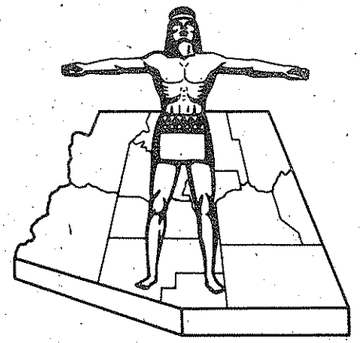
FINALIZED: C.O. 5114, 4-12-78 - R.L.R.



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STATE OF ARIZONA
STATE HIGHWAY DEPARTMENT

RIGHT OF WAY PLAN OF THE

MESA — PAYSON

STATE HIGHWAY

PROJECT NO. F-053-1-803

GILA

COUNTY

FED.ROAD DIV. NO.	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
7	ARIZ.	F-053-1-803	1	17

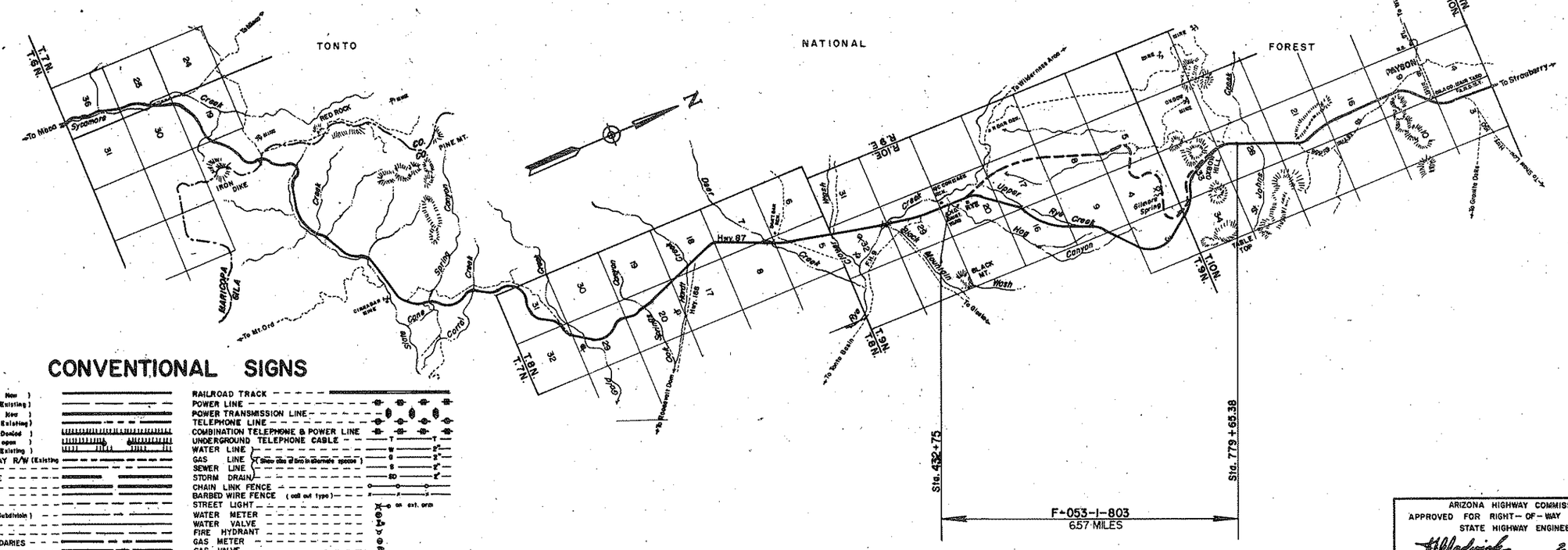
RIGHT OF WAY MAP NO. D-4-T-334

ALIGNMENT, RIGHT OF WAY, AND CONTROL OF ACCESS APPROVED IN ACCORDANCE WITH HIGHWAY PLANS.
SHEET 1 THRU. 16
DATE July 6, 1967 — ASSISTANT STATE ENGINEER

APPROVED IN ACCORDANCE WITH RESOLUTION DATED: JULY 25, 1960, MINUTES OF THE ARIZONA HIGHWAY COMMISSION RES. NO.: 60-14

A.F.E. NO. 87018

FINALIZED



CONVENTIONAL SIGNS

HIGHWAY CENTER LINE (New) (Existing)
HIGHWAY R/W LINE (New) (Existing)
CONTROLLED ACCESS (Denied) (open) (Existing)
R.R. R/W COMMON to HIGHWAY R/W (Existing)
R.R. R/W LINE
TOWNSHIP and RANGE LINE
SECTION LINE
1/4 LINE or MID. SEC. LINE
1/16 LINE
PROPERTY LINE (not part of a Subdivision)
SUBDIVISION or LOT LINE
ORIGINAL LOT LINE
STATE and NATIONAL BOUNDARIES
COUNTY LINE
CITY LIMITS
LAND GRANTS BOUNDARIES
FOREST, NATIONAL MONUMENTS, MILITARY BASES and INDIAN RESERVATION
SURVEY MEANDER LINE
NEW R/W CONTROL POINT
EXISTING R/W CONTROL POINTS
EXISTING R/W MARKER
PARCEL NUMBER (7-001)

RAILROAD TRACK
POWER LINE
POWER TRANSMISSION LINE
TELEPHONE LINE
COMBINATION TELEPHONE & POWER LINE
UNDERGROUND TELEPHONE CABLE
WATER LINE
GAS LINE (Show size of bro in diamond spaces)
SEWER LINE
STORM DRAIN
CHAIN LINK FENCE
BARBED WIRE FENCE (call out type)
STREET LIGHT (on ext. arm)
WATER METER
WATER VALVE
FIRE HYDRANT
GAS METER
GAS VALVE
DOWN GUY
MANHOLE (existing)
ROAD (existing)
PROPERTY ANCHOR BARS
PROPERTY LIMITS ARROWS
TRAFFIC FLOW ARROWS
CANAL, CHANNEL or DITCH
BRIDGE
BOX CULVERTS
CATTLE GUARD
RIVER

REDUCED SIZE
DO NOT SCALE

ARIZONA HIGHWAY COMMISSION
APPROVED FOR RIGHT-OF-WAY ACQUISITION
STATE HIGHWAY ENGINEER
H.H. Wadsack — DEPUTY STATE ENGINEER — 2-6-67 DATE

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
APPROVED:
DIVISION ENGINEER — DATE

MESA-PAYSON HWY.
RYE-OXBOW HILL SEC.
GILA COUNTY

Click here for SR 87 Index

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
1499	3/16/67	T.W.M.	Changed of ux to S/S on 4-049
2072	9-24-68	Mr.	Chngd. Sheet No. to 17 Added Par.
"	"	"	4-048-A
4655	11-5-76	WDS	Revised Sht. No. Par. 4-048
5114	4-12-78	R.L.A.	FINALIZED.

PROJECT NO.	F-053-1-803
DRAWING NO.	D-4-T-334
SHEET NO.	2 OF 17
DRAWN BY	D.G. MATCHETTE
DATE COMP.	1-13-67
SCALE	

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 NUMBER		COMMISSION APPROVAL	TYPE DATE OF INSTRUMENT	RECORDED DATE	RECORDED BOOK	RECORDED PAGE
4-048	U.S.A., ~~TONTO NATIONAL FOREST~~ DEPT. OF TRANSPORTATION, F.HW.A.	Part Sec. 3, E. 1/2 Sec. 9, N.W. 1/4 Sec. 10, S.W. 1/4 & N. 1/2 Sec. 16, S.E. 1/4 Sec. 17, N. 1/2 Sec. 20, T9N, R10E; S.W. 1/4 Sec. 28, Part Sec. 33, S.W. 1/4 Sec. 34, T10N, R10E.	Unknown	297.9 Ac.	271.1 Ac.	0.1 Ac.			5-17		3-16-77	Easement Deed 2-7-77	4-1-77	423	773-9
4-049	CHARLES H. CONNOLLY S/S	Part E. 1/2 S.W. 1/4 Sec. 20, T9N, R10E.	9.0 Ac.	0.1 Ac.	0.1 Ac.			8.9 Ac.	4 & 5		4-14-67	Esmt. 3-20-67	5-22-67	212	566
4-048-A	U.S.A., ~~TONTO NATIONAL FOREST~~ DEPT. OF TRANSPORTATION, F.HW.A.	N. 1/2 Sec. 20, T9N, R10E.	Unknown	TEMP.	CONSTR.	EASE.	ONLY		17		3-21-69	S.U.P. 11-6-68	NOT RECORDED		

FINALIZED

REDUCED SIZE
DO NOT SCALE

CHECKED BY. [signature]

HARD COPY.

MESA–PAYSON HWY.
RYE–OXBOW HILL SECTION
GILA COUNTY

Click here for SR 87 Index

REVISIONS				PROJECT NO.	F-053-1-803
C.O. No.	DATE	BY	DESCRIPTION	DRAWING NO.	D-4-T-334
1600	6-22-67	Malley	Corrected Sta. Begin Proj. fr. 497+00 to 434+00	SHEET NO.	3 OF 17
1650	7-28-67	E. Ross	Corrected Sta. Begin Proj. fr. 434+00 to 432+75	DRAWN BY	D.G. Matchette
2012	9-2068	Mc.	Change Sheet Nos. to 17 Added Sheet 17 to	DATE COMP.	10-31-66
"	"	"	V.M.C. Corrected Scale	SCALE	1"=1000'
5114	4-12-70	R.L.R.	FINALIZED.		

FINALIZED

CHECKED BY. Kaiser Marsden

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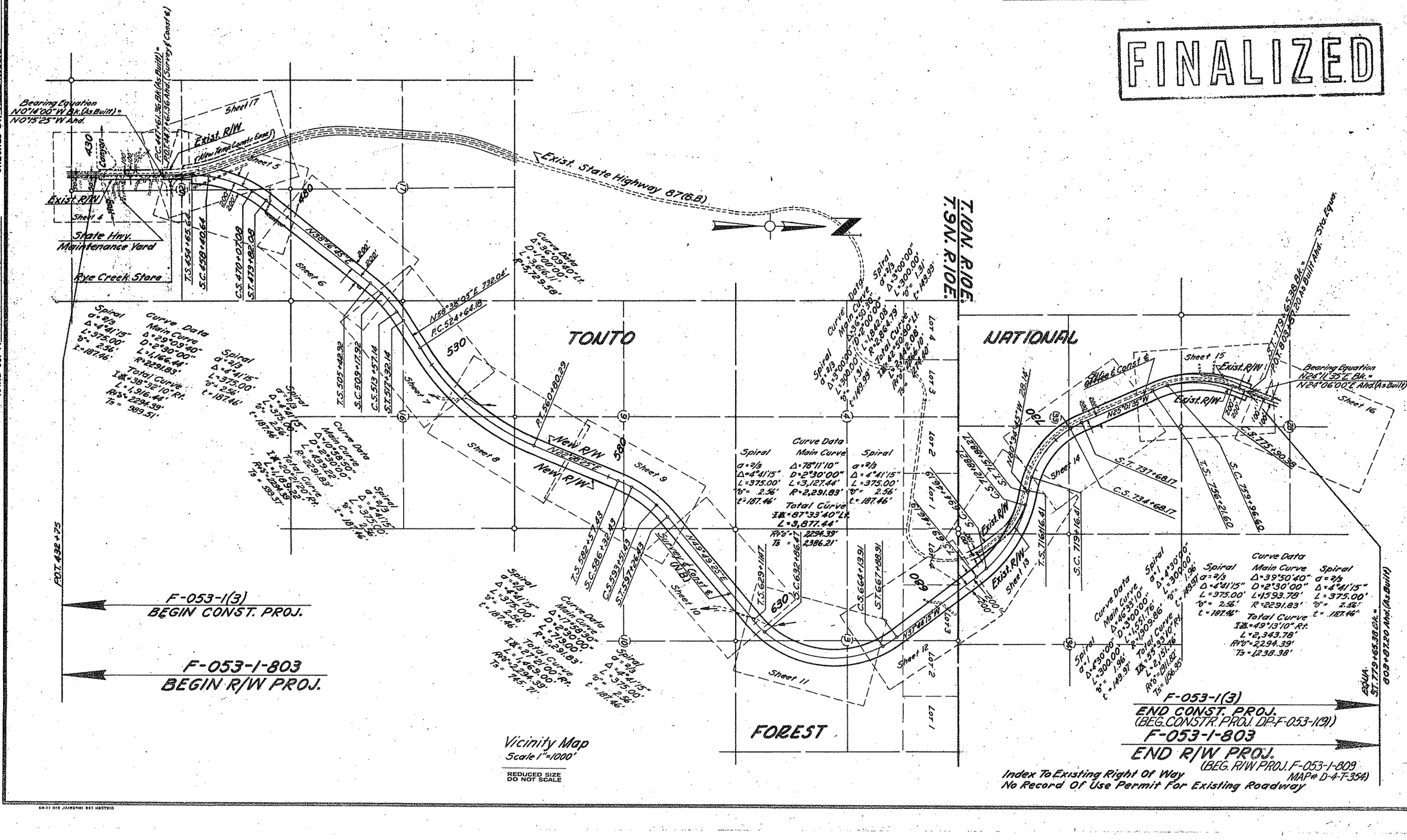
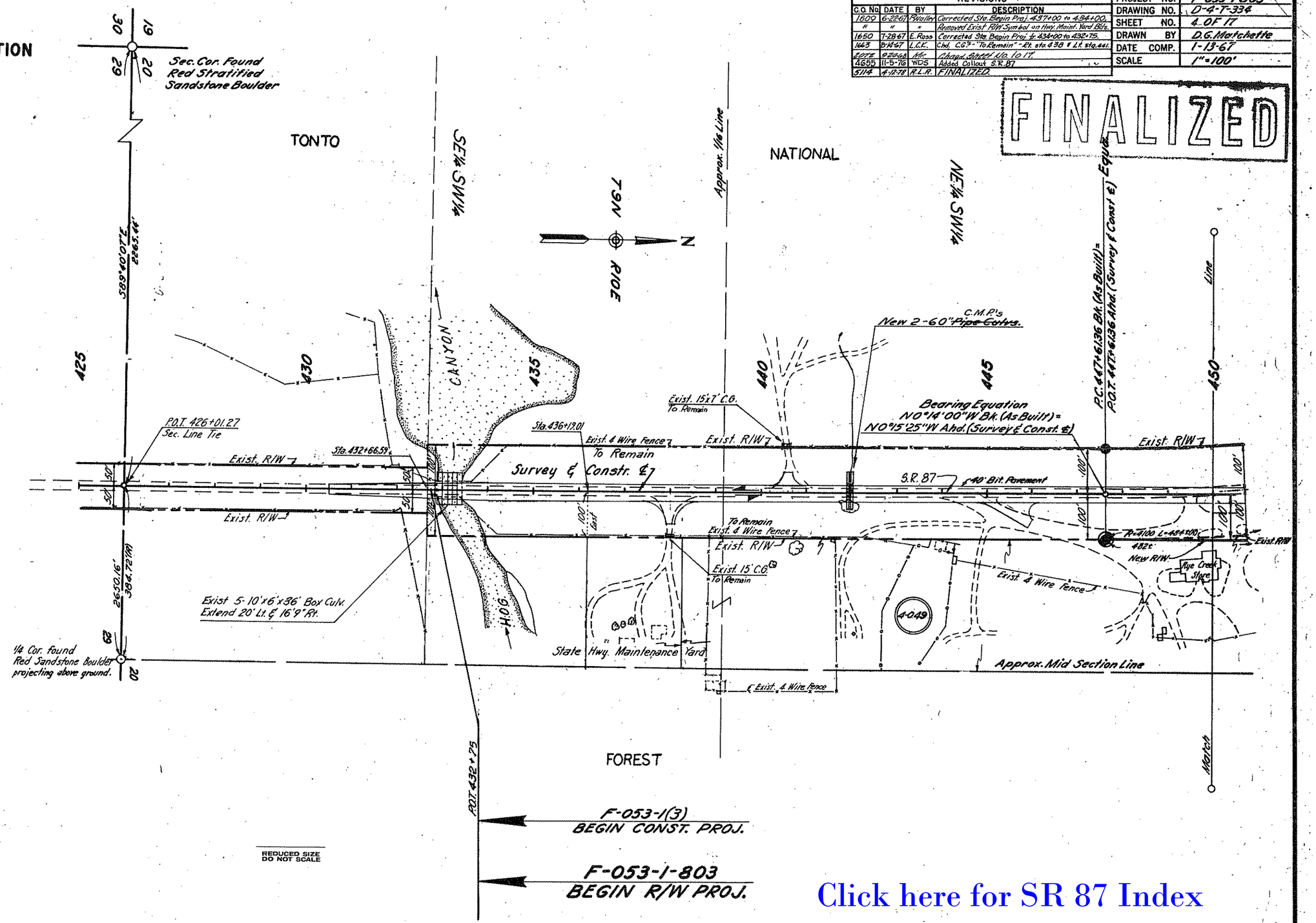


MESA-PAYSON HWY.
RYE-OXBOW HILL SECTION
GILA COUNTY

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
1609	6-28-67	R.Walley	Corrected Sta. Begin Proj. 437+00 to 434+00.
"	"	"	Removed Exist R/W Symbol on Hwy. Maint. Yard Bds.
1650	7-28-67	E. Ross	Corrected Sta. Begin Proj. to 434+00 to 432+75.
1663	8-14-67	L.C.K.	Chd. C.G.'s - "To Remain" - Rt. sta. 438 & Lt. sta. 441.
2072	9-24-68	Mc	Chgd. Sheet No. 1 of 17.
4655	11-5-76	WDS	Added Callout S.R. 87
5114	4-12-78	R.L.R.	FINALIZED.

PROJECT NO.	F-053-1-803
DRAWING NO.	D-4-T-334
SHEET NO.	4 OF 17
DRAWN BY	D.G. Matchette
DATE COMP.	1-13-67
SCALE	1" = 100'

FINALIZED



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MESA–PAYSON HWY.
RYE–OXBOW HILL SECTION
GILA COUNTY

REVISIONS				PROJECT NO.	F-053-1-803
C.O. No.	DATE	BY	DESCRIPTION	DRAWING NO.	D-4-T-334
1609	6-2261	Walley	Added New 20' Rd., Type 1 Gate, & Fence Note	SHEET NO.	5 OF 17
"	"	"	Corrected Location of 10'x8' Box Culv.	DRAWN BY	D.G. Matchette
1663	8-14-67	L.C.K.	Called out exist. fencing & added telephone line	DATE COMP.	1-13-67
2072	9-26-68	Mr.	Changed Sheet No. to 17. Added Note.	SCALE	1"=100'
4655	11-5-76	WDS	Added S.R. 87 Callout & L.T.B.'s		
5114	4-27-78	V.L.R.	FINALIZED		

FINALIZED

CHECKED BY: [illegible]

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TONTO NATIONAL FOREST

Exist. Hwy. Curve Data
Δ=20°12'00"
D=1°25'57"
R=4000'
L=1410.23'

200' Lt. P.O.C. 461+21.65 (Survey & Constr. ℄)

SE¼NW¼

NE¼NW¼

4-048

New 20' Rd.

New Type 1 Gate

New 4 Wire Fence Bottom Strand Barbless

New 10'x8' Box Culv. Cattle Pass

P.I. 464+55.15

Approx. Mid Section Line

N.B. Survey & Constr. ℄

36' Bit. Pavement

New R/W

Exist. 4 Wire Fence

Exist. R/W

New Chan.

To Remain Exist. 4 Wire Fence

Exist. 4 B.W. Fence Remove Within R/W

New Dykes

Exist R/W

New R/W

Rye Creek Bridge

Sur. & Constr. ℄ Curve Data
Total Curve
I = 38°32'10" Rt.
L = 1,916.44'
R = 2294.39'
Ts = 989.51'

Main Curve
Δ = 29°09'40"
D = 2°30'00"
R = 2,291.83'
L = 1,166.44'

Spiral
a = 2/3
Δ = 4°41'15"
L = 375.00'
"o" = 2.56'
t = 187.46'

T.S. 454+65.64
S.C. 458+40.64
Lt. to N 4°22'30" E

C.S. 470+07.09
Lt. to N 33°53'30" E

S.T. 473+82.08

N38°16'45"E

New Chan. & Dyke

T. 9 N.
R. 10 E.
Sec. 20

SW¼NE¼

NW¼NE¼

Approx. ¼ Line

NOTE: See Sheet 17 of 17 for New Temp. Constr. Ease.

REDUCED SIZE DO NOT SCALE

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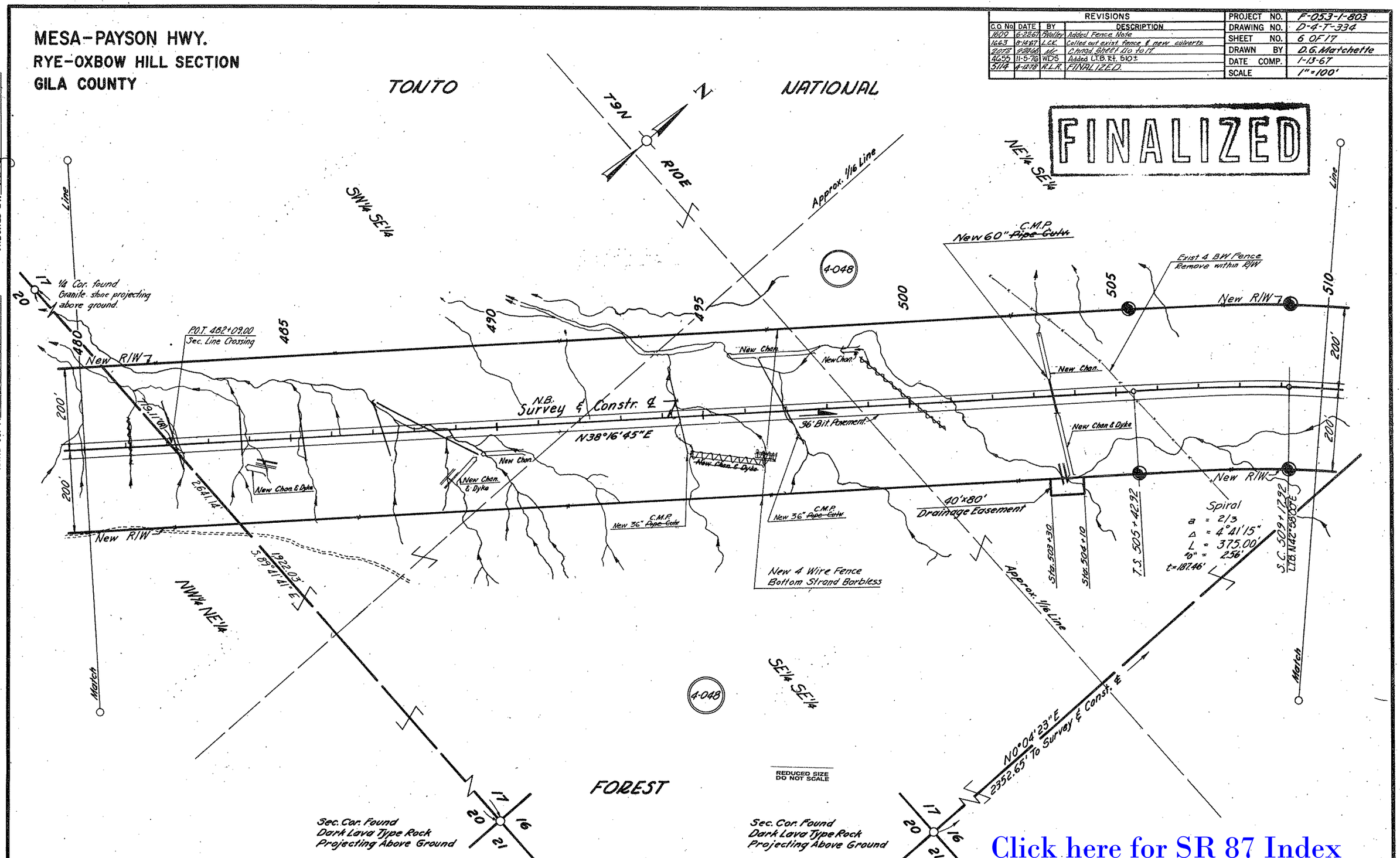
MESA-PAYSON HWY.
RYE-OXBOW HILL SECTION
GILA COUNTY
REVISIONS
C.O. No. | DATE | BY | DESCRIPTION
1609 | 6-22-67 | R.Valley | Added Fence Note
1663 | 8-14-67 | L.C.K. | Called out exist. fence & new culverts.
2072 | 9-24-68 | MC | Chngd. Sheet No. to 17
4655 | 11-5-76 | WDS | Added L.T.B. Rt. 510±
5114 | 4-12-78 | R.L.R. | FINALIZED.
PROJECT NO. F-053-1-803
DRAWING NO. D-4-T-334
SHEET NO. 6 OF 17
DRAWN BY D.G. Matchette
DATE COMP. 1-13-67
SCALE 1"=100'
FINALIZED
TONTO NATIONAL FOREST
T9N
R10E
N
Approx. 1/16 Line
SW¼ SE¼
NE¼ SE¼
NW¼ NE¼
SE¼ SE¼
4-048
New 60" C.M.P. Pipe Culv.
Exist 4 BW Fence Remove within R/W
New R/W
1/4 Cor. found Granite stone projecting above ground.
P.O.T. 482+09.00 Sec. Line Crossing
N.B. Survey & Constr. ℄
N38°16'45"E
36' Bit. Pavement
New Chan.
New Chan. & Dyke
New 36" C.M.P. Pipe Culv.
40'x80' Drainage Easement
New 4 Wire Fence Bottom Strand Barbless
Sta. 503+30
Sta. 504+10
T.S. 505+42.92
S.C. 509+17.92
L.T.B. N42°58'00"E
Spiral
a = 2/3
Δ = 4°41'15"
L = 375.00'
"0" = 2.56'
t=187.46'
2,641.14'
1922.03'
S.89°41'41"E
N0°04'23"E
2352.65' To Survey & Const. ℄
Sec. Cor. Found Dark Lava Type Rock Projecting Above Ground
REDUCED SIZE DO NOT SCALE
Match
Line
CHECKED BY.
HARD COPY. 6683 M2-M7
Click here for SR 87 Index

MESA-PAYSON HWY.
RYE-OXBOW HILL SECTION
GILA COUNTY

REVISIONS				PROJECT NO.	F-053-1-803
C.O. No.	DATE	BY	DESCRIPTION	DRAWING NO.	D-4-T-334
1609	6-22-67	P.Valley	Corrected Total Curve Length - added Fence Note	SHEET NO.	7 OF 17
2072	9-29-68	MC	Annual Sheet No. to 17	DRAWN BY	D.G.Matchette
4655	11-5-76	WDS	Added L.T.B.'s	DATE COMP.	1-13-67
5114	4-12-78	R.L.R.	FINALIZED.	SCALE	1"=100'

FINALIZED

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TONTO NATIONAL

T9N R10E

N

SW¼ NW¼

4-048

Approx. ¼ Line

NE¼ NW¼

NE¼ SE¼

¼ Cor. found. Granite stone projecting above ground

New R/W

P.O.C. 512+44.68
L.T.B. N.51°08'08"E.

P.I. 511+42.29

Δ = 26°34'95"
28°30' (R)

200'

N.0°04'23"E
2352.65'

New R/W

Sur. & Constr. & Curve Data
Total Curve
Δ = 20°21'20" Rt.
L = 1,189.22'
At 6° = 2294.39'
Ts = 599.37'

Main Curve
Δ = 10°58'50"
D = 2°30'00"
R = 2,291.83'
L = 439.22'

Match

C.S. 513+57.14
L.T.B. N.53°06'50"E.

C.M.P.
New 48" ~~Pipe Culv.~~

Spiral
a = 2/3
Δ = 4°41'15"
L = 375.00'
"o" = 2.56'
t = 187.46'

S.T. 517+32.14

New Channel & Dyke

N.58°38'05"E

36' Bit. Pavement

P.C. 524+64.18

N.B. Survey & Constr. ℄

Curve Data
Δ = 36°09'40" Lt.
D = 1°00'00"
R = 5,729.58'
L = 3,616.11'

New 4 Wire Fence
Bottom Strand Barbless

NW¼ SW¼

SE¼ NW¼

Approx. ¼ Line

Approx. Mid Section Line

FOREST

4-048

New R/W

200'

Match

REDUCED SIZE
DO NOT SCALE

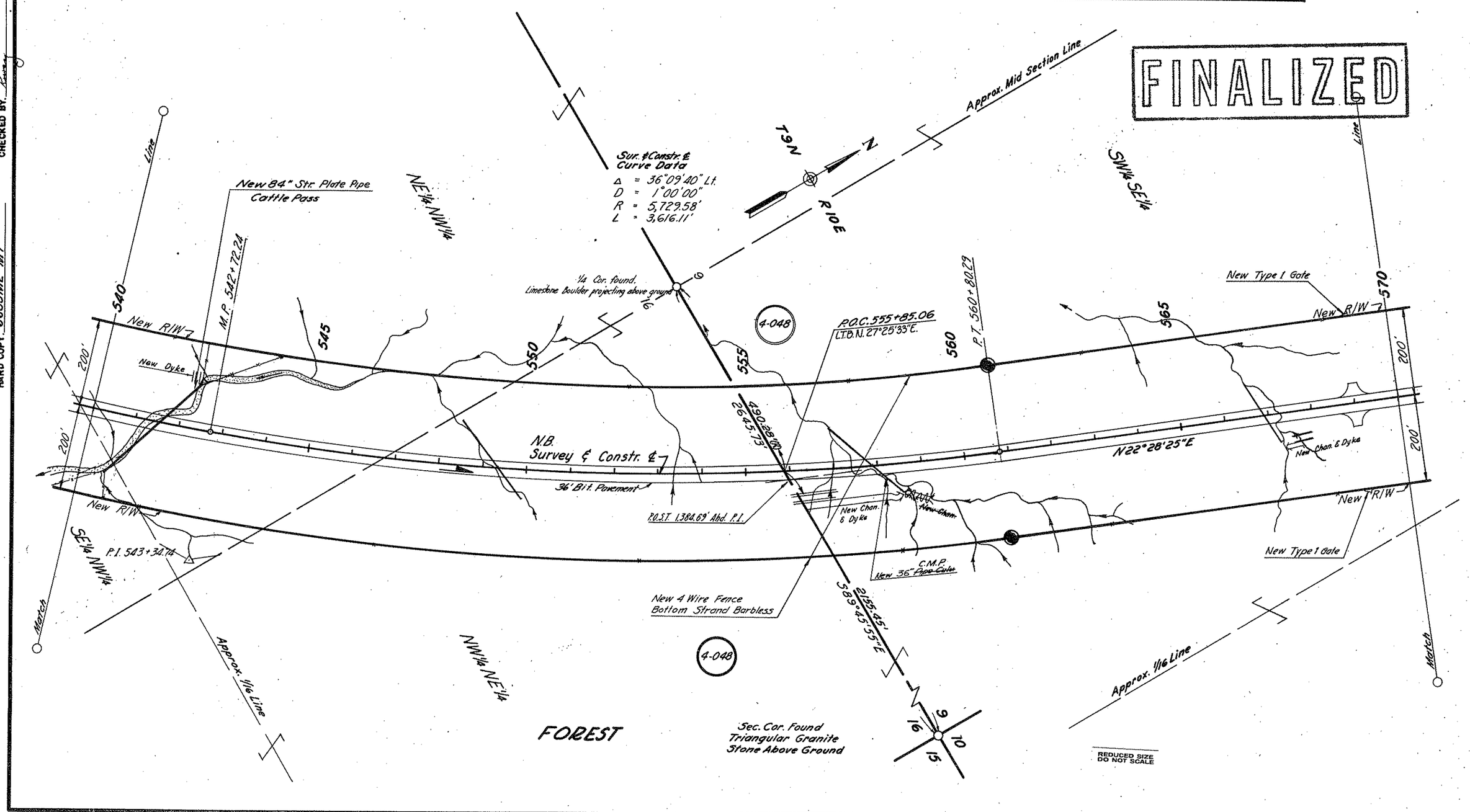
Click here for SR 87 Index

MESA-PAYSON HWY.
RYE-OXBOW HILL SECTION
GILA COUNTY

Click here for SR 87 Index

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
1609	6-22-67	Walley	Corrected Brg. N22°25'25"E to N22°28'25"E.
"	"	"	Added Turnouts, Gates, & Fence Note.
1663	8-14-67	L.C.K.	Called out existing fencing & culverts. Chgd.
"	"	"	cattle pass (Sta. 542) from pipe culv. to
"	"	"	Str. Plate Pipe. Added wing fences to same.
2072	9-24-68	Mr.	Chngd. Sheet No. to 17.
4655	11-8-76	WDS	Added L.T.B. Lt. P.O.C. 555+85.06
5114	4-12-78	R.L.R.	FINALIZED.

PROJECT NO.	F-053-1-803
DRAWING NO.	D-4-T-334
SHEET NO.	8 OF 17
DRAWN BY	D.G. Matchette
DATE COMP.	1-13-67
SCALE	1"=100'



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MESA-PAYSON HWY.
RYE-OXBOW HILL SECTION
GILA COUNTY

REVISIONS				PROJECT NO.	F-053-1-803
C.O. No	DATE	BY	DESCRIPTION	DRAWING NO.	D-4-T-334
1609	6-22-67	Malley	Added Fence Note	SHEET NO.	9 OF 17
2078	9-24-68	MC	Chang Sheet No. to 17	DRAWN BY	D.G. Matchette
4655	11-8-76	WDS	Added L.T.B.'s	DATE COMP.	1-13-67
5114	4-13-78	R.L.R.	FINALIZED.	SCALE	1"=100'

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TONTO NATIONAL FOREST

FINALIZED

Approx. 1/16 Line

NW¼ SE¼

SE¼ NE¼

4-048

570 575 580 585 590 595 600

New R/W

200'

New Chan. & Dyke

N.B. Survey & Constr. ℄

P.I. 590+03.14

36' Bit Pavement

N22°28'25"E

N49°49'25"E

T.S. 582+57.43

Spiral
a = 2/3
Δ = 4°41'15"
L = 375.00'
"D" = 2.56'
t = 187.46'

S.C. 586+32.43
L.T.B. N 27°09'40"E

Sur. & Constr. ℄ Curve Data
Total Curve
I = 27°21'00" Rt.
L = 1,469.00'
R "D" = 2294.39'
Ts = 745.71'

Main Curve
Δ = 17°58'30"
D = 2°30'00"
R = 2,291.83'
L = 719.00'

C.S. 593+51.43
L.T.B. N 45°08'10"E

S.T. 597+26.43

Spiral
a = 2/3
Δ = 4°41'15"
L = 375.00'
"D" = 2.56'
t = 187.46'

New 4 Wire Fence
Bottom Strand Barbless

T. 9 N.
R. 10 E.

N0°00'48"E 2637.52' To Sec. Cor.
1222.08'

1/4 Cor. Found
Brown Stained Granite Boulder
Projecting Above Ground

9 10

Approx. Mid Section Line

Section Line

NE¼ SE¼

SW¼ NW¼

Match

Match

REDUCED SIZE
DO NOT SCALE

Click here for SR 87 Index

MESA–PAYSON HWY.
RYE–OXBOW HILL SECTION
GILA COUNTY

TONTO NATIONAL FOREST

REVISIONS				PROJECT NO.	F-053-1-803
C.O. No.	DATE	BY	DESCRIPTION	DRAWING NO.	D-4-T-334
1609	6-22-67	Pfolley	Added Cattle Pass & Fence Notes, Added Turn	SHEET NO.	10 OF 17
"	"	"	out & New Gates	DRAWN BY	D.G. Matchette
1663	8-14-67	L.C.K.	Added corner ist. Fencing & chan. Added wing	DATE COMP.	1-13-67
"	"	"	fences.	SCALE	1"=100'
2072	9-28-68	Mr.	Changed Sheet 10 to 17.		
5114	6-12-78	R.L.R.	FINALIZED.		

FINALIZED

Sec. Cor. Found Granite Stone Projecting Above Ground.

SW¼ SW¼

SE¼ SW¼

NW¼ NW¼

T 9 N

R 10 E

N

4-048

2637.52' N0°00'48"E 1415.44'(R)

1,669.93' 2,644.82'

156" Str. Plate Pipe Cattle Pass

New Type 1 Gate

C.M.P. New 48" Pipe Culv.

T.S. 629+11.47

New Channels

New R/W

Line

600 605 610 615 620 625 630

P.O.T. 600+61.74 Sec. Line Crossing

200'

122.08'

P.O.T. 622+47.63 Sec. Line Crossing

New Chan.

N.B. & Survey & Constr.

N 49°49'25"E

36' Bit. Pavement

New 4 Wire Fence Bottom Strand Barbless

New Type 1 Gate

Exist 4 B.W. Fence Remove Within R/W

S 89°49'14" E. 974.99'(R)

¼ Cor. Found Brown stained granite boulder projecting above ground.

March

Approx. Mid-Sec. Line

SW¼ NW¼

Approx. 1/16 Line

NE¼ NW¼

4-048

FOREST

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REDUCED SIZE DO NOT SCALE

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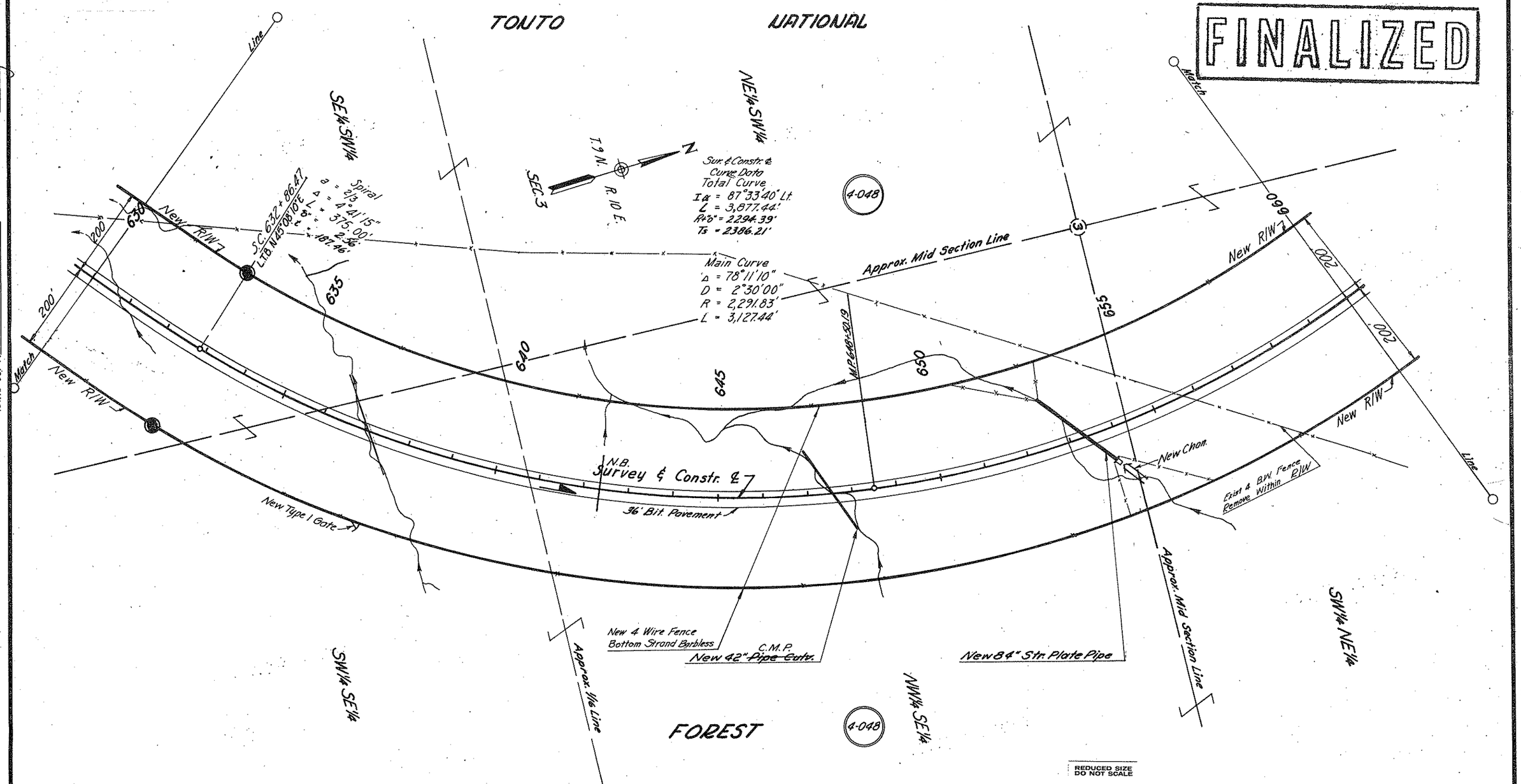
MESA-PAYSON HWY.
RYE-OXBOW HILL SECTION
GILA COUNTY

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
1609	6-22-67	F.Walley	Added Fence Note
1663	8-14-67	L.C.K.	Called out exist. fence. Added wing fences.
2072	9-24-68	Mr.	Chmd. Sheet No. to 17
4655	11-8-76	WDS	Added L.T.B. Lt. 632+86.47
5114	4-12-78	R.L.R.	FINALIZED.

PROJECT NO.	F-053-1-803
DRAWING NO.	D-4-T-334
SHEET NO.	11 OF 17
DRAWN BY	D.G. Matchette
DATE COMP.	1-13-67
SCALE	1" = 100'

FINALIZED



REDUCED SIZE DO NOT SCALE

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MESA-PAYSON HWY.
RYE-OXBOW HILL SECTION
GILA COUNTY

FINALIZED

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
1609	6-22-67	Hatley	Added Fence Note
1663	8-14-67	L.C.K.	Called out exist. fencing & pipe culv. Added wing fences. Removed chain. -21, Sta. 688.
"	"	"	
2072	9-22-68	MC	Chged. Sheet No. to 17
4655	11-8-76	WDS	Added L.T.B. Lt. 664+13.91
5114	4-12-77	R.L.R.	FINALIZED.

PROJECT NO.	F-053-1-803
DRAWING NO.	D-4-T-334
SHEET NO.	12 OF 17
DRAWN BY	D.G.Matchette
DATE COMP.	1-13-67
SCALE	1" = 100'

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TONTO NATIONAL FOREST

T9N R10E

T10N R10E

Sec. Cor. Found Granite Stone Projecting Above Ground.

Sec. 33

Sec. 34

N1/4 NW1/4 Sec. 35

N1/4 NW1/4 Sec. 3

SW1/4 NE1/4 Sec. 2

SW1/4 SW1/4 Sec. 35

Approx. 1/16 Line

Approx. Lot Line

Approx. Mid Section Line

Projected

Line

Match

Match

Lot 4

Lot 3

Lot 2

4-048

4-048

ENTERPRIZE No. 2 (Not Valid)

ENTERPRIZE No. 1 (Not Valid)

Mound Of Stone 3' Dia. & 2' High Glass Jar With Note

Curve Data

Total Curve
Δ = 87°33'40" Lt.
L = 3,877.44'
R = 2294.39'
T = 2386.21'

Main Curve
Δ = 78°11'10"
D = 2°30'00"
R = 2,291.83'
L = 3,127.44'

Spiral
a = 2/3
Δ = 4°41'15"
L = 375.00'
x = 2.56'
t = 187.56'

C.S. 664+13.91
L.T.B. N 33°03'00" W

S.T. 667+88.91

P.O.T. 686+04.18
Sec. Line Crossing

N 33°56'34" E
2620.33'
1,379.93 (M)

New R/W

New Type I Gate

New 36" C.M.P. Pipe Culv.

New 96" Stn. Plate Pipe Cattle Pass

New 48" C.M.P. Pipe Culv.

New Chan.

N.B. Survey & Constr. ℄

N37°44'15"W 36' Bit. Pavement

Exist 4 B.W. Fence Remove Within R/W

New 4 Wire Fence Bottom Strand Barbless

Township Line
1240.40'

1/4 Cor. Found Granite Boulder Projecting Above Ground.

665 670 675 680 685 690

200'

REDUCED SIZE DO NOT SCALE

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FINALIZED

MESA-PAYSON HWY.
RYE-OXBOW HILL SECTION
GILA COUNTY

REVISIONS			
C.O. No	DATE	BY	DESCRIPTION
1600	6-22-67	Holley	Added Fence Notes.
1663	8-14-67	LCK	Added call outs concerning exist. fencing,
"	"	"	channels and pipe culverts.
20772	9-28-68	Mfc	Changed Sheet No. to 17
3216	7-27-76	DWS	REVISED AS-BUILT INFORMATION - SEE C.O.
4655	11-8-76	WDS	Added L.T.B.'s & Corrected 1/4 1/4 Sec. Callouts
5114	4-12-78	A.L.R.	FINALIZED.

PROJECT NO.	F-053-1-803
DRAWING NO.	D-4-T-334
SHEET NO.	190F17
DRAWN BY	D.G. Matchette
DATE COMP.	1-13-67
SCALE	1"=100'

CHECKED BY.

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TONTO

NATIONAL

FOREST

Sec. Cor. Found Granite Stone Projecting Above Ground.

T10N R10E

T9N R10E

Township Line

33 34 3

N 0°42'W (As Built) 812.71'

As Built Spiral Curve Data
Δ = 8°45'
L = 274.89'

As Built
Exist. Hwy. & Curve Data

Spiral	Total Curve	Spiral
Δ=3°36'00"	Δ=43°25'00"	Δ=3°36'00"
L=201.06'	L=1413.48'	L=201.06'

Main Curve
Δ=36°13'00"
D=3°34"52"
R=1600'
L=1011.36'

Survey & Constr. Curve Data

Spiral	Total Curve	Spiral
a=2/3	I℄=42°50'30" Lt.	a=2/3
Δ=3°00'00"	L=2,442.08'	Δ=3°00'00"
L=300.00'	R to ℄=2866.10'	L=300.00'
"o"=1.31'	T3=1274.40'	"o"=1.31'
t=149.99'	Main Curve	t=149.99'
	Δ=36°50'30"	
	D=2°00'00"	
	R=2864.79'	
	L=1842.08'	

E/W to be Acquired Under E/W Project F-053-1-603

Exist. R/W

New R/W

C.S. 716+44.51

T.S. 719+19.40

S.T. 724+55.47 AS BLT.

T.S. 691+46.19

200' Lt. P.O.C. 691+89.88

S.C. 694+76.19 L.T.B. N 40°44'15" W.

Exist. S.R. 87 - S.B.

690 695 700 705 710 715 720

200'

N 37°44'15" W

New R/W

New 36" C.M.P. Pipe Culv.

Match

New Chan. & Dykes

36' Bit. Pavement

N.B. Survey & Constr. ℄

525.54'

New Channel

P.O.C. 705+41.90
L.T.B. N 62°39'06" W

P.O.S.T. 265.25' Ahd. P.I.

P.I. Sta. 704+20.59

New 66" C.M.P. Pipe Culv.

New 4 Wire Fence Bottom Strand Barbless

Approx. 1/16 Line

T/MS T/MN

S.C. 726+56.53 AS BLT.

260547'

T.B. 5%

G92.85' N. 42°45'17" W.

4-048

200' Lt. P.O.C. 709+86.74
L.T.B. N. 68°32'55" W.
100' Lt. AS Built Sta. 733+24.74

C.S. 732+88.27
L.T.B. N. 77°34'45" W.

C.S. 736+67.89 AS BLT.

715 738+68.95
S.T. 715+88.27
AS BLT.

Approx. 1/16 Line

N 80°34'45" W

New R/W

Exist. R/W

Survey & Constr. ℄

Exist. R/W

1200' 1200'

New R/W

T.S. 716+16.41

T.S. 739+77.02 AS BLT.

S.C. 741+51.55 AS BLT.

S.C. 719+16.41 L.T.B. N. 76°08'45" W.

New 4 Wire Fence Bottom Strand Barbless

New 72" C.M.P. Pipe Culv.

Match

Exist 4 B.W. Fence Remove Within E/W

T/3S T/3N

N 0°15'10" E (R) 1226.22'

1/4 Cor. Found 1/4 Mark On Reddish Boulder Projecting Above Ground.

As Built Exist. Hwy. & Curve Data

Spiral	Total Curve	Main Curve
Δ=2°30'	Δ=55°56' Rt.	Δ=50°56'13"
L=174.53'	L=2126.97'	D=2°51'53"
		R=2000.00'
		L=1777.91'

Survey & Constr. ℄ Curve Data

Spiral	Total Curve	Main Curve
a=1	I℄=55°33'10" Rt.	Δ=46°33'10"
Δ=4°30'00"	R to ℄=1911.82'	D=3°00'00"
L=300.00'	L=2151.76'	R=1909.86'
"o"=1.96'	T3=1156.95'	L=1551.76'
t=149.97'		

REDUCED SIZE DO NOT SCALE

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MESA-PAYSON HWY.
RYE-OXBOW HILL SECTION
GILA COUNTY

REVISIONS			
C.O. No	DATE	BY	DESCRIPTION
1609	6-22-67	Whalley	Corr. ST. Sta. & Total Curve Length, Added Ctr. Sec. 33
"	"	"	& Fence Note
1663	8-14-67	L.C.K.	Called out exist. fence & new channels.
"	"	"	Added new type 1 gate-Lt. Sta. 647.
2072	9-26-68	Mc	Changed sheet No. to 17.
3216	DWB	7-27-78	REVISED AS-BUILT INFORMATION - SEE C.O.
4655	11-8-76	WDS	Added LT.B. Pl. 734+68.17
5114	4-12-78	R.L.R.	FINALIZED.

PROJECT NO.	F-053-1-803
DRAWING NO.	D-4-T-334
SHEET NO.	14 OF 17
DRAWN BY	D.G. Matchette
DATE COMP.	1-13-67
SCALE	1"=100'

FINALIZED

TONTO NATIONAL FOREST

Approx. 1/16 Line
NW¼ SE¼
Approx. Mid Section Line
NE¼ SW¼
Approx. Mid Section Line
NW¼ NW¼ SE¼
Approx. 1/16 Line
SW¼ NE¼
Approx. 1/16 Line
Approx. 1/16 Line
Match Line
Match Line

725 730 735 740 745 750

P.I. 727+73.36, Sur. & Constr. ℄
Exist. ℄
Exist. S.R. 87 S.B. 2
36' Bit. Pavement
New Chan.
New Dyke
Survey & Constr. ℄ N.B.
Exist. R/W
New Type 1 Gate
New R/W
Exist. R/W
New R/W
Exist. R/W
New Chan.
N 25°01'35" W
Exist. & B.W. Fence Remove Within R/W
New 54" C.M.P. Pipe Culv.
New 54" C.M.P. Pipe Culv.
New 42" C.M.P. Pipe Culv.
New 4 Wire Fence Bottom Strand Barbless
C.S. 734+68.17 Ltg. N. 29°51'55" W
C.S. 759+29.46 As Built
S.T. 761+03.99 As Built
S.T. 737+68.17
T. 10 N. R. 10 E.
N
4-048
4-048
(33)
(20)
200'
200'
200'
200'
200'
200'
200'
200'
90°

Sur. & Constr. ℄ Curve Data
Total Curve
Δ = 55°33'10" Rt.
L = 2151.76'
Rt.℄ = 1911.82'
Ts = 1156.95'

Main Curve
Δ = 46°33'10"
D = 3°00'00"
R = 1,909.86'
L = 1,551.76'

Spiral
a = 1
Δ = 4°30'00"
L = 300.00'
"o" = 1.96'
t = 149.99'

As Built Curve Data
Total Curve
Δ = 55°56' Rt.
L = 2126.97'
Main Curve
Δ = 50°56'13"
D = 2°51'53"
R = 2000.00'
L = 1777.91'

As Built Spiral
Δ = 2°30'
L = 174.53'

REDUCED SIZE
DO NOT SCALE

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MESA-PAYSON HWY.
RYE-OXBOW HILL SECTION
GILA COUNTY

REVISIONS				PROJECT NO.	F-053-1-803
C.O. No	DATE	BY	DESCRIPTION	DRAWING NO.	D-4-T-334
1609	6-22-67	Holley	Added Fence Note, & As Built" Curve Data, & Controls;	SHEET NO.	15 OF 17
"	"	"	Turn out, Cattle Guard & Gate.	DRAWN BY	O.G. Matchette
1663	8-14-67	L.C.K.	Called out exist. Fence, new culv. & new C.G.	DATE COMP.	1-19-67
"	"	"	Chgd. gate from 'remain' to 'remove', Lt. 774	SCALE	1"=100'
2072	9-26-68	Mc	Changed Sheet No. to 17		
3216	DWS	7-27-72	REVISED AS-BUILT INFORMATION - SEE C.O.		
4655	11-8-76	WDS	Added L.T.B.'S		
5114	4-12-78	R.L.R.	FINALIZED		

FINALIZED

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TONTO NATIONAL FOREST

T10N R10E

Sec. Corner A Grey Stone 0.5'x0.9'x0.6' High With 3 Notches On East Corner And 1 On The South.

Approx. 1/16 Line

New 4 Wire Fence Bottom Strand Barbless

4-048

New 3 Unit C.G. W/ Gate

Exist. 2 Unit C.G. To Remain

Exist. ℄ S.B. Exist. S.R. 87

New Dyke

M.P. 247

Survey ℄ = Constr. ℄ * N.B.

New Dyke

New 14' Wire Mesh Gate

Remove

New 36" C.M.P. Pipe Culv.

Exist. 4 Unit C.G. To Remain

New Chan.

New R/W

Exist. R/W

36' Bit. Pavement

Exist. R/W

New Dyke

N25°01'35"W

New R/W

New 36" C.M.P. Pipe Culv.

New Type I Gate

Exist. & B.W. Fence Remove Within R/W

Approx. 1/16 Line

Match Line

Sur. & Constr. ℄ Curve Data

* Total Curve

I△ = 49°13'10" Rt.

L = 2,343.78'

R't'o"= 2294.39'

Ts = 1238.38'

* Main Curve

△ = 39°50'40"

D = 2°30'00"

R = 2,291.83'

L = 1,593.78'

* Spiral

a = 2/3

△ = 4°41'15"

L = 375.00'

"o" = 2.56'

t = 187.46'

"As Built" Spiral

a = 1.7391349

△ = 1°57'00"

L = 149.75'

P.O.C. 763+33.70

L.T.B. N.11°54'41"W

"As Built" Curve Data

Total Curve

△ = 49°12'00" Rt.

L = 2038.90'

Main Curve

△ = 45°18'00"

D = 2.60435454°

R = 2,200.00'

L = 1739.40'

"As Built" Spiral

a = 1.7391349

△ = 1°57'00"

L = 149.75'

S.T. 801+36.51 Bk. = P.O.T. 801+29.01 Ahd. Equa. (As Built)

New R/W

Exist. R/W

Exist. R/W

New R/W

L.T.B. N.19°30'20"E. C.S. 775+90.38

* Spiral

a = 2/3

△ = 4°41'15"

L = 375.00'

"o" = 2.56'

t = 187.46'

Equa. S.T. 779+65.38 Bk. = P.O.T. 780+81.20 As Built Ahd.

Match Line

Approx. 1/16 Line

S.C. 759+96.60 L.T.B. N.20°20'20"W

T.S. 756+21.60

S.C. 782+17.36

T.S. 780+49.16

1588.06'

2634.73'

1046.67'(M)

S89°43'56"E

N.E. ¼ N.W. ¼

S.E. ¼ S.W. ¼

"As Built" Spiral

a = 1.7391349

△ = 1°57'00"

L = 149.75'

REDUCED SIZE DO NOT SCALE

1/4 Corner Found A Granite Stone 0.5'x0.5'x0.5' High Portions Of Stone Broken Away Marking On Stone Indistinguishable

Approx. Mid Section Line

P.O.S. 758+00.0

33 28

* BEG. CONSTR. N.B. Rdwy. DP-F-053-1(9)

* See R/W Proj. F-053-1-809 For New N.B. Sur. & Constr. ℄ Ahd of P.O.S. 758+00.0.

765 770 775 760 755 750

100' 200' 80' 100' 200' 200' 100' 200' 200' 100' 200'

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MESA–PAYSON HWY.
RYE–OXBOW HILL SECTION
GILA COUNTY

REVISIONS				PROJECT NO.	F-053-1-803
C.O. No	DATE	BY	DESCRIPTION	DRAWING NO.	D-4-T-334
1609	6-22-67	Mulley	Added Fence Note.	SHEET NO.	16 Of 17
1663	8-14-67	L.C.C.	Called out exist. fence & corn. const. proj. no.	DRAWN BY	D.G.Marchette
2072	9-29-68	ML	Chngd. Sheet 4 to 16 of 17	DATE COMP.	1-13-67
4655	11-8-76	WDS	Added L.T.B. Rt. 775+90.38	SCALE	1" = 100'
5114	4-12-78	R.L.R.	FINALIZED.		

FINALIZED

CHECKED BY. _____

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T10N R10E

Approx. 1/16 Line

NE¼SW¼

New 4 Wire Fence
Bottom Strand Barbless

4-048

Exist. 4 B.W. Fence
Remove Within R/W

New R/W

Exist. R/W

36' Bit. Pavement

Survey & Constr. ℄

Exist. R/W

New R/W

P.O.T. 806+18.62

805

810

100'

200'

℄ Exist. Hwy. 87

Bearing Equation:
N. 24°11'35" E. Bk =
N. 24°06'00" E. Ahd. (As Built)

Spiral
a = 2/3
Δ = 4°41'15"
L = 375.00'
k = 2.56'
t = 187.46'

C.S. 775+92.38
LTB N.19°30'20"E

4-048

EQUA.
S.T. 779+65.30 Bk. =
P.O.T. 803+67.20 As Built Ahd.

Approx. 1/16 Line

S.T. 779+65.38

F-053-1(3)
END CONST. PROJ.

BEG. CONSTR. PROJ.
DP-F-053-1(9)

F-053-1-803
END R/W PROJ.

BEG. R/W PROJ.
F-053-1-809
MAP # D-4-T-354

28

Approx. Mid Section Line

Approx. Mid Section Line

REDUCED SIZE
DO NOT SCALE

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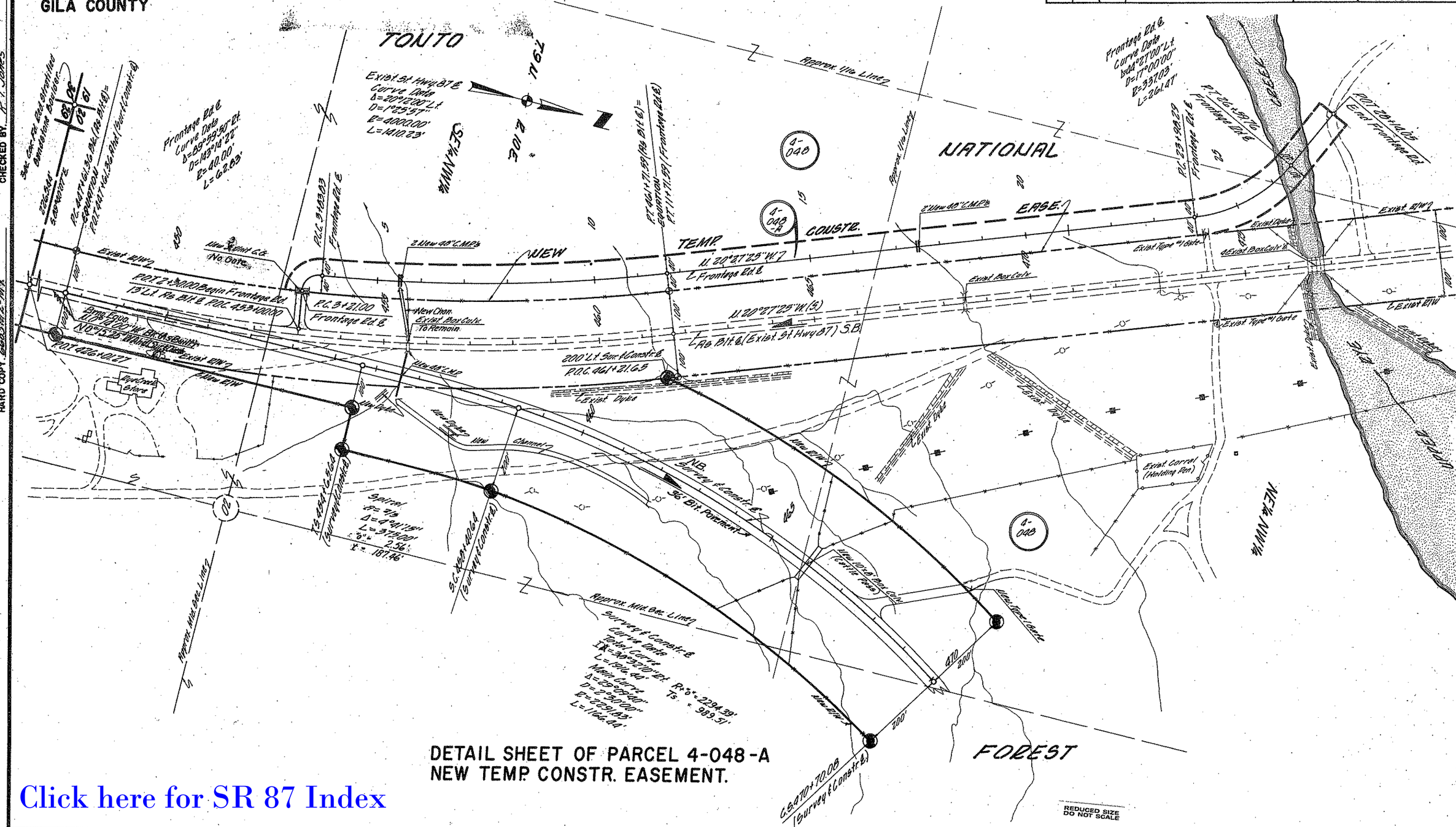
MESA–PAYSON HWY.
RYE–OXBOW HILL SECTION
GILA COUNTY

FINALIZED

REVISIONS					
C.O. No.	DATE	BY	DESCRIPTION	PROJECT NO.	F-053-1-803
2072	9-24-68	M. Ross	Added Detail Sheet	DRAWING NO.	D-4-T-334
5114	4-12-78	R.L.R.	FINALIZED.	SHEET NO.	17 of 17
				DRAWN BY	M. ROSS
				DATE COMP.	9-24-68
				SCALE	1" = 100"



DETAIL SHEET OF PARCEL 4-048-A
NEW TEMP. CONSTR. EASEMENT.

REDUCED SIZE DO NOT SCALE

CHECKED BY P.T. Jones

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