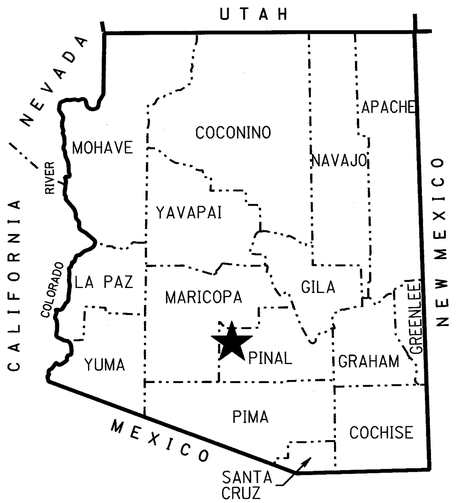
RIGHT OF WAY PLANS OF THE

MARICOPA ROAD
SR 238 SIDEWALKS
347 PN 175 H7229 01R

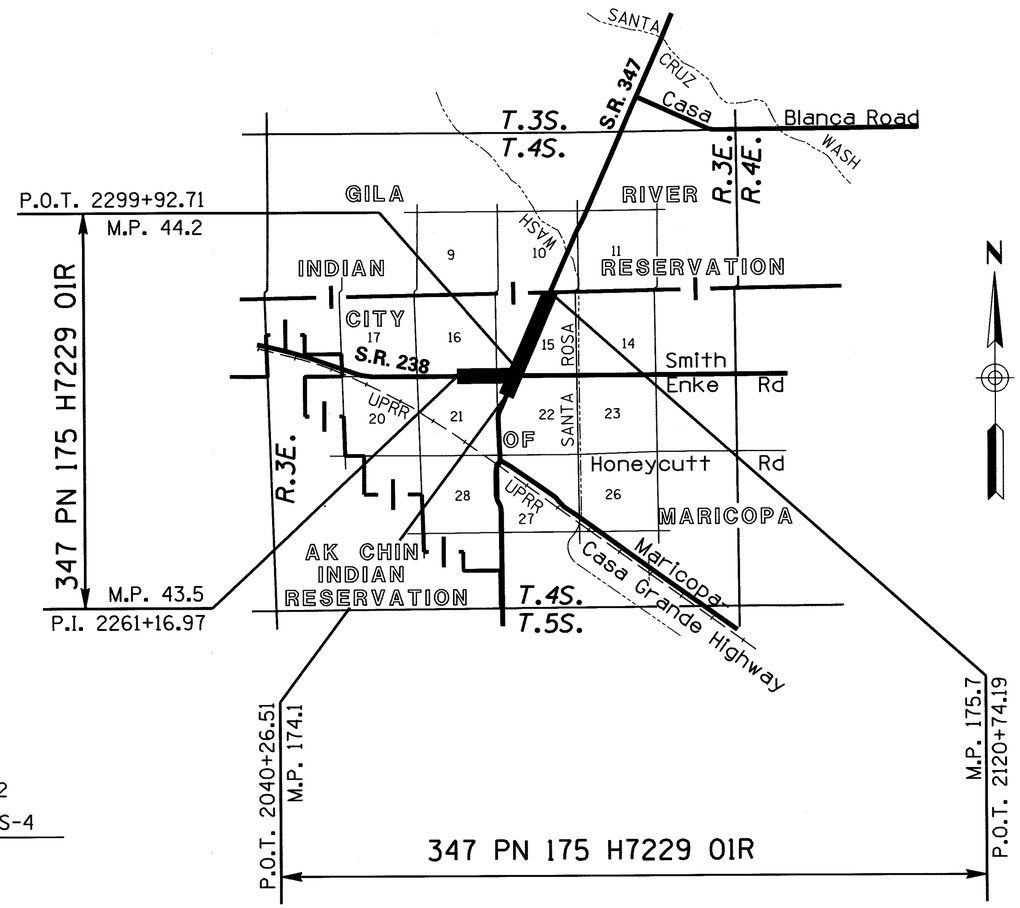
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

ADOT



★ PROJECT LOCATION

COUNTY NAME: PINAL
LENGTH OF PROJECT: 2.3 MILES
ADOT DISTRICT: TUCSON (T)
DRAWING NUMBER: D-11-T-486



Click here for SR 238 Index

NOTE: AS OF THE DATE OF THE SEAL OF THIS PLANSET, ALL INFORMATION SHOWN ON THE R/W PLANS AND RESULTS OF SURVEY IS ACCURATE AND CAN BE RELIED UPON, EXCEPT FOR THE NEW RIGHT OF WAY AND PROPOSED IMPROVEMENTS.

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THESE R/W PLANS ARE ON FILE FOR EXISTING R/W DOCUMENTATION AND FUTURE USE PURPOSES.

SHEET INDEX

COVER SHEET	1
STANDARD ABBREVIATIONS & SYMBOLS	S-1
OWNERSHIP RECORD SHEET	ORS-1
VICINITY MAP SHEET	VM-1
PLAN SHEET	P-1 TO P-2
RESULTS OF SURVEY	RS-1 TO RS-4
TOTAL SHEETS	10

APPROVED IN ACCORDANCE WITH
ARIZONA DEPARTMENT OF TRANSPORTATION BOARD
RESOLUTION 2011-02-A-007 DATED 2-18-11

...\DGN\RW\347RW175_CVR.DGN

Registered Land Surveyor
CERTIFICATE NO.
15573
GERALD
HUGHES
Date Signed 3/14/13
ARIZONA, U.S.A.
EXPIRES: 3/31/2015

eps group, inc.
Engineers, Planners & Surveyors

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. ADOT R/W Monument

New R/W Monument or R/W control point

Centerline Control or Supplemental Monument

Property Anchor Bar

Property-Lease & Unpatented Mining Claim Anchor Bar

Property Limit Arrow

Property-Lease & Unpatented Mining Claim Limit Arrow

Parcel Bubble 7-8858

Survey Control Pt or Angle Point

T.1S. R.6E.

SECTION 7
MARICOPA CO.

North Arrow

31 32 / 6 5 — Found or Set Section Corner

31 32 / 6 5 — Unfound Section Corner

4-3 — Found or Set Quarter Corner

4 / 9 — Unfound Quarter Corner

3 — Found or Set Center Quarter Corner

3 — Unfound Center Quarter Corner

MP 115 — Mile Post Marker (approximate location)

Click here for SR 238 Index

...\DGN\RW\347RW175_STD.DGN

DRAWING NO.	D-11-T-486	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION	
SURVEY	SEE ATTACHED	HIGHWAY NAME: MARICOPA ROAD	
DRAWN/DATE	J. KRAFT/APR 10		
ADOT REVIEW	S. NELSON	FEDERAL AID NO.: UNASSIGNED	
eps group, Inc. Engineers, Planners & Surveyors		PROJECT NO.: 347 PN 175 H7229 01R	
ROUTE NO.: S.R. 347	LOCATION: S.R. 238 SIDEWALKS		EXPIRES: 3/31/2015
			SHEET S-1

Registered Land Surveyor CERTIFICATE NO. 15573 GERALD HUGHES Date Signed 3/13/13 ARIZONA, U.S.A.

OWNERSHIP RECORD

NOTES	PARCEL NUMBER	OWNER	DESCRIPTION OF AREA REQUIRED	TOTAL AREA	AREA REQUIRED: GROSS (INCLUDING EXISTING R/W)	AREA REQUIRED: NET (EXCLUDING EXISTING R/W)	AREA REQUIRED: NEW EASEMENTS	REMAINDER: LEFT	REMAINDER: RIGHT	SHEET NO.	ACQUIRED: TYPE	ACQUIRED: DOCUMENT
	~~11-0828~~	~~Acacia Crossings Homeowners Association~~	~~Tract A, Acacia Crossings Parcel 3~~	DELETED 2/27/13						P-1, P-2		
(1) (2)	~~11-0829~~	~~Maricopa Fiesta Investors, L.L.C., et al~~	~~Lot 1, Final Plat Maricopa Fiesta~~	DELETED 2/27/13						P-2		
(1) (3)	~~11-0830~~	~~Hurd Southwest, LLC~~	~~Lot 2, Final Plat Maricopa Fiesta~~	DELETED 2/27/13						P-2		

(1) Total area includes Parcel No. 1 of Schedule A-1 only.

(2) Area includes 1,677 sq. ft. of existing drainage easement

(3) Area includes 620 sq. ft. of existing drainage easement

Click here for SR 238 Index

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ALL AREAS ARE IN SQUARE FEET UNLESS OTHERWISE NOTED

CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

...\DGN\RW\347RW175_ORS01.DGN

DRAWING NO.	D-11-T-486
SURVEY	SEE ATTACHED
DRAWN/DATE	J. KRAFT/APR 10
ADOT REVIEW	S. NELSON

eps group, Inc. Engineers, Planners & Surveyors

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

HIGHWAY NAME: MARICOPA ROAD

FEDERAL AID NO.: UNASSIGNED

PROJECT NO.: 347 PN 175 H7229 01R

ROUTE NO.: S.R. 347

LOCATION: S.R. 238 SIDEWALKS

Registered Land Surveyor
Certificate No. 15573
GERALD HUGHES
Date Signed 3/14/13
ARIZONA, U.S.A.
EXPIRES: 3/31/2015

SHEET ORS-1

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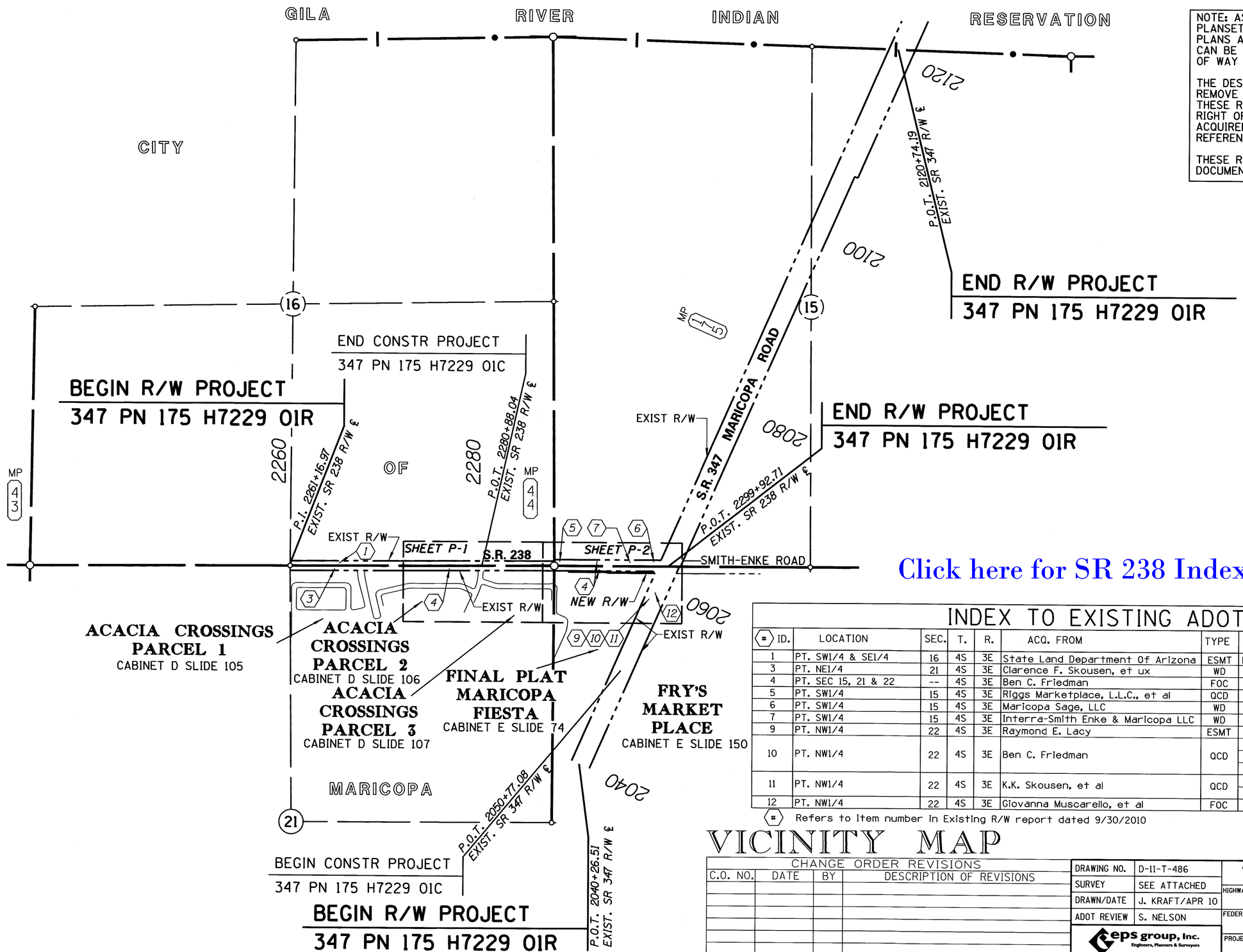


Click here for SR 238 Index

INDEX TO EXISTING ADOT R/W

(#) ID.	LOCATION	SEC.	T.	R.	ACQ. FROM	TYPE	BK./DKT.	PAGE	WIDTH	YEAR	PARCEL NO.
1	PT. SW1/4 & SE1/4	16	4S	3E	State Land Department Of Arizona	ESMT	R/W No. 16-95257-00		50'	1987	11-292
3	PT. NE1/4	21	4S	3E	Clarence F. Skousen, et ux	WD	1525	491	50'	1988	11-299
4	PT. SEC 15, 21 & 22	--	4S	3E	Ben C. Friedman	FOC	1986	937	VARIES	1993	11-300
5	PT. SW1/4	15	4S	3E	Riggs Marketplace, L.L.C., et al	QCD	2006-092036	--	15'	2006	11-0674
6	PT. SW1/4	15	4S	3E	Maricopa Sage, LLC	WD	2006-024265	--	15'	2006	11-0672
7	PT. SW1/4	15	4S	3E	Interra-Smith Enke & Maricopa LLC	WD	2006-024266	--	15'	2006	11-0671
9	PT. NW1/4	22	4S	3E	Raymond E. Lacy	ESMT	26	89	50'	1950	--
10	PT. NW1/4	22	4S	3E	Ben C. Friedman	QCD	1715	676	VARIES	1990	11-509
							1720	117		1991	
							1766	773		1991	
11	PT. NW1/4	22	4S	3E	K.K. Skousen, et al	QCD	1727	431	VARIES	1991	--
							1727	437		1991	
12	PT. NW1/4	22	4S	3E	Giovanna Muscarello, et al	FOC	1997-016334	--	VARIES	1997	--

(#) Refers to item number in Existing R/W report dated 9/30/2010

VICINITY MAP

0 250 500
Scale

...\DGN\RW\347RW175_VM01.DGN

CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-11-T-486
SURVEY	SEE ATTACHED
DRAWN/DATE	J. KRAFT/APR 10
ADOT REVIEW	S. NELSON

eps group, inc. Engineers, Planners & Surveyors

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

HIGHWAY NAME: MARICOPA ROAD

FEDERAL AID NO.: UNASSIGNED

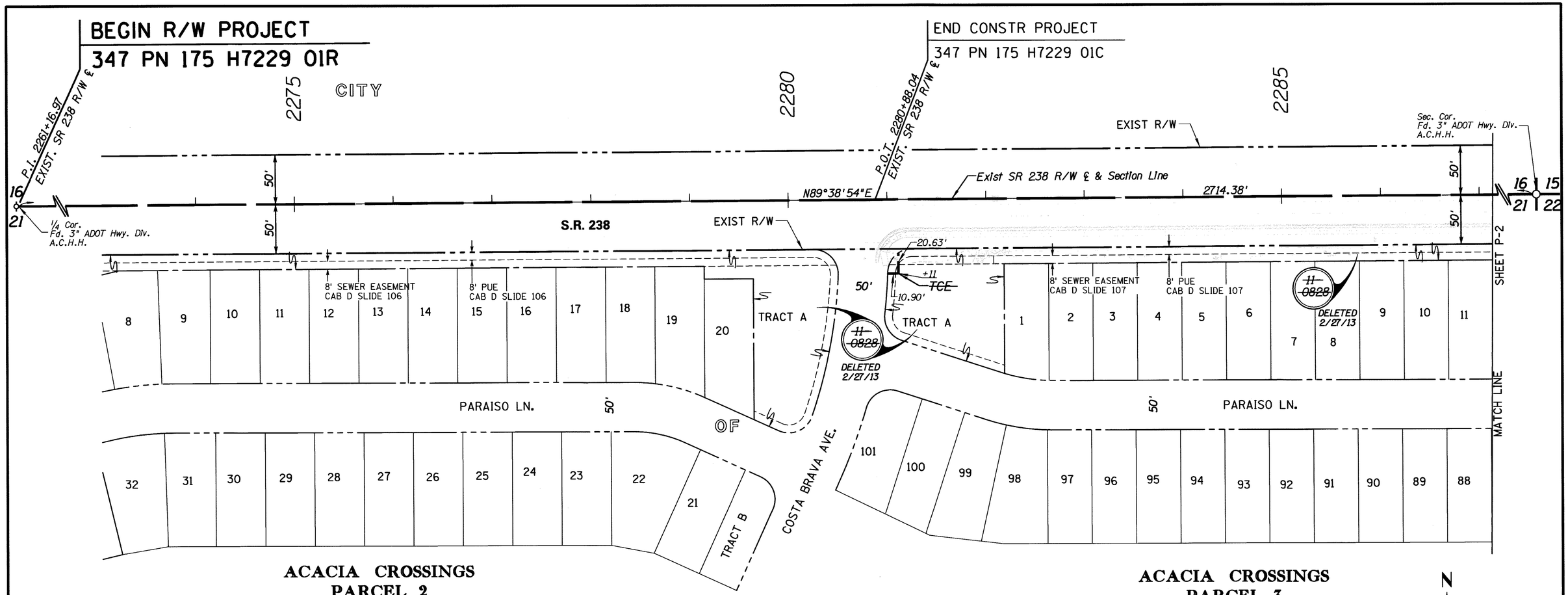
PROJECT NO.: 347 PN 175 H7229 01R

ROUTE NO.: S.R. 347

LOCATION: S.R. 238 SIDEWALKS

Registered Land Surveyor
CERTIFICATE NO. 15573
GERALD HUGHES
Date Signed 3/14/13
ARIZONA, U.S.A.
EXPIRES: 3/31/2015

SHEET VM-1



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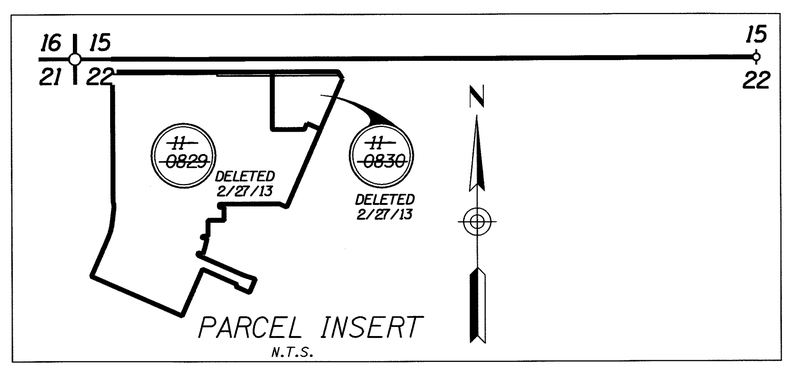

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0 25 50
Scale

...\DGN\RW\347RW175_P01.DGN

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

DRAWING NO.	D-11-T-486
SURVEY	SEE ATTACHED
DRAWN/DATE	J. KRAFT/APR 10
ADOT REVIEW	S. NELSON

eps group, inc.
Engineers, Planners & Surveyors

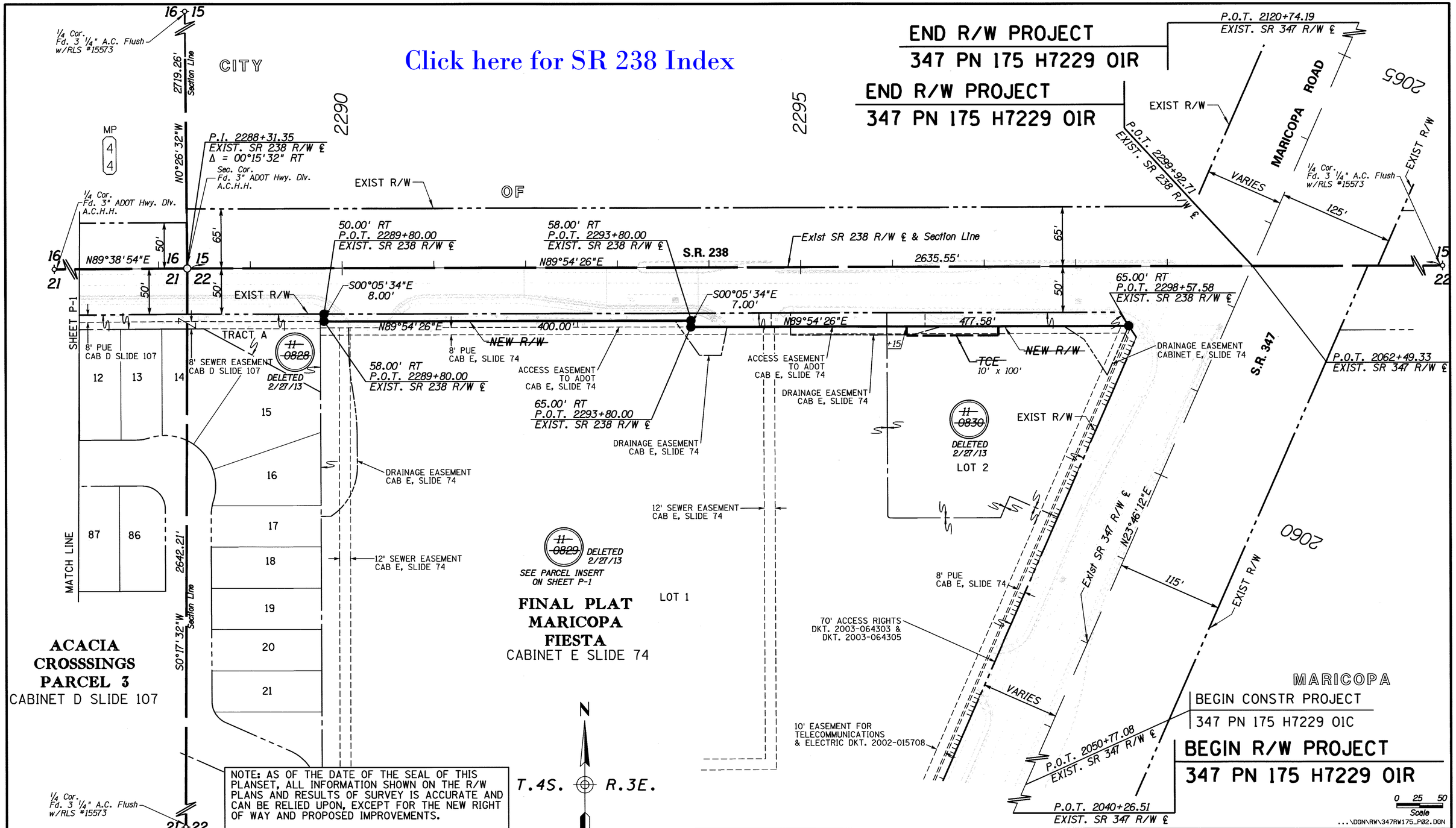
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: MARICOPA ROAD
FEDERAL AID NO.: UNASSIGNED
PROJECT NO.: 347 PN 175 H7229 01R

ROUTE NO.: S.R. 347
LOCATION: S.R. 238 SIDEWALKS

Registered Land Surveyor
CERTIFICATE NO.
15573
GERALD
HUGHES
Date Signed 3/19/15
ARIZONA, U.S.A.
EXPIRES: 3/31/2015

SHEET P-1



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CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-11-T-486
SURVEY	SEE ATTACHED
DRAWN/DATE	J. KRAFT/APR 10
ADOT REVIEW	S. NELSON

eps group, Inc. Engineers, Planners & Surveyors

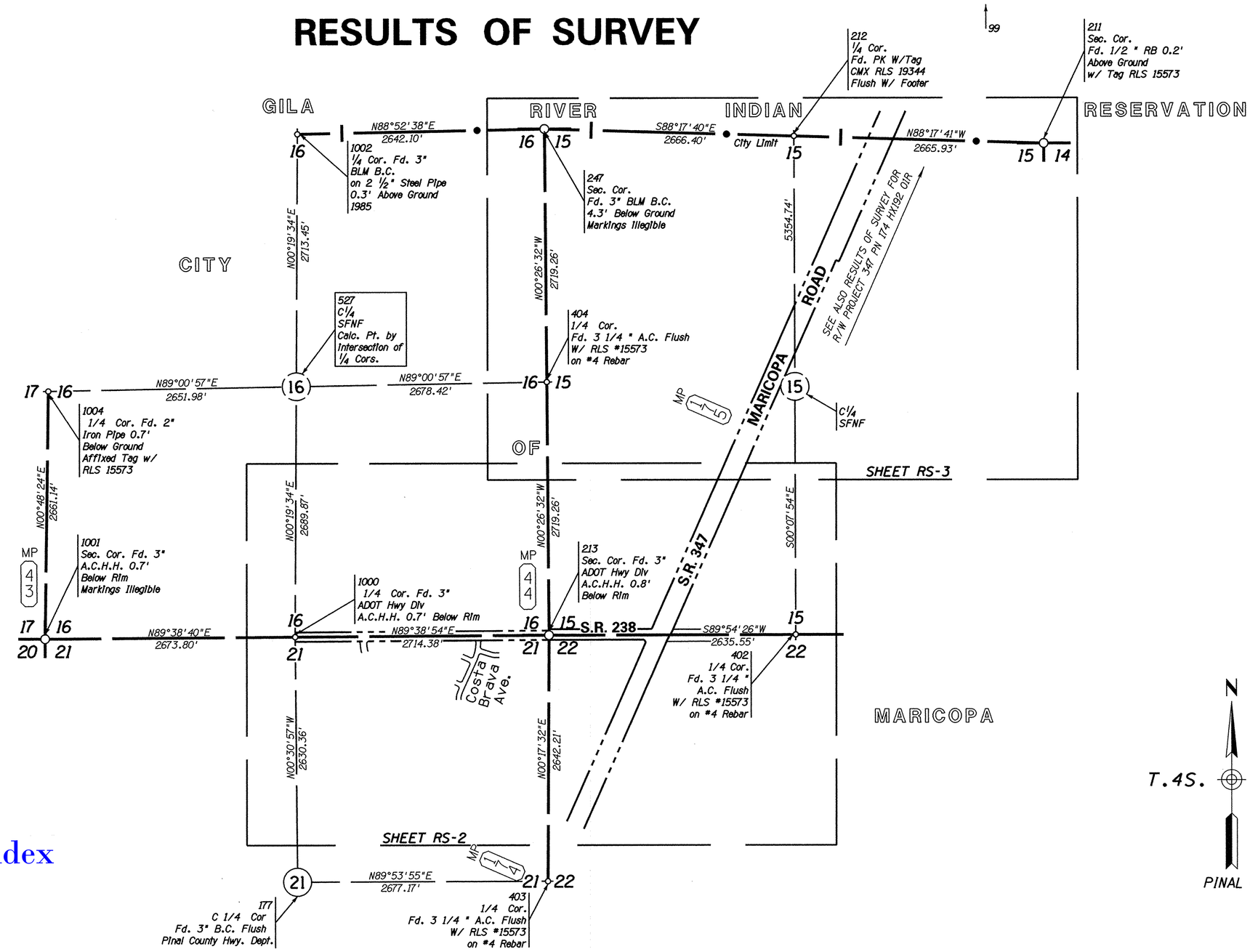
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: MARICOPA ROAD
FEDERAL AID NO.: UNASSIGNED
PROJECT NO.: 347 PN 175 H7229 01R
ROUTE NO.: S.R. 347
LOCATION: S.R. 238 SIDEWALKS

Registered Land Surveyor CERTIFICATE NO. 15573 GERALD HUGHES ARIZONA, U.S.A. Date Signed 3/14/12
EXPIRES: 3/31/2015

SHEET P-2

RESULTS OF SURVEY



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...\DGN\ROS\347RW175_RS01.DGN

LEGEND

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

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

DRAWING NO.	D-11-T-486
SURVEY	JAN 10
DRAWN/DATE	J. KRAFT/JAN 10
ADOT REVIEW	S. NELSON

eps group, Inc. Engineers, Planners & Surveyors

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

HIGHWAY NAME: MARICOPA ROAD

FEDERAL AID NO.: UNASSIGNED

PROJECT NO.: 347 PN 175 H7229 01R

ROUTE NO.: S.R. 347

LOCATION: S.R. 238 SIDEWALKS

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

EXPIRES: 3/31/2012

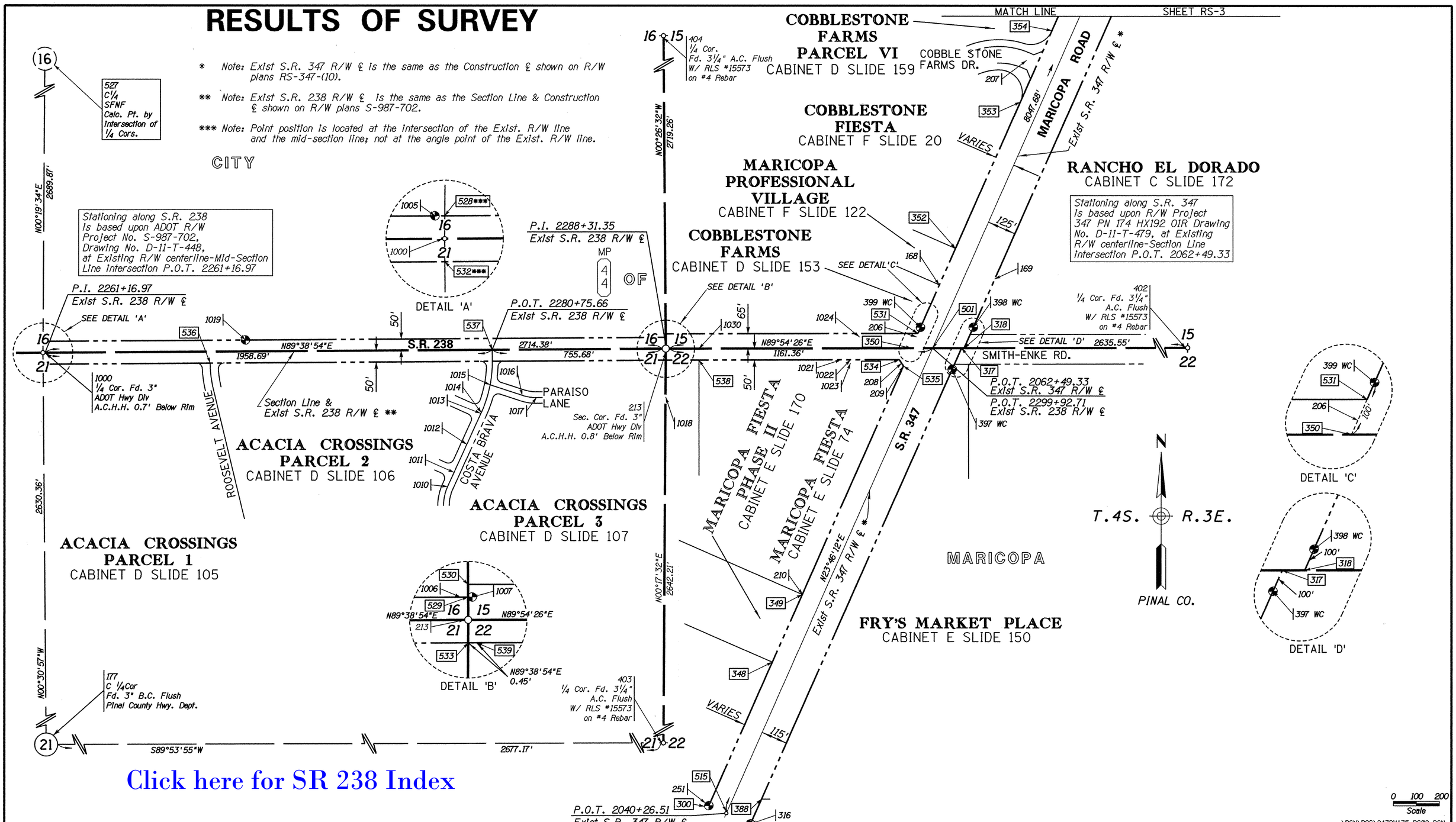
SHEET RS-1

RESULTS OF SURVEY

* Note: Exist S.R. 347 R/W ℄ is the same as the Construction ℄ shown on R/W plans RS-347-(10).

** Note: Exist S.R. 238 R/W ℄ is the same as the Section Line & Construction ℄ shown on R/W plans S-987-702.

*** Note: Point position is located at the intersection of the Exist. R/W line and the mid-section line; not at the angle point of the Exist. R/W line.



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LEGEND

302 Set Monument
300 Found Monument
301 Calculated position
Existing ADOT R/W monument

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

DRAWING NO.	D-11-T-486
SURVEY	JAN 10
DRAWN/DATE	J. KRAFT/JAN 10
ADOT REVIEW	S. NELSON
eps group, Inc. Engineers, Planners & Surveyors	
ROUTE NO.:	S.R. 347
LOCATION:	S.R. 238 SIDEWALKS

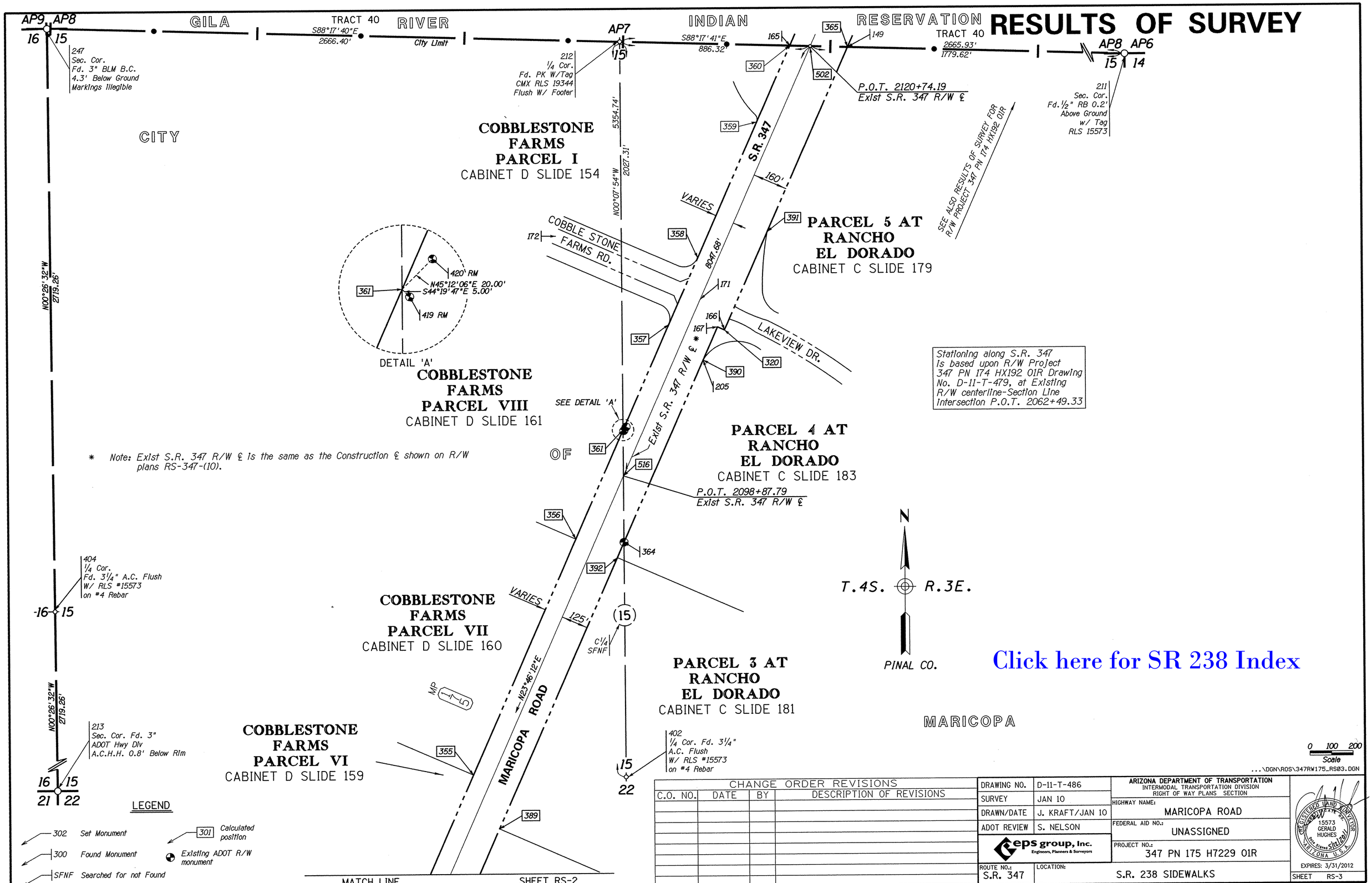
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: MARICOPA ROAD
FEDERAL AID NO.: UNASSIGNED
PROJECT NO.: 347 PN 175 H7229 01R

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

SHEET RS-2

RESULTS OF SURVEY



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

DRAWING NO.	D-11-T-486
SURVEY	JAN 10
DRAWN/DATE	J. KRAFT/JAN 10
ADOT REVIEW	S. NELSON
eps group, Inc. Engineers, Planners & Surveyors	
ROUTE NO.: S.R. 347	LOCATION: S.R. 238 SIDEWALKS

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

HIGHWAY NAME: MARICOPA ROAD

FEDERAL AID NO.: UNASSIGNED

PROJECT NO.: 347 PN 175 H7229 01R

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

EXPIRES: 3/31/2012

SHEET RS-3

RESULTS OF SURVEY

PUBLIC INFORMATION USED IN PREPARATION OF SURVEY

ADOT RIGHT-OF-WAY PLANS AND AS-BUILTS

PROJECT	DWG NO.	DESCRIPTION	DATE
RS-347-(10)	D-11-T-461	MARICOPA ROAD (S.R. 347), MARICOPA RD.- I-10 RW-Plans	1990
RS-347-(10)	D-11-T-464	MARICOPA ROAD (S.R. 347), JCT. S.R. 84 - MARICOPA RD. RW-Plans	1991
S-987-702	D-11-T-448	MARICOPA - MOBILE- GILA BEND RW-Plans	1987
347 PN 174 HX192 01R	D-11-T-479	MARICOPA ROAD CASA BLANCA ROAD INTERSECTION RW-Plans	2007
RS-347(14)P	---	COUNTY HIGHWAY MARICOPA ROAD - As-Built Plans	1999
RS-347-(15)P	---	COUNTY HIGHWAY MARICOPA ROAD (PINAL COUNTY) - As-Built Plans	1997
S-987-502	---	STATE HIGHWAY STATE ROUTE 238 - As-Built Plans	1988
S-347(1)	---	COUNTY HIGHWAY MARICOPA -WEST CHANDLER - As-Built Plans	1955

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

PLAT NO.	NAME	DATE
1521	T. 4 S., R. 3 E. G. & S. R. M.	12-2-1870
1520	T. 4 S., R. 3 E. G. & S. R. M. RESURVEY	12-9-1921
1519	T. 4 S., R. 3 E. G. & S. R. M. DEPENDENT RESURVEY	2-29-1940
1519 A&B	T. 4 S., R. 3 E. G. & S. R. M. DEPENDENT RESURVEY	5-1-1986

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

BOOK	PAGES	DATE
630	64, 74, 84-89, 96	1868
5225	6-8, 16, 19	1985

PLATS & SURVEYS (PINAL COUNTY RECORDERS)

SEC.	TWP.	RNG.	BK./CAB.	PG./SLD.	DESCRIPTION
15, 16, 21&22	4S.	3E.	1	174	Results of Survey
17	4S.	3E.	3	130	Results of Survey
22	4S.	3E.	2	11	Results of Survey
22	4S.	3E.	2	187	Results of Survey
22	4S.	3E.	7	126	Results of Survey
22	4S.	3E.	13	127	Results of Survey
22	4S.	3E.	18	152	Results of Survey
22	4S.	3E.	D	144	Final Plat, The Villages at Rancho El Dorado
22	4S.	3E.	D	145	Final Plat, Parcel 2 of The Villages at Rancho El Dorado
22	4S.	3E.	D	193	Final Plat, Parcel 3 of The Villages at Rancho El Dorado
22	4S.	3E.	E	8	Final Plat, Parcel 8 of The Villages at Rancho El Dorado
22	4S.	3E.	E	74	Final Plat, Maricopa Fiesta
22	4S.	3E.	E	150	Final Plat, Fry's Market Place
22	4S.	3E.	E	170	Final Plat, Maricopa Fiesta, Phase II
21&22	4S.	3E.	D	107	Final Plat, Acacia Crossings, Parcel 3
21&22	4S.	3E.	D	108	Final Plat, Acacia Crossings, Parcel 4
21	4S.	3E.	D	105	Final Plat, Acacia Crossings, Parcel 1
21	4S.	3E.	D	106	Final Plat, Acacia Crossings, Parcel 2
21	4S.	3E.	D	109	Final Plat, Acacia Crossings, Parcel 5
21	4S.	3E.	D	110	Final Plat, Acacia Crossings, Parcel 6
15	4S.	3E.	8	5	Results of Survey
15	4S.	3E.	10	150	Results of Survey
15	4S.	3E.	C	172	Parcel Map, Rancho El Dorado
15	4S.	3E.	C	179	Final Plat, Parcel 5 at Rancho El Dorado
15	4S.	3E.	C	181	Final Plat, Parcel 3 at Rancho El Dorado
15	4S.	3E.	C	183	Final Plat, Parcel 4 at Rancho El Dorado
15	4S.	3E.	D	153	Final Plat, Cobblestone Farms
15	4S.	3E.	D	154	Final Plat, Cobblestone Farms-Parcel I
15	4S.	3E.	D	159	Final Plat, Cobblestone Farms-Parcel VI
15	4S.	3E.	D	160	Final Plat, Cobblestone Farms-Parcel VII
15	4S.	3E.	D	161	Final Plat, Cobblestone Farms-Parcel VIII
15	4S.	3E.	F	20	Final Plat, Cobblestone Fiesta
15	4S.	3E.	F	122	Final Plat, Maricopa Professional Village

EXISTING R/W MONUMENTATION - S.R. 238

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
206	754087.98349	660975.23439	#4 RB W/ CAP "RLS 19854"	2299+22.06	50.09 LT
208	753972.94288	660911.21789	#4 RB W/ CAP "RLS 13179"	2298+57.86	64.85 RT
1005	754069.54480	657170.01520	3.5" ADOT AC FLUSH	2261+17.02	50.07 LT
1006	754086.17820	659883.99210	#4 RB w/ CAP 22782 0.5' BELOW GROUND	2288+31.05	50.05 LT
1007	754086.15490	659884.68970	3" ADOT AC 0.5' BELOW GROUND	2288+31.52	50.02 LT
1019	754074.98240	658053.02480	3" ADOT AC 0.4' BELOW GROUND	2270+00.05	50.09 LT
1021	753987.28680	660647.08150	#4 RB w/ CAP 13179 0.2' ABOVE GROUND	2295+93.75	50.08 RT
1022	753987.37260	660688.52520	#4 RB w/ CAP 13179 0.1' ABOVE GROUND	2296+35.19	50.06 RT
1023	753972.36480	660688.46930	#4 RB w/ CAP 13179 0.1' ABOVE GROUND	2296+35.11	65.07 RT
1024	754087.59650	660727.84380	#4 RB w/ CAP 19854 0.2' BELOW GROUND	2296+74.67	50.10 LT

EPS SURVEY CONTROL POINTS

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

PT.	NORTHING	EASTING	DESCRIPTION
99	767360.86143	666652.79606	SET #4 RB W/CAP EPS CONTROL PT.

MISCELLANEOUS MONUMENTATION

PT.	NORTHING	EASTING	DESCRIPTION
171	758191.07159	662875.03504	3" PINAL COUNTY BC FLUSH
172	758489.80795	662203.63753	3" PINAL COUNTY AC FLUSH
207	755296.87551	661453.05074	3" PINAL COUNTY BC FLUSH
1010	753433.34315	658935.25496	3" PINAL COUNTY BC FLUSH
1011	753495.17650	658963.19372	3" PINAL COUNTY BC FLUSH
1012	753618.24089	659018.79909	3" PINAL COUNTY BC FLUSH
1013	753753.70123	659080.00545	3" PINAL COUNTY BC FLUSH
1014	753757.41019	659081.68130	3" PINAL COUNTY BC FLUSH
1015	753878.25413	659119.85063	3" PINAL COUNTY BC FLUSH
1016	753832.97650	659259.35740	3" PINAL COUNTY BC FLUSH
1017	753823.13640	659321.70370	3" PINAL COUNTY BC FLUSH
1018	753823.96250	659884.80580	3" PINAL COUNTY BC FLUSH
1030	754036.30770	660029.15250	COTTON PICKER SPINDLE 0.1' BELOW PVMT.

SECTION CORNERS

PT.	NORTHING	EASTING	DESCRIPTION
177	751389.21615	657193.96082	BC
211	759315.78469	665172.58438	RB
212	759395.12479	662507.83354	P.K.
213	754036.12981	659884.59914	ACHH
247	759474.48161	659842.61195	BLM BC
402	754040.39424	662520.14569	AC
403	751393.95885	659871.12586	AC
404	756755.30571	659863.60554	AC
527	756709.30002	657185.57742	(C)
1000	754019.47270	657170.27370	ACHH
1001	754002.87660	654496.52470	ACHH
1002	759422.70760	657201.01530	BLM BC
1004	756663.74860	654533.99250	IP

EXISTING R/W LINE - S.R. 238

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
528	2261+17.56	50.00 LT	532	2261+17.11	50.00 RT
529	2288+31.27	50.00 LT	533	2288+30.78	50.00 RT
530	2288+31.24	65.00 LT	539	2288+31.23	50.00 RT
531	2299+28.62	65.00 LT	534	2298+47.81	50.00 RT
			535	2298+65.70	77.47 RT

EXISTING R/W LINE - S.R. 347

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
300	2040+26.51	83.50 LT	316	2040+26.51	115.00 RT
535	2061+27.11	84.80 LT	317	2063+00.20	115.00 RT
531	2062+82.85	84.90 LT	318	2063+04.63	125.00 RT
361	2100+84.68	87.26 LT	364	2096+05.75	125.00 RT
360	2120+38.33	88.47 LT	167	2107+00.00	125.00 RT
			320	2107+00.00	160.00 RT
			365	2121+39.04	160.00 RT

CALCULATED POINTS

PT.	NORTHING	EASTING
300	752037.40561	660073.59251
317	754038.21240	661171.70362
318	754038.23009	661182.63833
320	758046.64181	662986.29610
348	752664.98654	660349.53172
349	752961.75675	660480.01774
350	754037.85880	660953.16587
352	754474.96175	661145.35439
353	755115.82509	661427.13370
354	755426.52790	661563.74570
355	755976.97884	661805.77185
356	757075.48356	662288.77016
357	758073.32864	662727.50972
358	758384.57170	662864.35927
359	759017.08259	663142.46612
360	759371.58838	663298.33772
361	757583.18462	662511.99974
365	759363.60936	663566.32442
388	752065.82419	660303.01021
389	755723.90010	661925.05325
390	757906.78856	662886.45670
391	758504.58424	663187.98639
392	756987.82426	662481.71983
501	754038.00893	661045.95441
502	759368.74738	663393.75660
515	752003.74886	660150.01095
516	757367.82262	662512.49492
528	754069.47539	657170.55819
529	754086.12838	659884.21312
530	754101.12908	659884.09731
531	754102.90516	660981.76541
532	753969.47453	657170.72397
533	753986.12933	659884.34417
534	753987.77455	660931.13764
535	753960.33466	660919.07951
536	753973.94739	657899.59170
537	754031.49248	659128.93172
538	753986.36380	660029.24985
539	753986.13006	659884.79301

GENERAL NOTES

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

L 521 NAD 83(1992) 33°09'56.22283"(N) 112°00'31.58204"(W)
Grid Coordinates N 787,800.00328 E 671,815.49213
Ground Coordinates (Pt 1) N 787,926.05128 E 671,922.98261

B 422 NAD 83(1992) 33°03'18.64594"(N) 112°02'48.27381"(W)
Grid Coordinates N 747,631.63714 E 660,146.84055
Ground Coordinates (Pt 3) N 747,751.25820 E 660,252.46404

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, PER ADOT R/W PLANS PROJECT 347 PN 174 HX192 01R AND SCALE ORIGIN VALUES OF N=0.00, E=0.00, 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 R/W PLANS, MAPS AND R/W TITLE DOCUMENTS AVAILABLE AT THE TIME THE SURVEY WAS PREPARED, AND MAY NOT REFLECT PRIOR OR PENDING ADOT DISPOSALS OR ACQUISITIONS THAT WERE NOT SHOWN ON SAID PLANS AND DOCUMENTS AT THE TIME 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.

FOR ADDITIONAL INFORMATION ON SECTION CORNER DESCRIPTIONS, SEE CORNER RECOVERY SHEETS IN THE ADOT R/W PLANS SECTION RECORDS.

EXISTING R/W MONUMENTATION - S.R. 347

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
149	759363.43223	663566.25558	#4 RB	2121+38.85	160.01 RT
165	759371.77321	663298.56496	#4 RB W/CAP "CMX RLS 19344"	2120+38.59	88.34 LT
166	758046.43012	662986.23271	#4 RB W/ ANGLE IRON, STAMPED "STA 2107+00"	2106+99.78	160.03 RT
167	758060.74913	662954.26512	#4 RB W/ ANGLE IRON, STAMPED "STA 2107+00"	2107+00.00	125.00 RT
168	754315.83419	661075.38806	RB W/ CAP "RLS #9851"	2065+15.45	85.05 LT
169	754341.56160	661316.24025	RB W/ CAP "RLS #27233"	2066+36.08	125.01 RT
205	757906.66408	662886.34540	#4 RB W/ CAP	2105+31.61	124.95 RT
206	754087.98349	660975.23439	#4 RB W/ CAP "RLS #19854"	2062+66.56	84.86 LT
209	753960.38142	660919.39410	#4 RB W/ CAP "RLS #13179"	2061+27.28	84.54 LT
210	752961.52561	660480.63695	#4 RB	2050+36.30	83.47 LT
251	752037.03537	660073.80961	ADOT AC FLUSH, STAMPED "2040+26.51 7-91"	2040+26.26	83.15 LT
316	751957.39625	660255.25560	#5 RB W/ADOT ALUMINUM CAP "RLS 15573"	2040+26.51	115.00 RT
364	757059.32437	662513.21042	#5 RB W/ADOT ALUMINUM CAP "RLS 15573"	2096+05.75	125.00 RT
397	753946.69531	661131.39701	#5 RB W/ADOT ALUMINUM CAP "RLS 15573"	2062+00.20	115.00 RT
398	754129.74718	661222.94495	#5 RB W/ADOT ALUMINUM CAP "RLS 15573"	2064.04.63	125.00 RT
399	754129.40086	660993.41573	#5 RB W/ADOT ALUMINUM CAP "RLS 15573"	2063+11.79	84.92 LT
419	757579.60797	662515.49367	#5 RB W/ADOT ALUMINUM CAP "RLS 15573"	2100+82.82	82.62 LT
420	757597.27692	662526.19153	#5 RB W/ADOT ALUMINUM CAP "RLS 15573"	2101+03.30	79.95 LT

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CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-11-T-486
SURVEY	JAN 10
DRAWN/DATE	J. KRAFT/JAN 10
ADOT REVIEW	S. NELSON

eps group, Inc. Engineers, Planners & Surveyors

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

HIGHWAY NAME: MARICOPA ROAD
FEDERAL AID NO.: UNASSIGNED
PROJECT NO.: 347 PN 175 H7229 01R
ROUTE NO.: S.R. 347
LOCATION: S.R. 238 SIDEWALKS

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

SHEET RS-4

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