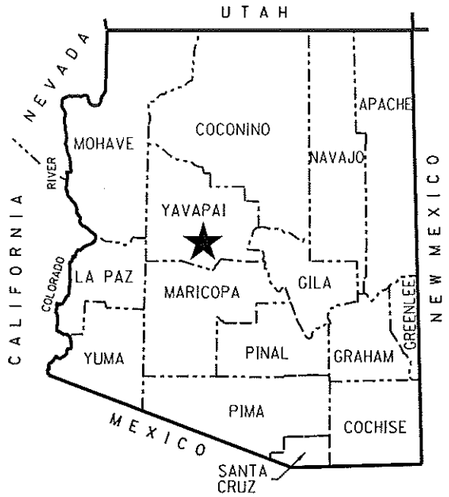
RIGHT OF WAY PLANS OF THE

PHOENIX-CORDES JUNCTION HIGHWAY

CORDES JCT. TI

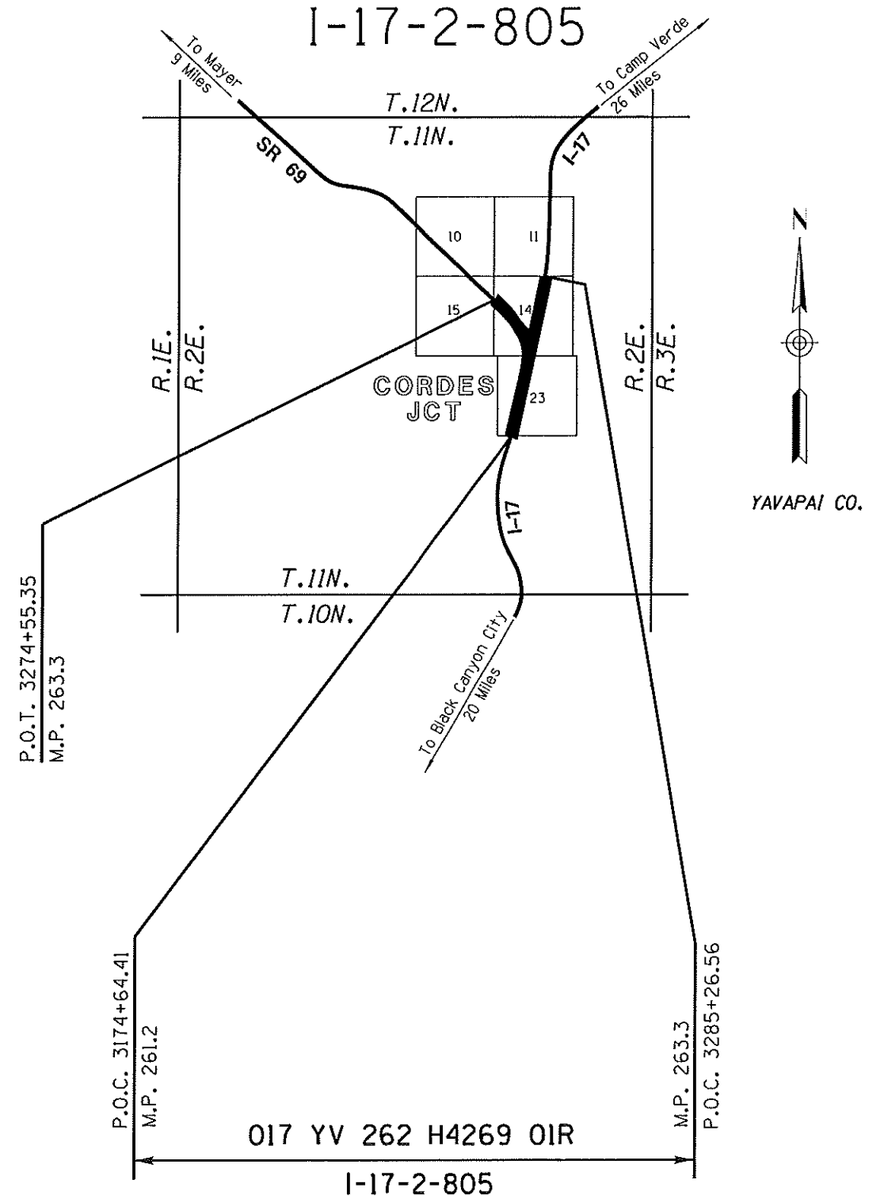
017 YV 262 H4269 01R

I-17-2-805



★ PROJECT LOCATION

COUNTY NAME: YAVAPAI
LENGTH OF PROJECT: 2.5 MILES
ADOT DISTRICT: Prescott (P)
DRAWING NUMBER: D-13-T-465



ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

ADOT

Click here for I-17 Index

SHEET INDEX

COVER SHEET	1
STANDARD ABBREVIATIONS & SYMBOLS	S-1
OWERSHIP RECORD SHEET	ORS-1
VICINITY MAP SHEET	VM-1
PLAN SHEET	P-1 TO P-6
RESULTS OF SURVEY	RS-1 TO RS-8
RIGHT OF WAY MONUMENTATION SURVEY	MS-1 TO MS-4
TOTAL SHEETS	22

APPROVED IN ACCORDANCE WITH
ARIZONA DEPARTMENT OF TRANSPORTATION BOARD

RESOLUTION 2003-04-A-019	DATED 4-18-2003
RESOLUTION 2008-04-A-015	DATED 4-18-2008
RESOLUTION 2008-12-A-067	DATED 12-19-2008
RESOLUTION 2009-04-A-024	DATED 4-17-2009
RESOLUTION 2010-03-A-024	DATED 3-19-2010
RESOLUTION 2011-02-A-012	DATED 2-18-2011

017rw262_cvr.dgn

Professional Land Surveyor AZ No. 54400
Digitally signed by Jeremy K. Haws
Date: 2013.08.27 14:14:28 -07'00'
(Expires 3-31-16)
ELECTRONIC SEAL

HUBBARD ENGINEERING 480-892-3313 Mesa, AZ
jhaws@hubbardengineering.com Job # 27030

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 (1)

Data Hex (1)

Data Square [1]

Dimension Arrow

Dimension Tie

Exist. ADOT R/W Monument

New R/W Monument

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

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 115 — Mile Post Marker

Click here for I-17 Index

017rw262_std.dgn

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

DRAWING NO.	D-13-T-465
SURVEY	See attached survey
DRAWN/DATE	B Crume/Sep 07
ADOT REVIEW	MIKE HINEMAN
HUBBARD ENGINEERING	Ritoch-Powell & Associates
480-892-3313	602-263-1177
ROUTE NO.: I-17	LOCATION: Cordes Jct. TI

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

HIGHWAY NAME: PHOENIX-CORDES JUNCTION
FEDERAL AID NO.: I-17-2-805
PROJECT NO.: 017 YV 262 H4269 01R

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
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ELECTRONIC SEAL
http://www.azsls.az.gov

SHEET S-1

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
6 8	13-1085	KUHSE PROPERTIES LTD.	LOTS 26, 27 SEC. 23 & LOT 60 SEC. 14 T.11N. R.2E.	536,759	157,641	6 28,573	8 5,281 TCE		379,118	P-2, P-4	FOC	4830/632
	13-1087	GOLDEN ARCH LTD.	LOT 60 SEC. 14 T.11N. R.2E.				627 TCE			P-4	TCE	NOT RECORDED
	13-1090	ROSE GARDEN III LTD.	LOTS 51, 52, & 59 SEC. 14 T.11N. R.2E.	337,961	96,384	51,305			241,577	P-4	FOC	4858/114
	13-1092	CJ LAND HOLDINGS LLC.	LOT 50 SEC. 14 T.11N. R.2E.	223,023	54,318	28,689	2,951 TCE		168,705	P-4	FOC	4830/628
7	13-1096	JIM DELIS ET AL	LOT 47 & 48 SEC. 14 T.11N. R.2E.	446,037	140,397	119,422	776 TCE		305,640	P-4	SWD	4725/523 4725/524
	13-1097	CJ LAND HOLDINGS LLC.	LOT 45 SEC. 14 T.11N. R.2E.	135,197	22,602	19,639			112,595	P-4	FOC	4829/943
5	13-1099	THE CATTLEMAN'S TRUST	LOT 34 SEC. 14 T.11N. R.2E.	244,832	39,600	36,475			205,232	P-4	WD	4703/107
3	13-1100	JOAN S. WERHANE 1992 DECLARATION OF TRUST	LOT 33 SEC. 14 T.11N. R.2E.	3 223,138	66,627	59,827			156,511	P-4	WD	4673/742
4	13-1101	ROY E. OHLINGER	LOT 32 SEC. 14 T.11N. R.2E.	312,958	149,360	112,277			4 163,598	P-4, P-5	WD	4667/2
2	13-1102	MARK H. WILLIS ET UX	LOT 31 SEC. 14 T.11N. R.2E.	2 195,579	193,833	158,137			1,746	P-5	WD	BK 4093 PG 37
1	13-1103	WILLIAM PRICE REVOCABLE TRUST	LOT 30 SEC. 14 T.11N. R.2E.	1 185,503	92,281	84,859			93,222	P-5	FOC	4703/23
	13-1104	DOROTHY A. ROUSE	LOT 29 SEC. 14 T.11N. R.2E.	175,424	66,205	54,495			109,219	P-5	WD	4714/75
	13-1105	EDITH K. LINK REVOCABLE TRUST	LOT 18 SEC. 14 T.11N. R.2E.	244,425	40,627	35,460			203,798	P-5	WD	4640/114
	13-1106	JAY JAY & EM, L.L.C.	LOT 17 SEC. 14 T.11N. R.2E.	221,737	13,552	13,422			208,185	P-5	WD	4640/703
	13-1107	ROLLIE DEAN CRAVEN	LOT 19 SEC. 14 T.11N. R.2E.	151,015	26,882	23,028		124,133		P-5	FOC	4777/849
	13-1114	WILLIAM O. NAEGELE	LOTS 28, 35, 36, 37, 40-43 SEC. 14 T.11N. R.2E. NE4 SEC. 15 T.11N. R.2E.	2,647,543	517,553	405,763		2,129,990		P-3 & P-6	FOC	4898/259
	13-1154	CJ Shell, L.L.C.	LOT 61 SEC. 14 T.11N. R.2E.	445,747	32,019	7,998	7,626 TCE		413,728	P-4	FOC	4807/41
	13-1313	YAVAPAI COUNTY BOARD OF SUPERVISORS	LOTS 8, 14, 15, 18, 19, 21, & 22 SEC. 23 T.11N. R.2E.	2,605,976	247,340	229,754			2,358,636	P-2	EASE	4649/885
	13-1315	MICHEAL PAPAMATHEAKIS	LOT 36 SEC. 14 T.11N. R.2E.	121,683	37,510	20,340	10,687 TCE 5,934 DE	84,173		P-6	FOC	4820/220
	13-1317	CHARLENE LISLE	NE4 SEC. 14 T.11N. R.2E.	222,932	43,994	19,283			178,938	P-5	WD	4659/77
	13-1318	TED P. KANELOS ET AL	SE4 SEC. 14 T.11N. R.2E.	ACCESS RIGHTS ONLY						P-4 & P-5	EASE	4699/953
9	13-1695	TEODORICO GUTIERREZ ET UX	NE4 SEC. 15 T.11N. R.2E.	221,714	187,091	9 10,333	827 SE	7,728	26,895	P-6	FOC	4815/143
	13-1829	TEODORICO I. GUTIERREZ ET AL	NE4 SEC. 15 T.11N. R.2E.	221,671			9,798 SE		221,671	P-6	EASE	4758/712 & 713

1. PARCEL ACQUIRED AS A TOTAL ACQUISITION (2005)
2. PARCEL ACQUIRED AS A TOTAL ACQUISITION (2003)
3. PARCEL TO BE ACQUIRED AS A TOTAL ACQUISITION
4. 2,553 S.F. OF UNECONOMIC REMNANT
5. TOTAL & REMAINDER: 132,238 S.F. OF ADDITIONAL AREA FROM NON-CONTIGUOUS PARCEL-2, SCHEDULE A-1
6. 28,573 S.F. NET INCLUDES 5,900 S.F. OF YAVAPAI CO. EXISTING R/W FOR STAGECOACH TRAIL. (SEE P-4)
7. NOTE RIGHT OF WAY PLANS UPDATE 7-30-2010. (SEE P-4)
8. INCLUDES 2,842 SQ. FT. OF NEW TCE 1-6-2011. SEE SHEET P-4
9. INCLUDES 2,156 SQ. FT. PORTION OF PREVIOUSLY ACQUIRED SLOPE EASEMENT

ALL AREAS ARE IN SQUARE FEET UNLESS OTHERWISE NOTED

Click here for I-17 Index

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

DRAWING NO.	D-13-T-465
SURVEY	
DRAWN/DATE	B Crume/Sep 07
ADOT REVIEW	MIKE HINEMAN
HUBBARD ENGINEERING 480-892-3313 Mesa, AZ hubbardengineering.com Job # 27030	
ROUTE NO.: I-17	LOCATION: Cordes Jct. TI

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

HIGHWAY NAME: PHOENIX-CORDES JUNCTION
FEDERAL AID NO.: I-17-2-805
PROJECT NO.: 017 YV 262 H4269 01R

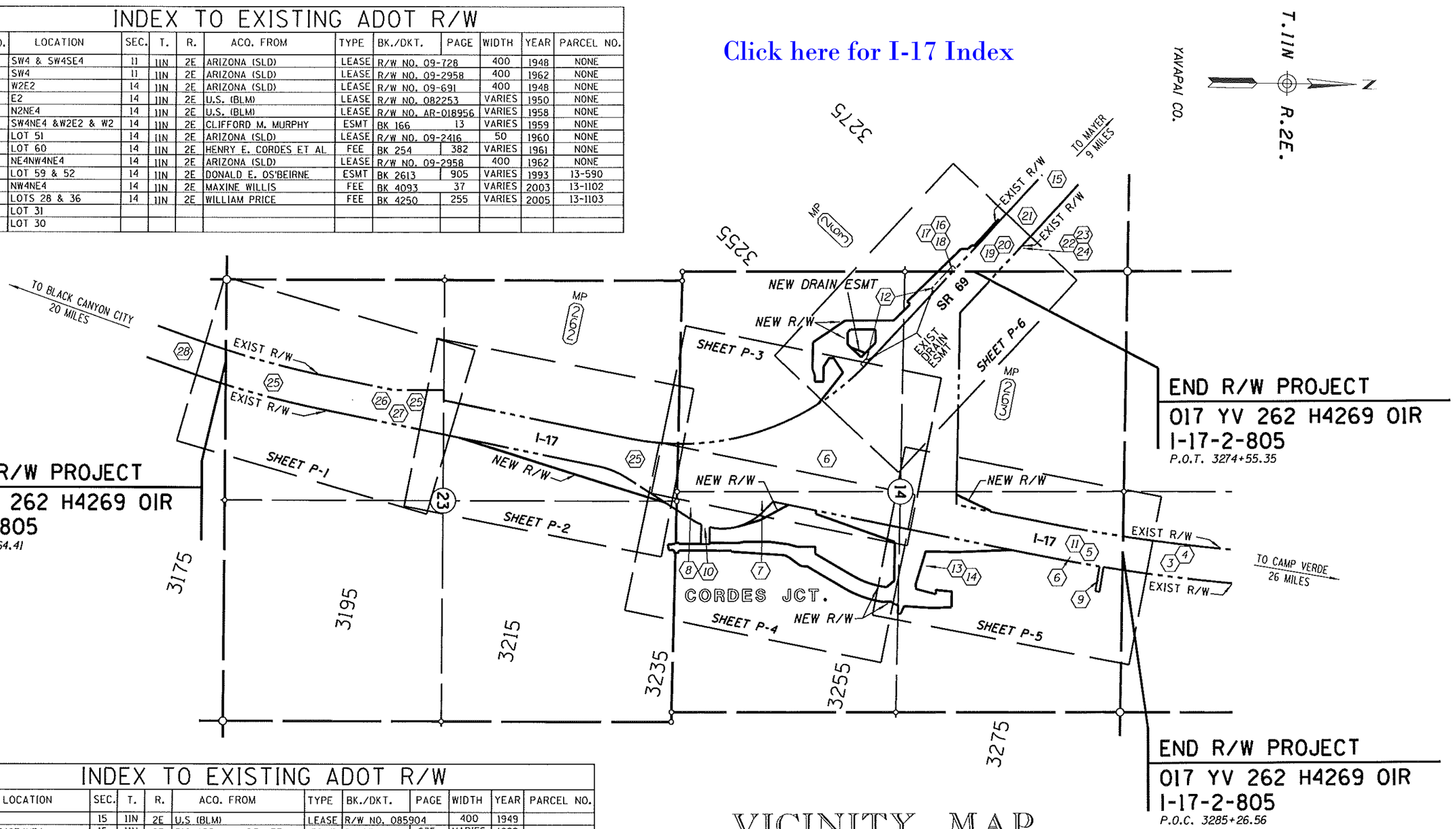
Professional Land Surveyor AZ No. 54400
Digitally signed by Jeremy K. Haws
Date: 2013.08.27 14:15:16 -07'00'
(Expires 3-31-16)
ELECTRONIC SEAL
http://www.hr.state.az.us/

SHEET ORS-1

INDEX TO EXISTING ADOT R/W

ID.	LOCATION	SEC.	T.	R.	ACQ. FROM	TYPE	BK./DKT.	PAGE	WIDTH	YEAR	PARCEL NO.
3	SW4 & SW4SE4	11	11N	2E	ARIZONA (SLD)	LEASE	R/W NO. 09-728		400	1948	NONE
4	SW4	11	11N	2E	ARIZONA (SLD)	LEASE	R/W NO. 09-2958		400	1962	NONE
5	W2E2	14	11N	2E	ARIZONA (SLD)	LEASE	R/W NO. 09-691		400	1948	NONE
6	E2	14	11N	2E	U.S. (BLM)	LEASE	R/W NO. 082253		VARIES	1950	NONE
7	N2NE4	14	11N	2E	U.S. (BLM)	LEASE	R/W NO. AR-018956		VARIES	1958	NONE
8	SW4NE4 &W2E2 & W2	14	11N	2E	CLIFFORD M. MURPHY	ESMT	BK 166	13	VARIES	1959	NONE
9	LOT 51	14	11N	2E	ARIZONA (SLD)	LEASE	R/W NO. 09-2416		50	1960	NONE
10	LOT 60	14	11N	2E	HENRY E. CORDES ET AL	FEE	BK 254	382	VARIES	1961	NONE
11	NE4NW4NE4	14	11N	2E	ARIZONA (SLD)	LEASE	R/W NO. 09-2958		400	1962	NONE
12	LOT 59 & 52	14	11N	2E	DONALD E. OS'BEIRNE	ESMT	BK 2613	905	VARIES	1993	13-590
13	NW4NE4	14	11N	2E	MAXINE WILLIS	FEE	BK 4093	37	VARIES	2003	13-1102
14	LOTS 28 & 36	14	11N	2E	WILLIAM PRICE	FEE	BK 4250	255	VARIES	2005	13-1103
	LOT 31										
	LOT 30										

Click here for I-17 Index



VICINITY MAP

INDEX TO EXISTING ADOT R/W

ID.	LOCATION	SEC.	T.	R.	ACQ. FROM	TYPE	BK./DKT.	PAGE	WIDTH	YEAR	PARCEL NO.
15	NE4	15	11N	2E	U.S (BLM)	LEASE	R/W NO. 085904		400	1949	
16	N2SE4SE4NE4	15	11N	2E	RICHARD J. KURTH ET UX	ESMT	BK 2501	635	VARIES	1992	
17	N2SE4SE4NE4	15	11N	2E	RICHARD J. KURTH ET UX	ESMT	BK 2503	741	VARIES	1992	
18	N2SE4SE4NE4	15	11N	2E	RICHARD J. KURTH ET UX	ESMT	BK 2619	446	VARIES	1992	
19	S2NW4NE4NE4	15	11N	2E	TRUDY S. MULLINS	FEE	BK 2621	697	VARIES	1993	
20	S2NW4NE4NE4	15	11N	2E	SUZANNE K. EDWARDS	FEE	BK 2621	700	VARIES	1993	
21	S2NW4NE4NE4	15	11N	2E	NANCY M. TOBEY	FEE	BK 2621	703	VARIES	1993	
22	S2NW4NE4NE4	15	11N	2E	TRUDY S. MULLINS	ESMT	BK 2621	706	VARIES	1993	
23	S2NW4NE4NE4	15	11N	2E	SUZANNE K. EDWARDS	ESMT	BK 2621	709	VARIES	1993	
24	S2NW4NE4NE4	15	11N	2E	NANCY M. TOBEY	ESMT	BK2621	712	VARIES	1993	
25	E2NW4,W2SW4,SE4SW4	23	11N	2E	U.S. (BLM)	LEASE	R/W NO. 082252		400	1947	
26	NE4SW4	23	11N	2E	ERNEST BENSCH	ESMT	BK 189	467	200	1947	
27	NE4SW4	23	11N	2E	JOHN BENSCH	FEE	BK 167	167	200	1959	
28	W2	23	11N	2E	U.S. (BLM)	LEASE	R/W NO. 084094		400	1949	

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ADOT REVIEW	MIKE HINEMAN
HUBBARD ENGINEERING	Ritoch-Powell & Associates
480-892-3313	602-263-1177
ROUTE NO.: I-17	LOCATION: Cordes Jct. TI

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INTERMODAL TRANSPORTATION DIVISION
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Professional Land Surveyor AZ No. 19817
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SHEET VM-1

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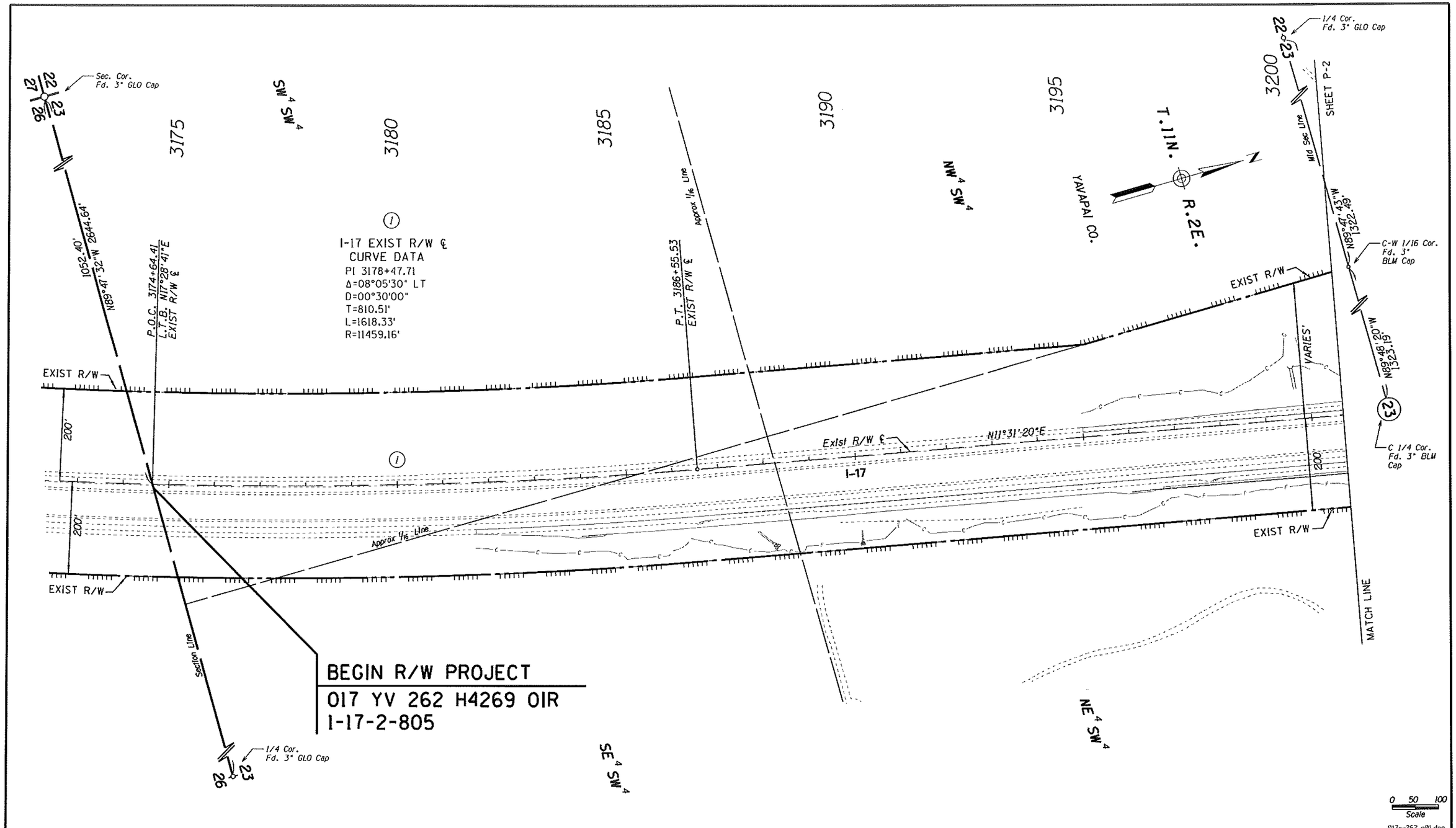

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HUBBARD ENGINEERING 480-892-3313	Ritoch-Powell & Associates 602-263-1177
ROUTE NO.: I-17	LOCATION: Cordes Jct. TI

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SHEET P-1

Click here for I-17 Index

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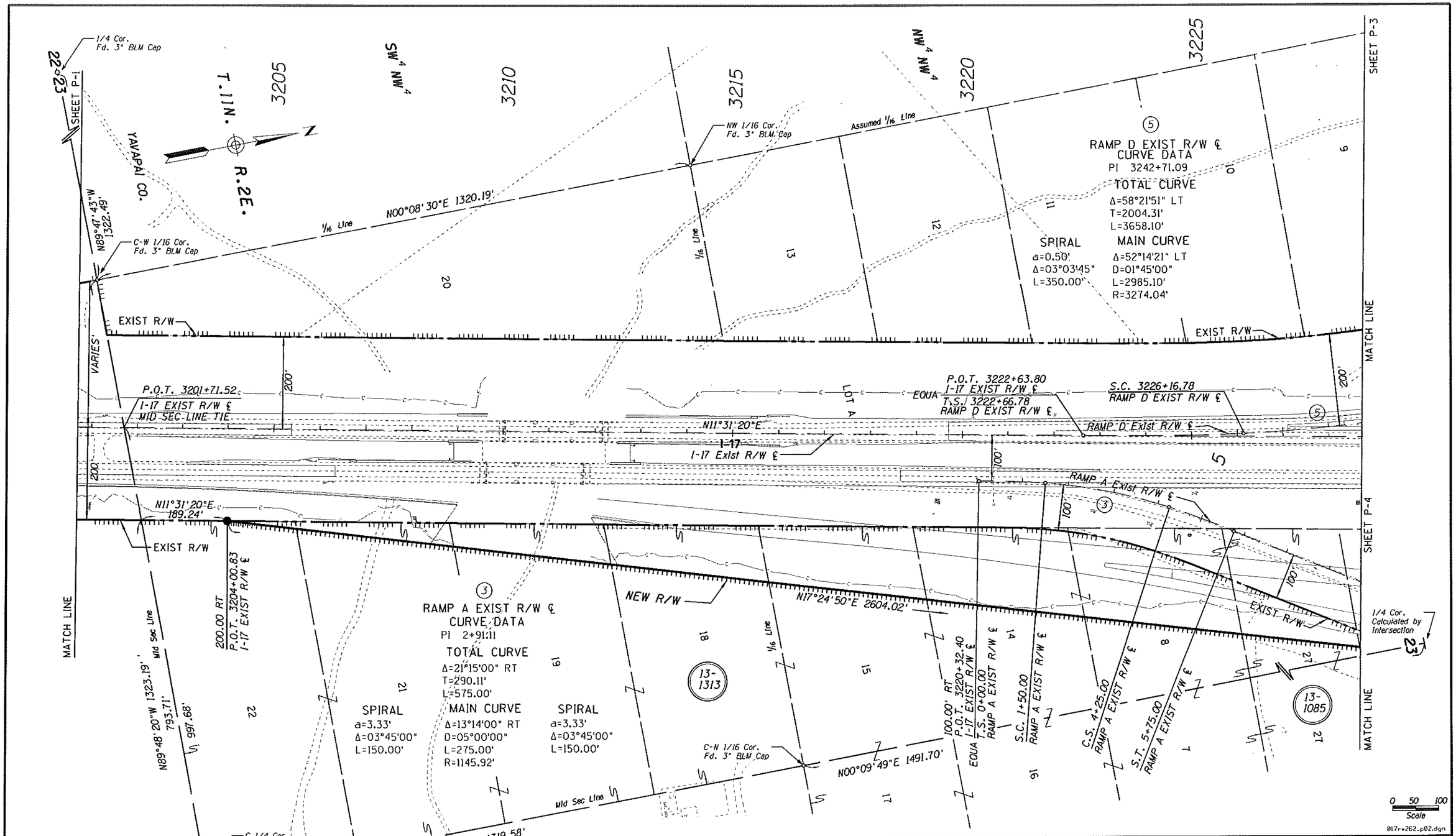

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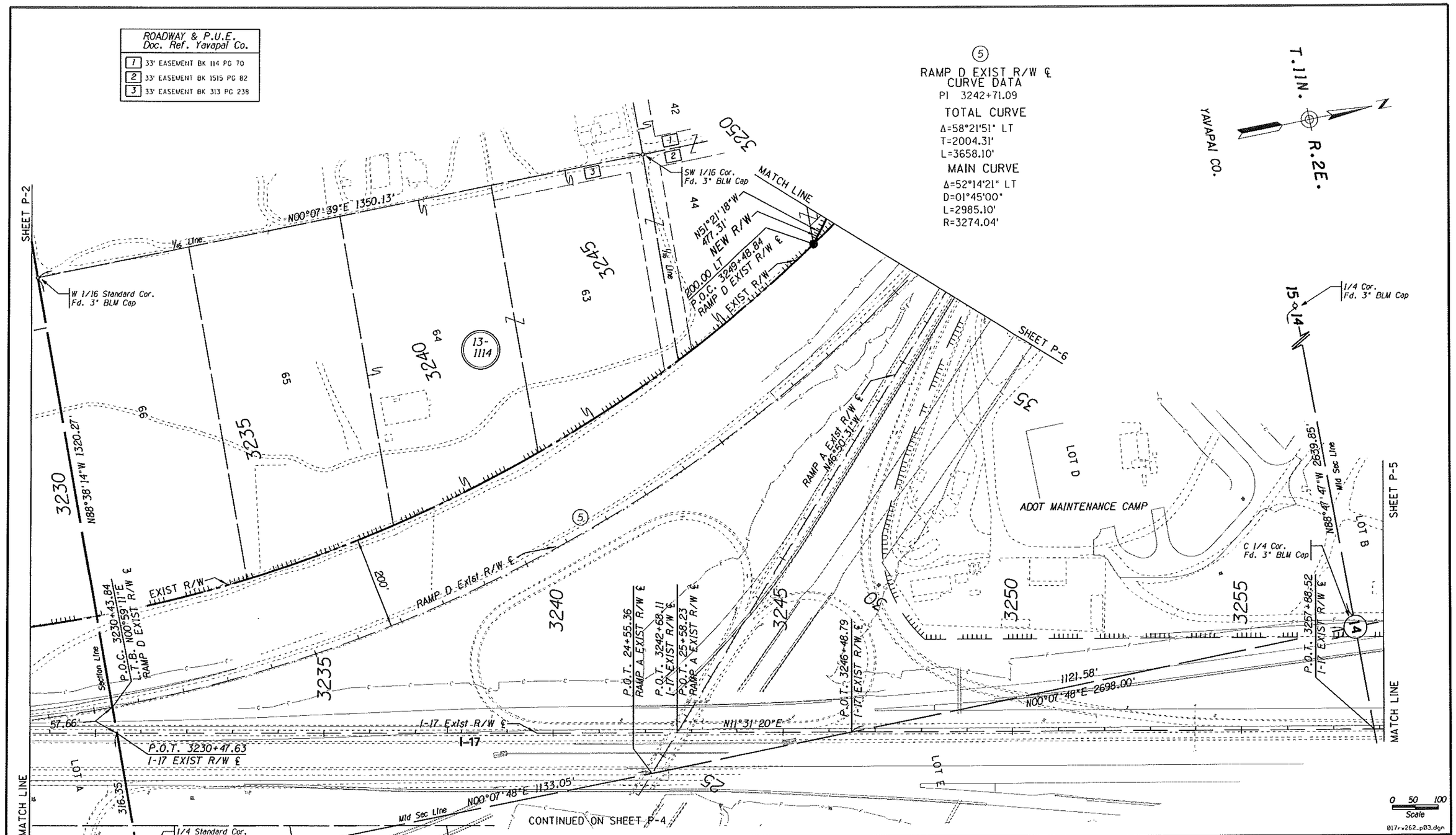
SHEET P-2



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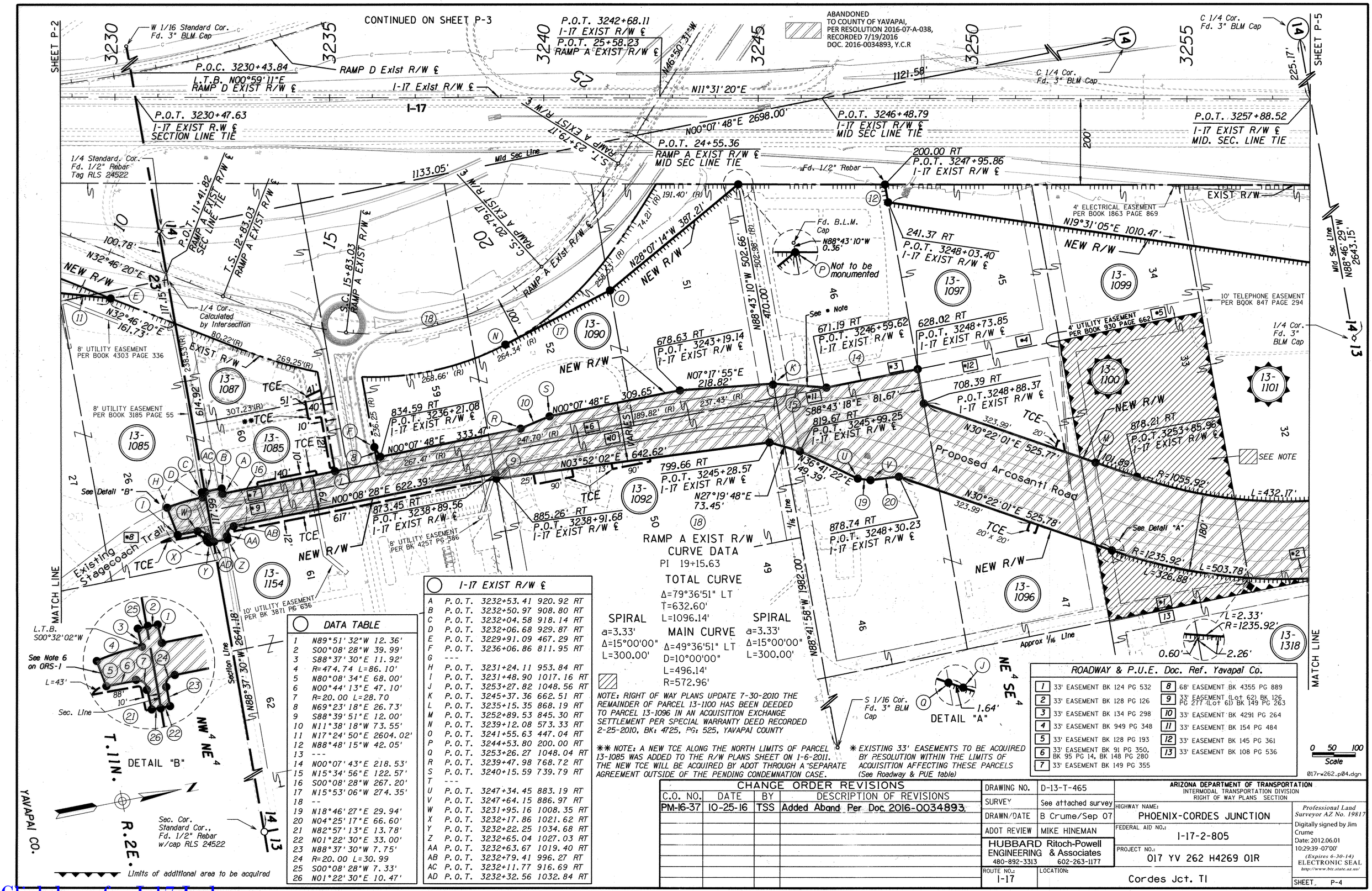
SHEET P-3



DATA TABLE

1	N89°51'32"W	12.36'	
2	S00°08'28"W	39.99'	
3	S88°37'30"E	11.92'	
4	R=474.74	L=86.10'	
5	N80°08'34"E	68.00'	
6	N00°44'13"E	47.10'	
7	R=20.00	L=28.70	
8	N69°23'18"E	26.73'	
9	S88°39'51"E	12.00'	
10	N11°38'18"W	73.55'	
11	N17°24'50"E	2604.02'	
12	N88°48'15"W	42.05'	
13	---		
14	N00°07'43"E	218.53'	
15	N15°34'56"E	122.57'	
16	S00°08'28"W	267.20'	
17	N15°53'06"W	274.35'	
18	--		
19	N18°46'27"E	29.94'	
20	N04°25'17"E	66.60'	
21	N82°57'13"E	13.78'	
22	N01°22'30"E	33.00'	
23	N88°37'30"W	7.75'	
24	R=20.00	L=30.99	
25	S00°08'28"W	7.33'	
26	N01°22'30"E	10.47'	

I-17 EXIST R/W ℄

A	P.O.T.	3232+53.41	920.92 RT
B	P.O.T.	3232+50.97	908.80 RT
C	P.O.T.	3232+04.58	918.14 RT
D	P.O.T.	3232+06.68	929.87 RT
E	P.O.T.	3229+91.09	467.29 RT
F	P.O.T.	3236+06.86	811.95 RT
G	---		
H	P.O.T.	3231+24.11	953.84 RT
I	P.O.T.	3231+48.90	1017.16 RT
J	P.O.T.	3253+27.82	1048.56 RT
K	P.O.T.	3245+37.36	662.51 RT
L	P.O.T.	3235+15.35	868.19 RT
M	P.O.T.	3252+89.53	845.30 RT
N	P.O.T.	3239+12.08	573.33 RT
O	P.O.T.	3241+55.63	447.04 RT
P	P.O.T.	3244+53.80	200.00 RT
Q	P.O.T.	3253+26.27	1048.04 RT
R	P.O.T.	3239+47.98	768.72 RT
S	P.O.T.	3240+15.59	739.79 RT
T	---		
U	P.O.T.	3247+34.45	883.19 RT
V	P.O.T.	3247+64.15	886.97 RT
W	P.O.T.	3231+95.16	1008.35 RT
X	P.O.T.	3232+17.86	1021.62 RT
Y	P.O.T.	3232+22.25	1034.68 RT
Z	P.O.T.	3232+65.04	1027.03 RT
AA	P.O.T.	3232+63.67	1019.40 RT
AB	P.O.T.	3232+79.41	996.27 RT
AC	P.O.T.	3232+11.77	916.69 RT
AD	P.O.T.	3232+32.56	1032.84 RT

NOTE: RIGHT OF WAY PLANS UPDATE 7-30-2010 THE REMAINDER OF PARCEL 13-1100 HAS BEEN DEEDED TO PARCEL 13-1096 IN AN ACQUISITION EXCHANGE SETTLEMENT PER SPECIAL WARRANTY DEED RECORDED 2-25-2010, BK: 4725, PG: 525, YAVAPAI COUNTY

** NOTE: A NEW TCE ALONG THE NORTH LIMITS OF PARCEL 13-1085 WAS ADDED TO THE R/W PLANS SHEET ON 1-6-2011. THE NEW TCE WILL BE ACQUIRED BY ADOT THROUGH A SEPARATE AGREEMENT OUTSIDE OF THE PENDING CONDEMNATION CASE.

* EXISTING 33' EASEMENTS TO BE ACQUIRED BY RESOLUTION WITHIN THE LIMITS OF ACQUISITION AFFECTING THESE PARCELS (See Roadway & PUE table)

ROADWAY & P.U.E. Doc. Ref. Yavapai Co.

1	33' EASEMENT BK 124 PG 532	8	68' EASEMENT BK 4355 PG 889
2	33' EASEMENT BK 128 PG 126	9	33' EASEMENT (Lot 62) BK 126 PG 277 (Lot 61) BK 149 PG 263
3	33' EASEMENT BK 134 PG 298	10	33' EASEMENT BK 4291 PG 264
4	33' EASEMENT BK 949 PG 348	11	33' EASEMENT BK 154 PG 484
5	33' EASEMENT BK 128 PG 193	12	33' EASEMENT BK 145 PG 361
6	33' EASEMENT BK 91 PG 350, BK 95 PG 14, BK 148 PG 280	13	33' EASEMENT BK 108 PG 536
7	33' EASEMENT BK 149 PG 355		

0 50 100
Scale

017rw262_p04.dgn

CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
PM-16-37	10-25-16	TSS	Added Aband Per Doc. 2016-0034893.

DRAWING NO.	D-13-T-465
SURVEY	See attached survey
DRAWN/DATE	B Crume/Sep 07
ADOT REVIEW	MIKE HINEMAN

HUBBARD ENGINEERING Ritoch-Powell & Associates
480-892-3313 602-263-1177

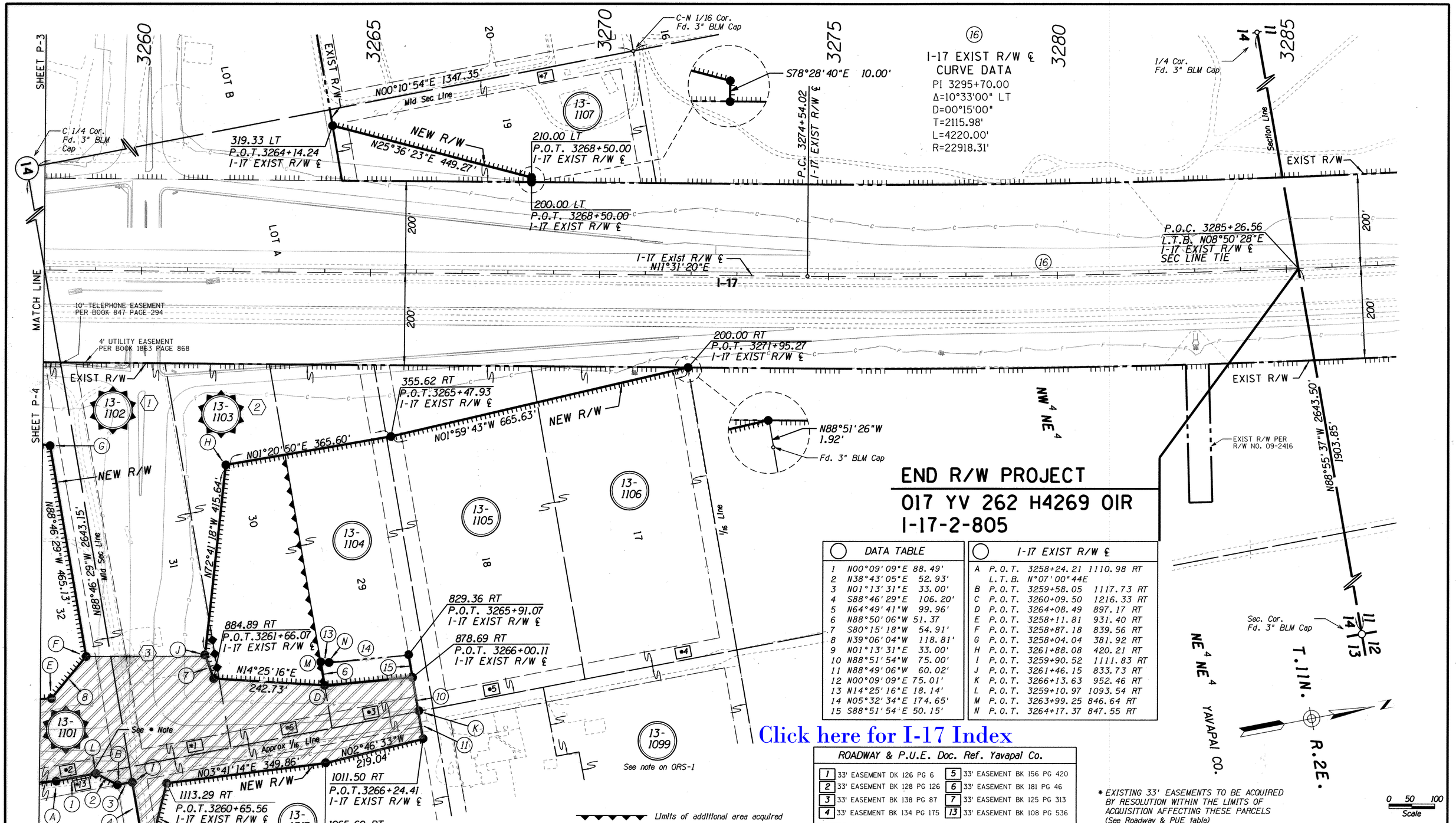
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: PHOENIX-CORDES JUNCTION
FEDERAL AID NO.: I-17-2-805
PROJECT NO.: 017 YV 262 H4269 01R
ROUTE NO.: I-17
LOCATION: Cordes Jct. TI

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
Date: 2012.06.01 10:29:39 -07'00'
(Expires 6-30-14)
ELECTRONIC SEAL
http://www.btr.state.az.us/

SHEET P-4

Click here for I-17 Index



END R/W PROJECT

017 YV 262 H4269 0IR
I-17-2-805

DATA TABLE		
1	N00°09'09"E 88.49'	
2	N38°43'05"E 52.93'	
3	N01°13'31"E 33.00'	
4	S88°46'29"E 106.20'	
5	N64°49'41"W 99.96'	
6	N88°50'06"W 51.37	
7	S80°15'18"W 54.91'	
8	N39°06'04"W 118.81'	
9	N01°13'31"E 33.00'	
10	N88°51'54"W 75.00'	
11	N88°49'06"W 60.02'	
12	N00°09'09"E 75.01'	
13	N14°25'16"E 18.14'	
14	N05°32'34"E 174.65'	
15	S88°51'54"E 50.15'	

I-17 EXIST R/W ℄			
A	P.O.T.	3258+24.21	1110.98 RT
	L.T.B.	N°07'00"44E	
B	P.O.T.	3259+58.05	1117.73 RT
C	P.O.T.	3260+09.50	1216.33 RT
D	P.O.T.	3264+08.49	897.17 RT
E	P.O.T.	3258+11.81	931.40 RT
F	P.O.T.	3258+87.18	839.56 RT
G	P.O.T.	3258+04.04	381.92 RT
H	P.O.T.	3261+88.08	420.21 RT
I	P.O.T.	3259+90.52	1111.83 RT
J	P.O.T.	3261+46.15	833.73 RT
K	P.O.T.	3266+13.63	952.46 RT
L	P.O.T.	3259+10.97	1093.54 RT
M	P.O.T.	3263+99.25	846.64 RT
N	P.O.T.	3264+17.37	847.55 RT

Click here for I-17 Index

ROADWAY & P.U.E. Doc. Ref. Yavapai Co.			
1	33' EASEMENT DK 126 PG 6	5	33' EASEMENT BK 156 PG 420
2	33' EASEMENT BK 128 PG 126	6	33' EASEMENT BK 181 PG 46
3	33' EASEMENT BK 138 PG 87	7	33' EASEMENT BK 125 PG 313
4	33' EASEMENT BK 134 PG 175	13	33' EASEMENT BK 108 PG 536

* EXISTING 33' EASEMENTS TO BE ACQUIRED BY RESOLUTION WITHIN THE LIMITS OF ACQUISITION AFFECTING THESE PARCELS (See Roadway & PUE table)

ABANDONED TO COUNTY OF YAVAPAI, PER RESOLUTION 2016-07-A-038, RECORDED 7/19/2016 DOC. 2016-0034893, Y.C.R

1 ACQUIRED AS A TOTAL AQUISITION 2003
2 ACQUIRED AS A TOTAL AQUISITION 2005
3 EXISTING WELL

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
PM-16-37	10-25-16	TSS	Added Aband. Per Doc. 2016-0034893.

DRAWING NO.	D-13-T-465
SURVEY	See attached survey
DRAWN/DATE	B Crume/Sep 07
ADOT REVIEW	MIKE HINEMAN
HUBBARD Ritoch-Powell ENGINEERING & Associates 480-892-3313 602-263-1177	
ROUTE NO.: I-17	LOCATION: Cordes Jct. TI

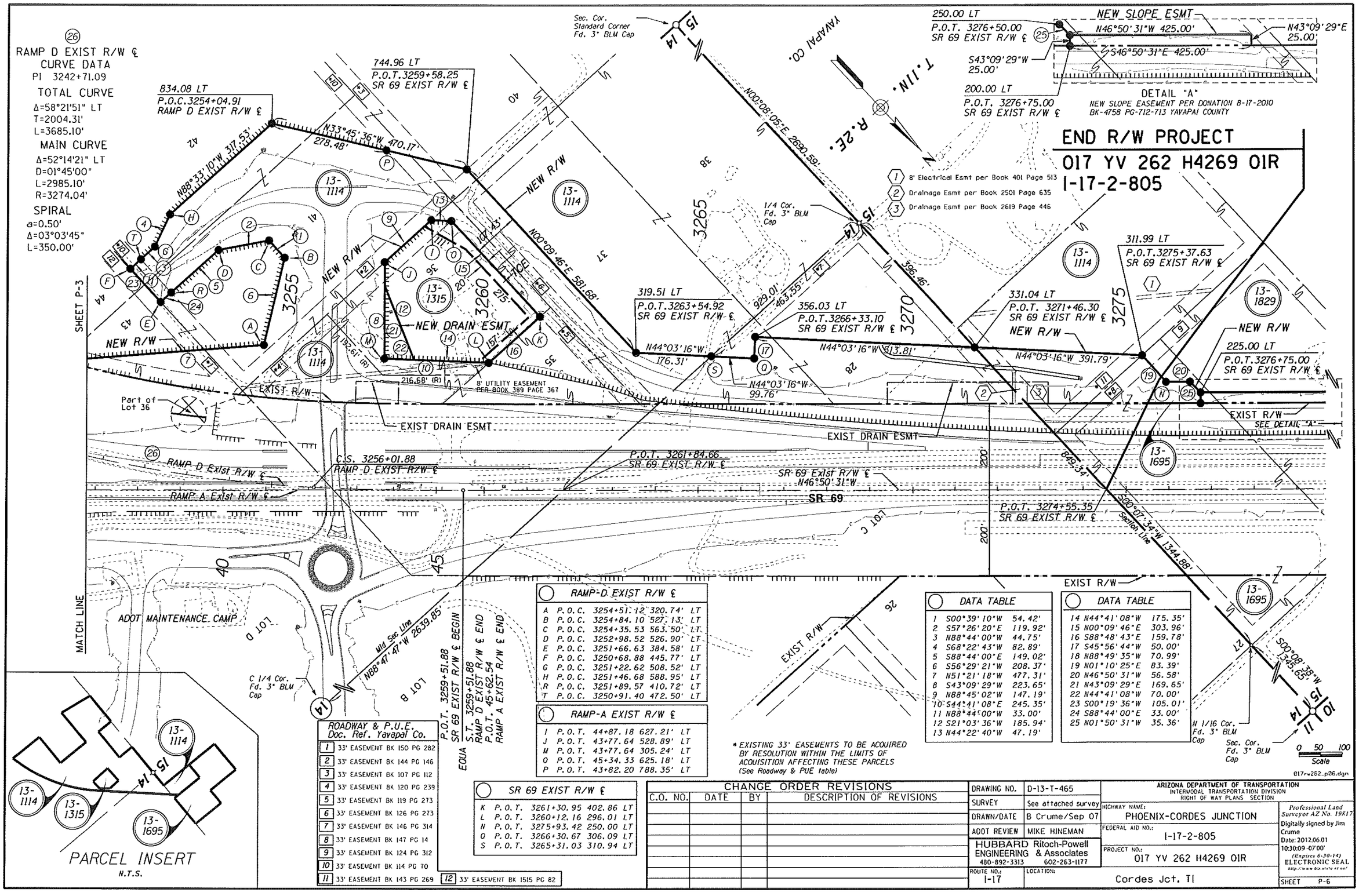
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: PHOENIX-CORDES JUNCTION
FEDERAL AID NO.: I-17-2-805
PROJECT NO.: 017 YV 262 H4269 0IR

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
Date: 2012.06.01 10:29:54 -07'00'
(Expires 6-30-14)
ELECTRONIC SEAL
http://www.btr.state.az.us/

SHEET P-5

Click here for I-17 Index



RAMP-D EXIST R/W ℄			
A	P.O.C.	3254+51.12	320.74' LT
B	P.O.C.	3254+84.10	527.13' LT
C	P.O.C.	3254+35.53	563.50' LT
D	P.O.C.	3252+98.52	526.90' LT
E	P.O.C.	3251+66.63	384.58' LT
F	P.O.C.	3250+68.88	445.77' LT
G	P.O.C.	3251+22.62	508.52' LT
H	P.O.C.	3251+46.68	588.95' LT
R	P.O.C.	3251+89.57	410.72' LT
T	P.O.C.	3250+91.40	472.50' LT

RAMP-A EXIST R/W ℄			
I	P.O.T.	44+87.18	627.21' LT
J	P.O.T.	43+77.64	528.89' LT
M	P.O.T.	43+77.64	305.24' LT
O	P.O.T.	45+34.33	625.18' LT
P	P.O.T.	43+82.20	788.35' LT

SR 69 EXIST R/W ℄			
K	P.O.T.	3261+30.95	402.86' LT
L	P.O.T.	3260+12.16	296.01' LT
N	P.O.T.	3275+93.42	250.00' LT
Q	P.O.T.	3266+30.67	306.09' LT
S	P.O.T.	3265+31.03	310.94' LT

DATA TABLE		
1	S00°39'10"W	54.42'
2	S57°26'20"E	119.92'
3	N88°44'00"W	44.75'
4	S68°22'43"W	82.89'
5	S88°44'00"E	149.02'
6	S56°29'21"W	208.37'
7	N51°21'18"W	477.31'
8	S43°09'29"W	223.65'
9	N88°45'02"W	147.19'
10	S44°41'08"E	245.35'
11	N88°44'00"W	33.00'
12	S21°03'36"W	185.94'
13	N44°22'40"W	47.19'

DATA TABLE		
14	N44°41'08"W	175.35'
15	N00°09'46"E	303.96'
16	S88°48'43"E	159.78'
17	S45°56'44"W	50.00'
18	N88°49'35"W	70.99'
19	N01°10'25"E	83.39'
20	N46°50'31"W	56.58'
21	N43°09'29"E	169.65'
22	N44°41'08"W	70.00'
23	S00°19'36"W	105.01'
24	S88°44'00"E	33.00'
25	N01°50'31"W	35.36'

* EXISTING 33' EASEMENTS TO BE ACQUIRED BY RESOLUTION WITHIN THE LIMITS OF ACQUISITION AFFECTING THESE PARCELS (See Roadway & PUE table)

ROADWAY & P.U.E. Doc. Ref. Yavapai Co.	
1	33' EASEMENT BK 150 PG 282
2	33' EASEMENT BK 144 PG 146
3	33' EASEMENT BK 107 PG 112
4	33' EASEMENT BK 120 PG 239
5	33' EASEMENT BK 119 PG 273
6	33' EASEMENT BK 126 PG 273
7	33' EASEMENT BK 146 PG 314
8	33' EASEMENT BK 147 PG 14
9	33' EASEMENT BK 124 PG 312
10	33' EASEMENT BK 114 PG 70
11	33' EASEMENT BK 143 PG 269
12	33' EASEMENT BK 1515 PG 82

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

DRAWING NO.	D-13-T-465
SURVEY	See attached survey
DRAWN/DATE	B Crume/Sep 07
ADOT REVIEW	MIKE HINEMAN
HUBBARD Ritoch-Powell ENGINEERING & Associates 480-892-3313 602-263-1177	
ROUTE NO.: I-17	LOCATION: Cordes Jct. TI

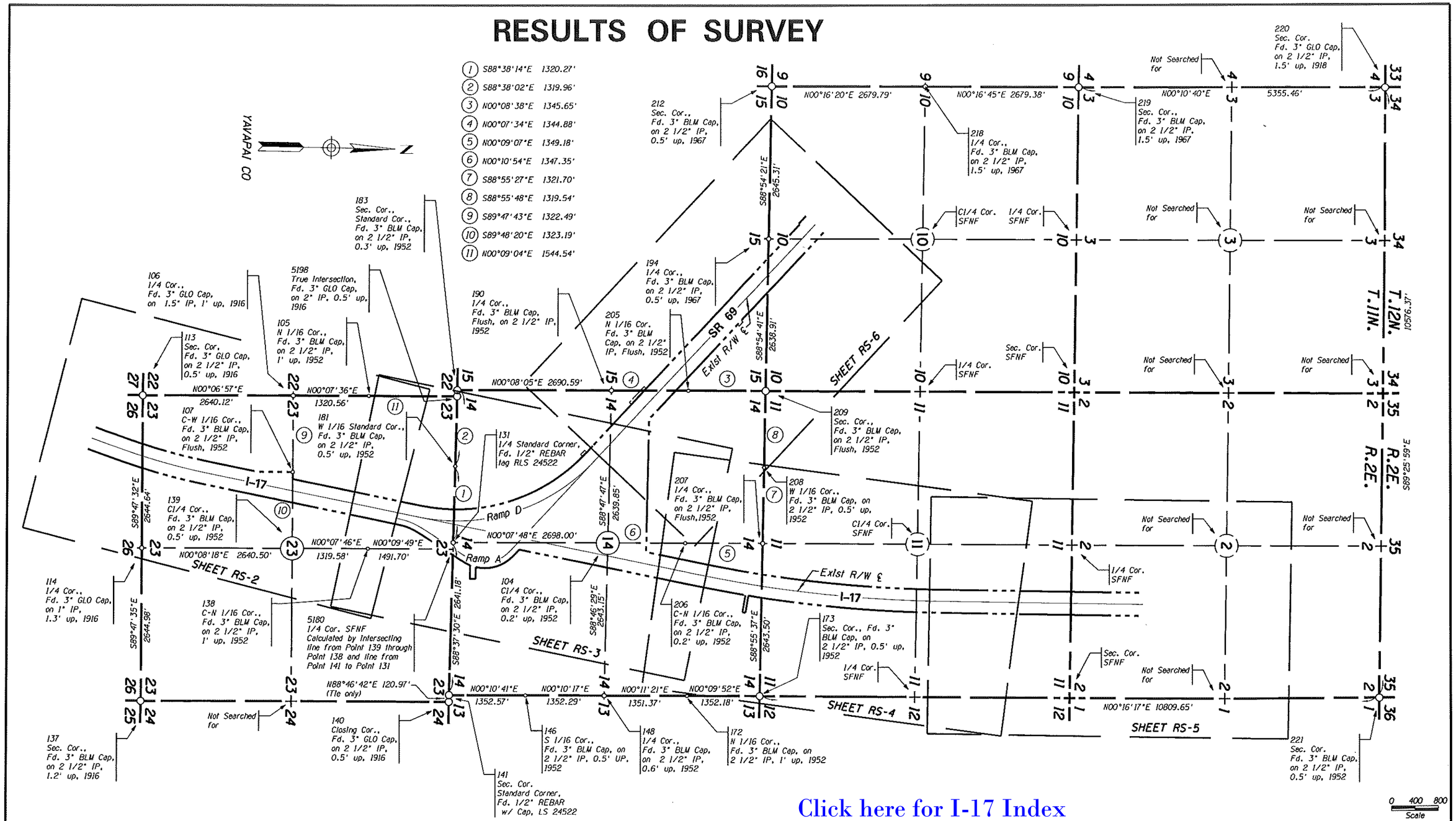
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: PHOENIX-CORDES JUNCTION
FEDERAL AID NO.: I-17-2-805
PROJECT NO.: 017 YV 262 H4269 01R

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
Date: 2012.06.01 10:30:09-07'00'
(Expires 6-30-14)
ELECTRONIC SEAL
http://www.az.state.az.us/

SHEET P-6

RESULTS OF SURVEY



Click here for I-17 Index

NOTE:
DUE TO MONUMENTS NOT BEING FOUND FOR THE COMMON LINE BETWEEN SECTIONS 2 & 11, AND NO MONUMENTS FOUND TO ESTABLISH THE EAST-WEST MID SECTION LINE FOR SECTION 11, THE I-17 CENTERLINE WAS TIED TO MONUMENTS THAT WERE FOUND ON THE TOWNSHIP LINE. IT WAS DECIDED BY ADOT THAT THESE SECTIONS MIGHT BE RESURVEYED AT SOME FUTURE DATE.

LEGEND

302 Set Monument
300 Found Monument
301 Calculated position
Existing ADOT R/W monument
SFNF SEARCHED FOR NOT FOUND

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

DRAWING NO.	D-13-T-465
SURVEY	AUG 2007
DRAWN/DATE	B Crume/Sep 07
ADOT REVIEW	MIKE HINEMAN
HUBBARD ENGINEERING	Ritoch-Powell & Associates
480-892-3313	602-263-1177
ROUTE NO.: I-17	LOCATION: Cordes Jct. TI

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

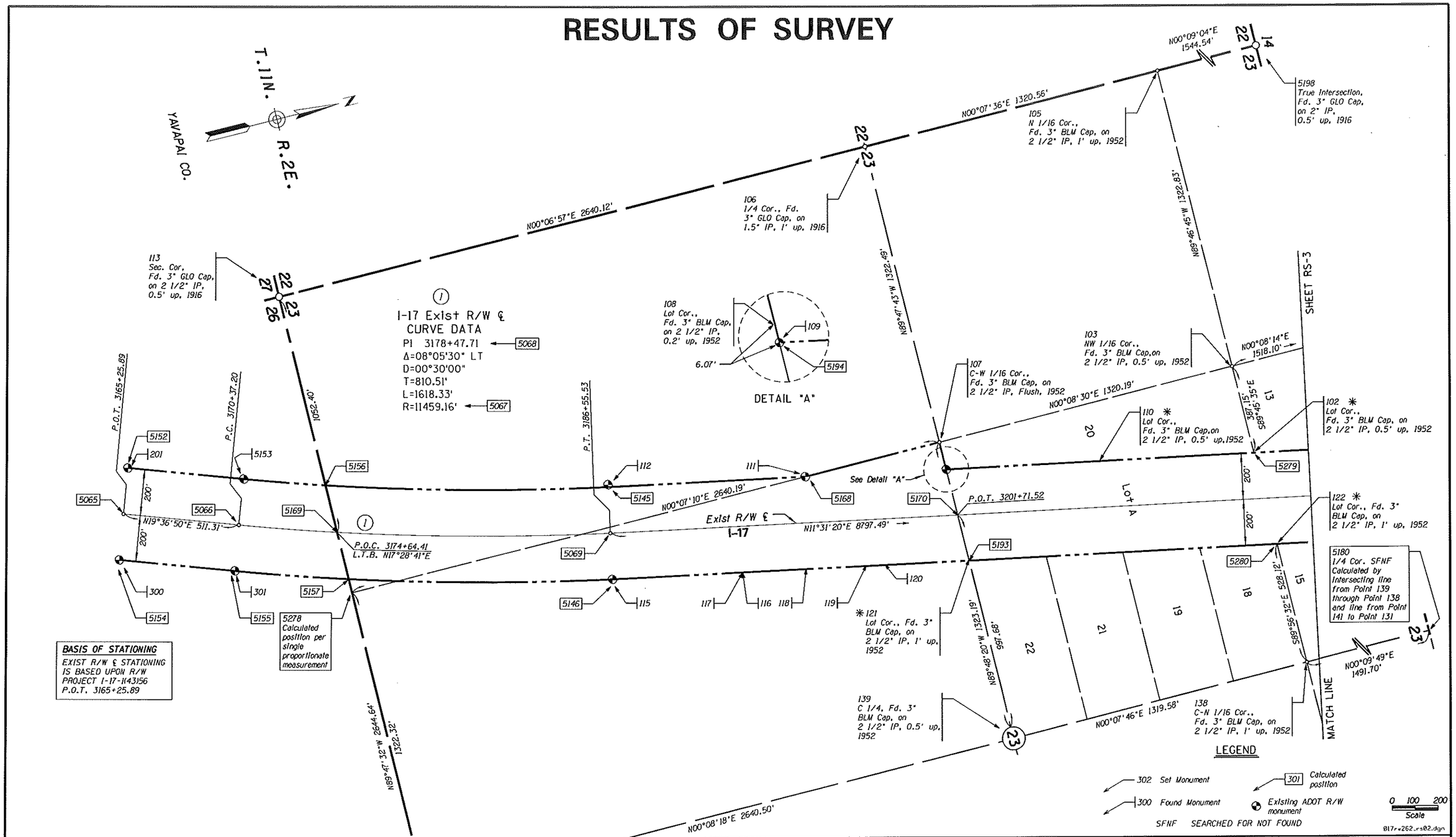
HIGHWAY NAME: PHOENIX-CORDES JUNCTION
FEDERAL AID NO.: I-17-2-805
PROJECT NO.: 017 YV 262 H4269 01R

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
Date: 2012.06.01 10:30:22 -07'00'
(Expires 6-30-14)
ELECTRONIC SEAL
http://www.az.state.az.us/

SHEET RS-1

Click here for I-17 Index

RESULTS OF SURVEY



* NOTE:
The highway R/W is senior to the BLM lots. Therefore, for highway R/W purposes, the BLM lot corner monuments were not considered as controlling monuments, but were considered as closing corner type monuments

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

DRAWING NO.	D-13-T-465
SURVEY	AUG 2007
DRAWN/DATE	B Crume/Sep 07
ADOT REVIEW	MIKE HINEMAN
HUBBARD ENGINEERING	Ritoch-Powell & Associates
480-892-3313	602-263-1177
ROUTE NO.: I-17	LOCATION: Cordes Jct. TI

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

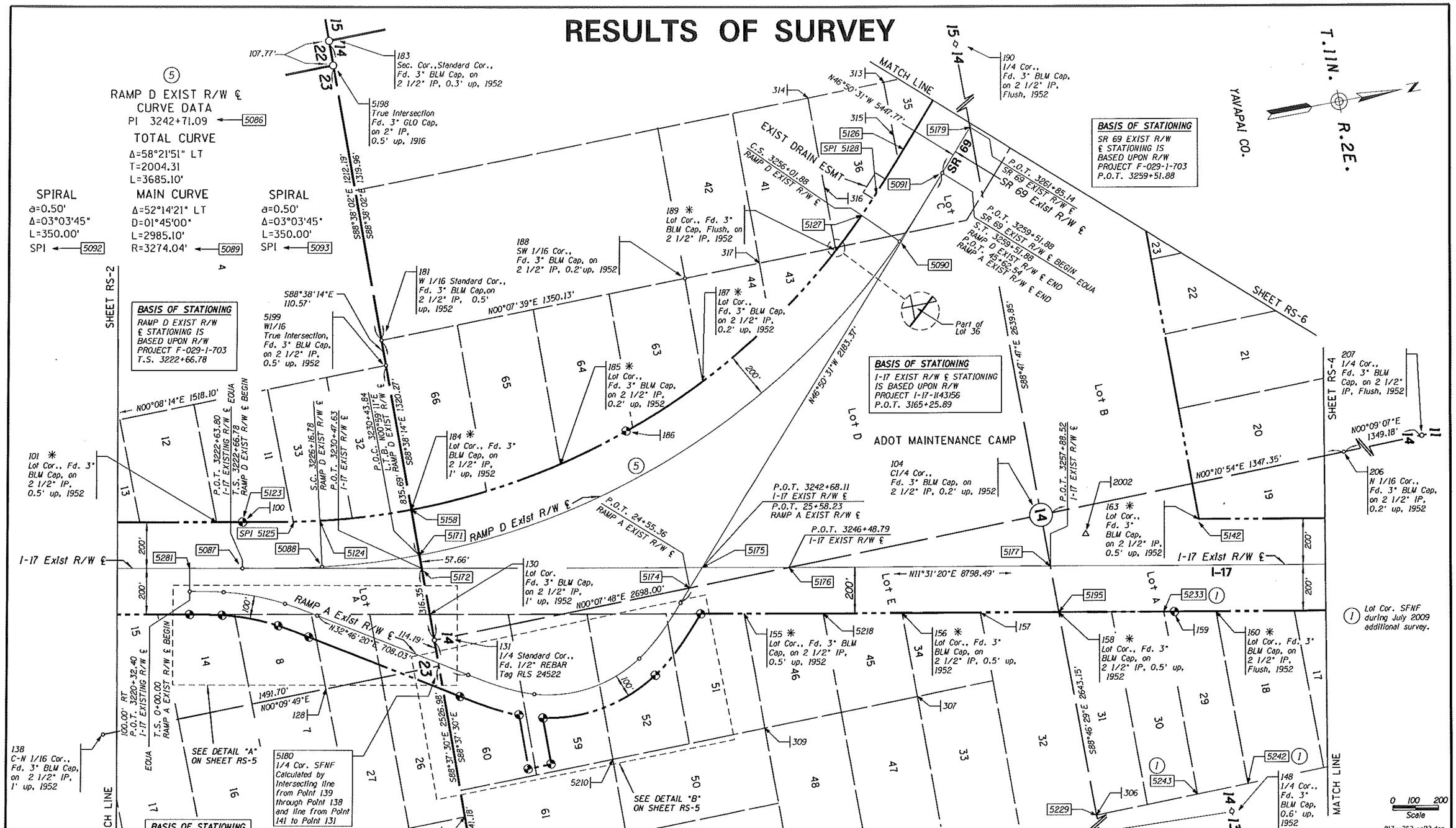
HIGHWAY NAME: PHOENIX-CORDES JUNCTION
FEDERAL AID NO.: I-17-2-805
PROJECT NO.: 017 YV 262 H4269 01R

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
Date: 2012.06.01 10:30:36 -07'00'
(Expires 6-30-14)
ELECTRONIC SEAL
http://www.btr.state.az.us

SHEET RS-2

Click here for I-17 Index

RESULTS OF SURVEY



Lot Cor. SFNF during July 2009 additional survey.

✳ NOTE:
The highway R/W is senior to the BLM lots. Therefore, for highway R/W purposes, the BLM lot corner monuments were not considered as controlling monuments, but were considered as closing corner type monuments

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-13-T-465
SURVEY	AUG 2007
DRAWN/DATE	B Crume/Sep 07
ADOT REVIEW	MIKE HINEMAN
HUBBARD ENGINEERING	Ritoch-Powell & Associates 480-892-3313 602-263-1177
ROUTE NO.:	I-17
LOCATION:	Cordes Jct. TI

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

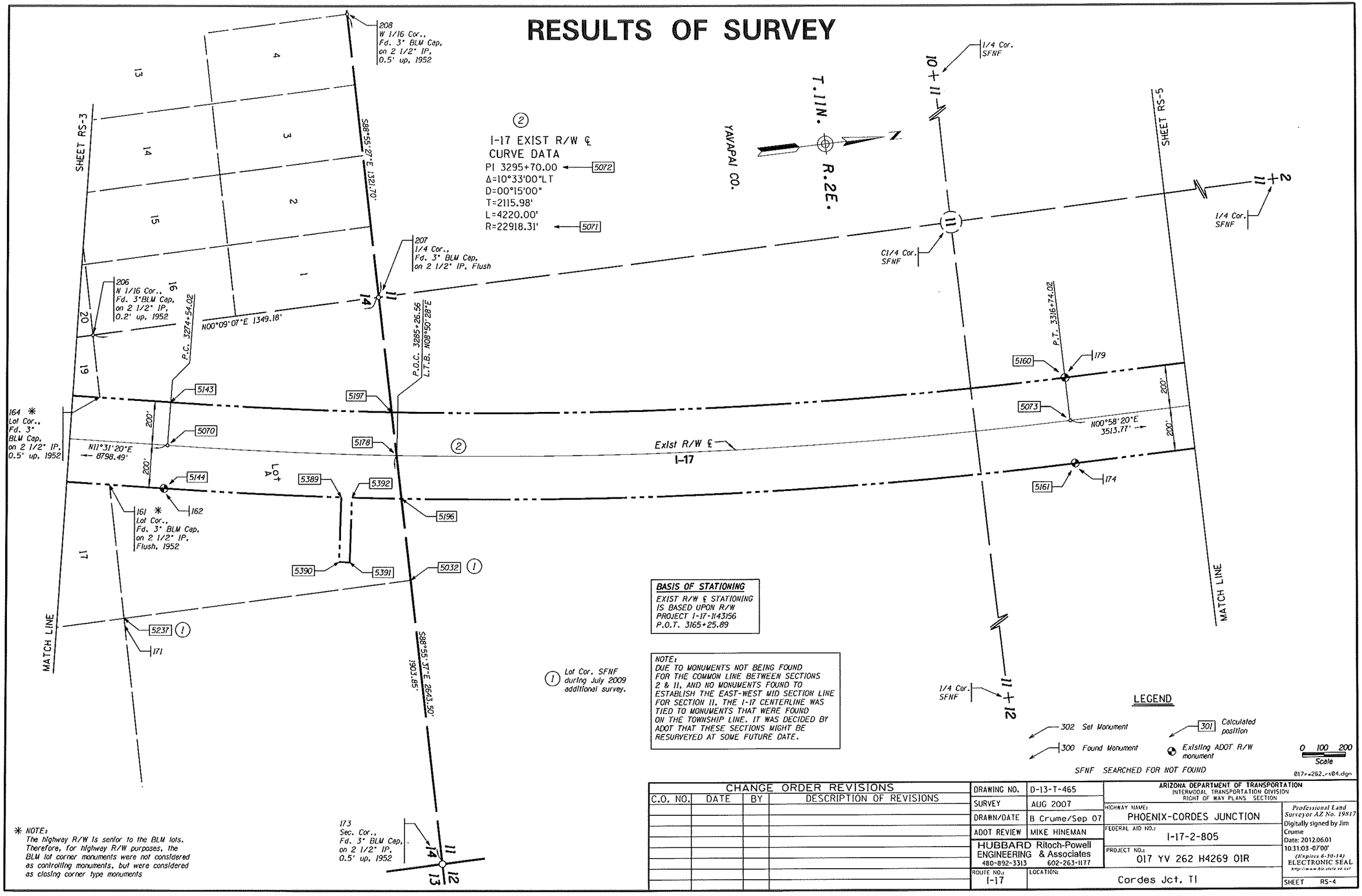
HIGHWAY NAME: PHOENIX-CORDES JUNCTION
FEDERAL AID NO.: I-17-2-805
PROJECT NO.: 017 YV 262 H4269 01R

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
Date: 2012.06.01 10:30:50 -07'00'
(Expires 6-30-14)
ELECTRONIC SEAL
http://www.btr.state.az.us/

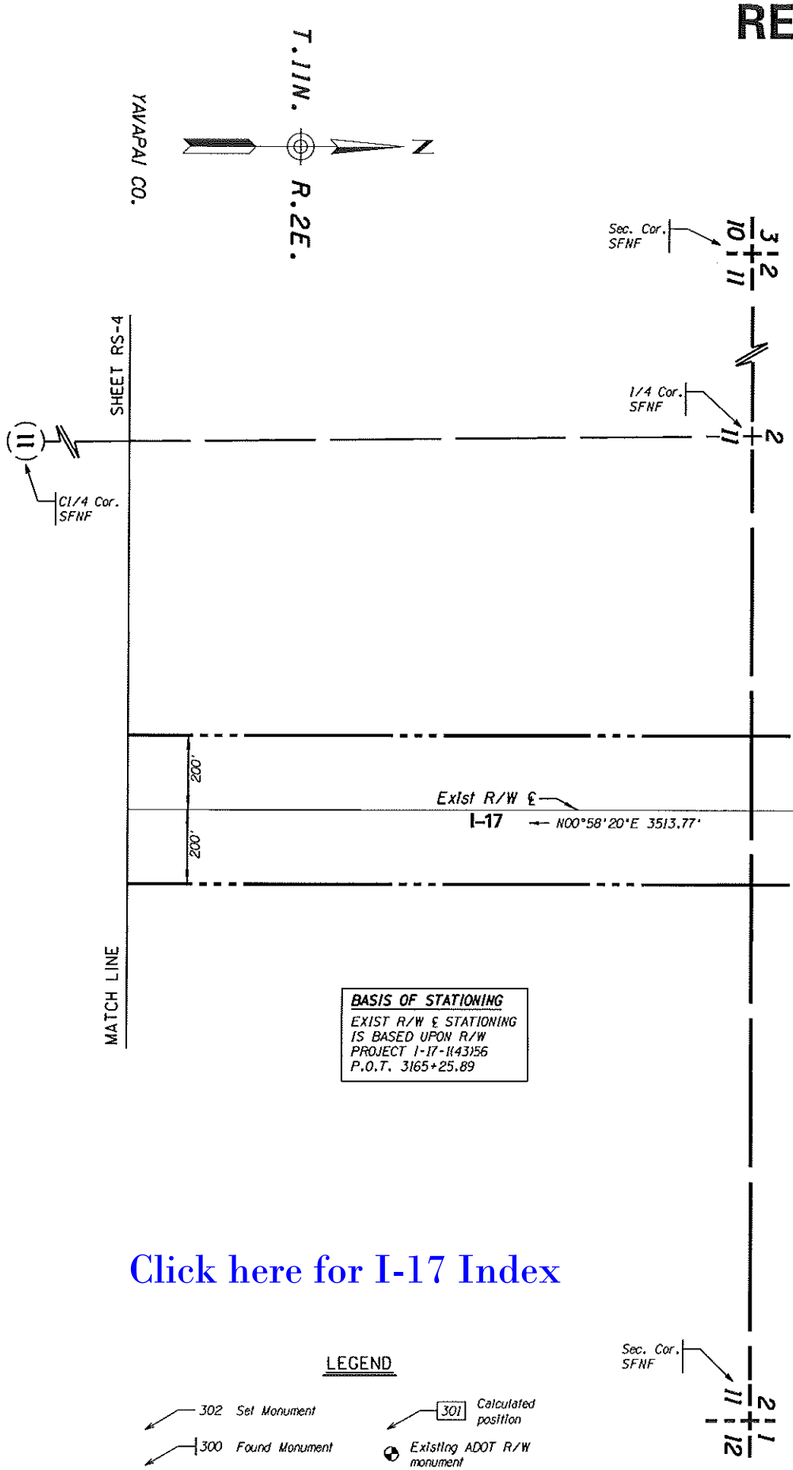
SHEET RS-3

Click here for I-17 Index

RESULTS OF SURVEY



RESULTS OF SURVEY

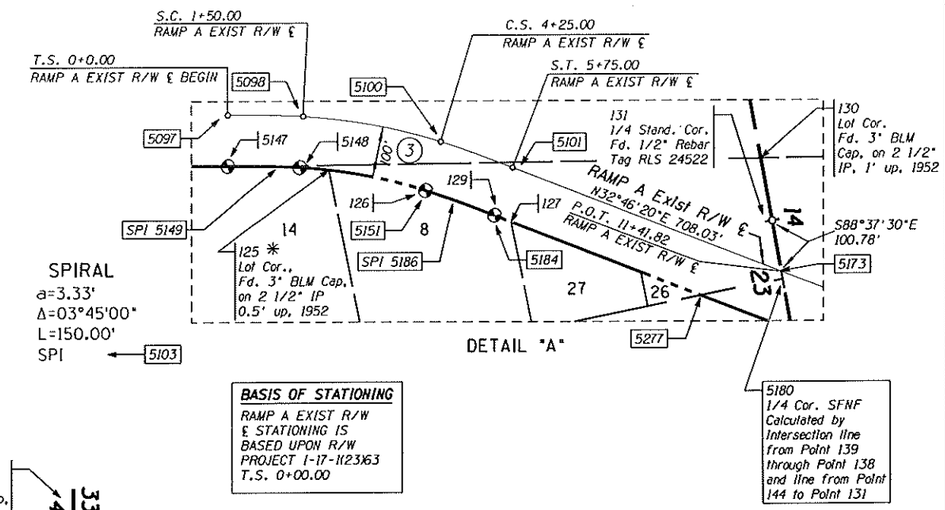


BASIS OF STATIONING
EXIST R/W ℄ STATIONING IS BASED UPON R/W PROJECT I-17-1(43)56 P.O.T. 3165+25.89

(3)
RAMP A EXIST R/W ℄ CURVE DATA
PI 2+91.11 ← 5095
TOTAL CURVE
Δ=21°15'00" RT
T=290.11'
L=575.00'
MAIN CURVE
Δ=13°45'00" RT
D=05°00'00"
L=275.00'
R=1145.92 ← 5099

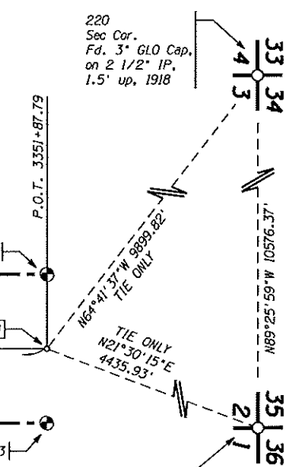
SPIRAL
a=3.33'
Δ=03°45'00"
L=150.00'
SPI ← 5102

SPIRAL
a=3.33'
Δ=03°45'00"
L=150.00'
SPI ← 5103



DETAIL "A"

BASIS OF STATIONING
RAMP A EXIST R/W ℄ STATIONING IS BASED UPON R/W PROJECT I-17-1(23)63 T.S. 0+00.00

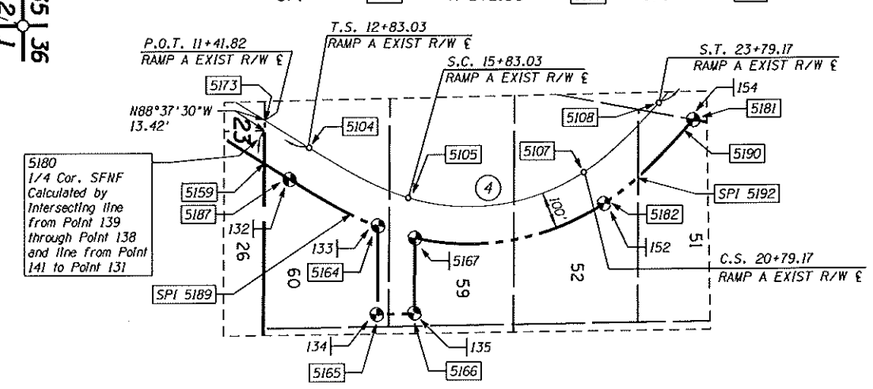


NOTE:
DUE TO MONUMENTS NOT BEING FOUND FOR THE COMMON LINE BETWEEN SECTIONS 2 & 11, AND NO MONUMENTS FOUND TO ESTABLISH THE EAST-WEST MID SECTION LINE FOR SECTION 11, THE I-17 CENTERLINE WAS TIED TO MONUMENTS THAT WERE FOUND ON THE TOWNSHIP LINE. IT WAS DECIDED BY ADOT THAT THESE SECTIONS MIGHT BE RESURVEYED AT SOME FUTURE DATE.

(4)
RAMP A EXIST R/W ℄ CURVE DATA
PI 19+15.63 ← 5096
TOTAL CURVE
Δ=79°36'51" LT
T=632.60'
L=1096.14'
MAIN CURVE
Δ=49°36'51" LT
D=10°00'00"
L=496.14'
R=572.96' ← 5106

SPIRAL
a=3.33'
Δ=15°00'00"
L=300.00'
SPI ← 5109

SPIRAL
a=3.33'
Δ=15°00'00"
L=300.00'
SPI ← 5110



DETAIL "B"

✳ NOTE:
The highway R/W is senior to the BLM lots. Therefore, for highway R/W purposes, the BLM lot corner monuments were not considered as controlling monuments, but were considered as closing corner type monuments

0 100 200
Scale

017rv262_rs05.dgn

Click here for I-17 Index

LEGEND

302 Set Monument
300 Found Monument
301 Calculated position
Existing ADOT R/W monument
SFNF SEARCHED FOR NOT FOUND

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

DRAWING NO.	D-13-T-465
SURVEY	AUG 2007
DRAWN/DATE	B Crume/Sep 07
ADOT REVIEW	MIKE HINEMAN
HUBBARD ENGINEERING 480-892-3313	Ritoch-Powell & Associates 602-263-1177
ROUTE NO.: I-17	LOCATION: Cordes Jct. TI

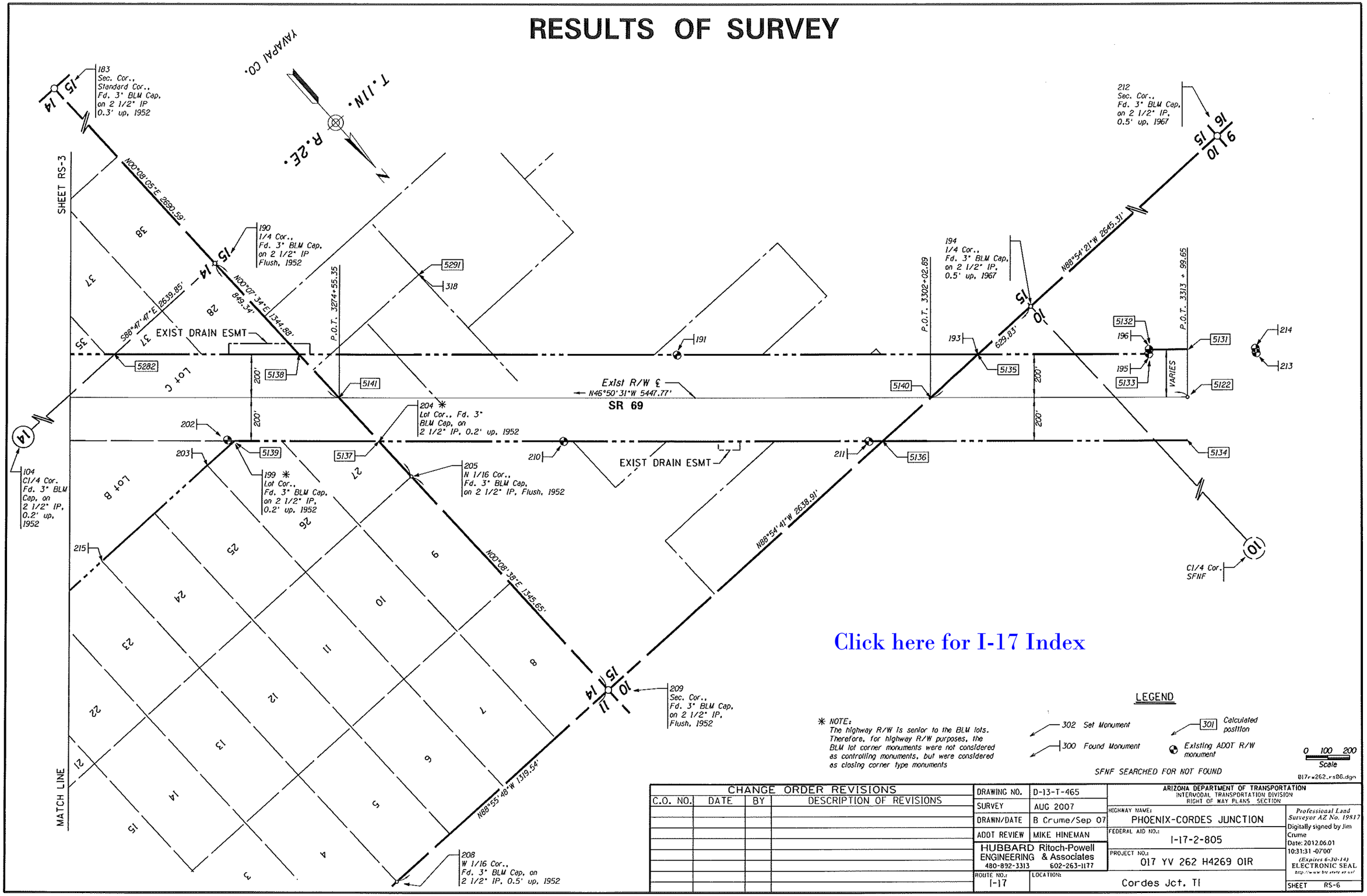
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: PHOENIX-CORDES JUNCTION
FEDERAL AID NO.: I-17-2-805
PROJECT NO.: 017 YV 262 H4269 01R

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
Date: 2012.06.01 10:31:18 -07'00'
(Expires 6-30-14)
ELECTRONIC SEAL
http://www.azleg.state.az.us/

SHEET RS-5

RESULTS OF SURVEY



Click here for I-17 Index

✳ NOTE:
The highway R/W is senior to the BLM lots. Therefore, for highway R/W purposes, the BLM lot corner monuments were not considered as controlling monuments, but were considered as closing corner type monuments

LEGEND

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

SFNF SEARCHED FOR NOT FOUND

0 100 200
Scale

017rw262_rs06.dgn

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

DRAWING NO.	D-13-T-465
SURVEY	AUG 2007
DRAWN/DATE	B Crume/Sep 07
ADOT REVIEW	MIKE HINEMAN
HUBBARD ENGINEERING	Ritoch-Powell & Associates
480-892-3313	602-263-1177
ROUTE NO.: I-17	LOCATION: Cordes Jct. TI

ARIZONA DEPARTMENT OF TRANSPORTATION
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(Expires 6-30-14)
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http://www.bid.state.az.us/

SHEET RS-6

RESULTS OF SURVEY

GENERAL NOTES

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

Cordes Junction NAD 83(1992) 34°20'01.56694"(N) 112°07'13.68534"(W)
Grid Coordinates N 1212901.49000 E 638476.59000
Ground Coordinates (Pt. 2002) N 1213238.96771 E 638654.23973

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

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

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

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 1.00027824 AND SCALE ORIGIN VALUES OF N=0.00, E=0.00, AS DIRECTED BY ADOT P&M JOB NO. 3632 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.

PUBLIC INFORMATION USED IN PREPARATION OF SURVEY

YAVAPAI COUNTY RECORDER'S OFFICE

SEC.	TWP.	RNG.	BOOK	PAGE	DESCRIPTION
14	11N	2E	21	70	Results of Survey
14	11N	2E	24	58	Results of Survey
14	11N	2E	24	59	Results of Survey
23	11N	2E	33	12	Results of Survey

ADOT RIGHT OF WAY PLANS AND AS-BUILTS

PROJECT NO.	DWG NO.	ADOT TRACS NO.	DESCRIPTION	DATE
S-40	---	---	AS-BUILT PLANS	1950
I-17-1(23)63	---	---	AS-BUILT PLANS	1961
I-17-2(22)64	---	---	AS-BUILT PLANS	1961
F-029-1-703	D-13-T-429	69 YV 262 H2369 01R	CORDES JCT-PRESCOTT	1992
I-17-1(43)56	D-13-T-351	---	PHOENIX-CORDES JCT	1961
I-17-2(27)65	D-13-T-346	---	CORDES JCT-FLAGSTAFF	1965
---	D-13-T-304	---	ROCK SPRGS-CORDES JCT	1947
---	C-13-T-338	---	CORDES JCT-FLAGSTAFF	1957
---	C-13-T-338A	---	CORDES JCT-FLAGSTAFF	1957

GLO & BLM PLATS

PLAT NO.	DESCRIPTION	DATE
00413	T.11N., R.2E. Original Township Survey	1874
00410	T.11N., R.2E. Subdivision of Section 14	1954
00411	T.11N., R.2E. Subdivision of Section 23	1954

GLO & BLM FIELD NOTES

BOOK	PAGES
66	12-29
1298	81-86, 97 & 98
R3336	1B & 188
4420	3-5
4871	6, 7 & 11

EXIST R/W LINE

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
5152	3165+25.89	200.00 LT	5154	3165+25.89	200.00 RT
5153	3170+37.20	200.00 LT	5155	3170+37.20	200.00 RT
5067	Radius Pt.	---	5067	Radius Pt.	---
5156	3174+01.07	200.00 LT	5157	3175+25.48	200.00 RT
5067	Radius Pt.	---	5067	Radius Pt.	---
5145	3186+55.53	200.00 LT	5146	3186+55.53	200.00 RT
5168	3195+16.77	200.00 LT	5193	3202+11.59	200.00 RT
107	3201+07.59	319.16 LT	5147	3220+32.40	200.00 RT
5194	3201+31.46	200.00 LT	5181	3242+62.35	200.00 RT
5123	3222+63.80	200.00 LT	5195	3258+24.86	200.00 RT
5142	3264+35.95	200.00 LT	5229	3259+84.51	1078.75 RT
5143	3274+54.02	200.00 LT	5243	3264+25.50	990.23 RT
5071	Radius Pt.	---	5233	3262+81.07	200.00 RT
5197	3284+99.03	200.00 LT	5144	3274+54.02	200.00 RT
5071	Radius Pt.	---	5071	Radius Pt.	---
5160	3316+74.02	200.00 LT	5389	3282+75.00	200.00 RT
5162	3351+87.79	200.00 LT	5390	3282+75.00	500.00 RT
		RAMP D BEGIN	5391	3283+23.93	500.05 RT
**5123	3222+66.78	200.00 LT	5392	3283+24.57	200.00 RT
**5125	SPI	---	5071	Radius Pt.	---
**5124	3226+16.78	200.00 LT	5196	3285+53.60	200.00 RT
**5089	Radius Pt.	---	5071	Radius Pt.	---
**5158	3230+45.24	200.00 LT	5161	3316+74.02	200.00 RT
**5089	Radius Pt.	---	5163	3351+87.79	200.00 RT
**5127	3256+01.88	200.00 LT			
**5128	SPI	---			RAMP A BEGIN
**5126	3259+51.88	200.00 LT	* 5147	0+00.00	100.00 RT
		RAMP D END	* 5149	SPI	---
***5126	3259+51.88	SR 69 BEGIN	* 5148	1+50.00	100.00 RT
***5282	3264+07.62	200.00 LT	* 5099	Radius Pt.	---
***5138	3272+68.64	200.00 LT	* 5151	4+25.00	100.00 RT
***5135	3304+24.47	200.00 LT	* 5186	SPI	---
***5133	3312+18.03	200.00 LT	* 5184	5+75.00	100.00 RT
***5132	3312+18.03	220.00 LT	* 5277	10+10.40	100.00 RT
***5131	3313+99.65	221.13 LT	* 5159	12+02.86	100.00 RT
			* 5187	12+83.03	100.00 RT
			* 5189	SPI	---
			* 5164	15+34.93	100.00 RT
			* 5165	15+89.87	323.55 RT
			* 5166	16+52.82	299.66 RT
			* 5167	16+24.43	100.00 RT
			* 5106	Radius Pt.	---
			* 5182	20+79.18	100.00 RT
			* 5192	SPI	---
			* 5190	23+79.17	100.00 RT
			* 5181	23+84.93	100.00 RT
					RAMP A END
			*5142	38+65.58	1740.79 RT
			***5139	3269+69.19	200.00 RT
			***5137	3276+42.06	200.00 RT
			***5136	3299+81.31	200.00 RT
			***5134	3313+99.65	200.00 RT

ALL STATIONS AND OFFSETS ARE FROM I-17 EXISTING R/W CENTERLINE UNLESS OTHERWISE NOTED.
* STATIONS AND OFFSETS ARE FROM THE RAMP A EXISTING R/W CENTERLINE
** STATIONS AND OFFSETS ARE FROM THE RAMP D EXISTING R/W CENTERLINE
*** STATIONS AND OFFSETS ARE FROM THE S.R. 69 EXISTING R/W CENTERLINE

EXISTING ADOT R/W MONUMENTATION

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
100	1209647.40390	637858.41598	ANGLE IRON, WITNESS POST	3222+64.00	200.35 LT
109	1207557.97597	637432.94003	ADOT AC IN CONC	3201+31.69	199.89 LT
111	1206956.00104	637310.63617	ADOT AC IN CONC	3195+17.42	199.48 LT
112	1206113.55703	637127.83972	ANGLE IRON, WITNESS POST	3186+55.44	210.32 LT
115	1206031.28388	637531.55429	ADOT AC IN CONC	3186+55.47	201.70 RT
* 126	1209712.46611	638330.22510	ADOT AC IN CONC	4+25.00	99.71 RT
* 129	1209834.74080	638405.31547	ADOT AC IN CONC	5+75.05	99.72 RT
* 132	1210429.86459	638788.76872	ANGLE IRON, WITNESS POST	12+83.01	100.00 RT
* 133	1210665.55787	638917.92681	ADOT AC IN CONC	15+34.00	97.96 RT
* 134	1210658.16678	639155.67100	ADOT AC IN CONC	15+88.75	324.40 RT
* 135	1210759.91391	639153.77340	ADOT AC IN CONC	16+52.46	297.88 RT
* 152	1211278.82429	638870.12372	ADOT AC IN CONC	20+79.17	100.13 RT
154	1211525.50760	638649.87799	ADOT AC IN CONC	3242+62.35	200.01 RT
159	1213549.05691	639062.58444	ADOT AC IN CONC	3263+27.55	200.20 RT
162	1214650.79722	639287.30072	ANGLE IRON, WITNESS POST	3274+51.98	200.31 RT
174	1218877.44327	639748.97876	ADOT AC IN CONC	3316+73.02	199.01 RT
179	1218884.26908	639349.82971	ADOT AC IN CONC	3316+73.06	200.19 LT
** 186	1211365.74514	637808.02523	ANGLE IRON, WITNESS POST	3241+09.96	201.07 LT
*** 191	1214899.40645	634614.59346	ANGLE IRON, WITNESS POST	3290+25.66	199.04 LT
*** 195	1216398.22988	633013.88386	ADOT AC IN CONC	3312+18.55	200.61 LT
*** 196	1216384.17645	632998.82134	ADOT AC IN CONC	3312+19.92	221.16 LT
201	1204099.19260	636540.14139	ANGLE IRON, WITNESS POST	3165+25.70	199.71 LT
*** 202	1213770.83844	636401.03337	ANGLE IRON, WITNESS POST	3269+50.55	199.65 RT
*** 210	1214831.67255	635270.22197	ANGLE IRON, WITNESS POST	3285+01.07	200.01 RT
*** 211	1215801.66721	634237.40645	ANGLE IRON, WITNESS POST	3299+17.97	201.13 RT
*** 213	1216739.55442	632645.34041	ANGLE IRON, WITNESS POST	---	---
*** 214	1216722.27583	632634.30483	ADOT AC IN CONC	---	---
300	1203965.46081	636916.53061	ANGLE IRON, WITNESS POST	3165+26.08	199.73 RT
301	1204447.01248	637087.98092	ANGLE IRON, WITNESS POST	3170+37.24	199.59 RT
* 5147	1209340.50613	638204.43540	ADOT AC IN CONC	0+00.00	100.00 RT
* 5148	1209480.40084	638236.07451	ADOT AC IN CONC	1+50.00	100.00 RT
5153	1204581.10939	636711.56481	ADOT AC IN CONC	3170+37.20	200.00 LT
5162	1222398.47976	639409.66677	ADOT AC IN CONC	3351+87.79	200.00 LT
5163	1222391.69183	639809.60917	ADOT AC IN CONC	3351+87.79	200.00 RT
* 5167	1210764.92542	638952.44528	ADOT AC IN CONC	16+24.43	100.00 RT
**** EXISTING BLM MONUMENTS					
102	1208876.75813	637699.17747	BLM 3" CAP - LOT CORNER	3214+77.08	202.44 LT
108	1207557.99696	637426.72017	BLM 3" CAP - LOT CORNER	3201+30.47	205.99 LT
110	1208217.29305	637563.52053	BLM 3" CAP - LOT CORNER	3208+03.80	203.64 LT
121	1207556.46085	637835.21412	BLM 3" CAP - LOT CORNER	3202+10.56	194.58 RT
122	1208873.79484	638111.66658	BLM 3" CAP - LOT CORNER	3215+56.57	202.33 RT
125	1209535.12237	638243.24810	BLM 3" CAP - LOT CORNER		
155	1211713.11015	638687.74484	BLM 3" CAP - LOT CORNER	3244+53.73	199.64 RT
156	1212383.54840	638825.06479	BLM 3" CAP - LOT CORNER	3251+38.09	200.27 RT
158	1213055.78161	638962.85669	BLM 3" CAP - LOT CORNER	3258+24.30	201.01 RT
160	1213727.10943	639099.81788	BLM 3" CAP - LOT CORNER	3265+09.45	201.11 RT
161	1214399.28849	639237.63906	BLM 3" CAP - LOT CORNER	3271+95.62	201.89 RT
163	1213735.20767	638692.25950	BLM 3" CAP - LOT CORNER	3264+35.98	199.85 LT
164	1214407.54259	638827.59175	BLM 3" CAP - LOT CORNER	3271+21.80	201.54 LT
** 184	1210381.11079	637954.10534	BLM 3" CAP - LOT CORNER	3230+44.99	199.55 LT
** 185	1211056.44783	637891.32762	BLM 3" CAP - LOT CORNER	3237+68.66	198.89 LT
** 187	1211735.61636	637664.73563	BLM 3" CAP - LOT CORNER	3245+32.77	199.73 LT
** 189	1212419.61177	637233.68749	BLM 3" CAP - LOT CORNER	3253+95.46	194.04 LT
*** 199	1213783.83558	636387.93592	BLM 3" CAP - LOT CORNER	3269+69.00	200.18 RT
*** 204	1214244.33803	635896.87373	BLM 3" CAP - LOT CORNER	3276+42.20	200.20 RT

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** STATIONS AND OFFSETS ARE FROM THE RAMP D EXISTING R/W CENTERLINE
*** STATIONS AND OFFSETS ARE FROM THE S.R. 69 EXISTING R/W CENTERLINE
**** POINTS NOT CONSIDERED IN R/W ANALYSIS BUT STATION & OFFSET LISTED FOR REFERENCE ONLY.

Click here for I-17 Index

017-262_rs07.dgn

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

DRAWING NO.	D-13-T-465
SURVEY	AUG 2007
DRAWN/DATE	B Crume/Sep 07
ADOT REVIEW	MIKE HINEMAN
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SHEET RS-7

RESULTS OF SURVEY

SECTION AND LOT CORNERS		
PT.	NORTHING	EASTING
101	1209536.58020	637835.76869
102	1208876.75813	637699.17747
103	1208878.37181	637314.51962
104	1213065.69468	638533.63493
105	1208883.46758	635991.69792
106	1207562.90991	635988.77724
107	1207558.18510	637311.25593
108	1207557.99696	637426.72017
110	1208217.29305	637563.52053
113	1204922.79292	635983.43809
114	1204913.20372	638628.06187
121	1207556.46085	637835.21412
122	1208873.79484	638111.66658
125	1209535.12237	638243.24810
130	1210370.56905	638414.20485
131	1210367.69953	638527.51397
137	1204903.64413	641273.02829
138	1208873.26486	638637.41641
139	1207553.69191	638634.43350
140	1210306.90165	641288.87347
141	1210304.32263	641167.93248
146	1211656.88630	641172.13703
148	1213009.16998	641176.18378
155	1211713.11015	638687.74484
156	1212383.54840	638825.06479
158	1213055.78161	638962.85669
160	1213727.10943	639099.81788
161	1214399.28849	639237.63906
163	1213735.20767	638692.25950
164	1214407.54259	638827.59175
172	1214360.53096	641180.64234
173	1215712.70799	641184.52651
181	1210399.10058	637207.62030
183	1210430.57001	635888.03497
184	1210381.11079	637954.10534
185	1211056.44783	637891.32762
187	1211735.61636	637664.73563
188	1211749.22919	637210.62686
189	1212419.61177	637233.68749
190	1213121.15151	635894.36455
194	1215861.80789	633262.27262
199	1213783.83558	636387.93592
204	1214244.33803	635896.87373
205	1214466.02720	635897.32584
206	1214413.03450	638537.90556
207	1215762.21469	638541.48556
208	1215787.03132	637220.01614
209	1215811.67142	635900.70384
212	1215912.32276	630617.44806
218	1218592.08222	630630.18501
219	1221271.43408	630643.24476
220	1226626.87163	630659.86149
221	1226522.23570	641235.71108
5032	1215737.46134	639863.00603
5065	1204032.33155	636728.32235
5066	1204513.97300	636899.95989
5067	1208360.60622	626105.71324

CALCULATED POINTS		
PT.	NORTHING	EASTING
5068	1205277.45774	637172.03499
5069	1206071.63788	637333.93535
5070	1214692.81081	639091.43460
5071	1219270.74549	616635.00017
5072	1216766.14885	639514.10215
5073	1218881.82584	639550.00998
5074	1222395.08580	639609.63797
5086	1211571.11017	638455.04944
5087	1209607.19133	638054.68792
5088	1209951.28497	638118.47130
5089	1210432.95013	634880.05096
5090	1212698.20458	637243.94386
5091	1212942.08932	636992.96780
5092	1209835.85360	638101.30266
5093	1212782.46399	637163.20034
5095	1209644.74701	638164.40073
5096	1211015.92429	639047.12780
5097	1209360.48114	638106.45072
5098	1209506.74159	638139.60605
5099	1209204.89886	639245.05324
5100	1209760.84075	638243.02969
5101	1209888.68175	638321.43935
5102	1209458.48596	638126.42983
5103	1209804.58167	638267.29799
5104	1210484.01622	638704.69969
5105	1210748.64576	638844.05983
5106	1210923.53295	638298.44539
5107	1211225.81943	638785.17658
5108	1211448.63232	638585.66603
5109	1210652.73811	638813.31830
5110	1211311.37680	638732.04227
5122	1216668.44226	633018.99618
5123	1209647.14135	637858.71855
5124	1209980.70822	637920.64746
5125	1209868.81993	637903.90960
5126	1212796.19571	636856.16483
5127	1212559.82806	637099.54185
5128	1212641.44557	637021.19821
5131	1216507.13712	632867.74199
5132	1216383.73156	633000.99566
5133	1216398.32092	633014.67595
5134	1216814.33588	633155.79915
5135	1215855.51275	633593.55409
5136	1215844.17064	634190.43252
5137	1214244.09230	635896.83716
5138	1213696.87738	635895.63224
5139	1213783.84115	636387.67231
5140	1215849.84170	633891.99331
5141	1213970.48484	635896.23470
5142	1213735.21090	638692.10621
5143	1214732.76083	638895.46522
5144	1214652.86079	639287.40397
5145	1206111.58790	637137.96598
5146	1206031.68786	637529.90473
5149	1209434.23459	638223.54275
5151	1209712.32567	638330.47274

CALCULATED POINTS		
PT.	NORTHING	EASTING
5152	1204099.46795	636539.92727
5154	1203965.19516	636916.71742
5155	1204446.83661	637088.35497
5156	1204919.73709	636826.21246
5157	1204918.21823	637245.10177
5158	1210381.35180	637953.66242
5159	1210362.47013	638745.38198
5160	1218885.21981	639350.03878
5161	1218878.43188	639749.98118
5164	1210665.65229	638920.54039
5165	1210660.09613	639155.37817
5166	1210760.11829	639155.62468
5168	1206955.47248	637309.99901
5169	1204918.97702	637035.83384
5170	1207557.07978	637636.75529
5171	1210376.59492	638153.61045
5172	1210375.22345	638211.25778
5173	1210365.28133	638628.26136
5174	1211500.75053	638530.08453
5175	1211571.11017	638455.04944
5176	1211944.11875	638531.09040
5177	1213060.87939	638758.75153
5178	1215748.36269	639281.00981
5179	1213101.64281	636822.81188
5180	1210364.95935	638641.67602
5181	1211525.51665	638649.86834
5182	1211278.57636	638870.12396
5184	1209834.55150	638405.52215
5186	1209754.12107	638353.74320
5187	1210429.88598	638788.78248
5189	1210613.41530	638906.93373
5190	1211521.57913	638654.06752
5192	1211372.27775	638813.29007
5193	1207556.38714	637840.72761
5194	1207557.77242	637432.78296
5195	1213056.53231	638961.97887
5196	1215744.58277	639482.81043
5197	1215752.14323	639079.17641
5198	1210428.00075	635995.76999
5199	1210396.47088	637318.15550
5229	1213037.43233	639854.90935
5233	1213503.55161	639053.10754
5237	1214386.89494	639858.95604
5242	1213712.11069	639856.93254
5243	1213487.21790	639856.25814
5277	1210200.65047	638641.20683
5278	1204917.99832	637305.74998
5279	1208876.74768	637701.66726
5280	1208873.79724	638109.29284
5281	1209380.45615	638008.46603
5282	1213107.92741	636523.71834
5389	1215467.10452	639438.25811
5390	1215417.74570	639734.16976
5391	1215467.06431	639742.39623
5392	1215516.43202	639446.43124
5291	1213807.10028	635236.36180

MISCELLANEOUS MONUMENTATION			
PT.	NORTHING	EASTING	DESCRIPTION
128	1209863.52719	638640.24415	1/2" REBAR NO TAG
145	1210349.07466	639303.36783	1/2" REBAR NO TAG
171	1214385.47787	639892.42348	1/2" REBAR W/CAP LS 24522
203	1213779.73063	636556.11396	1/2" REBAR NO TAG
215	1213766.19327	637216.57748	1/2" REBAR NO TAG
306	1213037.13298	639855.20064	1/2" REBAR NO TAG
307	1212376.52925	639192.16146	1/2" REBAR NO TAG
309	1211701.86766	639190.64822	1/2" REBAR LS 29253
313	1212771.38513	636553.77917	PK NAIL NO TAG
314	1212434.45620	636552.82204	1" REBAR NO TAG
315	1212766.48580	636790.00115	1/2" REBAR CAP UNREADABLE
316	1212425.83815	636947.97742	1/2" REBAR LS 13011
317	1212083.51810	637212.53319	1" IP NO TAG
318	1213808.14007	635235.94431	1/2" REBAR NO TAG
5210	1211026.78881	639189.28200	1/2" REBAR LS 24522

MISCELLANEOUS R/W MONUMENTATION					
PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
116	1206590.25860	637643.83754	1/2" REBAR NO TAG	3192+25.60	200.06 RT
117	1206590.26823	637643.84839	1/2" REBAR NO TAG	3192+25.61	200.07 RT
118	1206860.47557	637697.40564	1/2" REBAR W/CAP LS 15336	3195+01.07	198.57 RT
119	1207117.56153	637747.95983	1/2" REBAR W/CAP LS 24522	3197+63.08	196.76 RT
120	1207197.22088	637764.02519	1/2" REBAR W/CAP LS 15336	3198+44.34	196.59 RT
*127	1209864.15983	638424.00692	1/2" REBAR NO TAG	6+09.90	99.52 RT
157	1212719.58465	638893.93499	1/2" REBAR NO TAG	3254+81.11	200.63 RT
**193	1215854.85724	633593.52346	1/2" REBAR W/CAP LS 24522	3304+24.04	200.50 LT
5218	1212048.26987	638756.43602	1/2" REBAR W/CAP LS 24522	3247+95.86	200.00 RT

ALL STATIONS AND OFFSETS ARE FROM I-17 EXISTING R/W CENTERLINE UNLESS OTHERWISE NOTED.
* STATIONS AND OFFSETS ARE FROM RAMP A EXISTING R/W CENTERLINE
** STATIONS AND OFFSETS ARE FROM S.R. 69 EXISTING R/W CENTERLINE

Click here for I-17 Index

017rw262_rs08.dgn

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

DRAWING NO.	D-13-T-465
SURVEY	AUG 2007
DRAWN/DATE	B Crume/Sep 07
ADOT REVIEW	MIKE HINEMAN
HUBBARD ENGINEERING	Ritoch-Powell & Associates 480-892-3313 602-263-1177
ROUTE NO.:	I-17
LOCATION:	Cordes Jct. TI

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

HIGHWAY NAME: PHOENIX-CORDES JUNCTION
FEDERAL AID NO.: I-17-2-805
PROJECT NO.: 017 YV 262 H4269 01R

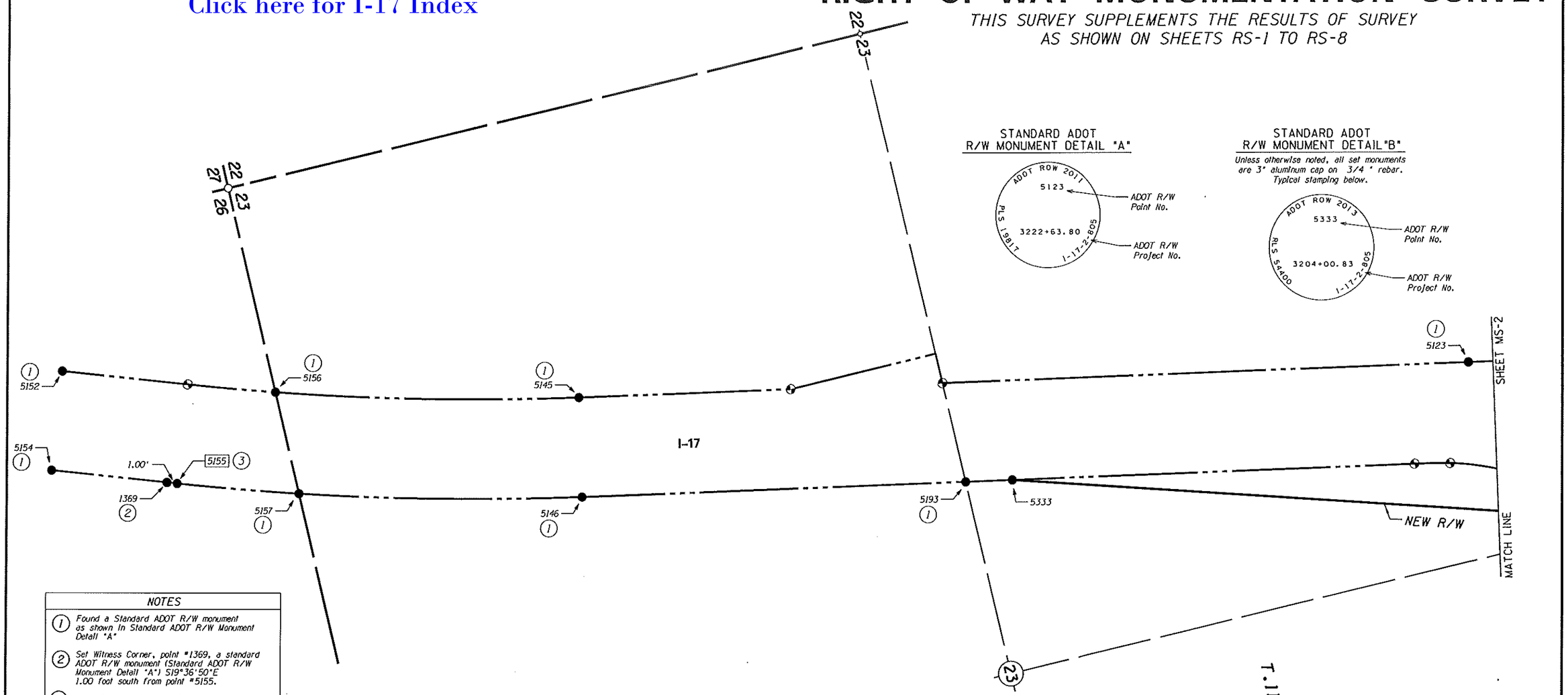
Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
Date: 2012.06.01 10:31:59 -07'00'
(Expires 6-30-14)
ELECTRONIC SEAL
http://www.azsls.state.az.us/

SHEET RS-8

Click here for I-17 Index

RIGHT OF WAY MONUMENTATION SURVEY

THIS SURVEY SUPPLEMENTS THE RESULTS OF SURVEY AS SHOWN ON SHEETS RS-1 TO RS-8



NOTES

1. Found a Standard ADOT R/W monument as shown in Standard ADOT R/W Monument Detail "A"
2. Set Witness Corner, point #1369, a standard ADOT R/W monument (Standard ADOT R/W Monument Detail "A") S19°36'50"E 1.00 foot south from point #5155.
3. Not set due to fence obstruction.

LEGEND

- 302 Set Monument
- 300 Found Monument
- ADOT R/W monument set in 2011 or 2013
- 301 Calculated position
- Existing ADOT R/W monument

0 100 200
Scale

017rw262_rs89.dgn

MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1369	1204445.89464	637088.01929	See note 2	---	---
5123	1209647.14135	637858.71855	See note 1	3222+63.80	200.00 LT
5145	1206111.58790	637137.96598	See note 1	3186+55.53	200.00 LT
5146	1206031.68786	637529.90473	See note 1	3186+55.53	200.00 RT
5152	1204099.46795	636539.92727	See note 1	3165+25.89	200.00 LT
5154	1203965.19516	636916.71742	See note 1	3165+25.89	200.00 RT
5155	1204446.83661	637088.35497	See note 3	3170+37.20	200.00 RT
5156	1204919.73709	636826.21246	See note 1	3174+01.07	200.00 LT
5157	1204918.21823	637245.10177	See note 1	3175+25.48	200.00 RT
5193	1207556.38714	637840.72761	See note 1	3202+11.59	200.00 RT
5333	1207741.81310	637878.52827	Set standard monument	3204+00.83	200.00 RT

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

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

DRAWING NO.	D-13-T-465
SURVEY	JULY 2013
DRAWN/DATE	J. HAWS/JUL 13
ADOT REVIEW	MIKE HINEMAN
HUBBARD ENGINEERING 480-892-3313 Mesa, AZ jhaws@hubbardengineering.com Job # 27030	
ROUTE NO.: I-17	LOCATION: Cordes Jct. TI

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

HIGHWAY NAME: PHOENIX-CORDES JUNCTION
FEDERAL AID NO.: I-17-2-805
PROJECT NO.: 017 YV 262 H4269 01R

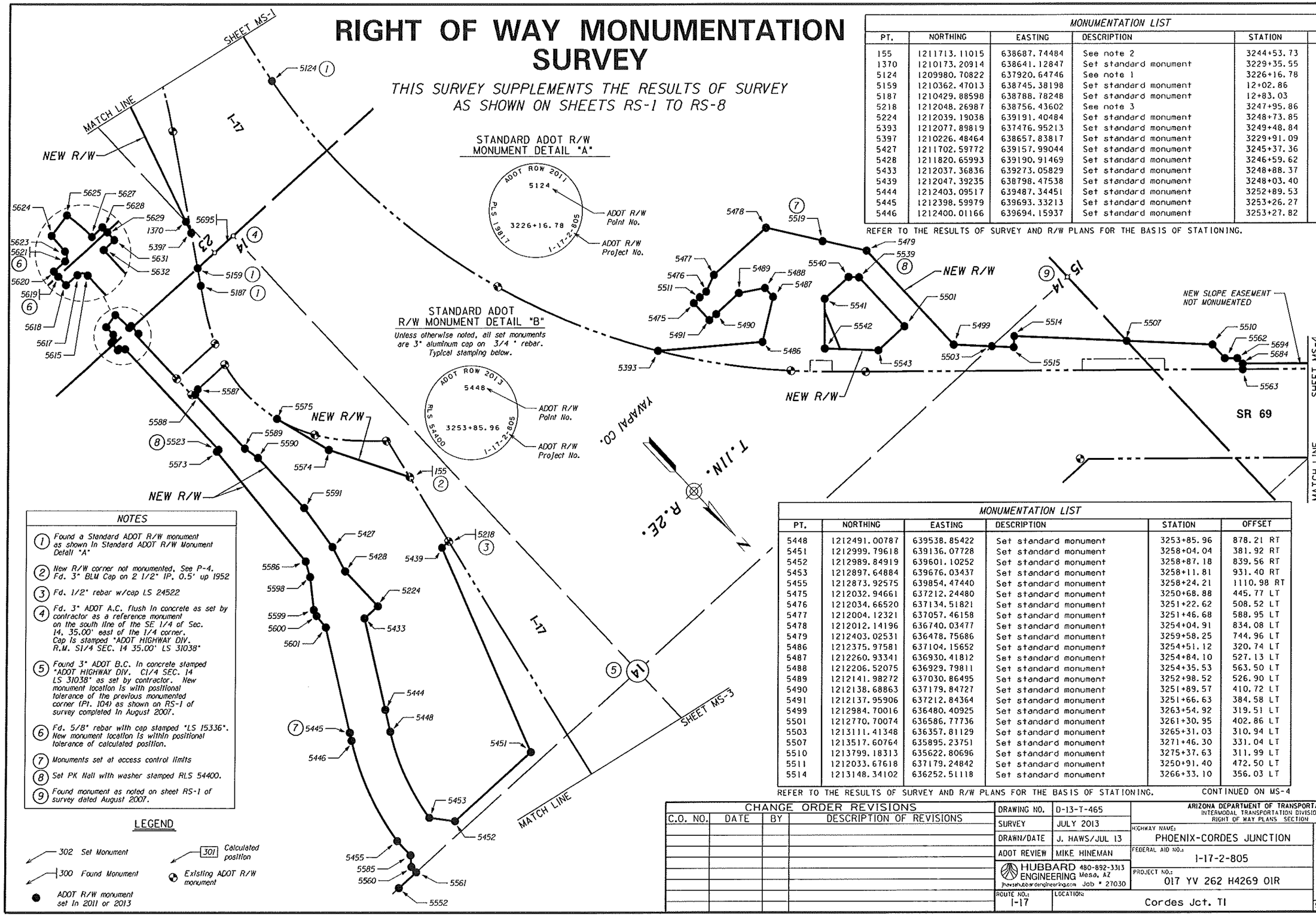
Professional Land Surveyor AZ No. 54400
Digitally signed by Jeremy K. Haws
Date: 2013.08.27 14:00:39 -07'00'
(Expires 3-31-16)
ELECTRONIC SEAL
http://www.ev.state.az.us/

SHEET MS-1

Click here for I-17 Index

RIGHT OF WAY MONUMENTATION SURVEY

THIS SURVEY SUPPLEMENTS THE RESULTS OF SURVEY AS SHOWN ON SHEETS RS-1 TO RS-8



MONUMENTATION LIST					
PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
155	1211713.11015	638687.74484	See note 2	3244+53.73	199.64 RT
1370	1210173.20914	638641.12847	Set standard monument	3229+35.55	461.56 RT
5124	1209980.70822	637920.64746	See note 1	3226+16.78	200.00 LT
5159	1210362.47013	638745.38198	Set standard monument	12+02.86	100.00 RT
5187	1210429.88598	638788.78248	Set standard monument	12+83.03	100.00 RT
5218	1212048.26987	638756.43602	See note 3	3247+95.86	200.00 RT
5224	1212039.19038	639191.40484	Set standard monument	3248+73.85	628.02 RT
5393	1212077.89819	637476.95213	Set standard monument	3249+48.84	200.00 LT
5397	1210226.48464	638657.83817	Set standard monument	3229+91.09	467.29 RT
5427	1211702.59772	639157.99044	Set standard monument	3245+37.36	662.51 RT
5428	1211820.65993	639190.91469	Set standard monument	3246+59.62	671.19 RT
5433	1212037.36836	639273.05829	Set standard monument	3248+88.37	708.39 RT
5439	1212047.39235	638798.47538	Set standard monument	3248+03.40	241.37 RT
5444	1212403.09517	639487.34451	Set standard monument	3252+89.53	845.30 RT
5445	1212398.59979	639693.33213	Set standard monument	3253+26.27	1048.04 RT
5446	1212400.01166	639694.15937	Set standard monument	3253+27.82	1048.56 RT

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

MONUMENTATION LIST					
PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
5448	1212491.00787	639538.85422	Set standard monument	3253+85.96	878.21 RT
5451	1212999.79618	639136.07728	Set standard monument	3258+04.04	381.92 RT
5452	1212989.84919	639601.10252	Set standard monument	3258+87.18	839.56 RT
5453	1212897.64884	639676.03437	Set standard monument	3258+11.81	931.40 RT
5455	1212873.92575	639854.47440	Set standard monument	3258+24.21	1110.98 RT
5475	1212032.94661	637212.24480	Set standard monument	3250+68.88	445.77 LT
5476	1212034.66520	637134.51821	Set standard monument	3251+22.62	508.52 LT
5477	1212004.12321	637057.46158	Set standard monument	3251+46.68	588.95 LT
5478	1212012.14196	636740.03477	Set standard monument	3254+04.91	834.08 LT
5479	1212403.02531	636478.75686	Set standard monument	3259+58.25	744.96 LT
5486	1212375.97581	637104.15652	Set standard monument	3254+51.12	320.74 LT
5487	1212260.93341	636930.41812	Set standard monument	3254+84.10	527.13 LT
5488	1212206.52075	636929.79811	Set standard monument	3254+35.53	563.50 LT
5489	1212141.98272	637030.86495	Set standard monument	3252+98.52	526.90 LT
5490	1212138.68863	637179.84727	Set standard monument	3251+89.57	410.72 LT
5491	1212137.95906	637212.84364	Set standard monument	3251+66.63	384.58 LT
5499	1212984.70016	636480.40925	Set standard monument	3263+54.92	319.51 LT
5501	1212770.70074	636586.77736	Set standard monument	3261+30.95	402.86 LT
5503	1213111.41348	636357.81129	Set standard monument	3265+31.03	310.94 LT
5507	1213517.60764	635895.23751	Set standard monument	3271+46.30	331.04 LT
5510	1213799.18313	635622.80696	Set standard monument	3275+37.63	311.99 LT
5511	1212033.67618	637179.24842	Set standard monument	3250+91.40	472.50 LT
5514	1213148.34102	636252.51118	Set standard monument	3266+33.10	356.03 LT

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

CONTINUED ON MS-4

NOTES

1. Found a Standard ADOT R/W monument as shown in Standard ADOT R/W Monument Detail "A"
2. New R/W corner not monumented. See P-4. Fd. 3" BLM Cap on 2 1/2" IP. 0.5' up 1952
3. Fd. 1/2" rebar w/cap LS 24522
4. Fd. 3" ADOT A.C. flush in concrete as set by contractor as a reference monument on the south line of the SE 1/4 of Sec. 14, 35.00' east of the 1/4 corner. Cap is stamped "ADOT HIGHWAY DIV. R.M. S1/4 SEC. 14 35.00' LS 31038"
5. Found 3" ADOT B.C. in concrete stamped "ADOT HIGHWAY DIV. C1/4 SEC. 14 LS 31038" as set by contractor. New monument location is with positional tolerance of the previous monumented corner (Pt. 104) as shown on RS-1 of survey completed in August 2007.
6. Fd. 5/8" rebar with cap stamped "LS 15336". New monument location is within positional tolerance of calculated position.
7. Monuments set at access control limits
8. Set PK Nail with washer stamped RLS 54400.
9. Found monument as noted on sheet RS-1 of survey dated August 2007.

LEGEND

- 302 Set Monument
- 300 Found Monument
- ADOT R/W monument set in 2011 or 2013
- 301 Calculated position
- Existing ADOT R/W monument

0 100 200
Scale

017rw262_rs10.dgn

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

DRAWING NO.	D-13-T-465
SURVEY	JULY 2013
DRAWN/DATE	J. HAWS/JUL 13
ADOT REVIEW	MIKE HINEMAN

HUBBARD ENGINEERING 480-892-3313 Mesa, AZ
jhawsinhubbardengineering.com Job # 27030

ROUTE NO.: I-17
LOCATION: Cordes Jct. TI

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

HIGHWAY NAME: PHOENIX-CORDES JUNCTION
FEDERAL AID NO.: I-17-2-805
PROJECT NO.: 017 YV 262 H4269 01R

Professional Land Surveyor AZ No. 54400
Digitally signed by Jeremy K. Haws
Date: 2013.08.27 14:15:58 -07'00'
(Expires 3-31-16)
ELECTRONIC SEAL
http://www.azsbe.az.gov

SHEET MS-2

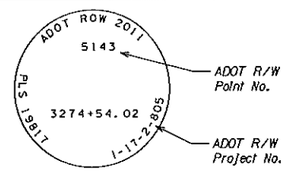
RIGHT OF WAY MONUMENTATION SURVEY

THIS SURVEY SUPPLEMENTS THE RESULTS OF SURVEY AS SHOWN ON SHEETS RS-1 TO RS-8

MONUMENTATION LIST					
PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
5143	1214732.76083	638895.46522	See note 1	3274+54.02	200.00 LT
5144	1214652.86079	639287.40397	See note 1	3274+54.02	200.00 RT
5161	1218878.43188	639749.98118	See note 1	3316+74.02	200.00 RT
5196	1215744.58277	639482.81043	See note 1	3285+53.60	200.00 RT
5197	1215752.14323	639079.17641	See note 1	3284+99.03	200.00 LT
5236	1214399.32679	639235.71892	Set standard monument	3271+95.27	200.00 RT
5389	1215467.10452	639438.25811	See note 1	3282+75.00	200.00 RT
5390	1215417.74570	639734.16976	See note 1	3282+75.00	500.00 RT
5391	1215467.06431	639742.39623	See note 1	3283+23.93	500.05 RT
5392	1215516.43202	639446.43124	See note 1	3283+24.57	200.00 RT
5457	1213244.76221	639647.11123	Set standard monument	3261+46.15	833.73 RT
5458	1213254.05597	639701.22600	Set standard monument	3261+66.07	884.89 RT
5461	1213368.44329	639250.30292	Set standard monument	3261+88.08	420.21 RT
5463	1213489.14138	639761.67813	Set standard monument	3264+08.49	897.17 RT
5466	1213733.94502	639258.89868	Set standard monument	3265+47.93	355.62 RT
5467	1213680.59171	639781.84583	Set standard monument	3266+00.11	878.69 RT
5468	1213679.10618	639856.83357	See note 2	3266+13.63	952.46 RT
5472	1213737.76984	638570.84632	Set standard monument	3264+14.24	319.33 LT
5553	1213067.43451	639995.41135	Set standard monument	3260+41.97	1210.43 RT
5554	1213109.94948	639904.94695	Set standard monument	3260+65.56	1113.29 RT
5555	1213459.08576	639927.44623	Set standard monument	3264+12.15	1065.60 RT
5556	1213677.86790	639916.83824	Set standard monument	3266+24.41	1011.50 RT
5583	1214142.91122	638765.01370	Set standard monument	3268+50.00	210.00 LT
5637	1214140.91372	638774.81217	Set standard monument	3268+50.00	200.00 LT
5660	1213681.58498	639731.70733	Set standard monument	3265+91.07	829.36 RT
5661	1213507.75542	639714.83803	Set standard monument	3264+17.37	847.55 RT
5662	1213490.18585	639710.32002	Set standard monument	3263+99.25	846.64 RT

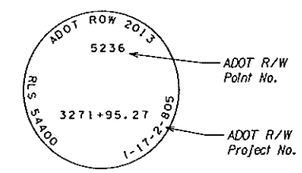
REFER TO THE RESULTS OF SURVEY AND R/W PLANS FOR THE BASIS OF STATIONING.

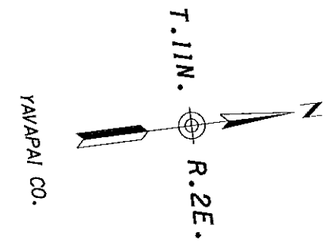
STANDARD ADOT R/W MONUMENT DETAIL "A"



STANDARD ADOT R/W MONUMENT DETAIL "B"

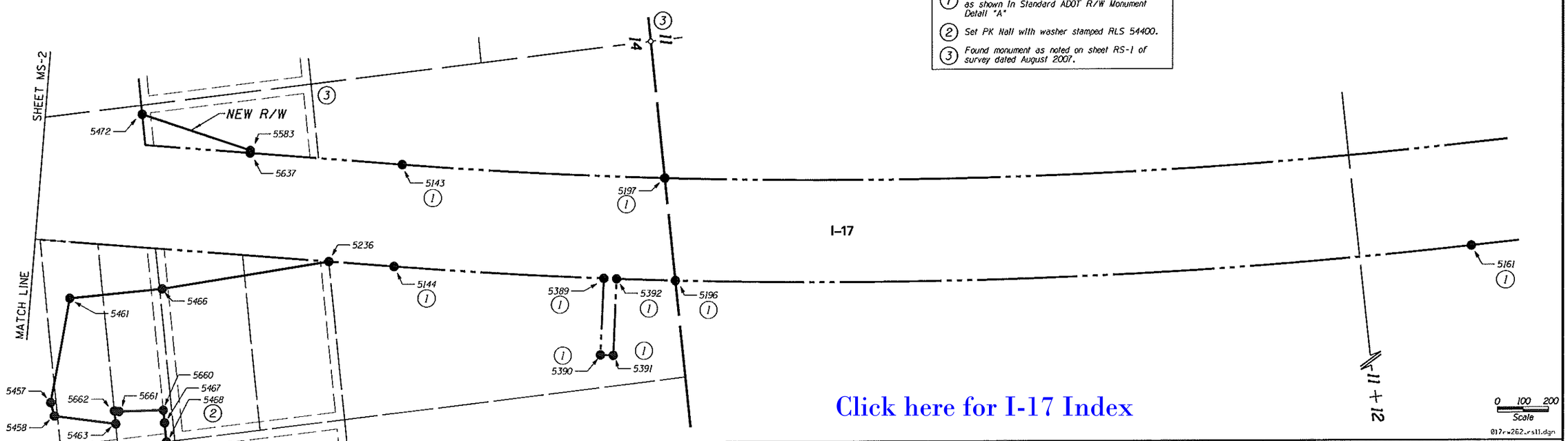
Unless otherwise noted, all set monuments are 3" aluminum cap on 3/4" rebar. Typical stamping below.





NOTES

1. Found a Standard ADOT R/W monument as shown in Standard ADOT R/W Monument Detail "A"
2. Set PK Nail with washer stamped RLS 54400.
3. Found monument as noted on sheet RS-1 of survey dated August 2007.



Click here for I-17 Index

LEGEND

- 302 Set Monument
- 300 Found Monument
- ADOT R/W monument set in 2011 or 2013
- 301 Calculated position
- Existing ADOT R/W monument

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

DRAWING NO.	D-13-T-465
SURVEY	JULY 2013
DRAWN/DATE	J.HAWS/JUL 13
ADOT REVIEW	MIKE HINEMAN

HUBBARD ENGINEERING 480-892-3313 Mesa, AZ hubbardengineering.com Job # 27030

ROUTE NO.: I-17

LOCATION: Cordes Jct. TI

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

HIGHWAY NAME: PHOENIX-CORDES JUNCTION

FEDERAL AID NO.: I-17-2-805

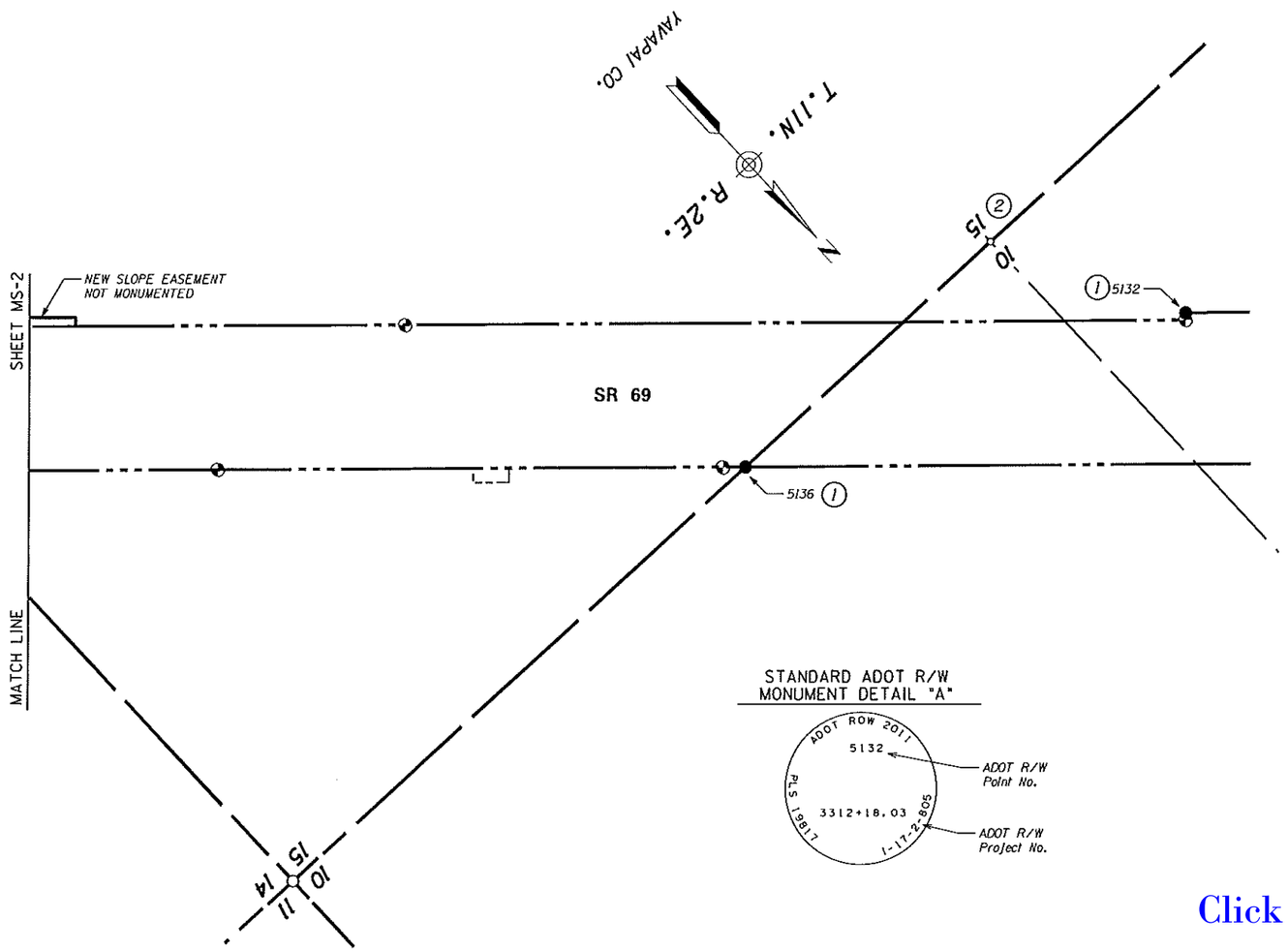
PROJECT NO.: 017 YV 262 H4269 01R

Professional Land Surveyor AZ No. 54400
Digitally signed by Jeremy K. Haws
Date: 2013.08.27 14:16:56 -07'00'
(Expires 3-31-16)
ELECTRONIC SEAL
http://www.azsls.com/

SHEET MS-3

RIGHT OF WAY MONUMENTATION SURVEY

THIS SURVEY SUPPLEMENTS THE RESULTS OF SURVEY AS SHOWN ON SHEETS RS-1 TO RS-8



STANDARD ADOT R/W MONUMENT DETAIL "A"

CONTINUED FROM MS-2

MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
5515	1213183.10802	636288.44523	Set standard monument	3266+30.67	306.09 LT
5519	1212243.66171	636585.28017	Set standard monument	43+82.20	788.35 LT
5523	1211025.71630	639235.27950	See note 8 (MS-2)	3238+89.56	873.45 RT
5539	1212466.74234	636585.91389	See note 8 (MS-2)	45+34.33	625.18 LT
5540	1212433.01472	636618.91683	Set standard monument	44+87.18	627.21 LT
5541	1212429.80528	636766.07659	Set standard monument	43+77.64	528.89 LT
5542	1212592.94894	636919.05475	Set standard monument	43+77.64	305.24 LT
5543	1212767.38761	636746.52045	Set standard monument	3260+12.16	296.01 LT
5552	1213034.44206	639994.70563	Set standard monument	3260+09.50	1216.33 RT
5560	1213003.72082	639887.81979	Set standard monument	3259+58.05	1117.73 RT
5561	1213036.71327	639888.52551	Set standard monument	3259+90.52	1111.83 RT
5562	1213882.55811	635624.51507	Set standard monument	3275+93.42	250.00 LT
5563	1213974.83536	635599.20377	Set standard monument	3276+75.00	200.00 LT
5573	1211025.43652	639247.27884	Set standard monument	3238+91.68	885.26 RT
5574	1211371.59562	638870.61482	Set standard monument	3241+55.63	447.04 RT
5575	1211107.72585	638945.70514	Set standard monument	3239+12.08	573.33 RT
5585	1212962.41944	639854.70981	Set standard monument	3259+10.97	1093.54 RT
5586	1211666.58976	639290.61844	Set standard monument	3245+28.57	799.66 RT
5587	1210760.99536	639118.55406	Set standard monument	3236+06.86	811.95 RT
5588	1210770.40401	639143.56975	Set standard monument	3236+21.08	834.59 RT
5589	1211103.87378	639144.32629	Set standard monument	3239+47.98	768.72 RT
5590	1211175.90763	639129.48968	Set standard monument	3240+15.59	739.79 RT
5591	1211485.55254	639130.19217	Set standard monument	3243+19.14	678.63 RT
5598	1211731.84125	639324.34035	Set standard monument	3245+99.25	819.67 RT
5599	1211851.63216	639413.59514	Set standard monument	3247+34.45	883.19 RT
5600	1211879.97456	639423.22944	Set standard monument	3247+64.15	886.97 RT
5601	1211946.37196	639428.36334	Set standard monument	3248+30.23	878.74 RT
5615	1210403.33264	639233.74560	Set standard monument	3232+79.41	996.27 RT
5617	1210383.28911	639253.26563	Set standard monument	3232+63.67	1019.40 RT
5618	1210383.10315	639261.01340	Set standard monument	3232+65.04	1027.03 RT
5619	1210350.11265	639260.22154	Fd. 5/8" Rebar w/ cap LS 15336	3232+32.56	1032.84 RT
5620	1210339.64664	639259.97033	Set standard monument	3232+22.25	1034.68 RT
5621	1210337.95639	639246.29586	Fd. 5/8" Rebar w/ cap LS 15336	3232+17.86	1021.62 RT
5623	1210318.36468	639228.75097	Set standard monument	3231+95.16	1008.35 RT
5624	1210271.27276	639228.14523	Set standard monument	3231+48.90	1017.16 RT
5625	1210259.63131	639161.14782	Set standard monument	3231+24.11	953.84 RT
5627	1210345.32754	639154.15996	Set standard monument	3232+06.68	929.87 RT
5628	1210345.61357	639142.24333	Set standard monument	3232+04.58	918.14 RT
5629	1210352.94400	639142.26140	Set standard monument	3232+11.77	916.69 RT
5631	1210392.93120	639142.35995	Set standard monument	3232+50.97	908.80 RT
5632	1210392.90074	639154.71965	Set standard monument	3232+53.41	920.92 RT
5684	1213956.59866	635582.10340	Set standard monument	3276+75.00	225.00 LT
5694	1213921.26158	635583.23973	Set standard monument	3276+50.00	250.00 LT
5695	1210366.92400	638562.44700	Fd. ADOT A.C. as R.M.	3231+09.65	345.77 RT

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

MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
5132	1216383.73156	633000.99566	See note 1	3312+18.03	220.00 LT
5136	1215844.17064	634190.43252	See note 1	3299+81.31	200.00 RT

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

Click here for I-17 Index

NOTES

1. *Found a Standard ADOT R/W monument as shown in Standard ADOT R/W Monument Detail "A"*
2. *Found monument as noted on sheet RS-1 of survey dated August 2007.*

LEGEND

- 302 *Set Monument*
- 300 *Found Monument*
- *ADOT R/W Monument set in 2011 or 2013*
- 301 *Calculated position*
- *Existing ADOT R/W monument*

0 100 200
Scale

D17rw262_rs12.dgn

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

DRAWING NO.	D-13-T-465
SURVEY	JULY 2013
DRAWN/DATE	J. HAWS/JUL 13
ADOT REVIEW	MIKE HINEMAN
HUBBARD ENGINEERING 480-892-3313 Mesa, AZ jhaws@hubbardengineering.com Job # 27030	
ROUTE NO.: I-17	LOCATION: Cordes Jct. TI

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

HIGHWAY NAME: PHOENIX-CORDES JUNCTION
FEDERAL AID NO.: I-17-2-805
PROJECT NO.: 017 YV 262 H4269 01R

Professional Land Surveyor AZ No. 34400
Digitally signed by Jeremy K. Haws
Date: 2013.08.27 14:17:33 -07'00'
(Expires 3-31-16)
ELECTRONIC SEAL
http://www.btr.state.az.us

SHEET MS-4