila Bend Indian Reservation and are located from two to five miles north and northwest of the city of Gila Bend, Maricopa County, Arizona. The land in the valley area is a sandy loam, much of which is under irrigated cultivation. The elevations range from about 600 feet above sea level near the northwest corner of the township, up to about 1,900 feet above sea level in the Gila Mountains near the northeast corner of the township. The area is drained by the Gila River which flows westerly through the northern portion of the area resurveyed. The river was dry at the time of this survey and no definite channel was discernible in the wide flood plain of the river bottom lands. The Gila Mountains, an abrupt, rocky range, invade the northeastern part of the township.

Access is by way of both improved and unimproved local roads leading into the area from the city of Gila Bend and surrounding areas.

The areas not under cultivation are covered with a light to dense growth of typical desert vegetation, consisting of mesquite, paloverde, cactus, sagebrush, greasewood, and grasses.

Dependent Resurvey of Portions of T. 5 S., R. 5 W.,
Gila and Salt River Mer., Arizona

CHAINS

No mineral deposits were noted in the area resurveyed.

The mean of a considerable number of observations of the magnetic declination throughout the area is $13^{\circ} 00'$ E., with no noticeable change due to local attraction.

CERTIFICATE OF SURVEY

(I) ~~(We)~~, Harold W. Heimark, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of November, 1976, (I) ~~(We)~~ have dependently resurveyed a portion of the east and west boundaries, and a portion of the subdivisional lines of Township 5 South, Range 5 West,

of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by (me), ~~(us)~~ and under (my) ~~(our)~~ direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

June 29, 1978
(Date)

Harold W. Heimark
(Cadastral Surveyor) *

Under the Supervision of

July 10, 1978
(Date)

William M. Pratt
(Cadastral Surveyor)
Chief, Branch of Cadastral Surveys
Western Field Office

* At the date he signed the Certificate of Survey, he was a Surveying Technician.

BUREAU OF LAND MANAGEMENT
Washington, D.C.

The foregoing field notes of the dependent resurvey of a portion of the east and west boundaries, and a portion of the subdivisional lines of Township 5 South, Range 5 East, of the Gila and Salt River Meridian, Arizona,

executed by Harold W. Heimark, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

DEC 28 1978
(Date)

Bernard V. Zolner
(Chief, Division of Cadastral Survey)

CERTIFICATE OF TRANSCRIPT

~~I CERTIFY That the foregoing transcript of the field notes of the above described surveys in~~
~~, is a true copy of the original field notes.~~

~~(Date)~~

~~(Chief, Division of Cadastral Survey) GPO 849-626~~