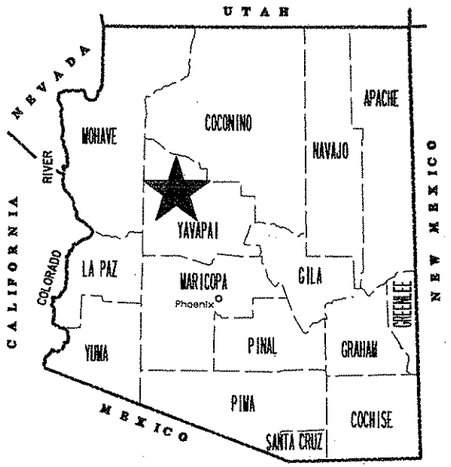
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	FINALIZED PLANS
9	ARIZ.	S-366-720	1	19	

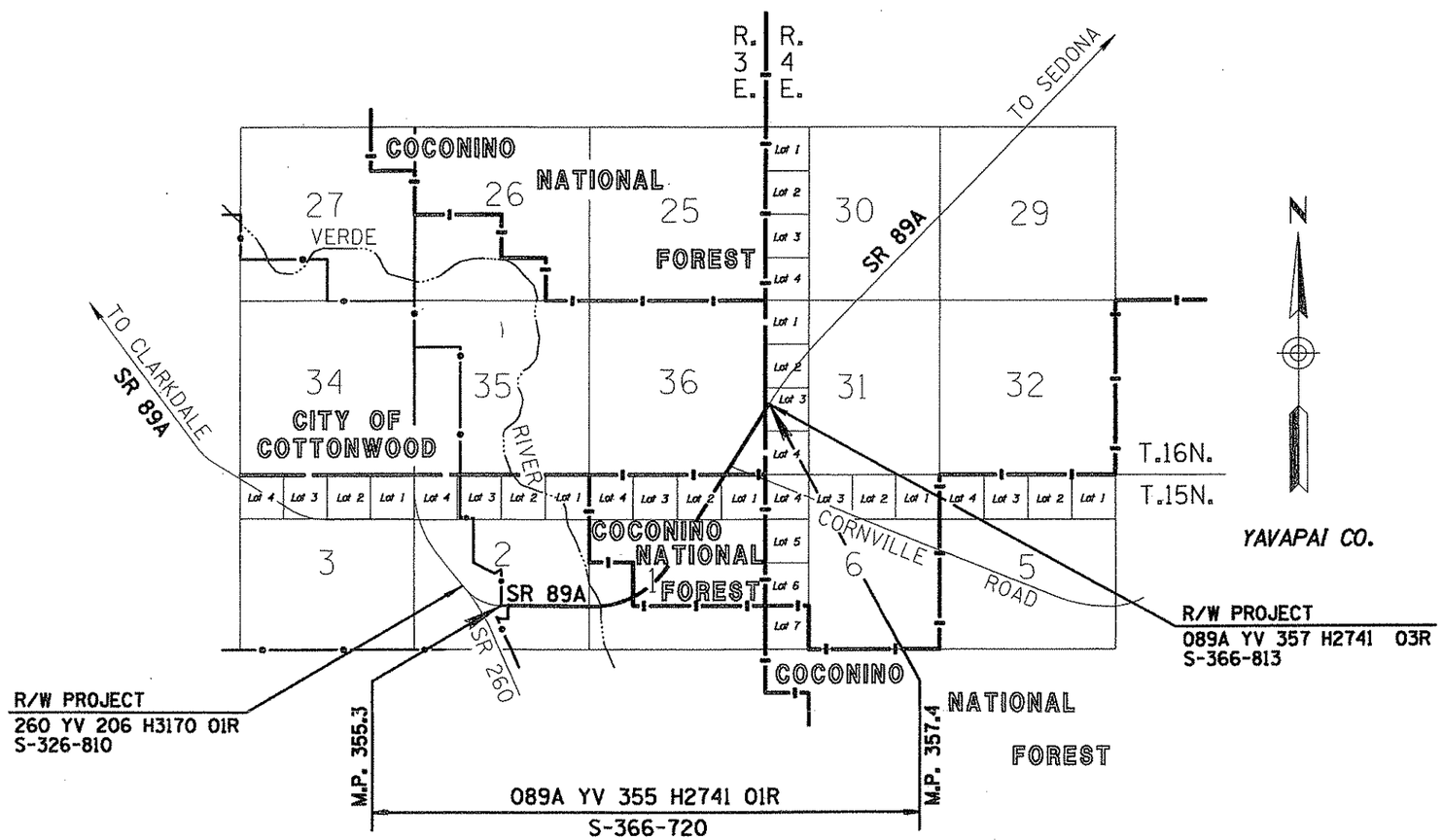


STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

RIGHT OF WAY PLAN OF THE
PRESCOTT-FLAGSTAFF
COTTONWOOD-CORNVILLE RD.
089A YV 355 H2741 01R
S-366-720

Click here for SR 89A Index

LENGTH OF PROJECT 2.14 MI DISTRICT F



ARIZONA DEPARTMENT OF TRANSPORTATION BOARD APPROVED FOR RIGHT OF WAY ACQUISITION IN ACCORDANCE WITH RESOLUTION 2011-07-A-055 DATED 07/15/11

ARIZONA DEPARTMENT OF TRANSPORTATION BOARD APPROVED FOR RIGHT OF WAY ACQUISITION IN ACCORDANCE WITH RESOLUTION 98-08-A-042 DATED 8-21-98

THOMAS G. SCHMITT STATE ENGINEER

APPROVED IN ACCORDANCE WITH ROADWAY PLANS

DATE 11-4-98

CHIEF R/W AGENT

S.E. Hansen

U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED DATE

DIVISION ADMINISTRATOR

DRAWING NO. D-13-T-445

SHEET NO. 1 OF 19

PUBLIC HEARING REQUIREMENTS CERTIFIED

ENVIRONMENTAL CLEARANCE 8-6-1998

C & S REVIEW

BID SET REVIEW

OWNERSHIP RECORD — ACQUISITION RECORD

PARCEL NUMBER	OWNER	DESCRIPTION	TOTAL AREA	AREA REQUIRED: GROSS INCLUDING EXISTING R/W	AREA REQUIRED: NET EXCLUDING EXISTING R/W	EASEMENT AREA	REMAINDER: LEFT	REMAINDER: RIGHT	SHEET NO.	CHIEF R/W AGENT APPROVAL	INSTRUMENT: TYPE	INSTRUMENT: DATE	RECORDED: DATE	RECORDED: DOCUMENT
13-0804	FFCA ACQUISITION CORP.	PT. S ½ SEC 2, T.15N.,R.3E.	58,803±	8,095±	1,437±			50,708±	4					
13-0805	JOHN M. VERRETTO, et al, TRUSTEES	PT. LOT 1, OASIS COLONY, Bk. 2, Pg. 29 Y.C.R.	31,076±	4,480±	1,557±	TCE 4,369±	26,596±		4					
13-0817	ROY F. DEAN, et al, TRUSTEES	PT. LOT 1 OASIS COLONY, Bk. 2, Pg. 29 Y.C.R.				~~4,671±~~ 6,566± TCE			4					
13-0818	ESTHER SIRKIN BARANOV, TRUSTEE	PT. LOTS 1 & 2 OASIS COLONY, Bk. 2, Pg. 29 Y.C.R.				~~492±~~ 929± TCE			4					
13-0819	CEDIC DEVELOPMENT CO.	PT. NW¼ SE¼ SEC 2, T.15N.,R.3E.	100,191±	4,501±	2,205±		95,690±		4					
13-0820	JOSEPHINE SEE, et al	PT. LOT 8, OASIS COLONY, Bk. 2, Pg. 29 Y.C.R.	~~53,288±~~ 103,707±	2,967±	372±	744± TCE	100,740±		4-5					
13-0821	ALICE N. KNOLES, et al	PT. LOT 9, OASIS COLONY, Bk. 2, Pg. 29 Y.C.R.	66,000±	1,746±	333±	801± TCE	64,254±		5					
13-0822	CHARLES ELMER LAWRENCE JR, et al, TRUSTEES	PT. LOT 9, OASIS COLONY, Bk. 2, Pg.29 Y.C.R.				~~2,480±~~ 3,040± TCE			5					
13-0824	ALLAN CLEMENGER, et ux	PT. LOT 16, OASIS COLONY, Bk. 2, Pg. 29 Y.C.R.	180,341±		7,560±		172,781±		5					
13-0828	JAMES G. GRAY, et ux	PT. NW¼ SW¼ SEC 1, T.15N.,R.3E.	2,598±		2,598±				6					
13-0832	YAVAPAI BROADCASTING CORP.	PT. NW¼ SW¼ SE¼ SEC 2, T.15N.,R.3E.	19,254±	~~5,541±~~ 5,381±	~~1,014±~~ 854±			~~13,713±~~ 13,873±	4					
13-0833	REESE DIXON, et ux	PT. SW¼ SE¼ SEC 2, T.15N.,R.3E.	23,975±	5,263±	930±			18,712±	4					
13-0834	ELI PLANEDIN	PT. SW¼ SE¼ SEC 2, T.15N.,R.3E.	199,126±	16,319±	2,097±			182,807±	4					
13-0835	ERIC SWANSON	PT. N½ SW¼ SE¼ SEC 2, T.15N.,R.3E.	118,802±	6,916±	1,156±			111,886±	4					
13-0836	DON A. SAFLEY, et al	PT. N½ SW¼ SE¼ SEC 2, T.15N.,R.3E.	180,942±	30,461±	3,515±	639± TCE		150,481±	4-5					
13-0837	CLYDE E. HENDERSON, et ux	PT. SE¼ SE¼ SEC 2, T.15N.,R.3E.	24,078±	10,735±	1,329±	632± TCE		13,343±	5					
13-0838	MONGINI HOUSE I	PT. SE¼ SEC 2, PT. NE¼ SEC 11, T.15N.,R.3E.	2,332,670±	16,885±	14,910±	730± TCE		2,315,785±	5					
13-0839	STATE OF ARIZONA (SLD)	SE¼ SEC 36, T.16N.,R.3E.	160 Ac	~~697,375±~~ 16.60 Ac	~~391,910±~~ 9.59 Ac		~~123.34 Ac~~ 121.86 Ac	~~22.13 Ac~~ 21.54 Ac	9-11					
13-0840	USA (COCONONO NATIONAL FOREST)	N½ & NW¼ SW¼ SEC 1, T.15N.,R.3E.		1,108,597±	480,612±				6-10					
13-0867	JOHN R. WATT, et ux	PT. S½ SE¼ NW¼ SE¼ SEC 2, T.15N.,R.3E.	2,754±	1,028±	180±		1,726±		4					
13-0897	VERDE VALLEY CHRISTIAN CHURCH, INC.	PT. SW¼ SEC 1, T.15N.,R.3E.	96,906±	2,401±	1,581±			94,505±	6					
13-0839-A	STATE OF ARIZONA (SLD)	SE¼ SEC 36, T.16N.,R.3E.	FOR ACCESS RIGHTS ONLY											

Click here for SR 89A Index

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION
9282	11-02-98	RPA	REVISED AREAS PARCELS 13-0818 & 13-0839
9298	1-11-99	RPA	REVISED AREAS PARCELS 13-0832 & 13-0839
9310	2-22-99	RPA	REVISED TCE AREAS PARCELS 13-0817 &
"	"	"	13-0822
9394	2-18-00	MTP	ADDED T.C.E. TO PAR. 13-0805.
9424	8-25-00	RPA	ADDED PARCEL 13-0839-A

DRAWING NO.	D-13-T-445
HARD COPY	9704U
DRAWN	RPA 8-98
CHECKED	BG 8-98
~~RITOCH-POWELL, A~~ ~~Consulting Engineers, Inc.~~	
ROUTE	SECTION
SR 89A	COTTONWOOD-CORNVILLE RD.

ARIZONA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLANS SECTION
HIGHWAY: PRESCOTT - FLAGSTAFF
PROJECT NO.: S-366-720
TRACS NO.: 089A YV 355 H2741 01R

SHEET 2 OF 19

ooooDGNoSPECIFICATIONoooooo VIEW NAME:
oooooSYSTIMEoooooo

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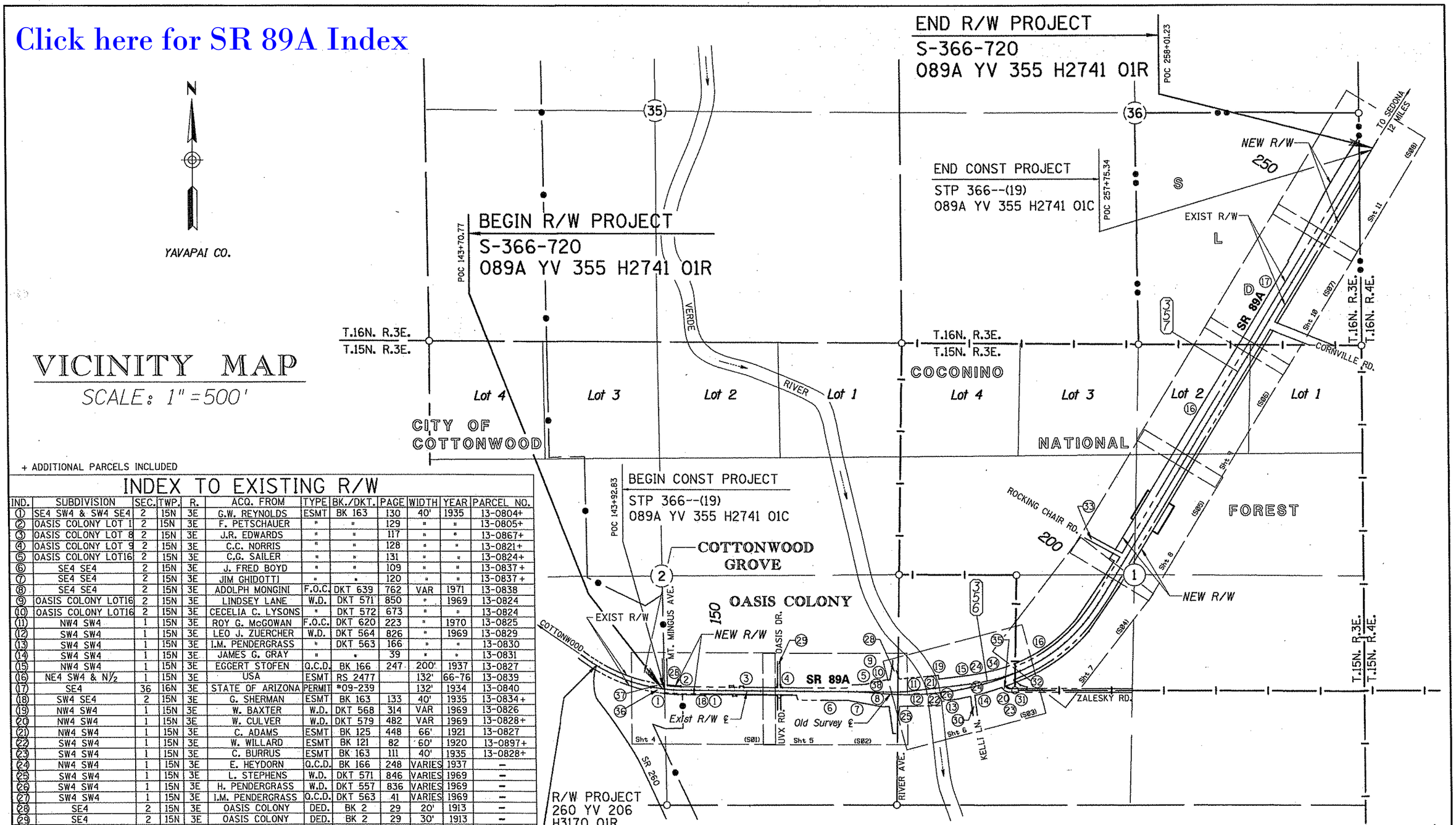

VICINITY MAP

SCALE: 1" = 500'

+ ADDITIONAL PARCELS INCLUDED

INDEX TO EXISTING R/W

IND.	SUBDIVISION	SEC.	TWP.	R.	ACQ. FROM	TYPE	BK./DKT.	PAGE	WIDTH	YEAR	PARCEL NO.
1	SE4 SW4 & SW4 SE4	2	15N	3E	G.W. REYNOLDS	ESMT	BK 163	130	40'	1935	13-0804+
2	OASIS COLONY LOT 1	2	15N	3E	F. PETSCHAUER	"	"	129	"	"	13-0805+
3	OASIS COLONY LOT 8	2	15N	3E	J.R. EDWARDS	"	"	117	"	"	13-0867+
4	OASIS COLONY LOT 9	2	15N	3E	C.C. NORRIS	"	"	128	"	"	13-0821+
5	OASIS COLONY LOT16	2	15N	3E	C.G. SAILER	"	"	131	"	"	13-0824+
6	SE4 SE4	2	15N	3E	J. FRED BOYD	"	"	109	"	"	13-0837+
7	SE4 SE4	2	15N	3E	JIM GHIDOTTI	"	"	120	"	"	13-0837+
8	SE4 SE4	2	15N	3E	ADOLPH MONGINI	F.O.C.	DKT 639	762	VAR	1971	13-0838
9	OASIS COLONY LOT16	2	15N	3E	LINDSEY LANE	W.D.	DKT 571	850	"	1969	13-0824
10	OASIS COLONY LOT16	2	15N	3E	CECELIA C. LYSONS	"	DKT 572	673	"	"	13-0824
11	NW4 SW4	1	15N	3E	ROY G. McGOWAN	F.O.C.	DKT 620	223	"	1970	13-0825
12	SW4 SW4	1	15N	3E	LEO J. ZUERCHER	W.D.	DKT 564	826	"	1969	13-0829
13	SW4 SW4	1	15N	3E	I.M. PENDERGRASS	"	DKT 563	166	"	"	13-0830
14	SW4 SW4	1	15N	3E	JAMES G. GRAY	"	"	39	"	"	13-0831
15	NW4 SW4	1	15N	3E	EGGERT STOFEN	Q.C.D.	BK 166	247	200'	1937	13-0827
16	NE4 SW4 & N½	1	15N	3E	USA	ESMT	RS 2477		132'	66-76	13-0839
17	SE4	36	16N	3E	STATE OF ARIZONA	PERMIT	#09-239		132'	1934	13-0840
18	SW4 SE4	2	15N	3E	G. SHERMAN	ESMT	BK 163	133	40'	1935	13-0834+
19	NW4 SW4	1	15N	3E	W. BAXTER	W.D.	DKT 568	314	VAR	1969	13-0826
20	NW4 SW4	1	15N	3E	W. CULVER	W.D.	DKT 579	482	VAR	1969	13-0828+
21	NW4 SW4	1	15N	3E	C. ADAMS	ESMT	BK 125	448	66'	1921	13-0827
22	SW4 SW4	1	15N	3E	W. WILLARD	ESMT	BK 121	82	60'	1920	13-0897+
23	SW4 SW4	1	15N	3E	C. BURRUS	ESMT	BK 163	111	40'	1935	13-0828+
24	NW4 SW4	1	15N	3E	E. HEYDORN	Q.C.D.	BK 166	248	VARIES	1937	–
25	SW4 SW4	1	15N	3E	L. STEPHENS	W.D.	DKT 571	846	VARIES	1969	–
26	SW4 SW4	1	15N	3E	H. PENDERGRASS	W.D.	DKT 557	836	VARIES	1969	–
27	SW4 SW4	1	15N	3E	I.M. PENDERGRASS	Q.C.D.	DKT 563	41	VARIES	1969	–
28	SE4	2	15N	3E	OASIS COLONY	DED.	BK 2	29	20'	1913	–
29	SE4	2	15N	3E	OASIS COLONY	DED.	BK 2	29	30'	1913	–
30	SW4 SW4	1	15N	3E	PENDERGRASS et al	DED.	BK 11	81	50'	1966	–
31	SW4	1	15N	3E	----	ESMT	BK 18	65	40'	1974	–
32	SW4	1	15N	3E	USA	ESMT	BK 935	580	20'	1974	–
33	NW4	1	15N	3E	USA	ESMT	BK 801	909	50'	1977	–
34	NW4 SW4	1	15N	3E	K. ADAMS	ESMT	BK 170	180	200'	1937	–
35	NW4 SW4	1	15N	3E	E. TAYLOR	ESMT	DKT 509	440	40'	1968	13-0897
36	SE4 SW4	2	15N	3E	G. SHERMAN	ESMT	BK 163	134	100'	1935	13-0804
37	SW4	2	15N	3E	TRANSAMERICA TITLE	F.O.C.	DKT 981	48	100'	1975	–
38	OASIS COLONY LOT 16	2	15N	3E	C.G. SAILER	Q.C.D.	BK 161	128	VAR	1935	–

REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION
9282	11-2-98	RPA	REVISED NEW R/W IN SE¼ SEC 36
9298	1-11-99	RPA	REVISED NEW R/W IN SE¼ SEC 2 & SE¼
9298	1-11-99		SEC 36
9310	2-22-99	RPA	REVISED CONSTRUCTION PROJECT NUMBERS
			& STATION

DRAWING NO.	D-13-T-445
HARD COPY	9704U
DRAWN	RPA 8-98
CHECKED	BG 8-98
~~RITOCH-POWELL & ASSOCIATES~~ CONSULTING ENGINEERS, INC.	
ROUTE	SECTION
SR 89A	COTTONWOOD-CORNVILLE RD

ARIZONA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLANS SECTION
HIGHWAY: PRESCOTT-FLAGSTAFF
PROJECT NO. S-366-720
TRACS NO. 089A YV 355 H2741 01R

15901 JOHN M. RITOCH ARIZONA, U.S.A.

SHEET 3 OF 19

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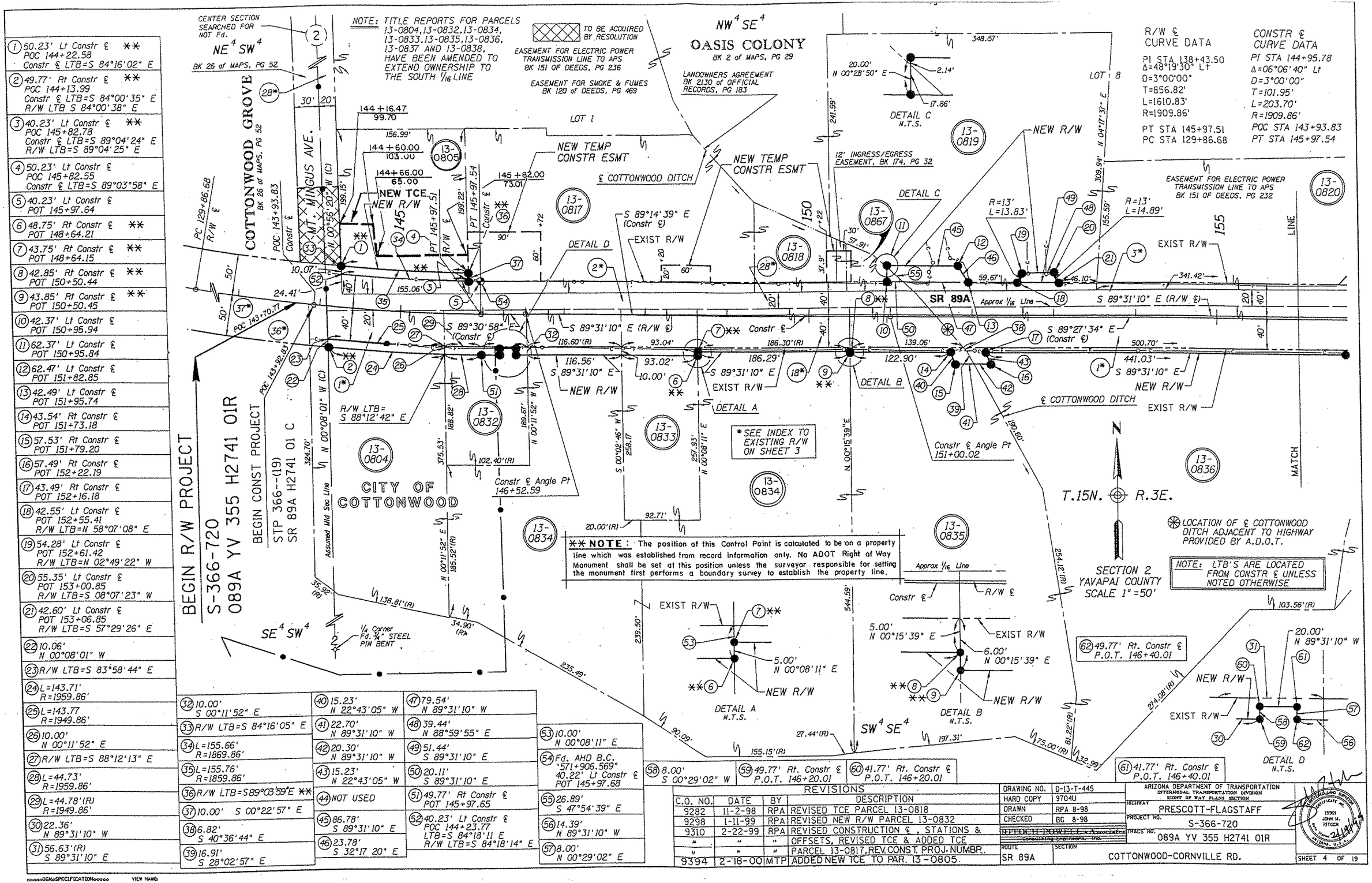
□□□□□SYSTIME□□□□□



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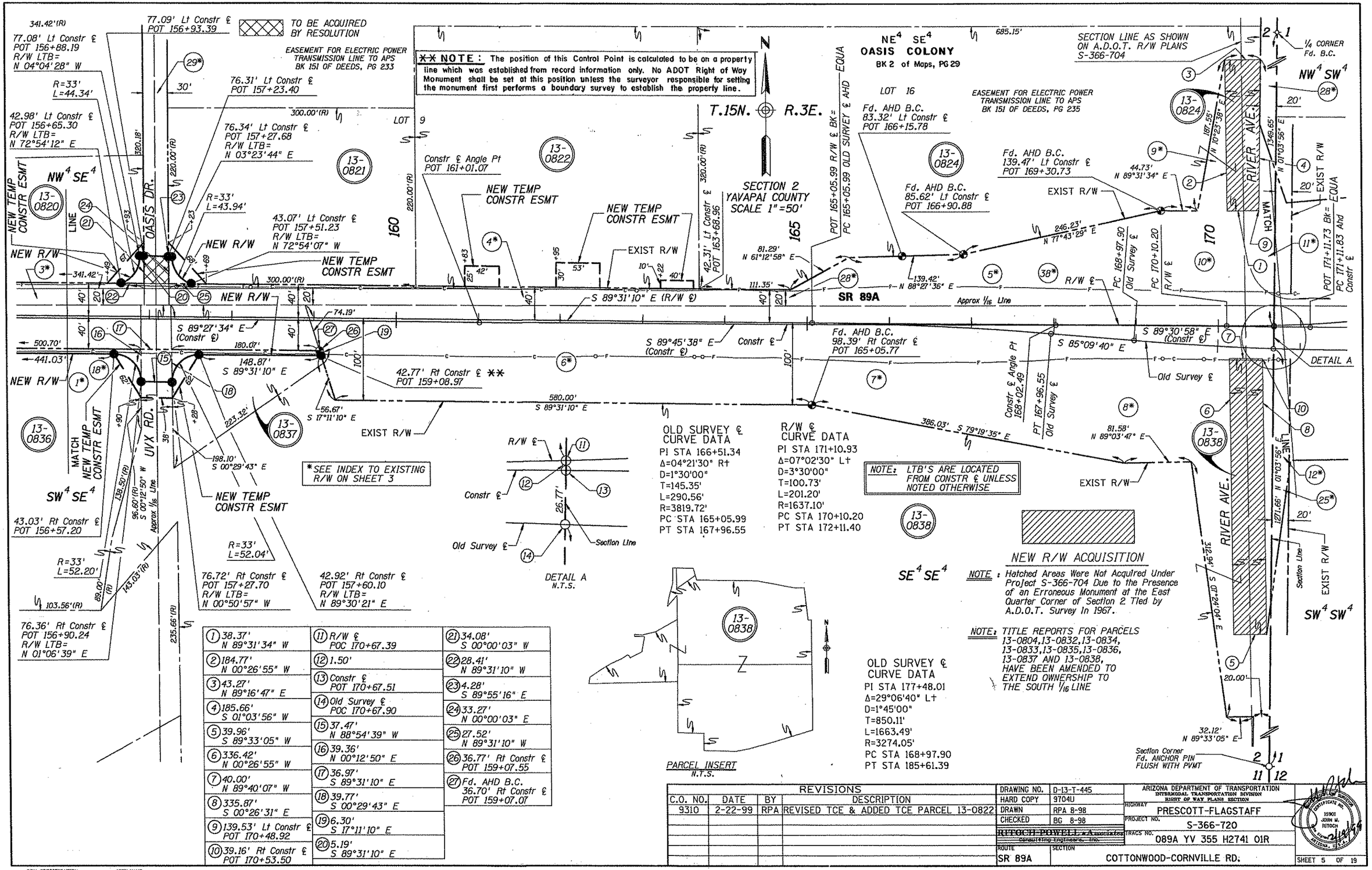

(1) 38.37' N 89°31'34" W	(11) R/W ℄ POC 170+67.39
(2) 184.77' N 00°26'55" W	(12) 1.50'
(3) 43.27' N 89°16'47" E	(13) Constr ℄ POT 170+67.51
(4) 185.66' S 01°03'56" W	(14) Old Survey ℄ POC 170+67.90
(5) 39.96' S 89°33'05" W	(15) 37.47' N 88°54'39" W
(6) 336.42' N 00°26'55" W	(16) 39.36' N 00°12'50" E
(7) 40.00' N 89°40'07" W	(17) 36.97' S 89°31'10" E
(8) 335.87' S 00°26'31" E	(18) 39.77' S 00°29'43" E
(9) 139.53' Lt Constr ℄ POT 170+48.92	(19) 6.30' S 17°11'10" E
(10) 39.16' Rt Constr ℄ POT 170+53.50	(20) 5.19' S 89°31'10" E

(21) 34.08' S 00°00'03" W
(22) 28.41' N 89°31'10" W
(23) 4.28' S 89°55'16" E
(24) 33.27' N 00°00'03" E
(25) 27.52' N 89°31'10" W
(26) 36.77' Rt Constr ℄ POT 159+07.55
(27) Fd. AHD B.C. 36.70' Rt Constr ℄ POT 159+07.07

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION
9310	2-22-99	RPA	REVISED TCE & ADDED TCE PARCEL 13-0822

DRAWING NO.	D-13-T-445
HARD COPY	9704U
DRAWN	RPA 8-98
CHECKED	BG 8-98
RITOCH-POWELL & ASSOCIATES Consulting Engineers, Inc.	
ROUTE	SECTION
SR 89A	COTTONWOOD-CORNVILLE RD.

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION
HIGHWAY: PRESCOTT-FLAGSTAFF
PROJECT NO. S-366-720
TRACS NO. 089A YV 355 H2741 01R

oooooDBNoSPECIFICATIONoooooo VIEW NAME:
oooooSYSTIMEoooooo

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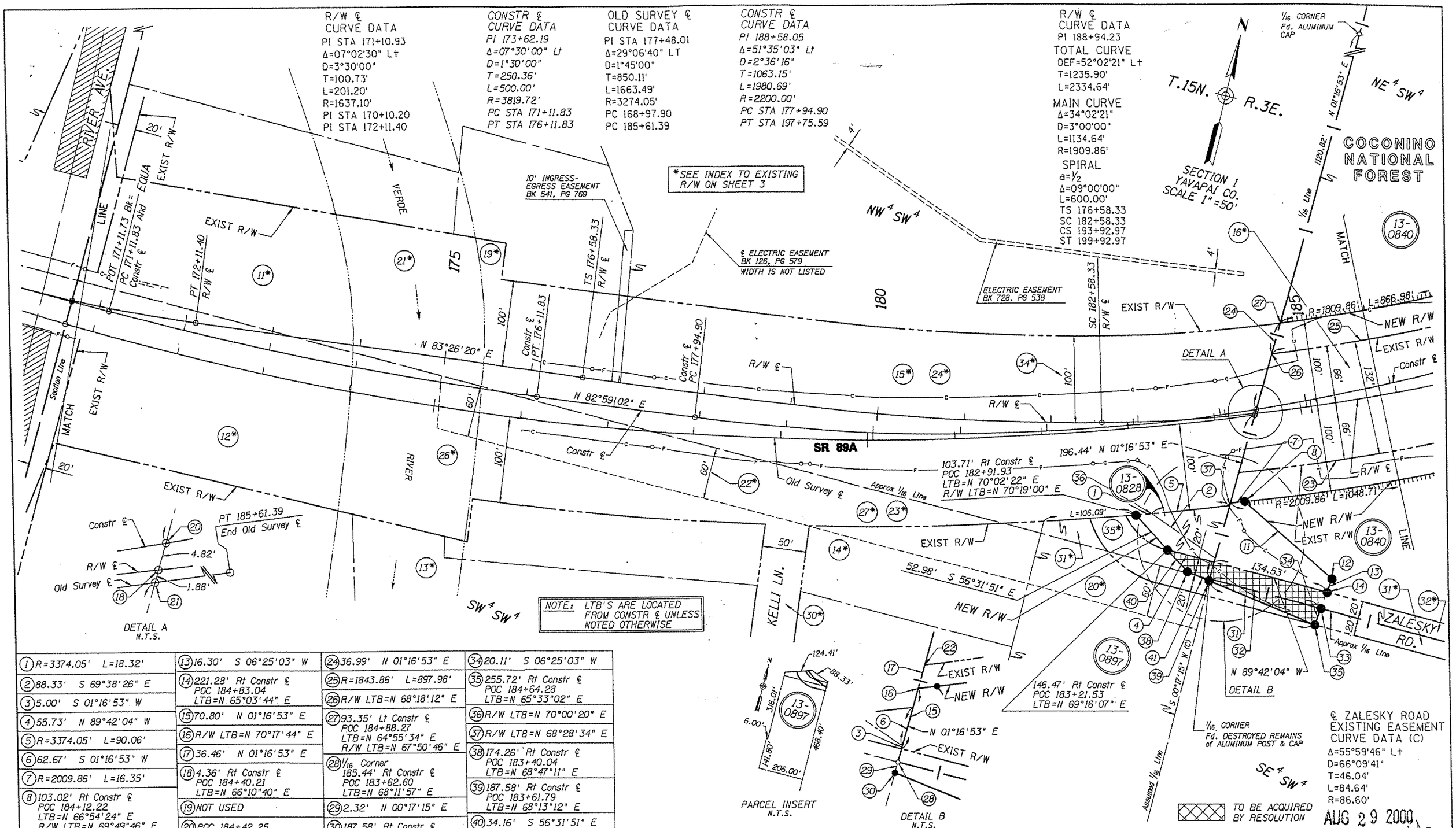


(1) R=3374.05' L=18.32'	(13) 16.30' S 06°25'03" W	(24) 36.99' N 01°16'53" E	(34) 20.11' S 06°25'03" W
(2) 88.33' S 69°38'26" E	(14) 221.28' Rt Constr ℄ POC 184+83.04 LTB=N 65°03'44" E	(25) R=1843.86' L=897.98'	(35) 255.72' Rt Constr ℄ POC 184+64.28 LTB=N 65°33'02" E
(3) 5.00' S 01°16'53" W	(15) 70.80' N 01°16'53" E	(26) R/W LTB=N 68°18'12" E	(36) R/W LTB=N 70°00'20" E
(4) 55.73' N 89°42'04" W	(16) R/W LTB=N 70°17'44" E	(27) 93.35' Lt Constr ℄ POC 184+88.27 LTB=N 64°55'34" E R/W LTB=N 67°50'46" E	(37) R/W LTB=N 68°28'34" E
(5) R=3374.05' L=90.06'	(17) 36.46' N 01°16'53" E	(28) 1/16 Corner 185.44' Rt Constr ℄ POC 183+62.60 LTB=N 68°11'57" E	(38) 174.26' Rt Constr ℄ POC 183+40.04 LTB=N 68°47'11" E
(6) 62.67' S 01°16'53" W	(18) 4.36' Rt Constr ℄ POC 184+40.21 LTB=N 66°10'40" E	(29) 2.32' N 00°17'15" E	(39) 187.58' Rt Constr ℄ POC 183+61.79 LTB=N 68°13'12" E
(7) R=2009.86' L=16.35'	(19) NOT USED	(30) 187.58' Rt Constr ℄ POC 183+61.79 LTB=N 68°13'12" E	(40) 34.16' S 56°31'51" E
(8) 103.02' Rt Constr ℄ POC 184+12.22 LTB=N 66°54'24" E R/W LTB=N 69°49'46" E	(20) POC 184+42.25 LTB=N 66°07'28" E	(31) 131.78' N 81°59'22" W	(41) 27.05' S 89°59'22" E
(9) 56.69' S 50°22'56" E	(21) 6.06' Rt Constr ℄ POC 184+39.42 LTB=N 66°11'54" E	(32) 132.73' S 89°42'04" E	
(10) NOT USED	(22) R/W LTB=N 69°55'01" E	(33) 238.48' Rt Constr ℄ POC 184+73.60 LTB=N 65°18'30" E	
(11) 134.02' S 62°59'30" E	(23) R=1975.86' L=1017.91'		
(12) 207.37' Rt Constr ℄ POC 184+90.79 LTB=N 64°51'37" E			

REVISIONS					
C.O. NO.	DATE	BY	DESCRIPTION	DRAWING NO.	D-13-T-445
9282	11-2-98	RPA	ADDED CROSSHATCH TO N½ OF ZALESKY RD IN PARCEL 13-0840	HARD COPY	9704U
9424	8-3-00	RPA	ADDED ACCESS CONTROL	DRAWN	RPA 8-98
				CHECKED	BG 8-98
				RITOCH-POWELL & Associates Consulting Engineers, Inc.	
				ROUTE: SR 89A	SECTION: COTTONWOOD-CORNVILLE RD.

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

HIGHWAY: PRESCOTT-FLAGSTAFF
PROJECT NO. S-366-720
TRACS NO. 089A YV 355 H2741 01R

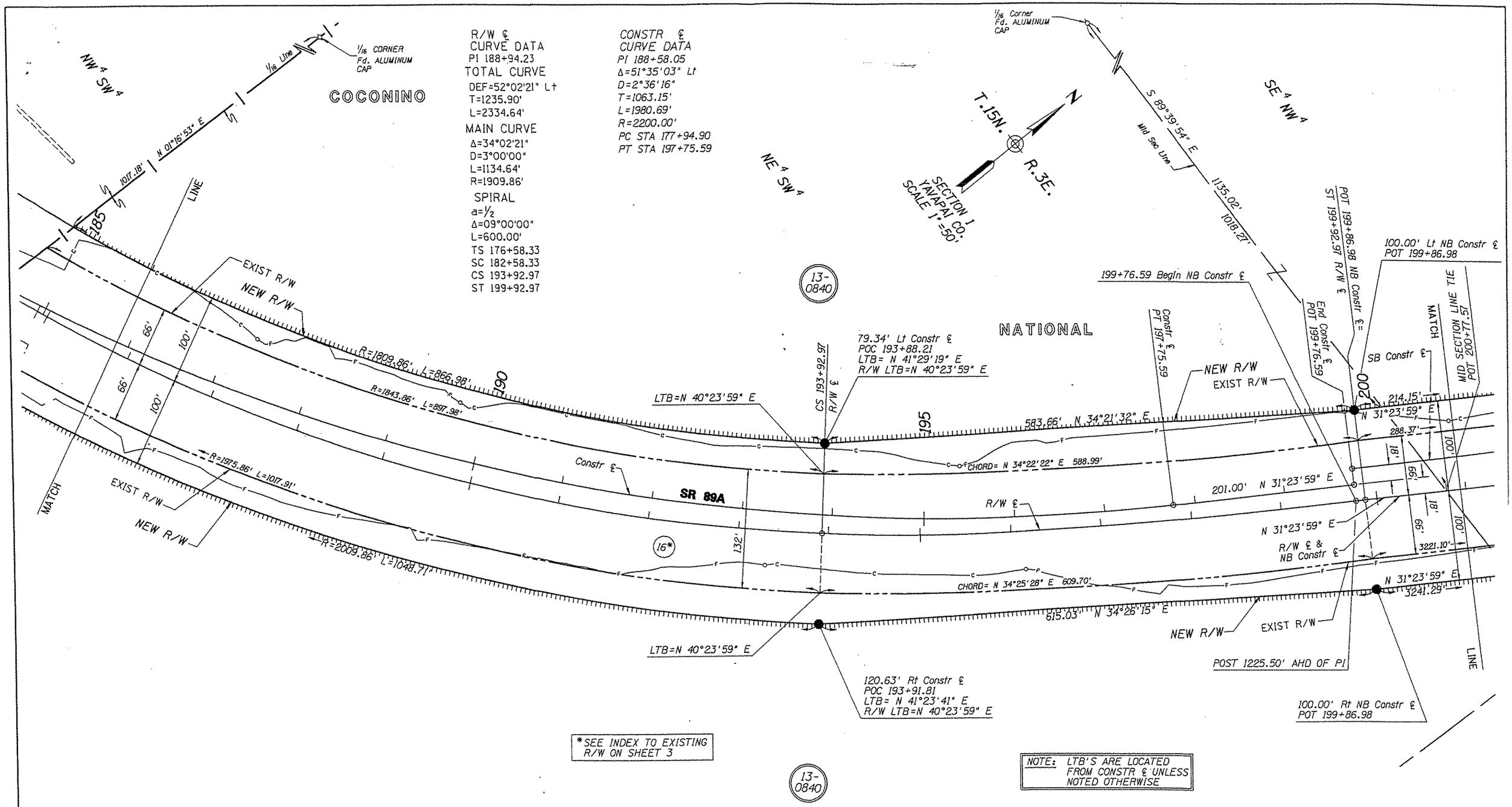
RITOCH-POWELL & Associates CERTIFICATE OF LAND SURVEYOR 15901 JOHN M. RITOCH ARIZONA, U.S.A.

SHEET 6 OF 19

Click here for SR 89A Index

R/W ℄
CURVE DATA
PI 188+94.23
TOTAL CURVE
DEF=52°02'21" Lt
T=1235.90'
L=2334.64'
MAIN CURVE
Δ=34°02'21"
D=3°00'00"
L=1134.64'
R=1909.86'
SPIRAL
a=½
Δ=09°00'00"
L=600.00'
TS 176+58.33
SC 182+58.33
CS 193+92.97
ST 199+92.97

CONSTR ℄
CURVE DATA
PI 188+58.05
Δ=51°35'03" Lt
D=2°36'16"
T=1063.15'
L=1980.69'
R=2200.00'
PC STA 177+94.90
PT STA 197+75.59



*SEE INDEX TO EXISTING R/W ON SHEET 3

13-0840

NOTE: LTB'S ARE LOCATED FROM CONSTR ℄ UNLESS NOTED OTHERWISE

Click here for SR 89A Index

FOREST
AUG 29 2000

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION
9424	8-3-00	RPA	ADDED ACCESS CONTROL

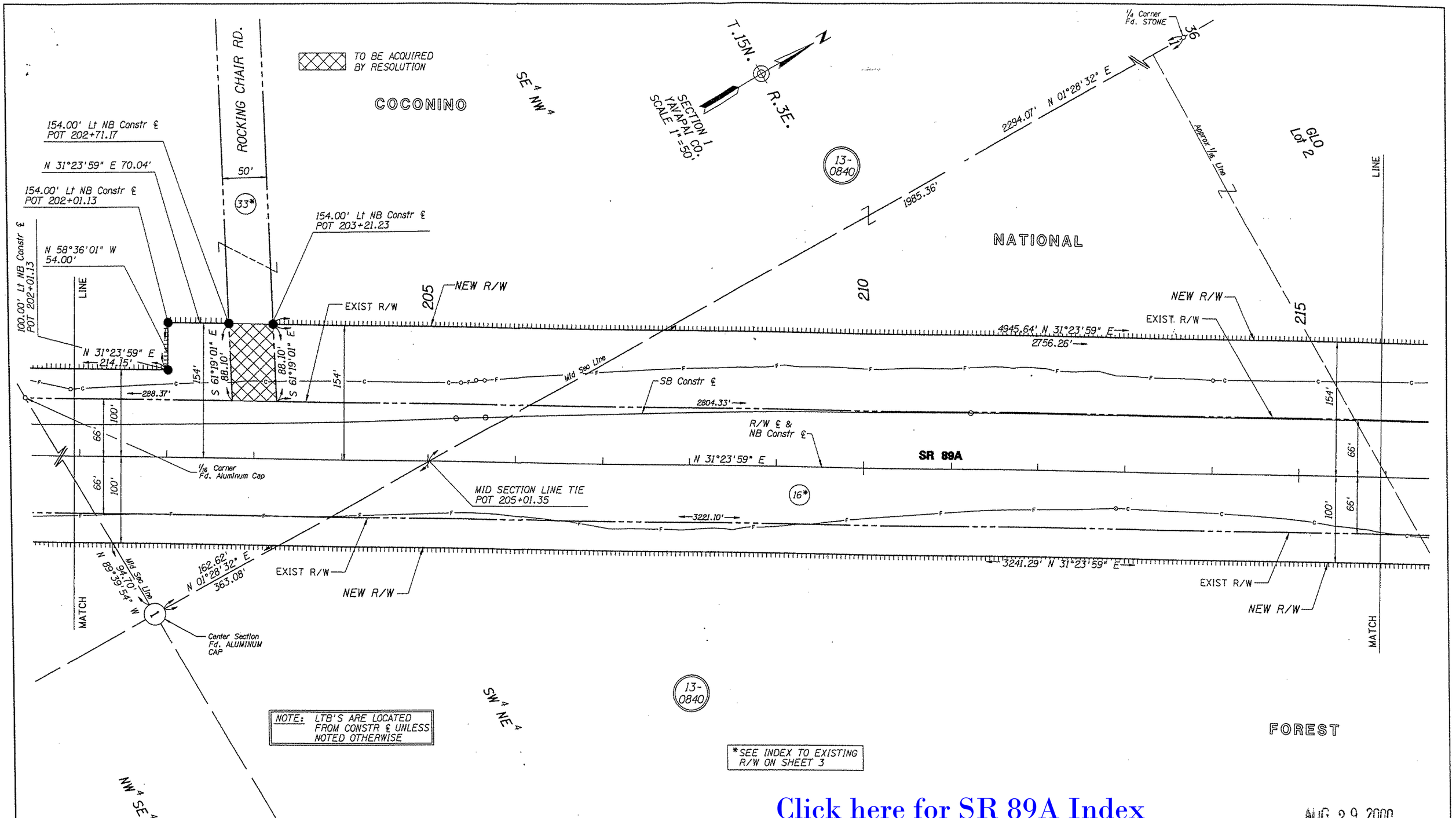
DRAWING NO.	D-13-T-445
HARD COPY	9704U
DRAWN	RPA 8-98
CHECKED	BG 8-98
RITOCH-POWELL & Associates Consulting Engineers, Inc.	
ROUTE	SECTION
SR 89A	COTTONWOOD-CORNVILLE RD.

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

HIGHWAY: PRESCOTT-FLAGSTAFF
PROJECT NO.: S-366-720
TRACS NO.: 089A YV 355 H2741 01R

ARIZONA LAND SURVEYOR
CERTIFICATE NO. 15901
JOHN W. RITOCH
ARIZONA, U.S.A.

SHEET 7 OF 19



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AUG 29 2000

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION
9424	8-3-00	RPA	ADDED ACCESS CONTROL

DRAWING NO.	D-13-T-445
HARD COPY	9704U
DRAWN	RPA 8-98
CHECKED	BG 8-98
RITOCH-POWELL & Associates Consulting Engineers, Inc.	
ROUTE	SECTION
SR 89A	COTTONWOOD-CORNVILLE RD.

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

HIGHWAY: PRESCOTT-FLAGSTAFF
PROJECT NO.: S-366-720
TRACS NO.: 089A YV 355 H2741 01R

REGISTERED LAND SURVEYOR CERTIFICATE NO. 15901 JOHN W. RITOCH ARIZONA, U.S.A.

SHEET 8 OF 19

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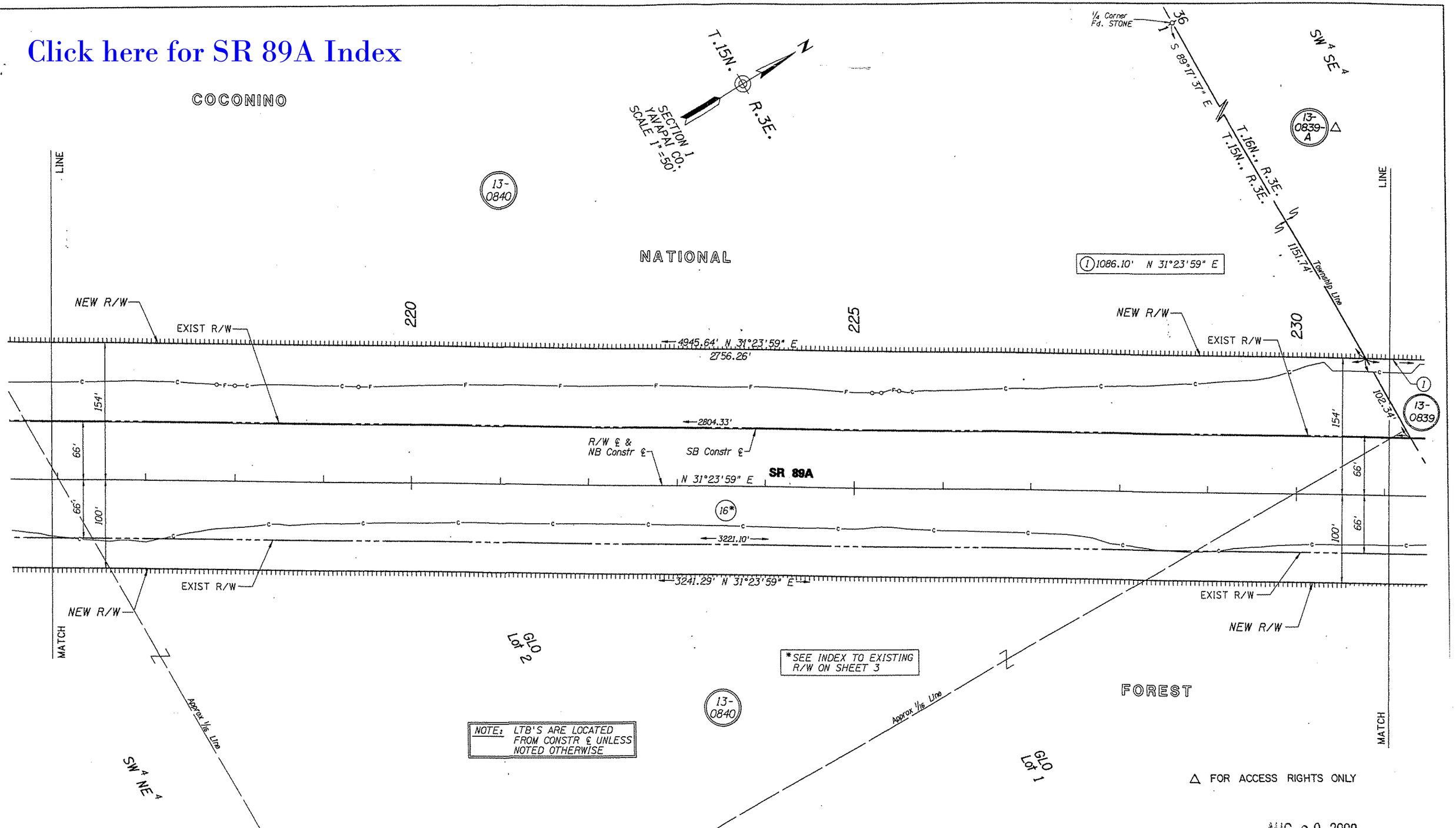

AUG 29 2000

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION
9282	11-2-98	RPA	REVISED R/W DIMENSION PARCEL 13-0839
9424	8-3-00	RPA	ADDED ACCESS CONTROL

DRAWING NO.	D-13-T-445
HARD COPY	9704U
DRAWN	RPA 8-98
CHECKED	BG 8-98
RITOCH-POWELL ~~& Associates~~ Consulting Engineers, Inc.	
ROUTE	SECTION
SR 89A	COTTONWOOD-CORNVILLE RD.

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

HIGHWAY: PRESCOTT-FLAGSTAFF
PROJECT NO.: S-366-720
TRACS NO.: 089A YV 355 H2741 01R

REGISTERED LAND SURVEYOR CERTIFICATE NO. 15901 JOHN M. RITOCH ARIZONA, U.S.A.

SHEET 9 OF 19

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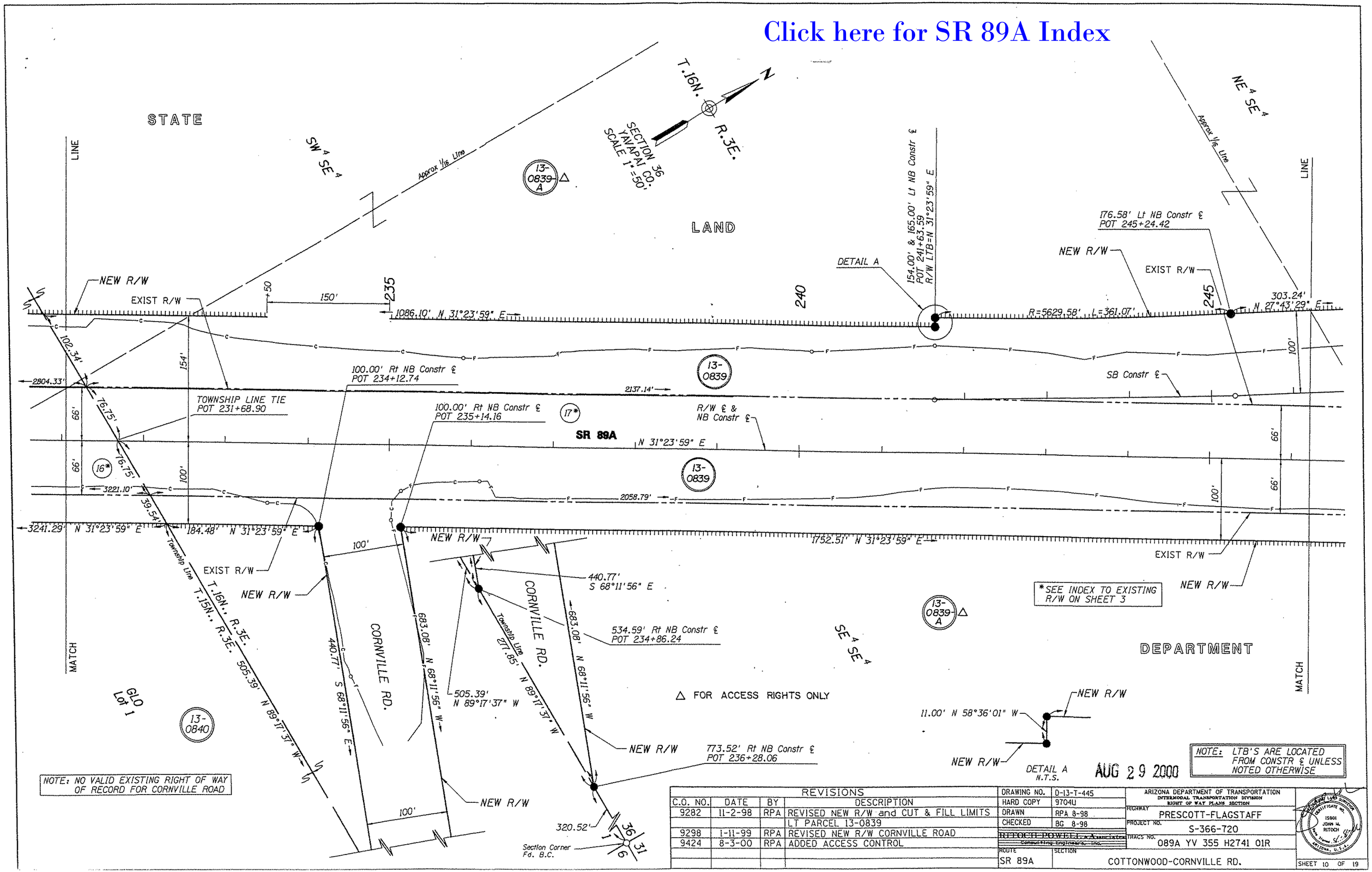


REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION
9282	11-2-98	RPA	REVISED NEW R/W and CUT & FILL LIMITS
			LT PARCEL 13-0839
9298	1-11-99	RPA	REVISED NEW R/W CORNVILLE ROAD
9424	8-3-00	RPA	ADDED ACCESS CONTROL

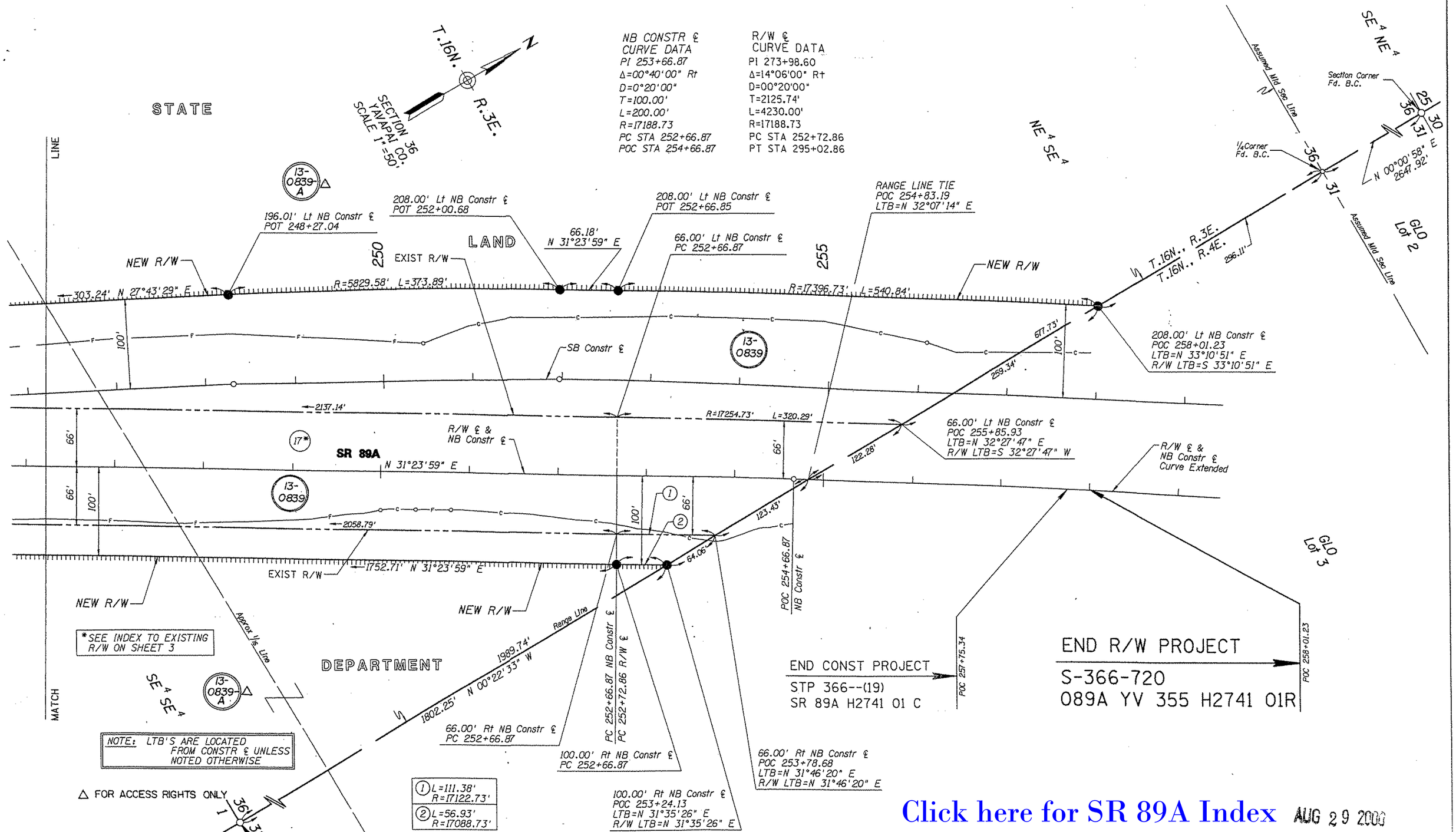
DRAWING NO.	D-13-T-445
HARD COPY	9704U
DRAWN	RPA 8-98
CHECKED	BG 8-98
~~RITOCH-POWELL & Associates Consulting Engineers, Inc.~~	
ROUTE	SECTION
SR 89A	COTTONWOOD-CORNVILLE RD.

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

HIGHWAY: PRESCOTT-FLAGSTAFF
PROJECT NO.: S-366-720
TRACS NO.: 089A YV 355 H2741 01R

REGISTERED LAND SURVEYOR
CERTIFICATE NO. 15801
JOHN M. RITOCH
Date Signed 8-29-00
ARIZONA, U.S.A.

SHEET 10 OF 19



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AUG 29 2000

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION
9282	11-2-98	RPA	REVISED NEW R/W and CUT & FILL LIMITS
			LT PARCEL 13-0839
9310	2-22-99	RPA	REVISED CONSTRUCTION PROJECT NUMBER
			& STATION
9424	8-3-00	RPA	ADDED ACCESS CONTROL

DRAWING NO.	D-13-T-445
HARD COPY	9704U
DRAWN	RPA 8-98
CHECKED	BG 8-98
RITCHIE POWELL & Associates Consulting Engineers, Inc.	
ROUTE	SECTION
SR 89A	COTTONWOOD-CORNVILLE RD.

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

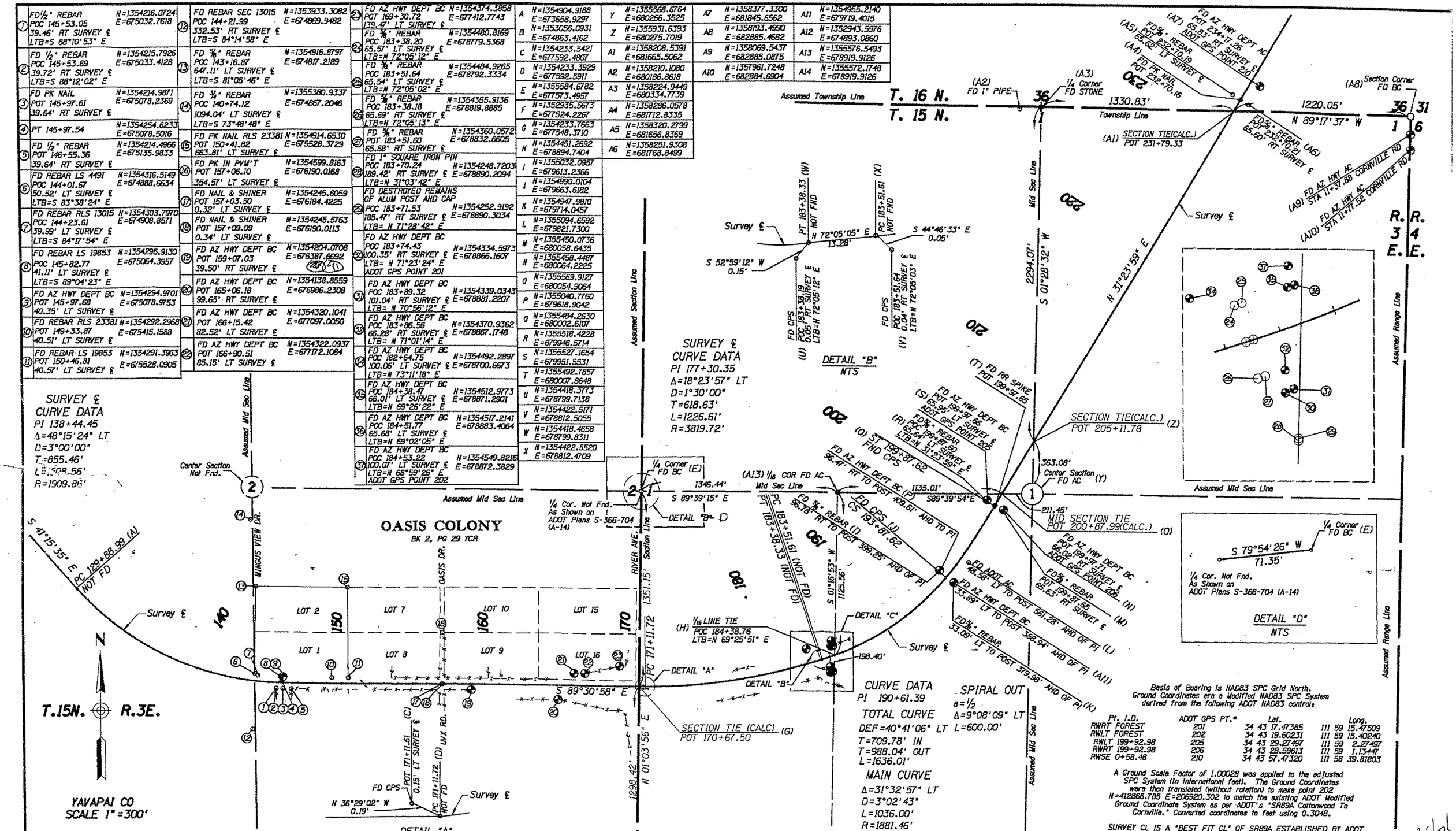
HIGHWAY: PRESCOTT-FLAGSTAFF
PROJECT NO. S-366-720
TRACS NO. 089A YV 355 H2741 01R

CERTIFICATE NO. 15901 JOHN W. RITCHIE ARIZONA, U.S.A.

SHEET 11 OF 19

1	FD 1/2" REBAR POC 145+53.05 39.46' RT SURVEY ℄ LTB=S 88°10'53" E	N=1354216.0724 E=675032.7618
2	FD 1/2" REBAR POC 145+53.69 39.72' RT SURVEY ℄ LTB=S 88°12'02" E	N=1354215.7926 E=675033.4128
3	FD PK NAIL POT 145+97.61 39.64' RT SURVEY ℄	N=1354214.9871 E=675078.2369
4	PT 145+97.54	N=1354254.6233 E=675078.5016
5	FD 1/2" REBAR POT 146+55.36 39.64' RT SURVEY ℄	N=1354214.4966 E=675135.9833
6	FD REBAR LS 4491 POC 144+01.67 50.52' LT SURVEY ℄ LTB=S 83°38'24" E	N=1354316.5149 E=674888.6634
7	FD REBAR RLS 13015 POC 144+23.61 39.99' LT SURVEY ℄ LTB=S 84°17'54" E	N=1354303.7970 E=674908.8571
8	FD REBAR LS 19853 POC 145+82.77 41.11' LT SURVEY ℄ LTB=S 89°04'23" E	N=1354295.9130 E=675064.3957
9	FD AZ HWY DEPT BC POT 145+97.68 40.35' LT SURVEY ℄	N=1354294.9701 E=675078.9753
10	FD REBAR RLS 23381 POT 149+33.87 40.51' LT SURVEY ℄	N=1354292.2968 E=675415.1588
11	FD REBAR LS 19853 POT 150+46.81 40.57' LT SURVEY ℄	N=1354291.3963 E=675528.0905
12	FD REBAR SEC 13015 POC 144+21.99 332.53' RT SURVEY ℄ LTB=S 84°14'58" E	N=1353933.3082 E=674869.9482
13	FD 5/8" REBAR POC 143+16.87 647.11' LT SURVEY ℄ LTB=S 81°05'46" E	N=1354916.8797 E=674817.2189
14	FD 3/4" REBAR POC 140+74.12 1094.04' LT SURVEY ℄ LTB=S 73°48'48" E	N=1355380.9337 E=674867.2046
15	FD PK NAIL RLS 23381 POT 150+41.82 663.81' LT SURVEY ℄	N=1354914.6530 E=676528.3729
16	FD PK IN PVM'T POT 157+06.10 354.57' LT SURVEY ℄	N=1354599.8163 E=676190.0168
17	FD NAIL & SHINER POT 157+03.50 0.32' LT SURVEY ℄	N=1354245.6059 E=676184.4225
18	FD NAIL & SHINER POT 157+09.09 0.34' LT SURVEY ℄	N=1354245.5763 E=676190.0113
19	FD AZ HWY DEPT BC POT 159+07.03 39.50' RT SURVEY ℄	N=1354204.0708 E=676387.6092
20	FD AZ HWY DEPT BC POT 165+06.18 99.65' RT SURVEY ℄	N=1354138.8559 E=676986.2308
21	FD AZ HWY DEPT BC POT 166+15.42 82.52' LT SURVEY ℄	N=1354320.1041 E=677097.0050
22	FD AZ HWY DEPT BC POT 166+90.51 85.15' LT SURVEY ℄	N=1354322.0937 E=677172.1084
23	FD AZ HWY DEPT BC POT 169+30.72 139.47' LT SURVEY ℄	N=1354374.3858 E=677412.7743
24	FD 5/8" REBAR POC 183+38.20 65.57' LT SURVEY ℄ LTB=N 72°05'12" E	N=1354480.8169 E=678779.5368
25	FD 5/8" REBAR POC 183+51.64 65.54' LT SURVEY ℄ LTB=N 72°05'02" E	N=1354484.9265 E=678792.3334
26	FD 5/8" REBAR POC 183+38.18 65.69' RT SURVEY ℄ LTB=N 72°05'13" E	N=1354355.9136 E=678819.8885
27	FD 5/8" REBAR POT 183+51.60 65.68' RT SURVEY ℄	N=1354360.0572 E=678832.6605
28	FD 1" SQUARE IRON PIN POC 183+70.24 189.42' RT SURVEY ℄ LTB=N 31°03'42" E	N=1354248.7203 E=678890.2094
29	FD DESTROYED REMAINS OF ALUM POST AND CAP POC 183+71.53 185.47' RT SURVEY ℄ LTB= N 71°28'42" E	N=1354252.9192 E=678890.3034
30	FD AZ HWY DEPT BC POC 183+74.43 100.35' RT SURVEY ℄ LTB= N 71°23'24" E ADOT GPS POINT 201	N=1354334.5973 E=678866.1607
31	FD AZ HWY DEPT BC POC 183+89.32 101.04' RT SURVEY ℄ LTB= N 70°56'12" E	N=1354339.0343 E=678881.2207
32	FD AZ HWY DEPT BC POC 183+86.56 66.28' RT SURVEY ℄ LTB= N 71°01'14" E	N=1354370.9362 E=678867.1748
33	FD AZ HWY DEPT BC POC 182+64.75 100.06' LT SURVEY ℄ LTB=N 73°11'18" E	N=1354492.2897 E=678700.6673
34	FD AZ HWY DEPT BC POC 184+38.47 66.01' LT SURVEY ℄ LTB=N 69°26'22" E	N=1354512.9773 E=678871.2901
35	FD AZ HWY DEPT BC POC 184+51.77 65.68' LT SURVEY ℄ LTB=N 69°02'05" E	N=1354517.2141 E=678883.4064
36	FD AZ HWY DEPT BC POC 184+53.22 100.07' LT SURVEY ℄ LTB=N 68°59'26" E ADOT GPS POINT 202	N=1354549.8216 E=678872.3829

A	N=1354904.9188 E=673658.9297	Y	N=1355568.6764 E=680266.3525	A7	N=1358377.3300 E=681845.6562	A11	N=1354955.2140 E=679719.4015
B	N=1353056.0931 E=674863.4162	Z	N=1355931.6393 E=680275.7019	A8	N=1358193.4990 E=682885.4682	A12	N=1352943.5976 E=674893.0860
C	N=1354233.5421 E=677592.4807	A1	N=1358208.5391 E=681665.5062	A9	N=1358069.5437 E=682885.0875	A13	N=1355576.5493 E=678919.9126
D	N=1354233.3929 E=677592.5911	A2	N=1358210.1080 E=680186.8618	A10	N=1357961.7248 E=682884.6904	A14	N=1355572.1748 E=678919.9126
E	N=1355584.6782 E=677573.4957	A3	N=1358224.9449 E=680334.7739				
F	N=1352935.5673 E=677524.2267	A4	N=1358286.0578 E=681712.8335				
G	N=1354233.7663 E=677548.3710	A5	N=1358320.2799 E=681656.8369				
H	N=1354451.2692 E=678894.7404	A6	N=1358251.9308 E=681768.8499				
I	N=1355032.0957 E=679613.2366						
J	N=1354990.0104 E=679663.6182						
K	N=1354947.9810 E=679714.0457						
L	N=1355094.6592 E=679821.7300						
M	N=1355450.0736 E=680058.6435						
N	N=1355458.4487 E=680064.2225						
O	N=1355569.9127 E=680054.9064						
P	N=1355040.7760 E=679618.9042						
Q	N=1355484.2630 E=680002.6107						
R	N=1355518.4228 E=679946.5714						
S	N=1355527.1654 E=679951.5531						
T	N=1355492.7857 E=680007.8648						
U	N=1354418.3713 E=678799.7138						
V	N=1354422.5171 E=678812.5055						
W	N=1354418.4658 E=678799.8311						
X	N=1354422.5520 E=678812.4709						



Basis of Bearing Is NAD83 SPC Grid North.
Ground Coordinates are a Modified NAD83 SPC System derived from the following ADOT NAD83 controls

Pt. I.D.	ADOT GPS PT.*	Lat.	Long.
RWRT FOREST	201	34 43 17.47385	111 59 15.47509
RWLT FOREST	202	34 43 19.60231	111 59 15.40240
RWLT 199+92.98	205	34 43 29.27497	111 59 2.27497
RWRT 199+92.98	206	34 43 28.59613	111 59 1.13447
RWSE 0+58.48	210	34 43 57.47320	111 58 39.81803

A Ground Scale Factor of 1.00028 was applied to the adjusted SPC System (in International feet). The Ground Coordinates were then translated (without rotation) to make point 202 N=412866.785 E=206920.302 to match the existing ADOT Modified Ground Coordinate System as per ADOT's "SR89A Cottonwood To Cornville." Converted coordinates to feet using 0.3048.

SURVEY CL IS A "BEST FIT CL" OF SR89A ESTABLISHED BY ADOT

REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION

DRAWING NO.	D-13-T-445
HARD COPY	
DRAWN	RPA
CHECKED	BEN GURNEY
RITOCH POWELL & Associates Consulting Engineers, Inc.	
ROUTE	SECTION
SR 89A	COTTONWOOD-CORNVILLE RD.

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

HIGHWAY: COTTONWOOD-SEDONA
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