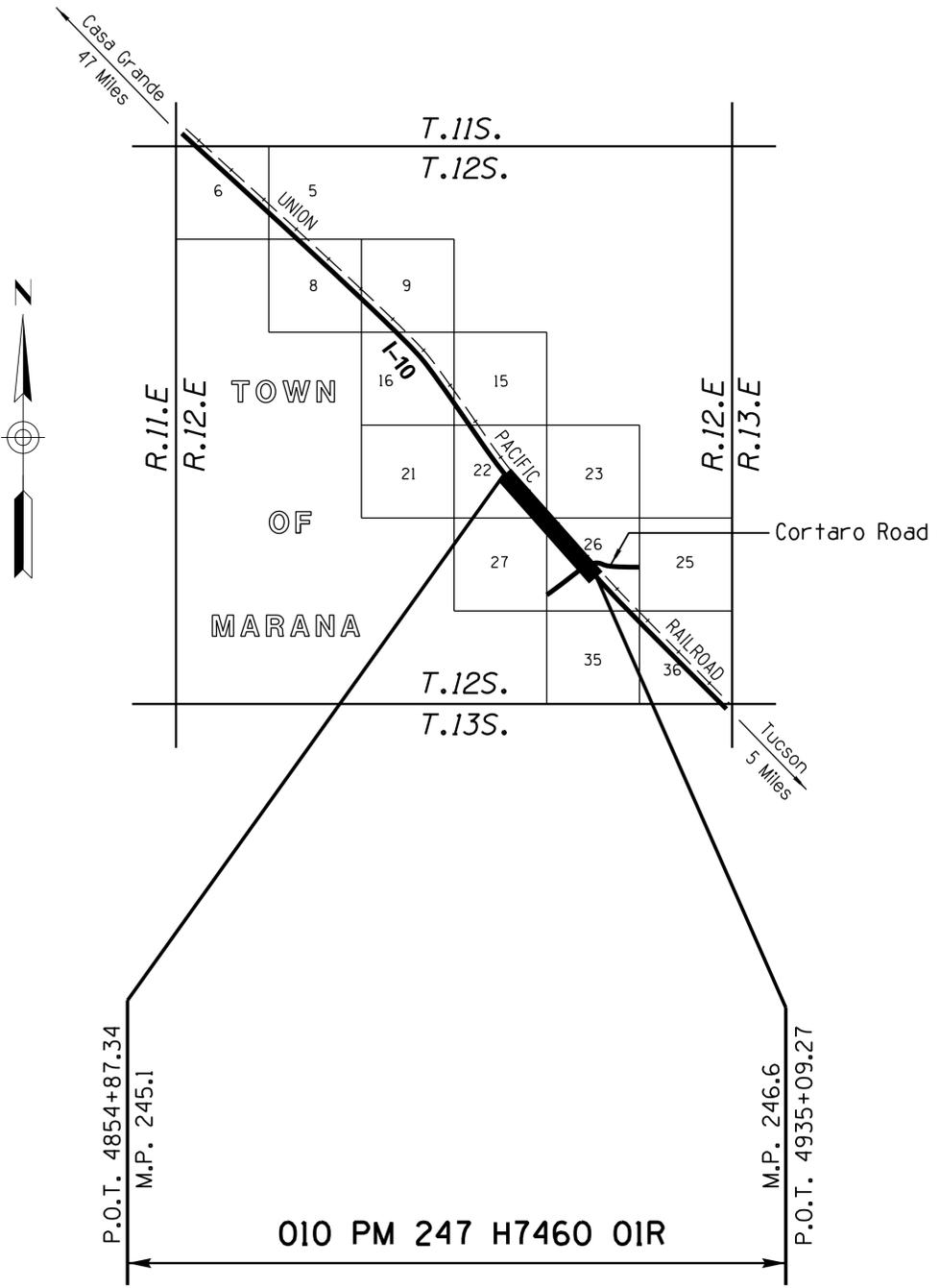


★ PROJECT LOCATION

COUNTY NAME: PIMA
 LENGTH OF PROJECT: 1.5 MILES
 ADOT DISTRICT: Tucson (T)
 DRAWING NUMBER: D-10-T-401

RIGHT OF WAY PLANS OF THE CASA GRANDE - TUCSON HIGHWAY CORTARO ROAD T.I. 010 PM 247 H7460 01R

ARIZONA DEPARTMENT
 OF
 TRANSPORTATION
 INTERMODAL
 TRANSPORTATION
 DIVISION



NOTE: THE ADOT, PIMA COUNTY AND CITY OF TUCSON EXISTING RIGHT OF WAY SHOWN ON THESE PLANS IS CORRECT/CURRENT AS SHOWN. HOWEVER BASED ON THE CURRENT CONSTRUCTION FEATURES AND PENDING TUCSON DISTRICT INPUT, THE LIMITS OF THESE RIGHTS OF WAY MAY BE REVISED VIA TRANSPORTATION BOARD RESOLUTION(S). *

SHEET INDEX

COVER SHEET	1
STANDARD ABBREVIATIONS & SYMBOLS	S-1
VICINITY MAP SHEET	VM-1
PLAN SHEET	P-1 TO P-3
RESULTS OF SURVEY	RS-1 TO RS-4
TOTAL SHEETS	10

HUBBARD ENGINEERING
 480-892-3313
 Mesa, AZ
 jcrum@hubbardengineering.com Job # 08104

010RW247_CVR.DGN
 Professional Land
 Surveyor AZ No. 19817
 Digitally signed by Jim
 Crum
 Date: 2011.07.11
 12:10:17 -07'00'
 (Expires 6-30-14)
 ELECTRONIC SEAL
 http://www.btr.state.az.us/

RIGHT OF WAY - STANDARD ABBREVIATIONS & SYMBOLS

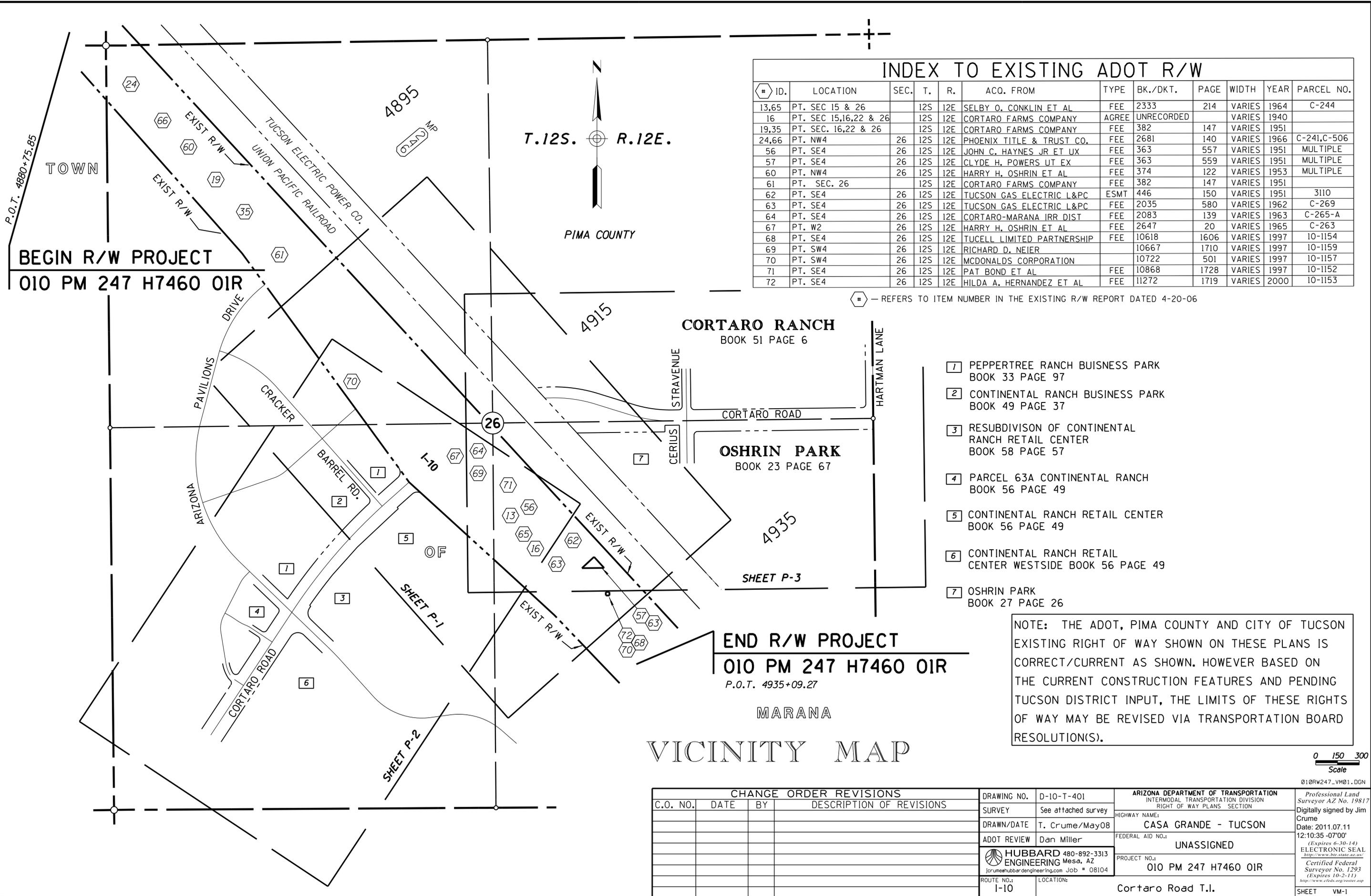
A	Acres Ahead And Husband And Others And Wife Approximate Avenue	Ac. Ahd. et vir et al et ux Approx. Ave.	D	Degrees Department Docket Drainage Easement Drive	° Dept. Dkt. DE Dr.	Page Parcel Parkway Place Ponding Easement Public Utility Easement	Pg. Par. Pkwy. Pl. PE PUE	
B	Back Book Boulevard Brass Cap Bureau of Indian Affairs Bureau of Land Management Bureau of Reclamation	Bk. Bk. Blvd. B.C. B.I.A. B.L.M. B.O.R.	E	Easement East Electrical Equation Existing	Esmt E. Elec. Equa. Exist.	Q R	Quit Claim Deed Railroad Range Record Right Right of Way Road	QCD R.R. R. (R) Rt. R/W Rd.
C	Calculated Center Centerline Construction Corner County Curve Information Curve to Spiral Degree of Curve Delta Length of Curve Point of Compound Curve Point of Curvature Point of Intersection Point of Reverse Curve Point of Reverse Spiral Point of Tangent Point on Curve Point on Tangent Point on Semi-Tangent Radius Spiral rate of change Spiral to Curve Spiral to Tangent Tangent Length Tangent to Spiral	(C) Ctr. ¢ Constr. Cor. Co. (C) C.S. D Δ L P.C.C. P.C. P.I. P.R.C. P.R.S. P.T. P.O.C. P.O.T. P.O.S.T. R a S.C. S.T. T T.S.	F	Federal Feet Flowage Easement Final Order of Condemnation Found	Fed. ' FE FOC Fd.	S	Seconds Section Sheet Slope Easement South Special Warranty Deed Square Square Feet State Route Station Street Subdivision	" Sec. Sht. SE S. SWD Sq. S.F. S.R. Sta. St. Subd.
			H	Highway Highway Easment Deed Homestead Entry Survey	Hwy. HED HES	T	Telegraph Telephone Township Temporary Temporary Construction Easement Traffic Interchange	Tlg. Tel. T. Temp. TCE
			I	Inch Irrigation	In. or " Irr.	U	United States General Land Office	U.S.G.L.O.
			J	Junction	Jct.	W	West Warranty Deed	W. WD
			L	Lane Left Local Tangent Bearing	Ln. Lt. L.T.B.			
			M	Measured Mile Post Mineral Survey Minutes Miscellaneous Monument	(M) M.P. M.S. ' Misc. Mon.			
			N	North Not to Scale Number	N. N.T.S. No.			
			P					

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		Property Anchor Bar					
Data Circle		Property-Lease & Unpatented Mining Claim Anchor Bar		$\frac{31}{6} \frac{32}{15}$	4-3		Found or Set Center Quarter Corner
Data Hex		Property Limit Arrow		$\frac{31}{6} \frac{32}{15}$	4		Unfound Center Quarter Corner
Data Square		Property-Lease & Unpatented Mining Claim Limit Arrow		$\frac{31}{6} \frac{32}{15}$	9		Unfound Center Quarter Corner
Dimension Arrow		Parcel Bubble		T.1S. R.6E.	MP		Mile Post Marker
Dimension Tie		Survey Control Pt or Angle Point		SECTION 7 MARICOPA CO.	North Arrow		
Exist. ADOT R/W Monument							
New R/W Monument							
Centerline Control or Supplemental Monument							

DRAWING NO.	D-10-T-401	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION	<i>Professional Land Surveyor AZ No. 19817</i> Digitally signed by Jim Crume Date: 2011.07.11 12:10:25 -07'00' <small>(Expires 6-30-14) ELECTRONIC SEAL http://www.btr.state.az.us/</small>
SURVEY	See attached survey	HIGHWAY NAME:	CASA GRANDE - TUCSON
DRAWN/DATE	T. Crume/May08	FEDERAL AID NO.:	UNASSIGNED
ADOT REVIEW	Dan Miller	PROJECT NO.:	010 PM 247 H7460 01R
ROUTE NO.:	I-10	LOCATION:	Cortaro Road T.I.
			SHEET 5-1

010RW247 STD.DGN



INDEX TO EXISTING ADOT R/W

# ID.	LOCATION	SEC.	T.	R.	ACQ. FROM	TYPE	BK./DKT.	PAGE	WIDTH	YEAR	PARCEL NO.
13,65	PT. SEC 15 & 26		12S	12E	SELBY O. CONKLIN ET AL	FEE	2333	214	VARIABLES	1964	C-244
16	PT. SEC 15,16,22 & 26		12S	12E	CORTARO FARMS COMPANY	AGREE	UNRECORDED		VARIABLES	1940	
19,35	PT. SEC. 16,22 & 26		12S	12E	CORTARO FARMS COMPANY	FEE	382	147	VARIABLES	1951	
24,66	PT. NW4	26	12S	12E	PHOENIX TITLE & TRUST CO.	FEE	2681	140	VARIABLES	1966	C-241,C-506
56	PT. SE4	26	12S	12E	JOHN C. HAYNES JR ET UX	FEE	363	557	VARIABLES	1951	MULTIPLE
57	PT. SE4	26	12S	12E	CLYDE H. POWERS UT EX	FEE	363	559	VARIABLES	1951	MULTIPLE
60	PT. NW4	26	12S	12E	HARRY H. OSHRIN ET AL	FEE	374	122	VARIABLES	1953	MULTIPLE
61	PT. SEC. 26		12S	12E	CORTARO FARMS COMPANY	FEE	382	147	VARIABLES	1951	
62	PT. SE4	26	12S	12E	TUCSON GAS ELECTRIC L&PC	ESMT	446	150	VARIABLES	1951	3110
63	PT. SE4	26	12S	12E	TUCSON GAS ELECTRIC L&PC	FEE	2035	580	VARIABLES	1962	C-269
64	PT. SE4	26	12S	12E	CORTARO-MARANA IRR DIST	FEE	2083	139	VARIABLES	1963	C-265-A
67	PT. W2	26	12S	12E	HARRY H. OSHRIN ET AL	FEE	2647	20	VARIABLES	1965	C-263
68	PT. SE4	26	12S	12E	TUCCELL LIMITED PARTNERSHIP	FEE	10618	1606	VARIABLES	1997	10-1154
69	PT. SW4	26	12S	12E	RICHARD D. NEIER		10667	1710	VARIABLES	1997	10-1159
70	PT. SW4	26	12S	12E	MCDONALDS CORPORATION		10722	501	VARIABLES	1997	10-1157
71	PT. SE4	26	12S	12E	PAT BOND ET AL	FEE	10868	1728	VARIABLES	1997	10-1152
72	PT. SE4	26	12S	12E	HILDA A. HERNANDEZ ET AL	FEE	11272	1719	VARIABLES	2000	10-1153

— REFERS TO ITEM NUMBER IN THE EXISTING R/W REPORT DATED 4-20-06

- 1 PEPPERTREE RANCH BUSINESS PARK
BOOK 33 PAGE 97
- 2 CONTINENTAL RANCH BUSINESS PARK
BOOK 49 PAGE 37
- 3 RESUBDIVISION OF CONTINENTAL
RANCH RETAIL CENTER
BOOK 58 PAGE 57
- 4 PARCEL 63A CONTINENTAL RANCH
BOOK 56 PAGE 49
- 5 CONTINENTAL RANCH RETAIL CENTER
BOOK 56 PAGE 49
- 6 CONTINENTAL RANCH RETAIL
CENTER WESTSIDE BOOK 56 PAGE 49
- 7 OSHRIN PARK
BOOK 27 PAGE 26

NOTE: THE ADOT, PIMA COUNTY AND CITY OF TUCSON EXISTING RIGHT OF WAY SHOWN ON THESE PLANS IS CORRECT/CURRENT AS SHOWN. HOWEVER BASED ON THE CURRENT CONSTRUCTION FEATURES AND PENDING TUCSON DISTRICT INPUT, THE LIMITS OF THESE RIGHTS OF WAY MAY BE REVISED VIA TRANSPORTATION BOARD RESOLUTION(S).

0 150 300
Scale

010RW247_VM01.DGN

VICINITY MAP

END R/W PROJECT
010 PM 247 H7460 OIR
P.O.T. 4935+09.27

BEGIN R/W PROJECT
010 PM 247 H7460 OIR

CHANGE ORDER REVISIONS				DRAWING NO.	D-10-T-401	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION	
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS	SURVEY	See attached survey	HIGHWAY NAME: CASA GRANDE - TUCSON	
				DRAWN/DATE	T. Crume/May08	FEDERAL AID NO.:	
				ADOT REVIEW	Dan Miller	UNASSIGNED	
				HUBBARD ENGINEERING 480-892-3313 Mesa, AZ jcrume@hubbardengineering.com Job # 08104		PROJECT NO.:	
				ROUTE NO.:	I-10	010 PM 247 H7460 OIR	
				LOCATION:	Cortaro Road T.I.	SHEET	
						VM-1	

Professional Land
Surveyor AZ No. 19817
Digitally signed by Jim
Crume
Date: 2011.07.11
12:10:35 -07'00'
(Expires 6-30-14)
ELECTRONIC SEAL
<http://www.btr.state.az.us/>
Certified Federal
Surveyor No. 1293
(Expires 10-2-11)
<http://www.cfeds.org/roster.asp>

TOWN

CORTARO RANCH
BOOK 51 PAGE 6

OSHRIN PARK
BOOK 27 PAGE 26

MATCH LINE

SHEET P-3

TUCSON ELECTRIC POWER CO.

UNION PACIFIC RAILROAD

I-10

MARANA

P.O.T. 26584+39.73
RAILROAD £

P.O.T. 26669+85.92
RAILROAD £

P.O.T. 4880+75.85
EB EXIST R/W £

P.C. 4935+08.26
EB EXIST R/W £

EXIST ADOT R/W & RAILROAD R/W

EXIST ADOT R/W & RAILROAD R/W

EXIST R/W

EXIST R/W

BEGIN R/W PROJECT
010 PM 247 H7460 OIR

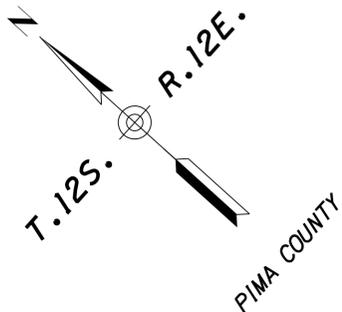
END R/W PROJECT
010 PM 247 H7460 OIR

**PEPPERTREE RANCH
BUSINESS PARK**
BOOK 33 PAGE 97

**CONTINENTAL
RANCH RETAIL
CENTER**
BOOK 56 PAGE 49

CORTARO ROAD

SHEET P-2



1/4 Cor.
Set PK Nail

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1/4 Cor.
Fd. 2" Pipe

1/4 Cor.
Fd. Brass Cap

C1/4 Cor.
Set chisel mark
In sidewalk

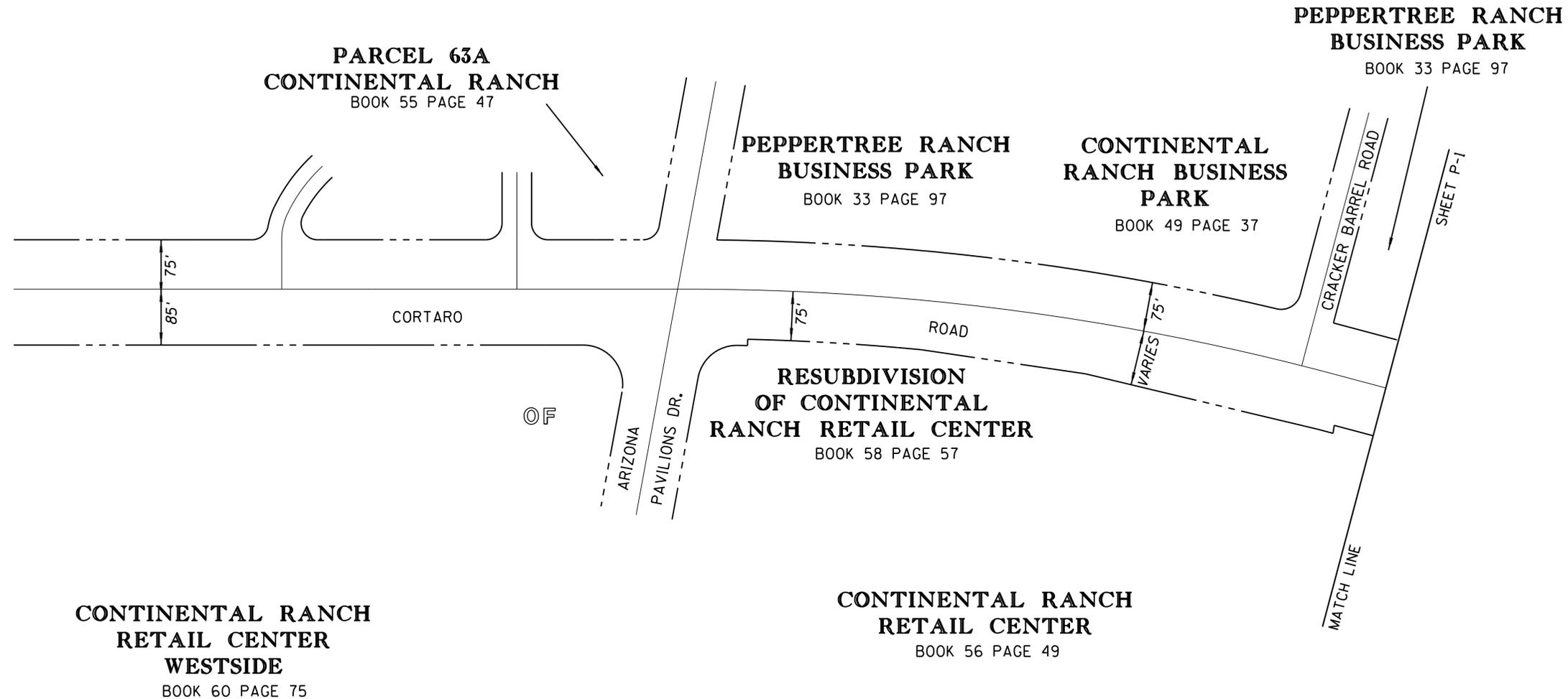
1/4 Cor.
Set 3/4" Bar w/cap

0 50 100
Scale

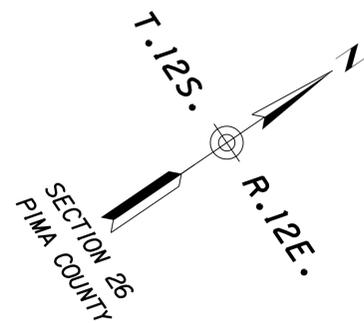
010RW247_P01.DGN

CHANGE ORDER REVISIONS				DRAWING NO.	D-10-T-401	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION		Professional Land Surveyor AZ No. 19817
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS	SURVEY	See attached survey	HIGHWAY NAME: CASA GRANDE - TUCSON		Digitally signed by Jim Crume Date: 2011.07.11 12:10:43 -07'00'
				DRAWN/DATE	T. Crume/May 08	FEDERAL AID NO.:		(Expires 6-30-14) ELECTRONIC SEAL http://www.btr.state.az.us/
				ADOT REVIEW	Dan Miller	PROJECT NO.:		Certified Federal Surveyor No. 1293 (Expires 10-2-11) http://www.cfed.org/roster.asp
				HUBBARD ENGINEERING 480-892-3313 Mesa, AZ jcrume@hubbardengineering.com Job # 08104		010 PM 247 H7460 OIR		
				ROUTE NO.:	I-10	LOCATION:		Cortaro Road T.I.
								SHEET P-1

TOWN



MARANA



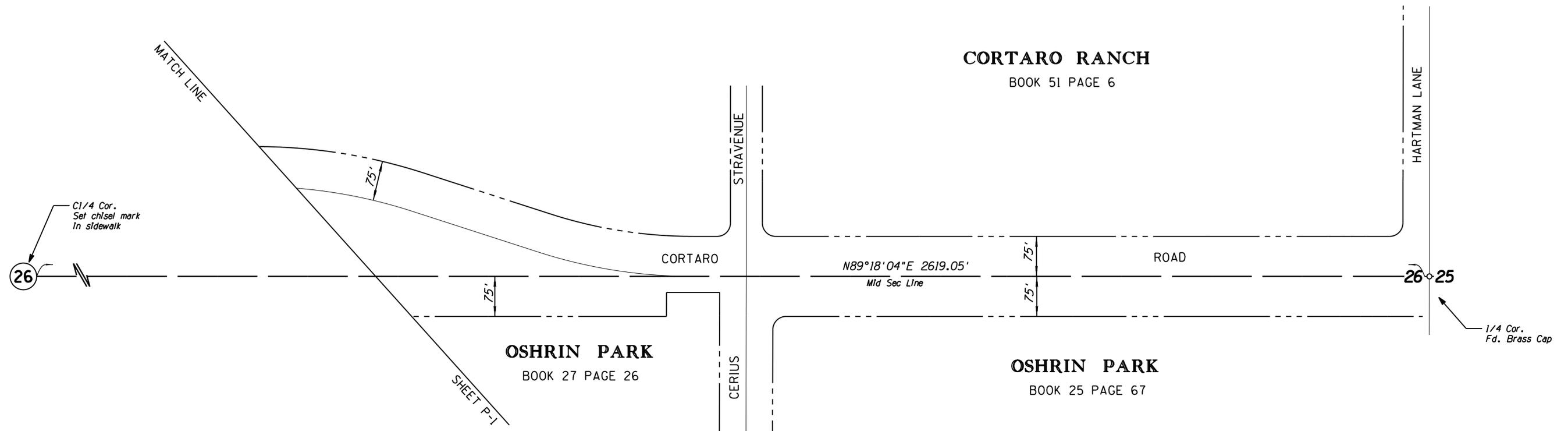
NOTE: THE ADOT, PIMA COUNTY AND CITY OF TUCSON EXISTING RIGHT OF WAY SHOWN ON THESE PLANS IS CORRECT/CURRENT AS SHOWN. HOWEVER BASED ON THE CURRENT CONSTRUCTION FEATURES AND PENDING TUCSON DISTRICT INPUT, THE LIMITS OF THESE RIGHTS OF WAY MAY BE REVISED VIA TRANSPORTATION BOARD RESOLUTION(S).

0 50 100
Scale

010RW247_P02.DGN

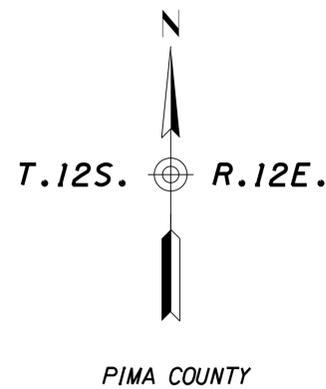
CHANGE ORDER REVISIONS				DRAWING NO.	D-10-T-401	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION	
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS	SURVEY	See attached survey		
				DRAWN/DATE	T.Crume/May08		
				ADOT REVIEW	Dan Miller		
				HUBBARD ENGINEERING 480-892-3313 Mesa, AZ jcrume@hubbardengineering.com Job # 08104		PROJECT NO.: 010 PM 247 H7460 01R	
				ROUTE NO.:	1-10		
				LOCATION:	Cortaro Road T.I.		
					HIGHWAY NAME: CASA GRANDE - TUCSON		Professional Land Surveyor AZ No. 19817 Digitally signed by Jim Crume Date: 2011.07.11 12:10:53 -07'00' (Expires 6-30-14) ELECTRONIC SEAL http://www.btr.state.az.us/ Certified Federal Surveyor No. 1293 (Expires 10-2-11) http://www.cfed.us/org/roster.asp
					FEDERAL AID NO.: UNASSIGNED		SHEET P-2

TOWN

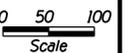


OF

MARANA



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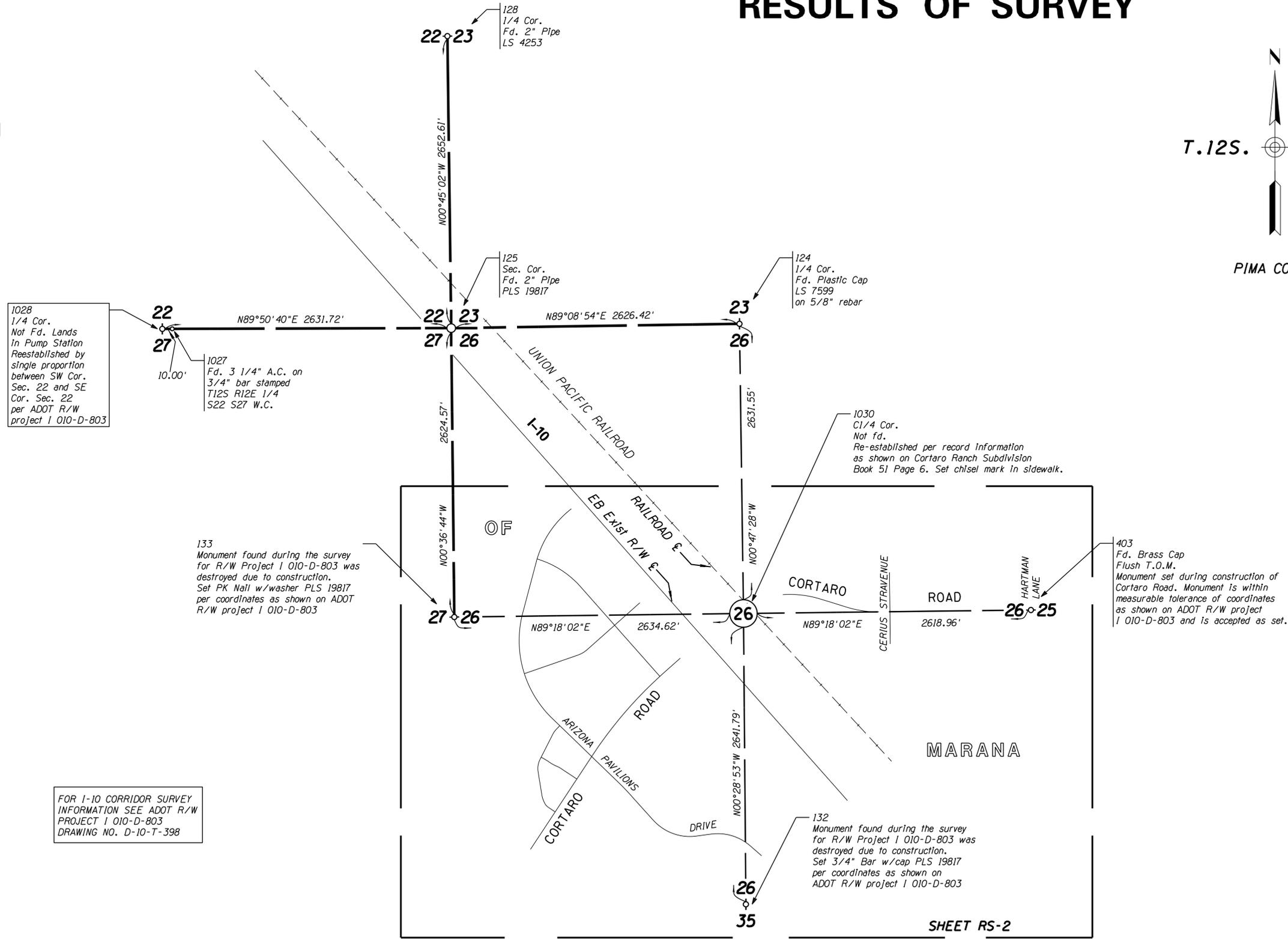
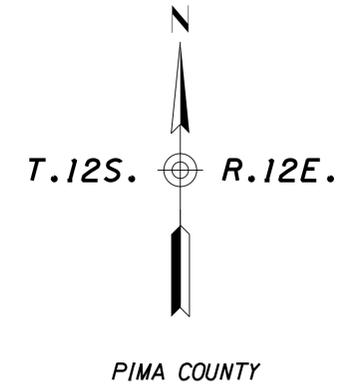


010RW247_P03.DGN

CHANGE ORDER REVISIONS				DRAWING NO.	D-10-T-401	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION	
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS	SURVEY	See attached survey	HIGHWAY NAME: CASA GRANDE - TUCSON	
				DRAWN/DATE	T.Crume/May08	FEDERAL AID NO.:	
				ADOT REVIEW	Dan Miller	UNASSIGNED	
				HUBBARD ENGINEERING 480-892-3313 Mesa, AZ jcrume@hubbardengineering.com Job # 08104		PROJECT NO.:	
				ROUTE NO.:	1-10	010 PM 247 H7460 01R	
				LOCATION:	Cortaro Road T.I.		
						Professional Land Surveyor AZ No. 19817 Digitally signed by Jim Crume Date: 2011.07.11 12:11:05 -07'00' (Expires 6-30-14) ELECTRONIC SEAL http://www.btr.state.az.us/ Certified Federal Surveyor No. 1293 (Expires 10-2-11) http://www.cfed.us.org/roster.asp	
						SHEET P-3	

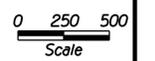
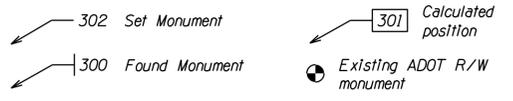
RESULTS OF SURVEY

TOWN



FOR I-10 CORRIDOR SURVEY
INFORMATION SEE ADOT R/W
PROJECT I 010-D-803
DRAWING NO. D-10-T-398

LEGEND

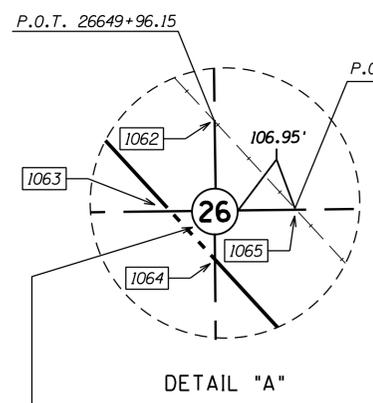
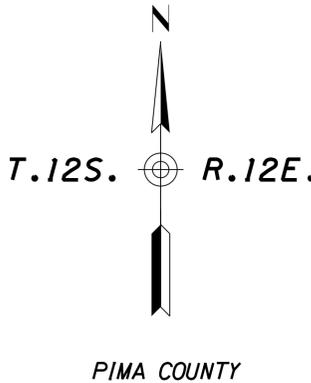
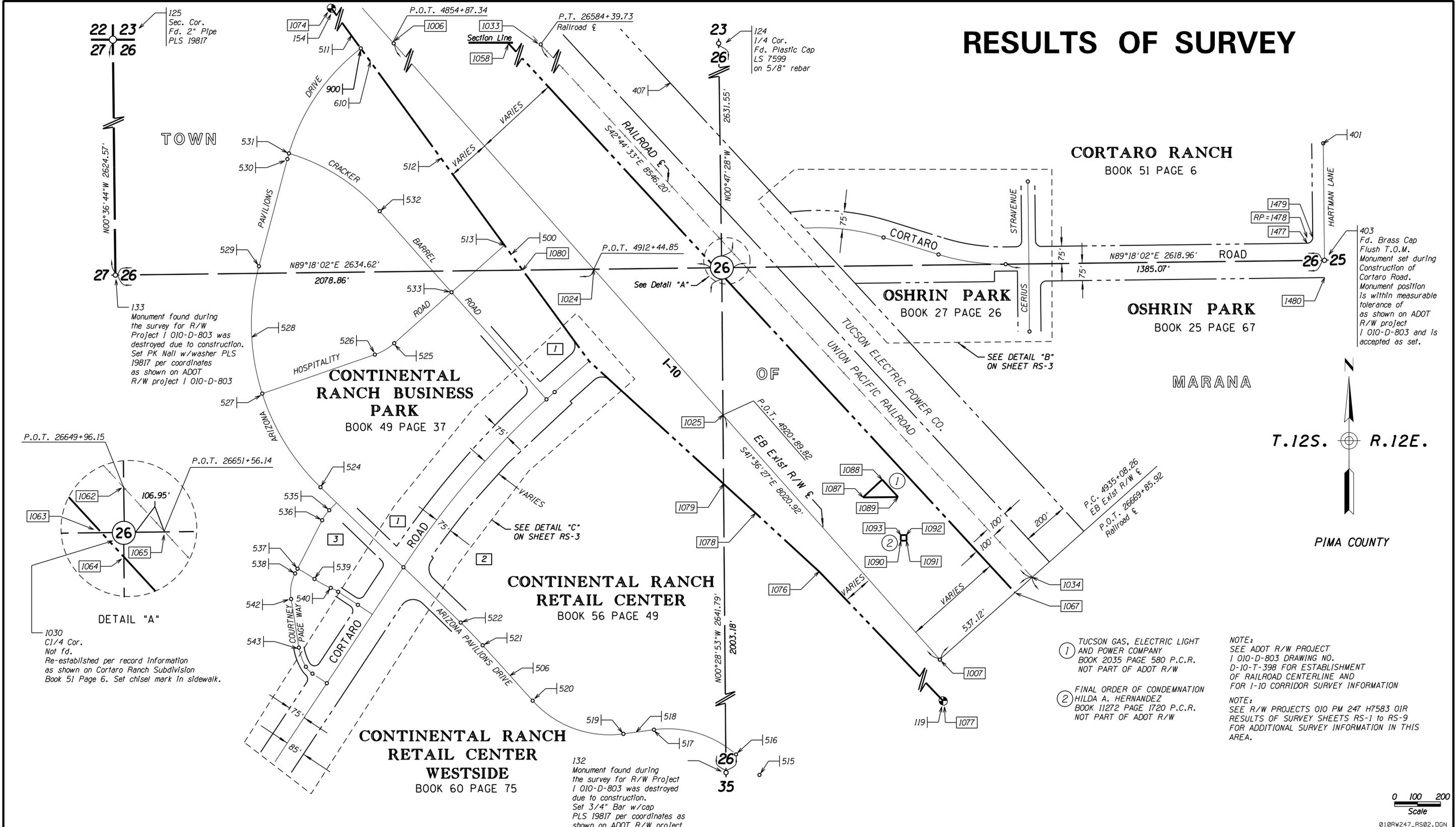


010RW247_RS011.DGN

CHANGE ORDER REVISIONS				DRAWING NO.	D-10-T-401	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION	Professional Land Surveyor AZ No. 19817 Digitally signed by Jim Crume Date: 2011.07.11 12:11:16 -07'00' (Expires 6-30-14) ELECTRONIC SEAL http://www.bir.state.az.us/
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS	SURVEY	March 2008		
				DRAWN/DATE	T. Crume/Mar08	HIGHWAY NAME:	CASA GRANDE - TUCSON
				ADOT REVIEW	Dan Miller	FEDERAL AID NO.:	UNASSIGNED
				HUBBARD ENGINEERING 480-892-3313 Mesa, AZ jcrume@hubbardengineering.com Job # 08104		PROJECT NO.:	010 PM 247 H7460 01R
				ROUTE NO.:	I-10	LOCATION:	Cortaro Road T.I.
							Certified Federal Surveyor No. 1293 (Expires 10-2-11) http://www.cfedas.org/roster.asp
							SHEET RS-1

SHEET RS-2

RESULTS OF SURVEY



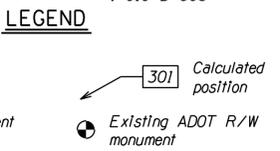
① TUCSON GAS, ELECTRIC LIGHT AND POWER COMPANY BOOK 2035 PAGE 580 P.C.R. NOT PART OF ADOT R/W

② FINAL ORDER OF CONDEMNATION HILDA A. HERNANDEZ BOOK 11272 PAGE 1720 P.C.R. NOT PART OF ADOT R/W

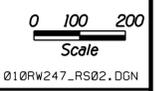
NOTE:
SEE ADOT R/W PROJECT 1 010-D-803 DRAWING NO. D-10-T-398 FOR ESTABLISHMENT OF RAILROAD CENTERLINE AND FOR I-10 CORRIDOR SURVEY INFORMATION

NOTE:
SEE R/W PROJECTS 010 PM 247 H7583 01R RESULTS OF SURVEY SHEETS RS-1 TO RS-9 FOR ADDITIONAL SURVEY INFORMATION IN THIS AREA.

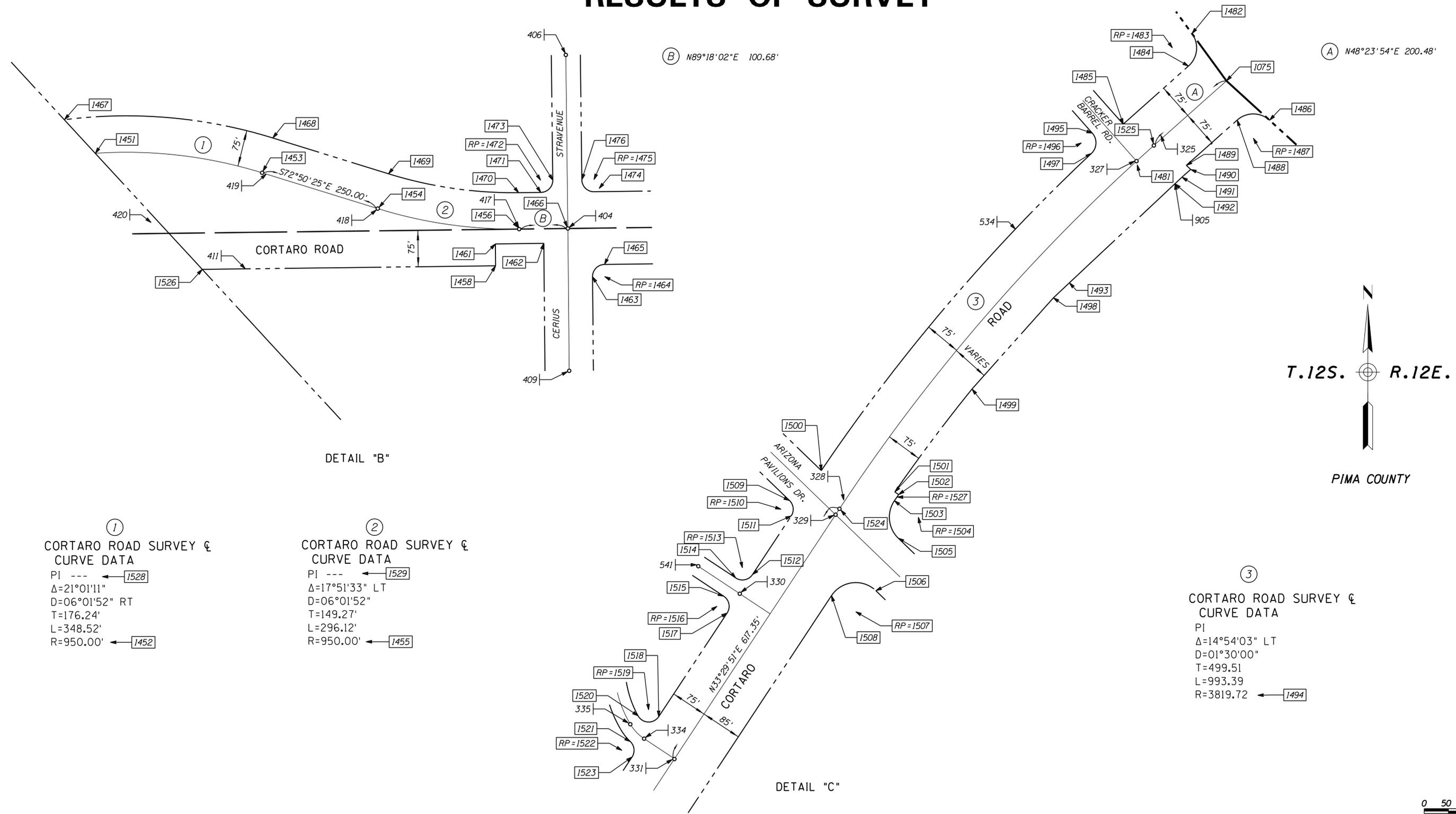
- 1 PEPPERTREE RANCH BUSINESS PARK BOOK 33 PAGE 97
- 2 RESUBDIVISION OF CONTINENTAL RANCH RETAIL CENTER BOOK 58 PAGE 57
- 3 PARCEL 63A CONTINENTAL RANCH BOOK 55 PAGE 47



CHANGE ORDER REVISIONS				DRAWING NO.	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION	
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS	D-10-T-401	Professional Land Surveyor AZ No. 19817	
				SURVEY	March 2008	Digitally signed by Jim Crume Date: 2011.07.11 12:11:27 -07'00'
				DRAWN/DATE	T. Crume/Mar08	(Expires 6-30-14) ELECTRONIC SEAL http://www.btr.state.az.us/
				ADOT REVIEW	Dan Miller	Certified Federal Surveyor No. 1293 (Expires 10-2-11) http://www.cfedas.org/roster.asp
				ROUTE NO.:	I-10	PROJECT NO.:
				LOCATION:	Cortaro Road T.I.	UNASSIGNED
						010 PM 247 H7460 01R
						SHEET RS-2



RESULTS OF SURVEY



①
CORTARO ROAD SURVEY &
CURVE DATA
PI --- ← 1528
 $\Delta = 21^\circ 01' 11''$
 $D = 06^\circ 01' 52''$ RT
 $T = 176.24'$
 $L = 348.52'$
 $R = 950.00'$ ← 1452

②
CORTARO ROAD SURVEY &
CURVE DATA
PI --- ← 1529
 $\Delta = 17^\circ 51' 33''$ LT
 $D = 06^\circ 01' 52''$
 $T = 149.27'$
 $L = 296.12'$
 $R = 950.00'$ ← 1455

③
CORTARO ROAD SURVEY &
CURVE DATA
PI
 $\Delta = 14^\circ 54' 03''$ LT
 $D = 01^\circ 30' 00''$
 $T = 499.51'$
 $L = 993.39'$
 $R = 3819.72'$ ← 1494

LEGEND

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

CHANGE ORDER REVISIONS				DRAWING NO.	D-10-T-401	ARIZONA DEPARTMENT OF TRANSPORTATION
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS	SURVEY	MARCH 2008	INTERMODAL TRANSPORTATION DIVISION
				DRAWN/DATE	T. CRUME/MAR08	RIGHT OF WAY PLANS SECTION
				ADOT REVIEW	Dan Miller	HIGHWAY NAME:
						CASA GRANDE - TUCSON
						FEDERAL AID NO.:
						UNASSIGNED
						PROJECT NO.:
						010 PM 247 H7460 OIR
				ROUTE NO.:	I-10	LOCATION:
						Cortaro Road T.I.

0 50 100
Scale
010RW247_RS03.DGN

Professional Land
Surveyor AZ No. 19817
Digitally signed by Jim
Crume
Date: 2011.07.11
12:11:39 -07'00'
(Expires 6-30-14)
ELECTRONIC SEAL
<http://www.btr.state.az.us/>
Certified Federal
Surveyor No. 1293
(Expires 10-2-11)
<http://www.cfeds.org/roster.asp>

GENERAL NOTES

THREE P & M CONTROL STATIONS WERE USED TO ESTABLISH THE CONTROL BASELINE FOR THIS SURVEY AND THEY ARE AS FOLLOWS:

0013 NAD 83(1992) 32°21'33.40784"(N) 111°05'50.25930"(W)
Grid Coordinates N 495402.61222 E 953002.16204
Ground Coordinates (Pt.133) N 495481.87664 E 953154.64239

0014 NAD 83(1992) 32°21'59.37430"(N) 111°05'50.35185"(W)
Grid Coordinates N 498026.62151 E 952974.13831
Ground Coordinates (Pt. 125) N 498106.30577 E 953126.61417

0015 NAD 83(1992) 32°21'59.56032"(N) 111°05'19.73578"(W)
Grid Coordinates N 498065.62774 E 955599.83369
Ground Coordinates (Pt. 124) N 498145.31824 E 955752.72966

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 MEASUREMENTS 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 OBTAINED FROM ADOT (P&M Job No. 3462) 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.

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 AVE, 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.

MISCELLANEOUS MONUMENTATION			
PT.	NORTHING	EASTING	DESCRIPTION
325	494995.49206	955078.19317	Fd. Brass Cap flush
327	494946.63256	955024.22146	Fd. Brass Cap flush
328	494241.36692	954423.74553	Fd. Brass Cap flush
329	494214.78621	954406.12551	Fd. Brass Cap flush
330	494052.01458	954208.34095	Fd. Brass Cap flush WLB RLS 12214
331	493712.10934	954073.44164	Fd. Brass Cap flush WLB RLS 12214
334	493753.48375	954010.79051	Fd. Brass Cap flush WLB RLS 12214
335	493783.28288	953982.31936	Fd. Brass Cap flush WLB RLS 12214
401	496053.32156	958402.42855	Fd. Town of Marana Brass Cap; RLS 12214
404	495530.33830	957123.54845	Fd. Brass Cap flush WLB RLS 12214
406	495887.85800	957119.27165	Fd. Town of Marana Brass Cap; RLS 12214
407	496314.90694	955565.43437	Fd. 1/2" Rebar no tag
409	495237.23764	957126.25138	Fd. Town of Marana Brass Cap; RLS 12214
411	495447.35551	956457.35851	Fd. 5/8" Rebar no tag
417	495529.07055	957022.85461	Fd. Town of Marana Brass Cap; RLS 12214
418	495571.34057	956730.93773	Fd. Brass Cap flush
419	495642.46162	956500.61146	Fd. Brass Cap flush
420	495550.33307	956272.65111	Fd. 1/2" Rebar no tag
500	495574.89633	954878.49226	Fd. 3/4" Iron pipe no tag
506	493745.19773	954869.22058	Fd. Town of Marana Brass Cap; RLS 12214
511	496520.65626	954180.19757	Fd. 5/8" Rebar no tag
512	495988.41584	954569.50066	Fd. 5/8" Rebar no tag
513	495611.36211	954845.17157	Fd. Alm Cap flush; RLS 12214
515	493314.31264	955953.05734	Fd. Town of Marana Brass Cap; RLS 12214
516	493403.25248	955851.30845	Fd. Town of Marana Brass Cap; RLS 12214
517	493510.34069	955494.62550	Fd. Town of Marana Brass Cap; RLS 12214
518	493499.92810	955417.56622	Fd. Town of Marana Brass Cap; RLS 12214
519	493492.34777	955361.85298	Fd. Town of Marana Brass Cap; RLS 12214
520	493636.45452	954967.63404	Fd. Town of Marana Brass Cap; RLS 12214
521	493876.41101	954750.54045	Fd. Town of Marana Brass Cap; RLS 12214
522	493975.76591	954654.20704	Fd. Town of Marana Brass Cap; RLS 12214
524	494561.70466	954046.07695	Fd. Town of Marana Brass Cap; RLS 12214
525	495186.37079	954366.27379	Fd. Town of Marana Brass Cap; RLS 12214
526	495137.03503	954281.92968	Fd. Town of Marana Brass Cap; RLS 12214
527	494967.81899	953792.64376	Fd. Town of Marana Brass Cap; RLS 12214
528	495212.25537	953747.06959	Fd. Town of Marana Brass Cap; RLS 12214
529	495520.05349	953778.38328	Fd. Town of Marana Brass Cap; RLS 12214
530	495985.30515	953901.85420	Fd. Town of Marana Brass Cap; RLS 12214
531	496009.67086	953908.66159	Fd. Town of Marana Brass Cap; RLS 12214
532	495758.85429	954303.18261	Fd. Town of Marana Brass Cap; RLS 12214
533	495407.43372	954615.18232	Fd. Town of Marana Brass Cap; RLS 12214
534	494802.85084	954777.33461	Fd. 5/8" Rebar no tag
535	494462.32493	954084.02729	Fd. Brass Cap; WLB RLS 12214
536	494418.91897	954053.09003	Fd. Brass Cap; WLB RLS 12214
537	494208.79330	953946.02352	Fd. Brass Cap; WLB RLS 12214
538	494188.12532	953935.52670	Fd. Brass Cap; WLB RLS 12214
539	494164.10726	954019.92851	Fd. Brass Cap; WLB RLS 12214
540	494125.52107	954090.63986	Fd. Brass Cap; WLB RLS 12214
541	494108.65738	954122.65999	Fd. Brass Cap; WLB RLS 12214
542	494077.31091	953918.11769	Fd. Brass Cap; WLB RLS 12214
543	493866.62806	953951.94173	Fd. Brass Cap; WLB RLS 12214
610	496407.58891	954262.81690	Fd. 5/8" rebar no tag
900	496464.86046	954220.91629	Fd. Town of Marana Brass Cap; RLS 12214
905	494896.16131	955107.18745	Fd. 1/2" Rebar tag unreadable

CALCULATED POINTS		
PT.	NORTHING	EASTING
1006	499812.21082	951410.23416
1007	493814.88494	956736.32144
1024	495507.26001	955233.36204
1025	494875.46282	955794.44661
1033	500447.95423	951337.56384
1034	494171.53210	957137.91629
1058	498109.80552	953362.19923
1062	495632.84786	955787.44204
1063	495513.70550	955761.38380
1064	495483.45510	955789.33970
1065	495515.34909	955896.02847
1067	494105.11660	957063.13055
1074	496680.40569	954063.12641
1075	495108.22601	955213.27767
1076	494196.36973	956212.12763
1077	493084.83087	957280.00935
1078	494449.70723	955936.26912
1079	494576.59624	955796.95697
1080	495503.48514	954924.12002
1087	494517.90548	956402.68004
1088	494594.95737	956486.15439
1089	494519.17454	956555.57478
1090	494329.94038	956567.21064
1091	494330.28398	956592.20828
1092	494354.46249	956591.93983
1093	494354.11889	956566.94219
1451	495685.21611	956147.88679
1452	494737.37107	956211.83820
1453	495645.08216	956492.12480
1454	495571.32253	956730.99614
1455	496479.03362	957011.28273
1456	495529.10440	957022.87838
1458	495453.50522	956974.25062
1461	495498.50350	956973.83565
1462	495499.72410	957073.82865
1463	495431.02198	957174.46646
1464	495431.25252	957199.46540
1465	495456.25066	957199.16025
1466	495530.33326	957123.54850
1467	495754.35912	956083.93078
1468	495716.74356	956514.25268
1469	495642.98393	956753.12402
1470	495604.09881	957021.96294
1471	495604.65665	957067.66160
1472	495629.65478	957067.35645
1473	495629.95382	957092.35466
1474	495605.99330	957177.65341
1475	495630.99744	957177.34826
1476	495630.69840	957152.35005
1477	495620.09133	958332.08816
1478	495645.08947	958331.78301

CALCULATED POINTS		
PT.	NORTHING	EASTING
1479	495645.35638	958356.78158
1480	495471.01306	958408.51278
1481	494942.90005	955027.53470
1482	495205.63644	955142.01563
1483	495176.11468	955101.66138
1484	495138.72570	955134.85872
1485	495019.04047	955000.06153
1486	495027.07415	955302.37475
1487	494990.12930	955268.67850
1488	495027.52582	955235.48964
1489	494934.16298	955130.38872
1490	494925.91122	955139.44839
1491	494909.81763	955121.32177
1492	494896.35539	955106.93921
1493	494692.33063	954888.96680
1494	492118.81010	957599.45555
1495	495000.53151	954936.26266
1496	494980.61588	954913.82680
1497	494958.73750	954934.35328
1498	494661.42214	954855.94532
1499	494473.59046	954687.82755
1500	494305.67117	954376.65585
1501	494261.62023	954528.42941
1502	494256.15622	954536.33489
1503	494243.58552	954527.68412
1504	494209.67156	954577.18001
1505	494166.46340	954535.55004
1506	494058.18328	954489.39544
1507	494014.97511	954447.76546
1508	494048.08921	954397.73091
1509	494243.98619	954310.96526
1510	494225.98331	954293.61890
1511	494212.18577	954314.46663
1512	494091.55922	954234.63303
1513	494105.35676	954213.78529
1514	494084.50198	954199.99841
1515	494046.99015	954175.14152
1516	494026.13537	954161.35464
1517	494012.33783	954182.20237
1518	493798.98826	954041.00240
1519	493812.78580	954020.15467
1520	493800.59616	953998.32779
1521	493747.55511	953982.26622
1522	493729.46496	953965.01089
1523	493715.66742	953985.85862
1524	494226.91959	954414.15568
1525	494975.11912	955063.36414
1526	495446.11097	956368.50562
1527	492115.48431	957633.55119
1528	495697.08021	956323.72856
1529	495527.28242	956873.62049

PUBLIC INFORMATION USED IN PREPARATION OF SURVEY

PIMA COUNTY RECORDER'S OFFICE					
SEC.	TWP.	RNG.	BOOK	PAGE	DESCRIPTION
26	12S	12E	51	6	Cortaro Ranch
26	12S	12E	25	67	Oshrin Park
26	12S	12E	27	26	Oshrin Park
26	12S	12E	56	49	Continental Ranch Center
26	12S	12E	49	37	Continental Ranch Center Westside
26	12S	12E	60	75	Continental Ranch Business Park
26	12S	12E	33	97	Peppertree Ranch
26	12S	12E	58	57	Resubdivision of Continental Ranch Retail
26	12S	12E	55	47	Parcel 63A Continental Ranch

ADOT RIGHT OF WAY PLANS AND AS-BUILTS				
PROJECT NO.	DWG NO.	ADOT TRACS NO.	DESCRIPTION	DATE
I-10-4(28)239	D-10-T-287	---	CASA GRANDE-TUCSON HIGHWAY	1961
ER-10-4(89)	D-10-T-346	---	MARANA T.I.-PRINCE ROAD	1984

GLO & BLM PLATS		
PLAT NO.	DESCRIPTION	DATE
1954	T. 12S. R. 12E. G. & S. R. M.	1924
1955	T. 12S. R. 12E. G. & S. R. M.	1897

UNION PACIFIC RAILROAD	
DATE	DESCRIPTION
1881	STRIP MAP 704-10-5

EXIST ADOT & MISC. R/W MONUMENTATION					
PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
119	493083.90954	957280.89240	ADOT AC CAP	4944+12.89	96.00 RT
154	496680.98673	954062.78328	ADOT AC CAP	4895+89.95	95.87 RT

SECTION CORNERS			
PT.	NORTHING	EASTING	DESCRIPTION
124	498145.34334	955752.74355	SEE DETAILED DESCRIPTIONS ON SHEETS RS-1 TO RS-2
125	498106.30577	953126.61417	
128	500758.69285	953091.86764	
132	492872.35166	955811.27199	
133	495481.88552	953154.65523	
403	495546.01050	958407.84516	
1027	498099.19333	950504.90212	
1028	498099.16620	950494.90215	
1030	495514.04362	955789.08277	