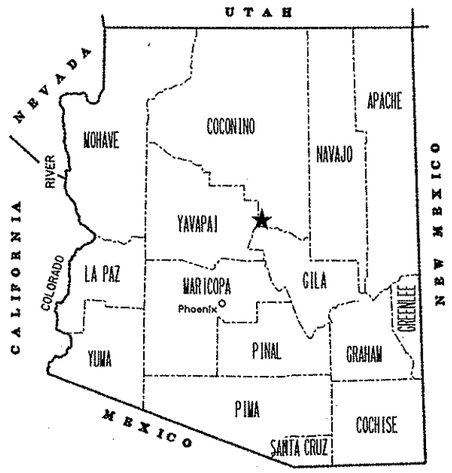
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	FINALIZED PLANS
9	ARIZ.		1	41	



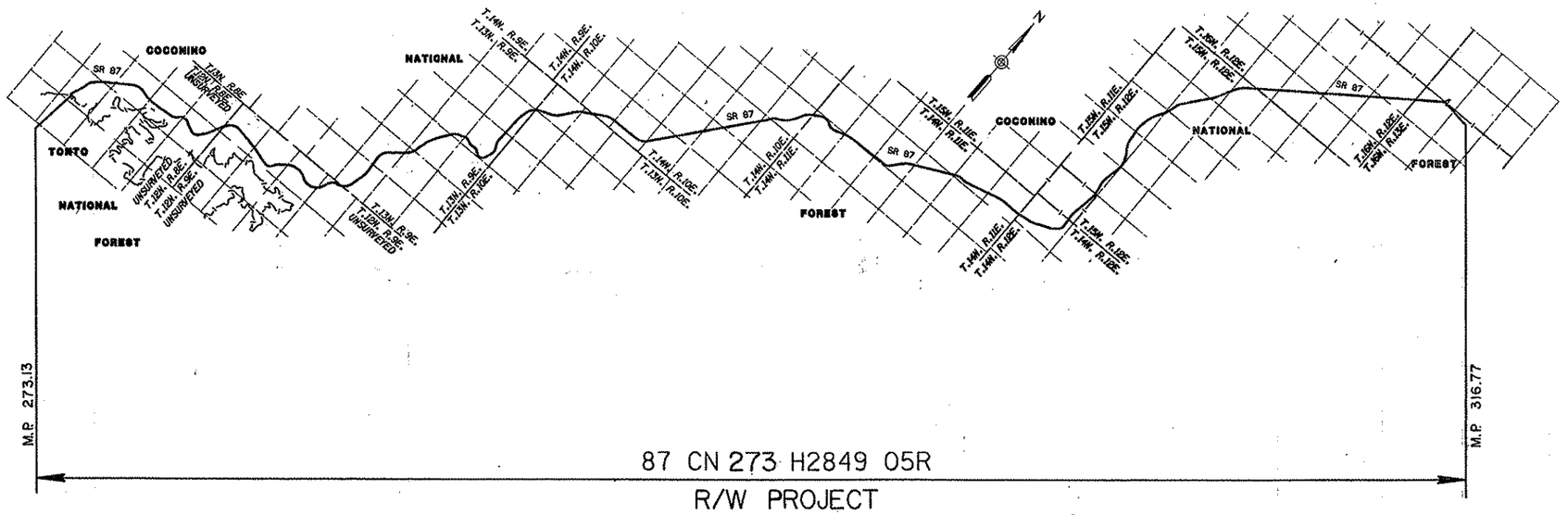
STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

RIGHT OF WAY PLAN OF THE

PAYSON - WINSLOW HIGHWAY
GILA COUNTY LINE - FOREST BOUNDARY
87 CN 273 H2849 05R
F-073-1-719

LENGTH OF PROJECT 39.86 MILES DISTRICT 3 & 4

Click here for SR 87 Index



PUBLIC HEARING REQUIREMENTS CERTIFIED	N/A
ENVIRONMENTAL CLEARANCE	N/A
C & S REVIEW	N/A
BID SET REVIEW	N/A

ARIZONA DEPARTMENT OF TRANSPORTATION BOARD
APPROVED FOR RIGHT OF WAY ACQUISITION IN ACCORDANCE
WITH RESOLUTION 92-11-A-74 DATED 11-20-92
THOMAS A. BRYANT, II STATE ENGINEER
2001-11-A-081 11-16-2001
APPROVED IN ACCORDANCE WITH ROADWAY PLANS
DATE 4-9-93
CHIEF R/W AGENT
Robert Helman Sellers

U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED DATE
DIVISION ADMINISTRATOR

DRAWING NO. D-3-T-653
SHEET NO. 1 OF 41

OWNERSHIP 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.	ACQUISITION RECORD CHIEF R/W AGENT APPROVAL	INSTRUMENT TYPE	INSTRUMENT DATE	RECORDED DATE	RECORDED DOCUMENT
3-384	U.S.A. (COCONINO NATIONAL FOREST)	PT. SEC. 1,9,10,11,12,16, T.12N., R8E. PT. SEC. 3,4,5,6, T.12N., R9E. PT. SEC. 1,12,13,14,23,26,27,34, T.13N., R9E. PT. SEC. 5,6,7, T.13N., R10E. PT. SEC. 13,23,24,26,27,34, T.14N., R10E. PT. SEC. 1,2,3,8,9,10,17,18, T.14N., R11E. PT. SEC. 6, T.14N., R12E. PT. SEC. 4,5,8,17,18,19,20,29,30, T.15N., R12E. PT. SEC. 24,25,26,27,34, T.16N., R12E. PT. SEC. 19, T.16N., R13E. GILA AND SALT RIVER MERIDIAN COCONINO COUNTY, ARIZONA			953.2 AC.									
① 3-384-A	U.S.A. (COCONINO NATIONAL FOREST)	PT. NE4 SW4 SEC. 6, T.12N., R9E. PT. NW4 SE4 SEC. 6, T.12N., R9E.			145048 S.F.				11					

① NEW R/W TO BE ACQUIRED FOR CONSTRUCTION
PROJECT 087 CN 278 H4571 01R

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION
9521	10/12/01	D.E.S.	ADD NEW R/W PARCEL 3-384-A & NOTE ①

DRAWING NO.	D-3-T-653	
HARD COPY		
DRAWN/DATE	E.J.B.	8/90
CHECKED/DATE	S.P.A.	8/90

ACEVEDO PATEL & ASSOCIATES

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: PAYSON - WINSLOW
PROJECT NO. F-073-1-719
ROUTE
LOCATION: GILA COUNTY LINE - FOREST BOUNDARY

SHEET 2 OF 41

TRACS NO. 87 CN 273 H2849 05R

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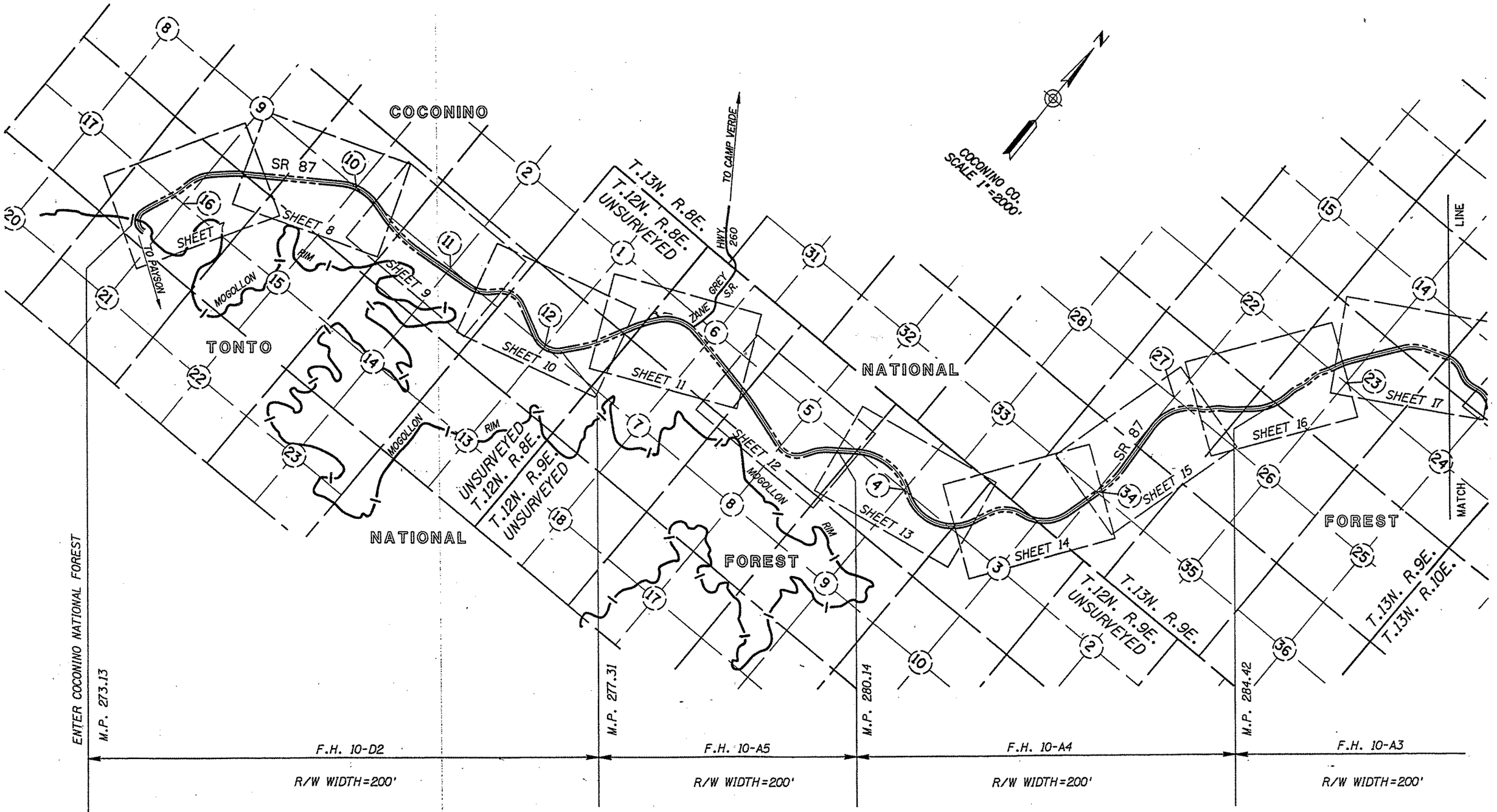


VICINITY MAP

Click here for SR 87 Index

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

DRAWING NO.	D-3-T-653
HARD COPY	
DRAWN/DATE	E.J.B. 8/90
CHECKED/DATE	S.P.A. 8/90

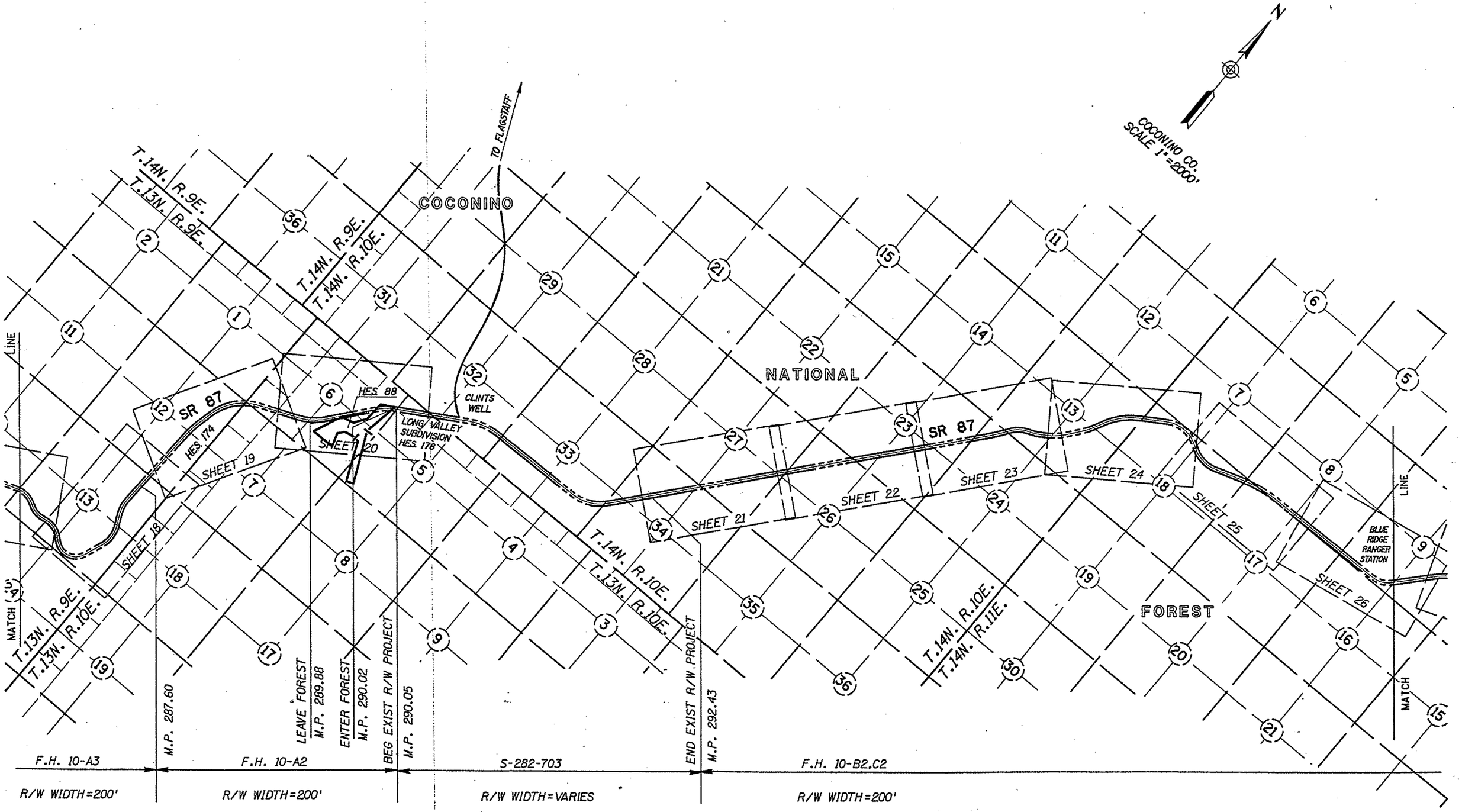
ACEVEDO PATEL & ASSOCIATES CONSULTING ENGINEERS
8433 N. Black Canyon Highway Suite # 180 Phoenix, Arizona 85021 Phone (602) 995-8171

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY	PAYSON - WINSLOW
PROJECT NO.	F-073-1-719
ROUTE	SR 87
LOCATION	GILA COUNTY LINE - FOREST BOUNDARY

REGISTERED LAND SURVEYOR CERTIFICATE NO. 14211 JAMES A. SIGNATURE ARIZONA U.S.A.

*****OGN=SPECIFICATION***** VIEW NAME=



VICINITY MAP

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C.O. NO.	DATE	BY	DESCRIPTION

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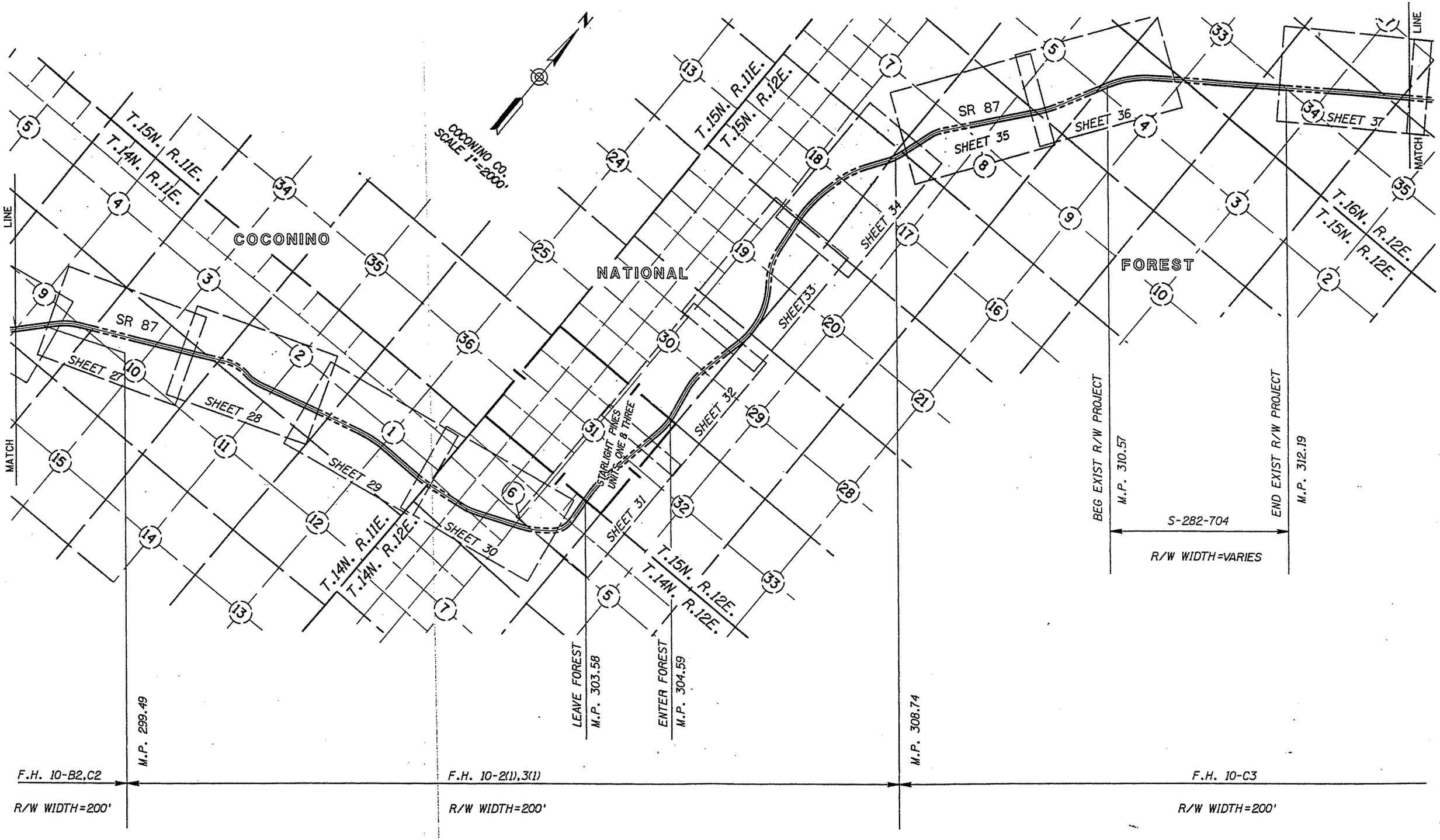
ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

ACEVEDO PATEL & ASSOCIATES — 9433 N. Black Canyon Highway, Suite # 160, Phoenix, Arizona 85021, Phone (602) 995-8171

HIGHWAY: PAYSON - WINSLOW
PROJECT NO.: F-073-1-719
ROUTE: SR 87
LOCATION: GILA COUNTY LINE - FOREST BOUNDARY

SHEET 4 OF 41



VICINITY MAP

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REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

DRAWING NO.	D-3-T-653	
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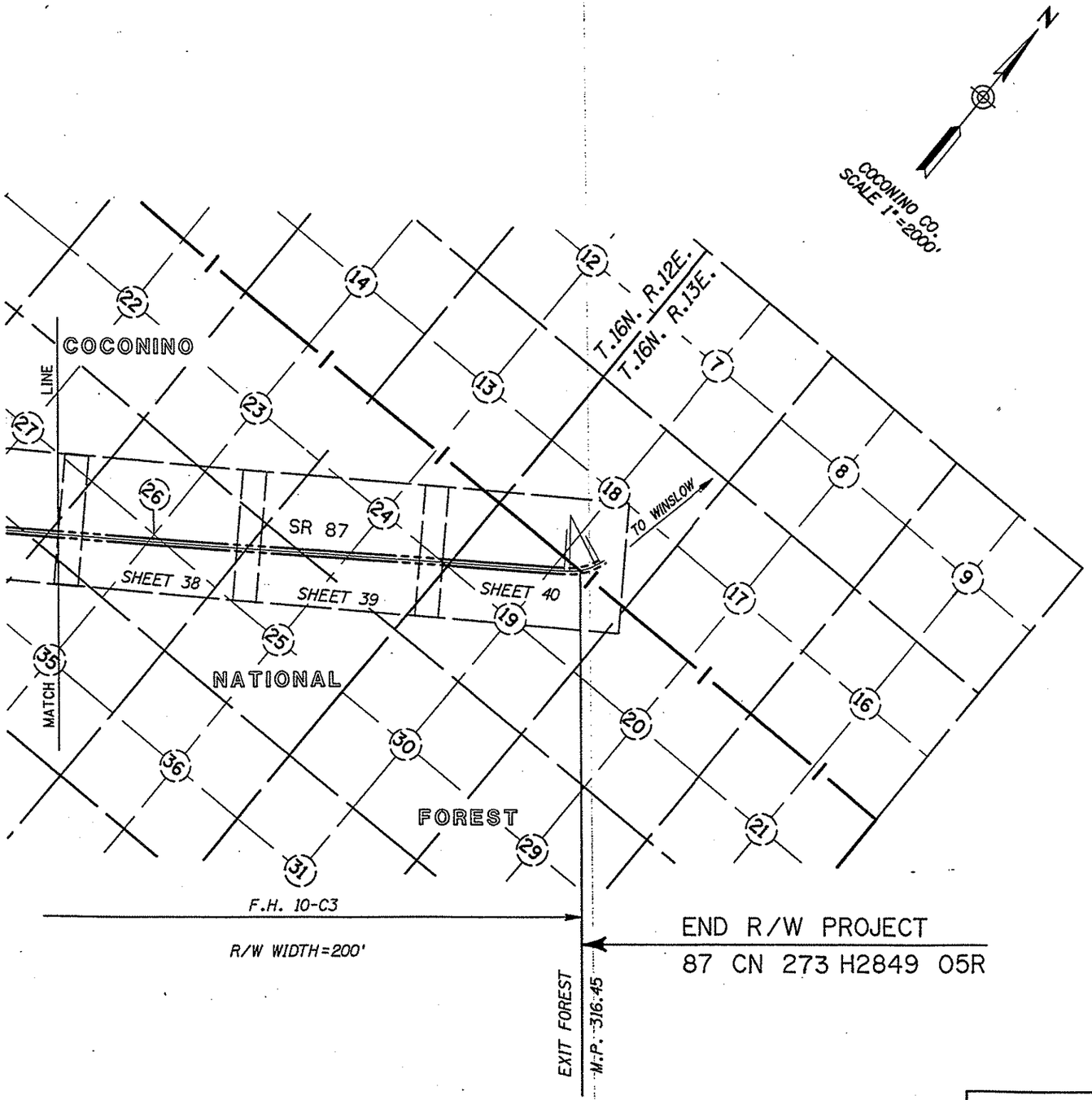
ROUTE	SR 87	
LOCATION	GILA COUNTY LINE - FOREST BOUNDARY	

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: PAYSON - WINSLOW

PROJECT NO. F-073-1-719

SHEET 5 OF 41



VICINITY MAP

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ROUTE	SR 87	
LOCATION	GILA COUNTY LINE - FOREST BOUNDARY	

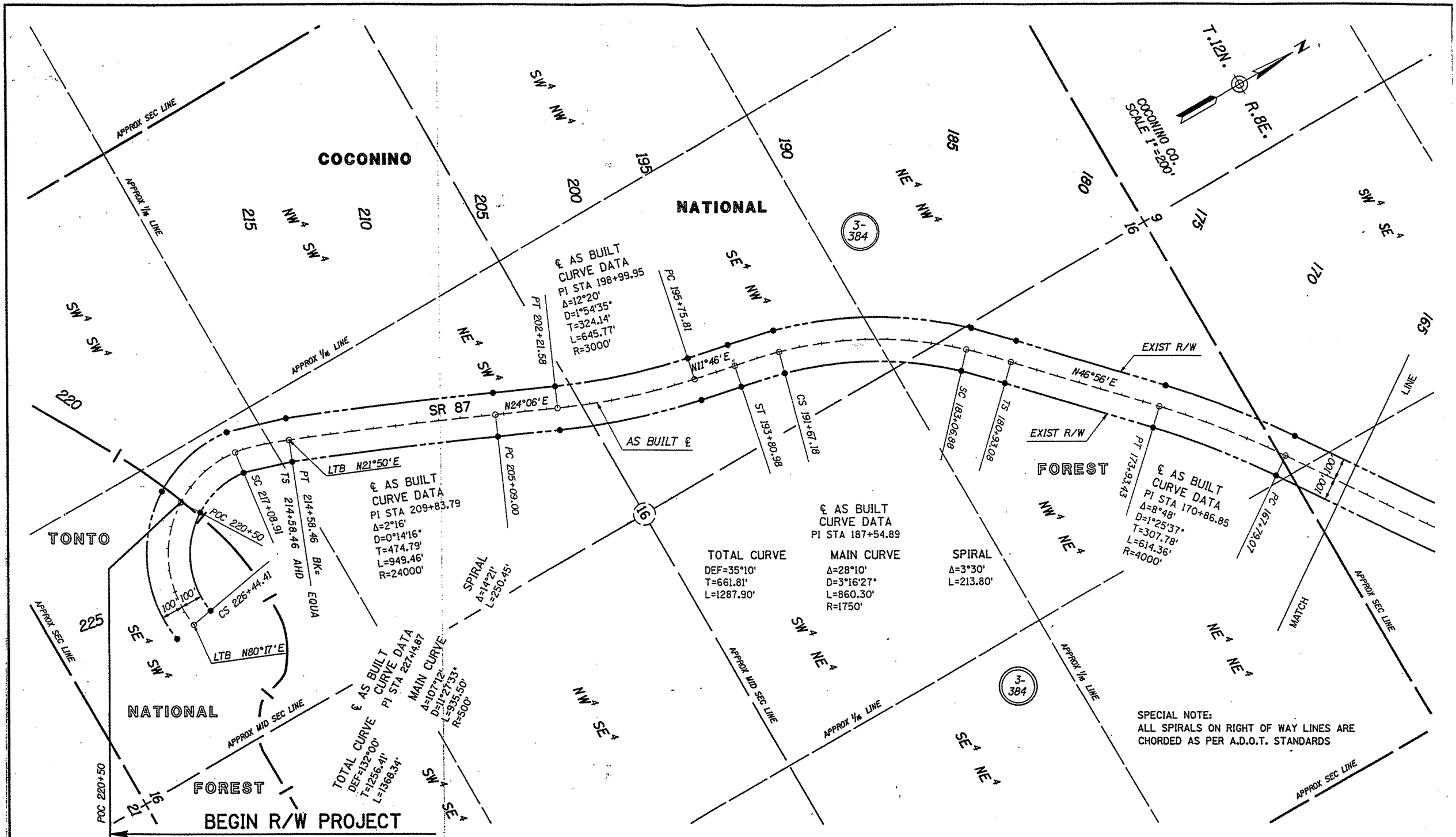
ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: PAYSON - WINSLOW

PROJECT NO. F-073-1-719

SHEET 6 OF 41

*****OGN*SPECIFICATION***** VIEW NAME:



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ROUTE	SR 87	
LOCATION	GILA COUNTY LINE - FOREST BOUNDARY	

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: PAYSON - WINSLOW

PROJECT NO. F-073-1-719

SHEET 7 OF 41

N

T.12N. R.8E.

COCONINO CO.
SCALE 1"=200'

COCONINO

NATIONAL

FOREST

3-384

APPROX MID SEC LINE

APPROX 1/16 LINE

APPROX SEC LINE

NE¼ SE¼ | SW¼ NW¼ | SE¼ NW¼ | SW¼ NE¼

NW¼ SW¼ | SW¼ SW¼ | SE¼ SW¼ | NE¼ SW¼ | NW¼ SE¼ | SE¼ SE¼

150 155 160 165 145 140 135 130 125 120 115 110 105

9 10 16 15

MATCH LINE

EXIST R/W

SR 87

N55°44'E

100'|100'

AS BUILT ℄

10

ST 127+38.14

CS 124+69.69

℄ AS BUILT CURVE DATA
PI STA 117+76.06

TOTAL CURVE
DEF=49°40'00"
T=1083.51'
L=2045.59'

MAIN CURVE
Δ=42°10'00"
D=2°47'42"
L=1508.69'
R=2050'

SPIRAL
Δ=3°45'
L=268.45'

SC 109+61.00

TS 106+92.55

100'|100'

S74°36'E

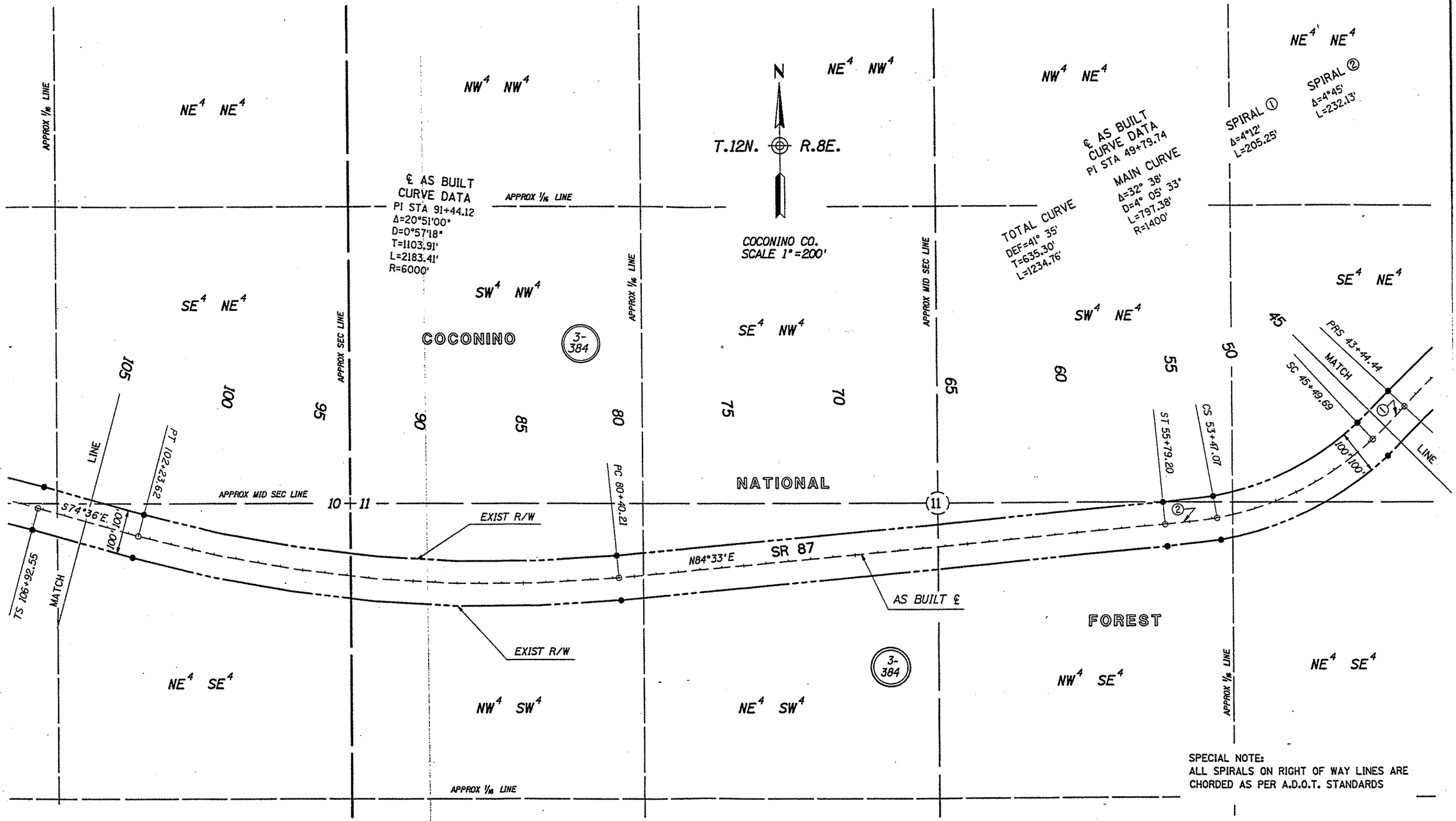
PT 102+23.62

SPECIAL NOTE:
ALL SPIRALS ON RIGHT OF WAY LINES ARE CHORDED AS PER A.D.O.T. STANDARDS

Click here for SR 87 Index

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

DRAWING NO.	D-3-T-653	ARIZONA DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION RIGHT OF WAY PLANS SERVICES	
HARD COPY			
DRAWN/DATE	E.J.B. 8/90		
CHECKED/DATE	S.P.A. 8/90	HIGHWAY	PAYSON - WINSLOW
ACEVEDO PATEL & ASSOCIATES	8433 N. Black Canyon Highway Suite # 180 Phoenix, Arizona 85021 Phone (602) 995-8171	PROJECT NO.	F-073-1-719
ROUTE	SR 87	LOCATION	GILA COUNTY LINE - FOREST BOUNDARY
			SHEET 8 OF 41



SPECIAL NOTE:
ALL SPIRALS ON RIGHT OF WAY LINES ARE CHORDED AS PER A.D.O.T. STANDARDS

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C.O. NO.	DATE	BY	DESCRIPTION

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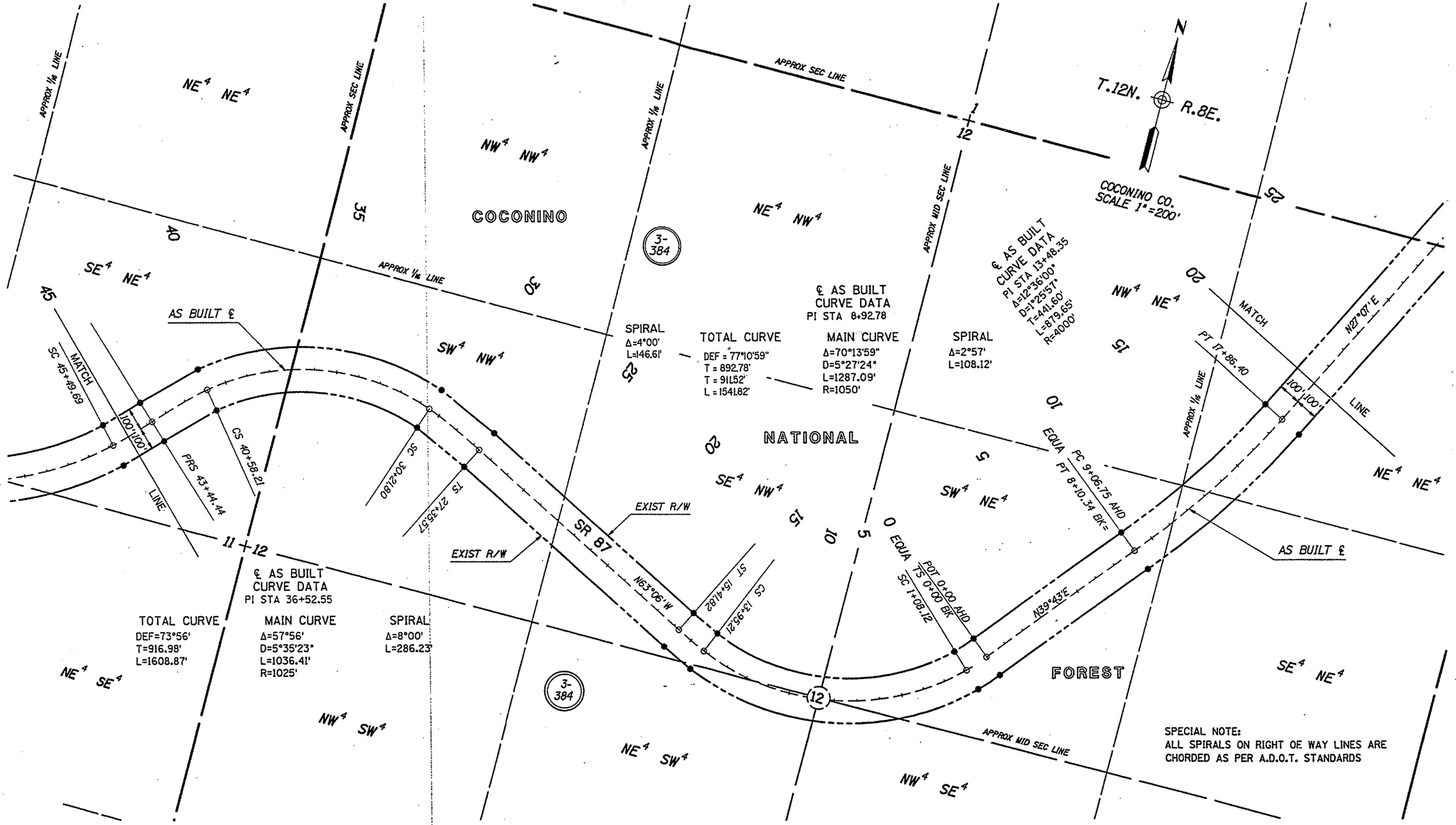
ROUTE	SR 87	
LOCATION	GILA COUNTY LINE - FOREST BOUNDARY	

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: PAYSON - WINSLOW
PROJECT NO. F-073-1-719

SHEET 9 OF 41



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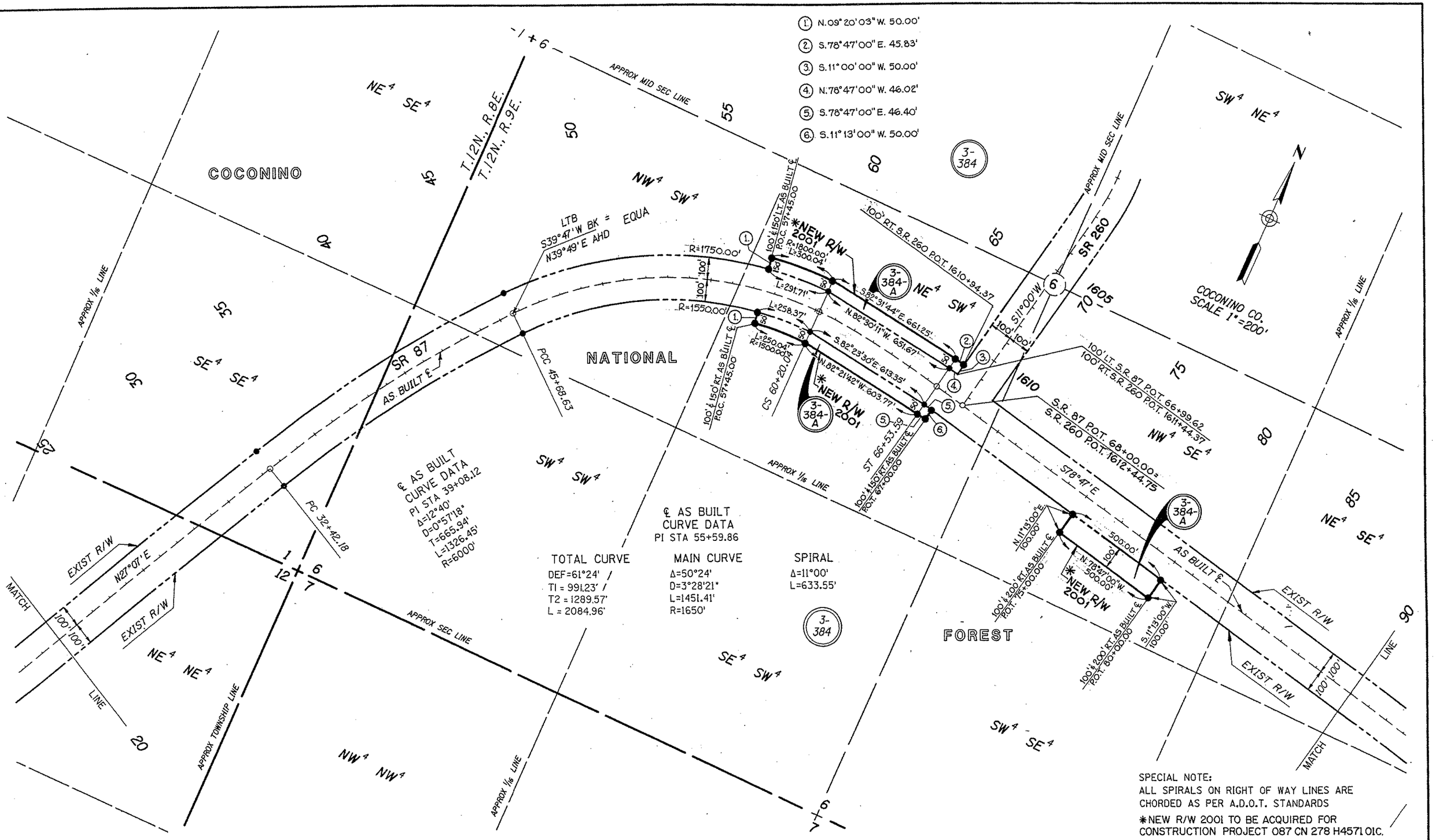
REVISIONS				DRAWING NO.	D-3-T-653	ARIZONA DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION RIGHT OF WAY PLANS SERVICES
C.O. NO.	DATE	BY	DESCRIPTION	HARD COPY		
				DRAWN/DATE	E.J.B. 8/90	
				CHECKED/DATE	S.P.A. 8/90	HIGHWAY PAYSON - WINSLOW
				ACEVEDO PATEL & ASSOCIATES	8433 N. Black Canyon Highway Suite F 360 Phoenix, Arizona 85021 Phone (602) 395-8171	PROJECT NO. F-073-1-719
				ROUTE SR 87	LOCATION GILA COUNTY LINE - FOREST BOUNDARY	SHEET 10 OF 41

REGISTERED LAND SURVEYOR
CERTIFICATE NO. 22911
STEVEN P. ACEVEDO
11-14-91
ARIZONA U.S.A.



REVISIONS				DRAWING NO.	D-3-T-653	ARIZONA DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION RIGHT OF WAY PLANS SERVICES
C.O. NO.	DATE	BY	DESCRIPTION	HARD COPY		
9521	10/12/01	D.E.S.	ADD NEW R/W 2001 PARCEL 3-384-A	DRAWN/DATE	E.J.B. 8/90	
				CHECKED/DATE	S.P.A. 8/90	HIGHWAY PAYSON - WINSLOW
				ACEVEDO PATEL & ASSOCIATES CONSULTING ENGINEERS	8433 N. Black Canyon Highway Suite 190 Phoenix, Arizona 85021 Phone (602) 995-5171	PROJECT NO. F-073-1-719
				ROUTE	LOCATION	

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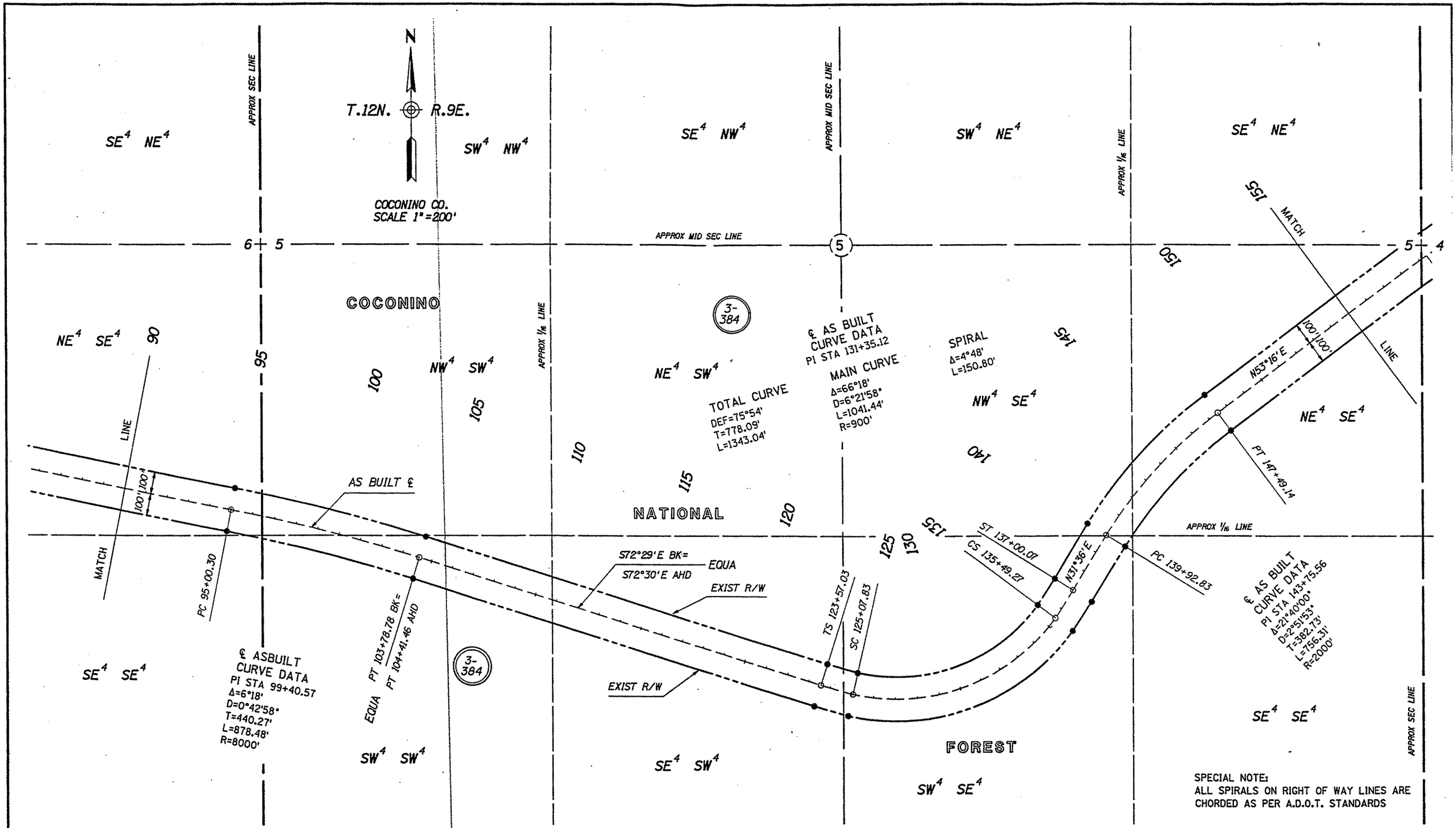

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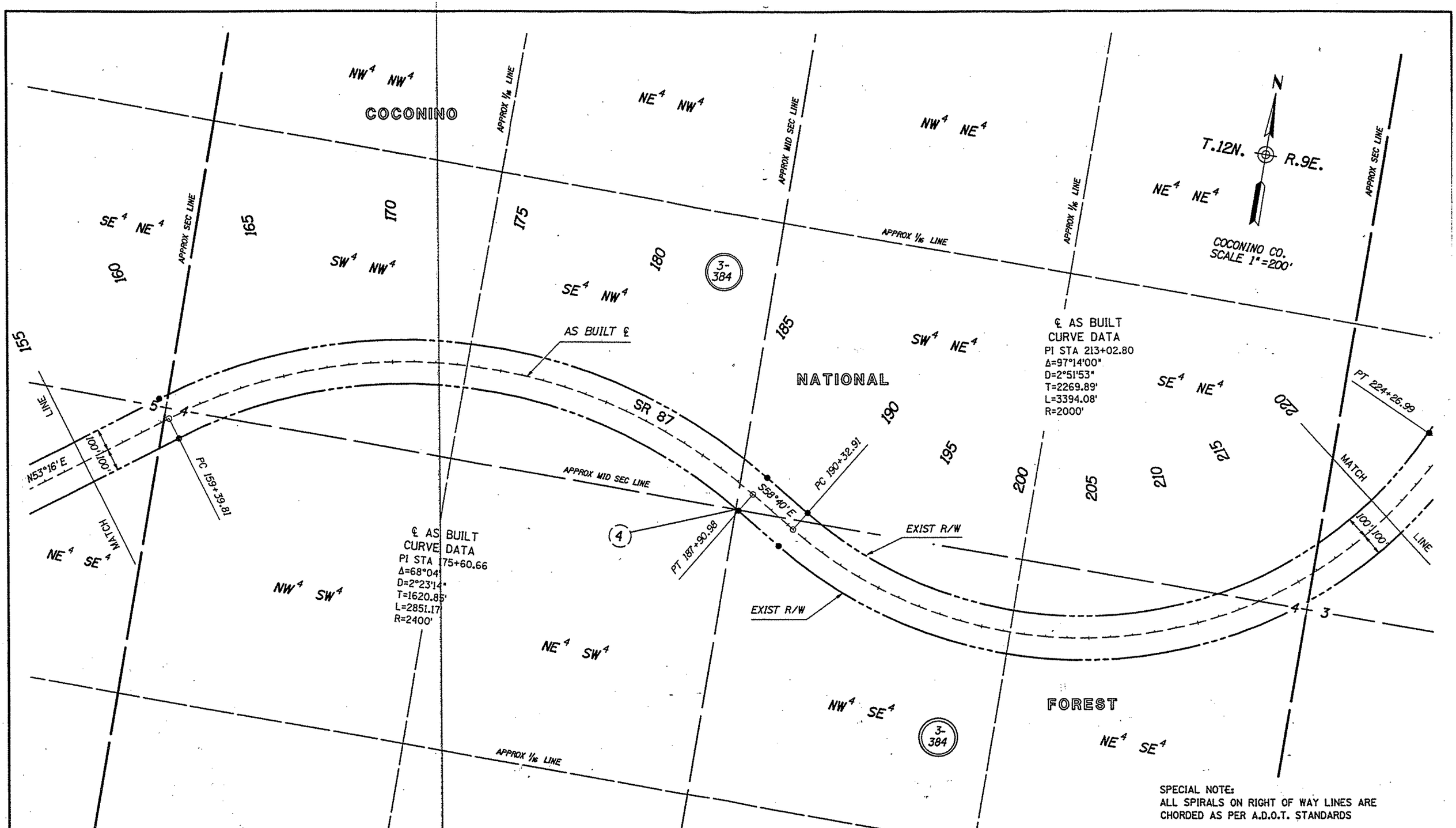
ROUTE	SR 87	
LOCATION	GILA COUNTY LINE - FOREST BOUNDARY	

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: PAYSON - WINSLOW

PROJECT NO. F-073-1-719

SHEET 12 OF 41



SPECIAL NOTE:
ALL SPIRALS ON RIGHT OF WAY LINES ARE CHORDED AS PER A.D.O.T. STANDARDS

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

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ROUTE	SR 87	

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: PAYSON - WINSLOW

PROJECT NO. F-073-1-719

LOCATION: GILA COUNTY LINE - FOREST BOUNDARY

SHEET 13 OF 41

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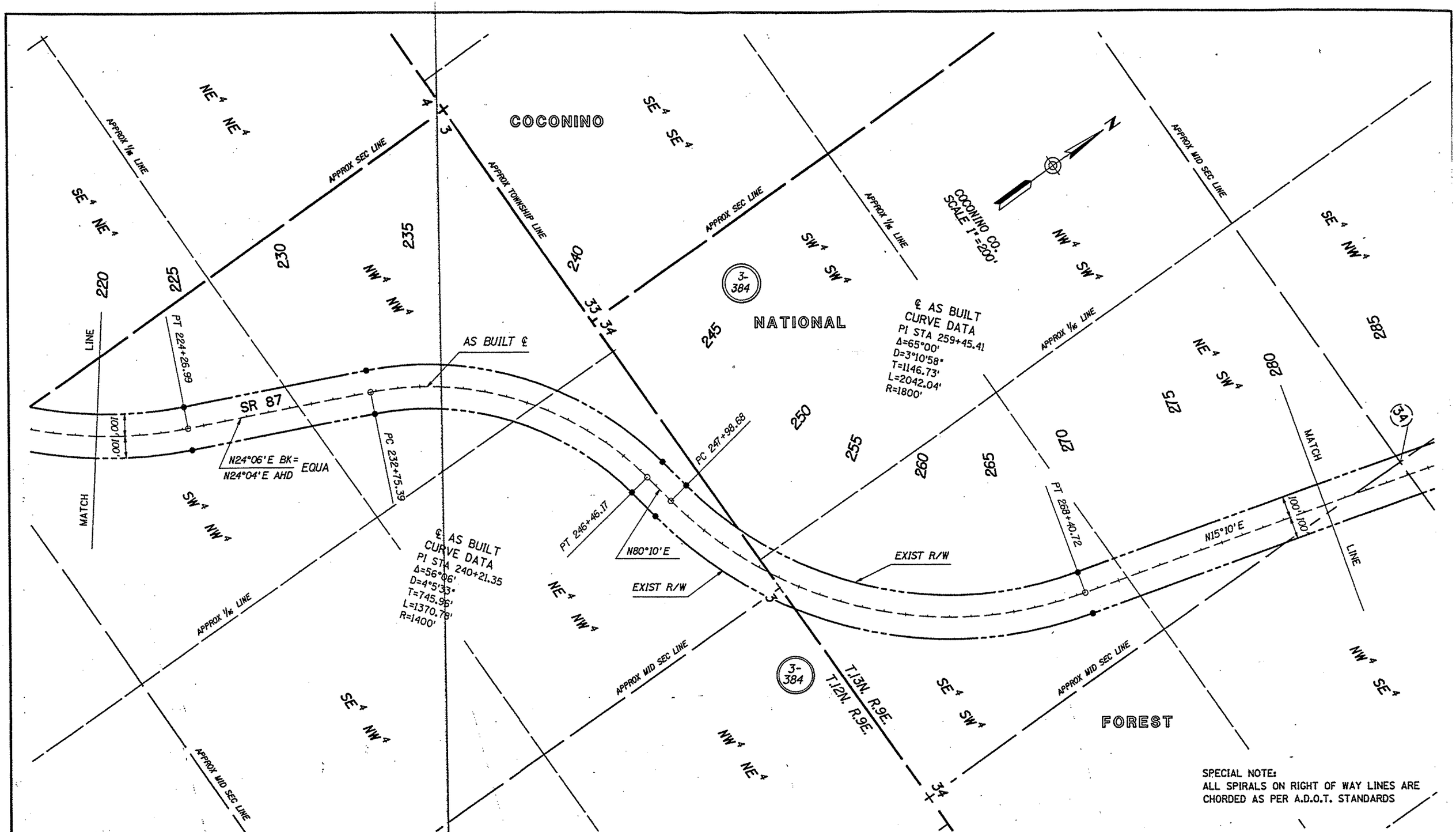

REVISIONS			
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ROUTE	SR 87	
LOCATION	GILA COUNTY LINE - FOREST BOUNDARY	

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: PAYSON - WINSLOW

PROJECT NO.: F-073-1-719

SHEET 14 OF 41

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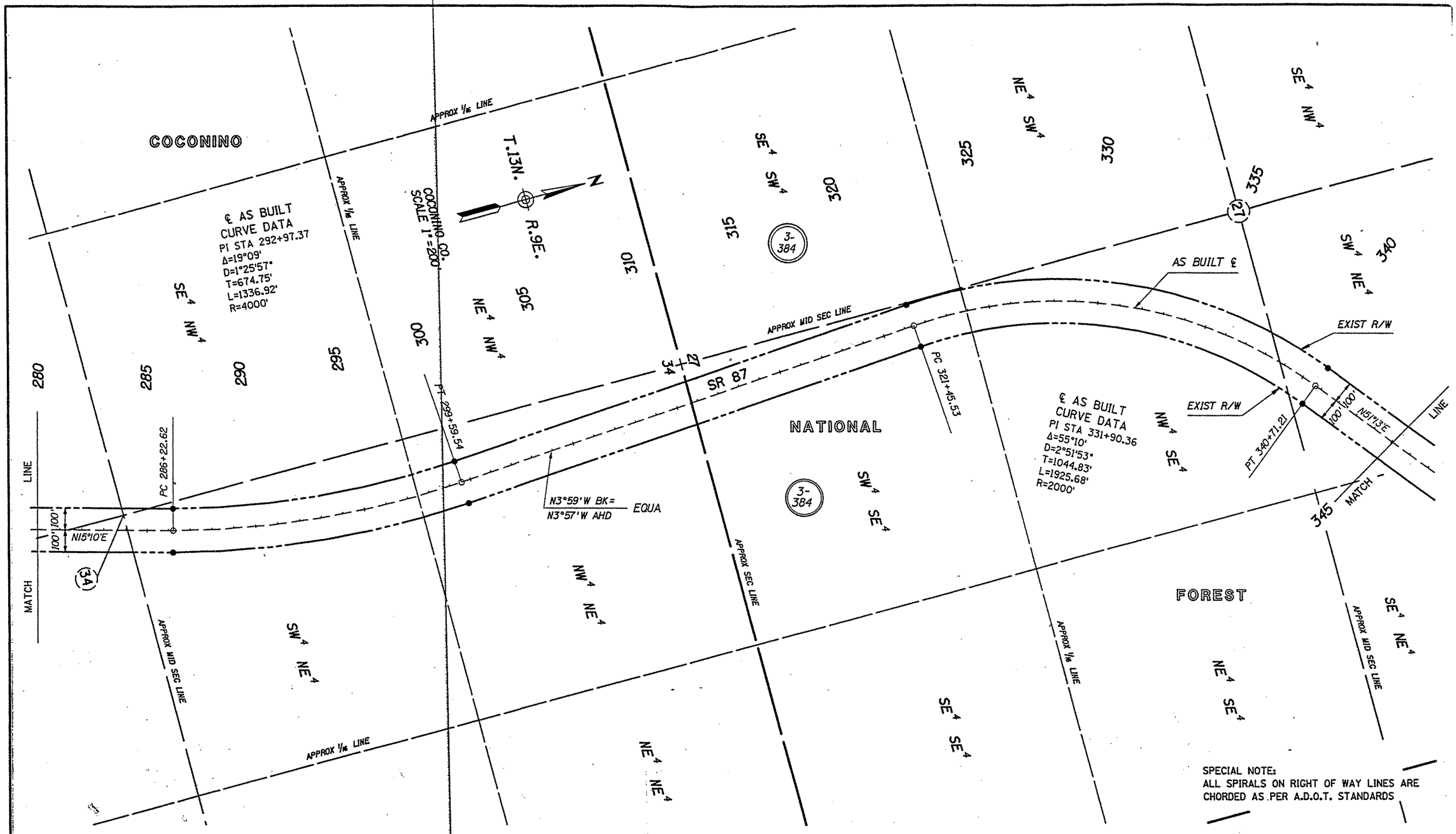

REVISIONS			
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ROUTE	SR 87	
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ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: PAYSON - WINSLOW

PROJECT NO. F-073-1-719

SHEET 15 OF 41

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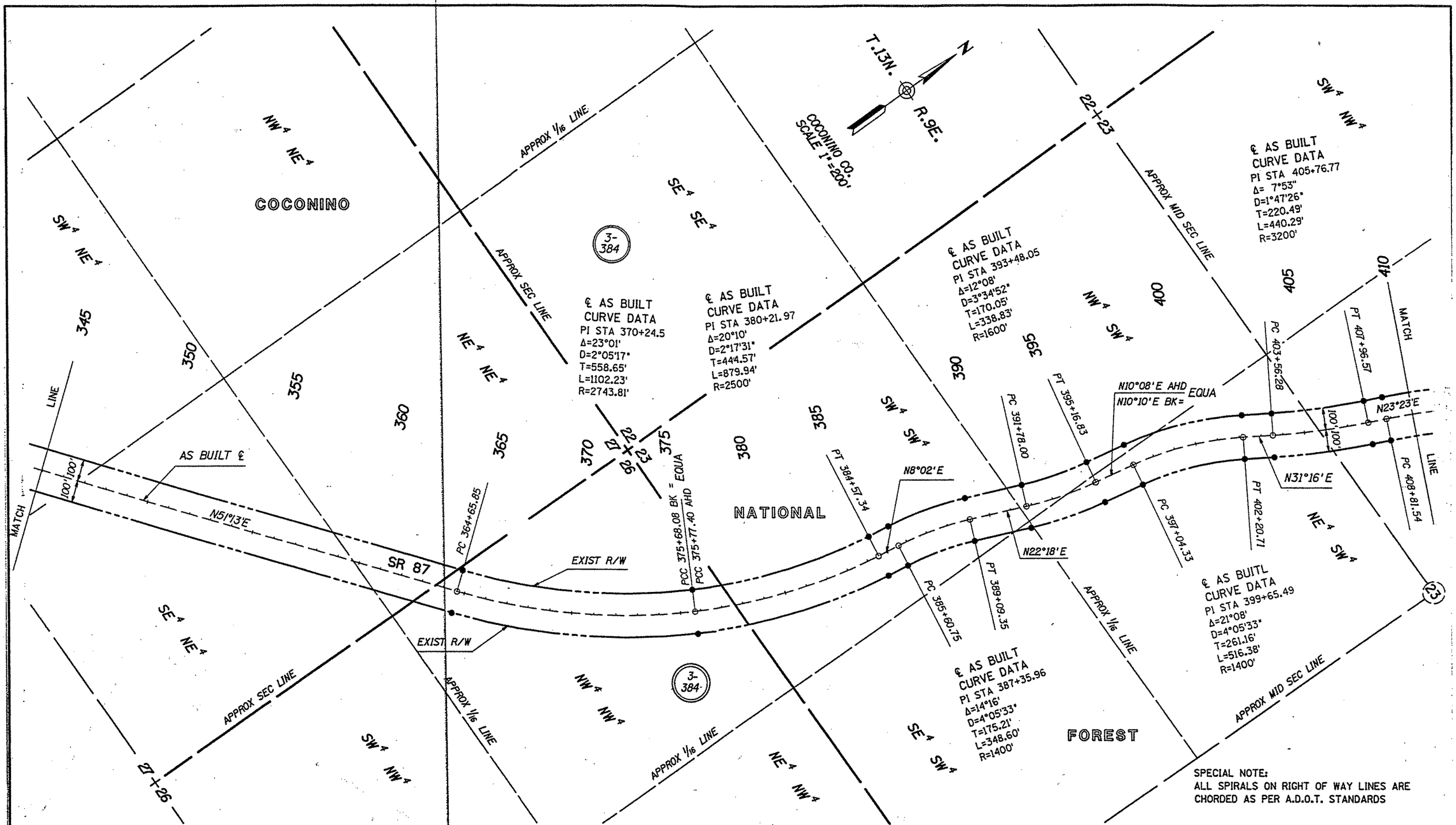

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ROUTE	SR 87	

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: PAYSON - WINSLOW

PROJECT NO.: F-073-1-719

LOCATION: GILA COUNTY LINE - FOREST BOUNDARY

SHEET 16 OF 41

Click here for SR 87 Index

T.13N.
R.9E.
N
COCONINO CO.
SCALE 1"=200'
COCONINO
APPROX 1/16 LINE
APPROX SEC LINE
APPROX MID SEC LINE
SE¼ SW¼
SW¼ SE¼
NE¼ SE¼
NW¼ SW¼
SE¼ NW¼
NW¼ NE¼
SW¼ NE¼
SE¼ NE¼
NW¼ NW¼
SW¼ SW¼
NATIONAL
FOREST
420
425
430
435
440
445
450
455
460
465
470
415
14+23
14+13
23+24
3-384
SR 87
N36°03' E
EXIST R/W
AS BUILT ℄
N71°11'E
TS 438+23.22
SC 439+90.77
CS 448+04.33
ST 449+71.88
TS 457+23.27
SC 458+97.80
CS 465+58.70
ST 467+33.23
TS 467+57.72
SC 469+32.25
S80°57'E
CS 474+30.25
ST 476+04.78
N80°31'E
POT 476+28.86 BK
TS 476+30.28 AHD
SC 478+22.27
100'
100'
MATCH LINE
PT 415+88.98
MATCH PC 408+81.54
℄ AS BUILT CURVE DATA
PI STA 412+36.71
Δ=12°40'
D=1°47'26"
T=355.17'
L=707.44'
R=3200'
℄ AS BUILT CURVE DATA
PI STA 444+13.75
TOTAL CURVE
DEF=35°08'
T=590.53
MAIN CURVE
Δ=29°08'
D=3°34'52"
L=813.56'
R=1600'
SPIRAL
Δ=3°00'
L=167.55'
℄ AS BUILT CURVE DATA
PI STA 462+54.91
TOTAL CURVE
DEF=47°52'
T=531.64'
MAIN CURVE
Δ=37°52'
D=5°43'46"
L=660.90'
R=1000
SPIRAL
Δ=5°00'
L=174.53'
℄ AS BUILT CURVE DATA
PI STA 471+94.95
TOTAL CURVE
DEF=38°32'
T=437.23'
MAIN CURVE
Δ=28°32'
D=5°43'46"
L=498.00'
R=1000'
SPIRAL
Δ=5°00'
L=174.53'
CS 485+27.38
PRS 487+19.37
CURVE DATA
PI STA 482+08.26
TOTAL CURVE
DEF=51°24'
T=577.98'
SPIRAL
Δ=5°30'
L=191.99'
MAIN CURVE
Δ=40°24'
D=5°43'46"
L=705.11'
R=1000
EQUA
MATCH LINE
APPROX SEC LINE
APPROX 1/16 LINE

SPECIAL NOTE:
ALL SPIRALS ON RIGHT OF WAY LINES ARE CHORDED AS PER A.D.O.T. STANDARDS

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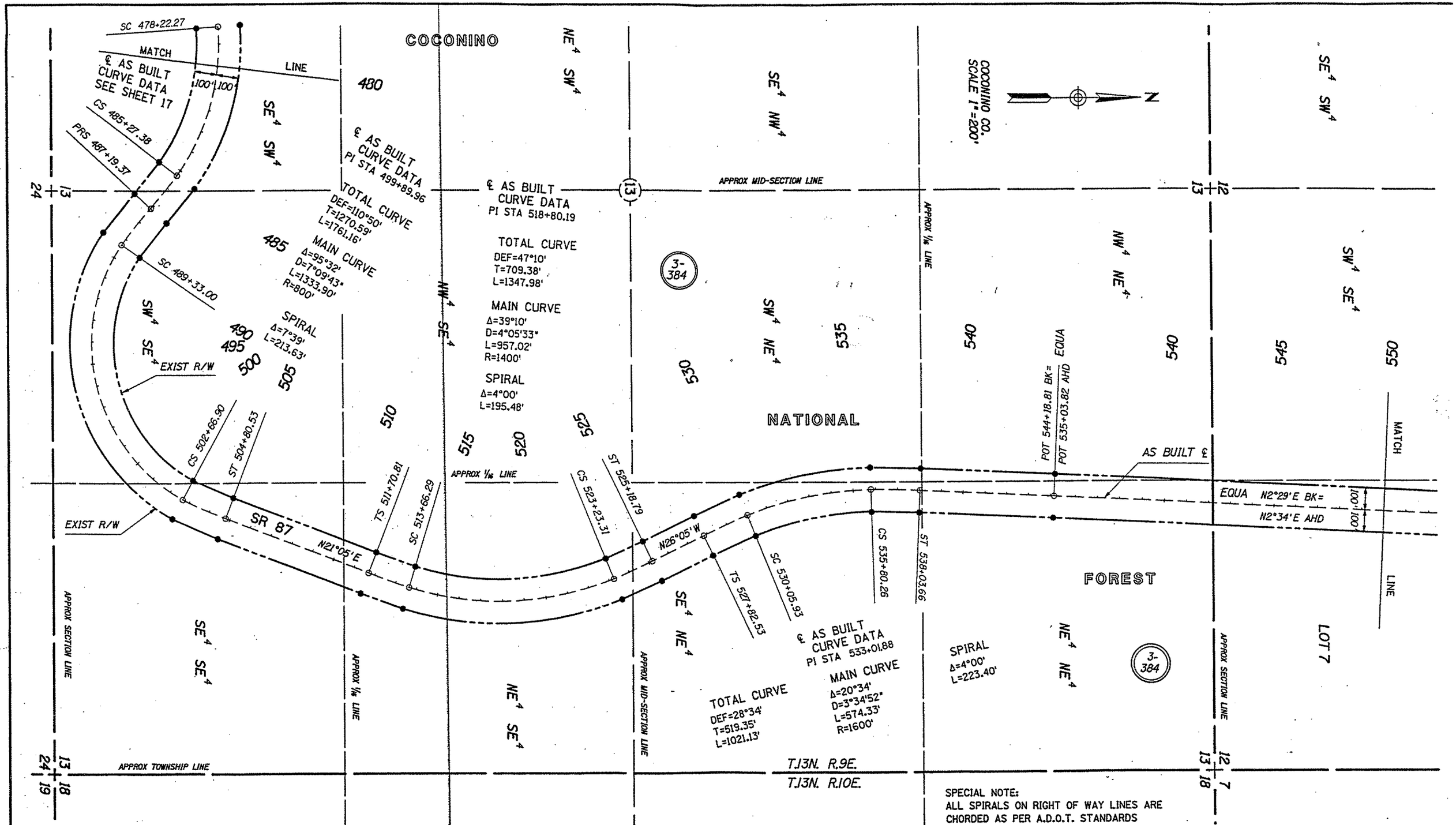
REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

DRAWING NO.	D-3-T-653	ARIZONA DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION RIGHT OF WAY PLANS SERVICES	
HARD COPY			
DRAWN/DATE	E.J.B. 8/90		
CHECKED/DATE	S.P.A. 8/90	HIGHWAY	PAYSON - WINSLOW
ACEVEDO PATEL & ASSOCIATES 3433 N. Black Canyon Highway Suite # 360 Phoenix, Arizona 85021 Phone (602) 995-8271		PROJECT NO.	F-073-1-719
ROUTE SR 87	LOCATION GILA COUNTY LINE - FOREST BOUNDARY	SHEET 17 OF 41	

TRACS NO. 87 GN 273 H3849 0SB



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ACEVEDO PATEL & ASSOCIATES
8433 N. Black Canyon Highway Suite # 180 Phoenix, Arizona 85021 Phone (602) 995-6171

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: PAYSON - WINSLOW
PROJECT NO.: F-073-1-719
ROUTE: SR 87
LOCATION: GILA COUNTY LINE - FOREST BOUNDARY

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COCONINO

COCONINO CO.
SCALE 1"=200'

APPROX MID SEC LINE

APPROX 1/16 LINE

APPROX TOWNSHIP LINE

APPROX SEC. LINE

NW¼ NE¼

SW¼ NE¼

SE¼ SE¼

NW¼ SE¼

SW¼ SE¼

3-384

LOT 1

LOT 2

LOT 3

LOT 4

LOT 5

LOT 6

LOT 7

LOT 11

LOT 12

NATIONAL FOREST

HES 174 UNPATENTED

SR 87

N12°52'E

EQUA N2°34'E AHD
N2°29'E BK=

PC 580+91.97

PT 574+56.71

PC 567+37.63

℄ AS BUILT CURVE DATA
PI STA 570+98.14
Δ=10°18'
D=1°25'57"
T=360.51'
L=719.08'
R=4000'

℄ AS BUILT CURVE DATA
PI STA 593+35.13
Δ=54°46'
D=2°23'14"
T=1243.16'
L=2294.06'
R=2400'

℄ AS BUILT

EXIST R/W

SECTION CORNER FND MONUMENT

PT 603+86.03

N 67°38'E

100' 100'

MATCH LINE

T.13N. R.9E.
T.13N. R.10E.

12 7 6 1

SPECIAL NOTE:
ALL SPIRALS ON RIGHT OF WAY LINES ARE CHORDED AS PER A.D.O.T. STANDARDS

Click here for SR 87 Index

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

DRAWING NO.	D-3-T-653	
HARD COPY		
DRAWN/DATE	E.J.B.	8/90
CHECKED/DATE	S.P.A.	8/90

ACEVEDO PATEL & ASSOCIATES CONSULTING ENGINEERS
1555 E. Glendale Avenue
Phoenix, Arizona 85020
Phone (602) 265-9530

ROUTE: SR 87
LOCATION: GILA COUNTY LINE - FOREST BOUNDARY

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: PAYSON - WINSLOW
PROJECT NO.: F-073-1-719

REGISTERED LAND SURVEYOR
CERTIFICATE NO. 14817
STATE OF ARIZONA

T.14N. R.10E.
T.13N. R.10E.
31
32
6
5
LOT 1
LOT 2
LOT 4
LOT 5
LOT 6
LOT 7
LOT 8
LOT 9
LOT 12
LOT 13
LOT 3
660
665
670
675
655
650
645
640
635
630
625
620
615
SE¼ NW¼
SW¼ NE¼
NE¼ SW¼
APPROX MID SEC LINE
APPROX ⅛ LINE
APPROX TOWNSHIP LINE
APPROX SEC LINE
COCONINO
NATIONAL
FOREST
H.E.S. 88
SR 87
3-384
N
COCONINO CO.
SCALE 1"=200'
SECTION CORNER FND MONUMENT
¼ CORNER FND MONUMENT
℄ AS BUILT
CURVE DATA
PI STA 627+58.67
Δ=28°50'
D=2°17'31"
T=642.67'
L=1258.09'
R=2500'
℄ AS BUILT
CURVE DATA
PI STA 660+77.42
Δ=20°08'
D=2°23'14"
T=426.06'
L=843.34'
R=2400'
AS BUILT ℄
N67°38'E
N38°48'E
N58°56'E
100'
50'
EXIST R/W
LONG VALLEY SUBDIVISION
FOREST BOUNDARY
PC 621+16.00
PT 633+74.09
PC 656+51.36
PT 664+94.70
MATCH LINE
9+00
NOTE:
FOR R/W PLAN COVERAGE BETWEEN STATION 665+21.83 AND 791+20.50 REFER TO PROJECT S-282-703
SPECIAL NOTE:
ALL SPIRALS ON RIGHT OF WAY LINES ARE CHORDED AS PER A.D.O.T. STANDARDS

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REVISIONS			
C.O. NO:	DATE	BY	DESCRIPTION

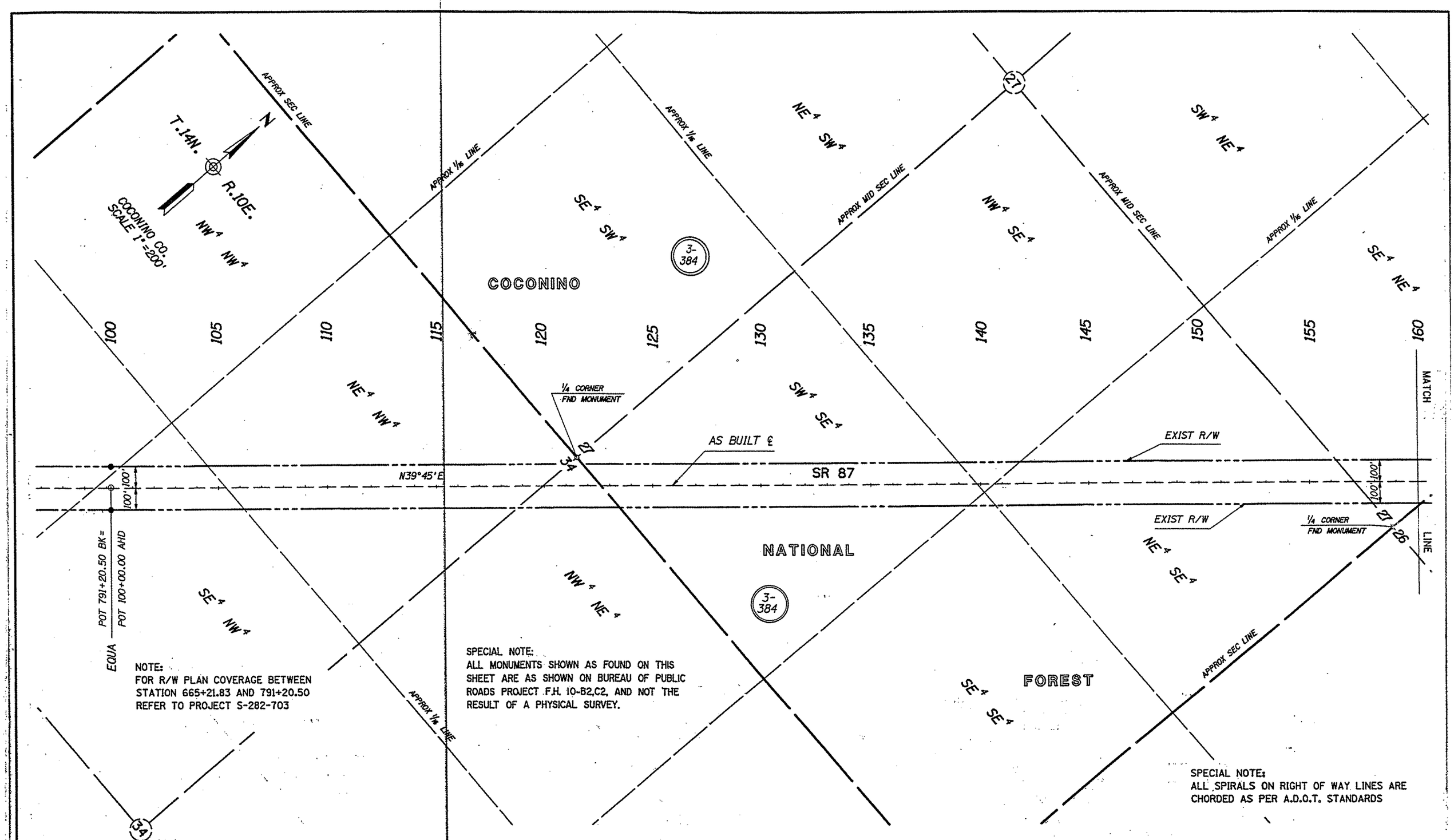
DRAWING NO.	D-3-T-653		
HARD COPY			
DRAWN/DATE	E.J.B.	8/90	
CHECKED/DATE	S.P.A.	8/90	
ACEVEDO RAIEL & ASSOCIATES CONSULTING ENGINEERS	1555 E. Glendale Avenue Phoenix, Arizona 85020 Phone (602) 265-8550		
ROUTE	SR 87	LOCATION	GILA COUNTY LINE - FOREST BOUNDARY

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES
HIGHWAY PAYSON - WINSLOW
PROJECT NO. F-073-1-719

REGISTERED LAND SURVEYOR CERTIFICATE NO. 10460 STEPHEN A. PAIEL DATE 11-14-90

SHEET 20 OF 41

*****OGN=SPECIFICATION***** VIEW NAME=



NOTE:
FOR R/W PLAN COVERAGE BETWEEN STATION 665+21.83 AND 791+20.50 REFER TO PROJECT S-282-703

SPECIAL NOTE:
ALL MONUMENTS SHOWN AS FOUND ON THIS SHEET ARE AS SHOWN ON BUREAU OF PUBLIC ROADS PROJECT F.H. 10-B2,C2, AND NOT THE RESULT OF A PHYSICAL SURVEY.

SPECIAL NOTE:
ALL SPIRALS ON RIGHT OF WAY LINES ARE CHORDED AS PER A.D.O.T. STANDARDS

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

DRAWING NO.	D-3-T-653	
HARD COPY		
DRAWN/DATE	E.J.B.	8/90
CHECKED/DATE	S.P.A.	8/90
ACEVEDO PATEL & ASSOCIATES	8433 N. Black Canyon Highway Suite # 180 Phoenix, Arizona 85021 Phone (602) 995-8171	
ROUTE	SR 87	
LOCATION	GILA COUNTY LINE - FOREST BOUNDARY	

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: PAYSON - WINSLOW
PROJECT NO.: F-073-1-719

SHEET 21 OF 41

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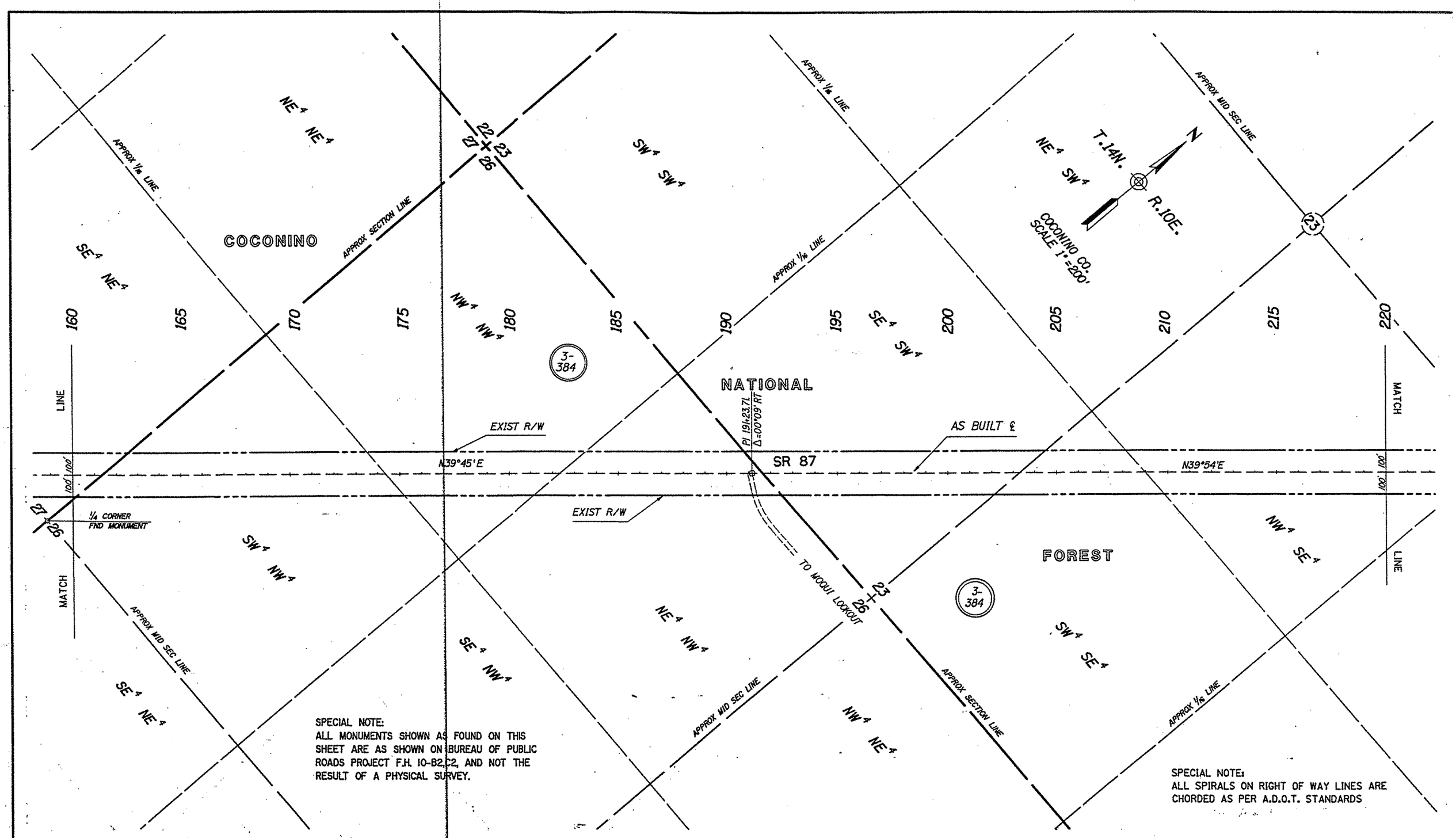

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

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HARD COPY		
DRAWN/DATE	E.J.B.	8/90
CHECKED/DATE	S.P.A.	8/90
ACEVEDO PATEL & ASSOCIATES CONSULTING ENGINEERS	8433 N. Black Canyon Highway Suite # 180 Phoenix, Arizona 85021 Phone (602) 995-8171	
ROUTE	SR 87	
LOCATION	GILA COUNTY LINE - FOREST BOUNDARY	

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: PAYSON - WINSLOW

PROJECT NO. F-073-1-719

SHEET 22 OF 41

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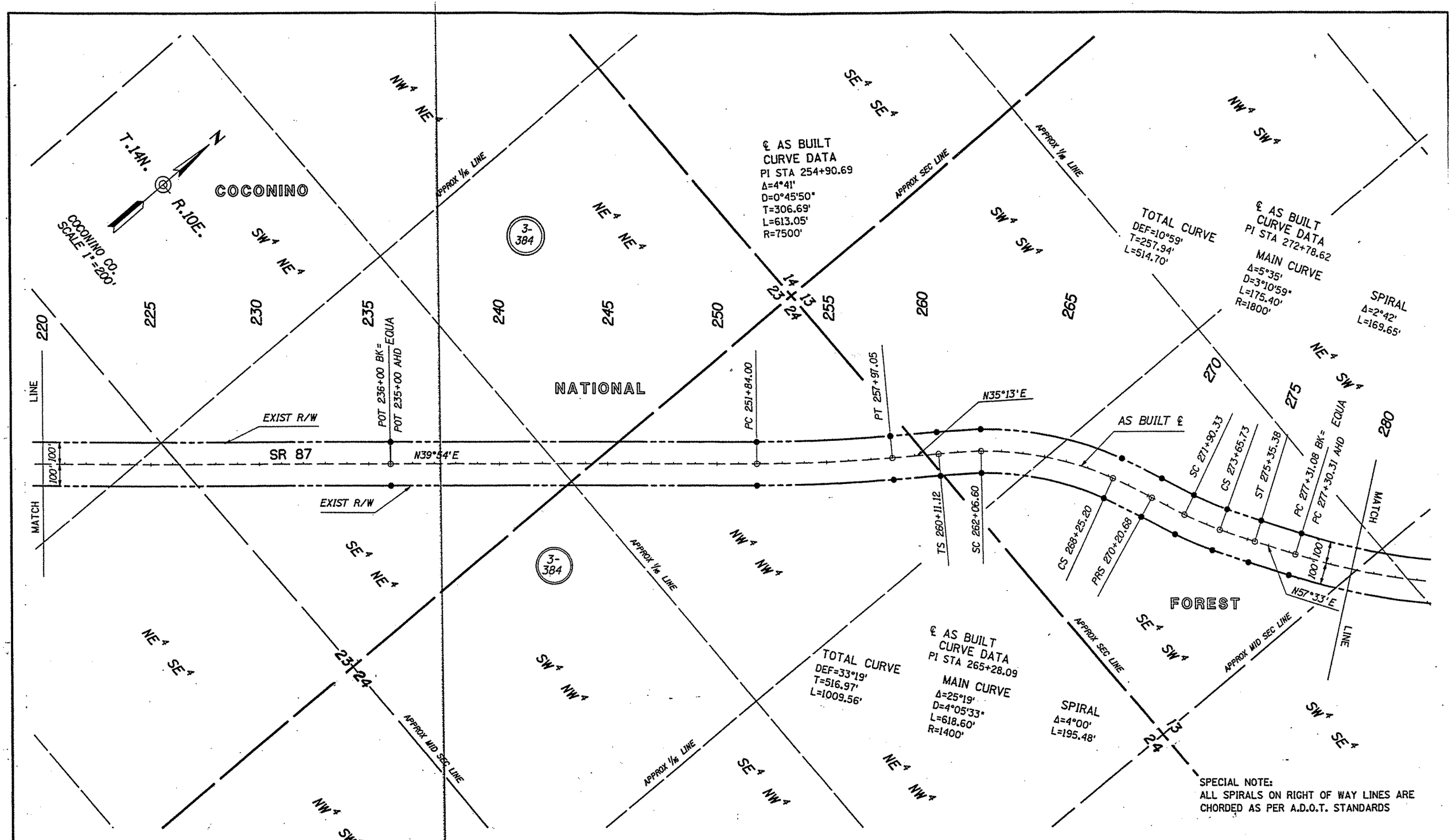

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REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

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CHECKED/DATE	S.P.A.	8/90
ACEVEDO PATEL & ASSOCIATES	8433 N. Black Canyon Highway Suite # 180 Phoenix, Arizona 85021 Phone (602) 995-8171	
ROUTE	SR 87	
LOCATION	GILA COUNTY LINE - FOREST BOUNDARY	

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: PAYSON - WINSLOW

PROJECT NO. F-073-1-719

SHEET 23 OF 41

TRACS NO. 87 CN 273 H2849 05R

OF

COCONINO

SE¼ NW¼

NE¼ SW¼

℄ AS BUILT
CURVE DATA
PI STA 282+39.52
Δ=19°16'
D=1°54'35"
T=509.21'
L=1008.80'
R=3000'

℄ AS BUILT
CURVE DATA
PI STA 296+43.90
Δ=11°12'
D=1°54'35"
T=294.15'
L=586.43'
R=3000'

APPROX MID-SEC LINE

APPROX ¼ LINE

NW¼ NE¼

SW¼ NE¼

280 285 290 295 300 305 310 315 320 325 330 335 340 345

(13)

3-384

NE¼ NE¼

LOT 4

LOT 1

LOT 2

LOT 3

APPROX SECTION LINE

12 13 7 18

COCONINO CO.
SCALE 1"=200'

SE¼ SW¼

AS BUILT ℄

SR 87

N57°33'E

EXIST R/W

N27°05'E BK = EQUA
N27°03'E AHD

PT 299+36.18

PC 304+48.86

PT 320+45.84

TS 331+41.22

SC 333+24.48

℄ AS BUILT
CURVE DATA
PI STA 312+66.75
Δ=30°30'
D=1°54'35"
T=817.89'
L=1596.98'
R=3000'

APPROX TOWNSHIP LINE

NATIONAL

FOREST

PT 287+39.11

PC 293+49.75

N38°17'E

100' 100'

EXIST R/W

100' 100'

MATCH LINE

MATCH

CS 348+16.74

PRS 350+00.00

APPROX ¼ LINE

SW¼ SE¼

SE¼ SE¼

NE¼ SE¼

SE¼ NE¼

NW¼ SE¼

SE¼ NW¼

NE¼ NW¼

T.14N. R.10E.
T.14N. R.11E.

13+18

APPROX MID-SEC LINE

TOTAL CURVE
DEF=64°00'
T=1029.51'
L=1858.78'

℄ AS BUILT
CURVE DATA
PI STA 341+70.73
MAIN CURVE
Δ=57°00'
D=3°49'11"
L=1492.26'
R=1500'

SPIRAL
Δ=3°30'
L=183.26'

SPECIAL NOTE:
ALL SPIRALS ON RIGHT OF WAY LINES ARE
CHORDED AS PER A.D.O.T. STANDARDS

Click here for SR 87 Index

REVISIONS				DRAWING NO.	D-3-T-653	ARIZONA DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
C.O. NO.	DATE	BY	DESCRIPTION	HARD COPY		RIGHT OF WAY PLANS SERVICES
				DRAWN/DATE	E.J.B. 8/90	HIGHWAY PAYSON - WINSLOW
				CHECKED/DATE	S.P.A. 8/90	PROJECT NO. F-073-1-719
				ACEVEDO PATEL & ASSOCIATES CONSULTING ENGINEERS	8433 N. Black Canyon Highway Suite # 150 Phoenix, Arizona 85021 Phone (602) 995-8177	ROUTE SR 87 LOCATION GILA COUNTY LINE - FOREST BOUNDARY

REGISTERED LAND SURVEYOR CERTIFICATE NO. 10164 ROBERT W. MOORE Expires 6-30-91 ARIZONA U.S.A.

SHEET 24 OF 41

APPROX 1/16 LINE

COCONINO

SE4 SW4 | SW4 SE4 | SE4 SE4 | SE4 SW4 | SE4 SW4 | SW4 SE4

NATIONAL

T.14N. R.11E.

COCONINO CO.
SCALE 1"=200'

℄ AS BUILT
CURVE DATA
PI STA 357+93.11

TOTAL CURVE
DEF=50°06'
T=793.11'
L=1494.88'

MAIN CURVE
Δ=43°06'
D=3°49'11"
L=1128.36'
R=1500'

SPIRAL
Δ=3°30'
L=183.26'

345 | 350 | 355 | 360 | 365 | 310 | 315 | 380 | 385 | 390 | 395 | 400 | 405 | 410

3-384

SECTION CORNER
FND MONUMENT

APPROX SECTION LINE

AS BUILT ℄

N88°49'E

100'|100'

MATCH LINE

7 | 18 | 8 | 17

SC 351+83.26

CS 363+11.62

ST 364+94.88

SR 87

N71°27'E

PC 376+31.50

PT 394+50.13

EXIST R/W

CS 348+16.74

PRS 350+00.00

EXIST R/W

℄ AS BUILT
CURVE DATA
PI STA 385+47.84
Δ=17°22'
D=0°57'18"
T=916.34'
L=1818.63'
R=6000'

FOREST

APPROX MID-SEC LINE

APPROX SECTION LINE

APPROX 1/16 LINE

NE4 NW4 | NW4 NE4 | NE4 NE4 | NW4 NW4 | NE4 NW4 | NW4 NE4

APPROX 1/16 LINE

SE4 NE4 | SE4 NW4

SW4 NE4 | SW4 NW4

SPECIAL NOTE:
ALL MONUMENTS SHOWN AS FOUND ON THIS SHEET ARE AS SHOWN ON BUREAU OF PUBLIC ROADS PROJECT F.H. 10-B2,C2, AND NOT THE RESULT OF A PHYSICAL SURVEY.

SPECIAL NOTE:
ALL SPIRALS ON RIGHT OF WAY LINES ARE CHORDED AS PER A.D.O.T. STANDARDS

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REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

DRAWING NO.	D-3-T-653	
HARD COPY		
DRAWN/DATE	E.J.B.	8/90
CHECKED/DATE	S.P.A.	8/90

ACEVEDO PATEL & ASSOCIATES — Consulting Engineers — 8433 N. Black Canyon Highway Suite # 180 Phoenix, Arizona 85021 Phone (602) 995-8171

ROUTE: SR 87

LOCATION: GILA COUNTY LINE - FOREST BOUNDARY

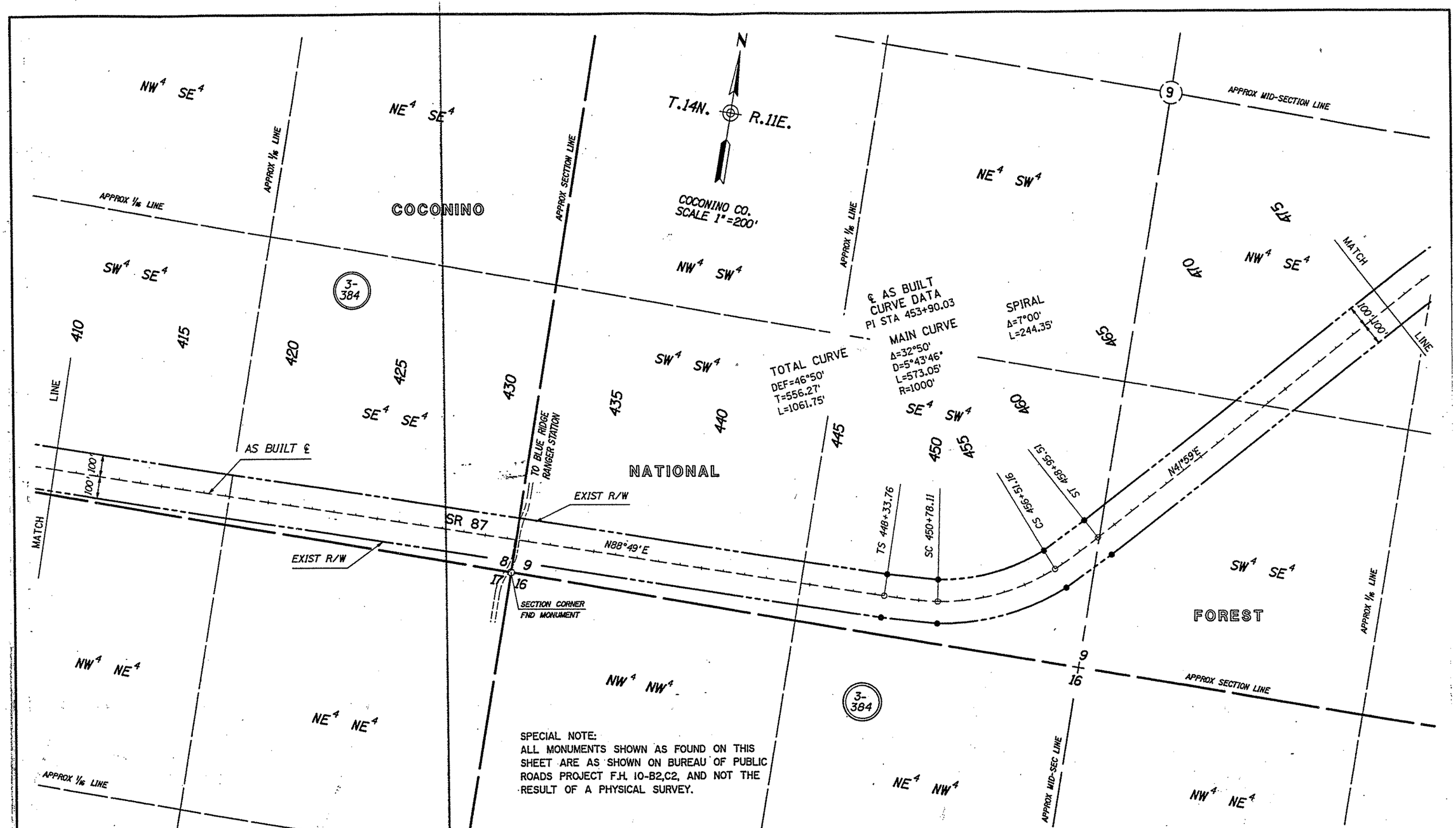
ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: PAYSON - WINSLOW

PROJECT NO. F-073-1-719

REGISTERED LAND SURVEYOR — CERTIFICATE NO. — ARIZONA U.S.A.

SHEET 25 OF 41



SPECIAL NOTE:
ALL MONUMENTS SHOWN AS FOUND ON THIS SHEET ARE AS SHOWN ON BUREAU OF PUBLIC ROADS PROJECT F.H. 10-B2,C2, AND NOT THE RESULT OF A PHYSICAL SURVEY.

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

DRAWING NO.	D-3-T-653	
HARD COPY		
DRAWN/DATE	E.J.B.	8/90
CHECKED/DATE	S.P.A.	8/90
ACEVEDO PATEL & ASSOCIATES	8433 N. Black Canyon Highway Suite # 180 Phoenix, Arizona 85021 Phone (602) 995-8171	
ROUTE	SR 87	
LOCATION	GILA COUNTY LINE - FOREST BOUNDARY	

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: PAYSON - WINSLOW

PROJECT NO. F-073-1-719

SHEET 26 OF 41

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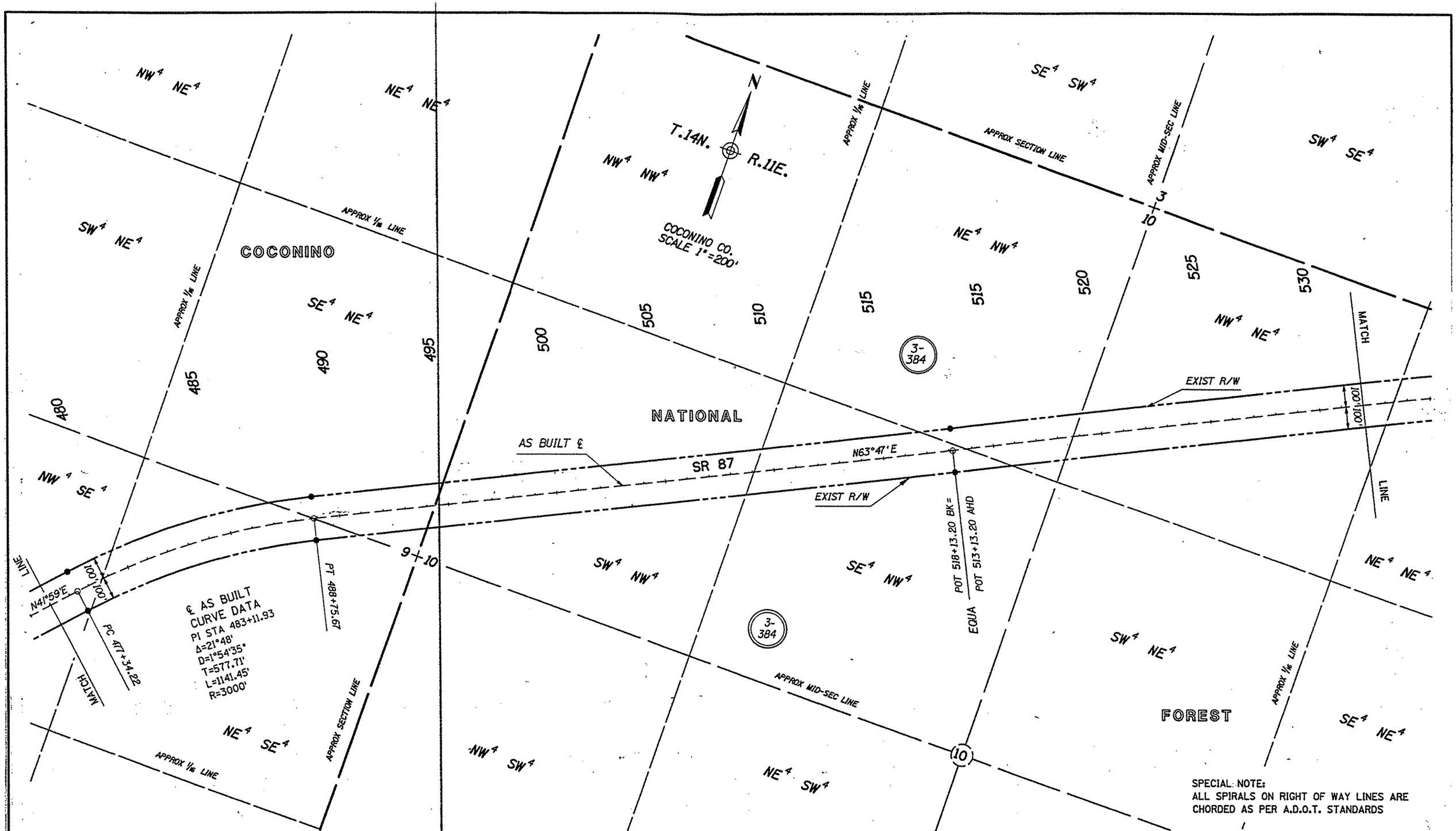


SPECIAL NOTE:
ALL SPIRALS ON RIGHT OF WAY LINES ARE CHORDED AS PER A.D.O.T. STANDARDS

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

DRAWING NO.	D-3-T-653	
HARD COPY		
DRAWN/DATE	E.J.B.	8/90
CHECKED/DATE	S.P.A.	8/90
ACEVEDO PATEL & ASSOCIATES	8433 N. Black Canyon Highway Suite # 180 Phoenix, Arizona 85021 Phone (602) 995-8171	
ROUTE	SR 87	
LOCATION	GILA COUNTY LINE - FOREST BOUNDARY	

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: PAYSON - WINSLOW

PROJECT NO. F-073-1-719

SHEET 27 OF 41

Click here for SR 87 Index

COCONINO

NATIONAL

FOREST

APPROX 1/16 LINE

APPROX SECTION LINE

APPROX MID-SECTION LINE

MATCH LINE

EXIST R/W

SR 87

N63°47'E

N75°38'E

100'

SECTION CORNER FND MONUMENT

AS BUILT ℄

℄ AS BUILT CURVE DATA
PI STA 566+22.74

TOTAL CURVE
DEF=21°48'
T=424.18'
L=839.95'

MAIN CURVE
Δ=16°06'
D=3°16'27"
L=491.75'
R=1750'

SPIRAL
Δ=2°51'
L=174.10'

℄ AS BUILT CURVE DATA
PI STA 556+13.13

TOTAL CURVE
DEF=33°39'
T=616.45'
L=1201.88'

MAIN CURVE
Δ=27°57'
D=3°16'27"
L=853.68'
R=1750'

SPIRAL
Δ=2°51'
L=174.10'

TS 549+96.68
SC 551+70.78
SC 563+72.66
CS 560+24.46
PRS 561+98.56
CS 568+64.41
ST 570+38.51

T.14N. R.11E.

COCONINO CO.
SCALE 1"=200'

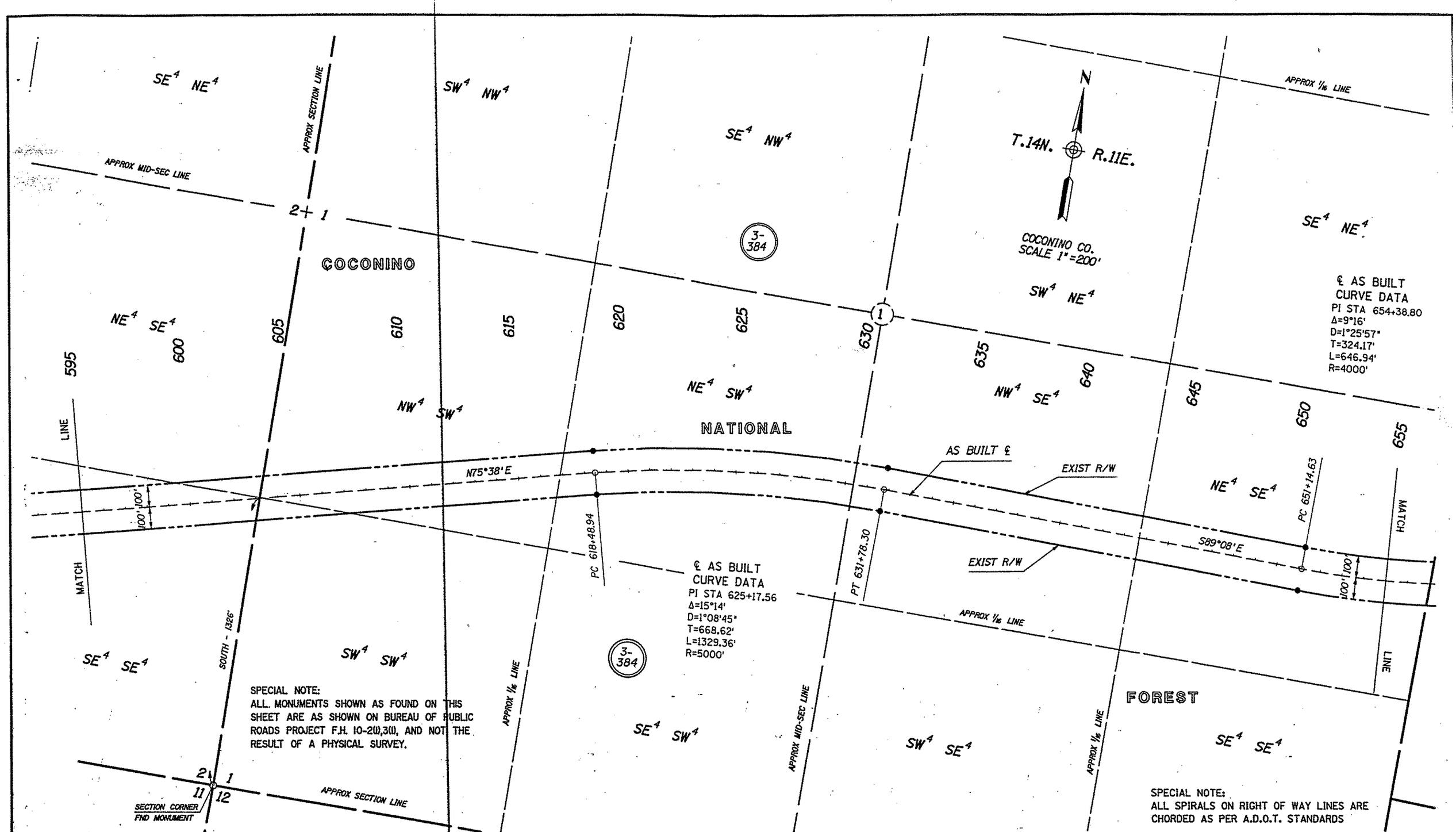
3-384

SPECIAL NOTE:
ALL MONUMENTS SHOWN AS FOUND ON THIS SHEET ARE AS SHOWN ON BUREAU OF PUBLIC ROADS PROJECT F.H. 10-C2(1),3(1), AND NOT THE RESULT OF A PHYSICAL SURVEY.

SPECIAL NOTE:
ALL SPIRALS ON RIGHT OF WAY LINES ARE CHORDED AS PER A.D.O.T. STANDARDS

Click here for SR 87 Index

REVISIONS				DRAWING NO.	D-3-T-653	ARIZONA DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION RIGHT OF WAY PLANS SERVICES
C.O. NO.	DATE	BY	DESCRIPTION	HARD COPY		
				DRAWN/DATE	E.J.B. 8/90	HIGHWAY PAYSON - WINSLOW
				CHECKED/DATE	S.P.A. 8/90	PROJECT NO. F-073-1-719
				ACEVEDO PATEL & ASSOCIATES	8433 N. Black Canyon Highway Suite # 180 Phoenix, Arizona 85021 Phone (602) 995-8171	
				ROUTE SR 87	LOCATION GILA COUNTY LINE - FOREST BOUNDARY	SHEET 28 OF 41



REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

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HARD COPY		
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CHECKED/DATE	S.P.A.	8/90
ACEVEDO PATEL & ASSOCIATES	8433 N. Black Canyon Highway Suite # 180 Phoenix, Arizona 85021 Phone (602) 995-9171	
ROUTE	SR 87	
LOCATION	GILA COUNTY LINE - FOREST BOUNDARY	

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: PAYSON - WINSLOW

PROJECT NO. F-073-1-719

SHEET 29 OF 41

Click here for SR 87 Index

1993 BLM (R) CURVE DATA
D=1°23'54"
R=4097.14'
L=0.992 CHS (65.47')

① SURVEY ℄ CURVE DATA
PI STA 657+28.97
Δ= 00°54'58"
D= 1°23'54"
T= 32.75'
L= 65.51'
R= 4097.14'

② LIB= N81°52'03"E
L=49.88'
R=3997.14'

N

LOT 20

COCONINO CO.
SCALE 1"=200'

SE4 NE4

℄ AS BUILT CURVE DATA
PI STA 654+38.80
Δ=9°16'
D=1°25'57"
T=324.17'
L=646.94'
R=4000'

APPROX RANGE LINE

T.14N. R.11E.
T.14N. R.12E.

6

1/4 CORNER BLM MONUMENT (NOT SEARCHED)

13.09 CHS(R) (865.94')

22.59 CHS(R) (1490.94')

BLM MONUMENT (NOT SEARCHED)

COCONINO

APPROX MID-SECTION LINE

BLM MONUMENT (NOT SEARCHED)

LOT 33

NE4 SE4

655 660 665 670

3-503

AP2
PT 657+61.72
FND BLM MONUMENT

As-Built ℄ BK
PT 657+61.57" EQUA.
Sur ℄ AHD, PT
657+61.72, AP-2.00Rt.
6.855 CHS(R)(452.43')

N00°03'26"E 100.97' LINE

LOT 34

S89°59'30"W 1494.54'
22.65 CHS (R)(1494.90')
N00°03'26"E 347.39'
5.255 CHS(R)(346.83')
1739.35'

100' 100'

N81°37"E (R)
1739.35'

MATCH

Existing R/W

Sur ℄ N81°09'09"E AHD
As-Built ℄ N81°36'E BK.: EQUA.

PC 656+96.21(Sur ℄)
AP-1, 0.00'Rt.

LOT 35

N00°01'34"E 969.05'
14.69 CHS(R) (969.54')

SECTION CLOSING CORNER
FND BLM BC (1992)

6
7

FND BLM MONUMENT

S89°56'28"E 1498.62'
22.70 CHS(R)(1498.20')

LTB= N82°04'07"E

APPROX 1/16 LINE

LOT 21

3-384

FND BLM MONUMENT

MID-SECTION LINE
20.08 CHS(R)(1325.28')

SURVEY ℄ CURVE DATA
PI STA 679+08.61
Δ= 14°03'41"
D= 1°44'02"
T= 407.54'
L= 810.98'
R= 3304.49'

1993 BLM(R) CURVE DATA
D=1°44'02"
R=3304.49'
L=12.30 CHS (811.80')

19.97 CHS (R) (1318.35')

675 680 685

PC 675+01.07
AP-3, 0.00 Rt.
POT 675+00.32

LOT 31

S89°59'00"W 702.20'
10.66 CHS(R)(703.56')
S89°59'00"W 626.10'
9.463 CHS(R)(624.96')
L=786.44'
R=3204.49'
L=810.98'

PT 683+12.05
AP-4, 0.00 RT.
POC 683+11.96

POT 683+94.94

LOT 36

LOT 32

FND BLM MONUMENT
POC 678+46.08

N00°08'35"W 115.44'
1.745 CHS(R) (115.17')

N00°08'35"W 1202.76'
18.23 CHS (R)(1203.48')

LOT 37

APPROX 1/8 LINE

N00°13'57"W 1058.95'
16.04 CHS(R)(1058.64')

690

LOT 29

NATIONAL

Existing R/W
1981.88'
SR 87
N67°05'28"E
N67°33'30"E(R)
Survey ℄

N00°13'57"W 260.49'
3.955 CHS(R)(261.03')
1/16 LINE
N89°59'17"E 1328.32'
20.125 CHS(R)(1328.25')

LOT 30

FND BLM MONUMENT

LOT 14

3-384

APPROX 1/16 LINE

LOT 17

BLM MONUMENT (NOT SEARCHED)

19.98 CHS(R) (1318.68')

FND BLM MONUMENT

LOT 16

MID SECTION LINE
18.91 CHS (R)(1248.06')

SURVEY ℄ CURVE DATA
PI STA 707+63.69
Δ= 14°48'13"
D= 1°35'04"
T= 469.76'
L= 934.30'
R=3616.09'

1993 BLM(R) CURVE DATA
D=1°35'04"
R=3616.09'
L=14.122 CHS (932.05')

3-503

LOT 22

705 710 715

S89°54'51"W 1325.28'(C)
20.08 CHS(R)(1325.28')

FND BLM MONUMENT

6

PC 707+93.93
AP-5 Not Fnd

501.39'(C)
(501.27'(R))

LOT 23

POC 711+12.67

PT 712+28.23
AP-6, 0.00 RT.
POC 712+26.88

S89°54'51"W 955.81'(C)
14.485 CHS(R)(956.04')

LOT 28

L=908.46'
R=3516.09'
L=934.30'

316.39'(R)
N52°45'30"E(R)
N52°11'10"E
316.35'

TS 715+44.62
MATCH

LOT 24

LINE

S89°54'51"W 361.42'(C)
5.475 CHS(R)(361.35')

Existing R/W

FND BLM MONUMENT

POT 700+32.49

N00°21'50"W 819.62'(C)
12.423 CHS(R)(820.06')

LOT 27

FOREST

APPROX 1/16 LINE

NOTE:
RECORD INFORMATION FOR SECTION 6 AND S.R.87 IN SECTION 6 ONLY TAKEN FROM 1993 BLM DEPENDENT RESURVEY, SUBDIVISION OF SECTION 6. BLM MAP NO. 584-A, DATED FEB. 5, 1993.

SURVEY INFORMATION FOR SECTION 6 AND S.R.87 IN SECTION 6 ONLY TAKEN FROM RESULT OF SURVEY BY AZTEC ENG., DATED DEC. '8, 1997 (SEE SHEET 41).

NOTE:
ALL BLM CORNERS MONUMENTED WITH STAINLESS STEEL POST 30" LONG WITH BRASS CAP MKD AS DESCRIBED IN THE OFFICIAL GVM'T. RECORD. UNLESS OTHERWISE NOTED.

SPECIAL NOTE:
ALL SPIRALS ON RIGHT OF WAY LINES ARE CHORDED AS PER A.D.O.T. STANDARDS

REVISIONS				DRAWING NO.	0-3-T-653.	ARIZONA DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION RIGHT OF WAY PLANS SERVICES	
C.O. NO.	DATE	BY	DESCRIPTION	HARD COPY			
9197	1-26-98	DMJM	REVISE SECTION AND R/W INFORMATION IN	DRAWN/DATE	E.J.B. 8/90		
"	"	"	SECTION 6 PER 1993 BLM SURVEY AND 1997	CHECKED/DATE	S.P.A. 8/90		
"	"	"	RESULT OF SURVEY BY AZTEC ENG.	ACEVEDO PATEL & ASSOCIATES	8503 N. Black Canyon Highway Suite 100 Phoenix, Arizona 85021 Phone (602) 995-4671	HIGHWAY	PAYSON - WINSLOW
"	4-22-98	AZTEC	ADD PAR. 3-503 AND METES & BOUNDS			PROJECT NO.	F-073-1-719
				ROUTE	SR 87	LOCATION	GILA COUNTY LINE - FOREST BOUNDARY

SHEET 30 OF 46

TRACS NO. 87 CN 273 H2849 05R

OF

Click here for SR 87 Index

Click here for SR 87 Index

MID-SECTION LINE
18.91 CHS(R)(1248.06')
BLM MONUMENT (NOT SEARCHED)
17.72 CHS(R)(1169.52')
1993 BLM (R) CURVE DATA
SPIRAL Δ=5°10'03" L=2.887 CHS (190.54')
MAIN CURVE D=4°58'04" R=1153.36' L=8.985 CHS (593.01')
SURVEY ℄ CURVE DATA
PI STA 722+63.87
MAIN CURVE Δ=49°45'23" D=4°58'56" L=978.60' R=1150.00'
SPIRAL Δ=4°24'00" L=176.63'
TOTAL CURVE DEF=57°33'23" T=720.57' L=1331.86'
3-503
3-384
LOT 23
LOT 24
LOT 25
LOT 26
LOT 16
LOT 15
LOT 4
COCONINO
NATIONAL
FOREST
T.14N. R.12E.
T.15N. R.12E.
TOWNSHIP LINE
APPROX 1/16 LINE
APPROX SECTION LINE
FOREST BOUNDARY
APPROX MID-SEC LINE
APPROX TOWNSHIP LINE
SECTIONAL LINE
MATCH LINE
TS 715+44.62
FND AP-7 0.00' RT.
SC 717+21.25
FND AP-8 0.05' LT.
P.O.C. 717+35.19
FND BLM MONUMENT
N00°18'46"W 951.93'
14.415 CHS(R) (951.39')
L.T.B.= N47°53'16"E
SURVEY ℄
L.T.B.=N17°38'48"E
L=893.51'
R=1050.00'
L=606.97'
P.O.C. 723+28.17
FND AP-9 0.45' LT
P.O.C. 723+28.22
AP-10 (NOT SEARCHED)
L.T.B.= S00°52'05"E
AP-11 (NOT SEARCHED)
AP-12 (NOT SEARCHED)
12.13 CHS(R) (800.56')
6.16 CHS(R)(406.56')
1/4 CORNER BLM MONUMENT (NOT SEARCHED)
N00°18'46"W 275.44'
4.185 CHS(R)(276.21')
951.93'
FND BLM MONUMENT
* POST 715+86.23
DETAIL N.T.S.
SOD°18'13"E 1185.94' 1/16 LINE
17.965 CHS(R)(1185.69')
ST 728+76.48 EQUA. ROT. 738+86.00 AS-BUILT ℄ AHD.
P.O.T. 738+72.83 SUR ℄ BK=
CS 726+99.88
1005.73'
SR 87
P.O.C. 726+76.06
986.97'
L=394.03'
R=1250.00'
BRG. EQUA. SUR ℄ N5°16'06"W BK= AS-BUILT ℄ N4°52'W AHD.
N00°13'05"W 1320.36' (1319.68' (R)(1319.68' CHS)
18.21 CHS(R)(1201.86')
N00°15'18"W 1201.86' (C)
SECTION CORNER FND BLM BC (1966)
BLM MONUMENT (NOT SEARCHED)
1/4 CORNER BLM MONUMENT (NOT SEARCHED)
N00°13'05"W 1319.68' (1319.68' (R)(1319.68' CHS)
N00°13'05"W 1320.36' (1319.68' (R)(1319.68' CHS)
SOUTH BOUNDARY
N00°13'05"W 1319.68' (1319.68' (R)(1319.68' CHS)
N00°13'05"W 1320.36' (1319.68' (R)(1319.68' CHS)
FOREST BOUNDARY
SOUTH BOUNDARY
N00°13'05"W 1319.68' (1319.68' (R)(1319.68' CHS)
N00°13'05"W 1320.36' (1319.68' (R)(1319.68' CHS)
SW 1/4 SW 1/4
NW 1/4 SW 1/4
SW 1/4 NW 1/4
1/4 CORNER BLM MONUMENT (NOT SEARCHED)
1 N50°51'16"E 168.91'
2 N03°50'07"W 168.91'
3 S03°46'17"E 184.26'
4 N78°01'54"W 100.45'
COCONINO CO. SCALE 1"=200'
STARLIGHT PINES UNIT ONE
CASE 4, MAP 1, C.C.R
STARLIGHT PINES UNIT THREE
CASE 4, MAP 107, C.C.R
STARLIGHT PINES UNIT ONE
CASE 4, MAP 1, C.C.R
AS-BUILT ℄
EXIST R/W
200.88'
PC 741+71.43
PT 752+33.75
N10°21'E
100.00'
℄ AS BUILT CURVE DATA
PI STA 747+05.74
Δ=15°13'
D=1°25'57"
T=534.31'
L=1062.32'
R=4000'
700 705 710 715 720 725 730 735 740 745 750 755 760 765 770 775

NOTE:
ALL BLM CORNERS MONUMENTED WITH STAINLESS STEEL POST 30" LONG WITH BRASS CAP MKD. AS DESCRIBED IN THE OFFICIAL GVMT. RECORD UNLESS OTHERWISE NOTED.

NOTE:
RECORD INFORMATION FOR SECTION 6 AND S.R.87 IN SECTION 6 ONLY TAKEN FROM 1993 BLM DEPENDENT RESURVEY, SUBDIVISION OF SECTION 6. BLM MAP NO. 584-A DATED FEB. 5, 1993.

SURVEY INFORMATION FOR SECTION 6 AND S.R.87 IN SECTION 6 ONLY TAKEN FROM RESULT OF SURVEY BY AZTEC ENGR. DATED DEC. 8, 1997 (SEE SHEET 41)

SPECIAL NOTE:
ALL SPIRALS ON RIGHT OF WAY LINES ARE CHORDED AS PER A.D.O.T. STANDARDS

REVISIONS					
C.O. NO.	DATE	BY	DESCRIPTION		
9197	1-26-98	DMJM	REVISE SECTION AND R/W INFORMATION IN	DRAWING NO.	D-3-T-653
"	"	"	SECTION 6 PER 1993 BLM SURVEY AND 1997	HARD COPY	
"	"	"	RESULT OF SURVEY BY AZTEC ENGR.	DRAWN/DATE	E.J.B. 8/90
"	4-22-98	AZTEC	ADD PAR. 3-503 AND METES & BOUNDS	CHECKED/DATE	S.P.A. 8/90
				ACEVEDO, PATE & ASSOCIATES	8433 N. Black Canyon Highway Suite 130 Phoenix, Arizona 85021 Phone (602) 995-8171
				ROUTE	SR 87
				LOCATION	GILA COUNTY LINE - FOREST BOUNDARY

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES
HIGHWAY PAYSON - WINSLOW
PROJECT NO. F-073-1-719
SHEET 31 OF 41

TRACS NO. 87 CN 273 H2849 05R

STARLIGHT PINES UNIT THREE
CASE 4, MAP 1, C.C.R

℄ AS BUILT
CURVE DATA
PI STA 789+54.30
Δ=20°20'
D=1°54'35"
T=537.98'
L=1064.65'
R=3000'

℄ AS BUILT
CURVE DATA
PI STA 813+51.64
Δ=22°14'
D=1°54'35"
T=589.48'
L=1164.13'
R=3000'

APPROX MID-SEC LINE
APPROX SECTION LINE
APPROX 1/16 LINE
APPROX MID-SEC LINE
APPROX 1/16 LINE
1/4 CORNER FND MONUMENT
SECTION CORNER FND MONUMENT
FOREST BOUNDARY
FOREST BOUNDARY
APPROX 1/16 LINE
MATCH LINE
MATCH LINE
AS BUILT ℄
EXIST R/W
EXIST R/W
100'
100'
N10°21'E
N9°59'W
N12°15'E
SR 87
PC 784+16.32
PT 794+80.97
PC 807+62.16
PT 819+26.29
COCONINO CO.
SCALE 1"=200'
T.15N.
R.12E.
N

COCONINO
NATIONAL
FOREST

SW4 SE4
NW4 SE4
NE4 SE4
SE4 SE4
SE4 NE4
NW4 NE4
SW4 NE4
NE4 NE4
NW4 NW4
SW4 NW4
SW4 SW4
NW4 SW4

775 780 785 790 795 800 805 810 815 820 825 830 835

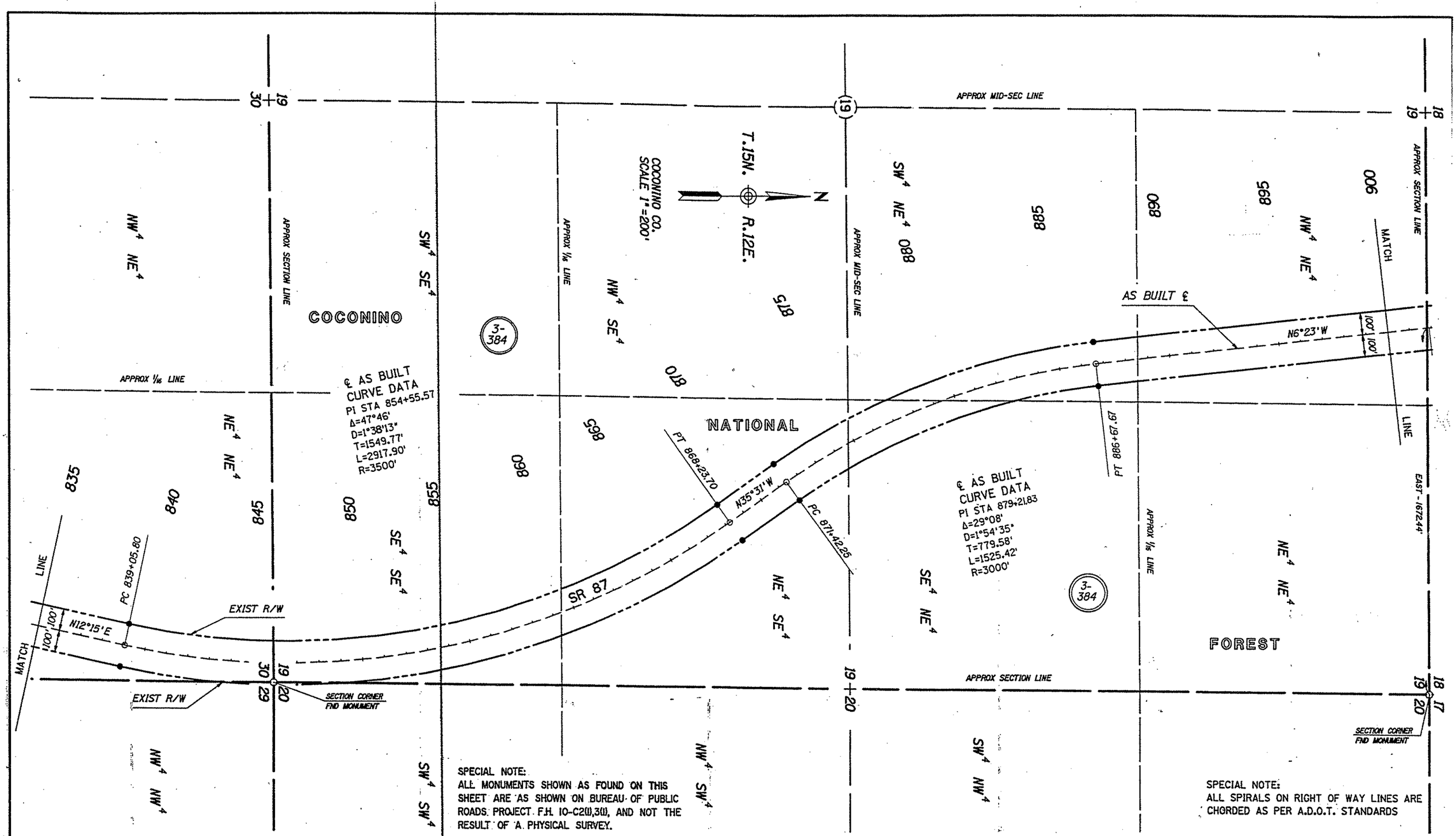
30 31 32 29 30

3-384
3-384

SPECIAL NOTE:
ALL SPIRALS ON RIGHT OF WAY LINES ARE CHORDED AS PER A.D.O.T. STANDARDS

Click here for SR 87 Index

REVISIONS				DRAWING NO.	D-3-T-653	ARIZONA DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION RIGHT OF WAY PLANS SERVICES	
C.O. NO.	DATE	BY	DESCRIPTION	HARD COPY			
				DRAWN/DATE	E.J.B. 8/90		
				CHECKED/DATE	S.P.A. 8/90		
				ACEVEDO PATEL & ASSOCIATES CONSULTING ENGINEERS	1555 E. Glendale Avenue Phoenix, Arizona 85020 Phone (602) 265-9550	HIGHWAY PAYSON - WINSLOW	
				ROUTE SR 87	LOCATION GILA COUNTY LINE - FOREST BOUNDARY	PROJECT NO. F-073-1-719	SHEET 32 OF 41



SPECIAL NOTE:
ALL MONUMENTS SHOWN AS FOUND ON THIS SHEET ARE AS SHOWN ON BUREAU OF PUBLIC ROADS PROJECT F.H. 10-C2(1),3(1), AND NOT THE RESULT OF A PHYSICAL SURVEY.

SPECIAL NOTE:
ALL SPIRALS ON RIGHT OF WAY LINES ARE CHORDED AS PER A.D.O.T. STANDARDS

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

DRAWING NO.	D-3-T-653	
HARD COPY		
DRAWN/DATE	E.J.B.	8/90
CHECKED/DATE	S.P.A.	8/90
ACEVEDO PATEL & ASSOCIATES	8433 N. Black Canyon Highway Suite # 180 Phoenix, Arizona 85021 Phone (602) 995-8171	
ROUTE	SR 87	
LOCATION	GILA COUNTY LINE - FOREST BOUNDARY	

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: PAYSON - WINSLOW
PROJECT NO. F-073-1-719

SHEET 33 OF 41

Click here for SR 87 Index

COCONINO

NATIONAL

FOREST

COCONINO CO.
SCALE 1"=200'

T.15N.
R.12E.

N

APPROX SECTION LINE

APPROX 1/16 LINE

APPROX MID-SEC LINE

SECTION CORNER
FND MONUMENT

LINE

MATCH

EAST - 16724'

N6°23'W

100'

SR 87

AS BUILT ℄

N13°43'E

EXIST R/W

PC 901+92.25

PT 919+46.31

PC 926+72.15

PT 940+68.41

N33°43'E

PC 949+99.72

PT 958+46.20

S02°35'16"E - 612.82'

S89°53'30"E
289.89'

N17°33'E

℄ AS BUILT
CURVE DATA
PI STA 910+78.38
Δ=20°06'
D=1°08'45"
T=886.13'
L=1754.06'
R=5000'

℄ AS BUILT
CURVE DATA
PI STA 933+77.46
Δ=20°00'
D=1°25'57"
T=705.31'
L=1396.26'
R=4000'

℄ AS BUILT
CURVE DATA
PI STA 954+25.79
Δ=16°10'
D=1°54'35"
T=426.07'
L=846.48'
R=3000'

SPECIAL NOTE:
ALL MONUMENTS SHOWN AS FOUND ON THIS SHEET ARE AS SHOWN ON BUREAU OF PUBLIC ROADS PROJECT F.H. 10-2(11),3(11), AND PROJECT F.H. 10-C3, AND NOT THE RESULT OF A PHYSICAL SURVEY.

SPECIAL NOTE:
ALL SPIRALS ON RIGHT OF WAY LINES ARE CHORDED AS PER A.D.O.T. STANDARDS

Click here for SR 87 Index

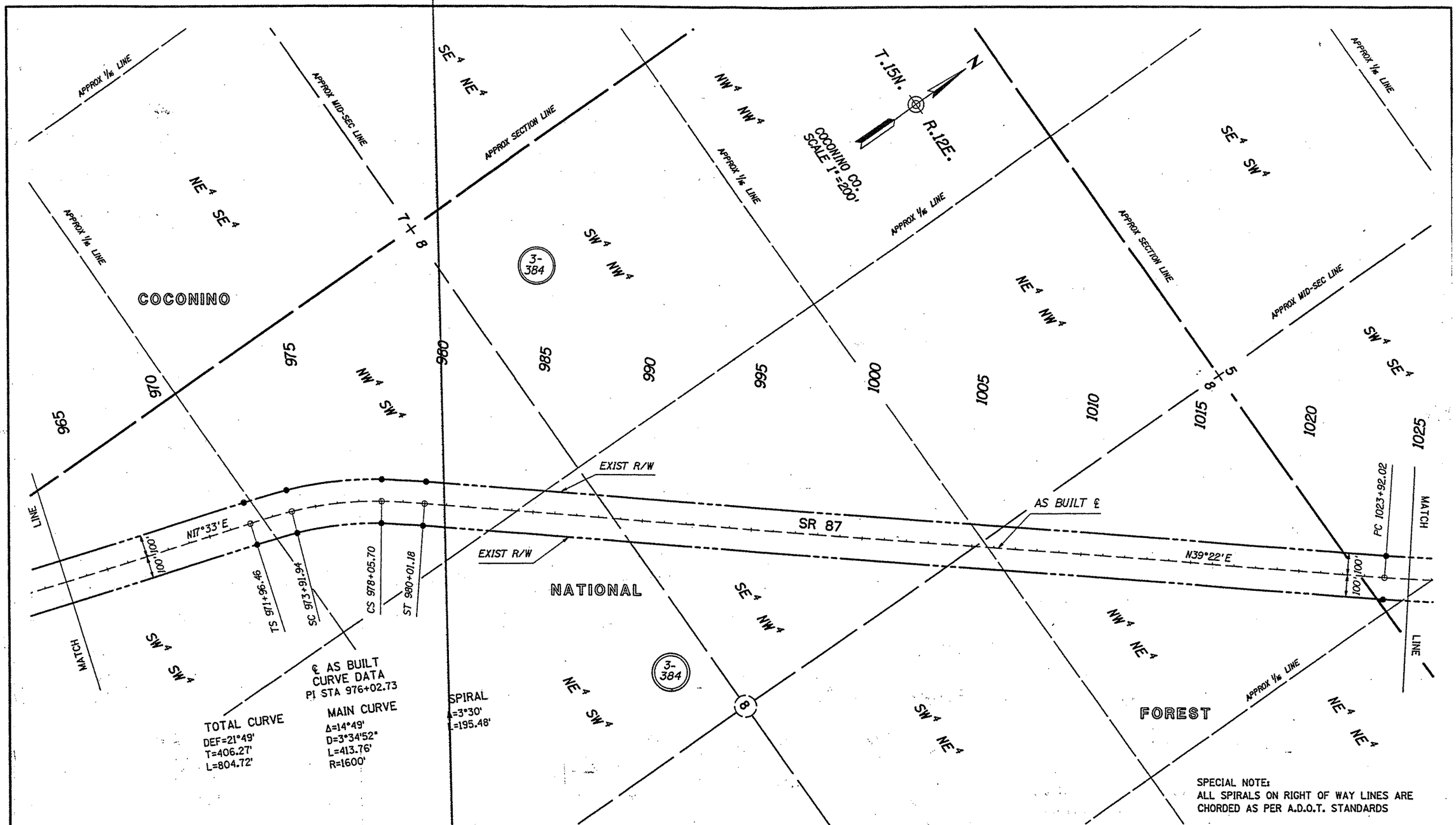
REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

DRAWING NO.	D-3-T-653
HARD COPY	
DRAWN/DATE	E.J.B. 8/90
CHECKED/DATE	S.P.A. 8/90

ACEVEDO PATEL & ASSOCIATES
8433 N. Black Canyon Highway Suite # 310 Phoenix, Arizona 85021 Phone (602) 995-8171

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: PAYSON - WINSLOW
PROJECT NO.: F-073-1-719
ROUTE: SR 87
LOCATION: GILA COUNTY LINE - FOREST BOUNDARY



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REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

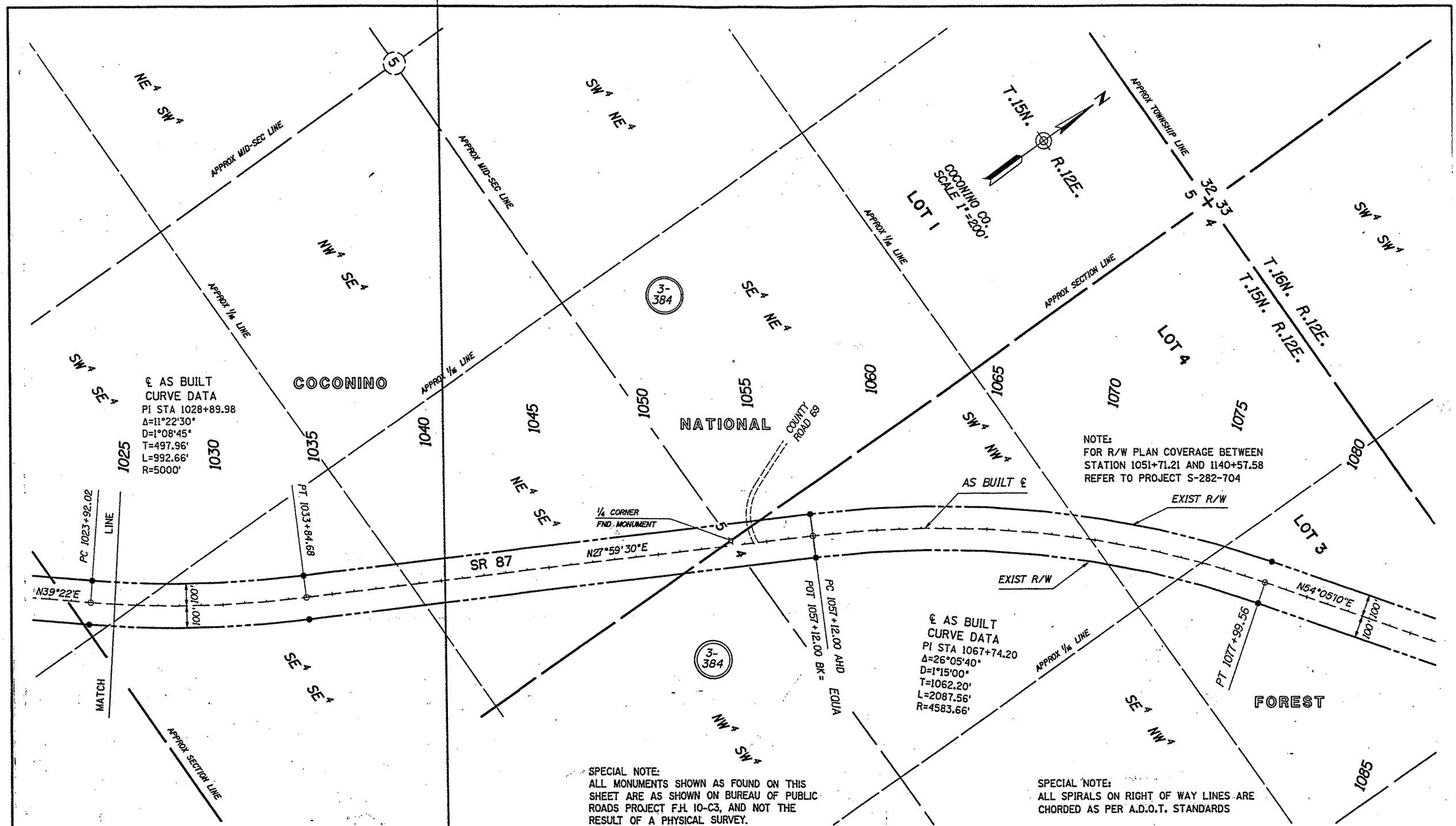
DRAWING NO.	D-3-T-653	
HARD COPY		
DRAWN/DATE	E.J.B.	8/90
CHECKED/DATE	S.P.A.	8/90
ACEVEDO PATEL & ASSOCIATES	8433 N. Black Canyon Highway Suite # 180 Phoenix, Arizona 85021 Phone (602) 995-8171	
ROUTE	SR 87	
LOCATION	GILA COUNTY LINE - FOREST BOUNDARY	

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: PAYSON - WINSLOW

PROJECT NO. F-073-1-719

SHEET 35 OF 41



REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

DRAWING NO.	D-3-T-653	
HARD COPY		
DRAWN/DATE	E.J.B.	8/90
CHECKED/DATE	S.P.A.	8/90
ACEVEDO PATEL & ASSOCIATES	8433 N. Black Canyon Highway Suite # 180 Phoenix, Arizona 85021 Phone (602) 995-8171	
ROUTE SR 87	LOCATION GILA COUNTY LINE - FOREST BOUNDARY	

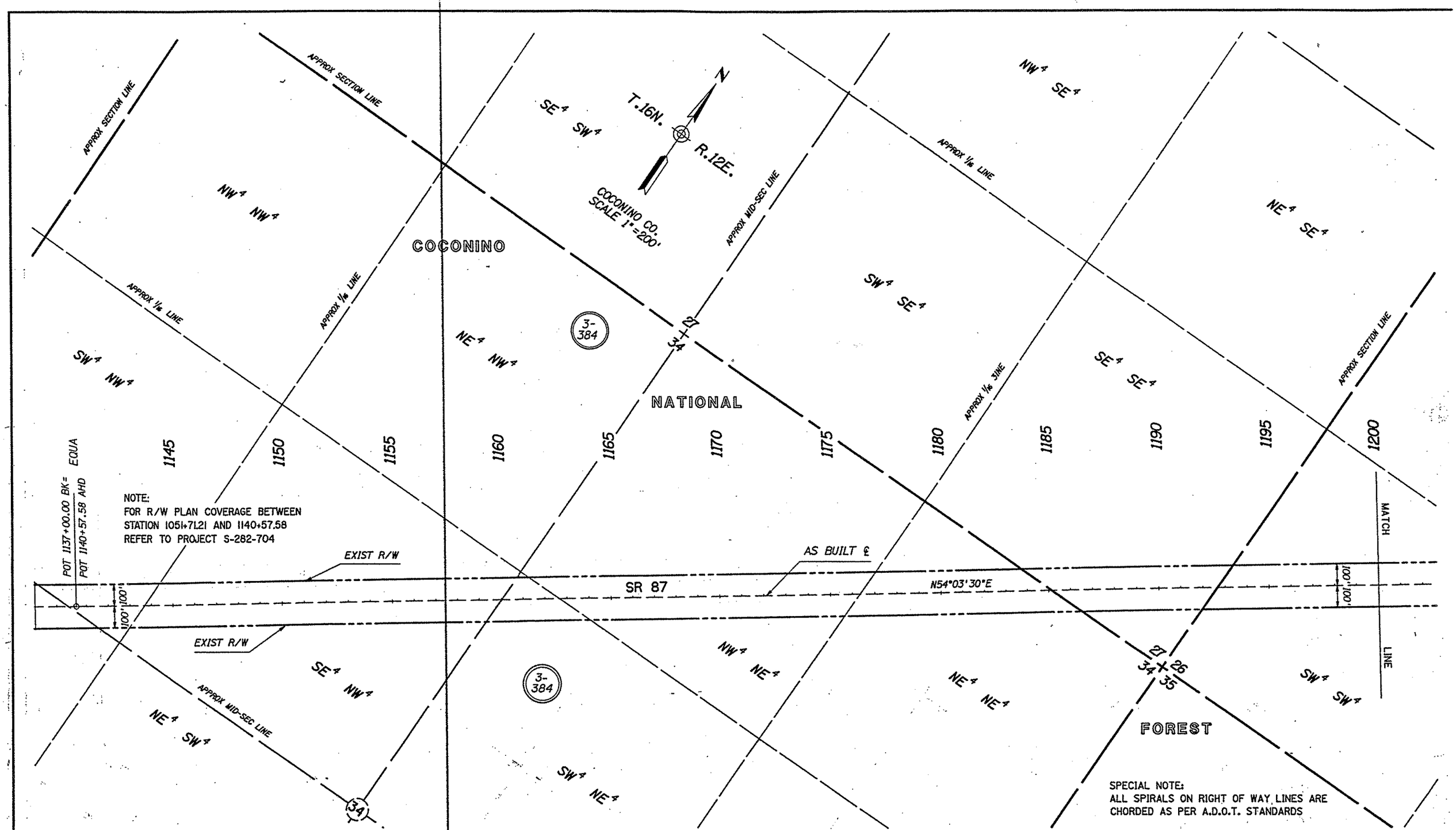
ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY PAYSON - WINSLOW

PROJECT NO. F-073-1-719

SHEET 36 OF 41

Click here for SR 87 Index



REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

DRAWING NO.	D-3-T-653	
HARD COPY		
DRAWN/DATE	E.J.B.	8/90
CHECKED/DATE	S.P.A.	8/90

ACEVEDO PATEL & ASSOCIATES
8433 N. Black Canyon Highway
Suite # 180
Phoenix, Arizona 85021
Phone (602) 995-8171

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: PAYSON - WINSLOW

PROJECT NO. F-073-1-719

ROUTE: SR 87

LOCATION: GILA COUNTY LINE - FOREST BOUNDARY

SHEET 37 OF 41

Click here for SR 87 Index

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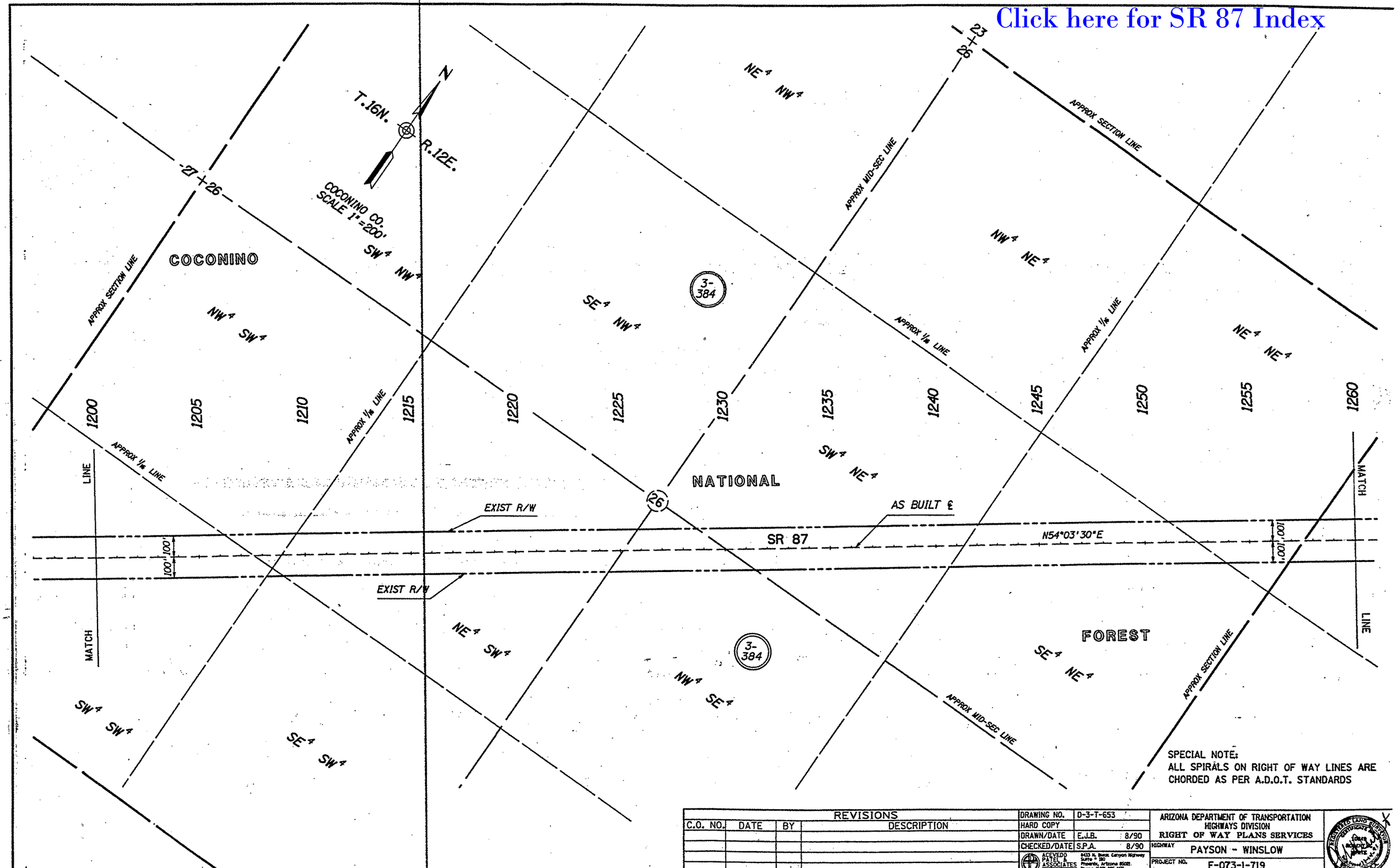


SPECIAL NOTE:
ALL SPIRALS ON RIGHT OF WAY LINES ARE CHORDED AS PER A.D.O.T. STANDARDS

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

DRAWING NO.	D-3-T-653	
HARD COPY		
DRAWN/DATE	E.J.B.	8/90
CHECKED/DATE	S.P.A.	8/90

ACEVEDO PATEL & ASSOCIATES
8433 N. Black Canyon Highway Suite # 180 Phoenix, Arizona 85021 Phone (602) 995-8171

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: PAYSON - WINSLOW

PROJECT NO. F-073-1-719

ROUTE: SR 87

LOCATION: GILA COUNTY LINE - FOREST BOUNDARY

NE¼ NE¼

N

COCONINO CO.
SCALE 1"=200'

APPROX ¼ LINE

APPROX ¼ LINE

T.16N. R.12E.

T.16N. R.13E.

13+18
24+19

LOT 10

APPROX ¼ LINE

LOT 11

APPROX ¼ LINE

LOT 8

LOT 7

APPROX MID-SEC LINE

FOREST BOUNDARY

℄ AS BUILT
CURVE DATA
PI STA 1367+00.26

MAIN CURVE
Δ=28°03'
D=3°10'59"
L=881.22'
R=1800'

SPIRAL
Δ=2°48'
L=175.93'

TOTAL CURVE
DEF=33°39'
T=632.49'
L=1233.08'

SE¼ NE¼ COCONINO

LOT 3

3-384

LOT 12

1320 1325 1330 1335 1340 1345 1350 1355 1360 1365 1370

APPROX TOWNSHIP LINE

LOT 4

NATIONAL

LOT 2

TS 1360+67.77

SC 1362+43.70

CS 1373+24.86

ST 1373+00.95

N20°24'30"E

100' 100'

LINE

EXIST R/W

AS BUILT ℄

N54°03'30"E

100' 100'

18+19

24+19

SE¼ SE¼

MATCH

NE¼ SE¼

LOT 1

3-384

LOT 5

APPROX SECTION LINE

FOREST

POC 1366+75

END R/W PROJECT
87 CN 273 H2849 05R

APPROX ¼ LINE

NE¼ NE¼

LOT 9

APPROX MID-SEC LINE

LOT 6

APPROX ¼ LINE

SPECIAL NOTE:
ALL SPIRALS ON RIGHT OF WAY LINES ARE CHORDED AS PER A.D.O.T. STANDARDS

Click here for SR 87 Index

REVISIONS				DRAWING NO.	D-3-T-653	ARIZONA DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION RIGHT OF WAY PLANS SERVICES
C.O. NO.	DATE	BY	DESCRIPTION	HARD COPY		
				DRAWN/DATE	E.J.B. 8/90	
				CHECKED/DATE	S.P.A. 8/90	HIGHWAY PAYSON - WINSLOW
				ACEVEDO PATEL & ASSOCIATES	1505 E. Glendale Avenue Phoenix, Arizona 85020 Phone (602) 265-9550	PROJECT NO. F-073-1-719
				ROUTE SR 87	LOCATION GILA COUNTY LINE - FOREST BOUNDARY	

Click here for SR 87 Index

① CURVE DATA
PI=657+28.97
Δ=0°54'58"
T=32.75'
L=65.51'
R=4097.14'

① RECORDED CURVE DATA
D=1°23'54"
L=65.47'
R=4097.14'

② CURVE DATA
PI=679+08.61
Δ=14°03'41"
T=407.54'
L=810.98'
R=3304.49'

② RECORDED CURVE DATA
D=1°44'02"
L=811.80'
R=3304.49'

③ CURVE DATA
PI=707+63.69
Δ=14°48'13"
T=469.76'
L=934.30'
R=3616.09'

③ RECORDED CURVE DATA
D=1°35'04"
L=932.05'
R=3616.09'

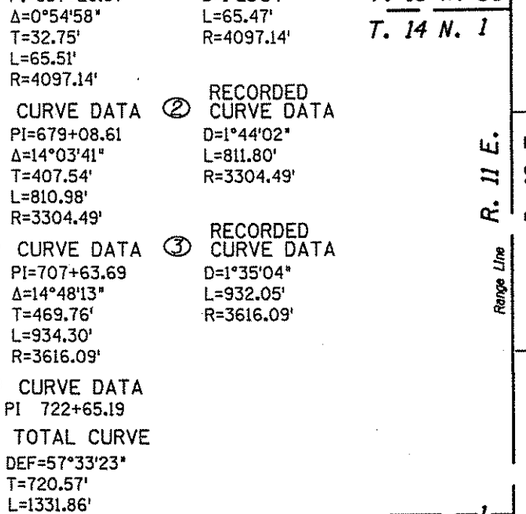
④ CURVE DATA
PI 722+65.19

TOTAL CURVE
DEF=57°33'23"
T=720.57'
L=1331.86'

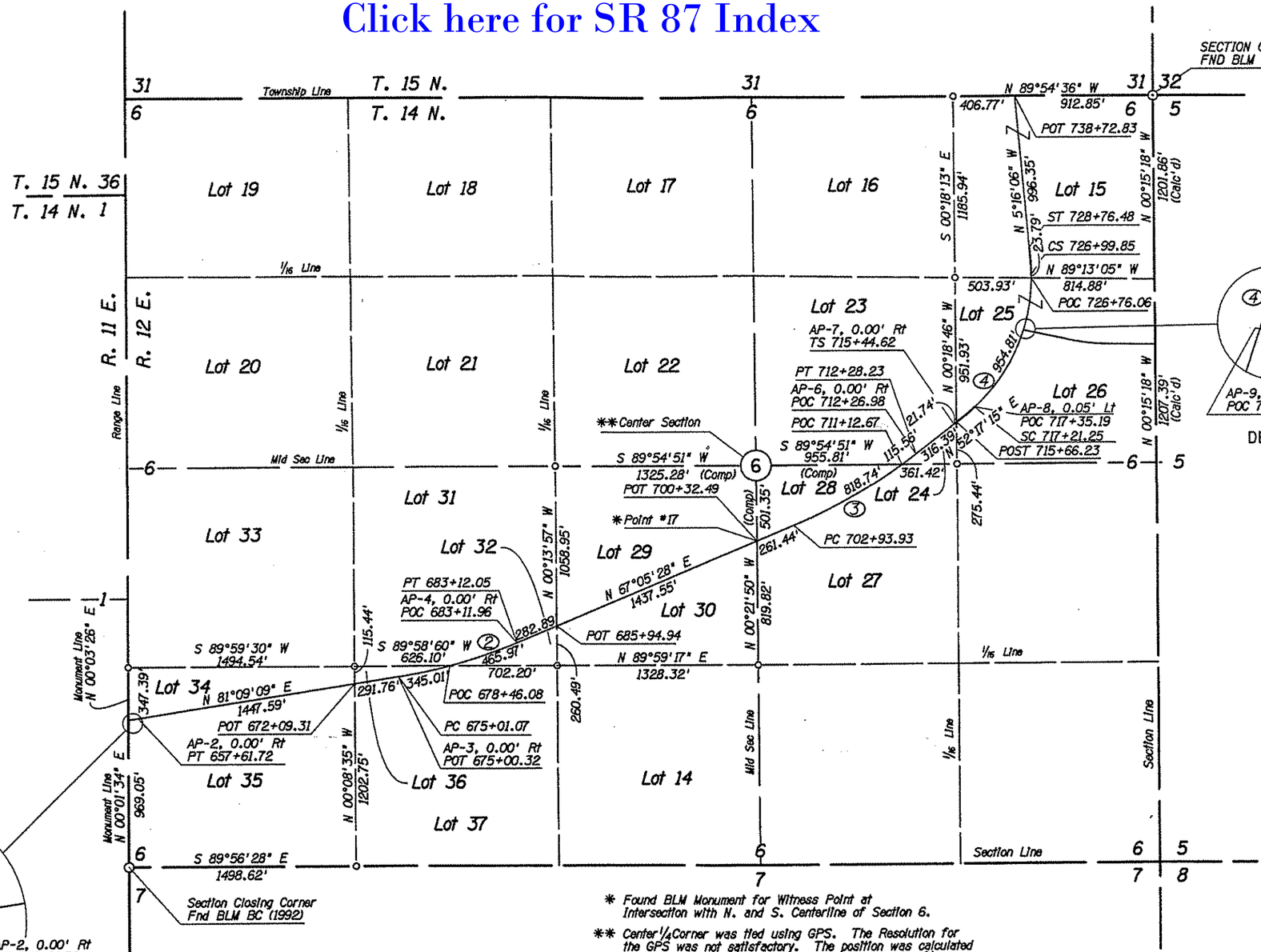
MAIN CURVE
Δ=48°45'23"
D=4°58'56"
L=978.60'
R=1150.00'

SPIRAL
Δ=4°24'00
u=117.79'
v=58.91'
x=176.53'
y=4.52'
L=176.63'

RECORDED SPIRAL
Δ=5°10'03
L=190.54'



DETAIL



* Found BLM Monument for Witness Point at Intersection with N. and S. Centerline of Section 6.

** Center 1/4 Corner was tied using GPS. The Resolution for the GPS was not satisfactory. The position was calculated between the 1/16 Corners on each Side of the Center 1/4 Corner.

NOTES:

1. Centerline of SR 87 was established using found BLM Monuments on centerline and all curves were fit using the P.I. lines and the BLM Record Radius of each curve.
2. Spiral lengths used were based on ADOT R/W drawings for project F-073-1-719 (TRACS NO. 87 CN 273 H 2849 05R).
3. Bearings and distances along the West line of Lot 34 and Lot 35 are Measured between monuments and may not be on actual Section line.

o = Found Sixteenth Corner BLM Monuments

AP = BLM Monuments Found with Metal Locator

CERTIFICATE OF SURVEY

I, Norman L. Smith, of Phoenix, Arizona do hereby certify that this map was prepared from field notes taken during an actual survey made under my direction; that this map correctly shows the results of said survey and that the monuments found or set are as shown.

REGISTERED LAND SURVEYOR CERTIFICATE NO. 21790 NORMAN L. SMITH Date Signed 4-14-98 ARIZONA U.S.A.

Norman L. Smith
AZ Reg. No. RLS21790

Basis of bearings: NGS NAD 83, Arizona Central Zone
RESULTS OF SURVEY

RESULTS OF SURVEY

℄ OF S.R. 87 IN SECTION 6, T. 14 N., R. 12 E.,
GILA AND SALT RIVER MERIDIAN, COCONINO COUNTY, ARIZONA

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION
9197	1-26-98	RCO	ADDED THIS SHEET

DRAWING NO.	D-3-T-653
HARD COPY	
DRAWN	KD 11/97
CHECKED	NS 11/97
	AZTEC ENGINEERING
ROUTE	S.R. 87
SECTION	GILA COUNTY LINE - FOREST BOUNDARY

ARIZONA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLANS SECTION
HIGHWAY: PAYSON - WINSLOW HWY.
PROJECT NO. F-073-1-719
TRACS NO. 87 CN 273 H2849 05R