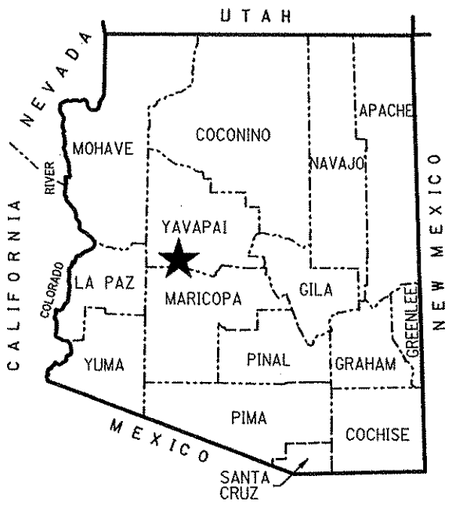
RESULTS OF SURVEY

WICKENBURG - KINGMAN HIGHWAY
JCT 89-TRES ALAMOS ROAD
093 YV 179 H4871 02R
U 093-B-703

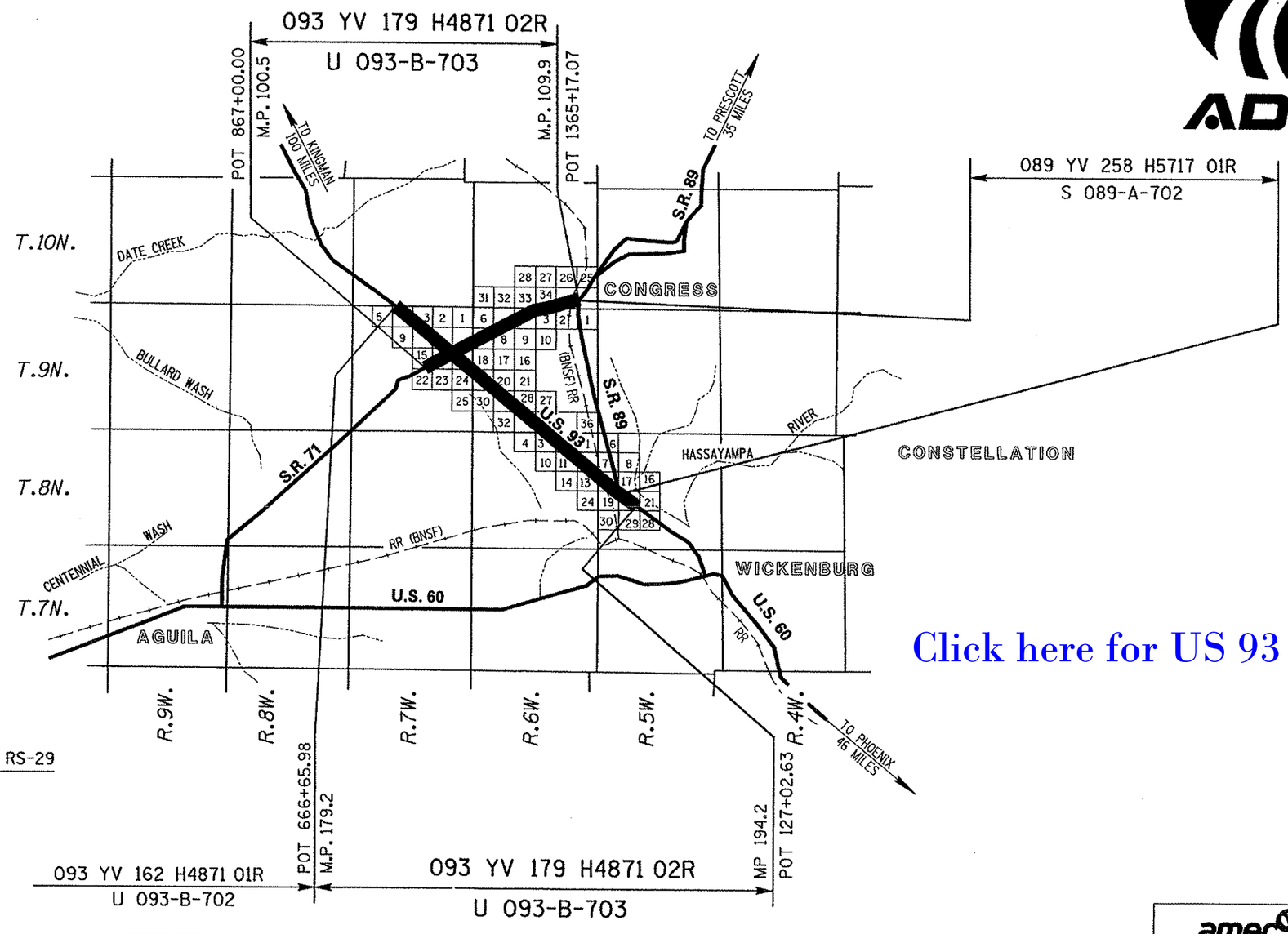
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

ADOT



★ PROJECT LOCATION

COUNTY NAME: YAVAPAI
LENGTH OF PROJECT: 29.0 MILES
ADOT DISTRICT: KINGMAN/PRESCOTT (K/P)
DRAWING NUMBER: D-13-T-477



N

SHEET INDEX

COVER SHEET	1
STANDARD ABBREVATION & SYMBOLS	S-1
RESULTS OF SURVEY	RS-1 TO RS-29
TOTAL SHEETS	31

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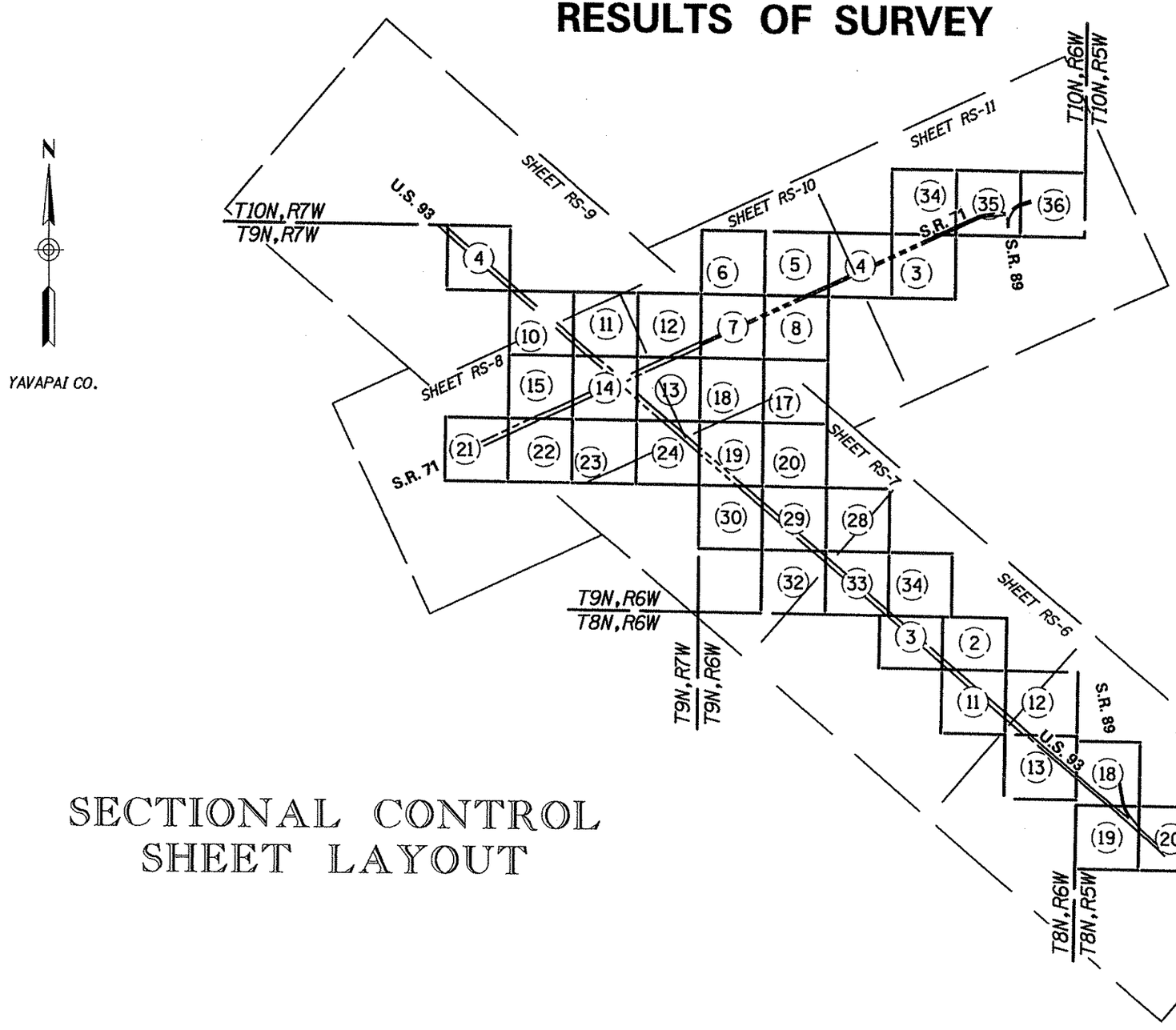
REGISTERED LAND SURVEYOR
40622
BRYAN L CAMPBELL
10-4-10
ARIZONA U.S.A.
EXPIRES: 03/31/2013

amec

RESULTS OF SURVEY



SECTIONAL CONTROL SHEET LAYOUT

Click here for US 93 Index

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CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-13-T-477
SURVEY	MARCH 2005
DRAWN/DATE	A. GRASS/12-05
ADOT REVIEW	K. RICHMOND

amec

ROUTE NO.: U.S. 93

LOCATION: JCT 89-Tres Alamos Rd.

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: WICKENBURG - KINGMAN

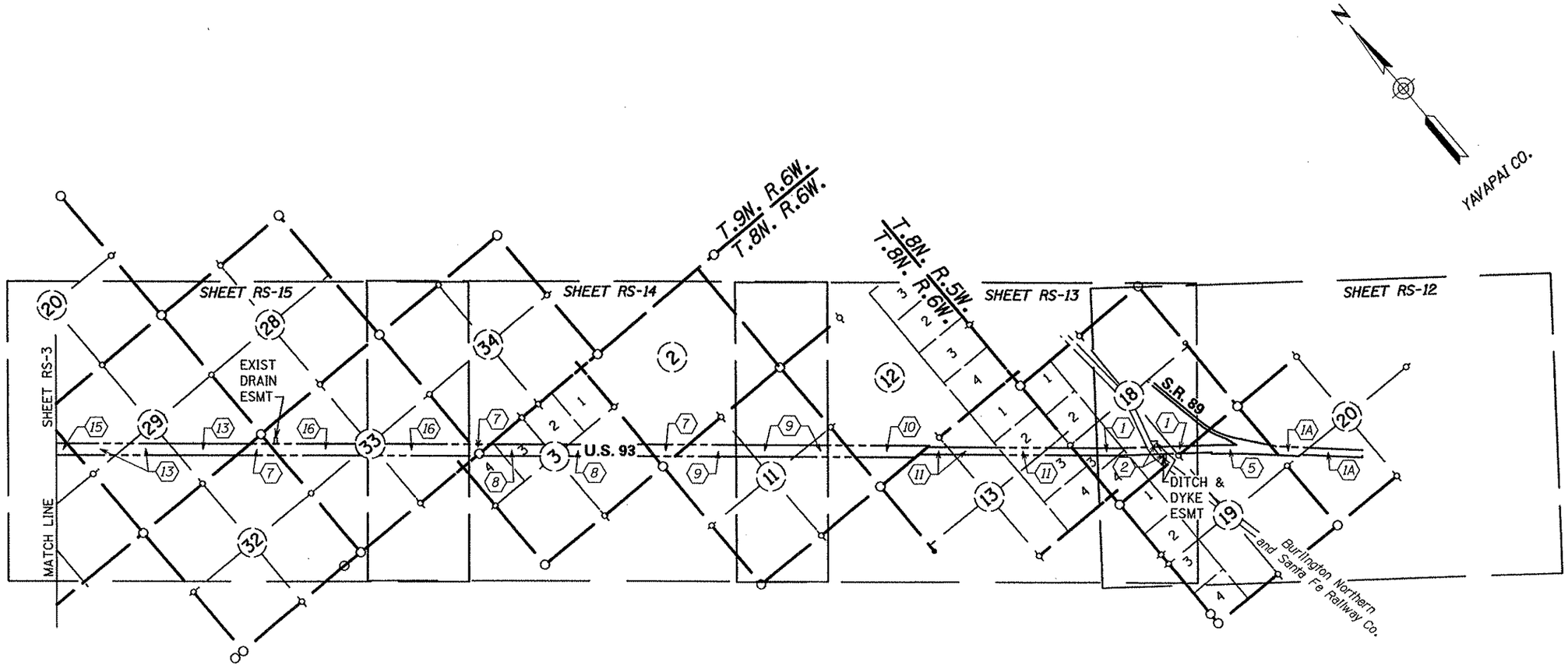
FEDERAL AID NO.: U-093-B-703

PROJECT NO.: 093 YV 179 H4871 02R

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
40622
BRYAN L. CAMPBELL
10-4-05
ARIZONA U.S.A.
EXPIRES: 03/31/2006

SHEET RS-1

RESULTS OF SURVEY



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INDEX TO EXISTING R/W

ID.	LOCATION	SEC.	T.	R.	ACQ. FROM	TYPE	BK./DKT.	PAGE	WIDTH	YEAR
1	PT LOT 3 & 4, SE4 SW4, SW4 SE4	18	8N	5W	ARIZONA TITLE INSURANCE & TRUST CO.	ESMT	277	510 - 512	250	1962
1A	PT SW4, NW4	20	8N	5W	ARIZONA TITLE INSURANCE & TRUST CO.	ESMT	277	510 - 512	VARIES	1962
2	PT SE4 SW4	18	8N	5W	ARIZONA TITLE INSURANCE & TRUST CO.	ESMT	277	508 - 509	VARIES	1962
5	PT NE4 NE4 NW4, NE4	19	8N	5W	ARIZONA TITLE INSURANCE & TRUST CO.	ESMT	277	510 - 512	VARIES	1962
7	PT SW4 SW4	2	8N	6W	STATE LAND DEPT	ESMT	R/W NO. 09-2965		400	1962
7	PT NE4 NE4	32	9N	6W	STATE LAND DEPT	ESMT	R/W NO. 09-2965		400	1962
7	PT SW4 SW4	34	9N	6W	STATE LAND DEPT	ESMT	R/W NO. 09-2965		VARIES	1962
8	PT LOT 2, 3, & 4, SE4	3	8N	6W	STATE LAND DEPT	ESMT	R/W NO. 09-2965		400	1962
9	PT N2, SE4	11	8N	6W	STATE LAND DEPT	ESMT	R/W NO. 09-2965		400	1962
10	PT SW4	12	8N	6W	STATE LAND DEPT	ESMT	R/W NO. 09-2965		400	1962
11	PT LOT 1, 2, 3, 4, W2 E2, W2	13	8N	6W	ARIZONA TITLE INSURANCE & TRUST CO.	ESMT	281	546	250	1963
13	PT NW4, N2 SW4, SE4	29	9N	6W	STATE LAND DEPT	ESMT	R/W NO. 09-2965		400	1962
15	PT NE4	30	9N	6W	STATE LAND DEPT	ESMT	R/W NO. 09-2965		400	1962
16	PT NW4, SE4, NE4 SW4, SW4 SW4 NE4	33	9N	6W	STATE LAND DEPT	ESMT	R/W NO. 09-2965		400	1962

0 1000 2000
Scale

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R/W CORRIDOR SHEET LAYOUT

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-13-T-477
SURVEY	MARCH 2005
DRAWN/DATE	A. GRASS/12-05
ADOT REVIEW	K. RICHMOND

amec

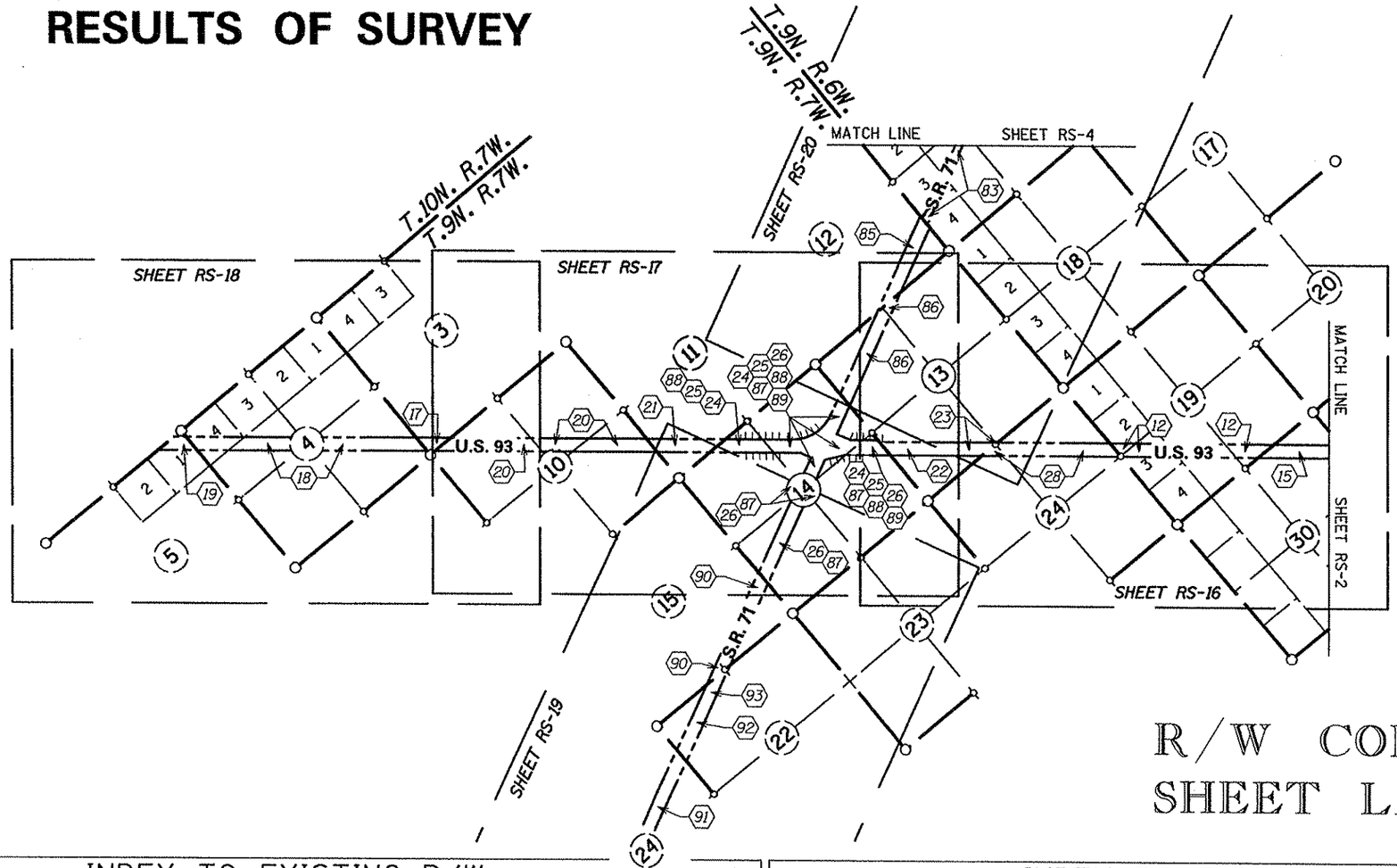
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

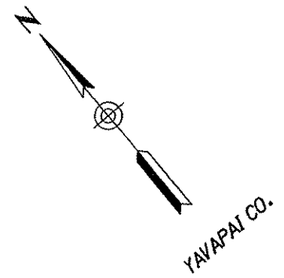
HIGHWAY NAME: WICKENBURG - KINGMAN
FEDERAL AID NO.: U-093-B-703
PROJECT NO.: 093 YV 179 H4871 02R
ROUTE NO.: U.S. 93
LOCATION: JCT 89-Tres Alamos Rd.

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
40622
BRYAN L. CAMPBELL
10-4-05
ARIZONA U.S.A.
EXPIRES: 03/31/2013

SHEET RS-2

RESULTS OF SURVEY





R/W CORRIDOR SHEET LAYOUT

INDEX TO EXISTING R/W

(*) ID.	LOCATION	SEC.	T.	R.	ACQ. FROM	TYPE	BK./DKT.	WIDTH	YEAR
12	PT LOT 2 & 3, E2 SW4, SW4 SE4	19	9N	6N	STATE LAND DEPT	ESMT	R/W NO. 09-2965	400	1962
15	PT NE4	30	9N	6N	STATE LAND DEPT	ESMT	R/W NO. 09-2965	400	1962
17	PT SW4 SW4	3	9N	7N	USA (BLM)	R/W	AZAR 007170	400	1954
18	PT SW4 NE4, S2 NW4, NE4 SW4, SE4, LOT 4	4	9N	7N	USA (BLM)	R/W	AZAR 007170	400	1954
19	PT LOT 1	5	9N	7N	USA (BLM)	R/W	AZAR 007170	400	1954
20	PT SE4 SE4, N2 SE4, SW4 NE4, SE4 NW4, N2 NW4	10	9N	7N	USA (BLM)	R/W	AZAR 007170	400	1954
21	PT S2 SW4	11	9N	7N	USA (BLM)	R/W	AZAR 007170	400	1954
22	PT W2 NW4 SW4	13	9N	7N	USA (BLM)	R/W	AZAR 031234	400	1963
23	PT W2 SW4, SE4 SW4, SW4 SW4 SE4	13	9N	7N	USA (BLM)	R/W	AZAR 031215	VARIES	1963
24	PT N2 NW4, NW4 NE4, S2 NE4, NE4 SE4	14	9N	7N	USA (BLM)	R/W	AZAR 007170	VARIES	1954
25	PT SW4 NW4 NE4, SW4 SE4 SW4 NE4, E2 SE4 NE4, E2 SW4 SE4 NE4, NE4 NW4, NE4 SE4	14	9N	7N	USA (BLM)	R/W	AZAR 031234	VARIES	1963

INDEX TO EXISTING R/W

(#) ID.	LOCATION	SEC.	T.	R.	ACQ. FROM	TYPE	BK./DKT.	WIDTH	YEAR
26	PT NE4, SE4 SE4 NW4, SW4, NW4 NW4 SE4	14	9N	7W	USA (BLM)	R/W	AZPHX 78479	VARIES	1938
28	PT SEC 24	24	9N	7W	USA (BLM)	R/W	AZAR 031234	400	1963
83	PT S2 NE4, NW4 SE4, SW4	7	9N	6W	STATE LAND DEPT	ESMT	R/W NO.09-343	200	1936
85	PT S2 SE4	12	9N	7W	USA (BLM)	R/W	AZPHX 78479	400	1938
86	PT NW4, NW4 NE4	13	9N	7W	USA (BLM)	R/W	AZPHX 78479	VARIES	1938
87	PT NE4, SE4 SE4 NW4, SW4, NW4 NW4 SE4	14	9N	7W	USA (BLM)	R/W	AZPHX 78479	VARIES	1938
88	PT N2 NW4, NW4 NE4, S2 NE4, NE4 SE4	14	9N	7W	USA (BLM)	R/W	AZAR 007170	VARIES	1954
89	PT NE4 SE4, NE4	14	9N	7W	USA (BLM)	R/W	AZAR 031214	VARIES	1962
90	PT SE4, SE4 SE4 SW4	15	9N	7W	USA (BLM)	R/W	AZPHX 78479	400	1938
91	PT NE4, SE4 NW4, SW4	21	9N	7W	USA (BLM)	R/W	AZPHX 78479	400	1938
92	PT NW4, NW4 NW4 NE4	22	9N	7W	USA (BLM)	R/W	AZPHX 78479	400	1938
93	PT NE4 NW4	22	9N	7W	USA (BLM)	R/W	R/W NO. 09235	400	1955

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Scale

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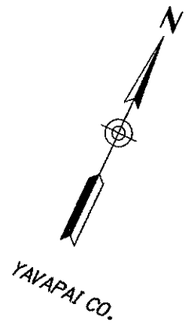
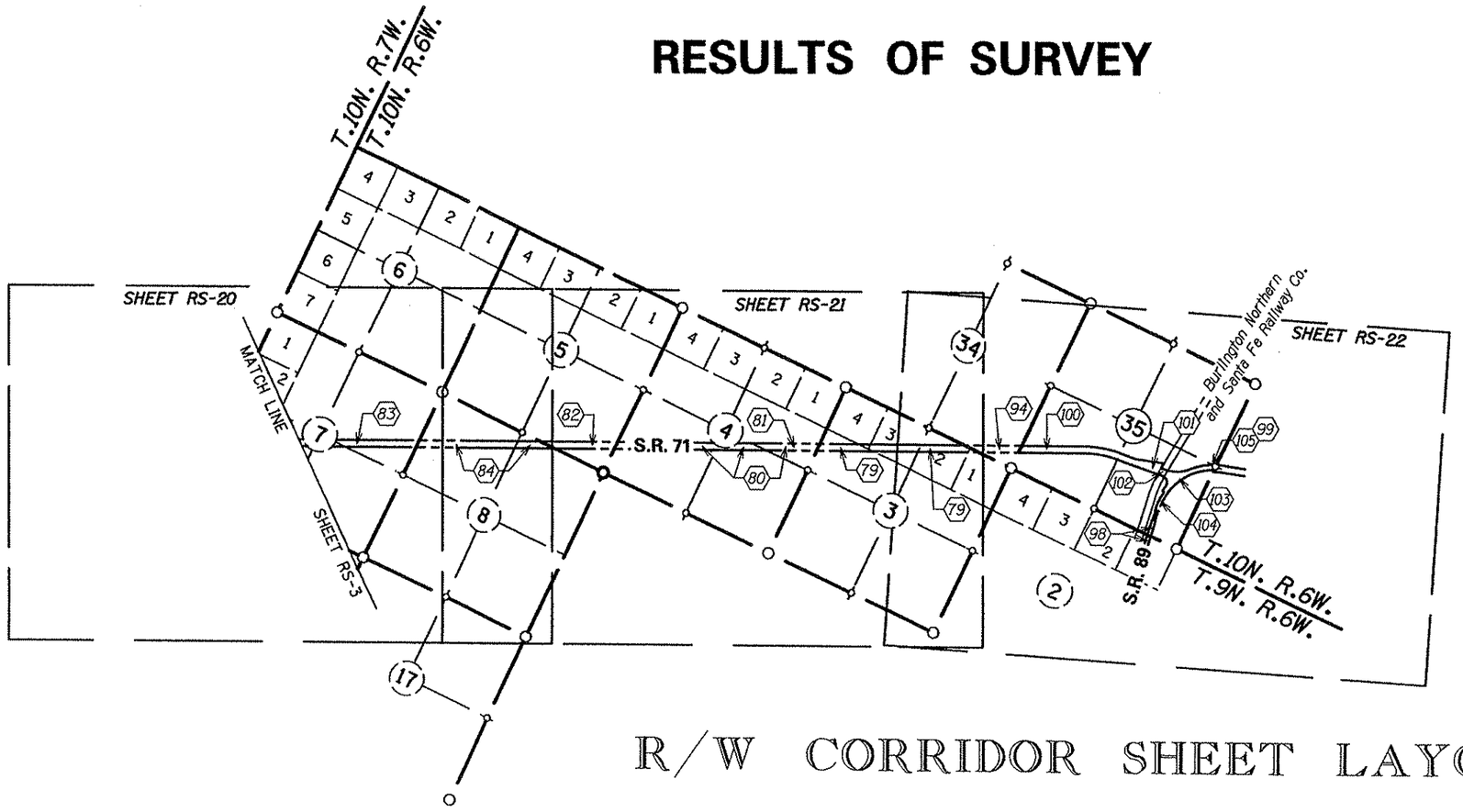
CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-13-T-477	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION	
SURVEY	MARCH 2005		
DRAWN/DATE	A. GRASS/12-05	HIGHWAY NAME: WICKENBURG - KINGMAN	
ADOT REVIEW	K. RICHMOND	FEDERAL AID NO.: U-093-B-703	
amec		PROJECT NO.: 093 YV 179 H4871 02R	
ROUTE NO.: U.S. 93	LOCATION: JCT 89-Tres Alamos Rd.	SHEET RS-3	

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
40622
BRYAN L. CAMPBELL
10-4-10
ARIZONA U.S.A.
EXPIRES: 03/31/2013

RESULTS OF SURVEY





R/W CORRIDOR SHEET LAYOUT

INDEX TO EXISTING R/W

ID.	LOCATION	SEC.	T.	R.	ACQ. FROM	TYPE	BK./DKT.	PAGE	WIDTH	YEAR
79	PT NW4, N2 NE4	3	9N	6W	STATE LAND DEPT	ESMT	R/W NO.09-343		200	1936
80	PT S2, NE4	4	9N	6W	STATE LAND DEPT	ESMT	R/W NO.09-343		200	1936
81	PT SE4 NE4	4	9N	6W	STATE LAND DEPT	ESMT	R/W NO.09-939		50	1952
82	PT S2 SE4	5	9N	6W	STATE LAND DEPT	ESMT	R/W NO.09-343		200	1936
83	PT S2 NE4, NW4 SE4, SW4	7	9N	6W	STATE LAND DEPT	ESMT	R/W NO.09-343		200	1936
84	PT NW4 NE4, NW4	8	9N	6W	STATE LAND DEPT	ESMT	R/W NO.09-343		200	1936
94	PT S2 SE4	34	10N	6W	STATE LAND DEPT	ESMT	R/W NO. 09-343		200	1936
98	PT SW4 SE4 SE4	35	10N	6W	CALIFORNIA, ARIZONA & SANTA FE RAILWAY CO.	ESMT			VARIES	1932
98	PT LOT 1	2	9N	6W	CALIFORNIA, ARIZONA & SANTA FE RAILWAY CO.	ESMT			VARIES	1932
99	PT S2 SE4 SE4 SE4 NE4	35	10N	6W	CLARENCE R. WALLACE ET UX	WD	520	580	VARIES	1968
100	PT SW4	35	10N	6W	OSCAR T. DECK ET UX	ESMT	195	168	VARIES	1951
101	PT NW4 SE4	35	10N	6W	SARAH MONTE HERSHKOWITZ	ESMT	195	167	VARIES	1951
102	PT N2 SE4	35	10N	6W	CALIFORNIA, ARIZONA & SANTA FE RAILWAY CO.	ESMT	196	123	VARIES	1951
103	PT NE4 SE4	35	10N	6W	BULLARD ESTATE BY CHARLES O. MATHEWS	ESMT	195	362	VARIES	1951
104	PT E2 SE4	35	10N	6W	R.W. BULLARD	ESMT	158	49	VARIES	1932
105	PT NE4	35	10N	6W	USA (BLM)	R/W	AZPHX 78479		VARIES	1938

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CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-13-T-477
SURVEY	MARCH 2005
DRAWN/DATE	A. GRASS/12-05
ADOT REVIEW	K. RICHMOND
amec	

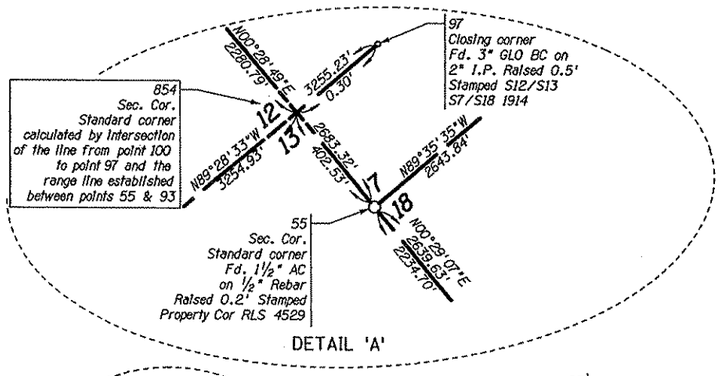
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

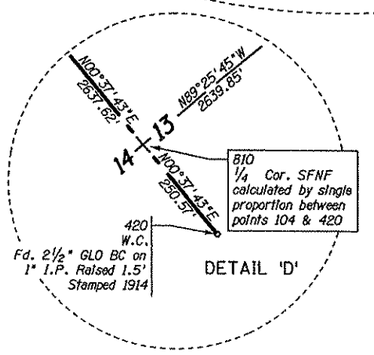
HIGHWAY NAME: WICKENBURG - KINGMAN
FEDERAL AID NO.: U-093-B-703
PROJECT NO.: 093 YV 179 H4871 02R
ROUTE NO.: U.S. 93
LOCATION: JCT 89-Tres Alamos Rd.

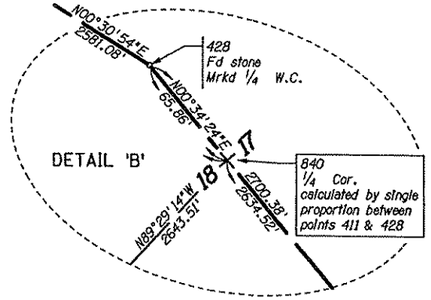
REGISTERED LAND SURVEYOR
CERTIFICATE NO.
40622
BRYAN L. CAMPBELL
10-4-06
ARIZONA U.S.A.
EXPIRES: 03/31/2007

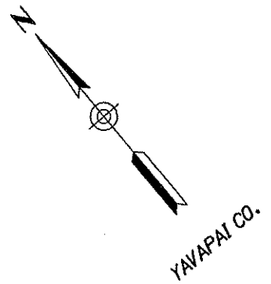
SHEET RS-4

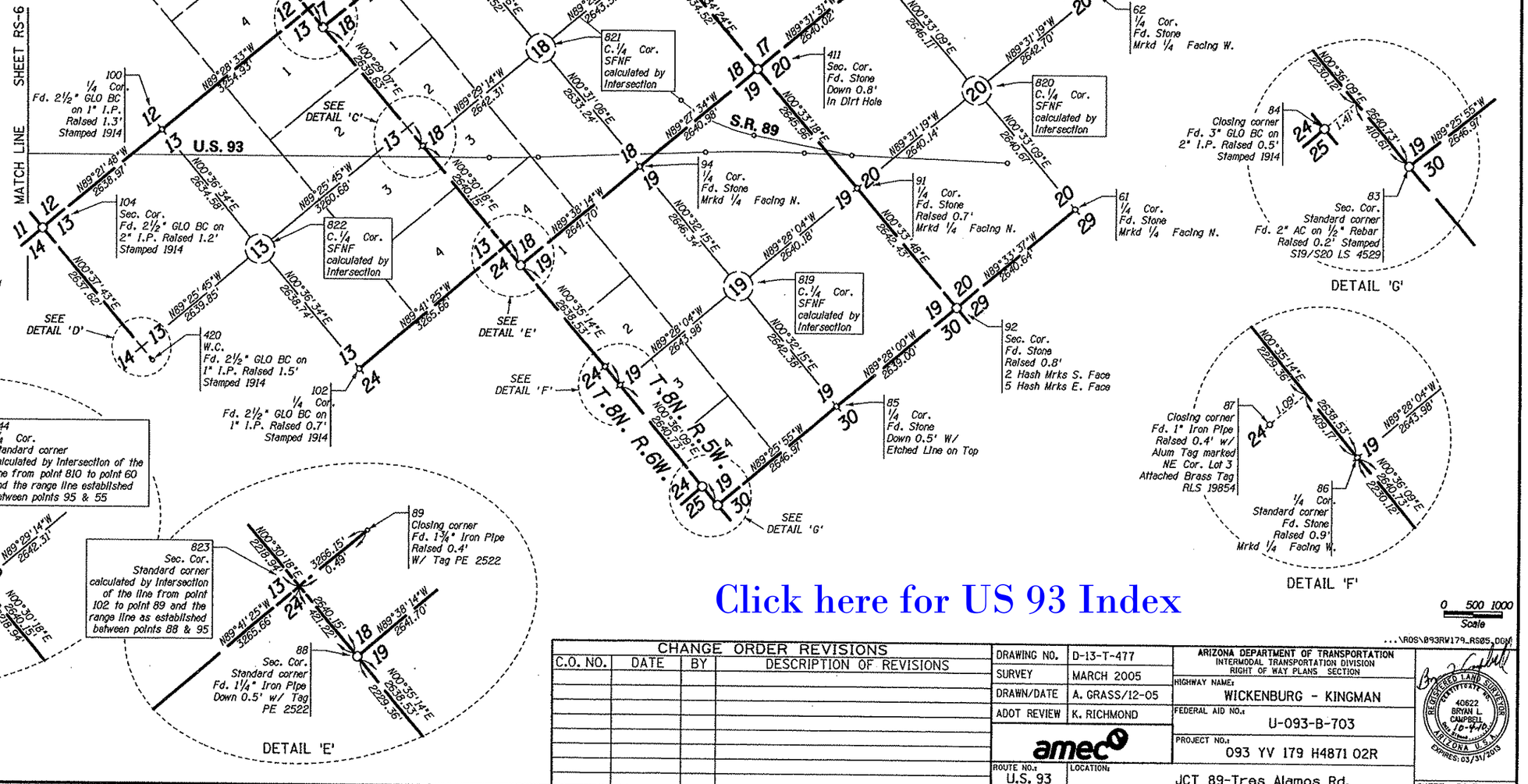
RESULTS OF SURVEY











LEGEND

302 Set Monument
300 Found Monument
SFNF Searched for not found
301 Calculated position

Click here for US 93 Index

0 500 1000
Scale

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CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-13-T-477
SURVEY	MARCH 2005
DRAWN/DATE	A. GRASS/12-05
ADOT REVIEW	K. RICHMOND
amec	
ROUTE NO.:	U.S. 93
LOCATION:	JCT 89-Tres Alamos Rd.

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: WICKENBURG - KINGMAN
FEDERAL AID NO.: U-093-B-703
PROJECT NO.: 093 YV 179 H4871 02R

REGISTERED LAND SURVEYOR
40622
BRYAN L. CAMPBELL
10-4-16
ARIZONA U.S.A.
EXPIRES: 03/31/2015

SHEET RS-5

RESULTS OF SURVEY

393 Sec. Cor. Fd. Stone Raised 0.3' W/ 3 Hash Mrks on E. Face

828 1/4 Cor. SFNF calculated by single proportion between points 919 & 393

435 Sec. Cor. Fd. Stone Raised 0.6' W/ "+" on S. Face

436 1/4 Cor. Fd. 2½" Iron Pipe Raised 1.5' W/ No Mrks Attached Brass Tag RLS 19854

927 1/4 Cor. SFNF Set 2" AC on ½" rebar Stamped S.C. 1/4 S34 RLS 19854 calculated by secant method using points 46 & 433

DETAIL 'C'

812 1/4 Cor. SFNF Set 2" AC on ½" rebar Stamped S.C. 1/4 S3 RLS 19854 calculated by single proportion along standard parallel using points 813 & 814

DETAIL 'E'

110 Closing Corner Fd. 2½" GLO BC on 2" I.P. Raised 1.0' Stamped 1914

814 Sec. Cor. SFNF calculated by Intersection at the standard parallel

DETAIL 'B'

433 Sec. Cor. Standard corner Fd. 3½" BLM BC on 3" I.P. Raised 0.9'

830 1/4 Cor. SFNF Standard corner calculated by secant method using points 46 & 433

829 C. 1/4 Cor. SFNF calculated by Intersection

919 Sec. Cor. SFNF Set 2" AC on ½" rebar Stamped S28/S27/S33/S34 RLS 19854 calculated by double proportion between points 901, 393, 47 & 436

865 C. 1/4 Cor. SFNF calculated by Intersection

434 1/4 Cor. Fd. Stone Raised 0.6' W/ No Mrks

902 Sec. Cor. SFNF Set 2" AC on ½" rebar Stamped S.C. S34/S35 RLS 19854 calculated by secant method using points 46 & 433

SEE DETAIL 'B'

T.9N. R.6W.

T.8N. R.6W.

109 1/4 Cor. Fd. 2½" GLO BC on 1" I.P. Raised 1.4' Stamped 1914

99 Sec. Cor. Fd. 2½" GLO BC on 2" I.P. Raised 1.0' Stamped 1914

98 1/4 Cor. Fd 2½" GLO BC on 1" I.P. Raised 1.2' Stamped 1914

47 1/4 Cor. Fd. Stone Raised 0.4' W/ No Hash Mrks

920 1/4 Cor. SFNF Set 2" AC on ½" rebar Stamped 1/4 S33/S34 RLS 19854 calculated by single proportion between points 919 & 901

SEE DETAIL 'E'

SEE DETAIL 'C'

811 1/4 Cor. SFNF Set 2½" AC on ½" rebar Stamped 1/4 S2/S11 RLS 19854 calculated by single proportion using points 108 & 99

931 Sec. Cor. SFNF Set 2" AC on ½" rebar Stamped S29/S28/S32/S33 RLS 19854 calculated by record Information & geometry using points 35 & 33 see Detail & Narrative Sheet (RS-29)

836 C. 1/4 Cor. SFNF calculated by Intersection

901 Sec. Cor. SFNF Set 2" AC on ½" rebar Stamped S.C. S33/S34 RLS 19854 calculated by secant method using points 46 & 433

U.S. 93

824 C. 1/4 Cor. SFNF calculated by Intersection

MATCH LINE SHEET RS-5

SHEET RS-7

MATCH LINE

924 1/4 Cor. SFNF Set 2½" AC on ½" rebar Stamped 1/4 S32/S33 RLS 19854 calculated by single proportion between points 931 & 46

925 1/4 Cor. SFNF Set 2½" AC on ½" rebar Stamped S.C. 1/4 S33 RLS 19854 calculated by secant method using points 46 & 433

SEE DETAIL 'A'

369 1/4 Cor. Fd. 2½" GLO BC on 1" I.P. Raised 0.9' Stamped S4/S3 1914

106 1/4 Cor. Fd. 2½" GLO BC on 1" I.P. Raised 1.5' Stamped 1914

108 Sec. Cor. Fd. 2½" GLO BC on 2" I.P. Raised 0.7' Stamped 1914

101 1/4 Cor. Fd. 2½" GLO BC on 1" I.P. Raised 1.3' Stamped 1914

845 C. 1/4 Cor. SFNF calculated by Intersection

104 Sec. Cor. Fd. 2½" GLO BC on 2" I.P. Raised 1.2' Stamped 1914

SEE DETAIL 'D'

46 1/4 Cor. Standard corner Fd. Stone Raised 0.7' W/ No Hash Mrks

930 1/4 Cor. SFNF Set 2" AC on ½" rebar Stamped 1/4 S11/S14 RLS 19854 calculated by single proportion between points 414 & 104

105 1/4 Cor. Fd. 2½" GLO BC on 1" I.P. Raised 1.5' Stamped 1914

107 Sec. Cor. Fd. 2½" GLO BC on 2" I.P. Raised 0.8' Stamped 1914

414 Sec. Cor. Fd. 2½" GLO BC on 2" I.P. Raised 1.5' Stamped 1914

370 1/4 Cor. Closing corner Fd. 2½" GLO BC on 2" I.P. Raised 1.0' Stamped 1914

DETAIL 'D'

SEE DETAIL 'F'

373 1/4 Cor. Standard corner Fd. Stone marked SC 1/4 Face Down

5014

DETAIL 'F'

112 Closing corner Fd. 2½" GLO BC on 2" I.P. Raised 0.4' Stamped 1914

813 Sec. Cor. SFNF calculated by Intersection at the standard parallel

DETAIL 'A'

YAVAPAI CO.

LEGEND

302 Set Monument

300 Found Monument

301 Calculated position

SFNF Searched for not found

Click here for US 93 Index

0 500 1000 Scale

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CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-13-T-477
SURVEY	MARCH 2005
DRAWN/DATE	A. GRASS/12-05
ADOT REVIEW	K. RICHMOND
amec	
ROUTE NO.: U.S. 93	LOCATION: JCT 89-Tres Alamos Rd.

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: WICKENBURG - KINGMAN

FEDERAL AID NO.: U-093-B-703

PROJECT NO.: 093 YV 179 H4871 02R

REGISTERED LAND SURVEYOR — 40622 BRIAN L. CAMPBELL — 10-4-10 — ARIZONA U.S.A. — EXPIRES: 03/31/2003

SHEET RS-6

RESULTS OF SURVEY

914
1/4 Cor. SFNF
Set 2" AC on 1/2" rebar
Stamped 1/4 S17/S16
RLS 19854 calculated by
single proportion between
points 904 & 424

904
Sec. Cor.
Fd Stone W/ 4 Hash
Mrks E. Face & 3
Hash Mrks on S. Face

DETAIL 'C'

YAVAPAI CO.

LEGEND

302 Set Monument
300 Found Monument
SFNF Searched for not found
301 Calculated position

801
C. 1/4 Cor.
SFNF
calculated by
Intersection

913
1/4 Cor. SFNF
Set 2" AC on 1/2" rebar
Stamped 1/4 S18/S17
RLS 19854 calculated by
single proportion between
points 908 & 387

908
Sec. Cor. SFNF
Set 2" AC on 1/2" rebar
Stamped S18/S17/S19/S20
RLS 19854 calculated by
double proportion between
points 374, 904, 387 & 33

MATCH LINE
SHEET RS-10

910
1/4 Cor. SFNF
Set 2" AC on 1/2" rebar
Stamped 1/4 S18/S19
RLS 19854 calculated by
single proportion between
points 908 & 374

912
1/4 Cor. SFNF
Set 2" AC on 1/2" rebar
Stamped 1/4 S19/S20
RLS 19854 calculated
by single proportion
between points
908 & 33

374
Sec. Cor.
Standard corner
Fd. Stone
Raised 0.3' W/
3 Hash Mrks on S. Face

850
C. 1/4 Cor.
SFNF
calculated by
Intersection

33
Sec. Cor.
Fd. Stone @ Fence Line
Raised 1.0' W/ 2 Hash
Mrks on S. Face

T.9N. R.6W.
T.9N. R.7W.

34
1/4 Cor.
Fd. Stone @ Fence
Line Raised 0.5'W/
No Hash Mrks

MATCH LINE
SHEET RS-8

838
C. 1/4 Cor.
SFNF
calculated by
Intersection

49
1/4 Cor.
Standard corner
Fd. Stone
Raised 0.8'
Mrkd 1/4
Facing S.

51
1/4 Cor.
Fd. 2 1/2" GLO BC on
1" I.P. Raised 1.7'
Stamped 1933

36
1/4 Cor.
Fd. 2 1/2" GLO BC on
1" I.P. Raised 1.3'
Stamped S24/S25 1933

35
Sec. Cor.
Standard corner
Fd. Stone laying
on side @ Fence Line
Raised 0.5'
W/ 4 Hash
Mrks on S. Face

833
1/4 Cor. SFNF
calculated by
single proportion
between points
35 & 437

437
Sec. Cor.
Standard corner
Fd. Stone W/
6 Hash Mrks

45
1/4 Cor.
Standard corner
Fd. Stone
Raised 0.8' W/
Faded Notch on
W. Face

TIE ONLY
N89°28'22"W
712.94'

44
1/4 Cor.
Closing Corner
Fd. 2 1/2" GLO BC on
1" I.P. Raised 1.1'
Stamped S6/S5 1914

DETAIL 'A'

SEE DETAIL 'C'

802
C. 1/4 Cor.
SFNF
calculated by
Intersection

911
1/4 Cor. SFNF
Set 2" AC on 1/2" rebar
Stamped 1/4 S17/S20
RLS 19854 calculated
by single proportion
between points
908 & 904

905
Sec. Cor. SFNF
Set 2 1/2" AC on 1/2" rebar
Stamped S20/S21/S29/S28
RLS 19854 calculated
by double proportion
between points 931,
904, 33 & 393

906
1/4 Cor. SFNF
Set 2 1/2" AC on 1/2" rebar
Stamped 1/4 S20/S29
RLS 19854 calculated
by single proportion
between points
33 & 905

926
1/4 Cor. SFNF
Set 2" AC on 1/2" rebar
Stamped 1/4 S30/S29
RLS 19854 calculated
by single proportion
between points
928 & 33

866
C. 1/4 Cor.
SFNF
calculated by
Intersection

834
C. 1/4 Cor.
SFNF
calculated by
Intersection

SEE DETAIL 'B'

860
1/4 Cor. SFNF
calculated by
single proportion
between points
928 & 437

868
1/4 Cor. SFNF
Set 2 1/2" AC on 1/2" rebar
Stamped 1/4 S20/S21
RLS 19854 calculated
by single proportion
between points
905 & 904

907
1/4 Cor. SFNF
Set 2 1/2" AC on 1/2" rebar
Stamped 1/4 S29/S28
RLS 19854 calculated
by single proportion
between points
905 & 931

929
1/4 Cor. SFNF
Set 2" AC on 1/2" rebar
Stamped 1/4 S29/S32
RLS 19854 calculated
by single proportion
between points
928 & 931

U.S. 93

393
Sec. Cor.
Fd. Stone
Raised 0.3' W/
3 Hash Mrks on E. Face

867
1/4 Cor. SFNF
Set 2 1/2" AC on 1/2" rebar
Stamped 1/4 S21/S28
RLS 19854 calculated
by single proportion
between points
905 & 393

829
C. 1/4 Cor.
SFNF
calculated by
Intersection

47
1/4 Cor.
Fd. Stone
Raised 0.4' W/
No Hash Mrks

SHEET RS-9

928
Sec. Cor. SFNF
Set 2" AC on 1/2" rebar
Stamped S30/S29/S31/S32
RLS 19854 calculated by
record information &
geometry using points
35 & 33 see Detail &
Narrative Sheet (RS-29)

DETAIL 'B'

931
Sec. Cor. SFNF
Set 2" AC on 1/2" rebar
Stamped S29/S28/S32/S33
RLS 19854 calculated by
record information & geometry
using points 35 & 33 see Detail
& Narrative Sheet (RS-29)

924
1/4 Cor. SFNF
Set 2 1/2" AC on 1/2" rebar
Stamped 1/4 S32/S33
RLS 19854 calculate by
single proportion between
points 931 & 46

835
C. 1/4 Cor.
SFNF
calculated by
Intersection

MATCH LINE

372
1/4 Cor.
Fd. Stone
Mrkd 1/4 Facing W.

373
1/4 Cor.
Standard corner
Fd. Stone marked
SC 1/4 Face Down

N89°24'01"E
0.17'

5014

DETAIL 'D'

SEE DETAIL 'D'

SEE DETAIL 'A'

T.8N. R.6W.

0 500 1000
Scale

...\ROS\893RW179_RS07.DGN

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-13-T-477
SURVEY	MARCH 2005
DRAWN/DATE	A. GRASS/12-05
ADOT REVIEW	K. RICHMOND
amec	
ROUTE NO.: U.S. 93	LOCATION: JCT 89-Tres Alamos Rd.

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

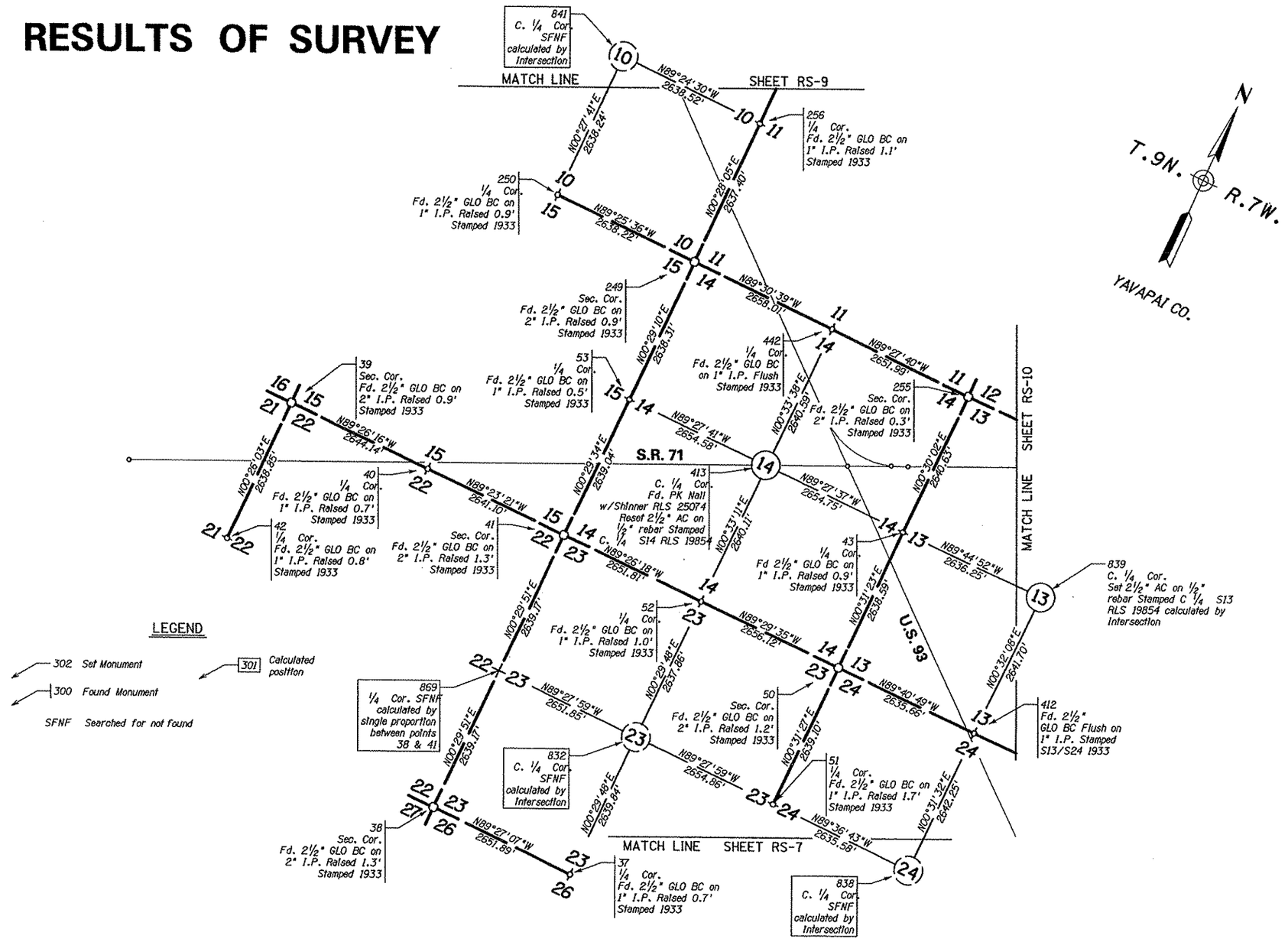
HIGHWAY NAME: WICKENBURG - KINGMAN
FEDERAL AID NO.: U-093-B-703
PROJECT NO.: 093 YV 179 H4871 02R

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
40622
BRYAN L.
CAMPBELL
10-4-05
ARIZONA U.S.A.
EXPIRES: 03/31/2006

SHEET RS-7

Click here for US 93 Index

RESULTS OF SURVEY



LEGEND

302 Set Monument

300 Found Monument

SFNF Searched for not found

301 Calculated position

Click here for US 93 Index

0 500 1000
Scale

...\ROS\093RW179_RS08.DGN

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-13-T-477
SURVEY	MARCH 2005
DRAWN/DATE	A. GRASS/12-05
ADOT REVIEW	K. RICHMOND
amec	
ROUTE NO.: U.S. 93	LOCATION: JCT 89-Tres Alamos Rd.

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: WICKENBURG - KINGMAN

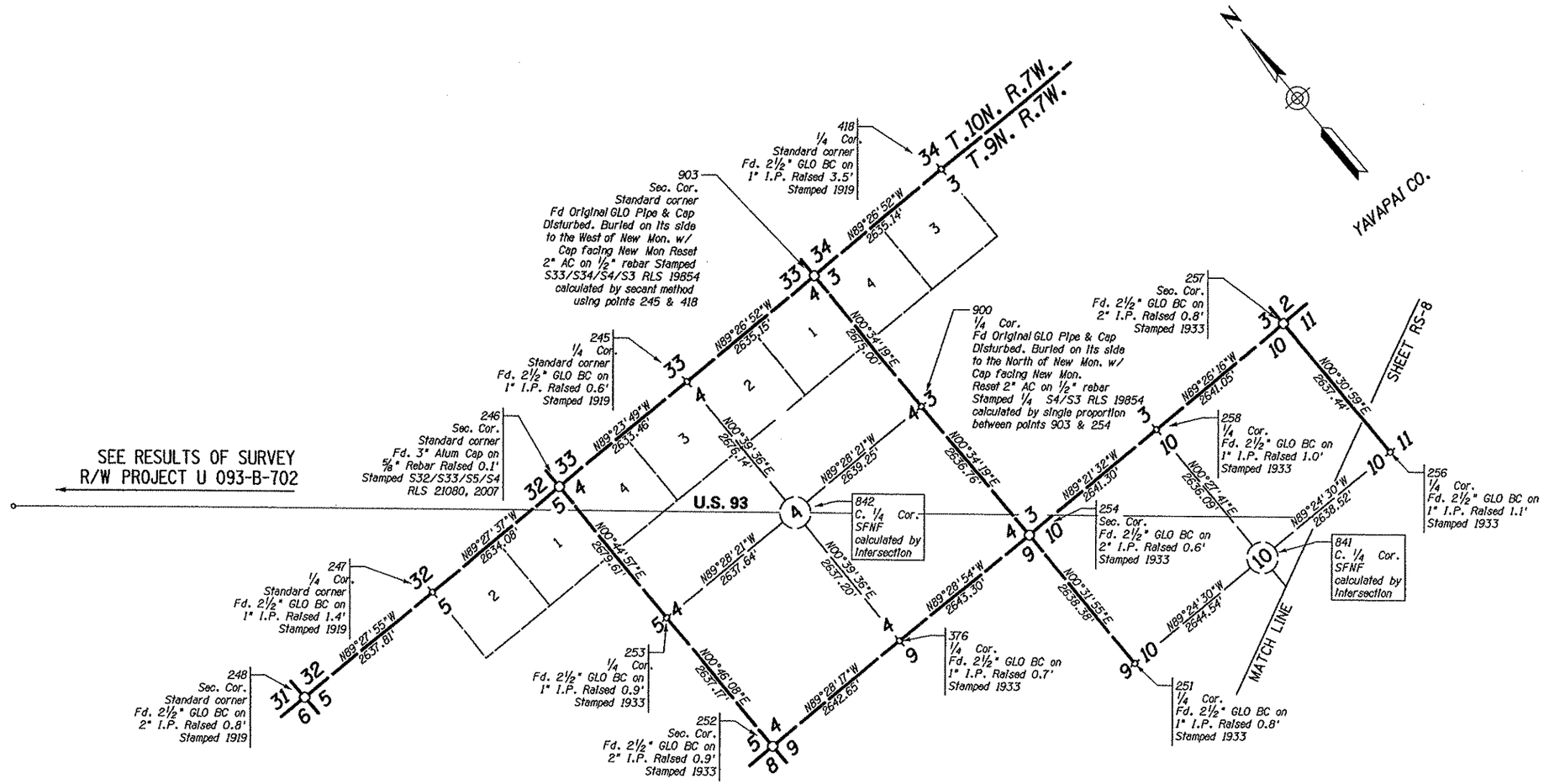
FEDERAL AID NO.: U-093-B-703

PROJECT NO.: 093 YV 179 H4871 02R

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
40622
BRYAN L.
CAMPBELL
10-4-10
ARIZONA U.S.A.
EXPIRES: 03/31/2010

SHEET RS-8

RESULTS OF SURVEY



LEGEND

302 Set Monument
300 Found Monument
301 Calculated position
SFNF Searched for not found

Click here for US 93 Index

0 500 1000
Scale

...\ROS\093RW179_RS09.DGN

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-13-T-477
SURVEY	MARCH 2005
DRAWN/DATE	A. GRASS/12-05
ADOT REVIEW	K. RICHMOND
amec	
ROUTE NO.:	U.S. 93
LOCATION:	JCT 89-Tres Alamos Rd.

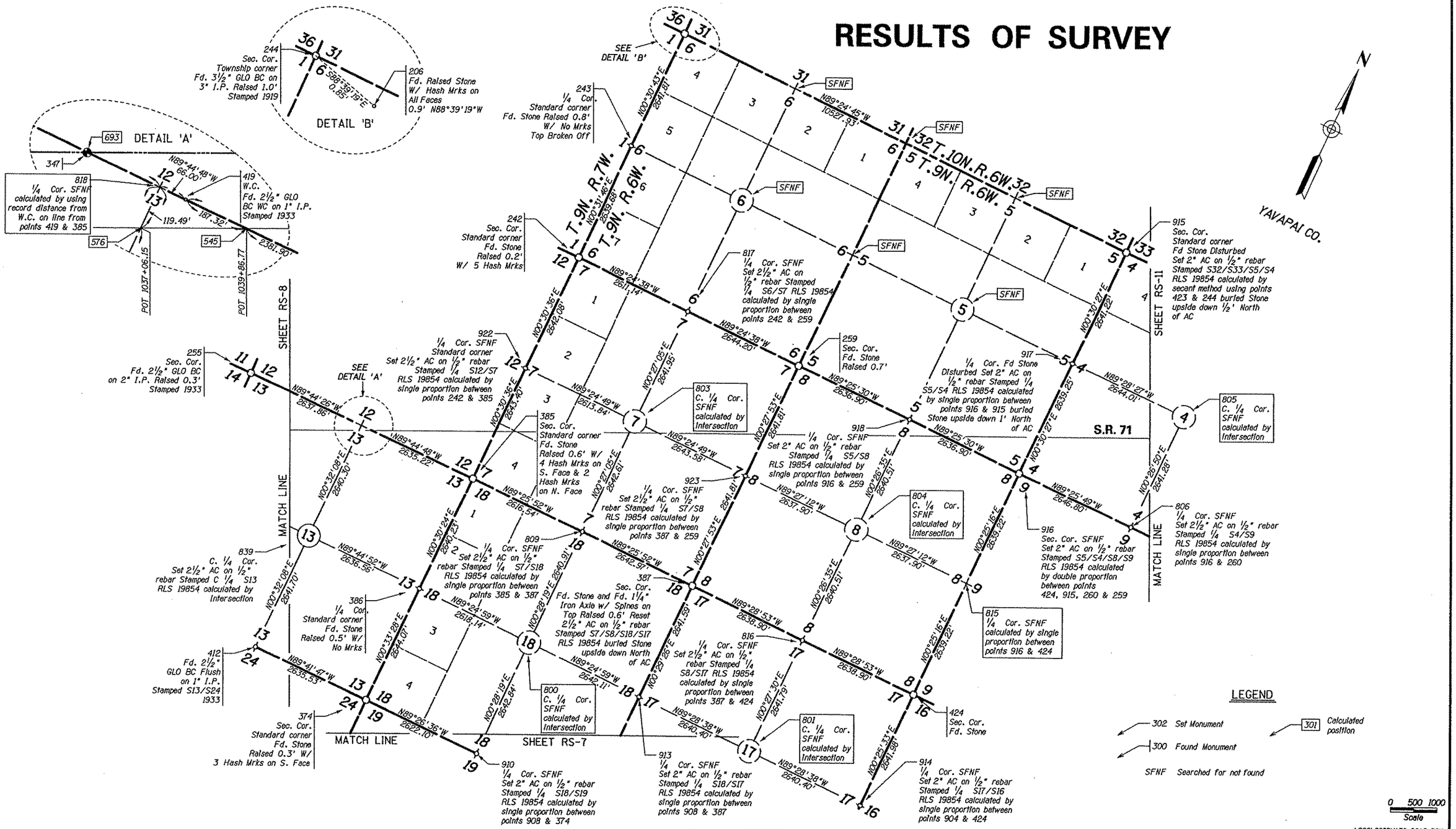
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: WICKENBURG - KINGMAN
FEDERAL AID NO.: U-093-B-703
PROJECT NO.: 093 YV 179 H4871 02R

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
40622
BRYAN L. CAMPBELL
10-4-10
ARIZONA U.S.A.
EXPIRES: 03/31/2012

SHEET RS-9

RESULTS OF SURVEY



LEGEND

302 Set Monument
300 Found Monument
301 Calculated position
SFNF Searched for not found

0 500 1000
Scale

...\ROS\093RW179_RS10.DGN

Click here for US 93 Index

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-13-T-477
SURVEY	MARCH 2005
DRAWN/DATE	A. GRASS/12-05
ADOT REVIEW	K. RICHMOND
amec	
ROUTE NO.: U.S. 93	LOCATION: JCT 89-Tres Alamos Rd.

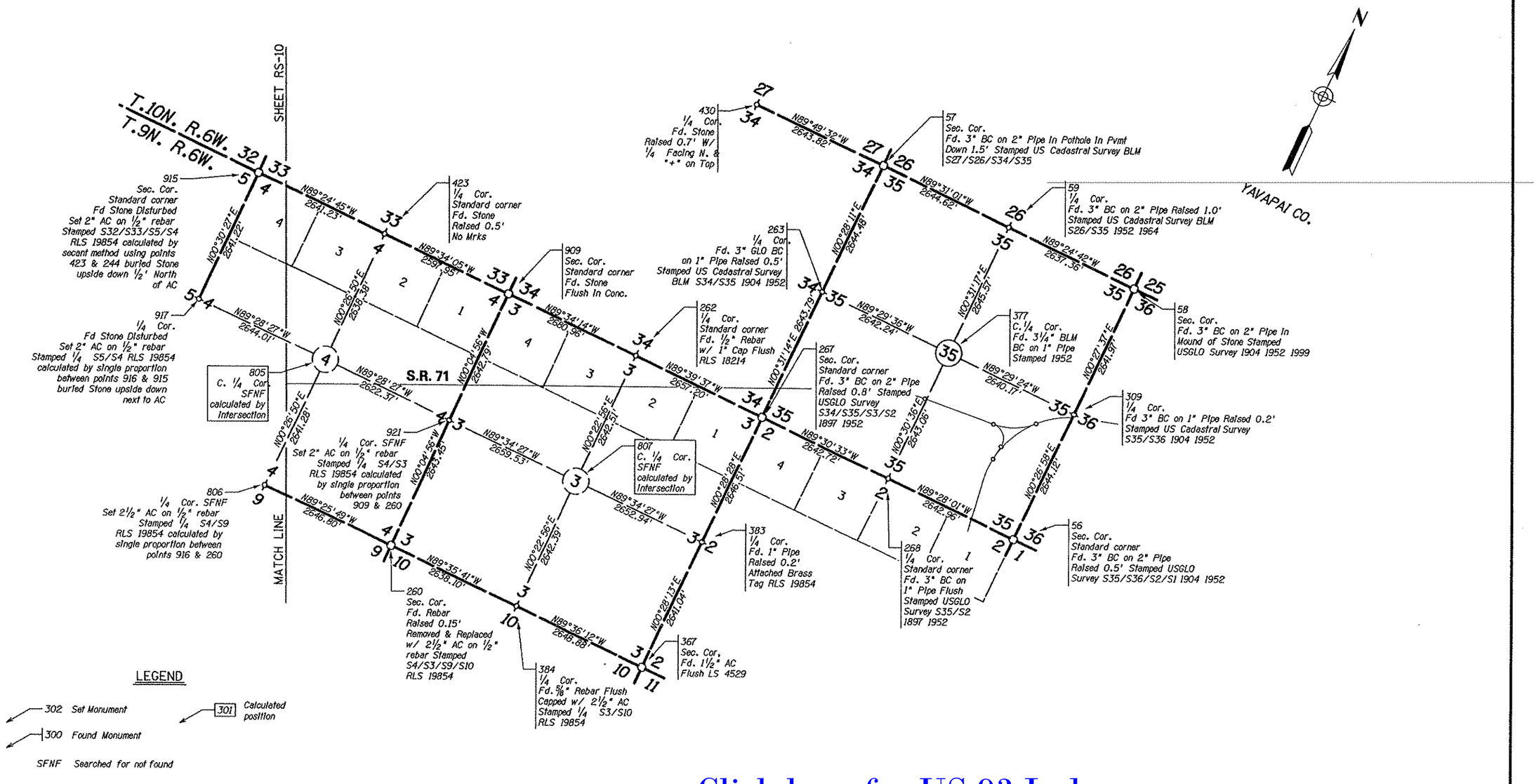
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: WICKENBURG - KINGMAN
FEDERAL AID NO.: U-093-B-703
PROJECT NO.: 093 YV 179 H4871 02R

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
40622
BRYAN L. CAMPBELL
10-4-10
ARIZONA U.S.A.
EXPIRES: 03/31/2015

SHEET RS-10

RESULTS OF SURVEY



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0 500 1000
Scale

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CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-13-T-477
SURVEY	MARCH 2005
DRAWN/DATE	A. GRASS/12-05
ADOT REVIEW	K. RICHMOND
amec	
ROUTE NO.:	U.S. 93
LOCATION:	JCT 89-Tres Alamos Rd.

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: WICKENBURG - KINGMAN
FEDERAL AID NO.: U-093-B-703
PROJECT NO.: 093 YV 179 H4871 02R

REGISTERED LAND SURVEYOR
40822
BRYAN L. CAMPBELL
10-4-06
ARIZONA U.S.A.
EXPIRES: 03/31/2013

SHEET RS-11

Click here for US 93 Index

RESULTS OF SURVEY

NOTE
S.R. 89 EXIST R/W ℄ STATIONING IS BASED ON POT 500+93.61 AS SHOWN ON RESULTS OF SURVEY PROJ. S 089-A-702, TRACS. NO. 089 YV 258 H5717 01R

NOTE
US 93 EXISTING R/W STATIONING SOUTH OF SR 71 IS BASED ON PC 207+09.70 AS SHOWN ON R/W PLAN STRIP MAP A-13-T-356

YAVAPAI CO.

N

92 Sec. Cor. Fd. Stone Raised 0.8' 2 Hash Mrks S. Face 5 Hash Mrks E. Face

N89°33'37"W 2640.64'

61 1/4 Cor. Fd. Stone Mrkd 1/4 Facing N.

N00°33'09"E 989.84'

TIE ONLY N47°13'54"W 531.59'

SEE DETAIL 'F'

SEE DETAIL 'A'

SEE DETAIL 'C'

N47°13'54"W 3451.71' 2644.51'

U.S. 93 EXIST R/W ℄ CURVE DATA
P.I. 170+00.68 ← 503
Δ=4°31'32" LT
D=00°16'03"
T=846.34
L=1691.79'
R=21419.23' ← 504

N00°33'48"E 2642.43'

N89°28'04"W 2640.18'

N89°31'19"W 1817.00'

N00°33'48"E 1802.43'

N00°32'15"E 2642.36'

85 1/4 Cor. Fd. Stone Down 0.5' W/ Etched Line on Top

86 1/4 Cor. Standard corner Fd. Stone Raised 0.9' Mrkd 1/4 Facing W.

T.8N. R.6W. / T.8N. R.5W.

N00°35'14"E 2638.53'

N89°28'04"W 2643.98'

819 C.1/4 Cor. SFNF calculated by Intersection

Burlington Northern and Santa Fe Railway Co.

N00°32'15"E 2646.34'

N89°38'14"W 2641.70'

SHEET MATCH LINE RS-13

DITCH & DYKE ESMT

DITCH & DYKE ESMT

N89°31'19"W 2642.70'

820 C.1/4 Cor. SFNF calculated by Intersection

② SR 89 EXIST R/W ℄ CURVE DATA
P.I. 481+62.11 ← 581
Δ=28°01'26" LT
D=02°00'00"
T=714.95
L=1401.28'
R=2864.96' ← 535

N00°33'09"E 2646.11'

N89°27'34"W 1249.21'

N10°18'52"W 9278.13'

SEE DETAIL 'B'

SEE DETAIL 'D'

411 Sec. Cor. Fd. Stone Down 0.8' In Dirt Hole

S.R. 89 EXIST R/W ℄

821 C.1/4 Cor. SFNF calculated by Intersection

N89°31'31"W 2640.02'

N00°34'24"E 2634.52'

SEE DETAIL 'E'

N89°29'14"W 2643.51' 1790.33'

POT 451+98.91

SEE RESULTS OF SURVEY R/W PROJECT S 089-A-702

DETAIL 'C'
23 ET0970 NGS CONTROL POINT
U.S. 93
S.R. 89
610 130 534 64 65 608 761 RP 535
PT 488+48.44

DETAIL 'F'
POT 127+02.63
78 79 601 500 602 600

DETAIL 'A'
91 1/4 Cor. Fd. Stone Raised 0.7' Mrkd 1/4 Facing N.
604 603 76 559 728 75 74 73 533 607 501 538 605 606
823.14' 747.84' 200' 100' 95.69'
POT 146+24.39 US 93 EXIST R/W ℄
POT 153+47.14 US 93 EXIST R/W ℄
POT 505+52.06 SR 89 EXIST R/W ℄ END
POT 157+35.78 US 93 EXIST R/W ℄
POT 500+93.61 SR 89 EXIST R/W ℄

DETAIL 'B'
94 1/4 Cor. Fd. Stone Mrkd 1/4 Facing N.
117 614 615 506 729 560 730
348.02' 288.08' 2364.15'
POT 187+13.47
POT 191+53.46

DETAIL 'E'
62 1/4 Cor. Fd. Stone Mrkd 1/4 Facing W.
840 1/4 Cor. SFNF calculated by single proportion between points 411 & 428
N00°34'24"E 2634.52'
N89°29'14"W 2643.51'
95.86' 2700.38'
N00°30'54"E 2581.08'
428 Fd stone Mrkd 1/4 W.C.

DETAIL 'D'
72 1/4 Cor. Fd. Stone Mrkd 1/4 Facing N.
674 537 675 RP 535 762 763 536
S.R. 89
LTB N19°08'49"W PCC 478+88.80
PC 474+47.16

DETAIL 'F'
POT 127+02.63
78 79 601 500 602 600

DETAIL 'C'
23 ET0970 NGS CONTROL POINT
U.S. 93
S.R. 89
610 130 534 64 65 608 761 RP 535
PT 488+48.44

DETAIL 'A'
91 1/4 Cor. Fd. Stone Raised 0.7' Mrkd 1/4 Facing N.
604 603 76 559 728 75 74 73 533 607 501 538 605 606
823.14' 747.84' 200' 100' 95.69'
POT 146+24.39 US 93 EXIST R/W ℄
POT 153+47.14 US 93 EXIST R/W ℄
POT 505+52.06 SR 89 EXIST R/W ℄ END
POT 157+35.78 US 93 EXIST R/W ℄
POT 500+93.61 SR 89 EXIST R/W ℄

DETAIL 'B'
94 1/4 Cor. Fd. Stone Mrkd 1/4 Facing N.
117 614 615 506 729 560 730
348.02' 288.08' 2364.15'
POT 187+13.47
POT 191+53.46

DETAIL 'E'
62 1/4 Cor. Fd. Stone Mrkd 1/4 Facing W.
840 1/4 Cor. SFNF calculated by single proportion between points 411 & 428
N00°34'24"E 2634.52'
N89°29'14"W 2643.51'
95.86' 2700.38'
N00°30'54"E 2581.08'
428 Fd stone Mrkd 1/4 W.C.

DETAIL 'D'
72 1/4 Cor. Fd. Stone Mrkd 1/4 Facing N.
674 537 675 RP 535 762 763 536
S.R. 89
LTB N19°08'49"W PCC 478+88.80
PC 474+47.16

DETAIL 'F'
POT 127+02.63
78 79 601 500 602 600

DETAIL 'C'
23 ET0970 NGS CONTROL POINT
U.S. 93
S.R. 89
610 130 534 64 65 608 761 RP 535
PT 488+48.44

DETAIL 'A'
91 1/4 Cor. Fd. Stone Raised 0.7' Mrkd 1/4 Facing N.
604 603 76 559 728 75 74 73 533 607 501 538 605 606
823.14' 747.84' 200' 100' 95.69'
POT 146+24.39 US 93 EXIST R/W ℄
POT 153+47.14 US 93 EXIST R/W ℄
POT 505+52.06 SR 89 EXIST R/W ℄ END
POT 157+35.78 US 93 EXIST R/W ℄
POT 500+93.61 SR 89 EXIST R/W ℄

DETAIL 'B'
94 1/4 Cor. Fd. Stone Mrkd 1/4 Facing N.
117 614 615 506 729 560 730
348.02' 288.08' 2364.15'
POT 187+13.47
POT 191+53.46

DETAIL 'E'
62 1/4 Cor. Fd. Stone Mrkd 1/4 Facing W.
840 1/4 Cor. SFNF calculated by single proportion between points 411 & 428
N00°34'24"E 2634.52'
N89°29'14"W 2643.51'
95.86' 2700.38'
N00°30'54"E 2581.08'
428 Fd stone Mrkd 1/4 W.C.

DETAIL 'D'
72 1/4 Cor. Fd. Stone Mrkd 1/4 Facing N.
674 537 675 RP 535 762 763 536
S.R. 89
LTB N19°08'49"W PCC 478+88.80
PC 474+47.16

DETAIL 'F'
POT 127+02.63
78 79 601 500 602 600

DETAIL 'C'
23 ET0970 NGS CONTROL POINT
U.S. 93
S.R. 89
610 130 534 64 65 608 761 RP 535
PT 488+48.44

DETAIL 'A'
91 1/4 Cor. Fd. Stone Raised 0.7' Mrkd 1/4 Facing N.
604 603 76 559 728 75 74 73 533 607 501 538 605 606
823.14' 747.84' 200' 100' 95.69'
POT 146+24.39 US 93 EXIST R/W ℄
POT 153+47.14 US 93 EXIST R/W ℄
POT 505+52.06 SR 89 EXIST R/W ℄ END
POT 157+35.78 US 93 EXIST R/W ℄
POT 500+93.61 SR 89 EXIST R/W ℄

DETAIL 'B'
94 1/4 Cor. Fd. Stone Mrkd 1/4 Facing N.
117 614 615 506 729 560 730
348.02' 288.08' 2364.15'
POT 187+13.47
POT 191+53.46

DETAIL 'E'
62 1/4 Cor. Fd. Stone Mrkd 1/4 Facing W.
840 1/4 Cor. SFNF calculated by single proportion between points 411 & 428
N00°34'24"E 2634.52'
N89°29'14"W 2643.51'
95.86' 2700.38'
N00°30'54"E 2581.08'
428 Fd stone Mrkd 1/4 W.C.

DETAIL 'D'
72 1/4 Cor. Fd. Stone Mrkd 1/4 Facing N.
674 537 675 RP 535 762 763 536
S.R. 89
LTB N19°08'49"W PCC 478+88.80
PC 474+47.16

DETAIL 'F'
POT 127+02.63
78 79 601 500 602 600

DETAIL 'C'
23 ET0970 NGS CONTROL POINT
U.S. 93
S.R. 89
610 130 534 64 65 608 761 RP 535
PT 488+48.44

DETAIL 'A'
91 1/4 Cor. Fd. Stone Raised 0.7' Mrkd 1/4 Facing N.
604 603 76 559 728 75 74 73 533 607 501 538 605 606
823.14' 747.84' 200' 100' 95.69'
POT 146+24.39 US 93 EXIST R/W ℄
POT 153+47.14 US 93 EXIST R/W ℄
POT 505+52.06 SR 89 EXIST R/W ℄ END
POT 157+35.78 US 93 EXIST R/W ℄
POT 500+93.61 SR 89 EXIST R/W ℄

DETAIL 'B'
94 1/4 Cor. Fd. Stone Mrkd 1/4 Facing N.
117 614 615 506 729 560 730
348.02' 288.08' 2364.15'
POT 187+13.47
POT 191+53.46

DETAIL 'E'
62 1/4 Cor. Fd. Stone Mrkd 1/4 Facing W.
840 1/4 Cor. SFNF calculated by single proportion between points 411 & 428
N00°34'24"E 2634.52'
N89°29'14"W 2643.51'
95.86' 2700.38'
N00°30'54"E 2581.08'
428 Fd stone Mrkd 1/4 W.C.

DETAIL 'D'
72 1/4 Cor. Fd. Stone Mrkd 1/4 Facing N.
674 537 675 RP 535 762 763 536
S.R. 89
LTB N19°08'49"W PCC 478+88.80
PC 474+47.16

LEGEND

302 Set Monument
300 Found Monument
301 Calculated position
Existing ADOT R/W monument
SFNF Searched for not found

0 250 500 Scale

...\ROS\093RW179_RS12.DGN

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-13-T-477
SURVEY	MARCH 2005
DRAWN/DATE	A. GRASS/12-05
ADOT REVIEW	K. RICHMOND
amec	
ROUTE NO.: U.S. 93	LOCATION: JCT 89-Tres Alamos Rd.

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: WICKENBURG - KINGMAN
FEDERAL AID NO.: U-093-B-703
PROJECT NO.: 093 YV 179 H4871 02R

REGISTERED LAND SURVEYOR 40622 BRYAN L. CAMPBELL 10-4-10 ARIZONA U.S.A. EXPIRES: 03/31/2010

SHEET RS-12

Click here for US 93 Index

RESULTS OF SURVEY

86 1/4 Cor. Standard corner Fd. Stone Raised 0.9' Mrkd 1/4 Facing W.

87 Closing corner Fd. 1" Iron Pipe Raised 0.4' w/ Alum Tag marked NE Cor. Lot 3 Attached Brass Tag RLS 19854

88 Sec. Cor. Standard corner Fd. 1¼" Iron Pipe Down 0.5' w/ Tag PE 2522

89 Closing corner Fd. 1¾" Iron Pipe Raised 0.4' W/ Tag PE 2522

823 Sec. Cor. Standard corner calculated by Intersection of the line from point 102 to point 89 and the range line as established between points 88 and 95

102 1/4 Cor. Fd. 2½" GLO BC on 1" I.P. Raised 0.7' Stamped 1914

822 C.1/4 Cor. SFNF calculated by Intersection

104 Sec. Cor. Fd. 2½" GLO BC on 2" I.P. Raised 1.2' Stamped 1914

420 W.C. Fd. 2½" GLO BC on 1" I.P. Raised 1.5' Stamped 1914

810 1/4 Cor. SFNF calculated by single proportion between points 104 & 420

414 Sec. Cor. Fd. 2½" GLO BC on 2" I.P. Raised 1.5' Stamped 1914

930 1/4 Cor. SFNF Set 2" AC on ½" rebar Stamped 1/4 S11/S14 RLS 19854 calculate by single proportion between points 414 & 104

845 C.1/4 Cor. SFNF calculated by Intersection

821 C.1/4 Cor. SFNF calculated by Intersection

100 1/4 Cor. Fd. 2½" GLO BC on 1" I.P. Raised 1.3' Stamped 1914

101 1/4 Cor. Fd. 2½" GLO BC on 1" I.P. Raised 1.3' Stamped 1914

99 Sec. Cor. Fd. 2½" GLO BC on 2" I.P. Raised 1.0' Stamped 1914

95 1/4 Cor. Standard corner Fd. ½" Rebar Raised 0.2' W/ Tag RLS 13011

60 Closing corner Fd. 1½" Iron Pipe Raised 0.2' W/ Tag PE 2522

427 1/4 Cor. Fd. ½" Rebar Raised 0.2 W/Tag PE 2522

844 1/4 Cor. Standard corner calculated by Intersection of the from point 810 to the point 60 and the range line established between points 95 & 55

55 Sec. Cor. Standard corner Fd. 1½" AC on ½" Rebar Raised 0.2' Stamped Property Cor RLS 4529

97 Closing corner Fd. 3" GLO BC on 2" I.P. Raised 0.5' Stamped S12/S13 S7/S18 1914

854 Sec. Cor. Standard corner calculated by Intersection of the line from point 100 to point 97 and the range line established between points 55 & 93

93 1/4 Cor. Standard corner Fd. 1½" AC on ½" Rebar Stamped Property Cor RLS 4529

DETAIL 'A' · DETAIL 'B' · DETAIL 'C' · DETAIL 'D' · DETAIL 'E'

SEE DETAIL 'A' · SEE DETAIL 'B' · SEE DETAIL 'C' · SEE DETAIL 'D' · SEE DETAIL 'E'

VISTA ROYALE SUBDIVISION UNIT "A" OF PHASE ONE BOOK 33, PAGE 100

VISTA ROYALE SUBDIVISION UNIT "B" OF PHASE ONE BOOK 37, PAGE 72

VISTA ROYALE SUBDIVISION OF PHASE III BOOK 48, PAGE 1

U.S. 93 · U.S. 93 Exist R/W ℄

SHEET RS-12 · MATCH LINE · SHEET RS-14 · MATCH LINE

T.8N. R.6W. · T.8N. R.5W.

Burlington Northern and Santa Fe Railway Co.

YAVAPAI CO.

1 US 93 EXIST R/W ℄ CURVE DATA
P.I. 211+29.13 ← 508
Δ=2°13'49" RT
D=00°15'57"
T=419.42
L=838.74'
R=21548.07' ← 509

NOTE
US 93 EXISTING R/W STATIONING SOUTH OF SR 71 IS BASED ON PC 207+09.70 AS SHOWN ON R/W PLAN STRIP MAP A-13-T-356

LEGEND

302 Set Monument · 300 Found Monument · 301 Calculated position · Existing ADOT R/W monument · SFNF Searched for not found

0 250 500 Scale

...\RDS\093RW179_RS13.DGN

CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-13-T-477
SURVEY	MARCH 2005
DRAWN/DATE	A. GRASS/12-05
ADOT REVIEW	K. RICHMOND

amec

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: WICKENBURG - KINGMAN
FEDERAL AID NO.: U-093-B-703
PROJECT NO.: 093 YV 179 H4871 02R
ROUTE NO.: U.S. 93
LOCATION: JCT 89-Tres Alamos Rd.

REGISTERED LAND SURVEYOR CERTIFICATE NO. 40622 BRYAN L. CAMPBELL 10-4-06 ARIZONA U.S.A. EXPIRES: 03/31/2010

SHEET RS-13

RESULTS OF SURVEY

Click here for US 93 Index

YAVAPAI CO.

N

DETAIL 'C'

DETAIL 'A'

DETAIL 'B'

DETAIL 'D'

DETAIL 'E'

SHEET RS-13

SHEET RS-15

MATCH LINE

MATCH LINE

U.S. 93

U.S. 93 Exist R/W ℄

N49°31'37"W 50885.62'

SEE DETAIL 'A'

SEE DETAIL 'B'

SEE DETAIL 'C'

SEE DETAIL 'D'

SEE DETAIL 'E'

T.9N. R.6W.

T.8N. R.6W.

414 Sec. Cor. Fd. 2½" GLO BC on 2" I.P. Raised 1.5' Stamped 1914

105 ¼ Cor. Fd. 2½" GLO BC on 1" I.P. Raised 1.5' Stamped 1914

N89°27'38"W 2641.98'

N00°33'59"E 2635.28'

N00°34'30"E 2635.29'

824 C. ¼ Cor. SFNF calculated by intersection

738

740

107 Sec. Cor. Fd. 2½" GLO BC on 2" I.P. Raised 0.8' Stamped 1914

N89°21'09"W 2640.67'

106 ¼ Cor. Fd. 2½" GLO BC on 1" I.P. Raised 1.5' Stamped 1914

N89°29'50"W 2643.16'

N00°35'18"E 2654.05'

107 Sec. Cor. Fd. 2½" GLO BC on 2" I.P. Raised 0.8' Stamped 1914

N00°34'22"E 2640.93'

369 ¼ Cor. Fd. 2½" GLO BC on 1" I.P. Raised 0.9' Stamped S4/S3 1914

N89°25'14"W 2641.39'

N00°35'38"E 1717.78'

1717.78'

1715.10'

813 Sec. Cor. SFNF calculated by intersection at the standard parallel

N00°35'38"E 4.68'

112 Closing corner Fd. 2½" GLO BC on 2" I.P. Raised 0.4' Stamped 1914

925 ¼ Cor. SFNF Set 2½" AC on ½" rebar Stamped S.C. ¼ S33 RLS 19854 calculated by secant method using points 46 & 433

1920.43'

N89°30'49"W 2642.85'

845 C. ¼ Cor. SFNF calculated by intersection

20 ETO971 NGS CONTROL POINT

POT 336+73.37

N00°33'01"E 1211.06'

250'

150'

677

583

681

181

182

161

POT 359+03.75

108 Sec. Cor. Fd. 2½" GLO BC on 2" I.P. Raised 0.7' Stamped 1914

162

163

629

631

628

514

630

515

183

184

930.33'

778.05'

POT 371+16.6

N00°35'47"E 2640.52'

164

185

U.S. 93 Exist R/W ℄

166

186

739

741

187

N00°35'18"E 1722.01'

1375.59'

168

682

189

N89°25'51"W 2640.85'

1710.50'

2641.85'

1450.79'

811 ¼ Cor. SFNF Set 2½" AC on ½" rebar Stamped ¼ S2/S11 RLS 19854 calculated by single proportion using points 108 & 99

N89°25'51"W 2640.83'

99 Sec. Cor. Fd. 2½" GLO BC on 2" I.P. Raised 1.0' Stamped 1914

N89°25'14"W 2227.46'

927 ¼ Cor. SFNF Set 2" AC on ½" rebar Stamped S.C. ¼ S34 RLS 19854 calculated by secant method using points 46 & 433

109 ¼ Cor. Fd. 2½" GLO BC on 1" I.P. Raised 1.4' Stamped 1914

N00°33'45"E 1726.83'

724.02'

812 ¼ Cor. SFNF Set 2" AC on ½" rebar Stamped S.C. ¼ S3 RLS 19854 calculated by single proportion along standard parallel using points 813 & 814

N00°22'21"E 2640.32'

920 ¼ Cor. SFNF Set 2" AC on ½" rebar Stamped ¼ S33/S34 RLS 19854 calculated by single proportion between points 919 & 901

N89°27'39"W 2642.51'

N00°21'51"E 2639.39'

1917.20'

N89°31'40"W 2642.83'

902 Sec. Cor. SFNF Set 2" AC on ½" rebar Stamped S.C. S34/S35 RLS 19854 calculated by secant method using points 46 & 433

725.63'

633

722.40'

167

901 Sec. Cor. SFNF Set 2" AC on ½" rebar Stamped S.C. S33/S34 RLS 19854 calculated by secant method using points 46 & 433

POT 427+01.38

276.24'

232.07'

516

585

632

1642.58'

188

401 AMEC Control Point

POT 430+62.53'

1726.83'

1723.21'

814 Sec. Cor. SFNF calculated by intersection at the standard parallel

N00°33'45"E 37.56'

110 Closing Corner Fd. 2½" GLO BC on 2" I.P. Raised 1.0' Stamped 1914

865 C. ¼ Cor. SFNF calculated by intersection

165

414.53'

346.48'

565

566

POT 400+20.53

POT 405+60.75

NOTE
US 93 EXISTING R/W STATIONING SOUTH OF SR 71 IS BASED ON PC 207+09.70 AS SHOWN ON R/W PLAN STRIP MAP A-13-T-356

LEGEND

302 Set Monument

300 Found Monument

SFNF Searched for not found

301 Calculated position

Existing ADOT R/W monument

0 250 500 Scale

...\RDS\093RW179_RS14.DGN

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-13-T-477
SURVEY	MARCH 2005
DRAWN/DATE	A. GRASS/12-05
ADOT REVIEW	K. RICHMOND

amec

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: WICKENBURG - KINGMAN

FEDERAL AID NO.: U-093-B-703

PROJECT NO.: 093 YV 179 H4871 02R

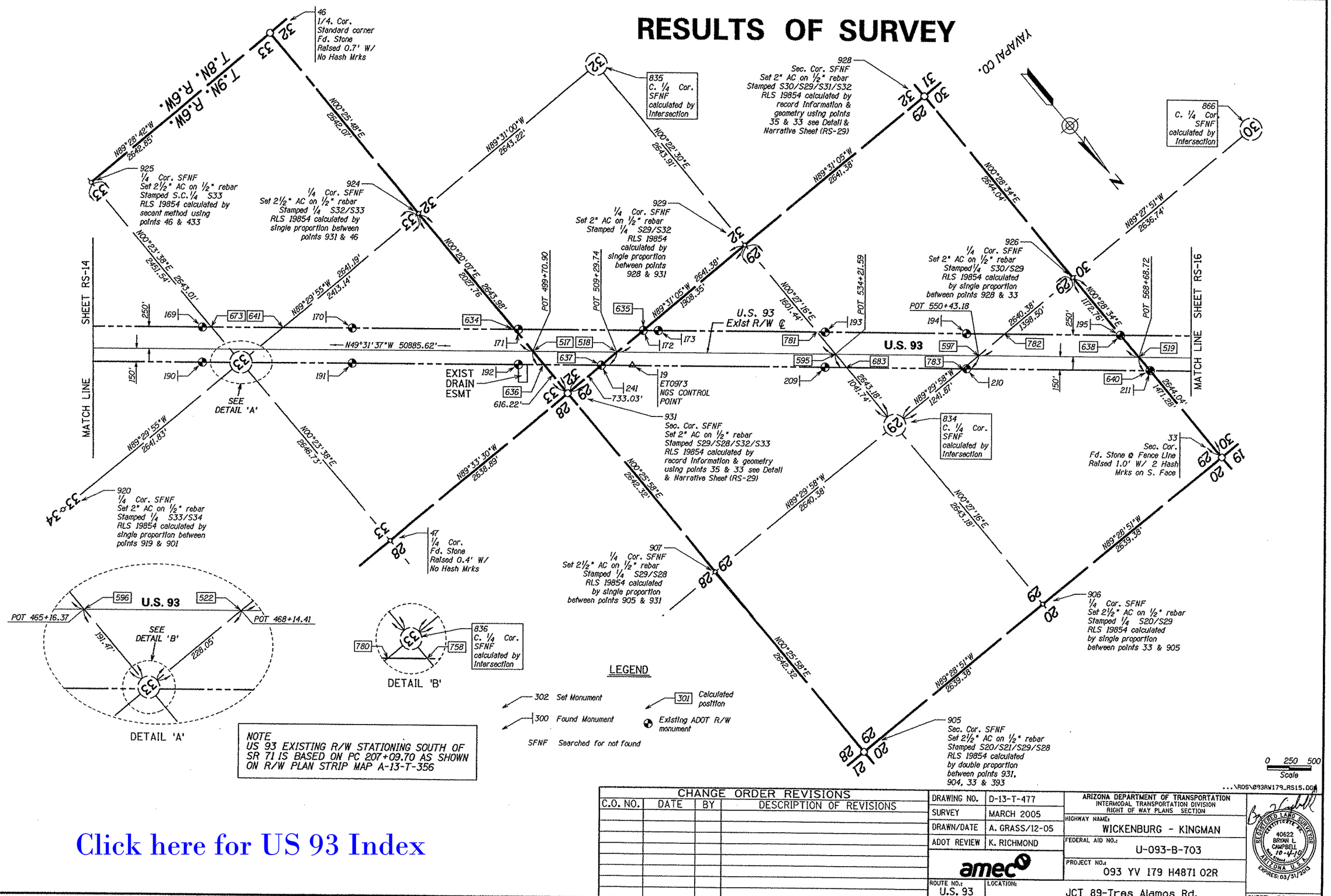
ROUTE NO.: U.S. 93

LOCATION: JCT 89-Tres Alamos Rd.

REGISTERED LAND SURVEYOR
CERTIFICATE NUMBER
40522
BRIAN L. CAMPBELL
10-4-70
ARIZONA U.S.A.
EXPIRES: 03/31/2005

SHEET RS-14

RESULTS OF SURVEY



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CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-13-T-477
SURVEY	MARCH 2005
DRAWN/DATE	A. GRASS/12-05
ADOT REVIEW	K. RICHMOND
amec	
ROUTE NO.:	U.S. 93

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: WICKENBURG - KINGMAN
FEDERAL AID NO.: U-093-B-703
PROJECT NO.: 093 YV 179 H4871 02R
LOCATION: JCT 89-Tres Alamos Rd.

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
40622
BRYAN L. CAMPBELL
10-4-04
ARIZONA U.S.A.
EXPIRES: 03/31/2005

SHEET RS-15

Click here for US 93 Index

RESULTS OF SURVEY

NOTE
US 93 EXISTING R/W STATIONING SOUTH OF SR 71 IS BASED ON PC 207+09.70 AS SHOWN ON R/W PLAN STRIP MAP A-13-T-356

DETAIL 'B'

DETAIL 'A'

T.9N. - R.7W.
T.9N. R.6W.

866 C. 1/4 Cor. SFNF calculated by Intersection

35 Sec. Cor. Standard Corner Fd. Stone laying on side @ Fence Line Raised 0.5' W/ 4 Hash Mrks on S. Face

49 1/4 Cor. Standard Corner Fd. Stone Raised 0.8' Mrkd 1/4 Facing S.

36 1/4 Cor. Fd. 2½" GLO BC on 1" I.P. Raised 1.3' Stamped S24/S25 1933

51 1/4 Cor. Fd. 2½" GLO BC on 1" I.P. Raised 1.7' Stamped 1933

52 1/4 Cor. Fd. 2½" GLO BC on 1" I.P. Raised 1.0' Stamped 1933

50 Sec. Cor. Fd. 2½" GLO BC on 2" I.P. Raised 1.2' Stamped 1933

838 C. 1/4 Cor. SFNF calculated by Intersection

34 1/4 Cor. Fd. Stone @ Fence Line Raised 0.5' W/ No Hash Mrks

33 Sec. Cor. Fd. Stone @ Fence Line Raised 1.0' W/ 2 Hash Mrks on S. Face

850 C. 1/4 Cor. SFNF calculated by Intersection

912 1/4 Cor. SFNF Set 2" AC on 1/2" rebar Stamped 1/4 S19/S20 RLS 19854 calculated by single proportion between points 908 & 33

910 1/4 Cor. SFNF Set 2" AC on 1/2" rebar Stamped 1/4 S18/S19 RLS 19854 calculated by single proportion between points 908 & 374

374 Sec. Cor. Standard Corner Fd. Stone Raised 0.3' w/3 Hash Mrks on S. Face

839 C. 1/4 Cor. Set 2½" AC on 1/2" rebar Stamped C 1/4 S13 RLS 19854 calculated by Intersection

818 1/4 Cor SFNF calculated by single proportion using points 385 & 419

386 1/4 Cor. Standard Corner Fd. Stone Raised 0.5' W/ No Mrks

412 Fd. 2½" GLO BC Flush on 1" I.P. Stamped S13/S24 1933

SEE DETAIL 'B'

SEE DETAIL 'A'

U.S. 93 Exist R/W ℄

U.S. 93

N49°31'37"W 50885.62'

402 AMEC Control Point

SHEET RS-15

SHEET RS-17

MATCH LINE

MATCH LINE

YAVAPAI CO.

LEGEND

302 Set Monument
300 Found Monument
SFNF Searched for not found
301 Calculated position
Existing ADOT R/W monument

0 250 500 Scale

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CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-13-T-477
SURVEY	MARCH 2005
DRAWN/DATE	A. GRASS/12-05
ADOT REVIEW	K. RICHMOND

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: WICKENBURG - KINGMAN
FEDERAL AID NO.: U-093-B-703
PROJECT NO.: 093 YV 179 H4871 02R
ROUTE NO.: U.S. 93
LOCATION: JCT 89-Tres Alamos Rd.

REGISTERED LAND SURVEYOR — CERTIFICATE NO. 40622 — BRYAN L. CAMPBELL — 10-4-10 — ARIZONA U.S.A. — EXPIRES: 03/31/2005

SHEET RS-16

Click here for US 93 Index

RESULTS OF SURVEY

NOTE
US 93 EXISTING R/W STATIONING SOUTH OF SR 71 IS BASED ON PC 207+09.70 AS SHOWN ON R/W PLAN STRIP MAP A-13-T-356

DETAIL 'E'

DETAIL 'F'

DETAIL 'D'

DETAIL 'C'

DETAIL 'G'

DETAIL 'B'

DETAIL 'A'

"Y*" LINE ℄
CURVE DATA
PI 461+52.27 ← 532

SPIRAL	TOTAL CURVE	SPIRAL
a=2.62'	Δ=65°26'10" RT	a=2.62'
Δ=6°00'00"	T=1071.85'	Δ=6°00'00"
L=300.00'	L=1935.91'	L=300.00'

MAIN CURVE
Δ=53°26'10" RT
D=04°00'00"
L=1335.91'
R=1432.40' ← 655

NOTE:
SR 71 EXISTING R/W ℄ STATIONING IS BASED ON PT 867+00.00 AS SHOWN ON R/W STRIP MAP NO. 7-T-464

NOTE:
US 93 EXIST R/W ℄ STATIONING NORTH OF SR 71 IS BASED ON THE STATION AT THE INTERSECTION OF US 93 AND SR 71 (POT 470+16.27) AS SHOWN ON R/W PLAN STRIP MAP A-13-T-329A

LEGEND

302 Set Monument
300 Found Monument
SFNF Searched for not found
301 Calculated position
Existing ADOT R/W monument

0 250 500
Scale

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-13-T-477
SURVEY	MARCH 2005
DRAWN/DATE	A. GRASS/12-05
ADOT REVIEW	K. RICHMOND
	amec
ROUTE NO.:	U.S. 93
LOCATION:	JCT 89-Tres Alamos Rd.

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: WICKENBURG - KINGMAN
FEDERAL AID NO.: U-093-B-703
PROJECT NO.: 093 YV 179 H4871 02R

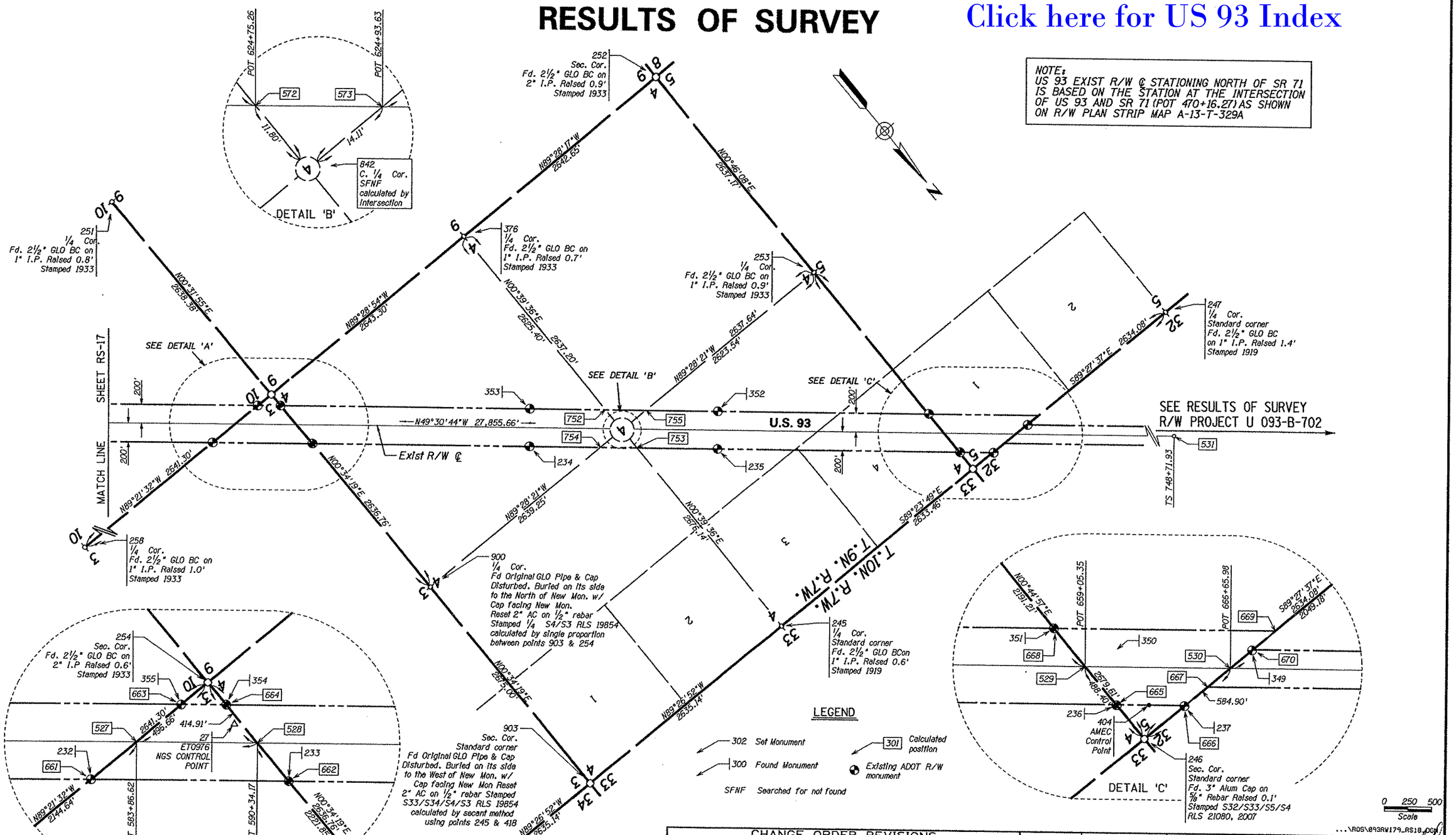
...\ROS\093RW179_RS17.DGN

REGISTERED LAND SURVEYOR 40622 BRYAN L. CAMPBELL 6-10-10 ARIZONA U.S.A. EXPIRES: 03/31/2013

SHEET RS-17

RESULTS OF SURVEY

Click here for US 93 Index



CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-13-T-477
SURVEY	MARCH 2005
DRAWN/DATE	A. GRASS/12-05
ADOT REVIEW	K. RICHMOND

amec

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: WICKENBURG - KINGMAN

FEDERAL AID NO.: U-093-B-703

PROJECT NO.: 093 YV 179 H4871 02R

ROUTE NO.: U.S. 93

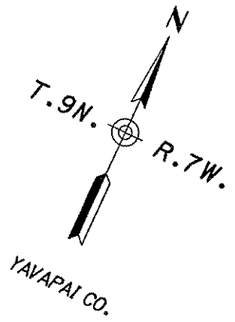
LOCATION: JCT 89-Tres Alamos Rd.

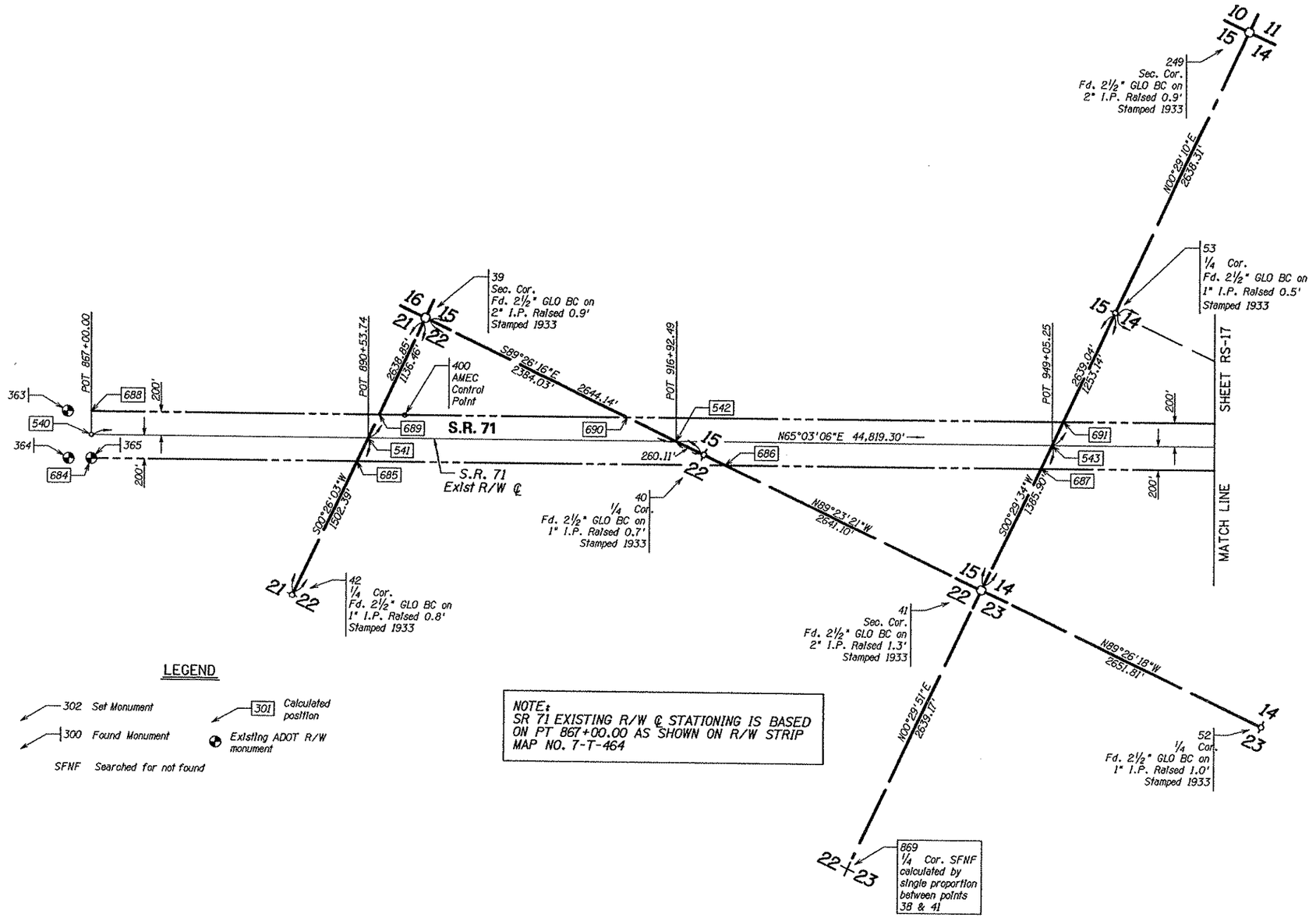
REGISTERED LAND SURVEYOR 40622 BRYAN L. CAMPBELL 10-4-10 ARIZONA U.S.A. EXPIRES: 03/31/2013

SHEET RS-18

...\ROS\093RW179_RS18.DGN

RESULTS OF SURVEY





LEGEND

302 Set Monument
300 Found Monument
SFNF Searched for not found
301 Calculated position
Existing ADOT R/W monument

NOTE:
SR 71 EXISTING R/W ℄ STATIONING IS BASED ON PT 867+00.00 AS SHOWN ON R/W STRIP MAP NO. 7-T-464

0 250 500
Scale

...\ROS\093RW179_RS19.DGN

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-13-T-477
SURVEY	MARCH 2005
DRAWN/DATE	A. GRASS/12-05
ADOT REVIEW	K. RICHMOND
amec	
ROUTE NO.: U.S. 93	LOCATION: JCT 89-Tres Alamos Rd.

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: WICKENBURG - KINGMAN
FEDERAL AID NO.: U-093-B-703
PROJECT NO.: 093 YV 179 H4871 02R

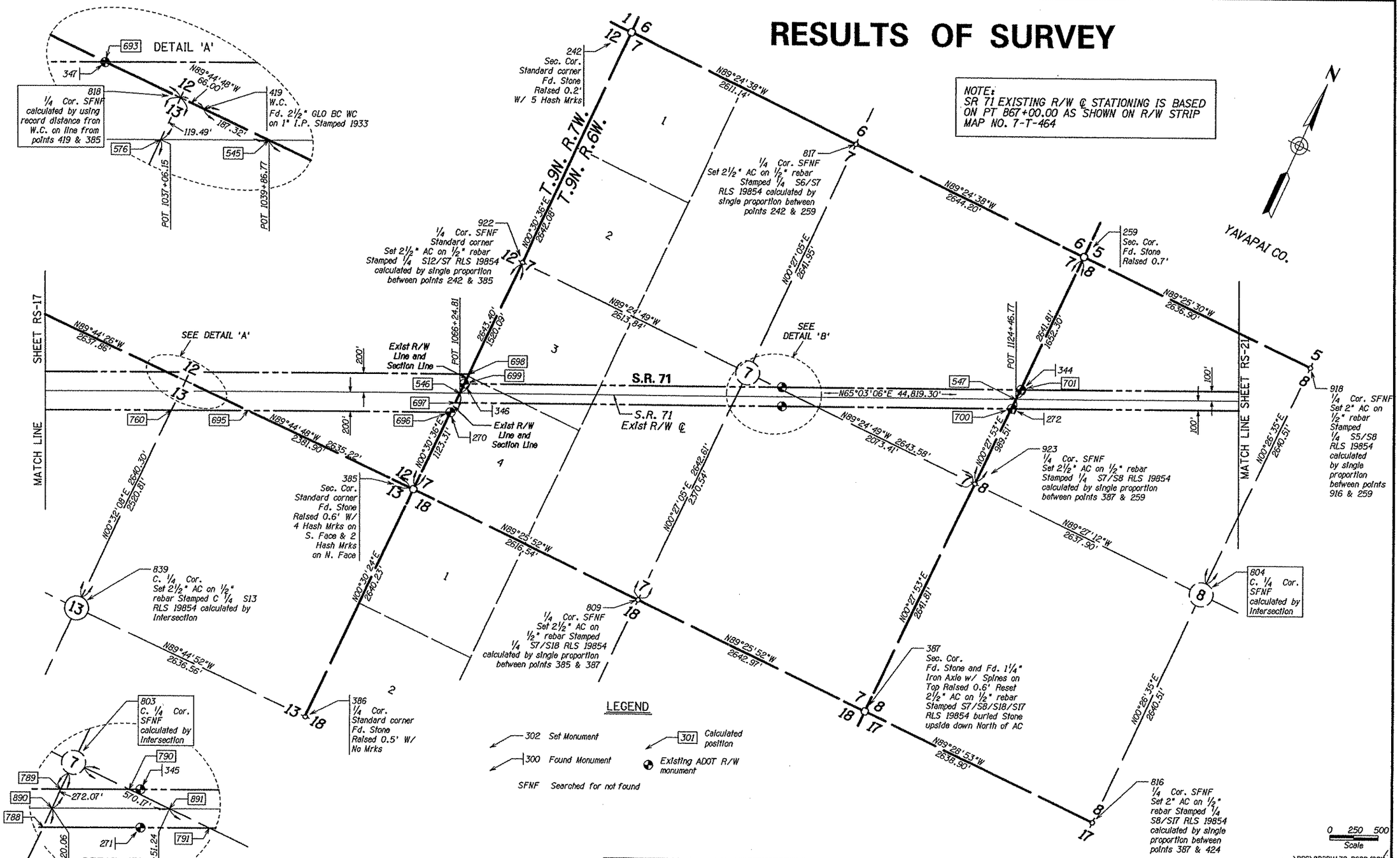
REGISTERED LAND SURVEYOR
CERTIFICATE NO.
40622
BRIAN L. CAMPBELL
10-14-05
ARIZONA U.S.A.
EXPIRES: 03/31/2006

SHEET RS-19

Click here for US 93 Index

RESULTS OF SURVEY

NOTE:
SR 71 EXISTING R/W ℄ STATIONING IS BASED ON PT 867+00.00 AS SHOWN ON R/W STRIP MAP NO. 7-T-464



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CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-13-T-477
SURVEY	MARCH 2005
DRAWN/DATE	A. GRASS/12-05
ADOT REVIEW	K. RICHMOND
amec	

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: WICKENBURG - KINGMAN
FEDERAL AID NO.: U-093-B-703
PROJECT NO.: 093 YV 179 H4871 02R
ROUTE NO.: U.S. 93
LOCATION: JCT 89-Tres Alamos Rd.

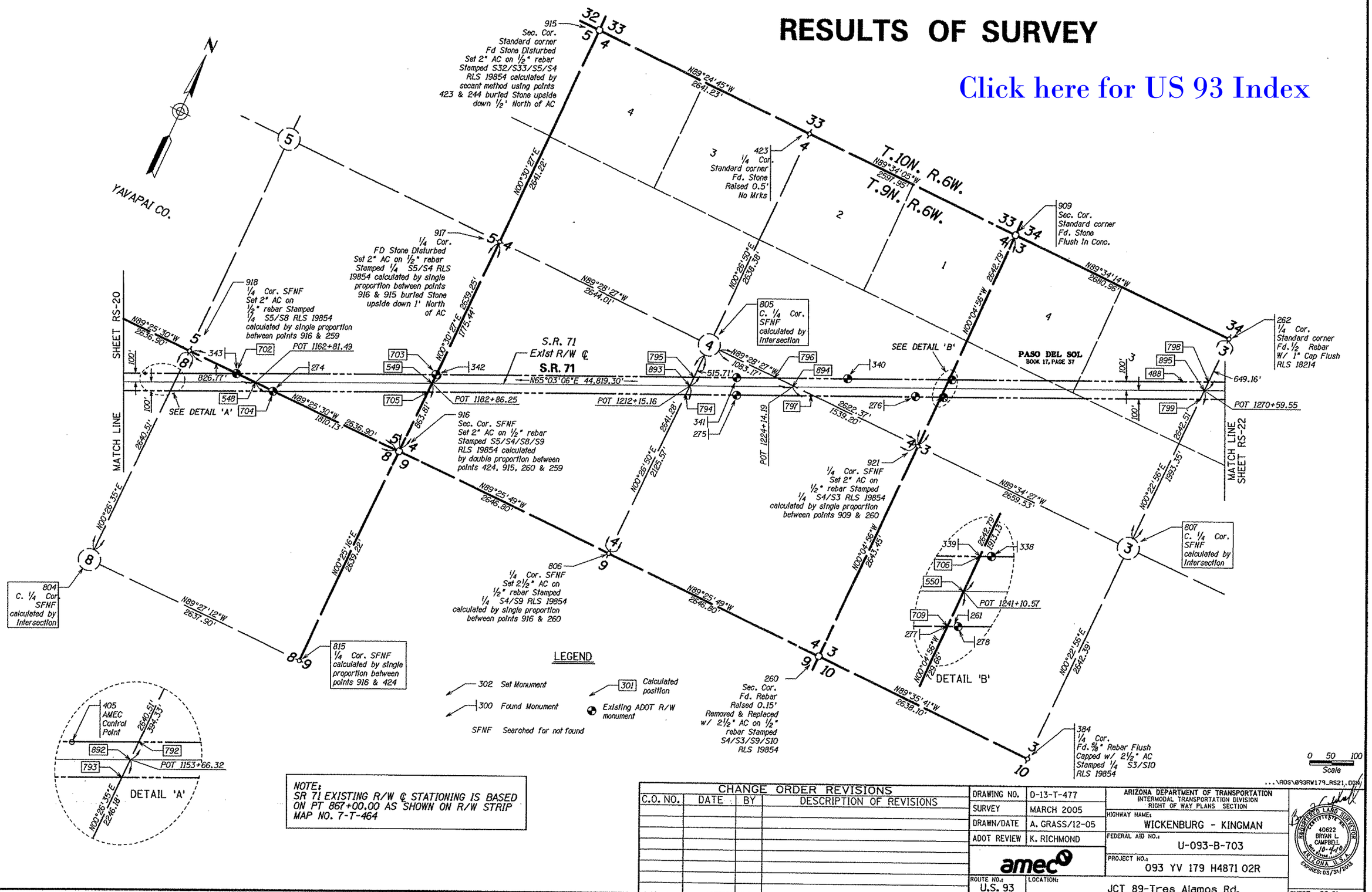
REGISTERED LAND SURVEYOR CERTIFICATE NO. 40822 BRYAN L. CAMPBELL 10-4-10 ARIZONA U.S.A. EXPIRES: 03/31/2013

SHEET RS-20

Click here for US 93 Index

RESULTS OF SURVEY

Click here for US 93 Index



NOTE:
SR 71 EXISTING R/W ℄ STATIONING IS BASED ON PT 867+00.00 AS SHOWN ON R/W STRIP MAP NO. 7-T-464

...\ROS\093RW179_RS21.DGN

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-13-T-477
SURVEY	MARCH 2005
DRAWN/DATE	A. GRASS/12-05
ADOT REVIEW	K. RICHMOND

amec

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: WICKENBURG - KINGMAN
FEDERAL AID NO.: U-093-B-703
PROJECT NO.: 093 YV 179 H4871 02R
ROUTE NO.: U.S. 93
LOCATION: JCT 89-Tres Alamos Rd.

REGISTERED LAND SURVEYOR 40622 BRYAN L. CAMPBELL No. 10-419 ARIZONA U.S.A. EXPIRES: 03/31/2006

SHEET RS-21

Click here for US 93 Index

RESULTS OF SURVEY

NOTE:
SR 71 EXISTING R/W ℄ STATIONING IS BASED ON PT 867+00.00 AS SHOWN ON R/W STRIP MAP NO. 7-T-464

NOTE:
SR 89 EXISTING R/W STATIONING IS BASED ON EQUATION PC BK 1438+50.20 AS SHOWN ON RESULTS OF SURVEY PROJ. S 089-A-702, TRACS NO. 089 YV 258 H5717 01R

NOTE:
"A" LINE ℄ STATIONING IS BASED ON PRC 1350+55.14 AS SHOWN ON R/W STRIP MAP NO. 7-T-464

NOTE
"Y" LINE ℄ STATIONING IS BASED ON PC 0+00 AS SHOWN ON R/W STRIP MAP 7-T-464

DETAIL 'A'

DETAIL 'B'

DETAIL 'C'

DETAIL 'D'

DETAIL 'E'

DETAIL 'F'

S.R. 71 — N65°03'06"E 44,819.30'

POT 1300+01.02

PT 1328+32.77

POT 1328+67.89

"A" LINE Exist R/W ℄

"Y" LINE Exist R/W ℄

S.R. 89 Exist R/W ℄

Exist R/W Line and Section Line

SEE DETAIL 'A'

SEE DETAIL 'B'

SEE DETAIL 'C'

SEE DETAIL 'D'

SEE DETAIL 'E'

SEE DETAIL 'F'

SEE RESULTS OF SURVEY R/W PROJECT S 089-A-702

MATCH LINE SHEET RS-21

T.10N. R.6W.

T.9N. R.6W.

YAVAPAI CO.

Burlington Northern and Santa Fe Railway Co.

CHAPARRAL ESTATES NO ONE BOOK 20, PAGE 57

HACIENDA HEIGHTS BOOK 20, PAGE 54

BROUGH SUBDIVISION NO 1 BOOK 20, PAGE 53

DECK SUBDIVISION NO 5 BOOK 15, PAGE 12

DECK SUBDIVISION NO 4 BOOK 15, PAGE 11

DECK SUBDIVISION NO 3 BOOK 10, PAGE 91

DECK'S SECOND SUBDIVISION BOOK 5, PAGE 25

CONGRESS VILLAGE BOOK 28, PAGE 97

262 1/4 Cor Standard Corner. Fd. 1/2 Rebar w/ 1" Cap Flush RLS 18214

263 1/4 Cor. Fd. 3" GLO BC on 1" Pipe Raised 0.5' Stamped US Cadastral Survey BLM S34/S35 1904 1952

267 Sec. Cor. Standard corner Fd. 3" BC on 2" Pipe Raised 0.8' Stamped USGLO Survey S34/S35/S3/S2 1897 1952

268 1/4 Cor. Standard corner Fd. 3" BC on 1" Pipe Flush Stamped USGLO Survey S35/S2 1897 1952

377 C.1/4 Cor. Fd. 3 1/4" BLM BC on 1" Pipe Stamped 1952

309 1/4 Cor. Fd 3" BC on 1" Pipe Raised 0.2' Stamped US Cadastral Survey S35/S36 1904 1952

310 1/4 Cor. Fd 3" BC on 1" Pipe Raised 0.2' Stamped US Cadastral Survey S35/S36 1904 1952

383 1/4 Cor. Fd. 1" Pipe Raised 0.2' Attached Brass Tag RLS 19854

58 Sec. Cor. Fd. 3" BC on 2" Pipe In Mound of Stone Stamped USGLO Survey 1904 1952 1999

56 Sec. Cor. Standard corner Fd. 3" BC on 2" Pipe Raised 0.5' Stamped USGLO Survey S35/S36/ S2/S1 1904 1952

N89°29'36"W 2642.24'

N89°29'24"W 2640.17'

N89°30'33"W 2642.72'

N89°28'01"W 2642.96'

N00°27'37"E 2641.97'

N00°30'36"E 2643.06'

N00°31'44"E 2643.79'

N00°28'28"E 2646.51'

N00°26'58"E 2644.12'

N00°15'20"W 1000.55'

N89°39'37"W 1375.57'

N84°32'08"E 1361.16'

N01°35'25"E 272.92'

1283.63'

2657.20'

1756.45'

886.51'

973.15'

1869.91'

2035.44'

2644.12'

2644.97'

2579.61'

2446.26'

103.72'

P.O.T. 1472+99.59

P.T. 1462+99.04

P.O.T. 1470+55.28

PC 1342+29.06 "A" LINE ℄ = BEGIN PC 0+00.00 "Y" LINE ℄

PT 5+15.27

POT 1285+79.23 SR 71 EXIST R/W ℄

POT 1315+19.30 SR 71 EXIST R/W ℄ = POT 1315+22.37 BEGIN "A" LINE ℄

PC 1318+58.58 "A" LINE ℄

POT 1355+17.07 SR 71 EXIST R/W ℄

BEGIN P.C. 1438+50.20 SR 89 EXIST R/W ℄ = P.O.T. 1358+58.35 SR 71 EXIST R/W ℄

POC 1447+55.21 LTB S43°12'22"W SR 89 EXIST R/W ℄ PRC 1350+55.64 "A" LINE ℄ END

POC 1458+23.67 LTB S35°25'52"W SR 89 EXIST R/W ℄ END POT "Y" LINE ℄ +88.19

POC 1440+56.79 LTB S66°29'14"W S.R. 89

LEGEND

- 302 Set Monument
- 300 Found Monument
- 301 Calculated position
- Existing ADOT R/W monument
- SFNF Searched for not found

0 250 500 Scale

...\ROS\093RW179_RS22.DGN

① "A" LINE ℄ CURVE DATA

P.I. 1323+50.43 ← 588
Δ=19°29'02" RT
D=2°00'00"
T=491.85'
L=974.19'
R=2864.79' ← 716

② "A" LINE ℄ CURVE DATA

P.I. 1346+61.26 ← 594
Δ=41°19'46" LT
D=5°00'00"
T=432.20'
L=826.59'
R=1145.92' ← 777

③ "Y" LINE ℄ CURVE DATA

P.I. 3+60.51 ← 593
Δ=103°03'17" RT
D=20°00'00"
T=360.51'
L=515.27'
R=286.48' ← 778

④ SR 89 EXIST R/W ℄ CURVE DATA

P.I. 1453+34.63 ← 578
Δ=81°37'45" LT
D=3°20'00"
T=1484.43'
L=2448.84'
R=1718.84' ← 584

CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-13-T-477
SURVEY	MARCH 2005
DRAWN/DATE	A. GRASS/12-05
ADOT REVIEW	K. RICHMOND

amec

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: WICKENBURG - KINGMAN
FEDERAL AID NO.: U-093-B-703
PROJECT NO.: 093 YV 179 H4871 02R
ROUTE NO.: U.S. 93
LOCATION: JCT 89-Tres Alamos Rd.

REGISTERED LAND SURVEYOR CERTIFICATE NO. 40622 BRYAN L. CAMPBELL 10-4-05 ARIZONA U.S.A. EXPIRES: 03/31/2015

SHEET RS-22

Click here for US 93 Index

RESULTS OF SURVEY

SECTION CORNERS

PT.	NORTHING	EASTING	DESCRIPTION
33	1129389.84100	399008.14490	FD STONE
34	1129411.75500	396365.22430	FD STONE
35	1129435.34128	393731.21318	FD STONE
36	1129453.74975	391095.96398	FD 2.5" GLO BC
37	1129498.64519	385807.04745	FD 2.5" GLO BC 1933
38	1129524.01034	383155.27836	FD 2.5" GLO BC 1933
39	1134856.24557	377916.14567	FD 2.5" GLO BC 1933
40	1134830.29700	380560.15970	FD 2.5" GLO BC 1933
41	1134802.14437	383201.11029	FD 2.5" GLO BC 1933
42	1132217.46700	377896.14350	FD 2.5" GLO BC 1933
43	1137391.12507	388532.90736	FD 2.5" GLO BC 1933
44	1118823.39523	398212.35132	FD 2.5" GLO BC 1914
45	1118816.83600	398925.26460	FD STONE
46	1118771.58500	404211.46680	FD STONE
47	1124037.13793	406890.58521	FD STONE
49	1132077.95000	393755.88270	FD STONE
50	1134752.64809	388508.81517	FD 2.5" GLO BC 1933
51	1132113.65935	388484.67740	FD 2.5" GLO BC 1933
52	1134776.14742	385852.79414	FD 2.5" GLO BC 1933
53	1137441.08357	383223.81211	FD 2.5" GLO BC 1933
55	1108524.65700	425136.74540	FD 1.5" ALUM CAP RLS 4529
56	1150336.86444	420313.92007	FD 3" GLO BC 1904 1952
57	1155672.16372	415074.13924	FD 3" BLM BC
58	1155622.78657	420355.88482	FD 3" GLO BC USGLO 1904 1952 1999
59	1155649.86510	417718.66880	FD 3" BLM BC
60	1106290.04600	425117.46150	FD 1.5" IRON PIPE TAG PE 2522
61	1097895.02092	432962.59876	FD STONE
62	1100513.51900	435630.66730	FD STONE
72	1103181.54871	433013.56640	FD STONE
83	1097966.09289	425036.30624	FD 2" ALUM. CAP LS 4529
84	1098376.69100	425039.21590	FD 3" GLO BC 1914
85	1097939.85165	427683.14332	FD STONE
86	1100606.67759	425064.07466	FD STONE
87	1101015.83500	425067.17620	FD 1" IRON PIPE ALUM TAG MARKED NE COR LOT 3 ATTACHED BRASS TAG RLS 19854
88	1103245.07100	425091.12060	FD 1¼" IRON PIPE TAG PE 2522
89	1103666.27200	425095.32630	FD 1¾" IRON PIPE TAG PE 2522
91	1100557.58880	430348.00775	FD STONE
92	1097915.28411	430322.03269	FD STONE
93	1111207.88294	425159.24078	FD 1.5" ALUM CAP LS 4529
94	1103228.34200	427732.76760	FD STONE
95	1105885.12300	425114.38410	FD ½" REBAR TAG RLS 13011
97	1108927.17100	425140.42490	FD 3" GLO BC 1914
98	1114242.48588	421934.75365	FD 2.5" GLO BC 1914
99	1114267.23282	419295.32688	FD 2.5" GLO BC 1914
100	1108956.95328	421885.32263	FD 2.5" GLO BC 1914
101	1111626.86500	419272.01880	FD 2.5" GLO BC 1914
102	1103683.92785	421829.22336	FD 2.5" GLO BC 1914
104	1108986.27600	419246.51390	FD 2.5" GLO BC 1914
105	1111676.61047	413987.40069	FD 2.5" GLO BC 1914
106	1114342.90058	411370.87717	FD 2.5" GLO BC 1914
107	1114372.73700	408730.37150	FD 2.5" GLO BC 1914
108	1114319.70400	414013.93240	FD 2.5" GLO BC 1914
109	1116960.09366	414039.88040	FD 2.5" GLO BC 1914
110	1118690.40600	414056.86990	FD 2.5" GLO BC 1914
112	1118735.89500	408774.61780	FD 2.5" GLO BC 1914
206	1150574.56600	393924.91400	FD STONE
242	1145293.31774	393876.07000	FD STONE
243	1147932.88367	393900.45635	FD STONE
244	1150574.58600	393924.06200	FD 3.5" GLO BC 1919
245	1150746.30900	375427.44520	FD 2.5" GLO BC 1919
246	1150774.02100	372794.13110	FD 3" ALUM CAP RLS 21080 2007
247	1150798.83600	370160.16700	FD 2.5" GLO BC 1919
248	1150823.45081	367522.47079	FD 2.5" GLO BC 1919
249	1140079.29500	383246.19090	FD 2.5" GLO BC 1933
250	1140105.69780	380608.10571	FD 2.5" GLO BC 1933
251	1142771.15465	377984.94927	FD 2.5" GLO BC 1933
252	1145457.70080	372723.71107	FD 2.5" GLO BC 1933
253	1148094.63555	372759.09356	FD 2.5" GLO BC 1933
254	1145409.41789	378009.44069	FD 2.5" GLO BC 1933
255	1140031.65012	388555.98190	FD 2.5" GLO BC 1933
256	1142716.61100	383267.73190	FD 2.5" GLO BC 1933
257	1145353.94187	383291.49941	FD 2.5" GLO BC 1933
258	1145379.86000	380650.57620	FD 2.5" GLO BC 1933
259	1145239.26482	399131.12960	FD STONE
260	1145133.71700	409698.00200	FD REBAR REPLACED 2.5" ALUM CAP RLS 19854
262	1150399.84666	412371.29481	FD ½" REBAR 1" CAP RLS 18214
263	1153027.76899	415052.45962	FD 3" GLO BC BLM 1904 1952
267	1150384.09182	415028.44628	FD 3" GLO BC 1952
268	1150361.44923	417671.07363	FD 3" GLO BC 1897 1952

SECTION CORNERS

PT.	NORTHING	EASTING	DESCRIPTION
309	1152980.90604	420334.66236	FD 3" GLO BC 1904 1952
367	1145096.71600	414984.85070	FD 1.5" ALUM. CAP LS 4249
369	1117013.53189	408756.76606	FD 2.5" GLO BC 1914
370	1118777.79488	403490.35884	FD 2.5" GLO BC 1914
372	1121458.17100	398944.79470	FD STONE
373	1118793.82000	401570.87500	FD STONE
374	1134723.97097	393779.93379	FD STONE
376	1145433.32599	375366.24811	FD 2.5" GLO BC 1933
377	1153004.40159	417694.59404	FD 3¼" BLM BC 1952
383	1147737.67000	415006.53060	FD 1" PIPE ATTACHED BRASS TAG RLS 19854
384	1145115.05968	412336.03896	FD ⅝" REBAR CAPPED 2.5" ALUM CAP 19854
385	1140008.04886	393829.01718	FD STONE
386	1137367.91841	393805.67046	FD STONE
387	1139955.82500	399088.27310	FD 1¼" IRON AXLE W/ SPINES RESET 2.5" ALUM CAP 19854
393	1129294.14700	409576.21000	FD STONE
411	1103203.42200	430373.63220	FD STONE
412	1134737.94100	391144.43780	FD 2.5" GLO BC 1933
413	1137416.13452	385878.27674	FD PK NAIL SHINNER RLS 25074 RESET 2.5" ALUM CAP RLS 19854
414	1109043.48100	413961.37020	FD 2.5" GLO BC 1914
418	1150695.52062	380697.49039	FD 2.5" GLO BC 1919
419	1140019.41400	391259.81880	FD 2.5" GLO BC 1933
420	1106098.26000	419214.82850	FD 2.5" GLO BC 1914
421	1108484.64400	430423.85490	FD STONE
423	1150439.53000	407092.53110	FD STONE
424	1139908.04700	404365.86560	FD STONE
427	1108505.87900	427780.51770	FD ½" REBAR TAG PE 2522
428	1105903.66500	430400.65340	FD STONE
430	1155680.21262	412430.33315	FD STONE
433	1118637.29872	420067.92228	FD 3.5" BLM BC
434	1121317.74726	414785.16804	FD STONE
435	1123958.97853	414808.09423	FD STONE
436	1123982.50900	412173.31040	FD 2.5" IRON PIPE ATTACHED BRASS TAG RLS 19854
437	1124154.94000	393710.12030	FD STONE
442	1140056.59800	385904.10800	FD 2.5" GLO BC 1933
609	1137411.98950	386318.24850	SET 3¼" ALUM CAP STAMPED W.C. C. ¼ S.14 RLS 19854
756	1137420.73568	385388.73396	SET 3¼" ALUM CAP STAMPED W.C. C. ¼ S.14 RLS 19854
757	1137206.36822	385876.25196	SET 3¼" ALUM CAP STAMPED W.C. C. ¼ S.14 RLS 19854
759	1137649.53824	385880.56009	SET 3¼" ALUM CAP STAMPED W.C. C. ¼ S.14 RLS 19854
800	1137341.24596	396423.67796	(C)
801	1137290.23481	401705.94281	(C)
802	1132007.22714	401666.11549	(C)
803	1142624.59636	396466.25532	(C)
804	1142572.37063	401747.48348	(C)
805	1147801.22705	407071.94373	(C)
806	1145160.03120	407051.33379	SET 2.5" ALUM CAP RLS 19854
807	1147757.39113	412353.66647	(C)
809	1139982.06832	396445.43095	SET 2.5" ALUM CAP RLS 19854
810	1106348.81852	419217.57748	(C)
811	1114293.46848	416654.62966	SET 2.5" ALUM CAP RLS 19854
812	1118708.79088	411415.69908	SET 2" ALUM CAP RLS 19854
813	1118731.21858	408774.56929	(C)
814	1118686.84191	414056.83492	(C)
815	1142547.19617	404385.26558	(C)
816	1139931.93623	401727.06937	(C)
817	1145266.46126	396487.07446	SET 2.5" ALUM CAP RLS 19854
818	1140019.70596	391193.81945	(C)
819	1100582.11559	427707.93688	(C)
820	1100535.56480	432988.05636	(C)
821	1105861.46986	427756.59163	(C)
822	1106322.52277	421857.29515	(C)
823	1103666.27503	425094.83219	(C)
824	1116986.81584	411398.02062	(C)
828	1126651.88146	409553.74933	(C)
829	1126675.81296	406911.00237	(C)
830	1118659.08011	417425.18032	(C)

SECTION CORNERS

PT.	NORTHING	EASTING	DESCRIPTION
832	1132138.38238	385829.92934	(C)
833	1126795.14050	393720.66674	(C)
834	1126722.82545	401626.44782	(C)
835	1121435.87507	401588.17207	(C)
836	1121390.46836	406872.38577	(C)
838	1132095.80524	391120.20053	(C)
839	1137379.52242	391169.13517	SET 2.5" ALUM CAP RLS 19854
840	1105837.80585	430399.99430	(C)
841	1142743.85198	380629.34959	(C)
842	1148070.35070	375396.62245	(C)
844	1106290.04286	425117.81447	(C)
845	1111651.74214	416629.26251	(C)
850	1132054.70711	396383.56378	(C)
854	1108927.17342	425140.11996	(C)
860	1124128.47513	396333.86864	(C)
865	1121342.48411	412156.50291	(C)
866	1126770.55273	396349.54905	(C)
867	1129318.07355	406931.44728	SET 2.5" ALUM CAP RLS 19854
868	1131983.11698	404306.64227	SET 2.5" ALUM CAP RLS 19854
869	1132163.07736	383178.19432	(C)
900	1148046.05100	378035.76342	SET 2" ALUM CAP RLS 19854
901	1118725.08442	409496.93992	SET 2" ALUM CAP RLS 19854
902	1118680.86151	414782.43836	SET 2" ALUM CAP RLS 19854
903	1150720.91500	378062.46800	SET 2" ALUM CAP RLS 19854
904	1134624.23348	404326.59998	FD STONE
905	1129341.99997	404286.68453	SET 2.5" ALUM CAP RLS 19854
906	1129365.92048	401647.41472	SET 2.5" ALUM CAP RLS 19854
907	1126699.75830	404266.72680	SET 2.5" ALUM CAP RLS 19854
908	1134672.83331	399043.03253	SET 2" ALUM CAP RLS 19854
909	1150419.94400	409690.41070	FD STONE FLUSH IN CONC
910	1134698.49516	396401.90909	SET 2" ALUM CAP RLS 19854
911	1134648.53339	401684.81626	SET 2" ALUM CAP RLS 19854
912	1132031.33729	399025.58872	SET 2" ALUM CAP RLS 19854
913	1137314.32933	399065.65284	SET 2" ALUM CAP RLS 19854
914	1137266.14029	404346.23279	SET 2" ALUM CAP RLS 19854
915	1150466.61728	404451.44223	FD STONE DISTURBED SET 2" ALUM CAP RLS 19854
916	1145186.34523	404404.66556	SET 2" ALUM CAP RLS 19854
917	1147825.49158	404428.04513	FD STONE DISTURBED SET 2" ALUM CAP RLS 19854
918	1145212.80502	401767.89758	SET 2" ALUM CAP RLS 19854
919	1124009.61578	409531.28863	SET 2" ALUM CAP RLS 19854
920	1121367.35010	409514.11428	SET 2" ALUM CAP RLS 19854
921	1147777.16109	409694.20591	SET 2" ALUM CAP RLS 19854
922	1142651.34330	393852.54947	SET 2.5" ALUM CAP RLS 19854
923	1142597.54509	399109.70137	SET 2.5" ALUM CAP RLS 19854
924	1121413.58099	404231.30001	SET 2.5" ALUM CAP RLS 19854
925	1118747.52569	406854.21196	SET 2.5" ALUM CAP RLS 19854
926	1126745.89260	398986.16885	SET 2" ALUM CAP RLS 19854
927	1118702.64290	412139.69657	SET 2" ALUM CAP RLS 19854
928	1124101.94393	398964.19280	SET 2" ALUM CAP RLS 19854
929	1124079.73028	401605.48093	SET 2" ALUM CAP RLS 19854
930	1109014.87874	416603.94206	SET 2" ALUM CAP RLS 19854
931	1124057.51662	404246.76907	SET 2" ALUM CAP RLS 19854

CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

...\ROS\093RW179_RS23.DGN

DRAWING NO.	D-13-T-477
SURVEY	MARCH 2005
DRAWN/DATE	A. GRASS/12-05
ADOT REVIEW	K. RICHMOND
amec	
ROUTE NO.: U.S. 93	LOCATION: JCT 89-Tres Alamos Rd.

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: WICKENBURG - KINGMAN

FEDERAL AID NO.: U-093-B-703

PROJECT NO.: 093 YV 179 H4871 02R

REGISTERED LAND SURVEYOR — 40622 BRYAN L. CAMPBELL — ARIZONA U.S.A. — EXPIRES: 03/31/2015

SHEET RS-23

RESULTS OF SURVEY

CALCULATED POINTS

PT.	NORTHING	EASTING	PT.	NORTHING	EASTING	PT.	NORTHING	EASTING
480	1151260.21685	415848.84462	572	1148058.55175	375396.48655	656	1138011.64394	386658.93010
481	1151470.42105	416300.69235	573	1148070.48060	375382.51363	657	1140069.04079	384447.00666
482	1151464.87842	415814.62063	574	1137416.36738	385853.50148	658	1141087.16432	383254.42294
483	1151612.36293	416131.64828	575	1137427.94684	385878.39230	659	1140063.72684	385069.29244
484	1151759.47279	416448.67162	576	1139900.21830	391192.70230	660	1141609.46153	383258.68893
485	1151648.05293	416682.52376	577	1134738.73080	391002.95750	661	1145400.36696	378818.19427
486	1151671.40895	416732.72906	578	1152562.57003	419105.71322	662	1146085.05150	378016.18585
488	1149739.57070	412105.95829	579	1150103.33726	419462.52793	663	1145407.35301	378193.94987
490	1150138.21937	413437.03728	580	1150345.11075	419427.44856	664	1145563.55706	378010.97953
491	1150185.02137	413537.64126	581	1102938.51440	429140.30258	665	1150545.73300	372791.14588
492	1107438.46715	422766.87724	582	1111638.12269	418076.11169	666	1150776.59720	372520.72202
493	1106743.94114	423580.83892	583	1112862.74788	416640.89118	667	1150778.06440	372364.98810
500	1099245.77769	432581.89972	584	1151340.32574	421019.89366	668	1150025.60049	372784.34425
501	1101305.39104	430355.25009	585	1118957.15313	409498.44834	669	1150782.46599	371897.78634
502	1101589.61225	430047.97831	586	1151773.64356	416715.41034	670	1150780.99879	372053.52026
503	1102164.30410	429426.67850	587	1152027.94208	417650.97163	672	1132078.08480	393735.99246
504	1085865.63760	415503.56694	588	1151981.10446	417161.36117	673	1120872.28444	406868.82255
505	1102688.18208	428761.97101	589	1152160.90781	419040.90995	674	1103215.71005	429071.43267
506	1103225.05817	428080.77123	590	1152517.09177	419767.03742	675	1103214.70787	429177.63878
507	1104460.71903	426512.93851	591	1151837.89151	419352.15865	676	1111641.78867	417686.66053
508	1104720.34042	426183.52538	592	1151567.36394	419316.10943	677	1112536.77915	416637.76107
509	1121384.46010	439851.09896	593	1152195.23812	419399.77696	680	1111635.92311	418309.78239
510	1104992.58406	425864.46476	594	1152202.06527	419471.14354	681	1113058.32912	416642.76925
511	1105634.48701	425112.17559	595	1125681.11632	401618.18425	682	1119153.24928	409499.72293
512	1108964.46252	421209.55362	596	1121199.00699	406871.06921	683	1125876.97434	401619.73794
513	1110625.94466	419262.35111	597	1126733.67484	400384.62022	684	1132545.67445	375857.78436
514	1114310.46163	414944.21819	598	1130158.86613	396370.40849	685	1133498.45721	377905.85353
515	1115097.71914	414021.57824	599	1132074.68389	394125.13299	686	1134828.12364	380764.05892
516	1118722.73871	409773.17433	600	1099319.18825	432649.80325	687	1135966.52479	383211.12703
517	1123441.30994	404243.16378	601	1099172.36713	432513.99619	688	1132908.34986	375689.06405
518	1124063.68130	403513.76498	602	1099135.66185	432480.04442	689	1133941.18424	377909.20943
519	1127918.60902	398995.91627	603	1100552.58174	430948.21120	690	1134837.40708	379835.69933
520	1129404.38065	397254.64070	604	1100553.20161	430873.90719	691	1136409.46328	383214.93746
521	1132387.35302	393758.69504	605	1101329.24571	430476.72854	692	1138889.52881	388546.00134
522	1121392.46399	406644.34396	606	1101480.70484	430356.94798	693	1140020.68547	390977.49692
523	1136850.55288	388527.97134	607	1101035.36961	430352.63498	694	1138446.56219	388542.13042
524	1138021.91726	387155.17075	608	1102408.75147	429623.00778	695	1140016.50763	391916.83134
525	1140066.38382	384758.14955	609	1137411.98950	386318.24850	696	1140909.81081	393837.04524
526	1141348.31293	383256.55594	610	1102227.39159	429481.05358	697	1141020.56095	393838.03121
527	1145403.85998	378506.07207	611	1102766.72153	428823.87056	698	1141352.81137	393840.98911
528	1145824.30428	378013.58269	612	1102531.10316	428638.17192	699	1141242.06123	393840.00314
529	1150285.66675	372787.74506	613	1102570.37289	428669.12169	700	1143476.31198	399116.82946
530	1150779.53160	372209.25418	614	1103227.37254	427835.50659	701	1143697.73043	399118.62549
531	1156107.53931	365968.26762	615	1103223.51525	428244.28099	702	1145206.83772	402362.55080
532	1138021.24702	387153.73003	616	1104539.25848	426574.83805	703	1146160.86661	404413.29861
533	1101041.49206	430640.55149	617	1105068.65525	425929.37374	704	1145202.18005	402826.69631
534	1102377.73662	429583.79038	618	1104342.90984	426420.08919	705	1145939.37087	404411.33643
535	1104154.88783	431830.94785	619	1104878.47728	425767.10130	706	1148617.03769	409692.99980
536	1103641.91024	429012.28910	620	1105438.77479	425110.45102	707	1150393.09062	413510.74231
537	1103215.20952	429124.47638	621	1105764.96182	425113.32530	708	1151102.17643	415034.96887
538	1101401.07583	430356.17679	622	1108967.06435	420975.41151	709	1148396.60204	409693.31636
539	1152916.45770	420334.15677	623	1108968.79889	420819.31678	710	1150390.31462	413978.93259
540	1132727.01216	375773.42421	624	1108962.72798	421365.64836	711	1150880.65745	415032.95674
541	1133719.82073	377907.53148	625	1108961.86070	421443.69572	712	1151864.31242	416673.23026
542	1134832.84984	380300.06072	626	1110299.99146	419259.20280	713	1152127.48763	417641.44880
543	1136187.99404	383213.03224	627	1110821.51658	419264.24009	714	1151682.97471	416757.59042
544	1138668.04550	388544.06588	628	1114314.33327	414554.52600	715	1151928.39654	417660.49446
545	1140018.58536	391447.14008	629	1114771.81243	414018.37545	716	1149176.17223	417923.78061
546	1141131.31109	393839.01718	630	1114308.13865	415178.03351	717	1152131.82881	417686.82876
547	1143587.02120	399117.72748	631	1115293.26317	414023.49992	718	1152981.78031	420236.42517
548	1145204.50888	402594.62356	632	1118720.75662	410006.59014	719	1153083.12705	420499.47116
549	1146050.11874	404412.31752	633	1118726.04221	409384.14798	720	1153271.60357	421130.65027
550	1148506.81987	409693.15808	634	1123114.30290	404241.25054	721	1152861.59018	420333.74532
551	1150391.70262	413744.83745	635	1124066.95276	403124.77618	722	1152806.36395	420333.31166
552	1150991.41694	415033.96280	636	1123637.51417	404244.31173	723	1152891.49018	420556.69635
553	1151631.83019	416410.57318	637	1124061.71843	403747.15826	724	1152585.55439	419694.14798
554	1138717.18349	386338.54162	638	1127592.28384	398993.20391	725	1153079.96811	421187.87504
555	1141241.17964	421244.41027	639	1129407.60554	396865.70647	726	1152177.70067	418166.34369
556	1138530.56929	386573.24877	640	1128114.40413	398997.54368	727	1101442.79113	429912.17125
557	1138356.43947	387849.44094	641	1121395.86948	406255.19808	728	1100549.48242	431319.73125
558	1153175.78584	421159.26265	642	1132061.24618	393755.72677	729	1103307.77808	427733.48633
559	1100550.72215	431171.12323	643	1134740.89411	390615.26739	730	1103623.83566	427736.34596
560	1103497.41263	427735.20211	644	1132583.01920	393760.47355	731	1150096.15784	419413.04605
561	1152987.30791	420528.08397	645	1134737.45842	391235.54152	732	1150110.51667	419512.00980
562	1151093.51965	419318.86050	646	1136524.45405	388524.99370	733	1150788.99374	419312.52119
563	1106297.84348	424334.74358	647	1137046.21218	388529.75793	734	1106296.29065	424490.62535
564	1108392.97138	421879.32247	648	1137111.43194	388530.35345	735	1106300.17272	424100.92093
565	1116982.62308	411812.53271	649	1137644.85317	387905.20129	736	1108197.56155	421877.24353
566	1117333.27726	411401.57753	650	1138050.28301	387690.30227	737	1108523.24460	421880.70844
567	1134618.94185	391143.34619	651	1137422.82093	387472.13721	738	1116986.56563	411422.75742
568	1137397.20728	387887.31033	652	1137691.57302	386919.23158	739	1116980.25756	412046.39789
569	1139096.08680	385894.71146	653	1138545.60180	387784.49780	740	1117007.49158	411398.23289
570	1142733.47889	381634.03536	654	1138695.41861	386686.49498	741	1117528.74867	411403.58431
571	1143585.40628	380636.12626	655	1139711.22008	387384.31811	742	1134292.85469	391140.35488
743	1134814.58267	391145.15443	887	1105854.28814	428558.82939			
744	1137394.27202	388198.87417	888	1105853.37675	428660.63785			
745	1137400.87636	387497.85553	889	1108927.07083	428050.42419			
746	1138835.29529	385892.16018	890	1142352.53178	396464.11132			
747	1139356.87831	385897.26275	891	1142618.76198	397036.39062			
748	1142736.69815	381322.23384	892	1144818.48925	401764.84899			
749	1142730.25963	381945.83689	893	1147285.53205	407067.91963			
750	1143324.23217	380634.02314	894	1147791.28657	408155.07223			
751	1143846.58039	380638.22938	895	1149750.70189	412366.96424			
752	1147798.14289	375393.48705	897	1152031.28669	417685.93400			
753	1148318.96062	375399.48604	898	1105853.83245	428609.73362			
754	1148067.61351	375693.90264	899	1108503.09118	428127.58573			
755	1148073.34769	375071.12463						
756	1137420.73568	385388.73396						
757	1137206.36822	385876.25196						
758	1121395.04052	406872.41721						
759	1137649.53824	385880.56009						
760	1139678.67178	391190.63096						
761	1102612.83530	429357.27590						
762	1103632.95762	428963.09712						
763	1103650.86286	429061.48108						
764	1150803.35258	419411.48494						
765	1150791.14757	419327.36575						
766	1150801.19876	419396.64038						
767	1151098.54524	419353.49782						
768	1151088.49405	419284.22319						
769	1151100.69896	419368.34165						
770	1151086.34033	419269.37936						
771	1151668.39599	419281.73981						
772	1151668.87747	419228.75270						
773	1151851.10028	419253.03485						
774	1152061.36227	419050.43278						
775	1150345.58137	419376.85672						
776	1150344.64012	419478.04039						
777	1153301.61515	418931.78641						
778	1151875.73172	419068.19076						
779	1152260.45283	419031.38160						
780	1121390.42070	406877.83149						
781	1125354.68628	401615.59478						
782	1126737.07461	399995.48105						
783	1126731.63498	400618.10373						
784	1129402.44572	397488.00124						
785	1130354.88924	396371.76870						
786	1129832.16095	396368.14147						
787	1132072.61836	394358.64658						
788	1142241.83450	396463.23897						
789	1142463.22906	396464.98366						
790	1142621.13586	396804.41471						
791	1142616.38809	397268.36653						
792	1144929.17883	401765.70477						
793	1144707.79968	401763.99321						
794	1147174.83875	407067.05586						
795	1147396.22534	407068.78340						
796	1147793.42028	407922.58004						
797	1147789.15286	408387.56442						
798	1149861.33670	412367.70230						
799	1149640.06707	412366.22617						
831	1152406.66558	418933.10598						
837	1098884.81075	432972.14136						
843	1152249.32979	418915.10849						
846	1138313.07454	386503.86588						
847	1138869.29234	386468.39883						
848	1138654.69137	388041.20282						
849	1138473.35367	388125.56298						
881	1151930.74457	417685.03925						
882	1153025.30131	420335.01899						
883	1105854.28814	428558.82939						
884	1105853.37675	428660.63785						

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GENERAL NOTES

FIVE NGS CONTROL STATIONS WERE USED TO ESTABLISH THE CONTROL BASELINE FOR THIS SURVEY AND THEY ARE AS FOLLOWS:

ETO976 (93 180 65) NAD 83(1992) 34°08'39.02160" (N) 112°58'51.32150" (W)
Grid Coordinates N 1,145,525.16428 E 377,995.62978
Ground Coordinates (Pt. 27) N 1,145,668.66235 E 378,042.98053

ETO971 (93 190 05) NAD 83(1992) 34°03'23.11010" (N) 112°51'20.06485" (W)
Grid Coordinates N 1,113,219.04423 E 415,629.54597
Ground Coordinates (Pt. 20) N 1,113,358.49537 E 415,681.61105

ETO970 (93 193 35) NAD 83(1992) 34°01'33.96329" (N) 112°48'34.64412" (W)
Grid Coordinates N 1,102,061.47701 E 429,450.83723
Ground Coordinates (Pt. 23) N 1,102,199.53047 E 429,504.63367

ETO967 (GEORGE) NAD 83(1992) 34°09'46.55851" (N) 112°50'41.00887" (W)
Grid Coordinates N 1,151,950.00355 E 419,267.60758
Ground Coordinates (Pt. 17) N 1,152,094.30645 E 419,320.12839

ETO973 (SOL) NAD 83(1992) 34°05'10.06711" (N) 112°53'46.31647" (W)
Grid Coordinates N 1,124,146.17888 E 403,428.27482
Ground Coordinates (Pt. 19) N 1,124,286.99884 E 403,478.81147

THE FOLLOWING PARAMETERS WERE SET FOR THE BASIS OF THIS SURVEY:

SYSTEM: UNITED STATES STATE PLANE 1983
ZONE: ARIZONA CENTRAL 0202
DATUM: NORTH AMERICAN 1983 (CONUS) EQUIVALENT TO WGS-84
GEOID MODEL: GEOID03 (CONTINENTAL US)

UNITS = INTERNATIONAL FEET (1 FOOT = 0.3048 METERS EXACTLY)

TO DENSIFY HORIZONTAL CONTROL AN ADDITIONAL FOUR CONTROL POINTS WERE SET BY AMEC WITHIN THE LIMITS OF THIS PROJECT USING STATIC GPS METHODS.

DIRECT SATELLITE OBSERVATIONS WERE MADE ON EACH POINT ON THE NORTH AMERICAN DATUM OF 1983 WITH AUTOMATIC TRANSLATIONS MADE TO THE STATE PLANE GRID SYSTEM.

GPS CALIBRATION AND TRANSLATION TO THE SURFACE WAS PERFORMED BY GPS SURVEY SOFTWARE A GRID ADJUSTMENT FACTOR OF 1.000125268 AND SCALE ORIGIN VALUES OF NO.000, EO.000 WERE USED FOR THE TRANSLATION TO THE SURFACE. THE GRID ADJUSTMENT FACTOR WAS DETERMINED BY CALCULATING THE MEAN SCALE FACTOR OF THE PROJECT AREA AND HOLDING THE MEAN PROJECT ELEVATION AT EACH POINT, BASED ON THE NGS CONTROL STATIONS LISTED ABOVE

ALL BEARINGS ARE GRID BEARINGS, DISTANCES ARE GROUND DISTANCES AND COORDINATES ARE GROUND COORDINATES.

MONUMENT VERIFICATION AND ACCEPTANCE:

THE MONUMENTATION SHOWN ON THIS 'RESULTS OF SURVEY' WAS BASED ON AN OBSERVATION AND EVALUATION OF PHYSICAL CORROBORATING EVIDENCE IN THE FIELD; AND A REVIEW AND ANALYSIS OF EXISTING DRAWING, PLATS, AND NOTES READILY AVAILABLE AT THE TIME THE SURVEY WAS PREPARED.

THIS RESULTS OF SURVEY IS ON FILE IN THE FILE ROOM OF THE RIGHT OF WAY PLANS SECTION OF THE ARIZONA DEPARTMENT OF TRANSPORTATION, 205 SOUTH 17TH AVENUE, MD 612E, PHOENIX, AZ 85007. (602) 712-7270. SEE ADOT R/W FILE COPY FOR MOST CURRENT ADDITIONS OR REVISIONS.

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CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-13-T-477
SURVEY	MARCH 2005
DRAWN/DATE	A. GRASS/12-05
ADOT REVIEW	K. RICHMOND

amec

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: WICKENBURG - KINGMAN
FEDERAL AID NO.: U-093-B-703
PROJECT NO.: 093 YV 179 H4871 02R
ROUTE NO.: U.S. 93
LOCATION: JCT 89-Tres Alamos Rd.

REGISTERED LAND SURVEYOR — 40622 — BRYAN L. CAMPBELL — 10-4-16 — ARIZONA U.S.A. — EXPIRES: 03/31/2015

SHEET RS-24

RESULTS OF SURVEY

EXISTING R/W MONUMENTATION

U.S. 93

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
73	1101035.25240	430352.82860	FD 3" AHD BC	155+54.12	199.95 LT
74	1100863.80750	430540.86760	FD 3" AHD BC	152+99.66	198.13 LT
75	1100552.89570	430874.20960	FD 3" AHD BC	148+43.83	200.02 LT
76	1100552.18160	430948.54790	FD 3" AHD BC	147+88.78	150.07 LT
77	1099880.43300	431674.82880	FD 3" AHD BC	137+99.47	150.03 LT
78	1099135.74930	432480.04320	FD 3" AHD BC	127+02.69	149.94 LT
79	1099172.40650	432514.03260	FD 3" AHD BC	127+02.63	99.95 LT
114	1101442.83800	429912.21040	FD 3" AHD ALUM CAP RAISED 0.30'	161+54.35	199.94 LT
115	1102531.14700	428638.16610	FD 3" AHD ALUM CAP RAISED 0.30'	178+46.17	199.97 LT
116	1102570.34400	428669.10700	FD 3" AHD ALUM CAP RAISED 0.20'	178+46.13	150.03 LT
117	1103227.79700	427834.93330	FD 3" AHD ALUM CAP RAISED 0.20'	189+08.24	150.02 LT
118	1103696.31500	427240.27520	FD 3" AHD ALUM CAP RAISED 0.10'	196+65.30	150.14 LT
119	1103853.24300	427041.48080	FD 3" AHD ALUM CAP RAISED 0.40'	199+18.56	149.94 LT
120	1104342.93600	426420.17920	FD 3" AHD ALUM CAP RAISED 0.20'	207+09.65	149.92 LT
121	1105439.09000	425110.24290	FD 3" AHD ALUM CAP RAISED 0.10'	224+12.01	149.90 LT
126	1106664.81900	423673.49530	FD 3" AHD ALUM CAP RAISED 0.40'	243+00.57	150.05 LT
127	1106744.01100	423580.89780	FD 1½" ALUM CAP RAISED 0.20' RLS 24514	244+22.42	149.91 LT
130	1102227.22300	429481.15180	FD 3" AHD ALUM CAP RAISED 0.30' MP 193.35	169+99.69	99.94 RT
131	1102766.61300	428823.79890	FD 3" AHD ALUM CAP RAISED 0.40'	178+46.12	99.87 RT
133	1103998.05800	427261.51540	FD 3" AHD ALUM CAP RAISED 0.10'	198+35.39	99.99 RT
134	1104136.65400	427085.63310	FD 3" AHD ALUM CAP RAISED 0.10'	200+59.32	99.98 RT
135	1104539.29400	426574.81600	FD 3" AHD ALUM CAP RAISED 0.20'	207+09.74	100.01 RT
138	1105068.70600	425929.41400	FD 3" AHD ALUM CAP RAISED 0.40'	215+48.45	100.06 RT
139	1105765.37100	425113.15830	FD 3" AHD ALUM CAP RAISED 0.20'	226+21.58	100.20 RT
142	1106854.89400	423835.82560	FD 3" AHD ALUM CAP RAISED 0.30'	243+00.46	99.91 RT
146	1107438.54900	422766.86780	FD 1" PLASTIC CAP RAISED 0.10' HAYWOOD LS 13941	254+92.47	149.94 LT
150	1107833.47600	422304.53280	FD 3" AHD ALUM CAP RAISED 0.50'	261+00.52	149.62 LT
158	1108971.42300	420816.49290	FD AHD CONC COLLAR ALUM CAP GONE	279+71.12	249.84 LT
159	1109769.64100	419881.29910	FD 3" AHD BC RAISED 0.30' 1995 MP 191.1	292+00.65	249.65 LT
160	1110807.46800	418664.31720	FD 3" AHD BC RAISED 0.70' CONC COLLAR LOOSE	308+00.06	250.09 LT
161	1113079.55700	416001.25010	FD 3" AHD BC RAISED 0.40'	343+00.68	250.26 LT
162	1114313.80400	414555.15080	FD 3" AHD BC RAISED 0.30'	362+01.88	250.00 LT
163	1114771.36000	414018.76870	FD 3" AHD BC FLUSH	369+06.91	250.09 LT
164	1115871.23800	412728.90960	FD 3" AHD BC RAISED 0.40'	386+02.04	250.63 LT
165	1116878.10200	411549.83680	FD 3" AHD BC RAISED 0.60' 1995 MP 189.02	401+52.52	250.02 LT
166	1117689.04300	410599.22340	FD 3" AHD BC RAISED 0.50'	414+02.04	250.16 LT
167	1118814.94800	409279.04340	FD 3" AHD BC RAISED 0.60'	431+37.13	250.59 LT
168	1119636.93900	408316.72050	FD 3" AHD BC RAISED 0.60'	444+02.72	249.93 LT
169	1120805.42800	406947.47500	FD 3" AHD BC RAISED 0.30' 1995 MP 187.9	462+02.78	249.81 LT
170	1121909.00700	405653.99680	FD 3" AHD BC RAISED 0.40'	479+03.06	249.88 LT
171	1123141.96500	404209.06760	FD 3" AHD BC RAISED 0.40' 1995 MP 187.2	498+02.54	249.85 LT
172	1124067.47400	403123.91360	FD 3" AHD BC RAISED 0.50'	512+28.77	250.16 LT
173	1124180.90700	402991.02070	FD 3" AHD BC RAISED 0.40' 1995 MP 186.9	514+03.49	250.13 LT
175	1108023.51600	422466.88310	FD 3" AHD BC RAISED 0.40'	261+00.37	100.33 RT
177	1108961.76400	421443.65520	FD 3" AHD BC RAISED 0.40'	274+87.76	149.90 RT
178	1108963.04100	421365.19660	FD 3" AHD BC RAISED 0.40'	275+48.27	99.94 RT
179	1110073.67300	420140.89470	FD 3" AHD BC RAISED 0.40'	292+00.52	150.13 RT
180	1111111.94800	418923.75550	FD 3" AHD BC RAISED 0.30'	308+00.34	149.93 RT
181	1112280.25100	417554.56030	FD 3" AHD BC RAISED 0.40'	326+00.24	149.94 RT
182	1113383.83500	416260.79970	FD 3" AHD BC RAISED 0.40'	343+00.74	149.68 RT
183	1114306.84900	415179.31840	FD 3" AHD BC RAISED 0.40'	357+22.56	149.85 RT
184	1115293.00200	414023.77110	FD 3" AHD BC RAISED 0.40'	372+41.70	149.98 RT
185	1116175.45600	412988.66680	FD 3" AHD BC RAISED 0.40'	386+01.90	149.39 RT
186	1117184.12900	411806.41890	FD ANGLE IRON & FENCE LINE	401+55.97	149.32 RT
187	1117993.29500	410858.84200	FD 3" AHD BC RAISED 0.20'	414+02.03	149.80 RT
188	1118809.92200	409902.38510	FD 3" AHD BC RAISED 0.40'	426+59.68	150.19 RT
189	1119941.12400	408576.31710	FD 3" AHD BC RAISED 0.40'	444+02.69	149.97 RT
190	1121109.65400	407207.08400	FD 3" AHD BC RAISED 0.30'	462+02.76	150.13 RT
191	1122213.12600	405913.89470	FD 3" AHD BC RAISED 0.50' LOOSE	479+02.76	150.16 RT
192	1123446.25300	404468.65150	FD 3" AHD BC RAISED 0.60'	498+02.58	150.12 RT
193	1125413.71000	401546.31070	FD 3" AHD BC RAISED 0.60'	533+02.70	250.07 LT
194	1126452.44000	400328.95740	FD 3" AHD BC RAISED 0.30' 1995 MP 186.24	549+02.98	250.07 LT
195	1127591.98900	398993.53670	FD 3" AHD BC RAISED 0.70'	566+58.52	250.01 LT
196	1128399.60200	398046.55100	FD 3" AHD BC RAISED 0.40'	579+03.12	250.33 LT
197	1129406.51100	396867.07220	FD 3" AHD BC RAISED 0.50'	594+53.94	249.95 LT
198	1130218.42900	395916.06440	FD 3" AHD BC RAISED 0.40' 1995 MP 185.17	607+04.39	249.60 LT
199	1131192.33400	394774.48170	FD 3" AHD BC RAISED 0.60'	622+04.95	249.73 LT
200	1132061.27000	393755.56080	FD 3" AHD BC RAISED 0.50'	635+44.08	250.09 LT
201	1133269.04000	392340.69230	FD 3" AHD BC RAISED 0.20' 1995 MP 184.22	654+04.33	249.70 LT
202	1134740.78600	390615.74370	FD 3" AHD BC RAISED 0.40'	676+71.82	249.77 LT
203	1135671.10900	389524.47540	FD 3" AHD BC RAISED 0.30'	691+05.82	250.40 LT
204	1136523.99300	388525.01220	FD 3" AHD BC RAISED 0.30'	704+19.72	250.34 LT
205	1137423.40000	387470.94500	FD 3" AHD BC RAISED 0.40' 1995 MP 183.02	718+05.36	250.33 LT
207	1137564.52700	387181.90480	FD 1" PIPE RAISED 1.10' NO CAP OR TAG	721+16.84	330.59 LT
209	1125718.01400	401806.00540	FD 3" AHD BC RAISED 0.60'	533+02.66	149.98 RT
210	1126757.00600	400588.31960	FD 3" AHD BC RAISED 0.60'	549+03.37	149.97 RT
211	1128114.17600	398997.88130	FD 3" AHD BC RAISED 0.60'	569+94.16	150.05 RT
212	1128704.24700	398306.06460	FD 3" AHD BC RAISED 0.50'	579+03.44	149.87 RT
213	1129402.13700	397488.55600	FD 3" AHD BC RAISED 0.50'	589+78.33	150.13 RT
214	1130522.08900	396176.02990	FD 3" AHD BC RAISED 0.30'	607+03.73	150.14 RT
215	1131496.05300	395034.66340	FD 3" AHD BC RAISED 0.40'	622+04.17	150.20 RT
216	1132582.95700	393760.38360	FD 3" AHD BC RAISED 0.50'	638+79.03	149.89 RT
217	1133573.29400	392600.14750	FD 3" AHD BC RAISED 0.40'	654+04.45	150.16 RT
218	1134737.35200	391234.91950	FD 3" AHD BC RAISED 0.10'	671+98.57	149.52 RT
219	1135975.27800	389784.31290	FD 3" AHD BC RAISED 0.60'	691+05.59	149.65 RT
220	1137045.85700	388529.82860	FD 3" AHD BC RAISED 0.50' 1995 MP 183.25	707+54.80	149.78 RT
221	1137088.83500	388530.15650	FD 3" AHD BC RAISED 0.40'	707+82.44	182.68 RT
222	1137644.52000	387905.37810	FD 3" AHD BC RAISED 0.10'	716+18.41	199.86 RT
228	1139832.51900	385340.79310	FD 3" AHD BC FLUSH 1964*	495+71.12	200.44 RT
229	1140063.70600	385069.93250	FD 3" AHD BC RAISED 0.80' 1956	499+27.23	200.40 RT
230	1143032.07200	381591.65940	FD 3" AHD BC RAISED 0.60' 1956	544+99.93	199.58 RT
231	1144330.34000	380069.88620	FD 3" AHD BC RAISED 0.80' 1956	565+00.25	198.90 RT
232	1145400.41100	378814.12550	FD 3" AHD BC RAISED 0.60'	581+50.10	197.39
233	1146083.43000	378015.86550	FD 3" AHD BC RAISED 0.60' 1956	592+00.68	198.56 RT
234	1147577.53000	376266.49000	FD 3" AHD BC RAISED 0.30' 1956	615+01.26	199.04 RT
235	1148876.18600	374745.51980	FD 3" AHD BC RAISED 0.30' 1956	635+01.22	199.18 RT
236	1150544.99800	372791.79730	FD 3" AHD BC RAISED 0.50'	660+70.65	199.86 RT
237	1150776.46900	372520.65890	FD 3" AHD BC RAISED 0.40' 1956	664+27.16	199.86 RT
241	1124062.48900	403746.32020	FD 3" AHD BC FLUSH 1956	507+52.06	150.04 RT
349	1150780.86400	372054.18050	FD 3" AHD BC RAISED 0.40'	667+84.79	99.67 LT
351	1150027.83900	372781.11360	FD 3" AHD BC RAISED 0.50'	657+42.99	200.40 LT
352	1148572.09200	374485.80920	FD 3" AHD BC RAISED 0.40'	635+01.30	200.72 LT
353	1147273.44700	376006.81950	FD 3" AHD BC RAISED 0.40'	615+01.31	200.83 LT
354	1145561.87400	378010.92010	FD 3" AHD BC RAISED 0.40' 1956	588+65.81	201.32 LT
355	1145407.34500	378193.98860	FD 3" AHD BC RAISED 0.40' 1956	586+26.24	199.98 LT
356	1144026.05900	379810.32890	FD 3" AHD BC AISED 0.40' 1956	565+00.09	201.04 LT
357	1142727.81700	381331.98360	FD 3" AHD BC RAISED 0.40' 1956	544+99.88	200.42 LT
358	1141087.47200	383254.38590	FD 3" AHD BC RAISED 0.40' 1956	519+72.75	199.79 LT
359	1138565.60200	386209.71310	FD AHD CONC BASE NO BC RAISED 0.40'	480+87.68	198.93 LT
360	1138313.22800	386504.40690	FD 3" AHD BC RAISED 0.40'	476+99.69	199.53 LT
361	1138070.56500	386629.88870	FD 3" AHD BC RAISED 0.50'	474+46.70	302.61 LT

S.R. 71

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
208	1137691.56100	386919.25610	FD 3" AHD BC RAISED 0.60'	723+99.10	404.44 LT
223	1138050.35400	387690.26480	FD 3" AHD BC RAISED 0.10'	720+45.47	368.96 RT
269	1138446.71400	388541.72110	FD RAILROAD RAIL RAISED 2.10'	1006+89.44	199.69 RT
270	1140909.93700	393836.67930	FD RAILROAD RAIL RAISED 1.90'	1065+29.31	199.73 RT
271	1142464.42300	396941.46360	FD 3" BRONXE CAP RAISED 0.05' 1951	1100+00.07	99.90 RT
272	1143480.41300	399125.33980	FD 3" AHD BC FLUSH 1951	1124+08.71	99.87 RT
274	1145199.58200	402820.76960	FD 3" AHD BC RAISED 0.10' 1951	1164+84.46	99.86 RT
275	1147420.12500	407594.60730	FD 3" AHD BC FLUSH 1951	1217+49.47	100.12 RT
276	1148279.05100	409428.20080	FD 3" AHD BC RAISED 0.50' 1974	1237+74.26	94.76 RT
277	1148396.14100	409692.22900	FD ½" REBAR RAISED 0.53' NO CAP OR TAG	1240+63.04	99.96 RT
278	1148409.39100	409721.18470	FD 3" AHD BC FLUSH	1240+94.88	100.16 RT
280	1150184.05300	413534.86420	FD 1" PLASTIC CAP FLUSH LS 5036	1283+01.26	99.71 RT
281	1150390.99100	413979.44060	FD ANGLE IRON NO VISABLE CAP	1287+91.64	99.60 RT
282	1150566.87300	414358.69400	FD 3" BC FLUSH YAV. CO. 2001	1292+09.69	100.10 RT

Y* LINE

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
224	1138541.58800	387773.99690	FD 3" AHD BC IN CONC PILLAR RAISED 0.30' 1956	464+65.32	199.56 RT
225	1138688.25700	386697.68920	FD 3" AHD BC IN CONC PILLAR RAISED 0.30' 1956 DISTURBED	477+72.74	200.36 RT
226	1138796.27500	386555.14650	FD 2" ALUM CAP RAISED 0.10' HOLM QUIST RLS 25074	479+71.63	200.20 RT
227	1138869.36600	386469.55070	FD 3" AHD BC RAISED 0.40' 1956	480+87.35	200.80 RT

EXISTING R/W MONUMENTATION

S.R. 71

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
287	1150594.71800	414418.54940	FD 3" BC FLUSH YAV. CO. 2001	1292+75.70	100.10 RT
325	1151102.20800	415034.80440	FD ½" REBAR FLUSH NO CAP OR TAG	1300+48.52	100.10 LT
326	1150776.52300	414334.05300	FD 3" BC FLUSH YAV. CO. 2001	1292+75.78	100.38 LT
331	1150748.67000	414274.15480	FD 3" BC FLUSH YAV. CO. 2001	1292+09.72	100.39 LT
332	1150393.11200	413510.68470	FD 1" PLASTIC CAP LS 18214	1283+67.52	100.04 LT
338	1148630.57300	409722.79410	FD 3" AHD BC RAISED 0.30' 1951	1241+89.64	99.71 LT
339	1148616.52200	409691.84560	FD ⅞" IRON PIPE RAISED 0.10' NO TAG	1241+55.65	100.02 LT
340	1148131.65700	408648.75430	FD 3" AHD BC FLUSH IN CONC CATTLE GUARD 1951	1230+05.38	100.37 LT
341	1147601.30600	407510.48720	FD 3" AHD BC DOWN 0.20' 1951	1217+49.62	99.63 LT
342	1146159.60000	404410.82420	FD 3" AHD BC FLUSH 1951	1183+31.08	99.90 LT
343	1145204.83400	402358.13490	FD 3" AHD BC FLUSH 1951	1160+67.21	100.05 LT
344	1143701.26500	399126.07240	FD 3" AHD BC DOWN 0.60' 1951	1125+02.53	100.06 LT
345	1142645.62000	396857.14410	FD 3" AHD BC DOWN 0.20' 1951	1100+00.04	99.96 LT
346	1141241.76300	393839.95640	FD 3" AHD BC DOWN 0.40' 1951	1066+72.25	99.75 LT
347	1140019.80900	390976.80270	FD RAILROAD RAIL RAISED 2.00' NO TAG	1035+60.84	199.50 LT
348	1138655.21500	388042.13640	FD 3" AHD BC 1956	1003+24.42	200.08 LT
362	1137590.09900	385752.94130	FD RAILROAD RAIL RAISED 2.00' NO TAG	977+99.57	199.94 LT
363	1132821.96400	375504.68690	FD RAILROAD RAIL RAISED 1.50' NO TAG	864+96.39	199.45 LT
364	1132462.25100	375679.70410	FD RAILROAD RAIL RAISED 2.50' NO TAG	855+03.35	200.53 RT
365	1132546.24400	375857.51950	FD RAILROAD RAIL RAISED 2.30' NO TAG	867+00.00	199.37 RT
366	1137227.92000	385922.00900	FD RAILROAD RAIL RAISED 2.30' NO TAG	978+00.09	199.76 RT

S.R. 89

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
63	1101734.08490	430156.53340	FD 4X4 ADOT WOOD POST MARKED HWY ROW	497+08.57	49.98 LT
64	1102314.79930	429697.52730	FD 4X4 ADOT WOOD POST MARKED HWY ROW	489+68.36	50.17 LT
65	1102408.77620	429622.80060	FD 4X4 ADOT WOOD POST MARKED HWY ROW	488+48.29	49.85 LT
66	1150110.55150	419512.06960	FD ½" REBAR W/ CAP STAMPED HOLMQUIST RLS 25074	1472+99.56	50.06 LT
67	1150680.12680	419429.65680	FD ½" REBAR NO TAG	1467+24.05	50.29 LT
68	1152666.72420	420006.12180	FD ½" REBAR NO TAG	1444+73.13	49.39 LT
80	1150649.68100	419348.09920	FD ½" REBAR NO TAG	1467+42.47	34.79 RT
81	1150733.99470	419335.89670	FD ½" REBAR W/ CAP STAMPED HOLMQUIST RLS 25074	1466+57.28	34.76 RT
295	1151593.99400	419269.70570	FD ⅝" REBAR IN CONC RAISED 0.05' NO CAP OR TAG	1458+03.97	49.63 RT
297	1151455.95400	419255.00740	FD ⅝" REBAR IN CONC RAISED 0.10' NO CAP OR TAG	459+38.92	49.83 RT
299	1151274.59000	419252.76030	FD 1¼" PLASTIC CAP DOWN 0.10' HOLM QUIST RLS 25074	461+15.28	49.51 RT
300	1151041.19700	419286.53670	FD 1¼" PLASTIC CAP FLUSH HOLM QUIST RLS 25074	463+46.18	39.50 RT
301	1151301.49600	419351.87460	FD ½" REBAR RAISED 0.50' NO CAP OR TAG	460+91.38	50.37 LT
302	1151977.68500	419477.92700	FD 1¼" PLASTIC CAP DOWN 0.30' HOLM QUIST RLS 25074	1453+77.67	50.35 LT
305	1152077.80200	419523.20080	FD 1¼" PLASTIC CAP DOWN 0.20' HOLM QUIST RLS 25074	452+64.45	50.32 LT
306	1152531.15200	419851.07150	FD 1¼" PLASTIC CAP FLUSH HOLM QUIST RLS 25074	446+85.37	50.25 LT
307	1152809.58100	420333.36910	FD 3" AHD BC RAISED 0.40' 1969	441+02.75	97.11 LT
308	1152852.81200	420333.59850	FD 3" AHD BC FLUSH 1969	1440+83.60	57.94 LT
310	1153033.91500	420335.08890	FD 3" AHD BC RAISED 0.30' 1969	1440+11.89	107.96 RT
311	1152982.48600	420162.55860	FD 3" AHD BC FLUSH	1441+78.45	133.64 RT
313	1152361.92100	419700.73410	FD ½" REBAR W/ CAP STAMPED HOLM QUIST RLS 25074	1449+18.74	50.36 LT

A LINE

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
288	1151686.34000	416754.63790	FD 3" AHD ALUM CAP FLUSH 1984	1318+56.98	90.77 RT
289	1151930.75200	417684.96040	FD ⅝" REBAR RAISED 0.20' NO CAP OR TAG	1328+57.35	99.99 RT
291	1152044.32100	418872.13370	FD 3" AHD BC DOWN 0.10' 1951	1340+49.95	99.98 RT
317	1152247.27600	418893.83910	FD 3" AHD BC DOWN 0.10' 1951	1340+90.88	99.98 LT
318	1152101.26700	417643.25440	FD 3" AHD ALUM CAP FLUSH 1984	1328+32.09	73.73 LT
323	1151864.59400	416671.66980	FD 3" AHD BC FLUSH 1951	1318+51.20	105.76 LT

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CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	0-13-T-477
SURVEY	MARCH 2005
DRAWN/DATE	A. GRASS/12-05
ADOT REVIEW	K. RICHMOND

amec

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: WICKENBURG - KINGMAN
FEDERAL AID NO.: U-093-B-703
PROJECT NO.: 093 YV 179 H4871 02R
ROUTE NO.: U.S. 93
LOCATION: JCT 89-Tres Alamos Rd.

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
40622
BRYAN L. CAMPBELL
10-4-05
ARIZONA U.S.A.
EXPIRES: 03/31/2006

SHEET RS-25

RESULTS OF SURVEY

AMEC SURVEY CONTROL POINTS

The points shown below were used to establish local secondary project control, based on the control stations shown in the general notes.

PT.	NORTHING	EASTING	DESCRIPTION
400	1134030.86268	378108.22461	SET 3½ ADOT BC FLUSH ID U 093-B-703 PROJ 093 YV 179 LS 15573 2005 (TYPICAL ALL)
401	1118969.58545	409714.97091	
402	1130949.13281	395675.33475	
403	1137200.37638	388367.36252	
404	1150652.87539	372660.91418	
405	1144767.39399	401423.30124	
406	1151447.12536	415775.73329	

MISCELLANEOUS MONUMENTATION

PT.	NORTHING	EASTING	DESCRIPTION
261	1148405.54767	409709.91834	FD 3½" BC U.S.D.I. "1-HLS" 1966
350	1150318.98837	372597.58288	FD 3" BC ID 9308 ADOT PROJ U 093-B-702 LS 21080 2005
392	1140034.88495	384949.86626	FD ⅝" REBAR W/PUNCH
5014	1118793.79119	401570.70466	FD 1¾" IRON PIPE

PUBLIC INFORMATION USED IN PREPARATION OF SURVEY

YAVAPAI COUNTY RECORDER'S OFFICE

SEC.	TWP.	RNG.	BOOK	PAGE	DESCRIPTION
13	8N	6W	33	100	VISTA ROYALE SUBDIVISION UNIT "A" OF PHASE ONE
13	8N	6W	37	72	VISTA ROYALE SUBDIVISION UNIT "B" OF PHASE ONE
13	8N	6W	48	1	VISTA ROYALE SUBDIVISION OF PHASE III
3	9N	6W	17	37	PASO DEL SOL
3	9N	6W	28	97	CONGRESS VILLAGE
35	10N	6W	20	57	CHAPARRAL ESTATES NO ONE
35	10N	6W	20	54	HACIENDA HEIGHTS
35	10N	6W	20	53	BROUGH SUBDIVISION NO 1
35	10N	6W	15	12	DECK SUBDIVISION NO 5
35	10N	6W	15	11	DECK SUBDIVISION NO 4
35	10N	6W	10	91	DECK SUBDIVISION NO 3
35	10N	6W	5	25	DECK SUBDIVISION

ADOT RIGHT OF WAY PLANS AND AS-BUILTS

PROJECT NO.	DWG NO.	ADOT TRACS NO.	DESCRIPTION	DATE
B&C - F.H. 11A(1)	7-T-464	--	R/W MAP	1950
F.A.S.P. 1-A(2)	7-T-464	--	R/W MAP	1950
1-A	A-13-T-239	--	STRIP MAP	1938
	A-13-T-321	--	R/W MAP	1951
S-52	A-13-T-329A	--	R/W MAP	1954
F-035-1-601	A-13-T-333	--	R/W MAP	1956
F-025-1(7)	A-13-T-356	--	STRIP MAP	1961
F-035-1(3)	A-13-T-356	--	STRIP MAP	1961
F-FG-035-1(4)	A-13-T-356	--	STRIP MAP	1961
NON F-035-1-504	D-13-T-356	--	R/W MAP	1963
F-025-1-808	D-13-T-382	--	R/W MAP	1968
DS 242(4)	--	--	AS-BUILT PLANS	1950
F-035-1-(3)	--	--	AS-BUILT PLANS	1962
F-035-1(5) UNITS I & II	--	--	AS-BUILT PLANS	1963

GLO & BLM PLATS

PLAT NO.	DESCRIPTION	DATE
2815	T. 8N., R. 5W. Original Township Survey	1911
2816	T. 8N., R. 6W. Original Township Survey	1916
2844	T. 9N., R. 6W. Original Township Survey	1899
2845	T. 9N., R. 7W. Original Township Survey	1936
2880	T. 10N., R. 6W. Original Township Survey	1906
2877	T. 10N., R. 6W. Dependant Resurvey and Subdivision of Sections	1953
2877-A	T. 10N., R. 6W. Subdivision of Section 26	1968
2881	T. 10N., R. 7W. Original Township Survey	1921

U.S. 93 EXISTING R/W LINE

LEFT SIDE PT.	LEFT SIDE STATION	LEFT SIDE OFFSET	RIGHT SIDE PT.	RIGHT SIDE STATION	RIGHT SIDE OFFSET
601	127+02.63	100.00 LT	600	127+02.63	100.00 RT
602	127+02.63	150.00 LT	728	145+14.46	100.00 RT
603	147+89.30	150.00 LT	605	156+62.80	100.00 RT
604	148+44.26	200.00 LT	610	169+99.87	100.00 RT
607	155+54.34	200.00 LT	504	Radius Pt.	- - -
727	161+54.34	200.00 LT	611	178+46.13	100.00 RT
504	Radius Pt.	- - -	615	185+84.09	100.00 RT
612	178+46.13	200.00 LT	730	192+30.82	100.00 RT
613	178+46.13	150.00 LT	616	207+09.70	100.00 RT
614	189+07.53	150.00 LT	509	Radius Pt.	- - -
729	190+37.43	150.00 LT	617	215+48.45	100.00 RT
618	207+09.70	150.00 LT	621	226+21.19	100.00 RT
509	Radius Pt.	- - -	734	234+39.76	100.00 RT
619	215+48.45	150.00 LT	737	268+70.65	100.00 RT
620	224+11.65	150.00 LT	624	275+47.73	100.00 RT
735	237+38.74	150.00 LT	625	274+87.79	150.00 RT
736	266+61.89	150.00 LT	627	303+52.81	150.00 RT
622	278+47.40	150.00 LT	680	316+07.51	150.00 RT
623	279+67.27	250.00 LT	681	337+98.89	150.00 RT
626	300+18.13	250.00 LT	630	357+24.37	150.00 RT
676	320+85.33	250.00 LT	631	372+42.07	150.00 RT
677	334+64.17	250.00 LT	739	398+41.09	150.00 RT
628	362+02.70	250.00 LT	741	406+86.10	150.00 RT
629	369+07.50	250.00 LT	632	425+22.53	150.00 RT
738	403+19.59	250.00 LT	682	431+88.84	150.00 RT
740	403+51.83	250.00 LT	780	466+36.21	150.00 RT
633	429+99.46	250.00 LT	758	466+42.59	150.00 RT
673	463+06.01	250.00 LT	636	500+91.82	150.00 RT
641	471+13.57	250.00 LT	637	507+50.93	150.00 RT
634	497+55.75	250.00 LT	683	535+44.31	150.00 RT
635	512+27.78	250.00 LT	783	548+63.99	150.00 RT
781	532+08.44	250.00 LT	640	569+94.57	150.00 RT
782	553+41.25	250.00 LT	784	589+78.95	150.00 RT
638	566+58.97	250.00 LT	785	604+46.30	150.00 RT
639	594+55.68	250.00 LT	787	630+92.67	150.00 RT
786	601+09.76	250.00 LT	644	638+79.00	150.00 RT
642	635+43.93	250.00 LT	645	671+98.17	150.00 RT
672	635+69.88	250.00 LT	743	673+16.99	150.00 RT
742	669+81.99	250.00 LT	647	707+55.08	150.00 RT
643	676+72.25	250.00 LT	648	707+96.96	200.00 RT
646	704+20.04	250.00 LT	744	712+32.71	200.00 RT
745	717+70.27	250.00 LT	649	716+18.76	200.00 RT
651	718+04.08	250.00 LT	650	720+45.40	368.93 RT
652	723+99.12	404.44 LT	847	480+88.12	200.00 RT
656	473+86.35	328.57 LT	747	488+39.08	200.00 RT
846	477+00.00	200.00 LT	659	499+27.73	200.00 RT
746	485+04.30	200.00 LT	660	523+08.40	200.00 RT
657	504+04.46	200.00 LT	749	540+34.60	200.00 RT
658	519+72.52	200.00 LT	751	557+53.90	200.00 RT
748	545+13.06	200.00 LT	661	581+46.97	200.00 RT
750	554+17.95	200.00 LT	662	592+01.49	200.00 RT
663	586+26.28	200.00 LT	754	622+54.94	200.00 RT
664	588+66.85	200.00 LT	753	626+42.06	200.00 RT
752	623+08.46	200.00 LT	665	660+71.63	200.00 RT
755	627+32.32	200.00 LT	666	664+27.19	200.00 RT
668	657+39.08	200.00 LT	667	665+46.59	100.00 RT
669	669+04.77	200.00 LT			
670	667+85.38	100.00 LT			

S.R. 71 EXISTING R/W LINE

LEFT SIDE PT.	LEFT SIDE STATION	LEFT SIDE OFFSET	RIGHT SIDE PT.	RIGHT SIDE STATION	RIGHT SIDE OFFSET
688	867+00.00	200.00 LT	684	867+00.00	200.00 RT
689	891+48.63	200.00 LT	685	889+58.85	200.00 RT
690	912+73.38	200.00 LT	686	921+11.20	200.00 RT
691	950+00.40	200.00 LT	687	948+10.11	200.00 RT
756	973+97.91	200.00 LT	757	977+49.51	200.00 RT
759	979+40.35	200.00 LT	609	982+37.00	200.00 RT
656	987+98.83	200.00 LT	652	988+99.83	200.00 RT
848	1003+23.35	200.00 LT	650	997+50.26	200.00 RT
692	1008+80.10	200.00 LT	694	1006+89.75	200.00 RT
693	1035+61.85	200.00 LT	760	1036+10.82	200.00 RT
698	1067+20.02	200.00 LT	695	1044+11.76	200.00 RT
699	1066+72.41	100.00 LT	696	1065+29.59	200.00 RT
789	1095+67.54	100.00 LT	697	1065+77.20	100.00 RT
790	1099+41.91	100.00 LT	788	1094+72.58	100.00 RT
701	1124+94.28	100.00 LT	791	1103+60.56	100.00 RT
792	1154+13.79	100.00 LT	700	1123+99.26	100.00 RT
702	1160+72.06	100.00 LT	793	1153+18.86	100.00 RT
703	1183+33.86	100.00 LT	704	1164+90.93	100.00 RT
795	1212+62.63	100.00 LT	705	1182+38.65	100.00 RT
796	1222+04.29	100.00 LT	794	1211+67.68	100.00 RT
706	1241+56.92	100.00 LT	797	1226+24.09	100.00 RT
798	1271+06.88	100.00 LT	709	1240+64.22	100.00 RT
707	1283+67.56	100.00 LT	799	1270+12.21	100.00 RT
708	1300+48.65	100.00 LT	710	1287+90.89	100.00 RT
887	1315+19.30	100.00 LT	711	1299+53.39	100.00 RT
719	1356+86.80	100.00 LT	888	1315+19.30	100.00 RT
720	1365+17.07	100.00 LT	723	1358+58.35	100.00 RT
			725	1365+17.07	100.00 RT

NORTH S.R. 89 EXISTING R/W LINE

LEFT SIDE PT.	LEFT SIDE STATION	LEFT SIDE OFFSET	RIGHT SIDE PT.	RIGHT SIDE STATION	RIGHT SIDE OFFSET
723	1438+50.20	100.00 LT	719	1438+50.20	100.00 RT
584	Radius Pt.	- - -	584	Radius Pt.	- - -
722	1441+04.25	100.00 LT	882	1440+15.00	100.00 RT
721	1440+79.72	50.00 LT	584	Radius Pt.	- - -
584	Radius Pt.	- - -	718	1441+16.86	100.00 RT
769	1462+99.04	50.00 LT	584	Radius Pt.	- - -
767	1462+99.04	35.00 LT	724	1447+55.21	100.00 RT
766	1465+99.50	35.00 LT	771	1457+30.72	50.00 RT
764	1465+99.50	50.00 LT	584	Radius Pt.	- - -
776	1470+63.01	50.00 LT	770	1462+99.04	50.00 RT
732	1472+99.59	50.00 LT	768	1462+99.04	35.00 RT
			765	1465+99.50	35.00 RT
			733	1465+99.50	50.00 RT
			775	1470+47.55	50.00 RT
			731	1472+99.59	50.00 RT

SOUTH S.R. 89 EXISTING R/W LINE

PT.	STATION	OFFSET
884	452+08.47	50.00 LT
763	474+47.24	50.00 LT
535	Radius Pt.	- - -
675	479+07.11	50.00 LT
535	Radius Pt.	- - -
608	488+48.52	50.00 LT
606	500+31.71	50.00 LT
605	502+24.81	50.00 LT

PT.	STATION	OFFSET
883	451+89.35	50.00 RT
762	474+47.24	50.00 RT
535	Radius Pt.	- - -
674	478+71.32	50.00 RT
535	Radius Pt.	- - -
761	485+28.52	50.00 RT
610	489+02.72	173.84 RT

LINE "A"

LEFT SIDE PT.	LEFT SIDE STATION	LEFT SIDE OFFSET	RIGHT SIDE PT.	RIGHT SIDE STATION	RIGHT SIDE OFFSET
887	1315+22.37	100.00 LT	888	1315+22.37	100.00 RT
712	1318+58.58	100.00 LT	714	1318+58.58	100.00 RT
716	Radius Pt.	- - -	716	Radius Pt.	- - -
713	1328+32.77	100.00 LT	715	1328+32.77	100.00 RT
717	1328+78.36	100.00 LT	881	1328+57.43	100.00 RT
726	1333+60.06	100.00 LT	774	1342+29.06	100.00 RT
831	1341+45.15	254.91 LT			
843	1341+12.25	100.00 LT			
779	1342+29.05	100.00 LT			
777	Radius Pt.	- - -			
724	1350+55.64	100.00 LT			

LINE "Y"

RIGHT SIDE PT.	RIGHT SIDE STATION	RIGHT SIDE OFFSET
774	0+00	100.00 RT
778	Radius Pt.	- - -
773	5+15.27	100.00 RT
772	6+99.11	100.00 RT
771	6+92.58	47.41 RT

LINE "Y*"

RIGHT SIDE PT.	RIGHT SIDE STATION	RIGHT SIDE OFFSET
848	461+52.27	200.00 RT
653	464+52.27	200.00 RT
655	Radius Pt.	- - -
654	477+88.18	200.00 RT
847	480+88.18	200.00 RT

GLO & BLM FIELD NOTES

BOOK	PAGES	BOOK	PAGES
1020	57-61, 70-79, 82, 84-110	2209	28-34
1684	6-20	2839	13-19, 23-28
1713	2, 5-15, 20-25, 28	3409-A	4, 5, 9, 10, 14, 15,
2208	5-7	4013	2, 3, 7-11, 13-17, 19-24, 28, 29

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CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-13-T-477
SURVEY	MARCH 2005
DRAWN/DATE	A. GRASS/12-05
ADOT REVIEW	K. RICHMOND
amec	
ROUTE NO.: U.S. 93	LOCATION: JCT 89-Tres Alamos Rd.

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: WICKENBURG - KINGMAN
FEDERAL AID NO.: U-093-B-703
PROJECT NO.: 093 YV 179 H4871 02R

REGISTERED LAND SURVEYOR
40622
BRYAN L. CAMPBELL
10-4-10
ARIZONA U.S.A.
EXPIRES: 03/31/2006

SHEET RS-26

RESULTS OF SURVEY

SECTION CORNERS

PT.	DESCRIPTION	NORTHING	EASTING	LOCATION	SEC.	TWP.	RNG.	FOUND	SOLUTION
244	FD 3.5" GLO BC 1919	1150574.58600	393924.06200	NW COR	6	9N	6W	Found and accepted a brasscap on iron pipe (Pt. 244), found N88°39'19"W, 0.85' of a stone marker (Pt. 206) left as an accessory to the corner as outlined in GLO notes.	
387	FD 1¼" IRON AXLE W/ SPINES RESET WITH 2.5" ALUM CAP 19854	1139955.82500	399088.27310	SW COR	8	9N	6W	Found and accepted 1¼" Iron Axle W/ Spines on top & Stone. replaced with ½" rebar and 2½" Aluminum Cap. Buried Stone North of rebar	Talked with Rancher, Roy Moore (Phone # 928-427-3344) discussing his knowledge of the section corners in the area. He stated that he set an axle in exactly the same place as the original stone. Per Mr. Moore, it was replaced due to earth moving work he was performing in the area.
806	SET 2.5" ALUM CAP RLS 19854	1145160.03120	407051.33379	S ¼ COR	4	9N	6W		Single Proportion between the solution corner for the SW corner of Section 4 and a found rebar at the SW corner of Section 3. Points 916 & 260
809	SET 2.5" ALUM CAP RLS 19854	1139982.06832	396445.43095	S ¼ COR	7	9N	6W		Single Proportion between a found stone at the SW corner of Section 7 and a found 1¼" Iron axle the SW corner of Section 8. Points 385 & 387
811	SET 2.5" ALUM CAP RLS 19854	1114293.46848	416654.62966	N ¼ COR	11	8N	6W		Single Proportion between a found US GLO BC at the NW corner of Section 11 and a found US GLO BC at the NE corner of Section 11. Points 108 & 99
812	SET 2" ALUM CAP RLS 19854	1118708.79088	411415.69908	N ¼ COR	3	8N	6W		Single proportion between the calculated position for the NW corner, and the calculated position for the NE corner, along the south line of T.9N., R.6W. Points 813 & 814
815	CALCULATED	1142547.19617	404385.26558	E ¼ COR	8	9N	6W		Single Proportion between the solution corner for the NE corner of Section 8 and a found stone at the SE corner of Section 8. Points 916 & 424
816	SET 2.5" ALUM CAP RLS 19854	1139931.93623	401727.06937	S ¼ COR	8	9N	6W		Single Proportion between a found 1 ¼" Iron axle at the SW corner of Section 8 and a found stone at the SE corner of Section 8. Points 387 & 424
817	SET 2.5" ALUM CAP RLS 19854	1145266.46126	396487.07446	S ¼ COR	6	9N	6W		Single Proportion between a found stone at the SW corner of Section 6 and a found stone at the SW corner of Section 5. Points 242 & 259
828	CALCULATED	1126651.88146	409553.74933	E ¼ COR	28	9N	6W		Single Proportion between the solution corner for the SE corner of Section 28 and a found stone for the NE corner of Section 28. Points 919 & 393
830	CALCULATED	1118659.08011	417425.18032	S ¼ COR	35	9N	6W		Points were calculated using the Secant Method found in chapter 2-78 in the 1973 Manual of Surveying Instructions, together with the Standard Field Tables handbook 8th edition published in 1956. Points 46 & 433
860	CALCULATED	1124128.47513	396333.86864	S ¼ COR	30	9N	6W		Single Proportion between the solution corner for the SE corner of Section 30 and the found stone at the SW corner of Section 30. Points 928 & 437
867	SET 2.5" ALUM CAP RLS 19854	1129318.07355	406931.44728	S ¼ COR	21	9N	6W		Single Proportion between the solution corner for the SW corner of Section 21 and a found stone for SE corner of Section 21. Points 905 & 393
868	SET 2.5" ALUM CAP RLS 19854	1131983.11698	404306.64227	W ¼ COR	21	9N	6W		Single Proportion between the solution corner for the SW corner of Section 21 and a found stone for NW corner of Section 21. Points 905 & 904
869	CALCULATED	1132163.07736	383178.19432	W ¼ COR	23	9N	7W		Single Proportion between a found US GLO BC at the SW corner of Section 23 and a found US GLO BC at the NW corner of Section 23. Points 38 & 41
900	SET 2" ALUM CAP RLS 19854	1148046.05100	378035.76342	E ¼ COR	4	9N	7W	Found original stamped brass cap on iron pipe 103 feet southwest from calculated position, laying on side. Set ½" rebar and stamped 2" aluminum cap. Buried the original monument laying on its side north of the new monument, with the cap facing the new monument.	Single Proportion between the solution corner for the NE corner of Section 4 and a found US GLO BC at the SE corner of Section 4. Points 903 & 254
901	SET 2" ALUM CAP RLS 19854	1118725.08442	409496.93992	SW COR	34	9N	6W		Points were calculated using the Secant Method found in chapter 2-78 in the 1973 Manual of Surveying Instructions, together with the Standard Field Tables handbook 8th edition published in 1956. Points 46 & 433
902	SET 2" ALUM CAP RLS 19854	1118680.86151	414782.43836	SW COR	35	9N	6W		Points were calculated using the Secant Method found in chapter 2-78 in the 1973 Manual of Surveying Instructions, together with the Standard Field Tables handbook 8th edition published in 1956. Points 46 & 433
903	SET 2" ALUM CAP RLS 19854	1150720.91500	378062.46800	NE COR	4	9N	7W	Found original stamped brass cap on iron pipe tied to the fence 67 feet west from calculated position. Set ½" rebar and stamped 2" aluminum cap. Buried the original monument laying on its side west of the new monument, with the cap facing the new monument.	Points were calculated using the Secant Method found in chapter 2-78 in the 1973 Manual of Surveying Instructions, together with the Standard Field Tables handbook 8th edition published in 1956. Points 245 & 418
905	SET 2.5" ALUM CAP RLS 19854	1129341.99997	404286.68453	SW COR	21	9N	6W		Double Proportion using the solution corner for the SW corner of Section 28 and a found stone at the SW corner of Section 16 and a found stone at the SW corner of Section 20 and a found stone at the SW corner of Section 22. Points 931, 904, 33 & 393
906	SET 2.5" ALUM CAP RLS 19854	1129365.92048	401647.41472	S ¼ COR	20	9N	6W		Single Proportion between a found stone at the SW corner of Section 20 and the solution corner for the SW corner of Section 21. Points 33 & 905
907	SET 2.5" ALUM CAP RLS 19854	1126699.75830	404266.72680	W ¼ COR	28	9N	6W		Single Proportion between the solution corner for the NW corner of Section 28 and the solution corner for the SW corner of Section 28. Points 905 & 931
908	SET 2" ALUM CAP RLS 19854	1134672.83331	399043.03253	SW COR	17	9N	6W		Double Proportion using a found stone at the SW corner of Section 18 and a found stone at the SW corner of Section 16 and a found Axle at the NW corner of Section 17 and a found stone at the SW corner of Section 20. Points 374, 904, 387 & 33
910	SET 2" ALUM CAP RLS 19854	1134698.49516	396401.90909	S ¼ COR	18	9N	6W		Single Proportion between the double proportion solution for the SW corner of Section 17 and a found stone at the SW corner of Section 18. Points 908 & 374
911	SET 2" ALUM CAP RLS 19854	1134648.53339	401684.81626	S ¼ COR	17	9N	6W		Single Proportion between the double proportion solution for the SW corner of Section 17 and a found stone at the SE corner of Section 17. Points 908 & 904
912	SET 2" ALUM CAP RLS 19854	1132031.33729	399025.58872	W ¼ COR	20	9N	6W		Single Proportion between the solution corner for the SW corner of Section 17 and a found stone at the SW corner of Section 20. Points 908 & 33
913	SET 2" ALUM CAP RLS 19854	1137314.32933	399065.65284	W ¼ COR	17	9N	6W		Single Proportion between the double proportion solution for the SW corner of Section 17 and a found 1 ¼" Iron axle at the NW corner of Section 17. Points 908 & 387
914	SET 2" ALUM CAP RLS 19854	1137266.14029	404346.23279	E ¼ COR	17	9N	6W		Single Proportion between a found stone for the SE corner of Section 17 and a found stone for the NE corner of Section 17. Points 904 & 424
915	FD STONE DISTURBED SET 2" ALUM CAP RLS 19854	1150466.61728	404451.44223	NW COR	4	9N	6W	Found a disturbed original stone approximately 7 feet south of calculated position. Set ½" rebar and stamped 2" aluminum cap. Buried the original stone upside down, with hash marks facing east, 0.5' north of the new monument	Points were calculated using the Secant Method found in chapter 2-78 in the 1973 Manual of Surveying Instructions, together with the Standard Field Tables handbook 8th edition published in 1956. Points 423 & 244

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CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-13-T-477
SURVEY	MARCH 2005
DRAWN/DATE	A. GRASS/12-05
ADOT REVIEW	K. RICHMOND
amec	
ROUTE NO.:	U.S. 93
LOCATION:	JCT 89-Tres Alamos Rd.

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: WICKENBURG - KINGMAN
FEDERAL AID NO.: U-093-B-703
PROJECT NO.: 093 YV 179 H4871 02R

REGISTERED LAND SURVEYOR
40622
BRIAN L. CAMPBELL
10-4-05
ARIZONA U.S.A.
EXPIRES: 03/31/2006

SHEET RS-27

RESULTS OF SURVEY

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SECTION CORNERS

PT.	DESCRIPTION	NORTHING	EASTING	LOCATION	SEC.	TWP.	RNG.	FOUND	SOLUTION
916	SET 2" ALUM CAP RLS 19854	1145186.34523	404404.66556	SW COR	4	9N	6W		Double Proportion between a found stone at the SW corner of Section 9 and the solution corner for the NW corner of Section 4 and between a found rebar at the SW corner of Section 3 and a found stone at the SW corner of Section 5. Points 424, 915, 260 & 259
917	FD STONE DISTURBED SET 2" ALUM CAP RLS 19854	1147825.49158	404428.04513	W 1/4 COR	4	9N	6W	Found disturbed original stone approximately 130 feet southeast of calculated position. Set 1/2" rebar and stamped 2 1/2" aluminum cap. Buried the original stone upside down, with hash marks facing west, 1.0' North of the new monument.	Single Proportion between the solution corner for the SW corner of Section 4 and the solution corner for the NW corner of Section 4. Points 916 & 915
918	SET 2" ALUM CAP RLS 19854	1145212.80502	401767.89758	S 1/4 COR	5	9N	6W		Single Proportion between the solution corner for the SW corner of Section 4 and a found stone at the SW corner of Section 5. Points 916 & 259
919	SET 2" ALUM CAP RLS 19854	1124009.61578	409531.28863	NW COR	34	9N	6W		Double Proportion using the solution corner for the SW corner of Section 34 and a found stone at the SW corner of Section 22 and the solution corner for SW corner of Section 28 and a found 2" un-marked iron Pipe at the N 1/4 corner of Section 34. Points 901, 393, 47 & 436
920	SET 2" ALUM CAP RLS 19854	1121367.35010	409514.11428	W 1/4 COR	34	9N	6W		Single Proportion between the solution corner for NW corner of Section 34 and the solution corner for SW corner of Section 34. Points 919 & 901
921	SET 2" ALUM CAP RLS 19854	1147777.16109	409694.20591	W 1/4 COR	3	9N	6W		Single Proportion between a found stone at the NW corner of Section 3 and a found rebar at the SW corner of Section 3. Points 909 & 260
922	SET 2.5" ALUM CAP RLS 19854	1142651.34330	393852.54947	W 1/4 COR	7	9N	6W		Single Proportion between a found stone at the NW corner of Section 7 and a found stone at the SW corner of Section 7. Points 242 & 385
923	SET 2.5" ALUM CAP RLS 19854	1142597.54509	399109.70137	W 1/4 COR	8	9N	6W		Single Proportion between a found 1 1/4" iron axle the SW corner of Section 8 and a found stone at the NW corner of Section 8. Points 387 & 259
924	SET 2.5" ALUM CAP RLS 19854	1121413.58099	404231.30001	W 1/4 COR	33	9N	6W		Single Proportion between the solution corner for the NW corner of Section 33 and a found stone at the SW corner of Section 33. Points 931 & 46
925	SET 2.5" ALUM CAP RLS 19854	1118747.52569	406854.21196	S 1/4 COR	33	9N	6W		Points were calculated using the Secant Method found in chapter 2-78 in the 1973 Manual of Surveying Instructions, together with the Standard Field Tables handbook 8th edition published in 1956. Points 46 & 433
926	SET 2" ALUM CAP RLS 19854	1126745.89260	398986.16885	W 1/4 COR	29	9N	6W		Single Proportion between the solution corner for the SW corner of Section 29 and a found stone at the SW corner of Section 20. Points 928 & 33
927	SET 2" ALUM CAP RLS 19854	1118702.64290	412139.69657	S 1/4 COR	34	9N	6W		Points were calculated using the Secant Method found in chapter 2-78 in the 1973 Manual of Surveying Instructions, together with the Standard Field Tables handbook 8th edition published in 1956. Points 46 & 433
928	SET 2" ALUM CAP RLS 19854	1124101.94393	398964.19280	SW COR	29	9N	6W		Reset corners based on record information from the ADOT Right of Way Plat "Wickenburg-Kingman Highway, Maricopa Ln.-Jct. 71&93" Dated December 20, 1961, Last update shown as July 1, 1964, between found monuments: Points 35 & 33. (See Detail and Narrative on sheet RS-29)
929	SET 2" ALUM CAP RLS 19854	1124079.73028	401605.48093	S 1/4 COR	29	9N	6W		Single Proportion between the solution corner for the SW corner of Section 29 and the solution corner for SE corner of Section 29. Points 928 & 931
930	SET 2" ALUM CAP RLS 19854	1109014.87874	416603.94206	N 1/4 COR	14	8N	6W		Single Proportion between a found US GLO BC at the NW corner of Section 14 and a found US GLO BC at the NE corner of Section 14. Points 414 & 104
931	SET 2" ALUM CAP RLS 19854	1124057.51662	404246.76907	SE COR	29	9N	6W		Reset corners based on record information from the ADOT Right of Way Plat "Wickenburg-Kingman Highway, Maricopa Ln.-Jct. 71&93" Dated December 20, 1961, Last update shown as July 1, 1964, between found monuments: Points 35 & 33. (See Detail and Narrative on sheet RS-29)

COMMON POINTS

SR 89 089 YV 258 H5717 01R GAF 1.00014			US 93 093 YV 179 H4871 02R GAF 1.000125268			
PT.	NORTHING	EASTING	PT.	NORTHING	EASTING	DESCRIPTION
1000	1153004.29159	420534.27841	561	1152987.30791	420528.08397	(C)
1001	1151110.47543	419325.03713	562	1151093.51965	419318.86050	(C)
1010	1103658.16705	429018.60852	536	1103641.91024	429012.28910	(C)
1011	1102393.97481	429590.11821	534	1102377.73662	429583.79038	(C)
1054	1150120.27845	419468.70667	579	1150103.33726	419462.52793	(C)
1060	1152933.44880	420340.36781	539	1152916.45770	420334.15677	(C)
1061	1150362.06015	419433.62611	580	1150345.11075	419427.44856	(C)
1077	1108519.41960	428133.89211	899	1108503.09118	428127.58573	(C)
1078	1105870.13101	428616.04544	898	1105853.84162	428609.73195	(C)
1079	1103231.46005	429130.79745	537	1103215.20952	429124.47638	(C)
1080	1101417.29964	430362.51600	538	1101401.07583	430356.17679	(C)
1516	1108500.97250	430430.19514	421	1108484.64436	430423.85493	FD MRKD STONE W/ 4 HASH MRKS ON S. FACE & 5 HASH MRKS ON E. FACE
1517	1108540.98587	425143.00771	55	1108524.65714	425136.74538	FD 1 1/2" ALUM CAP ON 1/2" REBAR RAISED 0.2' STAMPED PROPERTY COR RLS 4529
1519	1103261.32234	425097.38230	88	1103245.07138	425091.12065	FD 1 1/4" IRON PIPE DOWN 0.5' W/ TAG PE 2522
1532	1097931.45658	430328.37140	92	1097915.28411	430322.03269	FD STONE RAISED 0.8' W/ 2 HASH MRKS ON S. FACE & 5 HASH MRKS ON E. FACE
1533	1097982.26610	425042.56709	83	1097966.09289	425036.30624	FD 2" ALUM. CAP ON 1/2" REBAR RAISED 0.2' STAMPED S19/S20 LS 4529
1556	1108943.50530	425146.68732	97	1108927.17063	425140.42494	FD 3" GLO BC ON 2" IRON PIPE RAISED 0.5' STAMPED S12/S13 C.C. S7/S8 1914
1569	1103682.52953	425101.58805	89	1103666.27236	425095.32633	FD 1 1/4" IRON PIPE RAISED 0.4' W/ TAG PE 2522
1571	1098392.86984	425045.47678	84	1098376.69058	425039.21588	FD 3" GLO BC ON 2" IRON PIPE RAISED 0.5' 1914
1677	1150353.80908	420320.11136	56	1150336.86444	420313.92007	FD 3" GLO BC ON 2" PIPE RAISED 0.5' STAMPED S35/S36/S2/S1 1904 1952
1678	1150401.08896	415034.54394	267	1150384.09182	415028.44628	FD 3" GLO BC ON 2" PIPE RAISED 0.8' STAMPED S2/S3/S34/35 1952
1861	1155689.18695	415080.25334	57	1155672.16372	415074.13924	FD 3" GLO BC ON 2" PIPE IN POTHOLE IN PVMT DOWN 1.5' STAMPED S26/S27/S34/S35
1862	1155639.80907	420362.07672	58	1155622.78657	420355.88482	FD 3" GLO BC ON 2" PIPE IN MOUND OF STONES STAMPED 1904 1952 1999
1901	1152997.96418	420340.87441	309	1152980.90604	420334.66236	FD 3" GLO BC ON 1" PIPE RAISED 0.2' S35/S36 1952

COMMON POINTS

SR 89 089 YV 258 H5717 01R GAF 1.00014			US 93 093 YV 179 H4871 02R GAF 1.000125268			
PT.	NORTHING	EASTING	PT.	NORTHING	EASTING	DESCRIPTION
1904	1155666.88800	417724.82186	59	1155649.86510	417718.66880	FD 3 BLM BC ON 2" PIPE RAISED 1.0' STAMPED S26/S35 1964
1907	1101032.05338	425073.43747	87	1101015.83500	425067.17620	FD 1" IRON PIPE RAISED 0.4' W/ ALUM TAG NE COR LOT 3 ATTACH BRASS TAG RLS 19854
1908	1100622.88970	425070.33592	86	1100606.67759	425064.07466	FD STONE RAISED 0.9' MRKD 1/4 ON FACING W.
1913	1106306.34220	425123.72355	60	1106290.04638	425117.46151	FD 1 1/2" IRON PIPE RAISED 0.2' W/ TAG PE 2522
1914	1105901.41303	425120.64613	95	1105885.12317	425114.38413	FD 1/2" REBAR RAISED 0.2' W/ TAG RLS 13011
1916	1111224.25120	425165.50344	93	1111207.88294	425159.24078	FD 1 1/2" ALUM CAP ON 1/2" REBAR STAMPED PROPERTY COR LS 4529
1918	1103244.59273	427739.06818	94	1103228.34201	427732.76761	FD STONE MRKD 1/4 ON FACING N.
1926	1097911.19308	432968.97636	61	1097895.02092	432962.59876	FD MRKD STONE MRKD 1/4 ON FACING N.
1941	1100529.73015	435637.08424	62	1100513.51942	435630.66734	FD MRKD STONE MRKD 1/4 ON FACING W.
1942	1100573.80018	430354.34684	91	1100557.58880	430348.00775	FD STONE RAISED 0.7' MRKD 1/4 ON FACING W.
1945	1108522.20778	427786.81899	427	1108505.87931	427780.51772	FD 1/2" REBAR RAISED 0.2' W/ TAG PE 2522
2310	1097956.02448	427689.44316	85	1097939.85165	427683.14332	FD STONE DOWN 0.5' IN HOLE W/ ETCHED LINE ON TOP
2312	1103197.79874	433019.94476	72	1103181.54871	433013.56640	FD MRKD STONE MRKD 1/4 ON N. FACING
2313	1103219.67254	430379.97168	411	1103203.42219	430373.63221	FD STONE DOWN 0.8' IN DIRT HOLE
2314	1105919.95557	430406.99322	428	1105903.66544	430400.65335	FD MRKD STONE MARKD W.C.
5009	1153021.36774	417701.04987	377	1153004.40159	417694.59404	FD 3 1/4" BLM BC ON 1" PIPE STAMPED 1952
5018	1105877.76629	427762.89261	821	1105861.46986	427756.59163	(C)
5019	1100598.32733	427714.23708	819	1100582.11559	427707.93688	(C)
5020	1100551.77586	432994.43434	820	1100535.56480	432988.05636	(C)
5029	1105854.10887	430406.33430	840	1105837.80585	430399.99430	(C)

CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

...\ROS\093RW179_RS28.DGN

DRAWING NO.	D-13-T-477
SURVEY	MARCH 2005
DRAWN/DATE	A. GRASS/12-05
ADOT REVIEW	K. RICHMOND
amec	
ROUTE NO.:	U.S. 93
LOCATION:	JCT 89-Tres Alamos Rd.

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: WICKENBURG - KINGMAN

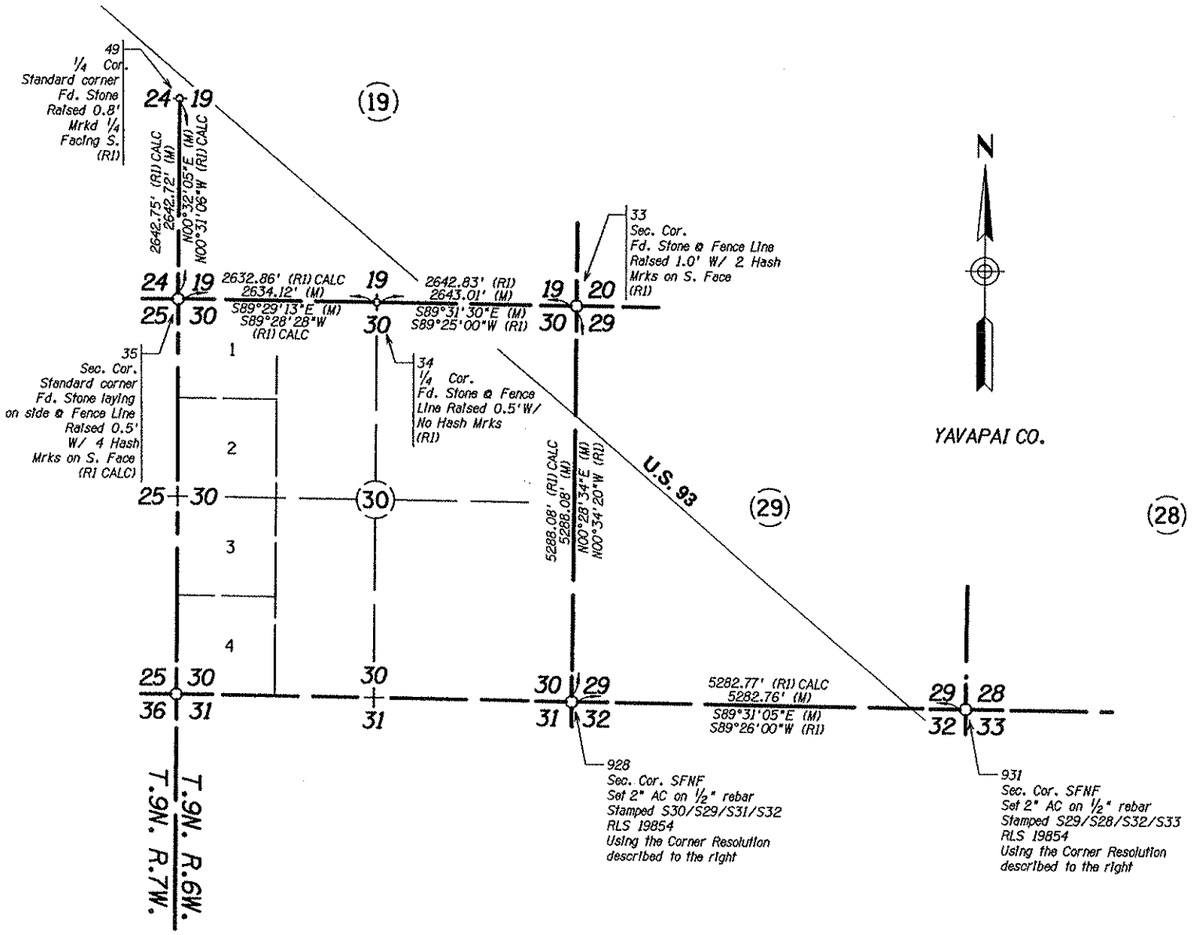
FEDERAL AID NO.: U-093-B-703

PROJECT NO.: 093 YV 179 H4871 02R

REGISTERED LAND SURVEYOR
CERTIFICATE
40622
BRYAN L. CAMPBELL
10-4-06
ARIZONA U.S.A.
EXPIRES: 03/31/2007

SHEET RS-28

RESULTS OF SURVEY



NARRATIVE OF CORNER RESOLUTION FOR:

SW & SE corners of Section 29, Township 9 North, Range 6 West, GSRM

In order to restore the PLSS corners at the SW (928) and SE (931) Corners of Section 29, Township 9 North, Range 6 West, a comparison between the PLSS corner relationships, shown on the ADOT R/W Plat "Wickenburg - Kingman Highway Maricopa Ln - Jct. 71 & 93" dated December 20, 1961 (Map A-13-T-356), and the monuments found during our current survey was performed. During our survey we recovered and utilized the following monuments that are common to the above record R/W Plat:

The West (49) and South (34) quarter corners and the Southeast (33) corner of Section 19 and the South (47) quarter corner of Section 28, Township 9 North, Range 6 West, GSRM.

The monument at the Southwest (35) corner of Section 19, Township 9 North, Range 6 West, GSRM was also located during the course of our survey. The Southwest (35) corner of Section 19 was shown as a calculated position on the above record R/W drawing. The record calculated distance between the West (49) quarter corner and the Southwest (35) corner of Section 19 differs from the measured distance between the found monuments by 0.03 feet. The record distance between the South (34) quarter corner and the Southeast (33) corner of Section 19 differs from the measured distance by 0.18 feet.

The location for the SW (928) and SE (931) corners of Section 29 was calculated by using the record angular and distance relationship between the West quarter corner, the SW corner, the South quarter corner, the SE corner of Section 19, and between the SW corner and the SE corner of Section 29. This geometrical relationship was held for position at the SE corner of Section 19 and then rotated along a line between the found monument at the SE corner of Section 19 and the found monument at the SW corner of Section 19.

M = MEASURED
R1 = "WICKENBURG - KINGMAN HIGHWAY MARICOPA LN - JCT 71 & 93", DATED DECEMBER 20, 1961 R/W STRIP MAP A-13-T-356

0 500 1000
Scale

...\ROS\093RW179_RS29.DGN

Click here for US 93 Index

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-13-T-477
SURVEY	MARCH 2005
DRAWN/DATE	A. GRASS/12-05
ADOT REVIEW	K. RICHMOND
amec	
ROUTE NO.: U.S. 93	LOCATION: JCT 89-Tres Alamos Rd.

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: WICKENBURG - KINGMAN
FEDERAL AID NO.: U-093-B-703
PROJECT NO.: 093 YV 179 H4871 02R

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
40622
BRYAN L. CAMPBELL
10-4-05
ARIZONA U.S.A.
EXPIRES: 03/31/2006

SHEET RS-29