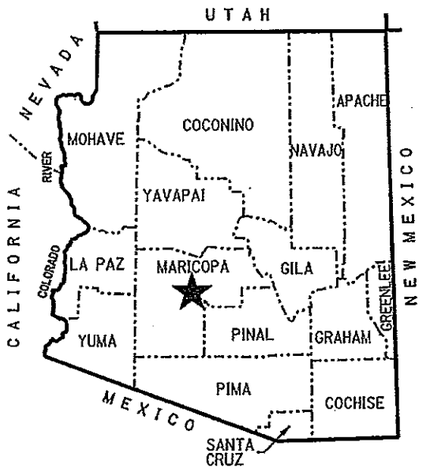
RESULTS OF SURVEY

I-10 RELIEVER (S.R. 30)
S.R. 303L - S.R. 202L
030 MA 000 H6876 01R

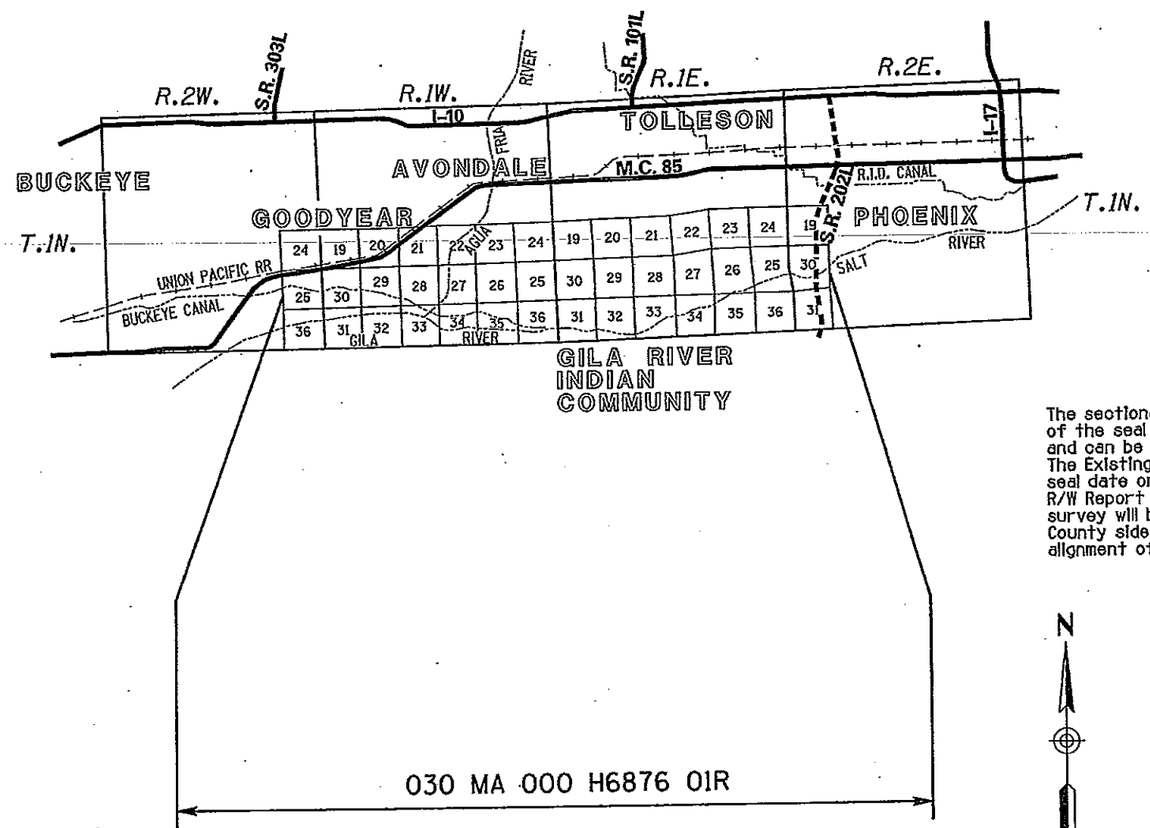
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

ADOT



★ PROJECT LOCATION

COUNTY NAME: MARICOPA
LENGTH OF PROJECT: 14 MILES
ADOT DISTRICT: PHOENIX (E)
DRAWING NUMBER: D-07-T-980



The sectional information and the alignments shown as of the seal date on this Results of Survey are accurate and can be relied upon.
The Existing R/W Report was not completed as of the seal date on this Results of Survey. Once the Existing R/W Report is completed, it is anticipated that the survey will be revised - primarily to reflect City and County side-street right of ways that the proposed alignment of SR 30 will cross.

N

SHEET INDEX

COVER SHEET	1
STANDARD ABBREVIATIONS & SYMBOLS	S-1
RESULTS OF SURVEY	RS-1 TO RS-17
TOTAL SHEETS	19

...\DGN\ROS\030RW000_CVR.DGN

eps group, Inc.
Engineers, Planners & Surveyors

EXPIRES: 3/31/2012

DIN# 67512-1

RIGHT OF WAY - STANDARD ABBREVIATIONS & SYMBOLS

A	
Acres	Ac.
Ahead	Ahd.
And Husband	et vir
And Others	et al
And Wife	et ux
Approximate	Approx.
Avenue	Ave.
B	
Back	Bk.
Book	Bk.
Boulevard	Blvd.
Brass Cap	B.C.
Bureau of Indian Affairs	B.I.A.
Bureau of Land Management	B.L.M.
Bureau of Reclamation	B.O.R.
C	
Calculated	(C)
Center	Ctr.
Centerline	℄
Construction	Constr.
Corner	Cor.
County	Co.
Curve Information	
Curve to Spiral	C.S.
Degree of Curve	D
Delta	Δ
Length of Curve	L
Point of Compound Curve	P.C.C.
Point of Curvature	P.C.
Point of Intersection	P.I.
Point of Reverse Curve	P.R.C.
Point of Reverse Spiral	P.R.S.
Point of Tangent	P.T.
Point on Curve	P.O.C.
Point on Tangent	P.O.T.
Point on Semi-Tangent	P.O.S.T.
Radius	R
Spiral rate of change	a
Spiral to Curve	S.C.
Spiral to Tangent	S.T.
Tangent Length	T
Tangent to Spiral	T.S.

D	
Degrees	°
Department	Dept.
Docket	Dkt.
Drainage Easement	DE
Drive	Dr.
E	
Easement	Esmt
East	E.
Electrical	Elec.
Equation	Equa.
Existing	Exist.
F	
Federal	Fed.
Feet	'
Flowage Easement	FE
Final Order of Condemnation	FOC
Found	Fd.
H	
Highway	Hwy.
Highway Easment Deed	HED
Homestead Entry Survey	HES
I	
Inch	In. or "
Irrigation	Irr.
J	
Junction	Jct.
L	
Lane	Ln.
Left	Lt.
Local Tangent Bearing	L.T.B.
M	
Measured	(M)
Mile Post	M.P.
Mineral Survey	M.S.
Minutes	'
Miscellaneous	Misc.
Monument	Mon.
N	
North	N.
Not to Scale	N.T.S.
Number	No.
P	

Page	Pg.
Parcel	Par.
Parkway	Pkwy.
Place	Pl.
Ponding Easement	PE
Public Utility Easement	PUE
Q	
Quit Claim Deed	QCD
R	
Railroad	R.R.
Range	R.
Record	(R)
Right	Rt.
Right of Way	R/W
Road	Rd.
S	
Seconds	"
Section	Sec.
Sheet	Sht.
Slope Easement	SE
South	S.
Special Warranty Deed	SWD
Square	Sq.
Square Feet	S.F.
State Route	S.R.
Station	Sta.
Street	St.
Subdivision	Subd.
T	
Telegraph	Tlg.
Telephone	Tel.
Township	T.
Temporary	Temp.
Temporary Construction Easement	TCE
Traffic Interchange	T.I.
U	
United States General Land Office	U.S.G.L.O.
W	
West	W.
Warranty Deed	WD

Boundary Lines
- City Limit Line
- County Line
- Forest-City Limit Line
- Forest-Reservation Line
- Land Grant Boundary Line
- National-State Boundary Line

Centerlines
- Exist. Centerline w/ticks
- Exist. Centerline wo/ticks
- New Constr. Centerline
- New Survey Centerline
- Railroad Centerline
- Centerline on Results of Survey

Control Lines
- Exist. Access Control Line
- New Access Control Line

Easement Lines
- Exist. Easement Line
- Exist. Drainage Easement Line
- New Perpetual Easement Line
- TCE Line

Misc. Lines
- Ditch-River Line
- Meander Line
- Mining Claim Line

Property Lines
- Lease Property Line
- Property Line
- Subdivision Property/Road Line
- Additional area to be acquired

Public Land Survey Lines
- Mid Section Line
- Section Line
- Sixteenth (1/16) Line
- Township-Range Line

R/W Lines
- Exist. ADOT R/W Line
- Exist. Non-ADOT R/W Line
- New R/W Line
- Railroad R/W Line
- Railroad-Highway R/W Line

Topographic Features
- Cut Slope Limit Line
- Exist. Fence Line
- Exist. Topo Line
- Fill Slope Limit Line
- New Fence Line

Break Line
Data Circle
Data Hex
Data Square
Dimension Arrow
Dimension Tie
Exist. R/W Monument
New R/W Monument
PC - PT Circle

Property Anchor Bar
Property-Lease & Unpatented Mining Claim Anchor Bar
Property Limit Arrow
Property-Lease & Unpatented Mining Claim Limit Arrow
Parcel Bubble (7-8858)
NGS Control Pt or Angle Point

N
T.1S. R.6E.
SECTION 7
MARICOPA CO.
North Arrow

31 | 32 / 6 | 5 — Found or Set Section Corner
4-3 — Found or Set Quarter Corner
(3) — Found or Set Center Quarter Corner
31 | 32 / 6 | 5 — Unfound Section Corner
4 / 9 — Unfound Quarter Corner
(3) — Unfound Center Quarter Corner
MP 5 — Mile Post Marker

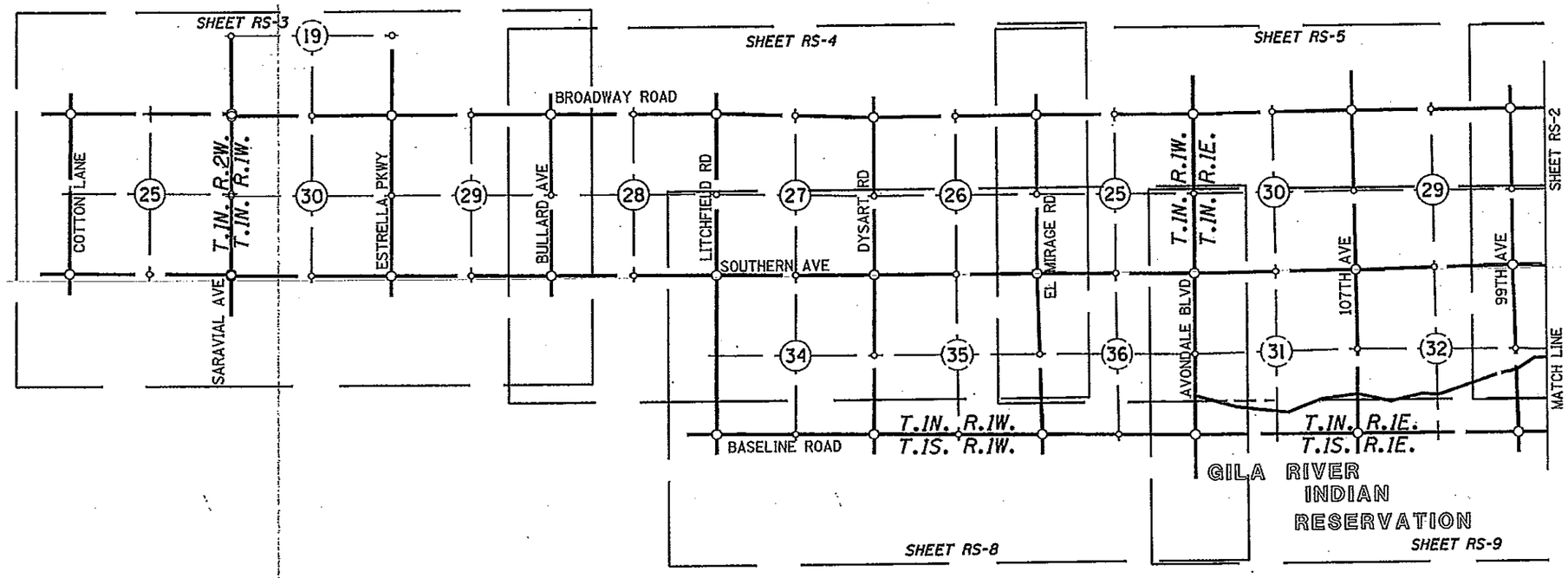
...\DGN\ROS\B328V222_ST001.DGN

DRAWING NO.	D-07-T-980	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION	
SURVEY	AUG 07	HIGHWAY NAME: I-10 RELIEVER (S.R. 30)	
DRAWN/DATE	C. DOYLE/AUG 07	FEDERAL AID NO.: UNASSIGNED	
ADOT REVIEW	K. RICHMOND	PROJECT NO.: 030 MA 000 H6876 01R	
eps group, inc. Engineers, Planners & Surveyors			
ROUTE NO.: S.R. 801	LOCATION: S.R. 303L - S.R. 202L		SHEET S-1

Registered Professional Engineer (Civil) CERTIFICATE NO. 15673 GERALD HUGHES Date Signed 3/31/07 ARIZONA, U.S.A. EXPIRES: 3/31/2012

DIN# 67512-2

RESULTS OF SURVEY



SHEET LAYOUT

MARICOPA CO.

0 1000 2000
Scale

...\DGN\RDS\032RW220_RS01.DGN

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

DRAWING NO.	D-07-T-980
SURVEY	AUG 07
DRAWN/DATE	C. DOYLE/AUG 07
ADOT REVIEW	K. RICHMOND

eps group, Inc.
Engineers, Planners & Surveyors

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

HIGHWAY NAME: I-10 RELIEVER (S.R. 30)

FEDERAL AID NO.: UNASSIGNED

PROJECT NO.: 030 MA 000 H6876 01R

ROUTE NO.: S.R. 801

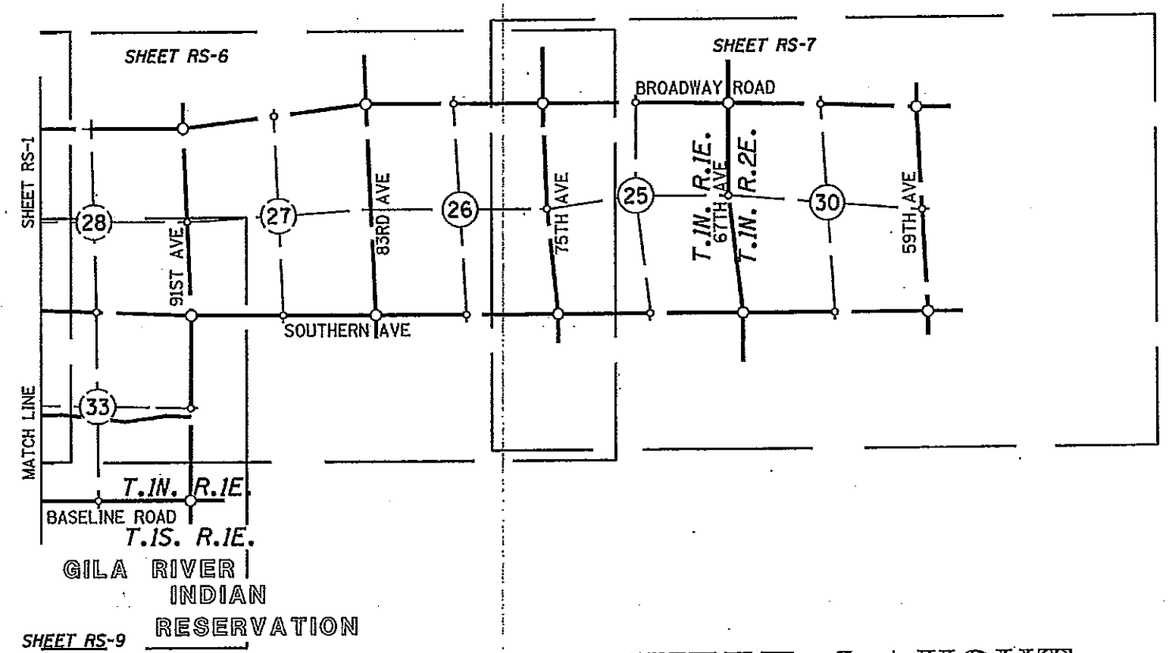
LOCATION: S.R. 303L - S.R. 202L

EXPIRES: 3/31/2012

SHEET RS-1

DIN #67512-3

RESULTS OF SURVEY



SHEET LAYOUT

MARICOPA CO.

0 1000 2000
Scale

...\DGN\ROS\030RW202_RS02.DGN

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

DRAWING NO.	D-07-T-980
SURVEY	AUG 07
DRAWN/DATE	C. DOYLE/AUG 07
ADOT REVIEW	K. RICHMOND
eps group, Inc. Engineers, Planners & Surveyors	
ROUTE NO.: S.R. 801	LOCATION: S.R. 303L - S.R. 202L

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

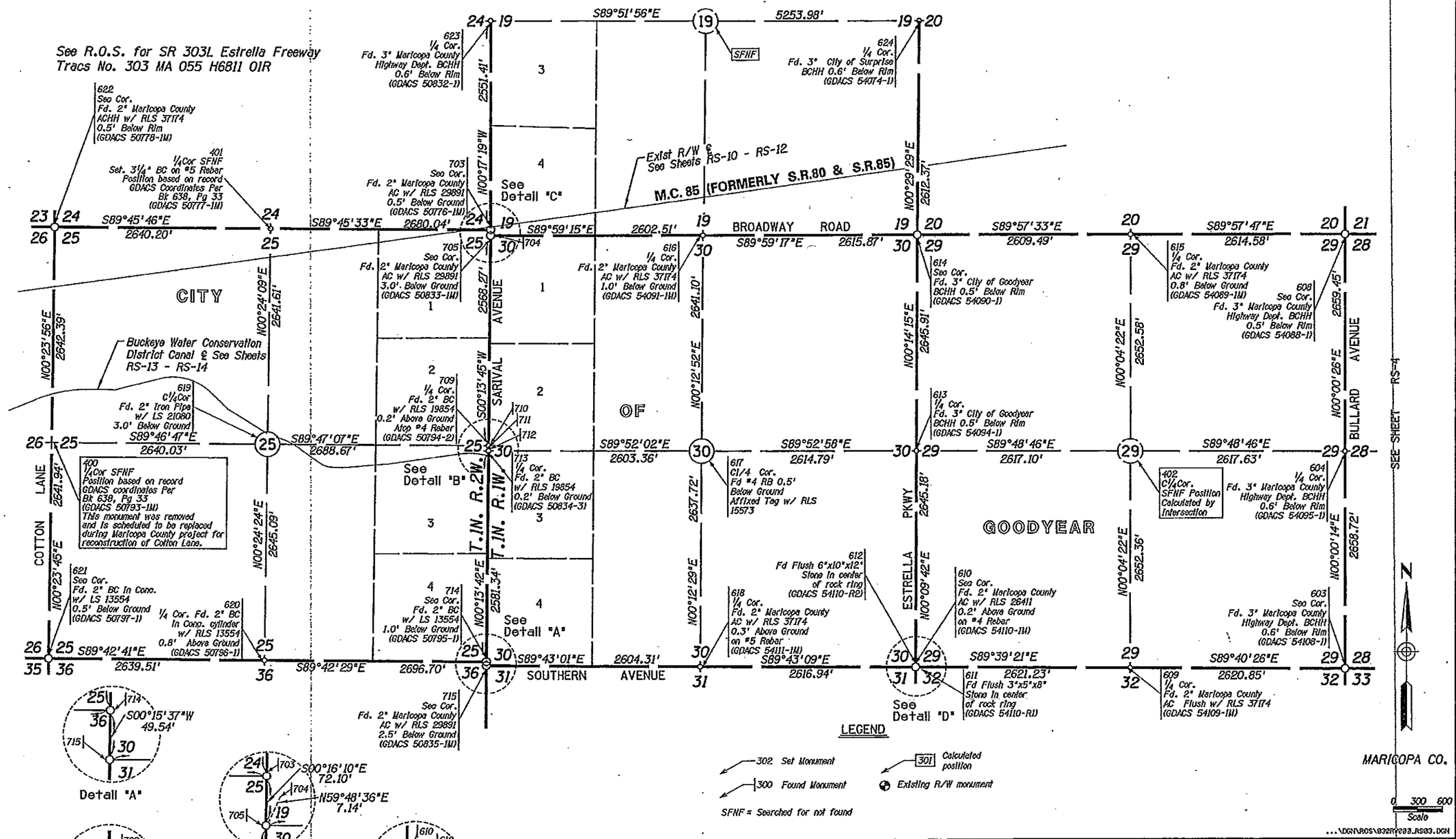
HIGHWAY NAME: I-10 RELIEVER (S.R. 30)
FEDERAL AID NO.: UNASSIGNED
PROJECT NO.: 030 MA 000 H6876 01R

Registered Land Surveyor
CERTIFICATE NO. 15573
GERALD HUGHES
ARIZONA U.S.A.
EXPIRES 3/31/2012

SHEET RS-2

DIN#67512-4

RESULTS OF SURVEY



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

DRAWING NO.	D-07-T-980
SURVEY	AUG 07
DRAWN/DATE	C. DOYLE/AUG 07
ADOT REVIEW	K. RICHMOND

eps group, Inc. Engineers, Planners & Surveyors

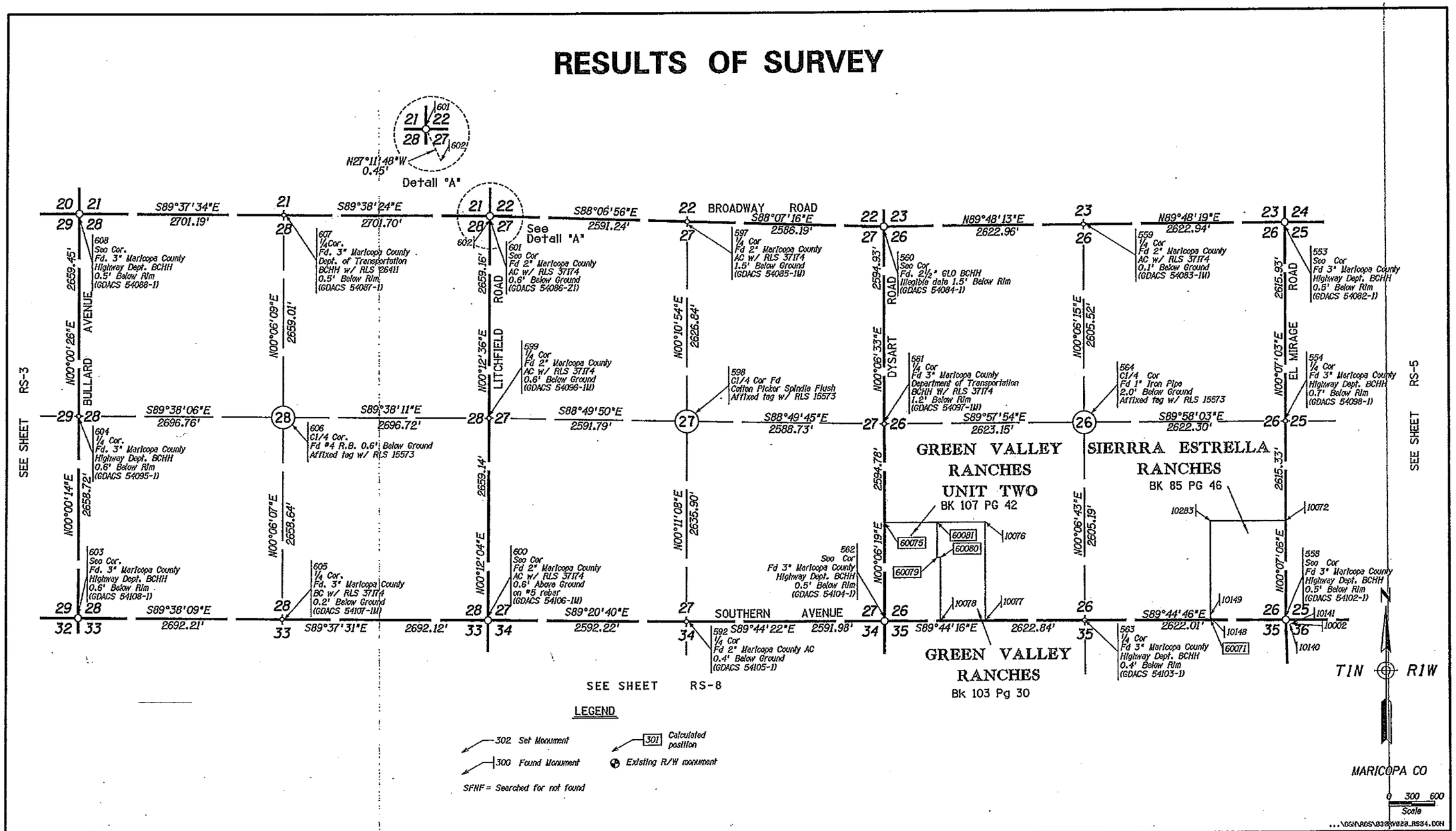
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: I-10 RELIEVER (S.R. 30)
FEDERAL AID NO.: UNASSIGNED
PROJECT NO.: 030 MA 000 H6876 01R
ROUTE NO.: S.R. 801
LOCATION: S.R. 303L - S.R. 202L

REGISTERED LAND SURVEYOR CERTIFICATE NO. 13573 GERALD HUGHES ARIZONA U.S.A.
EXPIRES: 3/31/2012
SHEET RS-3

DIN # 67512-5

RESULTS OF SURVEY



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

DRAWING NO.	D-07-T-980
SURVEY	AUG 07
DRAWN/DATE	C. DOYLE/AUG 07
ADOT REVIEW	K. RICHMOND
eps group, Inc. Engineers, Planners & Surveyors	
ROUTE NO.: S.R. 801	LOCATION: S.R. 303L - S.R. 202L

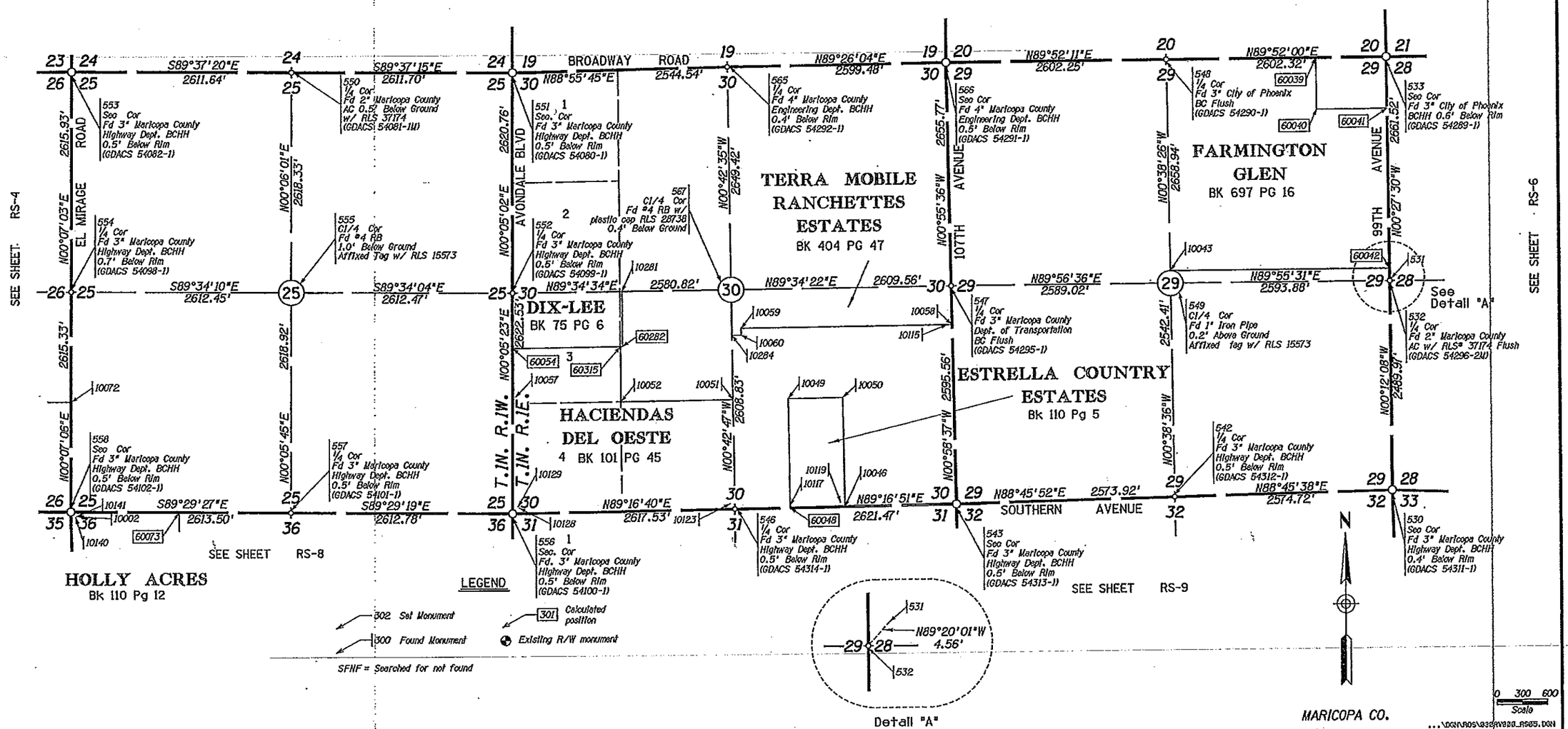
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: I-10 RELIEVER (S.R. 30)
FEDERAL AID NO.: UNASSIGNED
PROJECT NO.: 030 MA 000 H6876 01R

15573 GERALD HUGHES ARIZONA, U.S.A.
EXPIRES: 3/31/2012
SHEET RS-4

DIN # 67512-6

RESULTS OF SURVEY



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

DRAWING NO.	D-07-T-980
SURVEY	AUG 07
DRAWN/DATE	C. DOYLE/AUG 07
ADOT REVIEW	K. RICHMOND
eps group, Inc. Engineers, Planners & Surveyors	
ROUTE NO.: S.R. 801	LOCATION: S.R. 303L - S.R. 202L

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

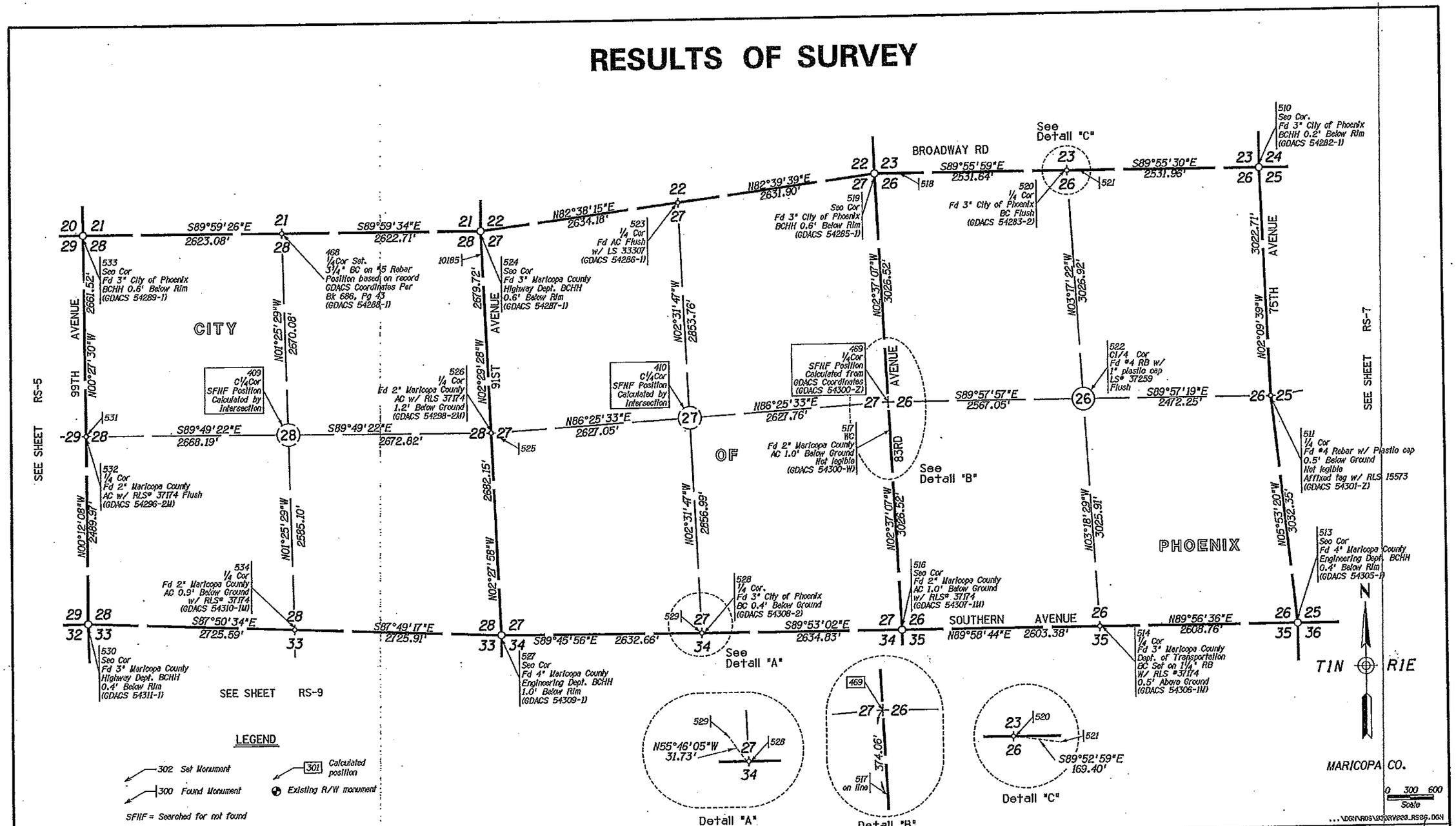
HIGHWAY NAME: I-10 RELIEVER (S.R. 30)
FEDERAL AID NO.: UNASSIGNED
PROJECT NO.: 030 MA 000 H6876 01R

15573 GERALD HUGHES ARIZONA, U.S.A.
EXPIRES 3/31/2012

SHEET RS-5

DIN # 67512-7

RESULTS OF SURVEY



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

DRAWING NO.	D-07-T-980
SURVEY	AUG 07
DRAWN/DATE	C. DOYLE/AUG 07
ADOT REVIEW	K. RICHMOND
eps group, Inc. Engineers, Planners & Surveyors	
ROUTE NO.: S.R. 801	LOCATION: S.R. 303L - S.R. 202L

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

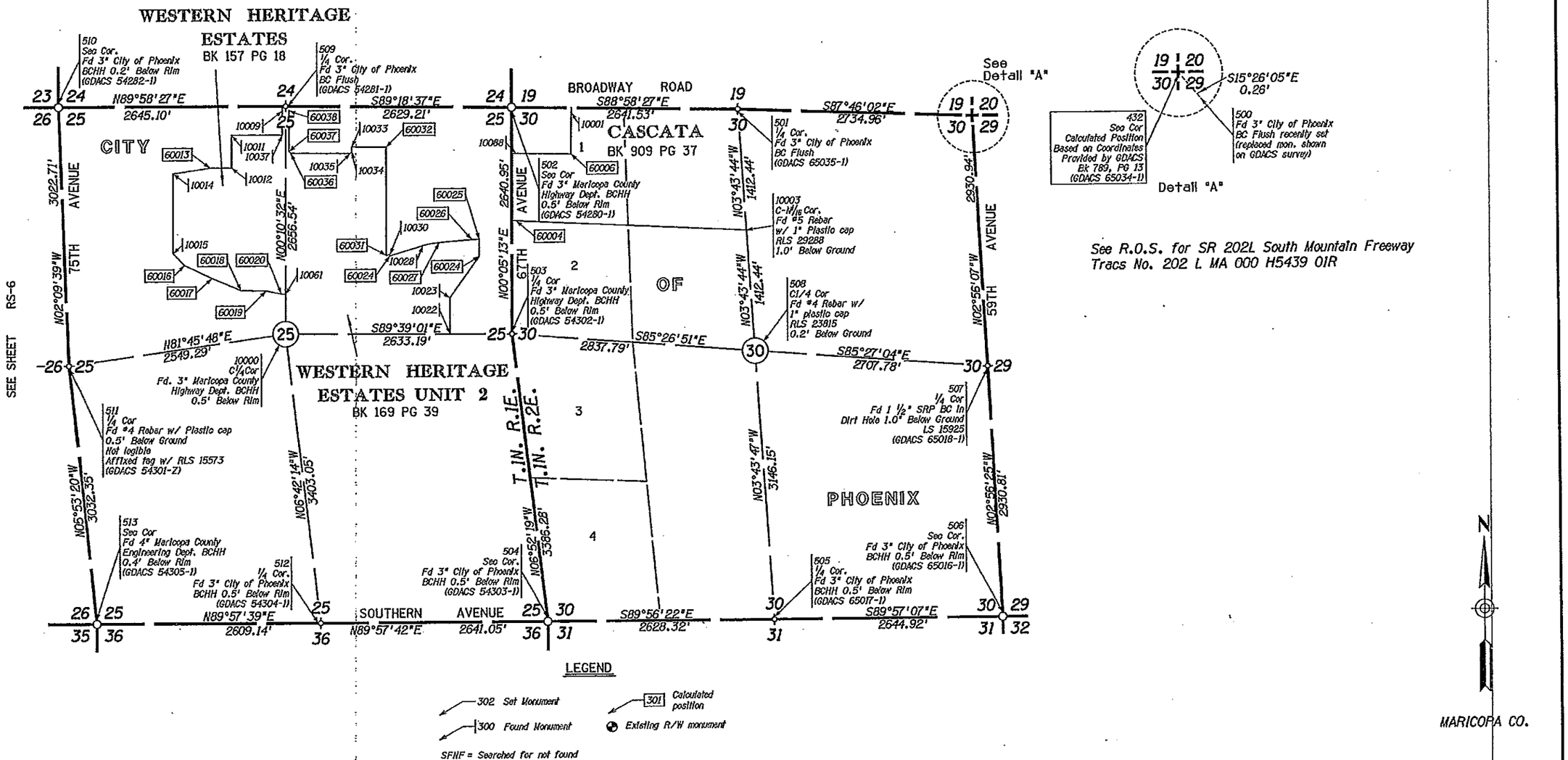
HIGHWAY NAME: I-10 RELIEVER (S.R. 30)
FEDERAL AID NO.: UNASSIGNED
PROJECT NO.: 030 MA 000 H6876 01R

EXPIRES 3/31/2012

SHEET RS-6

DIN# 67512 -8

RESULTS OF SURVEY



See R.O.S. for SR 202L South Mountain Freeway Tracs No. 202 L MA 000 H5439 01R

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

DRAWING NO.	D-07-T-980
SURVEY	AUG 07
DRAWN/DATE	C. DOYLE/AUG 07
ADOT REVIEW	K. RICHMOND

eps group, Inc. Engineers, Planners & Surveyors

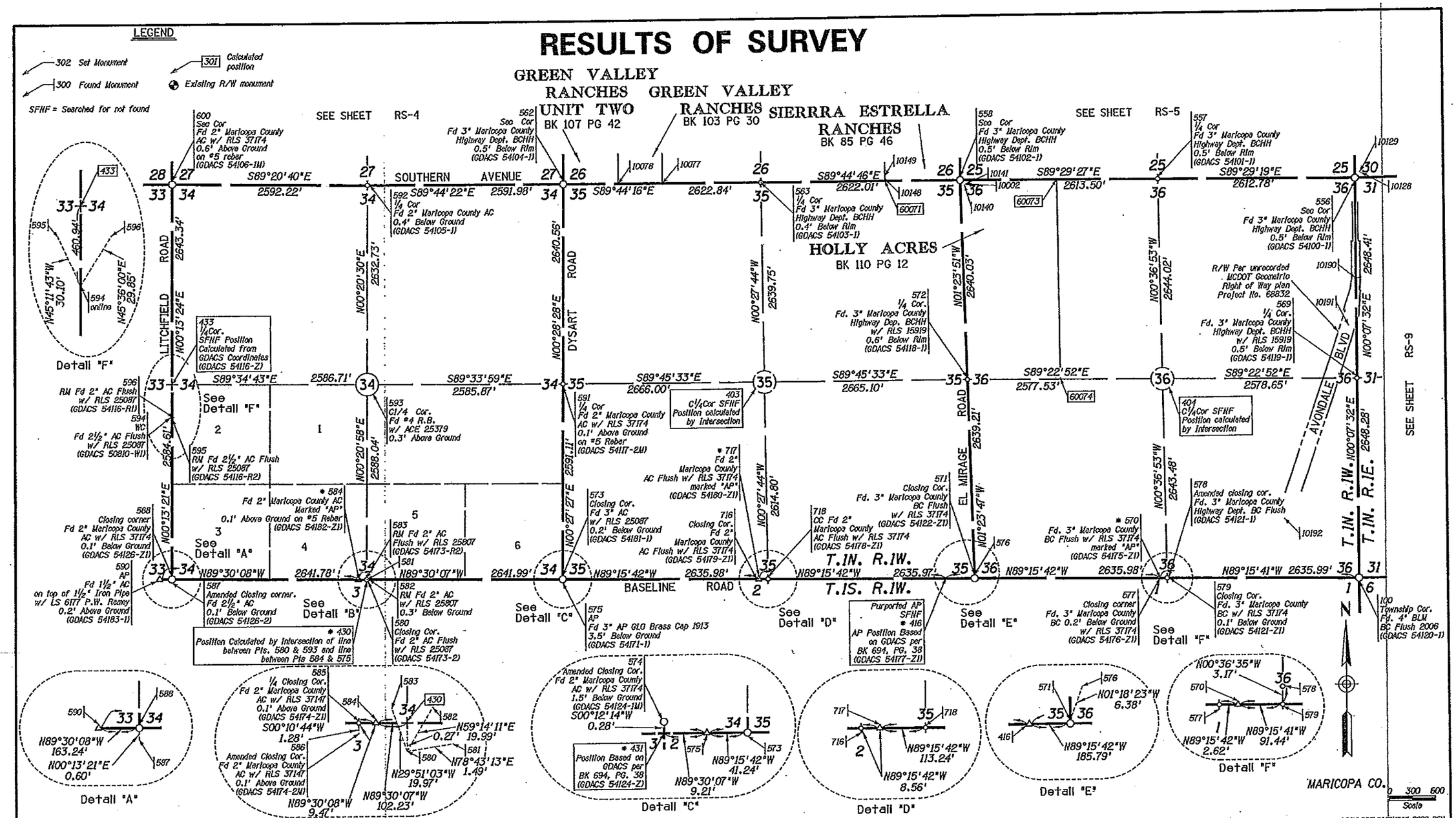
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: I-10 RELIEVER (S.R. 30)
FEDERAL AID NO.: UNASSIGNED
PROJECT NO.: 030 MA 000 H6876 01R
ROUTE NO.: S.R. 801
LOCATION: S.R. 303L - S.R. 202L

15573 GERALD HUGHES ARIZONA, U.S.A.
EXPIRES: 3/31/2012
SHEET RS-7

DIN # 67512-9

RESULTS OF SURVEY



* Position is based on GDACS information per Book 694, Pg.38. That survey reestablished corners set by the G.L.O. in 1912 & 1915 by single proportionate measurement although the original field notes appear to call for a true line. According to the GDACS survey, the single proportionate method was used because the positions of corners calculated that way fit more closely with the positions of found and accepted corners along the base line, than positions calculated on a latitudinal line do. As it is out of the scope of this survey to analyze the baseline beyond what is shown hereon and because the yet to be determined alignment of SR 801 may not depend on the position of these corners, the GDACS information is being accepted for the purpose of this survey. If it is determined that the acquisition of right of way for the final alignment of SR 801 is dependant on the position of these corners, further survey and analysis may be required.

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

DRAWING NO.	D-07-T-980
SURVEY	AUG 07
DRAWN/DATE	C. DOYLE/AUG 07
ADOT REVIEW	K. RICHMOND
eps group, Inc. Engineers, Planners & Surveyors	
ROUTE NO.: S.R. 801	LOCATION: S.R. 303L - S.R. 202L

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

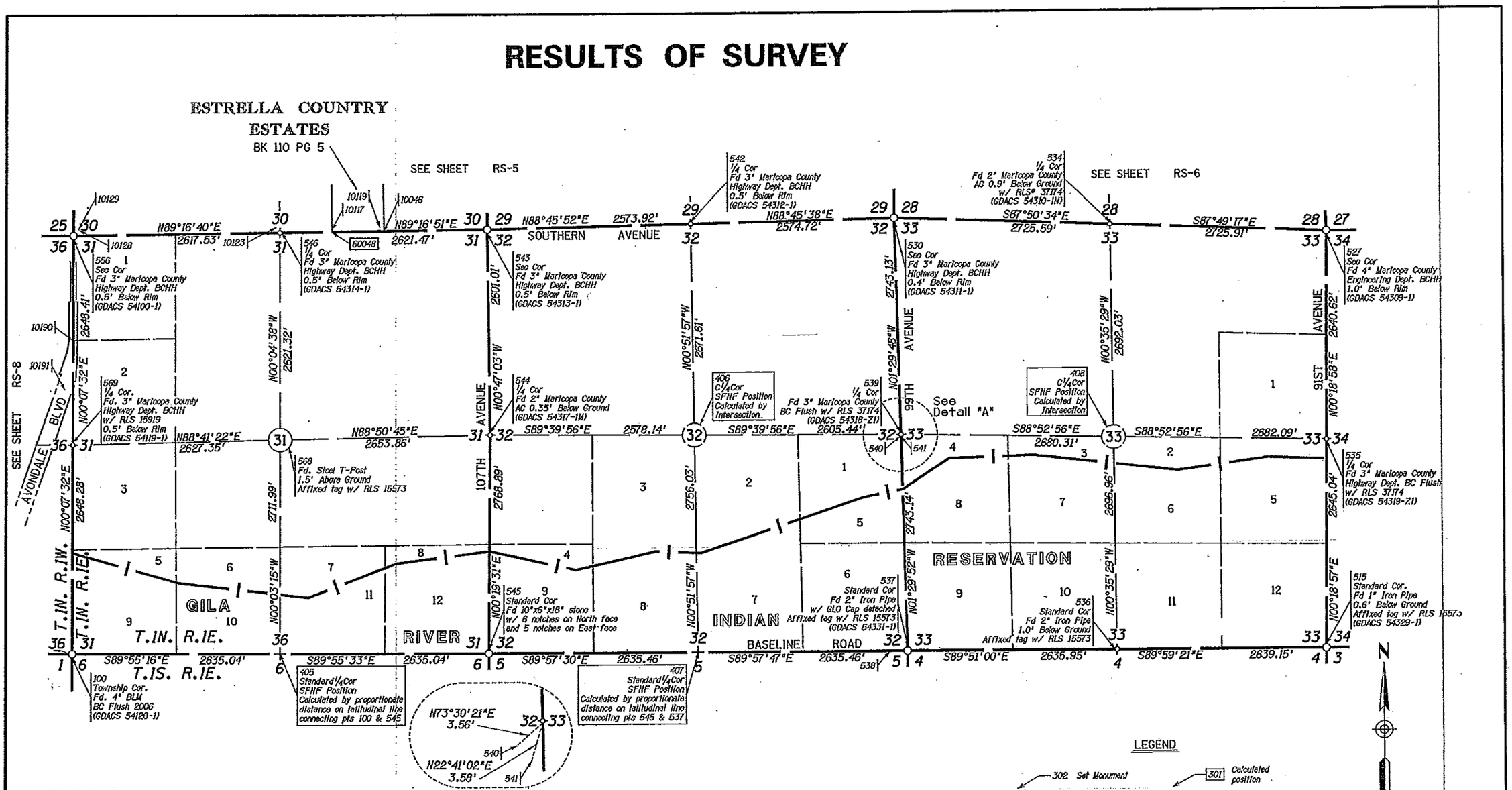
HIGHWAY NAME: I-10 RELIEVER (S.R. 30)
FEDERAL AID NO.: UNASSIGNED
PROJECT NO.: 030 MA 000 H6876 01R

REGISTERED LAND SURVEYOR 15573 GERALD HUGHES ARIZONA, U.S.A.
EXPIRES: 3/31/2012

SHEET RS-8

DIN # 67512 -10

RESULTS OF SURVEY



NOTE: The Gila River Indian Reservation boundary line shown hereon is a graphical representation only and has not been verified by a field survey.

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

DRAWING NO.	D-07-T-980
SURVEY	AUG 07
DRAWN/DATE	C. DOYLE/AUG 07
ADOT REVIEW	K. RICHMOND
eps group, Inc.	
ROUTE NO.	S.R. 801
LOCATION	S.R. 303L - S.R. 202L

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

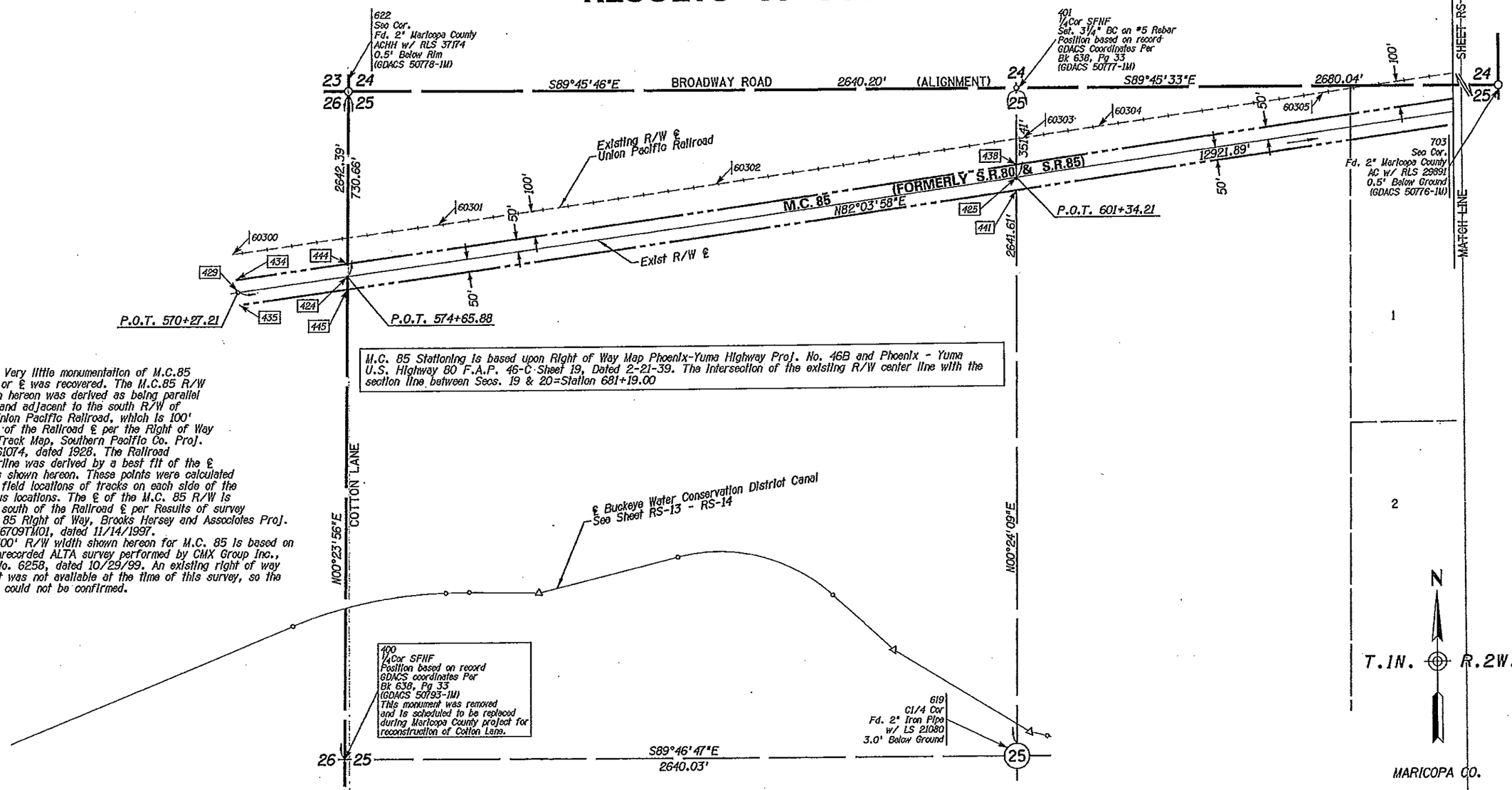
HIGHWAY NAME: I-10 RELIEVER (S.R. 30)
FEDERAL AID NO.: UNASSIGNED
PROJECT NO.: 030 MA 000 H6876 01R

Registered Land Surveyor Certificate No. 15573 GERALD HUGHES Arizona U.S.A.
EXPIRES 3/31/2012

SHEET RS-9

DIN # 67512 -11

RESULTS OF SURVEY



M.C. 85 Stationing is based upon Right of Way Map Phoenix-Yuma Highway Proj. No. 46B and Phoenix - Yuma U.S. Highway 80 F.A.P. 46-C Sheet 19, Dated 2-21-39. The intersection of the existing R/W center line with the section line between Secs. 19 & 20=Station 681+19.00

NOTE: Very little monumentation of M.C.85 R/W or ℄ was recovered. The M.C.85 R/W shown hereon was derived as being parallel with and adjacent to the south R/W of the Union Pacific Railroad, which is 100' south of the Railroad ℄ per the Right of Way and Track Map, Southern Pacific Co. Proj. No. 61074, dated 1928. The Railroad centerline was derived by a best fit of the ℄ points shown hereon. These points were calculated from field locations of tracks on each side of the various locations. The ℄ of the M.C. 85 R/W is 150' south of the Railroad ℄ per Results of survey M.C. 85 Right of Way, Brooks Hersey and Associates Proj. No. 16709TM01, dated 11/14/1997.
The 100' R/W width shown hereon for M.C. 85 is based on an unrecorded ALTA survey performed by CMX Group Inc., Job No. 6258, dated 10/29/99. An existing right of way report was not available at the time of this survey, so the width could not be confirmed.

LEGEND

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

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

DRAWING NO.	D-07-T-980
SURVEY	AUG 07
DRAWN/DATE	C. DOYLE/AUG 07
ADOT REVIEW	K. RICHMOND

eps group, Inc. Engineers, Planners & Surveyors

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

HIGHWAY NAME: I-10 RELIEVER (S.R. 30)
FEDERAL AID NO.: UNASSIGNED
PROJECT NO.: 030 MA 000 H6876 01R
ROUTE NO.: S.R. 801
LOCATION: S.R. 303L - S.R. 202L

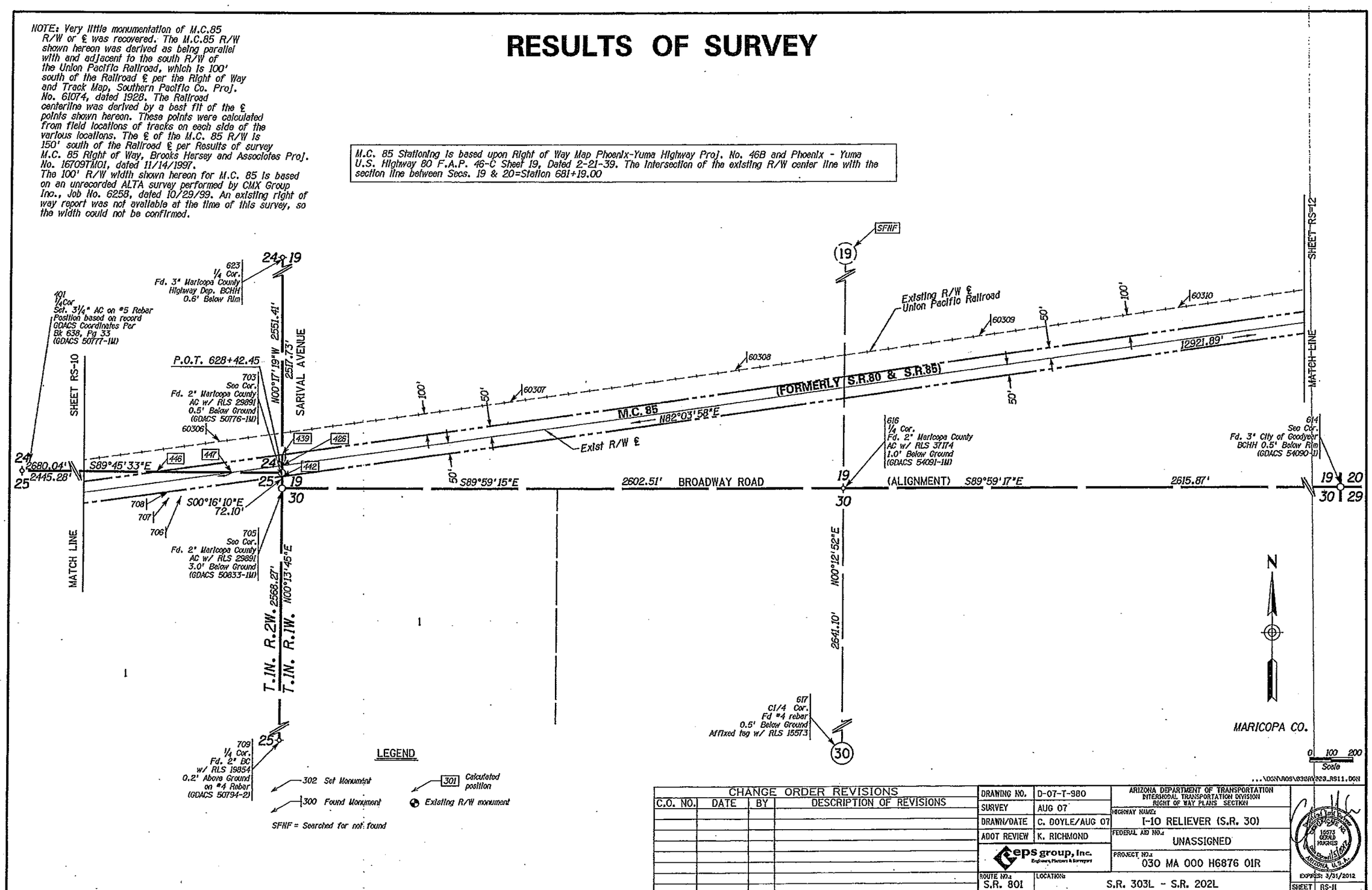
Registered Land Surveyor
CERTIFICATE NO. 15573
GERALD HUGHES
Date Signed 1/31/2012
ARIZONA, U.S.A.
EXPIRES: 3/31/2012
SHEET RS-10

DIN# 67512 -12

RESULTS OF SURVEY

NOTE: Very little monumentation of M.C.85 R/W or ℄ was recovered. The M.C.85 R/W shown hereon was derived as being parallel with and adjacent to the south R/W of the Union Pacific Railroad, which is 100' south of the Railroad ℄ per the Right of Way and Track Map, Southern Pacific Co. Proj. No. 61074, dated 1928. The Railroad centerline was derived by a best fit of the ℄ points shown hereon. These points were calculated from field locations of tracks on each side of the various locations. The ℄ of the M.C. 85 R/W is 150' south of the Railroad ℄ per Results of survey M.C. 85 Right of Way, Brooks Hersey and Associates Proj. No. 16709TM01, dated 11/14/1997. The 100' R/W width shown hereon for M.C. 85 is based on an unrecorded ALTA survey performed by CMX Group Inc., Job No. 6258, dated 10/29/99. An existing right of way report was not available at the time of this survey, so the width could not be confirmed.

M.C. 85 Stationing is based upon Right of Way Map Phoenix-Yuma Highway Proj. No. 46B and Phoenix - Yuma U.S. Highway 80 F.A.P. 46-C Sheet 19, Dated 2-21-39. The Intersection of the existing R/W center line with the section line between Secs. 19 & 20=Station 681+19.00



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

DRAWING NO.	D-07-T-980
SURVEY	AUG 07
DRAWN/DATE	C. DOYLE/AUG 07
ADOT REVIEW	K. RICHMOND
eps group, Inc. Engineers, Planners & Surveyors	
ROUTE NO.: S.R. 801	LOCATION: S.R. 303L - S.R. 202L

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

HIGHWAY NAME: I-10 RELIEVER (S.R. 30)
FEDERAL AID NO.: UNASSIGNED
PROJECT NO.: 030 MA 000 H6876 01R

15573 GERALD HUGHES ARIZONA U.S.A.
EXPIRES: 3/31/2012

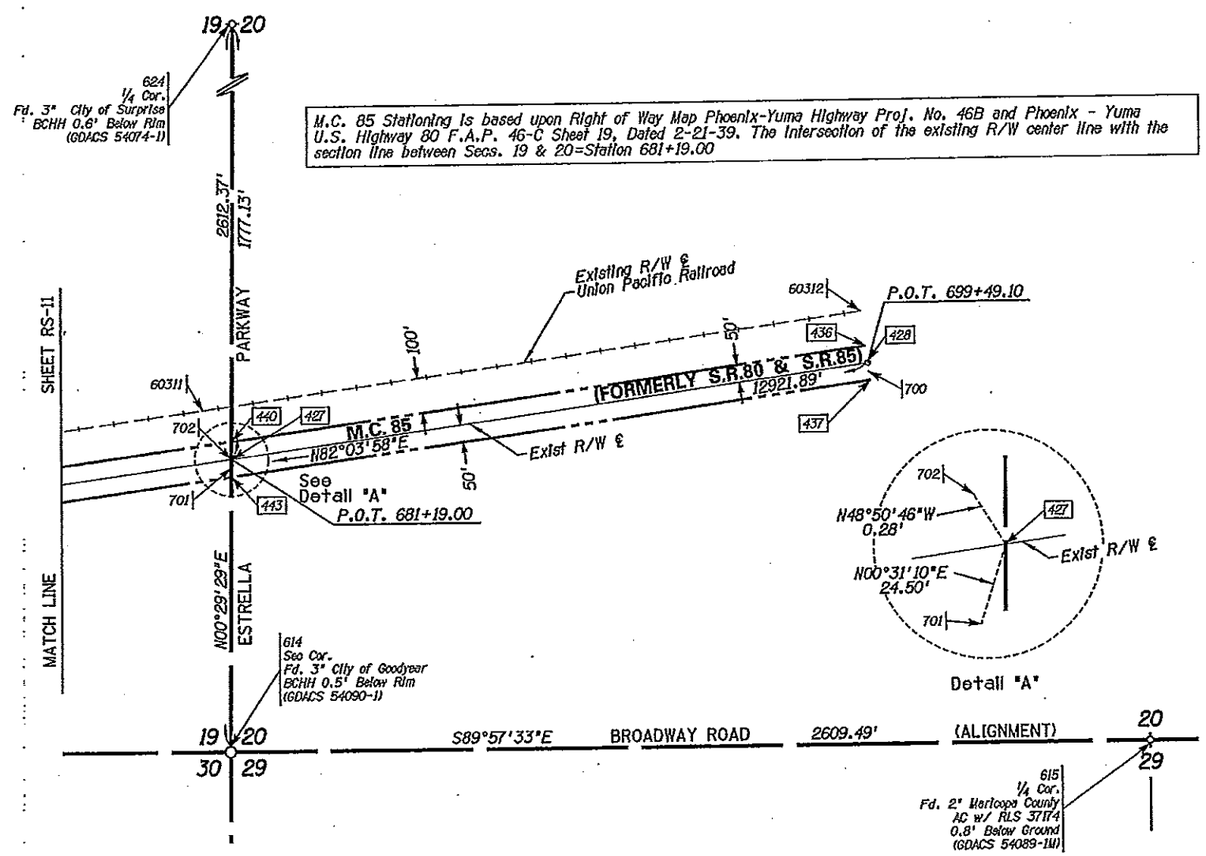
SHEET RS-11

...\DGN\R09\038RW223_RS11.DGN

DIN # 67512-13

RESULTS OF SURVEY

NOTE: Very little monumentation of M.C.85 R/W or ℄ was recovered. The M.C.85 R/W shown hereon was derived as being parallel with and adjacent to the south R/W of the Union Pacific Railroad, which is 100' south of the Railroad ℄ per the Right of Way and Track Map, Southern Pacific Co. Proj. No. 61074, dated 1928. The Railroad centerline was derived by a best fit of the ℄ points shown hereon. These points were calculated from field locations of tracks on each side of the various locations. The ℄ of the M.C. 85 R/W is 150' south of the Railroad ℄ per Results of survey M.C. 85 Right of Way, Brooks Hersey and Associates Proj. No. 16709TM01, dated 11/14/1997.
The 100' R/W width shown hereon for M.C. 85 is based on an unrecorded ALTA survey performed by CMX Group Inc., Job No. 6258, dated 10/29/99. An existing right of way report was not available at the time of this survey, so the width could not be confirmed.



...\DGN\ROS\032RV020_RS12.DGN

LEGEND

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

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

DRAWING NO.	D-07-T-980
SURVEY	AUG 07
DRAWN/DATE	C. DOYLE/AUG 07
ADOT REVIEW	K. RICHMOND
eps group, Inc. Engineers, Planners & Surveyors	
ROUTE NO.: S.R. 801	LOCATION: S.R. 303L - S.R. 202L

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

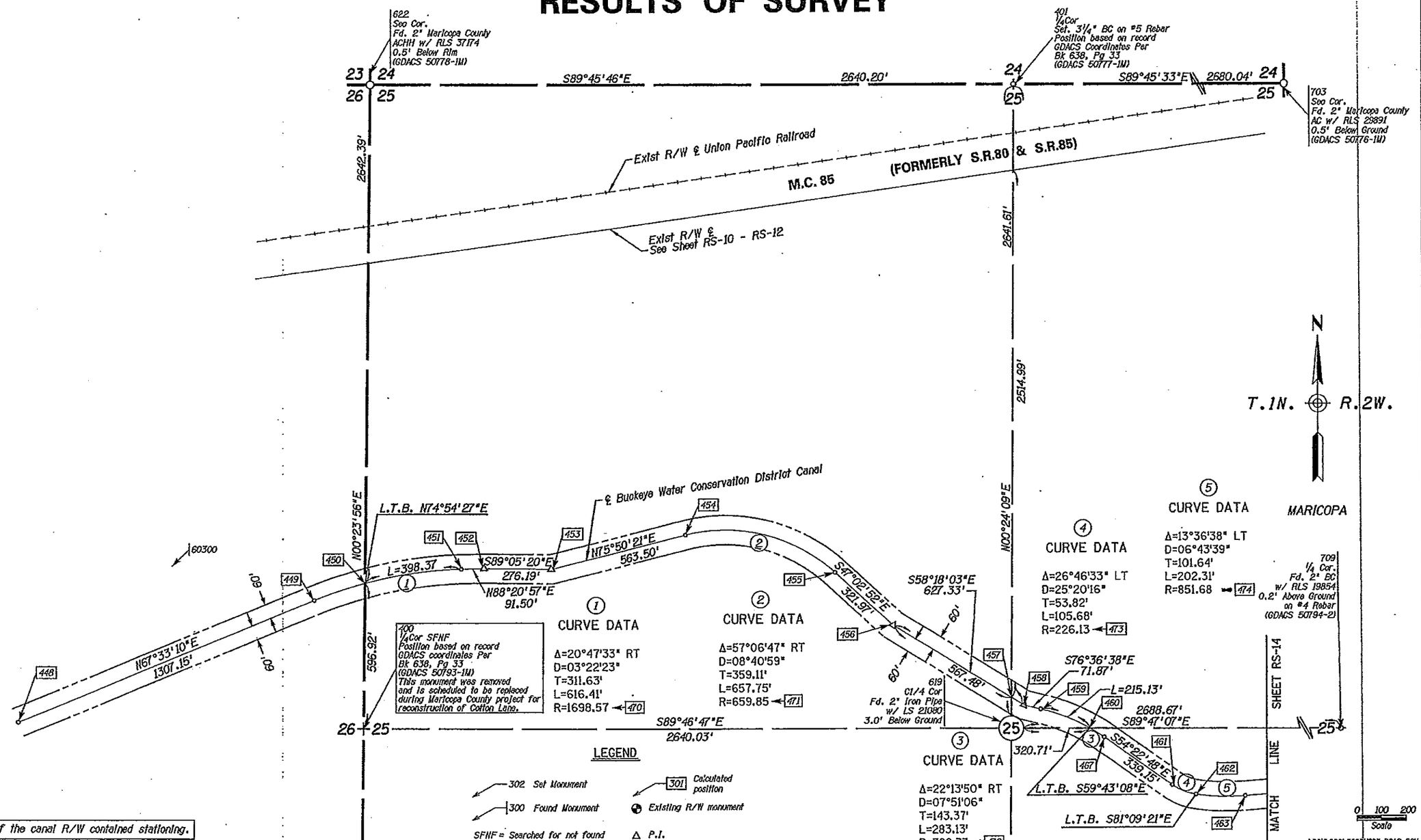
HIGHWAY NAME:	I-10 RELIEVER (S.R. 30)
FEDERAL AID NO.:	UNASSIGNED
PROJECT NO.:	030 MA 000 H6876 01R

REGISTERED LAND SURVEYOR CERTIFICATE NO. 16573 GERALD HUGHES ARIZONA, U.S.A.
EXPIRES: 3/31/2012

SHEET RS-12

DIN # 67512-14

RESULTS OF SURVEY



LEGEND

302 Set Monument
300 Found Monument
SFNF = Searched for not found
301 Calculated position
Existing R/W monument
△ P.I.

No record maps of the canal R/W contained stationing.

The centerline of the Buckeye Water Conservation District canal Right of Way shown hereon is based upon an unrecorded Results of Survey prepared by Scott T. Burden AZ R.L.S. No. 13554, dated 6/26/85. The survey is on file at the Maricopa County Department of Transportation.

The Buckeye Water Conservation District claims a prescriptive easement 120 feet in width or to the toe of the canal bank, whichever is greater.

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

DRAWING NO.	D-07-T-980
SURVEY	AUG 07
DRAWN/DATE	C. DOYLE/AUG 07
ADOT REVIEW	K. RICHMOND

eps group, Inc.

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

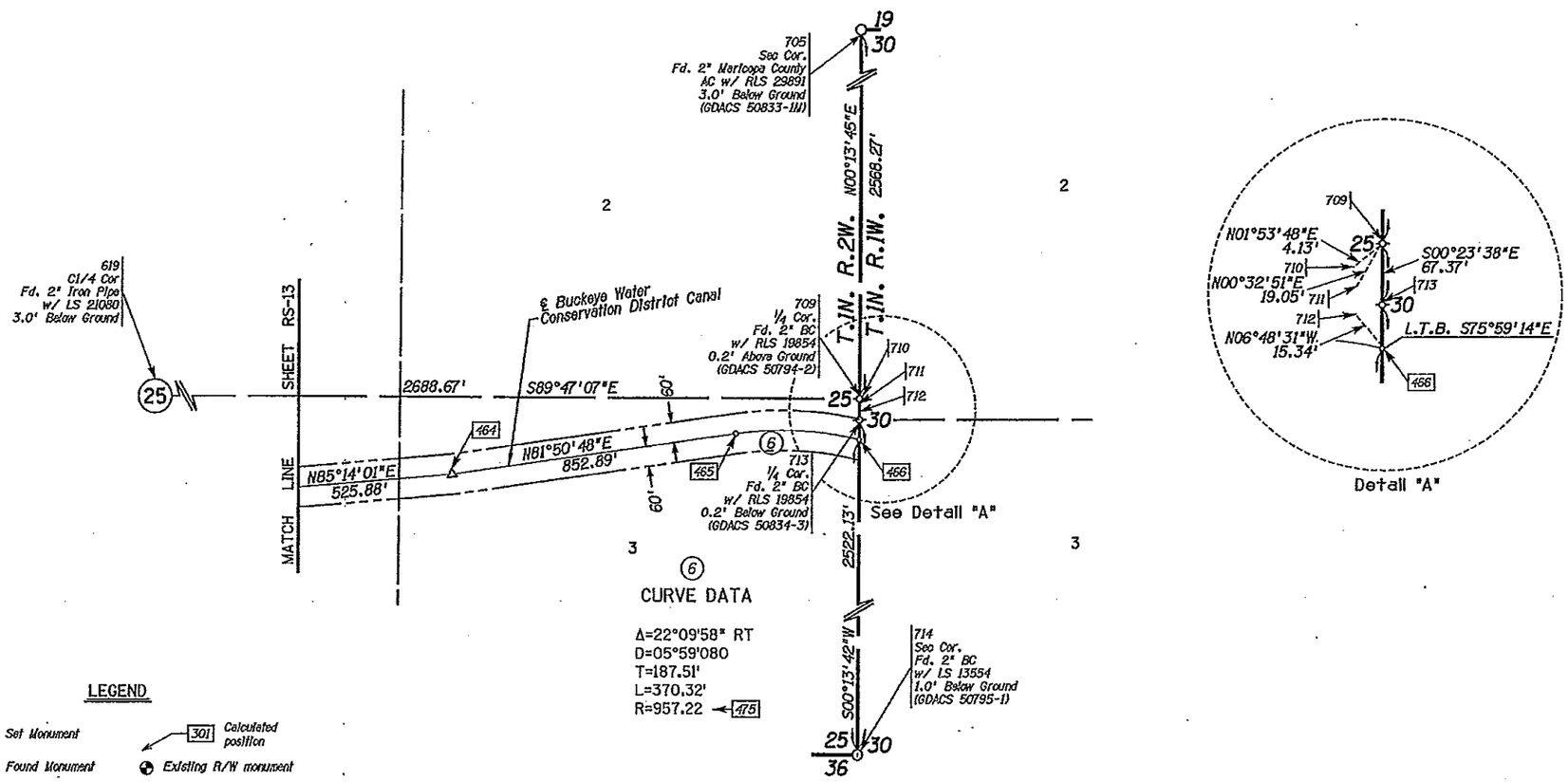
HIGHWAY NAME: I-10 RELIEVER (S.R. 30)
FEDERAL AID NO.: UNASSIGNED
PROJECT NO.: 030 MA 000 H6876 01R
ROUTE NO.: S.R. 801
LOCATION: S.R. 303L - S.R. 202L

Registered Land Surveyor
GERALD HUGHES
15573
ARIZONA, U.S.A.
EXPIRES 3/31/2012

SHEET RS-13

DIM # 67512 - 15

RESULTS OF SURVEY



LEGEND

302 Set Monument

300 Found Monument

301 Calculated position

Existing R/W monument

SFNF = Searched for not found

No record maps of the canal R/W contained stationing.

The centerline of the Buckeye Water Conservation District canal Right of Way shown hereon is based upon an unrecorded Results of Survey prepared by Scott T. Burden AZ R.L.S. No. 13554, dated 6/26/85. The survey is on file at the Maricopa County Department of Transportation.

The Buckeye Water Conservation District claims a prescriptive easement 120 feet in width or to the toe of the canal bank, whichever is greater.

...\DGN\RDS\0300\220_RS14.DGN

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

DRAWING NO.	D-07-T-980
SURVEY	AUG 07
DRAWN/DATE	C. DOYLE/AUG 07
ADOT REVIEW	K. RICHMOND

eps group, Inc. Engineers, Planners & Surveyors

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

HIGHWAY NAME: I-10 RELIEVER (S.R. 30)

FEDERAL AID NO.: UNASSIGNED

PROJECT NO.: 030 MA 000 H6876 01R

ROUTE NO.: S.R. 801

LOCATION: S.R. 303L - S.R. 202L

15573 GERALD HUGHES ARIZONA, U.S.A.

EXPIRES: 3/31/2012

SHEET RS-14

DIN# 67512 -16

RESULTS OF SURVEY

MISCELLANEOUS MONUMENTATION

PT.	NORTHING	EASTING	DESCRIPTION
518	876419.08800	602365.78400	3" City of Phoenix BCHH, 0.6' below rim (GDACS 54285-2)
521	876415.76200	604746.87600	3" City of Phoenix BCHH, 0.5' below rim (GDACS 54283-1)
525	873019.44500	597055.61600	4" Maricopa County Engineering Dept. BC, Flush (GDACS 54298-1)
529	870395.53900	599661.32100	2" AC, Flush w/ LS 25393 (GDACS 54308-1)
531	873084.58000	591603.08200	#5 RB w/ no tag, 0.3' below ground (GDACS 54296-1)
538	865104.09730	591526.74720	1-1/2" stainless steel rod w/no tag, 1.0' below ground (GDACS 54331-2)
540	867851.47400	591675.55200	#4 RB w/ no tag, 0.5' above ground (GDACS 54318-1)
541	867849.18000	591677.58200	#4 RB w/ no tag, Flush (GDACS 54318-2)
576	865192.85000	576123.78800	Cotton picker spindle w/ no tag, 0.2' below ground (GDACS 54122-1)
581	865278.90000	568128.44000	#4 RB w/ no tag, 0.4' below ground (GDACS 54173-1)
602	875847.09600	565585.70300	#4 RB w/ no tag, 0.6' below ground (GDACS 54086-1)
700	876948.36640	556775.90010	3" MCDOT BC, Flush
701	876696.35810	554965.58430	3" City of Goodyear BCHH, 0.5 below rim
702	876721.04710	554965.59280	3" City of Goodyear BCHH, 0.5 below rim
704	875890.35300	549746.43600	#4 RB w/ no tag, 0.5' below ground (GDACS 50833-2-1)
706	875846.23690	549269.54400	#4 RB w/ 1" plastic cap w/ RLS 19854, 1.0' below ground
707	875838.14400	549210.98150	#4 RB w/ 1" plastic cap w/ RLS 19854, 1.0' below ground
708	875868.07790	549206.86890	#4 RB w/ 1" plastic cap w/ RLS 19854, 1.0' below ground
710	873314.38100	549729.86200	#4 RB w/ no tag, 0.7' below ground (GDACS 50797-3)
711	873299.47000	549729.81700	#4 RB w/ 1" plastic cap w/ RLS 19854, Flush (GDACS 50794-1)
712	873266.37900	549727.71800	#4 RB w/ 2" BC w/ TIN / RIW / WI-4 / S30 / LS 13554 (GDACS 50834-1)
10001	876314.64370	613085.29067	#4 RB w/ 1" plastic cap w/ RLS 37174, Flush
10002	870408.10500	576078.26970	#4 RB w/ 1" plastic cap w/ RLS 15336, 0.3' below ground
10009	876358.95907	609714.33730	#4 RB w/ 1" plastic cap w/ T. ROPE LS 21081, 0.1' below ground
10011	876078.70492	609118.36403	#4 RB w/ 1" plastic cap w/ T. ROPE LS 21081, Flush
10012	875698.73248	609117.34725	#5 RB w/ 1-1/2" plastic cap w/ PHILLIP W. ROSENDAHL AZ 24532, 0.1' below ground
10014	875633.72831	608429.73717	#8 RB w/ no tag, 0.7' above ground
10015	874703.40392	608427.73495	½" Iron Pipe w/ no tag 0.4' below ground
10022	873745.83088	611662.48042	#4 RB w/ 1" plastic cap w/ SIDLER/LS28232, 0.3' above ground
10023	874167.29550	611659.19642	#4 RB w/ no tag, 0.2' above ground
10028	874776.54399	611341.79325	1" Iron Pipe w/ no tag 1.0' below ground
10030	874678.74111	610957.49617	#4 RB w/ no tag, 0.1' below ground
10033	875934.85158	610518.08402	#4 RB w/ 1" plastic cap w/ 843-3015/RLS 33323, 0.1' below ground
10034	875879.64324	610517.79889	#2 RB w/ no tag, 0.3' below ground
10035	875860.12396	610498.01176	#2 RB w/ no tag, 0.3' below ground
10037	876079.07444	609713.45635	PK Nail w/ no tag, Flush
10043	873231.69790	589002.68390	#4 RB w/ no tag, 0.6' below ground
10046	870466.98259	585149.35930	3" BC Illegible, Flush
10049	871761.44627	584476.24751	#4 RB w/ 1" plastic cap w/ RLS 12600, Flush
10050	871768.11948	585130.29576	#4 RB w/ no tag, 0.1' below ground
10051	871754.84497	583822.27385	#4 RB w/ 1" plastic cap w/ K. WEST / RLS 12600, 0.5' below ground
10052	871741.64350	582502.87930	#4 RB w/ 1" plastic cap w/ CNX / RLS28730, 0.1' below ground
10057	871728.22780	581256.78050	1" Iron Pipe w/ no tag 1.0' below ground
10058	872618.63427	586423.40863	3" Maricopa County Highway Dept. BC, Flush
10059	872599.99415	583920.17159	#4 RB w/ 1" plastic cap w/ K. WEST / RLS 12600, Flush
10060	872516.99070	583920.79668	#4 RB w/ 1" plastic cap w/ K. WEST / RLS 12600, Flush
10061	874224.23857	609747.85971	¾" Iron Pipe w/ no tag, 0.3' below ground
10072	871771.77650	575997.90640	PK Nail w/ no tag, Flush
10076	871781.63400	572064.14530	#4 RB w/ 1" plastic cap w/ CULVER / AZ29868, 0.1' below ground
10077	870481.65240	572061.63830	3" Maricopa Highway Dept. BC, flush
10078	870484.44180	571477.15980	PK Nail w/ no tag, Flush
10088	875846.30806	612432.70356	#4 RB w/ 1" plastic cap w/ RBF LS37174, Flush
10115	872618.24471	586368.46412	#4 RB w/ no tag, 0.4' below ground
10117	870491.73258	584493.48052	#4 RB w/ no tag, Flush
10119	870521.39031	585098.53602	1" Iron pipe w/ no tag, 1.0' below ground
10123	870514.70630	583782.76840	#4 RB w/ no tag, 0.8' below ground
10128	870483.62350	581301.28400	#4 RB w/ 1" plastic cap w/ illegible markings, Flush
10129	870498.40400	581286.28170	#4 RB w/ 1" plastic cap w/ illegible markings, Flush
10140	870396.32270	576051.96480	#4 RB w/ 1" plastic cap w/ RLS 15336, 0.3' below ground
10141	870408.41010	576064.27250	#4 RB w/ 1" plastic cap w/ RLS 15336, 0.3' below ground
10148	870501.35780	575005.59300	1" Iron Pipe w/ no tag, 0.7' below ground
10149	870533.39540	575005.70580	#4 RB w/ no tag, 0.1' below ground
10185	875441.49464	596836.11241	3" Maricopa Highway Dept. BC, flush
10190	869092.63660	581218.21230	3" Maricopa Highway Dept. BC, flush
10191	868473.28890	581113.17840	3" Maricopa Highway Dept. BC, flush
10192	865922.38080	580228.49600	3" Maricopa Highway Dept. BC, flush
10281	873049.21330	582515.61810	1" Iron Pipe w/ no tag, 0.7' below ground
10283	871774.40610	575008.12240	#6 RB w/ no tag, 0.7' below ground
10284	872516.20530	583812.88740	#4 RB w/ 1" plastic cap w/ K. WEST / RLS 12600, Flush
60300	875339.81705	543959.28585	ol RR
60301	875452.85410	544772.53935	ol RR
60302	875605.39720	545869.29015	ol RR
60303	875774.37145	547085.51840	ol RR
60304	875816.25175	547387.54600	ol RR
60305	875939.63975	548272.91790	ol RR
60306	876103.51610	549449.44140	ol RR
60307	876291.08185	550796.06360	ol RR
60308	876436.66240	551840.09020	ol RR
60309	876594.72035	552974.30335	ol RR
60310	876723.59450	553898.83340	ol RR
60311	876860.88840	554883.74610	ol RR
60312	877122.11965	556757.67255	ol RR

* CL RR Calculated from GPS observations made on rails on each side of calculated position.

EXISTING R/W LINE M.C. 85

THE FOLLOWING LIST OF POINTS REPRESENTS THE EXISTING RIGHT OF WAY LINE AS DETERMINED BY AN ANALYSIS OF MONUMENTATION FOUND DURING THE COURSE OF THIS SURVEY AND THE EXISTING DOCUMENTATION LISTED HEREIN.

LEFT SIDE			RIGHT SIDE		
PT.	STATION	OFFSET	PT.	STATION	OFFSET
434	570+27.21	50.00 LT	435	570+27.21	50.00 RT
444	574+73.20	50.00 LT	445	574+58.55	50.00 RT
438	601+41.54	50.00 LT	441	601+26.88	50.00 RT
446	622+57.53	50.00 LT	442	628+35.73	50.00 RT
439	628+49.16	50.00 LT	443	681+11.60	50.00 RT
440	681+26.41	50.00 LT	437	699+49.10	50.00 RT
436	699+49.10	50.00 LT			

UNRECORDED SURVEYS USED

SEC.	TWP.	RNG.	NAME	PROJECT NO.	DATE	SOURCE
25	1N.	2W.	ALTA/ACSM Land Title Survey, CMX Group, Inc.	6258	1999	MCDOT
25	1N.	2W.	Results of Survey, Scott T. Burden		1986	MCDOT
30	1N.	1W.	ALTA/ACSM Land Title Survey, CMX Group, Inc.	6258	1999	MCDOT
20&29	1N.	1W.	Control Diagram, Brooks Hersey and Associates, Inc.	10910TN014	1997	MCDOT
36	1N.	1W.	Results of Survey, West Valley Engineering	90-1353	2003	MCDOT
36	1N.	1W.	Geometric & Right of Way Plan, Urban Engineering	68832	1996	MCDOT
25	1N.	1W.	Results of Survey, Vaughn Land Surveying Inc.	9815	1998	MCDOT
19&20	1N.	1W.	Results of Survey, Brooks Hersey and Associates, Inc.	16709TN01	1997	MCDOT

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

DRAWING NO.	D-07-T-980
SURVEY	AUG 07
DRAWN/DATE	C. DOYLE/AUG 07
ADOT REVIEW	K. RICHMOND
eps group, Inc. Engineers, Planners & Surveyors	
ROUTE NO.: S.R. 801	LOCATION: S.R. 303L - S.R. 202L

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

HIGHWAY NAME: I-10 RELIEVER (S.R. 30)

FEDERAL AID NO.: UNASSIGNED

PROJECT NO.: 030 MA 000 H6876 01R

15573 GERALD HUGHES ARIZONA, U.S.A. REGISTERED LAND SURVEYOR

EXPIRES 3/31/2012

SHEET RS-15

DIN# 67512-17

RESULTS OF SURVEY

SECTION CORNERS

PT.	NORTHING	EASTING	DESCRIPTION
100	865120.91700	581209.68400	BLN BC
400	873338.73900	544401.34500	AC
401	875970.13100	547059.91200	AC
402	873231.20936	557564.76486	CALC
403	867836.09863	573394.53616	CALC
404	867797.05256	578636.99177	CALC
405	865117.29331	583844.72050	CALC
406	867867.68715	589073.56988	CALC
407	865111.97323	589115.21257	CALC
408	867800.19778	594358.76620	CALC
409	873076.38366	594266.70384	CALC
410	873231.89137	599561.45576	CALC
430	865278.88425	568126.97769	CALC
431	865256.88500	570657.42600	CALC
432	876228.49800	617757.53700	CALC
433	867885.90000	565556.12500	CALC
468	875745.63400	594200.32000	AC
469	873395.70700	602184.10800	CALC
476	865188.86800	575938.15500	CALC
500	876228.24990	617757.60550	BC
501	876335.04500	615024.65400	BC
502	876382.33500	612383.54900	BCHH
503	873741.39000	612379.53600	BCHH
504	870379.43800	612784.71300	BCHH
505	870376.66300	615413.03000	BCHH
506	870374.44900	618057.95000	BCHH
507	873301.40000	617907.62000	BC
508	873516.14920	615208.37100	RB
509	876413.99000	609754.52900	BC
510	876412.79900	607109.43400	BCHH
511	873392.24000	607223.40000	RB
512	870377.67300	610143.66500	BCHH
513	870375.89000	607534.52100	BCHH
514	870373.30900	604925.76600	BC
515	865102.87800	597025.76200	IP
516	870372.34800	602322.38200	AC
517	873022.03800	602201.19800	AC
519	876419.06900	602045.83500	BCHH
520	876416.10800	604577.47400	BC
522	873394.17220	604751.15390	RB
523	876082.86900	599435.49900	AC
524	875745.30700	596823.03400	BCHH
526	873068.12000	596939.51200	AC
527	870388.45700	597054.91600	BCHH
528	870377.68900	599687.55500	BC
530	870594.68300	591607.31600	BCHH
532	873084.63300	591598.52500	AC
533	875746.06700	591577.23900	BCHH
534	870492.08300	594330.97500	AC
535	867747.87700	597040.34100	BC
536	865103.38170	594386.60830	IP
537	865110.27700	591750.66800	GLO BC
539	867852.48400	591678.96300	BC
542	870538.99600	589033.20100	BCHH
643	870483.49600	586459.88300	BCHH
544	867882.73100	586495.47800	AC
545	865113.88800	586479.75730	STONE
546	870450.59800	583838.61700	BCHH
547	873078.68100	586415.63300	BC
548	875740.01700	588974.92200	BC
549	873081.24457	589004.64991	IP
550	875678.16900	578617.58500	AC
551	875660.88900	581229.23200	BCHH
552	873040.12900	581225.39900	BCHH
553	875695.39100	576006.00000	BCHH
554	873079.46800	576000.63200	BCHH
555	873059.83971	578613.00402	RB
556	870417.60200	581221.29700	BCHH
557	870440.92000	578608.62600	BCHH
558	870464.14500	575995.22600	BCHH
559	875686.47600	573383.07200	AC

SECTION CORNERS (CONT.)

PT.	NORTHING	EASTING	DESCRIPTION
560	875677.48100	570760.13100	GLO BCHH
561	873082.55400	570755.18900	BCHH
562	870487.77500	570750.42200	BCHH
563	870475.76700	573373.23900	BCHH
564	873080.95583	573378.33427	IP
565	875708.43900	583773.32400	BCHH
566	875734.10100	586372.67900	BCHH
567	873059.22204	583806.14587	RB
568	867829.28083	583842.15282	POST
569	867769.19400	581215.48900	BCHH
570	865154.89253	578573.91687	BC AP
571	865186.47402	576123.93339	BC CC
572	867824.89900	576059.61700	BCHH
573	865256.27358	570707.87229	AC CC
574	865257.16600	570657.42700	AC AMCC
575	865256.80500	570666.64000	GLO BC AP
577	865154.93300	578571.29700	BCHH CC
578	865156.88200	578665.31900	BC AMCC
579	865153.71392	578665.35187	BC CC
580	865278.60800	568126.97600	AC CC
582	865288.83400	568144.15500	AC, RM to 580
583	865295.92500	568117.03800	AC, RM to 580
584	865279.77300	568024.74900	AC AP
585	865279.84800	568015.28400	AC CC
586	865278.56700	568015.28000	AC AMCC
587	865300.70400	565546.08365	ACHH AMCC
588	865301.30788	565546.08600	AC CC
590	865302.72600	565382.86000	AC AP
591	867847.30200	570728.56300	AC
592	870499.56200	568158.47200	AC
593	867866.87544	568142.76776	RB
594	867424.90900	565554.39200	AC WC
595	867446.11800	565533.03800	AC, RM to 594
596	867445.79300	565575.71800	AC, RM to 594
597	875762.28000	568175.33300	AC
598	873135.45215	568167.00432	CPS
599	873188.35100	565575.75200	AC
600	870529.22400	565566.42400	AC
601	875847.49300	565585.49900	AC
603	870563.93700	560182.20400	BCHH
604	873222.65200	560182.38000	BCHH
605	870546.77413	562874.33149	BC
606	873205.46609	562879.08952	RB
607	875864.47300	562883.84800	BCHH
608	875882.10100	560182.71400	BCHH
609	870578.85000	557561.40000	AC
610	870594.59300	554940.21600	AC
611	870562.06500	555016.23400	STONE, RM to 610
612	870642.80500	554987.04200	STONE, RM to 610
613	873239.76500	554947.67700	BCHH
614	875885.64800	554958.64400	BCHH
615	875883.78800	557568.13000	AC
616	875886.19800	552342.77800	AC
617	873245.11660	552332.88832	RB
618	870607.41800	552323.30400	AC
619	873328.59097	547041.35093	IP
620	870683.56700	547022.57700	BC
621	870696.86300	544383.09900	BC
622	875981.06800	544419.73800	ACHH
623	878510.24515	549727.07826	BCHH
624	878497.92118	554981.04576	BCHH
703	875958.86300	549739.92800	AC
705	875886.76400	549740.26700	AC
709	873318.51800	549729.99900	BC
713	873251.15200	549729.53600	BC
714	870669.82800	549719.24600	BC
715	870620.28900	549719.02100	BC
716	865222.95400	573293.84200	AC CC
717	865222.83400	573302.40400	AC AP
718	865221.37487	573415.63207	AC CC
10000	873757.45892	609746.39192	BCHH
10003	874925.59710	615116.51250	RB

CALCULATED POINTS

PT.	NORTHING	EASTING	
424	875250.42115	544414.65204	SR 85 CL
425	875618.72808	547057.44283	SR 85 CL
426	875992.54007	549739.73524	SR 85 CL
427	876720.86040	554965.80643	SR 85 CL
428	876973.46715	556778.38919	SR 85 CL
429	875189.87224	543980.18260	SR 85 CL
434	875239.39365	543973.28115	Ex R/W
435	875140.35083	543987.08405	Ex R/W
436	877022.98856	556771.48774	Ex R/W
437	876923.94574	556785.29064	Ex R/W
438	875669.26078	547057.79790	Ex R/W
439	876042.99111	549739.50430	Ex R/W
440	876771.40402	554966.23987	Ex R/W
441	875568.19538	547057.08776	Ex R/W
442	875942.09471	549740.00684	Ex R/W
443	876670.31678	554965.37299	Ex R/W
444	875300.95338	544415.00379	Ex R/W
445	875199.88891	544414.30029	Ex R/W
446	875961.32847	549153.53308	Ex R/W
447	875959.85004	549505.16750	SR 85 CL
448	873366.42312	542991.08848	Canal R/W CL
449	873865.53501	544199.19793	Canal R/W CL
450	873935.64460	544405.50000	Canal R/W CL
451	873993.52448	544798.71826	Canal R/W CL
452	873996.16049	544890.18172	Canal R/W CL
453	873991.76865	545166.34028	Canal R/W CL
454	874129.62472	545712.71269	Canal R/W CL
455	873972.78376	546323.75825	Canal R/W CL
456	873753.39438	546559.41820	Canal R/W CL
457	873455.20681	547042.24061	Canal R/W CL
458	873423.75991	547093.15912	Canal R/W CL
459	873407.11656	547163.07771	Canal R/W CL
460	873327.38946	547362.05462	Canal R/W CL
461	873092.89455	547694.78789	Canal R/W CL
462	873053.27405	547791.71973	Canal R/W CL
463	873046.09303	547993.43114	Canal R/W CL
464	873089.79021	548517.49426	Canal R/W CL
465	873210.74955	549361.76505	Canal R/W CL
466	873191.93974	549729.29996	Canal R/W CL
467	873290.41783	547419.09371	Canal R/W CL
470	872295.66279	544847.76656	Canal R/W CL
471	873489.82278	545874.14212	Canal R/W CL
472	872697.22461	546994.09571	Canal R/W CL
473	873276.71342	547826.48638	Canal R/W CL
474	873894.82276	547922.66277	Canal R/W CL
475	872263.20703	549497.52021	Canal R/W CL

CALCULATED POINTS (CONT.)

PT.	NORTHING	EASTING	
60004	875061.95001	612381.55950	
60006	875834.92763	613076.70554	
60013	875698.72664	608864.53727	
60016	874563.52421	608561.93851	
60017	874411.70959	608883.80149	
60018	874269.74095	609225.66511	
60019	874263.51530	609517.83879	
60020	874228.13884	609698.36521	
60024	874648.53389	612003.29372	Calo Sub Cor
60025	874848.84367	612003.59422	Calo Sub Cor
60026	874844.81003	611916.87799	Calo Sub Cor
60027	874812.99732	611536.07264	Calo Sub Cor
60029	874663.50587	610957.62815	Calo Sub Cor
60031	874671.25953	610914.80753	Calo Sub Cor
60032	875930.06895	610916.01244	
60036	875868.36011	609813.01264	
60037	875888.59781	609793.07363	
60038	876358.59359	609794.40533	
60039	875744.19684	590735.19424	
60040	875129.40561	590741.14230	
60041	875131.36088	591582.17308	
60042	873234.66731	591597.34273	
60048	870458.91001	584493.95050	
60054	872383.73710	581224.38917	
60071	870468.62033	575005.32517	
60073	870452.75734	577276.62540	
60074	867811.57977	577292.40103	
60075	871785.33548	570785.82270	
60079	871317.82351	571478.67249	
60080	871318.01589	571436.13292	
60081	871783.73510	571436.98852	
60282	872395.70658	582519.62606	
60315	872395.51214	582498.73724	

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CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-07-T-980
SURVEY	AUG 07
DRAWN/DATE	C. DOYLE/AUG 07
ADOT REVIEW	K. RICHMOND

eps group, Inc. Engineers, Planners & Surveyors

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

HIGHWAY NAME: I-10 RELIEVER (S.R. 30)

FEDERAL AID NO.: UNASSIGNED

PROJECT NO.: 030 MA 000 H6876 01R

ROUTE NO.: S.R. 801

LOCATION: S.R. 303L - S.R. 202L

CERTIFICATE NO. 15573 GERALD HUGHES ARIZONA, U.S.A. EXPIRES: 3/31/2012

SHEET RS-16

DIN # 67512 -18

RESULTS OF SURVEY

PUBLIC INFORMATION USED

MARICOPA COUNTY RECORDER'S OFFICE

SEC.	TWP.	RNG.	BOOK	PAGE	NAME
1-36	1N.	2W.	638	33	GDACS
25	1N.	2W.	333	33	Results of Survey
36	1N.	2W.	643	5	ALTA/ACSM Land Title Survey
31	1N.	1W.	643	5	ALTA/ACSM Land Title Survey
1-36	1N.	1W.	694	38	GDACS
19	1N.	1W.	893	26	Lot Split
19	1N.	1W.	498	42	Results of Survey
19&20	1N.	1W.	471	10	Plat of County Road
30	1N.	1W.	812	21	Record of Survey
29,30&31	1N.	1W.	1	82	Results of Survey
22	1N.	1W.	470	42	Results of Survey
22	1N.	1W.	593	20	Results of Survey
22	1N.	1W.	608	1	Record of Survey
27	1N.	1W.	725	33	Record of Survey
27	1N.	1W.	864	43	Minor Land Division
23	1N.	1W.	780	42	Results of Survey
26	1N.	1W.	85	46	Final Plat, Sierra Estrella Ranchos
26	1N.	1W.	103	3	Final Plat, Green Valley Ranches
26	1N.	1W.	107	42	Final Plat, Green Valley Ranches Unit Two
26	1N.	1W.	869	49	Results of Survey / Minor Land Division
26	1N.	1W.	818	17	Land Division Survey
26	1N.	1W.	818	19	Land Division Survey
26	1N.	1W.	788	46	Land Division Survey
25	1N.	1W.	750	17	Results of Survey
25	1N.	1W.	674	44	Record of Survey
25	1N.	1W.	814	47	Results of Survey / Minor Land Division
25	1N.	1W.	795	18	Minor Land Division
25	1N.	1W.	798	36	Amended Minor Land Division
24	1N.	1W.	608	27	ALTA/ACSM Land Title Survey
24	1N.	1W.	608	28	Results of Survey
33	1N.	1W.	698	19	Record of Survey / Minor Land Division
33	1N.	1W.	738	32	Record of Survey / Minor Land Division
34	1N.	1W.	256	9	Results of Survey
35	1N.	1W.	748	39	Results of Survey
36	1N.	1W.	825	24	Record of Survey
36	1N.	1W.	108	5	Report of Survey
36	1N.	1W.	110	12	Final Plat, Holly Acres
36	1N.	1W.	143	48	Results of Survey
1-36	1N.	1E.	686	43	GDACS
30	1N.	1E.	110	5	Final Plat, Estrella Country Estates
30	1N.	1E.	144	40	Results of Survey
30	1N.	1E.	75	6	Final Plat, Dix-Lee
30	1N.	1E.	101	45	Final Plat, Haciendas Del Oeste
30	1N.	1E.	404	47	Final Plat, Terra Mobile Ranchettes Estates
30	1N.	1E.	549	45	Land Division Survey
30	1N.	1E.	735	18	Land Division Survey
31	1N.	1E.	876	15	Amended Site Survey
20	1N.	1E.	700	39	Final Plat, Sunset Farms Unit 1
20	1N.	1E.	698	31	Final Plat, Sunset Farms Unit 3
29	1N.	1E.	697	16	Final Plat, Farmington Glen
29	1N.	1E.	250	28	Results of Survey
29	1N.	1E.	903	15	Minor Land Division
29	1N.	1E.	609	37	Record of Survey
29	1N.	1E.	625	33	Record of Survey
29	1N.	1E.	697	4	Record of Survey
29	1N.	1E.	316	32	Results of Survey
29	1N.	1E.	259	14	Results of Survey
32	1N.	1E.	375	50	Results of Survey
32	1N.	1E.	406	14	Results of Survey
21	1N.	1E.	786	39	Final Plat, Sunset Farms Unit 4
28	1N.	1E.	281	19	Boundary survey
33	1N.	1E.	570	23	Results of Survey
33	1N.	1E.	425	7	Boundary & Lot Split
33	1N.	1E.	873	2	Results of Survey / Minor Land Division
27	1N.	1E.	281	19	Boundary Survey
23	1N.	1E.	549	4	Final Plat, Estrella Village Manor
23	1N.	1E.	601	17	Final Plat, Estrella Village Manor II
23	1N.	1E.	907	45	Final Plat, Tuscano P.C.D. Phase 2 Parcel C
23	1N.	1E.	907	46	Final Plat, Tuscano P.C.D. Phase 2 Parcel B
35	1N.	1E.	796	50	Report of Survey, Lot Split Map
24	1N.	1E.	681	38	Final Plat, Sienna Vista
25	1N.	1E.	731	23	Results of Survey
25	1N.	1E.	124	22	Results of Survey
25	1N.	1E.	268	15	Boundary Survey
25	1N.	1E.	157	18	Final Plat, Western Heritage Estates
25	1N.	1E.	169	30	Final Plat, Western Heritage Estates Unit-2
25	1N.	1E.	397	15	Record of Survey
25	1N.	1E.	711	9	Record of Survey

PUBLIC INFORMATION USED (CONT.)

MARICOPA COUNTY RECORDER'S OFFICE

SEC.	TWP.	RNG.	BOOK	PAGE	NAME
25	1N.	1E.	731	23	Results of Survey
25	1N.	1E.	786	17	Record of Survey
25	1N.	1E.	819	4	Minor Land Division
25	1N.	1E.	2	33	Results of Survey
25 & 26	1N.	1E.	268	15	Boundary Survey
35 & 36	1N.	1E.	626	28	ALTA/ACSM Land Title Survey
35 & 36	1N.	1E.	698	30	Final Plat, Laveen Ranch
35 & 36	1N.	1E.	712	28	Final Plat, Laveen Ranch Amended
36	1N.	1E.	668	4	Final Plat, Laveen Farms-Phase I
36	1N.	1E.	669	4	Final Plat, Laveen Farms Development Unit P
1-36	1N.	2E.	789	13	GDACS
19	1N.	2E.	525	46	Final Plat, Rio Del Rey Unit I
19	1N.	2E.	587	39	Final Plat, Rio Del Rey Unit II
19	1N.	2E.	639	12	Final Plat, Rio Del Rey Unit IV
30	1N.	2E.	909	37	Final Plat, Cascata
31	1N.	2E.	159	22	Final Plat, Rancho Grande Tres
1-36	1S.	2E.	661	16	GDACS
1& 12	1S.	1E.	661	16	Record of Survey

ADOT & RAILROAD RIGHT -OF-WAY PLANS, AS-BUILTS AND SURVEYS

PROJECT #	DRAWING #	ADOT TRACS #	NAME	DATE
	-------	---------	PHOENIX - YUMA U.S. HIGHWAY 80	1939
S-371(2)	-------	---------	BUCKEYE - PHOENIX HWY AS-BUILT	1961
46B	-------	---------	PHOENIX -YUMA HIGHWAY RIGHT OF WAY MAP	1935
	-------	010 MA 000 H6876 01L	AERIAL CONTROL SURVEY-10 RELIEVER, SR 303L & SR85 - SR 202L BY ALPHA ENGINEERING	2006
	D-7-T-963	303L MA 005 H6811 01R	SR 303L (ESTRELLA FREEWAY)	2008
	D-7-T-920	202L MA 000 H5439 01R	SR 202L (SOUTH MOUNTAIN FREEWAY	2008
61074	V-21,5&6	---------	RIGHT OF WAY & TRACK MAP, SOUTHERN PACIFIC CO.	1928

G.L.O. & B.L.M. PLATS

PLAT NO.	NAME	DATE
2627	T. 1N., R. 2W. G. & S. R. M.	4-23-1883
2626	T. 1N., R. 2W. G. & S. R. M. RESURVEY	12-16-1907
2624	T. 1N., R. 1W. G. & S. R. M.	12-2-1870
2623	T. 1N., R. 1W. G. & S. R. M. SURVEYS & RESURVEYS	11-4-1918
2622	T. 1N., R. 1W. G. & S. R. M. SUPPLEMENTAL PLAT OF SEC.. 33	11-8-1919
00004	T. 1N., R. 1E. G. & S. R. M.	12-2-1870
00003	T. 1N., R. 1E. G. & S. R. M.	2-14-1901
00002	T. 1N., R. 1E. G. & S. R. M. DEPENDENT RESURVEY	11-3-1920
00005	T. 1N., R. 2E. G. & S. R. M.	12-2-1870
3704	T. 1S., R. 1W. G. & S. R. M.	5-20-1915
3703	T. 1S., R. 1W. G. & S. R. M. SUPPLEMENTAL PLAT SEC. 4	12-18-1958
1368	T. 1S., R. 1E. G. & S. R. M.	12-2-1870
1367	T. 1S., R. 1E. G. & S. R. M.	10-16-1900
1365	T. 1S., R. 1E. G. & S. R. M. RESURVEY	3-17-1921

G.L.O. & B.L.M. FIELD NOTES

BOOK	PAGES	DATE
2	42	1868
1328	8-11	1867
2010	14-19	1899
2054	6-9	1907
2055	8-11	1907
2645	1-4	1912
2647	4, 17, 18	1913
2977	226-227	1915
2980	11-14, 18-19	1915
3384	1-9, 11-23, 25, 26	1919
3457	18	1910

GENERAL NOTES

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

H 395 NAND 83(1992) 33°24'22.55114" (N) 112°19'25.08960" (W)
Grid Coordinates N 875587.38741E 575808.15638
Ground Coordinates N 875727.48139 E 575900.28569

4CC4 NAD 83(1992) 33°27'41.02666" (N) 112°24'33.04914" (W)
Grid Coordinates N 895760.24536 E 549798.00232
Ground Coordinates N 895903.56700 E 549885.97000

4B01 NAD 83(1992) 33°25'15.78265" (N) 112°27'43.78833" (W)
Grid Coordinates N 881160.98869 E 533562.52464
Ground Coordinates N 881301.97445 E 533647.89464

1BC1 NAD 83(1992) 33°25'59.45056" (N) 112°11'44.80846" (W)
Grid Coordinates N 885252.33241 E 614851.42154
Ground Coordinates N 885393.97278 E 614949.79777

1BB1 NAD 83(1992) 33°25'35.61904" (N) 112°15'23.78006" (W)
Grid Coordinates N 882898.91810 E 596287.57480
Ground Coordinates N 883040.18193 E 596382.98081

TT ZW 9 NAD 83(1992) 33°22'37.87956" (N) 112°18'22.16007" (W)
Grid Coordinates N 864987.88549 E 581102.98282
Ground Coordinates N 865126.28355 E 581195.95930

4AC1 NAD 83(1992) 33°22'53.60411" (N) 112°23'01.77394" (W)
Grid Coordinates N 866674.67425 E 557399.89215
Ground Coordinates N 866813.34220 E 557489.07613

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: GEOID99 (CONTINENTAL US)

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

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 1.00016, AND SCALE ORIGIN VALUES OF N=0.00, E=0.00, AS DEFINED IN MEMO "ADOT MEMORANDUM SURVEYS AND AERIAL MAPPING DATED JUNE 25TH, 2005 REVISION #1 DATED OCTOBER 27TH, 2005" WERE USED FOR THE TRANSLATION TO THE SURFACE.

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

THE INFORMATION 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 DRAWINGS, PLATS, AND NOTES AVAILABLE AT THE TIME THE SURVEY WAS PREPARED.

VERIFICATION AND ACCEPTANCE OF SECTION CORNER MONUMENTS SHOWN ON THIS RESULTS OF SURVEY ARE IN ACCORDANCE WITH "REVISION NO. 1- DATED OCTOBER 27TH, 2005" OF ADOT REGIONAL TRANSPORTATION PLAN FREEWAY PROGRAM DESIGN PROCEDURE MEMORANDUM, WHICH STATES THAT THE SURVEY WILL ADOPT AND HOLD THE PUBLISHED GDACS POSITIONS IF WITHIN POSITIONAL TOLERANCE.

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-07-T-980
SURVEY	AUG 07
DRAWN/DATE	C. DOYLE/AUG 07
ADOT REVIEW	K. RICHMOND

eps group, inc. Engineers, Planners & Surveyors

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

HIGHWAY NAME: I-10 RELIEVER (S.R. 30)
FEDERAL AID NO.: UNASSIGNED
PROJECT NO.: 030 MA 000 H6876 01R
ROUTE NO.: S.R. 801
LOCATION: S.R. 303L - S.R. 202L

Registered Land Surveyor Certificate No. 15573 GERRD HUGHES ARIZONA, U.S.A.
EXPIRES: 3/31/2012
SHEET RS-17

DWG 67512 -19