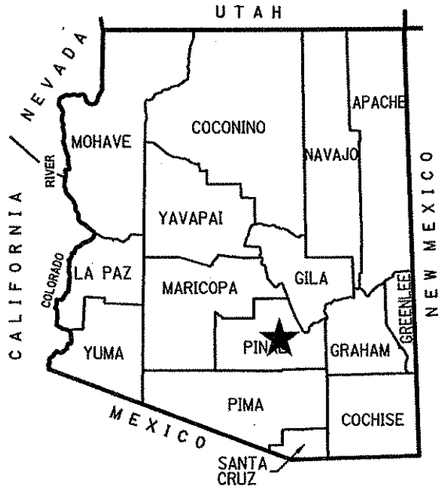


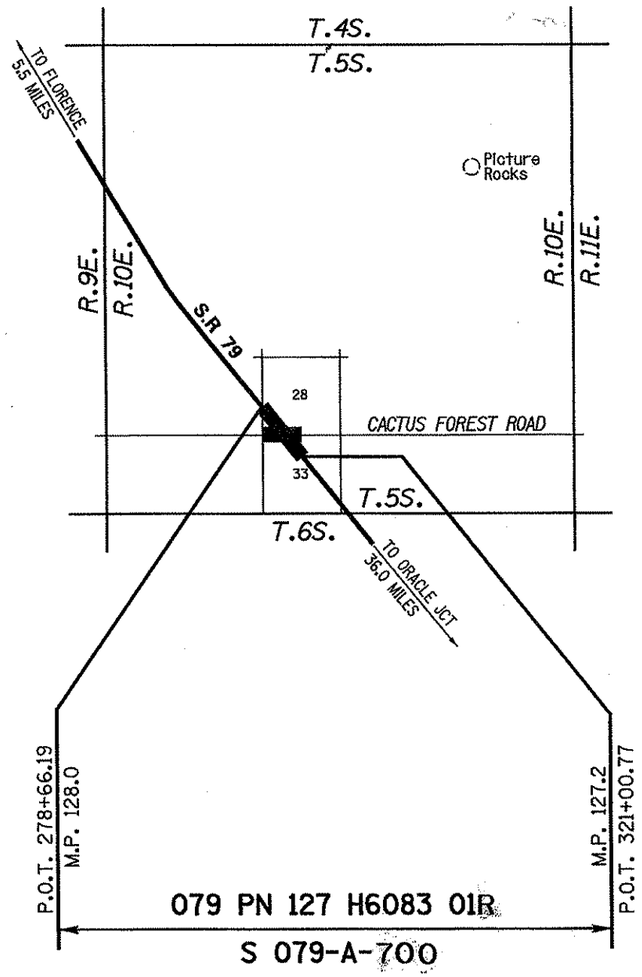
★ PROJECT LOCATION
COUNTY NAME: PINAL
LENGTH OF PROJECT: 0.8 MILES
ADOT DISTRICT: TUCSON (T)
DRAWING NUMBER: D-11-T-477

RIGHT OF WAY PLANS OF THE

ORACLE JCT. - FLORENCE HIGHWAY
CACTUS FOREST ROAD INTERSECTION
079 PN 127 H6083 01R
S 079-A-700

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

ADOT



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-4
RESULTS OF SURVEY	RS-1 TO RS-2
TOTAL SHEETS	10

Click here for SR 79 Index

APPROVED IN ACCORDANCE WITH
ARIZONA DEPARTMENT OF TRANSPORTATION BOARD
RESOLUTION 2003-06-A-031 DATED 6-20-2003
RESOLUTION 2003-11-A-070 DATED 11-19-2003

079rw127.cover
Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
Date: 2004.05.12 08:42:09 -07'00'
ELECTRONIC SEAL
"Digitally signed per A.R.S. 41-132"
HUBBARD ENGINEERING 480-892-3313 Gilbert, AZ
jcrume@hubbardengineering.com

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
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	Q.C.D.
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	S.W.D.
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	W.D.

Boundary Lines
- City Limit Line
- County Line
- Forest-City Limit Line
- Forest-Reservation Line
- 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 Grant Boundary Line
- 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 (1)
- Data Hex (1)
- Data Square [1]
- 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

North Arrow

- Found or Set Section Corner (31 | 32 / 6 | 5)
- Found or Set Quarter Corner (4-0-3)
- Found or Set Center Quarter Corner (3)
- Unfound Section Corner (31 | 32 / 6 | 5)
- Unfound Quarter Corner (4 / 9)
- Unfound Center Quarter Corner (3)

Mile Post Marker (MP 115)

Click here for SR 79 Index

079rw127.standards

DRAWING NO.	D-11-T-477	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION	
SURVEY	See attached survey	HIGHWAY NAME: ORACLE JCT. - FLORENCE	Professional Land Surveyor AZ No. 19817 Digitally signed by Jim Crume Date: 2004.05.12 08:42:28 -07'00' ELECTRONIC SEAL "Digitally signed per A.R.S. 41-132"
DRAWN/DATE	J Crume/Feb 03		
ADOT REVIEW	D. Casdorph	FEDERAL IDENTIFICATION NO.: S 079-A-700	
HUBBARD ENGINEERING 480-892-3313 Gilbert, AZ jcrume@hubbardengineering.com		TRACS NO. 079 PN 127 H6083 01R	
ROUTE NO.: S.R. 79	SECTION NAME: Cactus Forest Road Intersection		SHEET S-1

OWNERSHIP RECORD

ACQUISITION RECORD

PARCEL NUMBER	OWNER	DESCRIPTION OF AREA REQUIRED	TOTAL AREA	AREA REQUIRED			REMAINDER		SHEET NO.	ACQUISITION RECORD			
				GROSS (INCLUDING EXISTING R/W)	NET (EXCLUDING EXISTING R/W)	NEW EASEMENTS	LEFT	RIGHT		INSTRUMENT TYPE	INSTRUMENT DATE	RECORDED DATE	RECORDED DOCUMENT
11-0618	Mary Yolanda Rael	Pt. SW4 Sec. 28 T.5S. R.10E	869,050	219,846	20,498	10,521		649,204	P-1,P-2				
11-0619	Double R. Circle, L.L.C.	Pt. SW4 Sec. 28 T.5S. R.10E.	622,896	115,082	15,819		507,814		P-1 TO P-3				
11-0623	Edith V. Gill	Pt. NW4 Sec. 33 T.5S. R.10E.	157,924	13,750	5,500		144,174		P-3,P-4				
11-0624	Lewis H. Taylor et ux	Pt. NW4 Sec. 33 T.5S. R.10E.	71,159	17,422	6,676		53,737		P-3				
11-0625	Tanner D. Gill	Pt. NW4 Sec. 33 T.5S. R.10E.	724,364	201,111	6,427		523,253		P-3,P-4				
11-0628	Hamlin L. Shute III	Pt. NW4 Sec. 33 T.5S. R.10E.	5,669,436	315,198	35,037			5,354,238	P-2,P-4				

ALL AREAS ARE IN SQUARE FEET UNLESS OTHERWISE NOTED

Click here for SR 79 Index

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

079rw127.ownership1

DRAWING NO.	D-11-T-477
SURVEY	See attached survey
DRAWN/DATE	J Crume/Feb 03
ADOT REVIEW	D. Casdorph

HUBBARD ENGINEERING 480-892-3313 Gilbert, AZ
jcrume@hubbardengineering.com

ROUTE NO.: S.R. 79

SECTION NAME: Cactus Forest Road Intersection

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

HIGHWAY NAME: ORACLE JCT. - FLORENCE

FEDERAL IDENTIFICATION NO.: S 079-A-700

TRACS NO. 079 PN 127 H6083 01R

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim D Crume
Date: 2005.01.27 10:45:44 -07'00'
ELECTRONIC SEAL
"Digitally signed per ASBTR Substantive Statement dated 6-17-02"

SHEET ORS-1

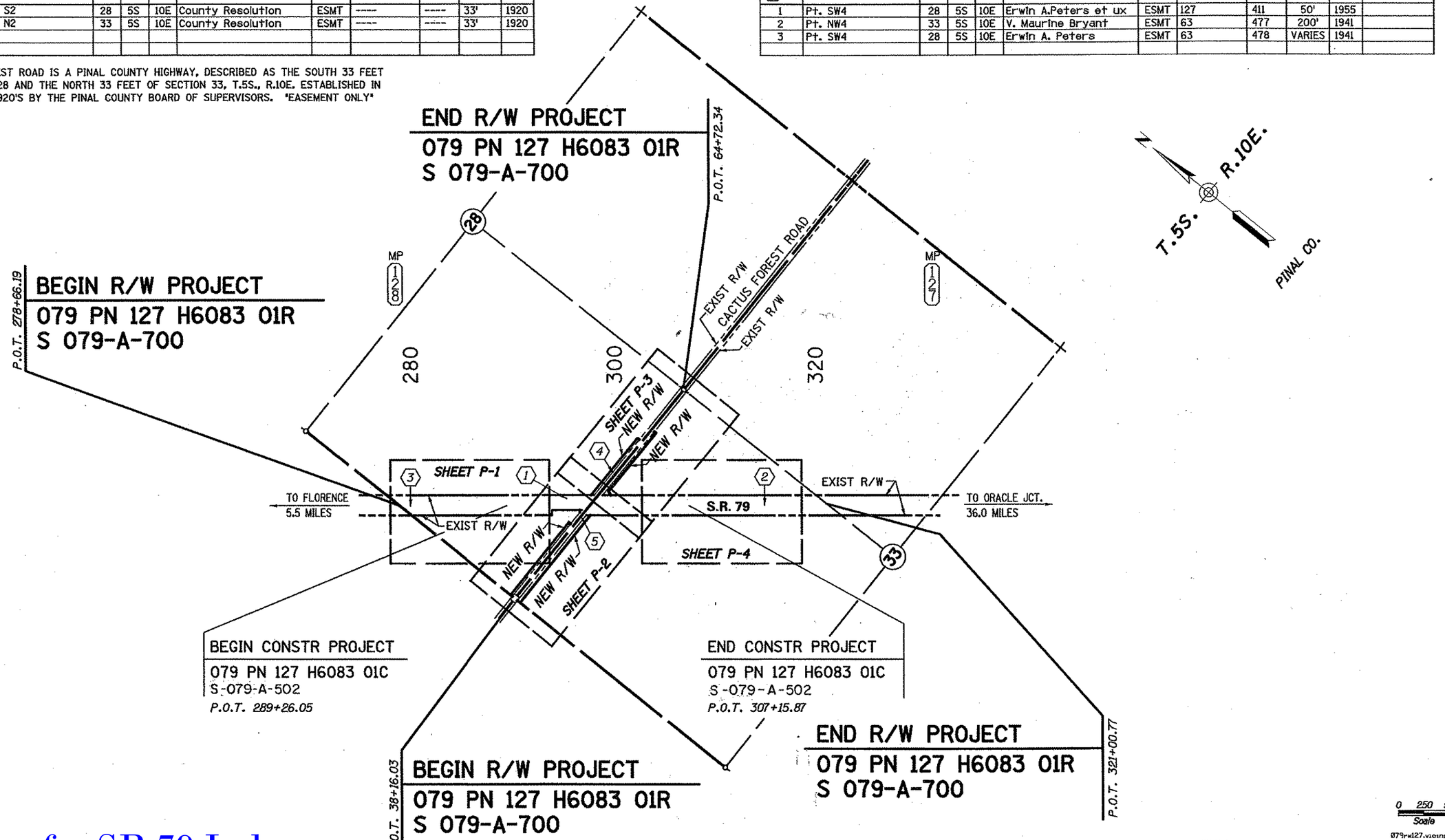
INDEX TO EXISTING CITY/COUNTY R/W

(#) ID.	LOCATION	SEC.	T.	R.	ACQ. FROM	TYPE	BK./DKT.	PAGE	WIDTH	YEAR
4	Pt. S2	28	5S	10E	County Resolution	ESMT	----	----	33'	1920
5	Pt. N2	33	5S	10E	County Resolution	ESMT	----	----	33'	1920

CACTUS FOREST ROAD IS A PINAL COUNTY HIGHWAY, DESCRIBED AS THE SOUTH 33 FEET OF SECTION 28 AND THE NORTH 33 FEET OF SECTION 33, T.5S., R.10E. ESTABLISHED IN THE EARLY 1920'S BY THE PINAL COUNTY BOARD OF SUPERVISORS. "EASEMENT ONLY"

INDEX TO EXISTING ADOT R/W

(#) ID.	LOCATION	SEC.	T.	R.	ACQ. FROM	TYPE	BK./DKT.	PAGE	WIDTH	YEAR	PARCEL NO.
1	Pt. SW4	28	5S	10E	Erwin A.Peters et ux	ESMT	127	411	50'	1955	
2	Pt. NW4	33	5S	10E	V. Maurine Bryant	ESMT	63	477	200'	1941	
3	Pt. SW4	28	5S	10E	Erwin A. Peters	ESMT	63	478	VARIES	1941	



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VICINITY MAP

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

DRAWING NO.	D-11-T-477
SURVEY	See attached survey
DRAWN/DATE	J Crume/Feb 03
ADOT REVIEW	D. Casdorph

HUBBARD ENGINEERING 480-892-3313 Gilbert, AZ
jcrume@hubbardengineering.com

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

HIGHWAY NAME: ORACLE JCT. - FLORENCE
FEDERAL IDENTIFICATION NO.: S 079-A-700
TRACS NO.: 079 PN 127 H6083 01R.
ROUTE NO.: S.R. 79
SECTION NAME: Cactus Forest Road Intersection

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
Date: 2004.05.12 08:43:00 -07'00'
ELECTRONIC SEAL
"Digitally signed per A.R.S. 41-132"

SHEET VM-1

Click here for SR 79 Index

T.5S. R.10E.

PINAL CO.

280 NW 4 SW 4

285 SW 4 SW 4

290

Approx 1/16 Line

1/4 Cor. Fd. B.L.M. B.C.

EXIST R/W

29 28 1174.03'

Section Line S00°17'53"E 1276.05' (R) 2642.06'

29 28 32 33

Sec. Cor. Fd. Pinal Co. B.C. In HH

P.O.T. 278+66.19

BEGIN R/W PROJECT
079 PN 127 H6083 01R
S 079-A-700

100'

Exist R/W, Sur & Constr ℄ S.R. 79 S39°07'35"E

1348.23' (R)

EXIST R/W

1158.78' (R)

UNDEFINED TELEPHONE EASEMENT PER DOCKET 47 PAGE 589

11-0619

SEE PARCEL INSERT ON SHEET P-2

EXIST R/W

720.64' (R)

SHEET P-2

100'

100'

100'

EXIST R/W

MATCH LINE

UNDEFINED TELEPHONE EASEMENT PER DOCKET 47 PAGE 589

11-0618

SEE PARCEL INSERT ON SHEET P-2

P.O.T. 289+26.05

BEGIN CONSTR PROJECT
079 PN 127 H6083 01C
S-079-A-502

0 25 50
Scale

079rw127.plan01

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

DRAWING NO.	D-11-T-477
SURVEY	See attached survey
DRAWN/DATE	J Crume/Feb 03
ADOT REVIEW	D. Casdorph

HUBBARD ENGINEERING 480-892-3313 Gilbert, AZ
jcrume@hubbardengineering.com

ROUTE NO.: S.R. 79

SECTION NAME: Cactus Forest Road Intersection

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

HIGHWAY NAME: ORACLE JCT. - FLORENCE

FEDERAL IDENTIFICATION NO.: S 079-A-700

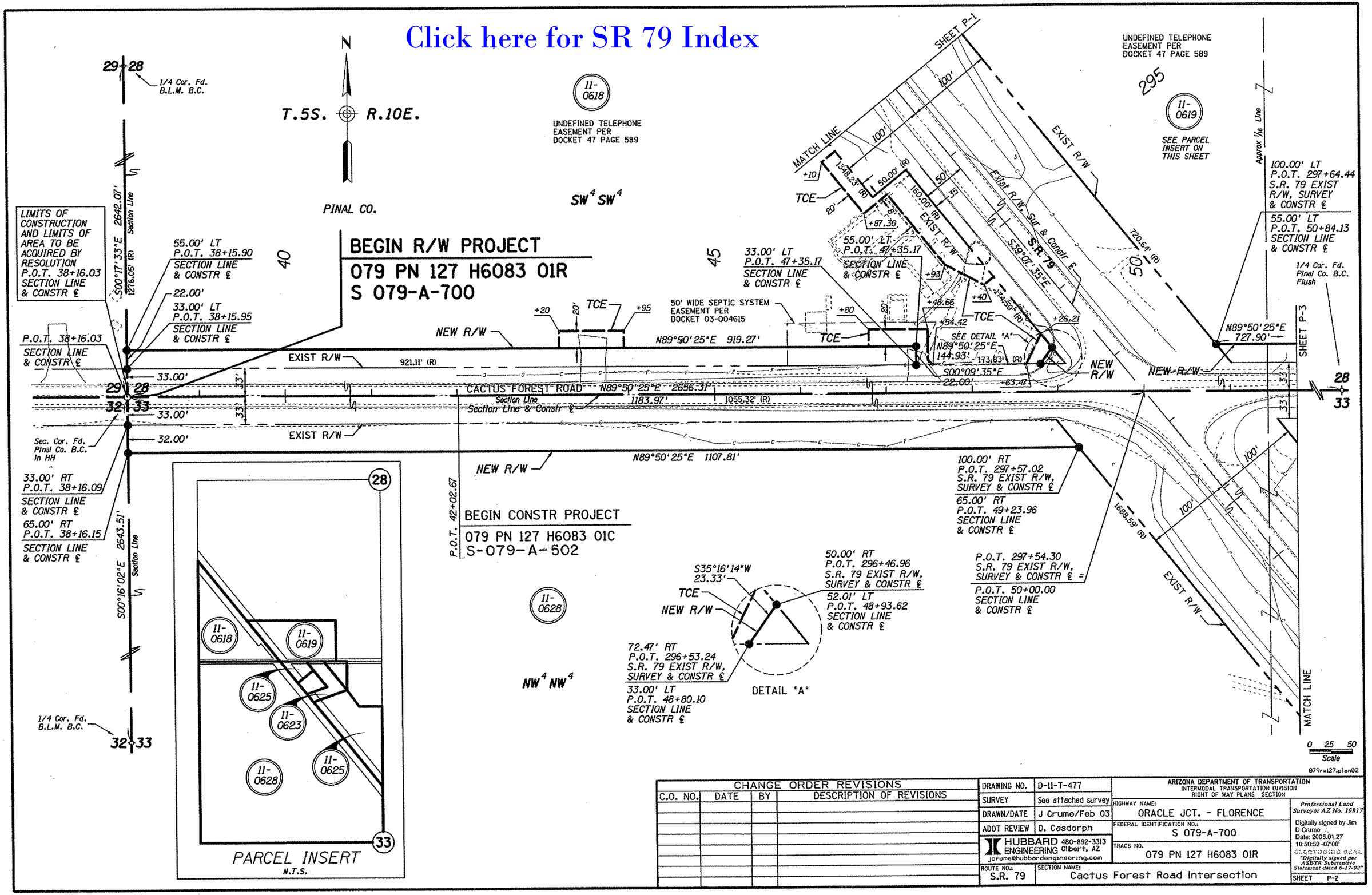
TRACS NO.: 079 PN 127 H6083 01R

SHEET P-1

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
Date: 2004.05.12 08:43:17-07'00'

ELECTRONIC SEAL
"Digitally signed per A.R.S. 41-132"

Click here for SR 79 Index



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

DRAWING NO.	D-11-T-477
SURVEY	See attached survey
DRAWN/DATE	J Crume/Feb 03
ADOT REVIEW	D. Casdorph

HUBBARD ENGINEERING 480-892-3313 Gilbert, AZ
jcrume@hubbardengineering.com

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

HIGHWAY NAME: ORACLE JCT. - FLORENCE
FEDERAL IDENTIFICATION NO.: S 079-A-700
TRACS NO. 079 PN 127 H6083 01R
ROUTE NO.: S.R. 79
SECTION NAME: Cactus Forest Road Intersection

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim D Crume
Date: 2005.01.27 10:50:52 -07'00'
ELECTRONIC SEAL
"Digitally signed per ASBTR Substantive Statement dated 6-17-02"

SHEET P-2

Click here for SR 79 Index

N

T.5S. R.10E.

PINAL CO.

UNDEFINED TELEPHONE EASEMENT PER DOCKET 47 PAGE 589

11-0619

SEE PARCEL INSERT ON SHEET P-2

$SE^4 SW^4$

55

60

559.96' (R)

C1/4 Cor. Fd. 1/2" Rebar LS 17258

28

S00°28'46"E 2645.47' Mid Sec Line

END R/W PROJECT
079 PN 127 H6083 01R
S 079-A-700

Sec. Cor. Fd. Pinal Co. B.C. in HH

29 28
32 33

SHEET P-2

NEW R/W

EXIST R/W

N89°50'25"E 727.90'

708.23' (R)

S00°28'29"E 22.00'

55.00' LT
P.O.T. 58+12.03
SECTION LINE & CONSTR ℄

33.00' LT
P.O.T. 58+12.16
SECTION LINE & CONSTR ℄

LIMITS OF CONSTRUCTION AND LIMITS OF AREA TO BE ACQUIRED BY RESOLUTION. P.O.T. 59+67.63 SECTION LINE & CONSTR ℄

P.O.T. 64+72.34
SECTION LINE & CONSTR ℄

CACTUS FOREST ROAD

N89°50'25"E 2656.31'

338.97' (R)

Section Line

Section Line & Constr ℄

172.44' (R)

33'

33'

250.00' (R)

EXIST R/W

N00°14'39"W 22.00'

N89°50'25"E 747.84'

55.00' RT
P.O.T. 59+67.67
SECTION LINE & CONSTR ℄

33.00' RT
P.O.T. 59+67.63
SECTION LINE & CONSTR ℄

P.O.T. 60+70.23

END CONSTR PROJECT
079 PN 127 H6083 01C
S-079-A-502.

1/4 Cor. Fd. Pinal Co. B.C. Flush

S00°15'46"E 2636.59' Mid Sec Line

C1/4 Cor. Fd. 1/2" Rebar LS 16183

33

B

A

N20°06'16"E 42.29'

11-0625

125.04' (R)

300

282.27' (R)

194.44' (R)

480.72' (R)

540.00' (R)

11-0623

SEE PARCEL INSERT ON SHEET P-2

11-0624

419.60' (R)

EXIST R/W

Exist R/W, SUR & Constr ℄

S.R. 79

S39°07'35"E

100'

100'

EXIST R/W

MATCH LINE

SHEET P-4

MATCH LINE

$NE^4 NW^4$

S.R. 79 EXIST R/W, SURVEY & CONSTR ℄			
A	100.00'	LT	P.O.T. 299+56.94
B	136.33'	LT	P.O.T. 299+35.31

SECTION LINE & CONSTR ℄			
A	94.67'	RT	P.O.T. 52+05.19
B	55.00'	RT	P.O.T. 52+19.83

0 25 50
Scale

079-w127.plan03

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

DRAWING NO.	D-11-T-477
SURVEY	See attached survey
DRAWN/DATE	J Crume/Feb 03
ADOT REVIEW	D. Casdorph

HUBBARD ENGINEERING 480-892-3313 Gilbert, AZ
jcrume@hubbardengineering.com

ROUTE NO.: S.R. 79

SECTION NAME: Cactus Forest Road Intersection

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

HIGHWAY NAME: ORACLE JCT. - FLORENCE

FEDERAL IDENTIFICATION NO.: S 079-A-700

TRACS NO.: 079 PN 127 H6083 01R

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
Date: 2004.05.12 08:43:49 -07'00'
ELECTRONIC SEAL
"Digitally signed per A.R.S. 41-132"

SHEET P-3

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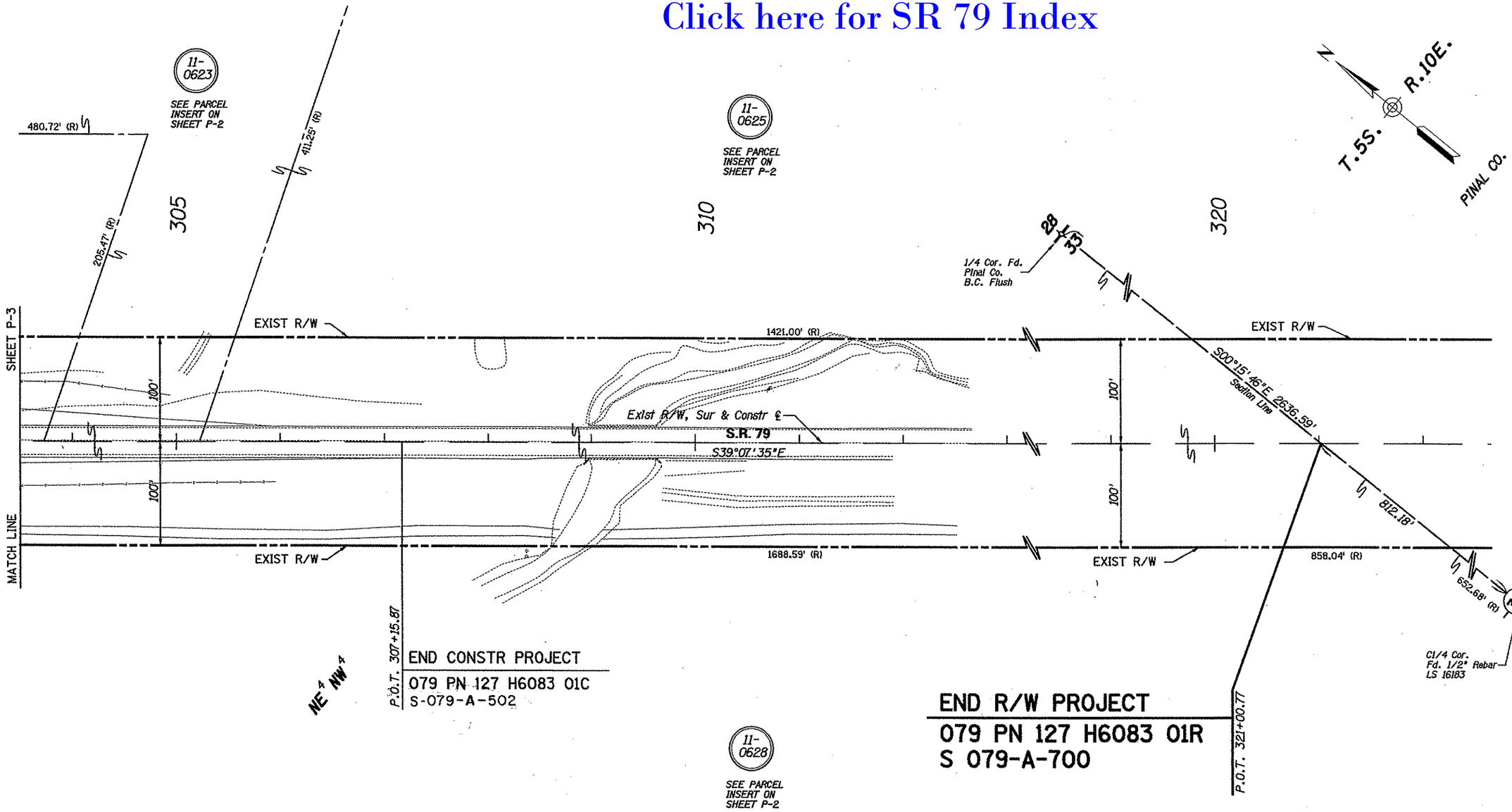


0 25 50
Scale

079-w127.plan84

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

DRAWING NO.	D-11-T-477
SURVEY	See attached survey
DRAWN/DATE	J Crume/Feb 03
ADOT REVIEW	D. Casdorph

HUBBARD ENGINEERING 480-892-3313 Gilbert, AZ
jcrume@hubbardengineering.com

ROUTE NO.: S.R. 79
SECTION NAME: Cactus Forest Road Intersection

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

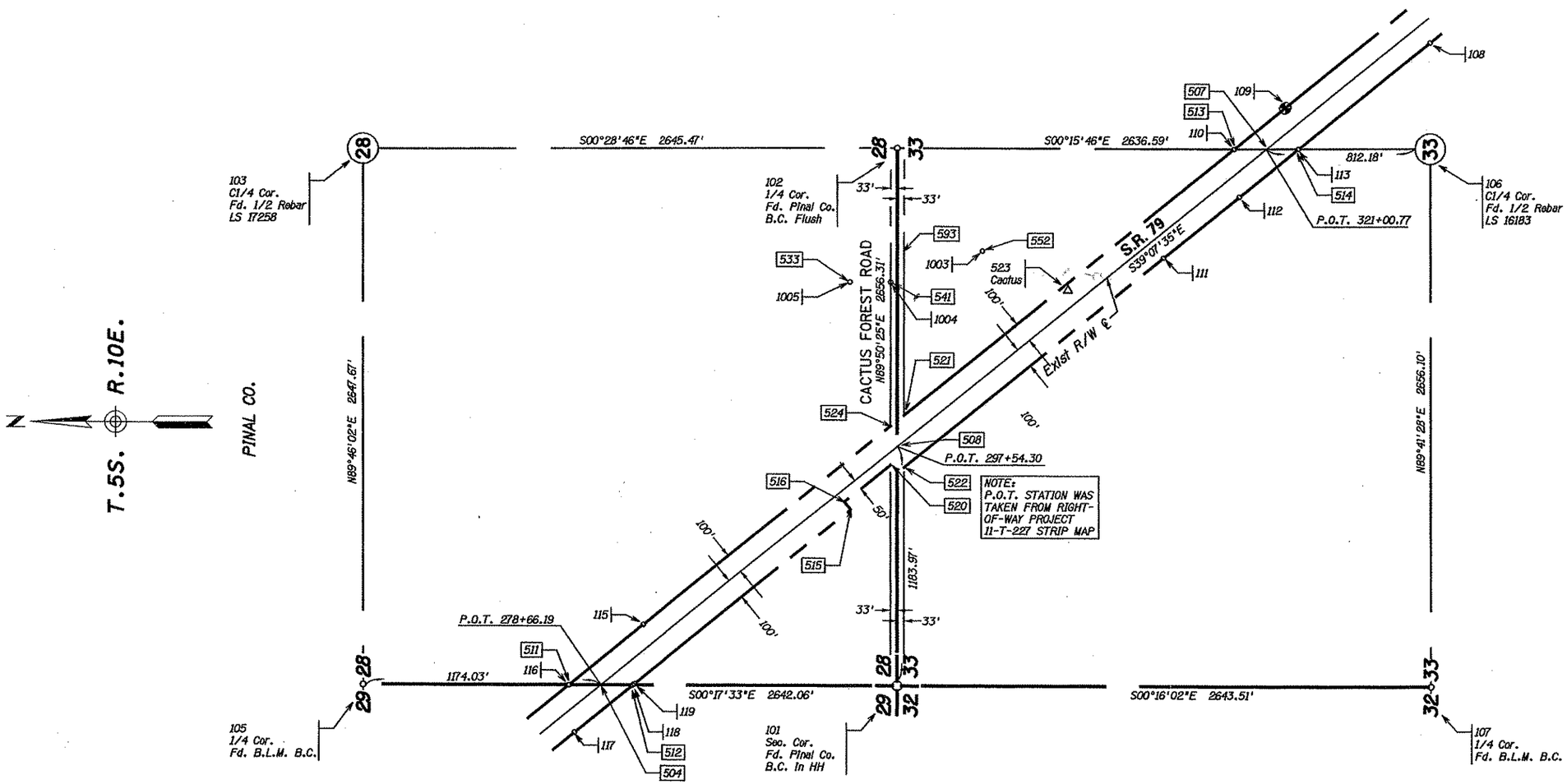
HIGHWAY NAME: ORACLE JCT. - FLORENCE
FEDERAL IDENTIFICATION NO.: S 079-A-700
TRACS NO. 079 PN 127 H6083 01R

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
Date: 2004.05.12 08:44:06 -07'00'
ELECTRONIC SEAL
"Digitally signed per A.R.S. 41-132"

SHEET P-4

Click here for SR 79 Index

RESULT OF SURVEY



0 150 300
Scale

079rw127.survey01

LEGEND

302 Set Monument — NF = Not Found
300 Found Monument — RP = Radius Point
301 Calculated position

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

DRAWING NO.	D-11-T-477
SURVEY	FEB 2003
DRAWN/DATE	J Crume/Feb 03
ADOT REVIEW	D. Casdorph

HUBBARD ENGINEERING 480-892-3313 Gilbert, AZ
jcrume@hubbardengineering.com

ROUTE NO.: S.R. 79
SECTION NAME: Cactus Forest Road Intersection

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

HIGHWAY NAME: ORACLE JCT. - FLORENCE
FEDERAL IDENTIFICATION NO.: S 079-A-700
TRACS NO.: 079 PN 127 H6083 01R

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
Date: 2004.05.12 08:44:27 -07'00'
ELECTRONIC SEAL
"Digitally signed per A.R.S. 41-132"

SHEET RS-1

Click here for SR 79 Index

RESULTS OF SURVEY

GENERAL NOTES

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

CACTUS NAD 83(1992) 32°57'21.73489"(N) 111°19'51.36352"(W)
Grid Coordinates N 712036.34514 E 879660.82021

VAH KI NAD 83(1992) 32°58'42.70047"(N) 111°21'11.08017"(W)
Grid Coordinates N 720181.95210 E 872824.88189

25009 P & M Grid Coordinates N 712882.94280 E 880355.60269
25015 P & M Grid Coordinates N 712875.47847 E 877699.51251

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 1.00009028 AND SCALE ORIGIN VALUES OF NO.000, EO.000 AS OBTAINED FROM ADOT WERE USED FOR THE TRANSLATION TO THE SURFACE.

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

MONUMENT VERIFICATION AND ACCEPTANCE:

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

SECTION MONUMENTATION

PT.	NORTHING	EASTING	DESCRIPTION
101	712939.84841	877778.68618	BC HH
102	712947.25087	880434.98187	BC FLUSH
103	715592.63178	880412.84609	REBAR LS17258
105	715581.87130	877765.20216	BLM BC
106	710310.68679	880447.07316	REBAR LS16183
107	710296.36747	877791.00904	BLM BC

NGS CONTROL POINTS

PT.	NORTHING	EASTING	DESCRIPTION
100	720246.97013	872903.68052	VAH-KI
523	712100.62778	879740.23599	CACTUS

CALCULATED POINTS

PT.	NORTHING	EASTING	DESCRIPTION
504	714407.86080	877771.19393	(C)
507	711122.85855	880443.34854	(C)
508	712943.14784	878962.65110	(C)
511	714567.33190	877770.38004	(C)
512	714248.38971	877772.00781	(C)
513	711282.22758	880442.61767	(C)
514	710963.48952	880444.07940	(C)
515	713170.95339	878648.43839	(C)
516	713202.50500	878687.22623	(C)
520	712975.89412	878871.56075	(C)
521	712910.58076	879118.04888	(C)
522	712909.86393	878860.81920	(C)
524	712976.43175	879064.48301	(C)

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 FOLLOWING EXISTING DOCUMENTATION:
1) R/W PROJECTS: 11-T-227, 11-T-270, 11-T-290(3) & S-111 (5)
2) THE MOST CURRENT B.L.M. MAPS, NOTES AND DEPENDENT RESURVEYS

EXISTING R/W LINE S.R. 287

LEFT SIDE			RIGHT SIDE		
PT.	STATION	OFFSET	PT.	STATION	OFFSET
511	277+41.97	100.00 LT	512	279+90.42	100.00 RT
524	297+92.74	100.00 LT	515	293+79.30	100.00 RT
521	298+77.63	100.00 LT	516	293+79.30	50.00 RT
513	319+76.68	100.00 LT	520	296+71.42	50.00 RT
			522	297+15.86	100.00 RT
			514	322+24.86	100.00 RT

EXIST R/W MONUMENTATION

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
109	711030.46862	880646.93803	RR TEE	323+00.91	99.64 LT

OTHER SURVEY MONUMENTATION

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
108	710313.65662	880972.61543	1/2" REBAR	330+62.50	100.05 RT
110	711281.78857	880442.96828	3/4" PIPE	319+77.24	100.00 LT
111	711628.31754	879903.36027	1/2" REBAR	313+67.91	99.94 RT
112	711254.99544	880207.10384	1/2" REBAR	318+49.19	99.89 RT
113	710963.76579	880444.09218	1/2" REBAR LS16183	322+24.66	99.82 RT
115	714197.66890	878071.12762	1/2" REBAR LS17258	282+18.52	100.04 LT
116	714567.47448	877769.86234	1/2" REBAR LS17258	277+41.53	99.69 LT
117	714538.31326	877536.47456	1/2" REBAR	276+16.88	99.77 RT
118	714248.89219	877771.87403	CAP LS20358	279+89.94	99.79 RT
119	714242.08079	877777.63360	1/2" REBAR	279+98.86	99.62 RT

PROPERTY CORNERS

PT.	NORTHING	EASTING	DESCRIPTION
533	713178.40362	879773.05416	(C)
541	712978.41098	879774.71104	(C)
552	712525.99100	879932.02134	(C)
593	712912.84452	879930.37327	(C)
1003	712526.08055	879932.01505	Weathered Cap
1004	712978.40723	879774.66171	5/8" Rebar
1005	713178.47959	879773.09569	5/8" Rebar

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CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-11-T-477
SURVEY	FEB 2003
DRAWN/DATE	J Crume/Feb 03
ADOT REVIEW	D. Casdorph

HUBBARD ENGINEERING 480-892-3313 Gilbert, AZ
jcrume@hubbardengineering.com

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

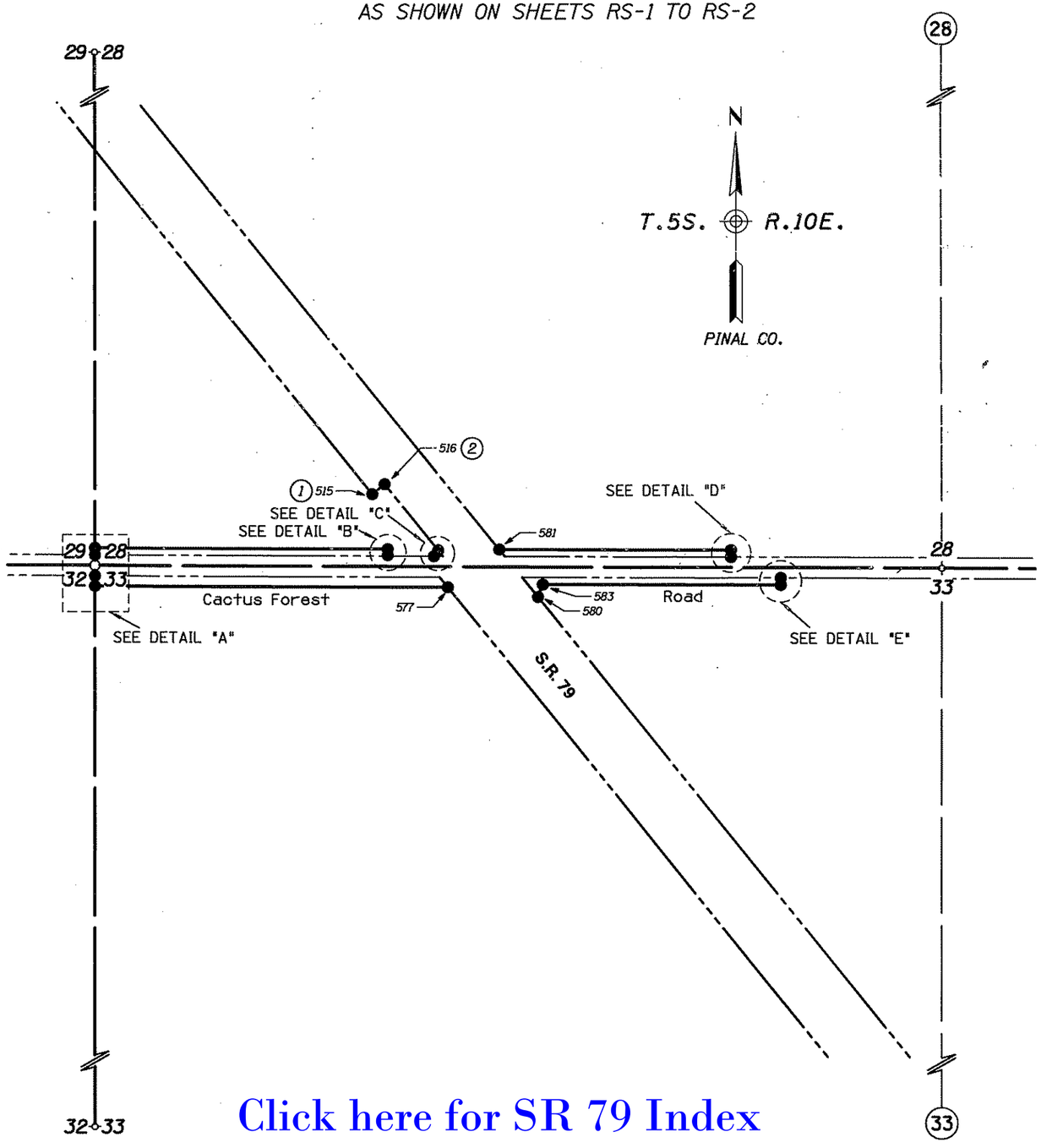
HIGHWAY NAME: ORACLE JCT. - FLORENCE
FEDERAL IDENTIFICATION NO.: S 079-A-700
TRACS NO. 079 PN 127 H6083 01R
ROUTE NO.: S.R. 79
SECTION NAME: Cactus Forest Road Intersection

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
Date: 2004.05.12 08:44:45 -07'00'
ELECTRONIC SEAL
"Digitally signed per A.R.S. 41-132"

SHEET RS-2

RIGHT OF WAY STAKING PLAN

INITIAL MONUMENTS SET PRIOR TO CONSTRUCTION.
FINAL MONUMENTS WILL BE SET AT THE END OF CONSTRUCTION.
FOR ADDITIONAL INFORMATION SEE RESULTS OF SURVEY
AS SHOWN ON SHEETS RS-1 TO RS-2



Click here for SR 79 Index

MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
515	713170.95339	878648.43839	SET STANDARD MONUMENT	293+79.30	100.00' RT
516	713202.50500	878687.22623	SEE NOTE 2	293+79.30	50.00' RT
541	712978.41098	879774.71104	SEE NOTE 3	58+12.16	33.00' LT
544	712975.40970	878697.73142		47+35.17	33.00' LT
545	712972.84807	877778.51776	SEE NOTE 3	38+15.95	33.00' LT
577	712877.93618	878886.79053		49+23.96	65.00' RT
578	712975.81358	878842.66009		48+80.10	33.00' RT
580	712849.05171	879168.09912		52+05.19	94.67' RT
581	712998.38207	879046.62772		50+84.13	55.00' LT
582	713000.41056	879774.52878		58+12.03	55.00' LT
583	712888.76066	879182.63400		52+19.83	55.00' RT
586	712994.84784	877778.40548	SEE NOTE 2	38+15.90	55.00' LT
587	712997.40961	878697.67011		47+35.17	55.00' LT
588	712874.84900	877778.98918		38+16.15	65.00' RT
589	712906.84871	877778.84001		38+16.09	33.00' RT
593	712912.84452	879930.37327		59+67.63	33.00' RT
594	712890.84469	879930.46699		59+67.67	55.00' RT
2000	712994.86137	878856.13201		48+93.62	52.01' LT

REFER TO THE R/W PLANS FOR THE BASIS OF STATIONING.

NOTES

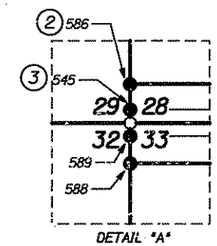
12" spike with Alum. washer PLS #19817 shall be set as temporary monuments for each of the points shown unless otherwise noted.

The contractor is responsible for maintaining and replacing any temporary monuments that are destroyed during construction.

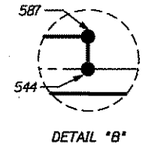
(1) *Set 3" ADOT aluminum cap on 3/4" bar for final R/W monument.*

(2) *Found 3/4" bar w/ cap PLS 19817*

(3) *Found 1/2" rebar w/ tag (Unreadable)*



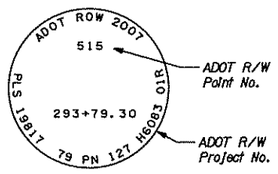
DETAIL "A"

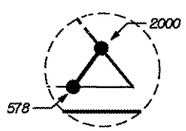


DETAIL "B"

STANDARD ADOT R/W MONUMENT DETAIL

Unless otherwise noted, all set monuments are 3" aluminum cap on 3/4" rebar. Typical stamping below.





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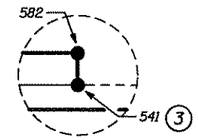
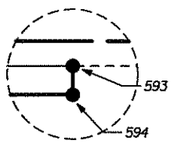


DETAIL "D"



DETAIL "E"

MAY 2 5 2007

0 50 200
Scale

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LEGEND

- *Initial R/W monument to be set unless otherwise noted*
- *Existing ADOT R/W monument*

DRAWING NO.	D-11-T-477	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION
SURVEY	MAY 2007	
DRAWN/DATE	J Crume/Feb 03	HIGHWAY NAME: ORACLE JCT. - FLORENCE
ADOT REVIEW	D. Casdorph	FEDERAL IDENTIFICATION NO.: S 079-A-700
HUBBARD ENGINEERING 480-892-3313 Gilbert, AZ jcrume@hbaz.us		TRACS NO. 079 PN 127 H6083 01R
ROUTE NO.: S.R. 79	SECTION NAME: Cactus Forest Road Intersection	PRELIMINARY NOT FOR CONSTRUCTION OR RECORDING --Created-- 5/24/2007 2:55:34 PM
		SHEET MS-1