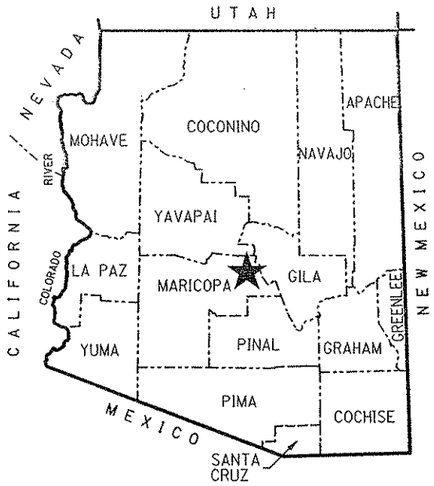
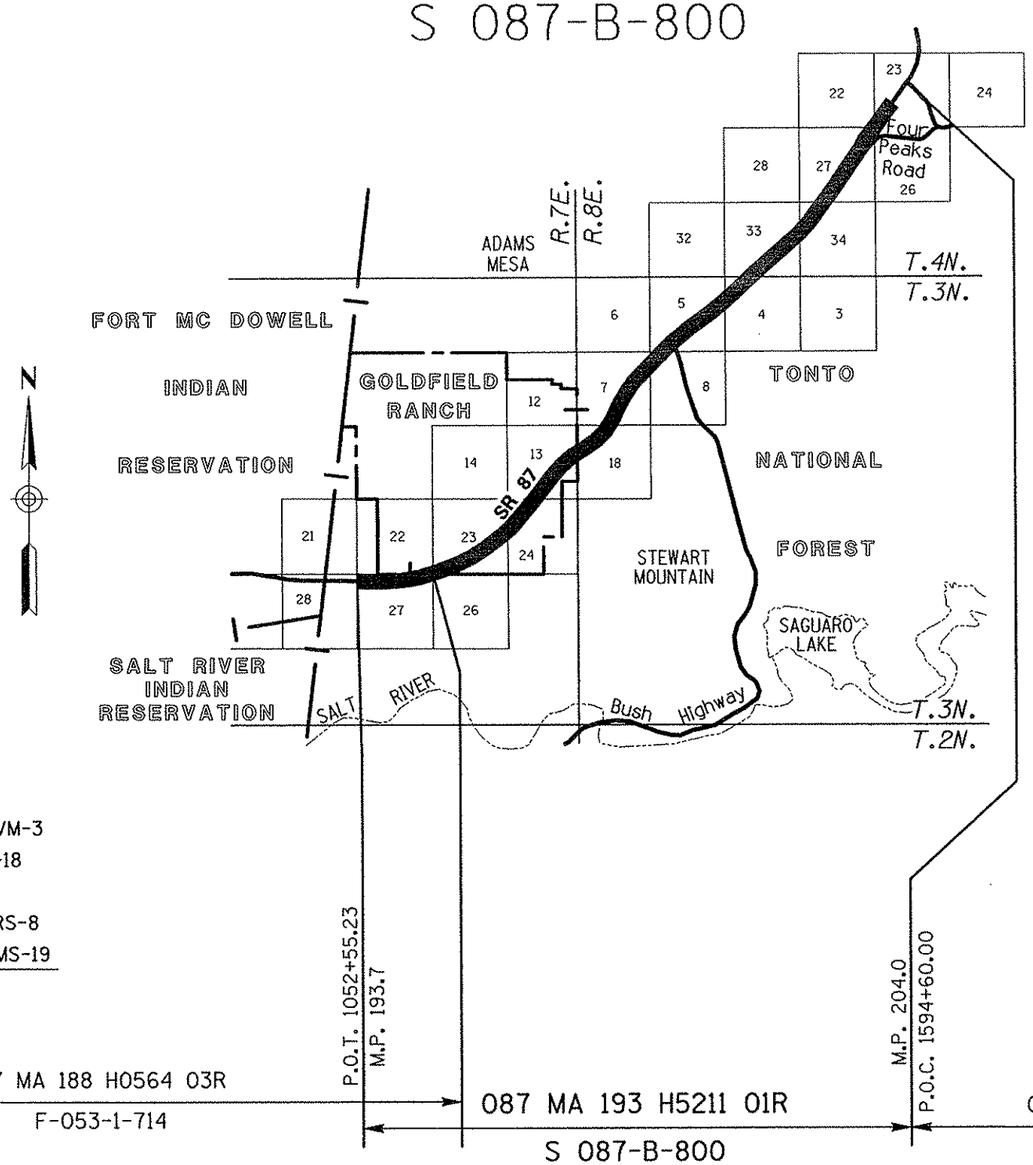
RIGHT OF WAY PLANS OF THE

MESA - PAYSON HIGHWAY
FOREST BOUNDARY - DOS 'S' RANCH
087 MA 193 H5211 01R
S 087-B-800



★ PROJECT LOCATION
COUNTY NAME: MARICOPA
LENGTH OF PROJECT: 10.3 MILES
ADOT DISTRICT: PHOENIX (E)
DRAWING NUMBER: D-07-T-955



Click here for SR 87 Index

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

ADOT

SHEET INDEX

COVER SHEET	1
STANDARD ABBREVIATION & SYMBOLS	S-1
OWNERSHIP RECORD SHEET	ORS-1
VICINITY MAP SHEET	VM-1 TO VM-3
PLAN SHEET	P-1 TO P-18
PARCEL INSERT SHEET	PAR-1
RESULTS OF SURVEY	RS-1 TO RS-8
RIGHT OF WAY MONUMENTATION SURVEY	MS-1 TO MS-19
TOTAL SHEETS	52

APPROVED IN ACCORDANCE WITH
ARIZONA DEPARTMENT OF TRANSPORTATION BOARD
RESOLUTION 2006-10-A-049 DATED 10-20-06
RESOLUTION 2007-02-A-015 DATED 2-16-07

...\087RW193_CVR.DGN

REGISTERED LAND SURVEYOR
40622
BRYAN L. CAMPBELL
12-15-12
ARIZONA U.S.A.
EXPIRES: 03/31/2013

amec

RIGHT OF WAY - STANDARD ABBREVIATIONS & SYMBOLS

A	
Acres	Ac.
Ahead	Ahd.
And Husband	et vir
And Others	et al
And Wife	et ux
Approximate	Approx.
Avenue	Ave.
B	
Back	Bk.
Book	Bk.
Boulevard	Blvd.
Brass Cap	B.C.
Bureau of Indian Affairs	B.I.A.
Bureau of Land Management	B.L.M.
Bureau of Reclamation	B.O.R.
C	
Calculated	(C)
Center	Ctr.
Centerline	℄
Construction	Constr.
Corner	Cor.
County	Co.
Curve Information	
Curve to Spiral	C.S.
Degree of Curve	D
Delta	Δ
Length of Curve	L
Point of Compound Curve	P.C.C.
Point of Curvature	P.C.
Point of Intersection	P.I.
Point of Reverse Curve	P.R.C.
Point of Reverse Spiral	P.R.S.
Point of Tangent	P.T.
Point on Curve	P.O.C.
Point on Tangent	P.O.T.
Point on Semi-Tangent	P.O.S.T.
Radius	R
Spiral rate of change	a
Spiral to Curve	S.C.
Spiral to Tangent	S.T.
Tangent Length	T
Tangent to Spiral	T.S.

D	
Degrees	°
Department	Dept.
Docket	Dkt.
Drainage Easement	DE
Drive	Dr.
E	
Easement	Esmt
East	E.
Electrical	Elec.
Equation	Equa.
Existing	Exist.
F	
Federal	Fed.
Feet	'
Flowage Easement	FE
Final Order of Condemnation	FOC
Found	Fd.
H	
Highway	Hwy.
Highway Easment Deed	HED
Homestead Entry Survey	HES
I	
Inch	In. or "
Irrigation	Irr.
J	
Junction	Jct.
L	
Lane	Ln.
Left	Lt.
Local Tangent Bearing	L.T.B.
M	
Measured	(M)
Mile Post	M.P.
Mineral Survey	M.S.
Minutes	'
Miscellaneous	Misc.
Monument	Mon.
N	
North	N.
Not to Scale	N.T.S.
Number	No.
P	
Page	Pg.
Parcel	Par.
Parkway	Pkwy.
Place	Pl.
Ponding Easement	PE
Public Utility Easement	PUE
Q	
Quit Claim Deed	QCD
R	
Railroad	R.R.
Range	R.
Record	(R)
Right	Rt.
Right of Way	R/W
Road	Rd.
S	
Seconds	"
Section	Sec.
Sheet	Sht.
Slope Easement	SE
South	S.
Special Warranty Deed	SWD
Square	Sq.
Square Feet	S.F.
State Route	S.R.
Station	Sta.
Street	St.
Subdivision	Subd.
T	
Telegraph	Tlg.
Telephone	Tel.
Township	T.
Temporary	Temp.
Temporary Construction Easement	TCE
Traffic Interchange	T.I.
U	
United States General Land Office	U.S.G.L.O.
W	
West	W.
Warranty Deed	WD

Boundary Lines
- City Limit Line
- County Line
- Forest-City Limit Line
- Forest-Reservation Line
- Land Grant Boundary Line
- National-State Boundary Line

Centerlines
- Exist. Centerline w/ticks
- Exist. Centerline wo/ticks
- New Constr. Centerline
- New Survey Centerline
- Railroad Centerline
- Centerline on Results of Survey

Control Lines
- Exist. Access Control Line
- New Access Control Line

Easement Lines
- Exist. Easement Line
- Exist. Drainage Easement Line
- New Perpetual Easement Line
- TCE Line

Misc. Lines
- Ditch-River Line
- Meander Line
- Mining Claim Line

Property Lines
- Lease Property Line
- Property Line
- Subdivision Property/Road Line
- Additional area to be acquired

Public Land Survey Lines
- Mid Section Line
- Section Line
- Sixteenth (1/16) Line
- Township-Range Line

R/W Lines
- Exist. ADOT R/W Line
- Exist. Non-ADOT R/W Line
- New R/W Line
- Railroad R/W Line
- Railroad-Highway R/W Line

Topographic Features
- Cut Slope Limit Line
- Exist. Fence Line
- Exist. Topo Line
- Fill Slope Limit Line
- New Fence Line

Break Line

Data Circle (1)

Data Hex (1)

Data Square [1]

Dimension Arrow

Dimension Tie

Exist. R/W Monument

New R/W Monument

PC - PT Circle

Property Anchor Bar

Property-Lease & Unpatented Mining Claim Anchor Bar

Property Limit Arrow

Property-Lease & Unpatented Mining Claim Limit Arrow

Parcel Bubble (7-8858)

NGS Control Pt or Angle Point △

N

T.1S. R.6E.

SECTION 7
MARICOPA CO.

North Arrow

31 | 32 / 6 | 5 Found or Set Section Corner

403 Found or Set Quarter Corner

3 Found or Set Center Quarter Corner

31 | 32 / 6 | 5 Unfound Section Corner

4 / 9 Unfound Quarter Corner

3 Unfound Center Quarter Corner

MP 115 Mile Post Marker

Click here for SR 87 Index

...\06 SR87\ROW\087RW193_STD.DGN

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

DRAWING NO.	D-07-T-955
SURVEY	See Attached Survey
DRAWN/DATE	AMEC/1-07
ADOT REVIEW	D. Casdorph
ROUTE NO.:	S.R. 87
LOCATION:	Forest Boundary - Dos 'S' Ranch

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

HIGHWAY NAME: MESA - PAYSON
FEDERAL AID NO.: S 087-B-800
PROJECT NO.: 087 MA 193 H5211 01R

RESPONSIBLE CHARGE ENGINEER — 19854 PAUL M. SOWERS — ARIZONA U.S.A. — Expires 6-30-2019

SHEET S-1

OWNERSHIP RECORD

NOTES	PARCEL NUMBER	OWNER	DESCRIPTION OF AREA REQUIRED	TOTAL AREA	AREA REQUIRED			REMAINDER		SHEET NO.	ACQUIRED	
					GROSS (INCLUDING EXISTING R/W)	NET (EXCLUDING EXISTING R/W)	NEW EASEMENTS	LEFT	RIGHT		TYPE	DOCUMENT
	7-10372	UNITED STATES OF AMERICA (TONTO NATIONAL FOREST)	Lot 4, SW4NW4 Sec. 4 T.3N. R.8E.			4,116				P-13 to P-14		
			S2SW4, NE4SW4, N2SE4, SE4NE4 Sec. 5 T.3N. R.8E.			655,958				P-11 to P-13, P-18		
			NE4NE4, W2SE4 Sec. 7 T.3N. R.8E.			87,275				P-9 to P-11		
			N2NW4 Sec. 8 T.3N. R.8E.			217,940				P-11 to P18		
			Lot 1, Lot 2, NE4NW4 Sec. 18 T.3N. R.8E.			24,247				P-8 to P-9		
			SW4SW4 Sec. 23 T.4N. R.8E.			3,000				P-17		
	7-10481	Khairy Sharif, et al	Lot 13, Goldfield Ranch Phase V	723,855	317,625	27,651			406,230	P-7 to P-8		
	7-10483	Goldfield Preserve Development, L.L.C.	Lot 1, 2, 3, 4, 11 & 12, Goldfield Ranch Phase V	13,558,842	2,233,477	43,351	80,873 TCE		11,325,365	P-3 to P-7		
	7-10484	Paul G. Warthen	Lot 8, 9 & 10, Goldfield Ranch Phase V	2,901,013	561,558	17,286			2,339,455	P-5 to P-6		
	7-10486	Mildred Mangen Trust	Lot 1, Goldfield Ranch Phase II	2,460,350	596,891	1,589		1,863,459		P-4 to P-5		
	7-10487	Flyer Investment Enterprises L.L.L.P., et al	Lot 2, Goldfield Ranch Phase I	2,866,139	492,136	5,155		2,374,003		P-6 to P-7		
	7-10492	Danielle Sheehan	Lot 13, Goldfield Ranch Phase V	316,759	84,463	702			232,296	P-7		
	7-10546	Phyliss L. Kern Revocable Trust	Lot 13, Goldfield Ranch Phase V	246,630	57,755	2,567			188,875	P-8		

ALL AREAS ARE IN SQUARE FEET UNLESS OTHERWISE NOTED

Click here for SR 87 Index

...\06 SR87\ROW\087RW193_ORS.DGN

CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

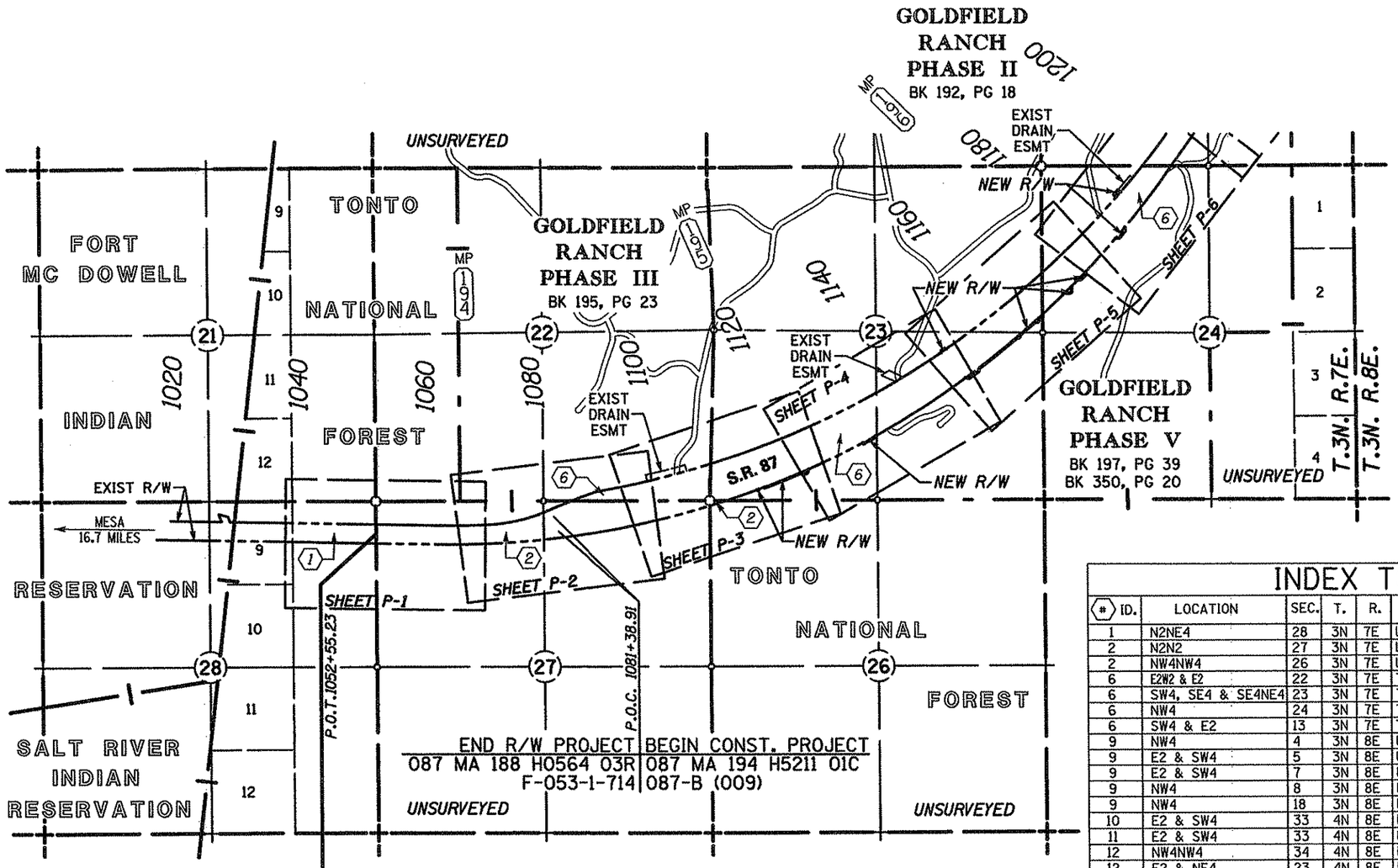
DRAWING NO.	D-07-T-955
SURVEY	See Attached Survey
DRAWN/DATE	AMEC/1-07
ADOT REVIEW	D. Casdorph

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

HIGHWAY NAME: MESA - PAYSON
FEDERAL AID NO.: S 087-B-800
PROJECT NO.: 087 MA 193 H5211 01R
ROUTE NO.: S.R. 87
LOCATION: Forest Boundary - Dos 'S' Ranch

19854 PAUL M. SOWERS REGISTERED LAND SURVEYOR ARIZONA U.S.A.
Expires 6-30-2010

SHEET ORS-1



BEGIN R/W PROJECT
087 MA 193 H5211 01R
S 087-B-800

N

MARICOPA CO.

VICINITY MAP

Click here for SR 87 Index

INDEX TO EXISTING ADOT R/W

(#) ID.	LOCATION	SEC.	T.	R.	ACQ. FROM	TYPE	BK./DKT.	PAGE	WIDTH	YEAR	PARCEL NO.
1	N2NE4	28	3N	7E	U.S.A.	HED	91-053995	N/A	200'	91	N/A
2	N2N2	27	3N	7E	U.S.A.	HED	12831	829	200'	78	N/A
2	NW4NW4	26	3N	7E	U.S.A.	HED	12831	829	200'	78	N/A
6	E2W2 & E2	22	3N	7E	TRANSAMERICA TITLE INS. CO.	ESMT	7636	783	VARIES	69	7-587
6	SW4, SE4 & SE4NE4	23	3N	7E	TRANSAMERICA TITLE INS. CO.	ESMT	7636	783	VARIES	69	7-587
6	NW4	24	3N	7E	TRANSAMERICA TITLE INS. CO.	ESMT	7636	783	VARIES	69	7-587
6	SW4 & E2	13	3N	7E	TRANSAMERICA TITLE INS. CO.	ESMT	7636	783	VARIES	69	7-587
9	NW4	4	3N	8E	U.S.A.	ESMT	12831	829	VARIES	78	7-687 & -A
9	E2 & SW4	5	3N	8E	U.S.A.	ESMT	12831	829	VARIES	78	7-687 & -A
9	E2 & SW4	7	3N	8E	U.S.A.	ESMT	12831	829	VARIES	78	7-687 & -A
9	NW4	8	3N	8E	U.S.A.	ESMT	12831	829	VARIES	78	7-687 & -A
9	NW4	18	3N	8E	U.S.A.	ESMT	12831	829	VARIES	78	7-687 & -A
10	E2 & SW4	33	4N	8E	U.S.A.	HED	AZA-008646	N/A	200'	74	N/A
11	E2 & SW4	33	4N	8E	U.S.A.	HED	12831	829	VARIES	78	7-687 & -A
12	NW4NW4	34	4N	8E	U.S.A.	HED	AZA-008646	N/A	200'	74	N/A
12	E2 & NE4	23	4N	8E	U.S.A.	HED	AZA-008646	N/A	200'	74	N/A
14	NW4NW4	34	4N	8E	U.S.A.	HED	10788	840	VARIES	74	7-2051
14	E2 & NE4	23	4N	8E	U.S.A.	HED	10788	840	VARIES	74	7-2051
15	E2 & NE4	23	4N	8E	U.S.A.	HED	SEE BELOW	N/A	VARIES	96	7-7846

(PROJECT NO. F-053-1-844, PARCEL NO. 7-7846)
NOTE: ADOT HAS NOT RECEIVED THE HIGHWAY EASEMENT DEED FROM FHWA, SENT OUT FOR SIGNATURE ON JUNE 23, 1999. APPROVAL TO BUILD THE NEW PORTION OF SR 87 IS A LETTER FROM THE UNITED STATES DEPARTMENT OF AGRICULTURE, TONTO NATIONAL FOREST TO THE FHWA, DATED JUNE 13, 1996. HIGHWAY EASEMENT DEED TO FOLLOW.

0 500 1000
Scale

SEE SHEET VM-3 FOR ADDITIONAL EXISTING R/W INFORMATION.

...\06 SR87\ROW\087RW193_VM01.DGN

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

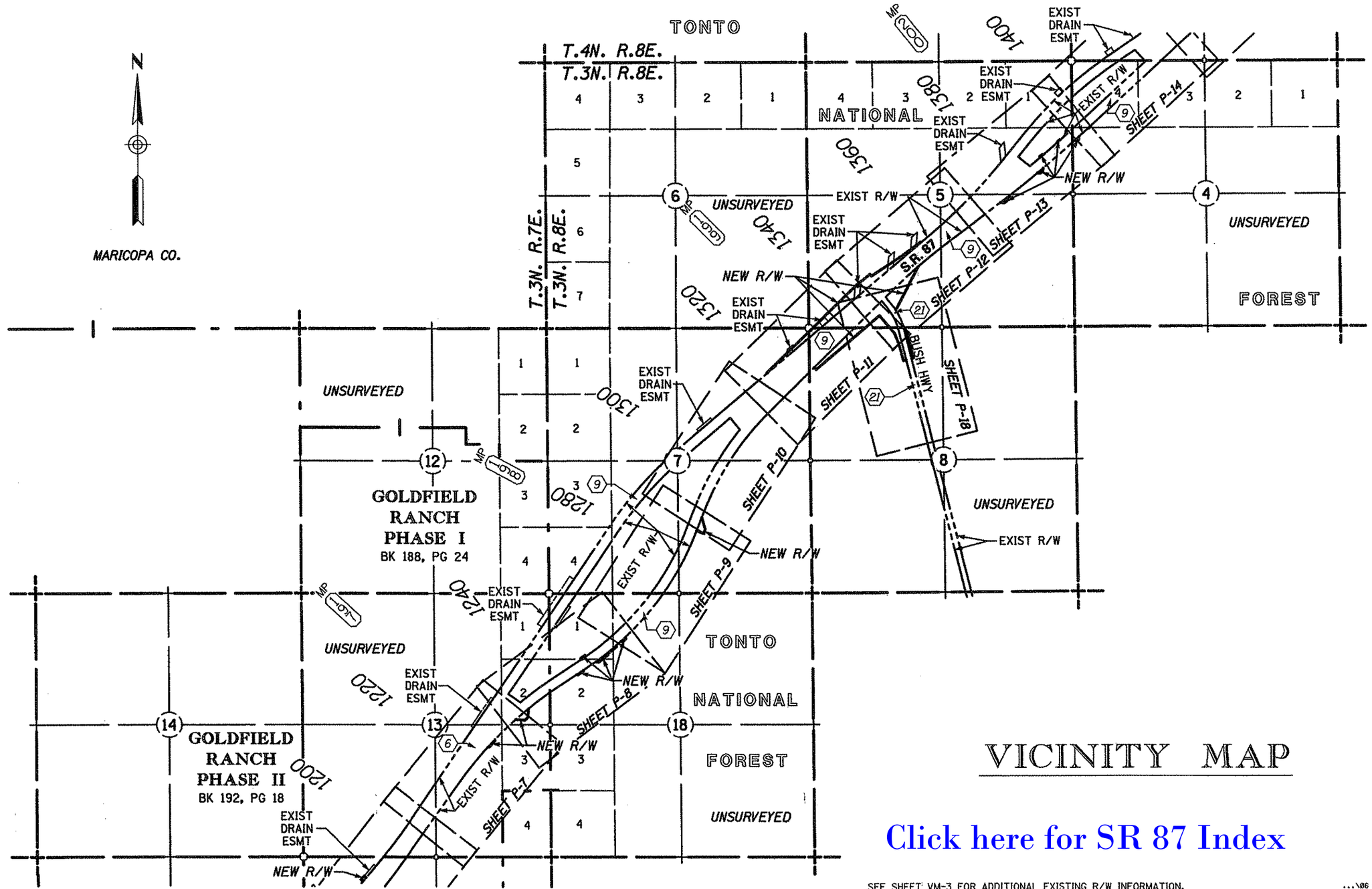
DRAWING NO.	D-07-T-955
SURVEY	See Attached Survey
DRAWN/DATE	AMEC/1-07
ADOT REVIEW	D. Casdorph
amec	
ROUTE NO.: S.R. 87	LOCATION: Forest Boundary - Dos 'S' Ranch

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

HIGHWAY NAME: MESA - PAYSON
FEDERAL AID NO.: S 087-B-800
PROJECT NO.: 087 MA 193 H5211 01R

REGISTERED LAND SURVEYOR 19854 PAUL M. SOWERS ARIZONA U.S.A.
6.30.2010

SHEET VM-1



VICINITY MAP

Click here for SR 87 Index

0 500 1000
Scale

SEE SHEET VM-3 FOR ADDITIONAL EXISTING R/W INFORMATION.

...\06 SR87\ROW\087RW193_VM02.DGN

INDEX TO EXISTING CITY/COUNTY R/W

ID.	LOCATION	SEC.	T.	R.	ACQ. FROM	TYPE	BK./DKT.	PAGE	WIDTH	YEAR
21	S2SW4	5	3N	8E	U.S.A.	ESMT	90-561308	N/A	110'	90
21	NW4	8	3N	8E	U.S.A.	ESMT	90-561308	N/A	110'	90

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

DRAWING NO.	D-07-T-955
SURVEY	See Attached Survey
DRAWN/DATE	AMEC/1-07
ADOT REVIEW	D. Casdorph

amec

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

HIGHWAY NAME: MESA - PAYSON

FEDERAL AID NO.: S 087-B-800

PROJECT NO. 087 MA 193 H5211 01R

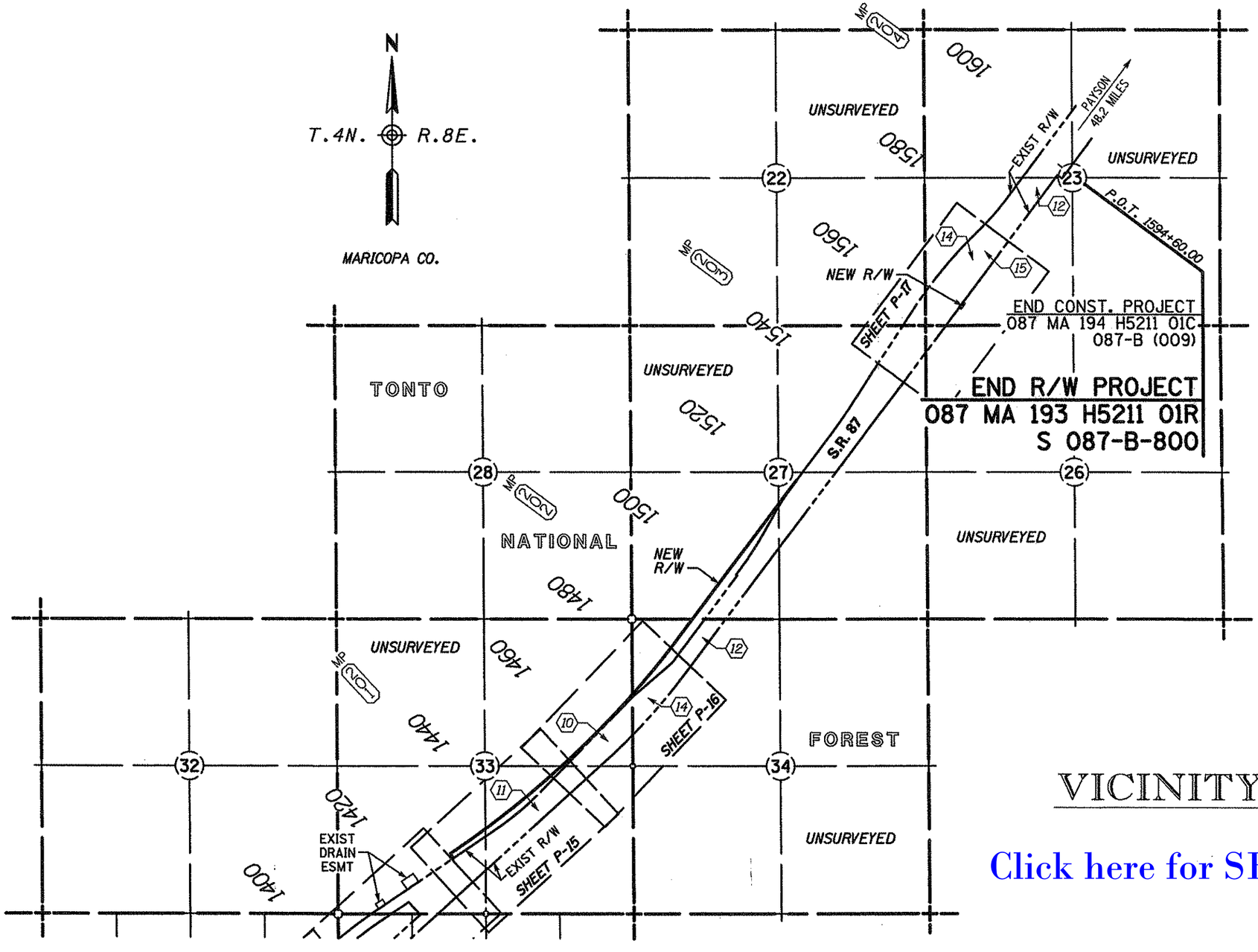
ROUTE NO.: S.R. 87

LOCATION: Forest Boundary - Dos 'S' Ranch

PAUL M. SOWERS 19854 REGISTERED ENGINEER ARIZONA U.S.A.

Expires 6-30-2010

SHEET VM-2



VICINITY MAP

Click here for SR 87 Index

0 500 1000
Scale

...\06 SR87\ROW\087RW193_VM03.DGN

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

DRAWING NO.	D-07-T-955
SURVEY	See Attached Survey
DRAWN/DATE	AMEC/1-07
ADOT REVIEW	D. Casdorph
amec	
ROUTE NO.: S.R. 87	LOCATION: Forest Boundary - Dos 'S' Ranch

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

HIGHWAY NAME: MESA - PAYSON
FEDERAL AID NO.: S 087-B-800
PROJECT NO.: 087 MA 193 H5211 01R

REGISTERED LAND SURVEYOR
19854
PAUL M. SOWERS
ARIZONA, U.S.A.
6.30.2010

SHEET VM-3

GOLDFIELD RANCH PHASE III
BK 195, PG 23

10

N

T.3N. R.7E.

MARICOPA CO.

1045 | TONTO | 1050 | 1055 | 1060 | 1065

21 | 22
28 | 27

Sec. Cor. Fd. B.L.M. B.C.

N89°49'54"E 2643.79' Section Line

P.O.T. 1052+54.40 S.B. SURVEY ℄

2638.44' 499.21'

P.C. 1062+46.34 S.B. SURVEY ℄

Approx ½ Line

S.B. SURVEY ℄ CURVE DATA
PI 1065+70.51
Δ=02°42'53" LT
D=00°25'08"
T=324.17'
L=648.22'
R=13680.99'

NE⁴ NE⁴ | NW⁴ NW⁴ | NE⁴ NW⁴

EXIST R/W

130'
70'
100'

S89°07'27"E

NATIONAL

S89°07'27"E

70.01'

S.B. Survey ℄

S.R. 87

N.B. Survey ℄

EXIST R/W

MATCH LINE SHEET P-2

P.O.T. 1052+55.23 N.B. SURVEY ℄

Section Line S00°08'30"E 2069.22'

P.C. 1062+37.84 N.B. SURVEY ℄

N.B. SURVEY ℄ CURVE DATA
PI 1134+61.80
Δ=55°25'46" LT
D=00°25'00"
T=7223.96'
L=13303.10'
R=13750.99'

1045 | 1050 | 1055 FOREST | 1060 | 1065

¼ Cor. Fd. B.L.M. B.C.

28 27

BEGIN R/W PROJECT
087 MA 193 H5211 01R
S 087-B-800

0 50 100
Scale

...\06 SR87\ROW\087RW193_P01.DGN

Click here for SR 87 Index

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

DRAWING NO.	D-07-T-955
SURVEY	See Attached Survey
DRAWN/DATE	AMEC/1-07
ADOT REVIEW	D. Casdorph
amec	
ROUTE NO.	S.R. 87
LOCATION	Forest Boundary - Dos 'S' Ranch

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

HIGHWAY NAME: MESA - PAYSON
FEDERAL AID NO.: S 087-B-800
PROJECT NO.: 087 MA 193 H5211 01R

REGISTERED LAND SURVEYOR 19854 PAUL M. SOWERS ARIZONA U.S.A.
Expires 6-30-2010

SHEET P-1

S.B. SURVEY ℄
CURVE DATA
PI 1074+90.88

SPIRAL BACK	TOTAL CURVE	SPIRAL AHEAD
a=0.47'	Δ=20°46'29" LT	a=0.58'
Δ=01°54'44"	T=588.04' BK	Δ=02°00'00"
L=158.12'	T=624.92' AHD	L=200.00'
	L=1201.24'	

MAIN CURVE
Δ=16°51'45" LT
D=02°00'00"
L=843.12'
R=2864.79'

S.B. SURVEY ℄
CURVE DATA
PI 1088+56.35
Δ=09°47'36" RT
D=01°15'00"
T=392.69'
L=783.47'
R=4583.66'

GOLDFIELD RANCH PHASE III
BK 195, PG 23

T.3N. R.7E.

MARICOPA CO.

TONTO

NATIONAL FOREST

Section Line N89°49'54"E 2643.79'

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

P.C. 1084+63.66 S.B. SURVEY ℄

P.O.C. 1088+10.18 S.B. SURVEY ℄ L.T.B. N11°43'05"E

P.T. 1092+47.13 S.B. SURVEY ℄

EQUA. S.T. 1080+95.80 BK
S.T. 1081+03.39 AHD

C.S. 1078+95.80 S.B. SURVEY ℄ L.T.B. N69°23'11"E

C.S. 1068+94.56 S.B. SURVEY ℄

S.C. 1070+52.68 S.B. SURVEY ℄ L.T.B. N86°14'56"E

819.21'

130'

VARIES

N77°10'47"E

N89°51'33"E 2641.99'
1748.54'

Section Line

EXIST R/W

N67°23'11"E

NE¼NW¼

NW¼NE¼

NE¼NE¼

MATCH LINE SHEET P-1

MATCH LINE SHEET P-3

130'

70'

100'

S.R. 87

S.B. Survey ℄

N.B. Survey ℄

EXIST R/W

Assumed Mid Sec Line

C.¼ Cor. Not Fd.

P.O.C. 1081+52.42 N.B. SURVEY ℄

Approx ½ Line

1070 1075 1080 1085 1090 1095

N.B. SURVEY ℄
CURVE DATA
PI 1134+61.80
Δ=55°25'46" LT
D=00°25'00"
T=7223.96'
L=13303.10'
R=13750.99'

END R/W PROJECT	BEGIN CONST. PROJECT
087 MA 188 H0564 03R	087 MA 194 H5211 01C
F-053-1-714	087-B (009)

0 50 100
Scale

...\06 SR87\ROW\087RW193_P02.DGN

Click here for SR 87 Index

CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-07-T-955
SURVEY	See Attached Survey
DRAWN/DATE	AMEC/1-07
ADOT REVIEW	D. Casdorph
amec	
ROUTE NO.: S.R. 87	LOCATION: Forest Boundary - Dos 'S' Ranch

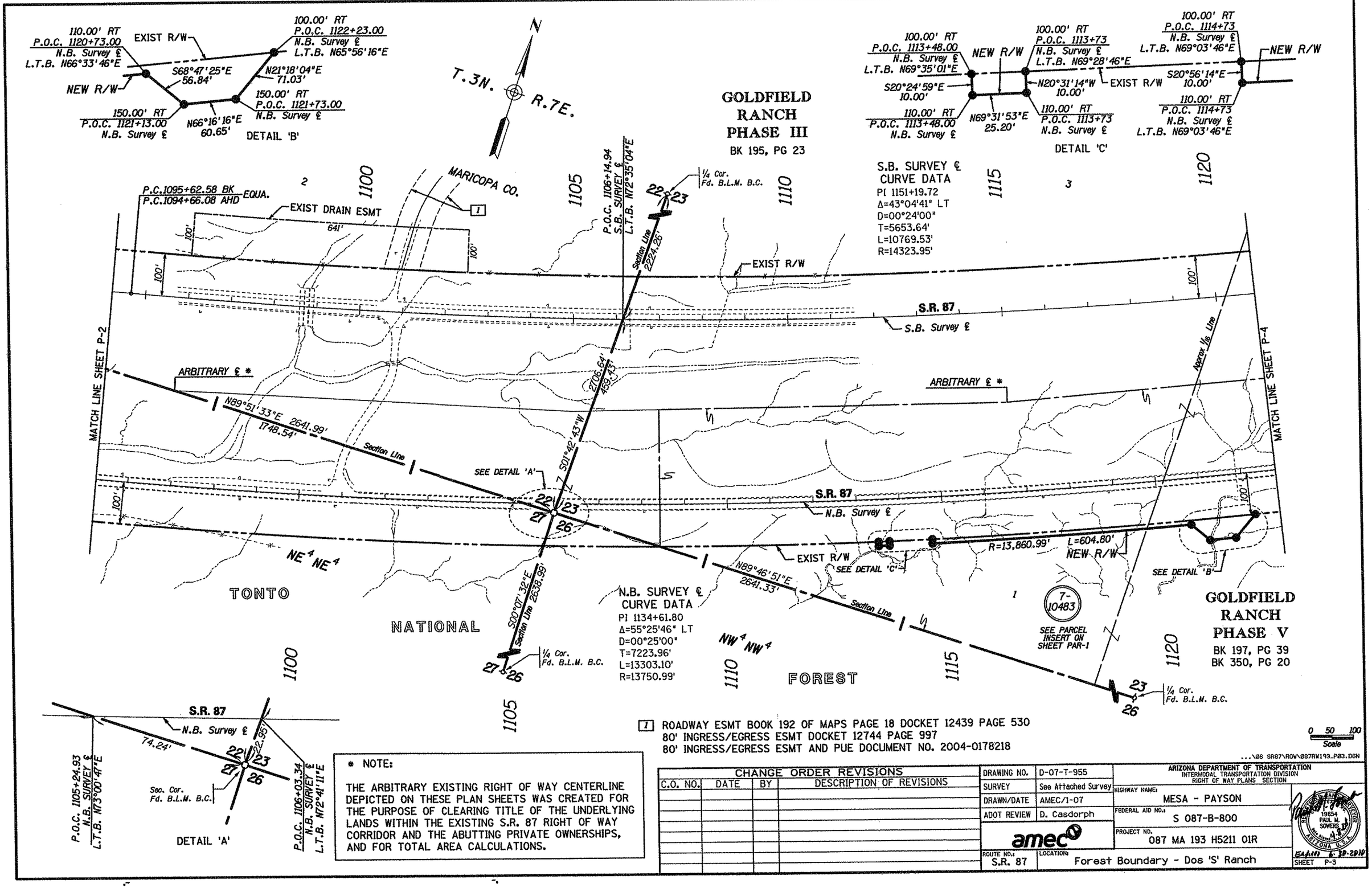
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: MESA - PAYSON
FEDERAL AID NO.: S 087-B-800
PROJECT NO. 087 MA 193 H5211 01R

REGISTERED LAND SURVEYOR 19854 PAUL M. SOWERS ARIZONA U.S.A.
EXPIRES 6-30-2018

SHEET P-2

Click here for SR 87 Index



[1] ROADWAY ESMT BOOK 192 OF MAPS PAGE 18 DOCKET 12439 PAGE 530
80' INGRESS/EGRESS ESMT DOCKET 12744 PAGE 997
80' INGRESS/EGRESS ESMT AND PUE DOCUMENT NO. 2004-0178218

0 50 100
Scale

...\06 SR87\ROW\087RW193_P03.DGN

* NOTE:

THE ARBITRARY EXISTING RIGHT OF WAY CENTERLINE DEPICTED ON THESE PLAN SHEETS WAS CREATED FOR THE PURPOSE OF CLEARING TITLE OF THE UNDERLYING LANDS WITHIN THE EXISTING S.R. 87 RIGHT OF WAY CORRIDOR AND THE ABUTTING PRIVATE OWNERSHIPS, AND FOR TOTAL AREA CALCULATIONS.

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

DRAWING NO.	D-07-T-955
SURVEY	See Attached Survey
DRAWN/DATE	AMEC/1-07
ADOT REVIEW	D. Casdorph
amec	
ROUTE NO.	S.R. 87
LOCATION	Forest Boundary - Dos 'S' Ranch

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

HIGHWAY NAME	MESA - PAYSON
FEDERAL AID NO.	S 087-B-800
PROJECT NO.	087 MA 193 H5211 01R
SHEET	P-3

REGISTERED LAND SURVEYOR 19854 PAUL M. SOWERS ARIZONA U.S.A.
Expires 9-30-2010

* NOTE:

THE ARBITRARY EXISTING RIGHT OF WAY CENTERLINE DEPICTED ON THESE PLAN SHEETS WAS CREATED FOR THE PURPOSE OF CLEARING TITLE OF THE UNDERLYING LANDS WITHIN THE EXISTING S.R. 87 RIGHT OF WAY CORRIDOR AND THE ABUTTING PRIVATE OWNERSHIPS, AND FOR TOTAL AREA CALCULATIONS.

100.00' RT
P.O.C. 1131+73.00
N.B. Survey ℄
L.T.B. N61°58'46"E
S28°01'14"E
20.00'
120.00' RT
P.O.C. 1131+73.00
N.B. Survey ℄
L.T.B. N61°58'46"E

EXIST R/W
R=13870.99'
L=226.96'
NEW R/W

DETAIL 'A'

100.00' RT
P.O.C. 1133+98.00
N.B. Survey ℄
L.T.B. N61°02'31"E
N28°57'29"W
20.00'
120.00' RT
P.O.C. 1133+98.00
N.B. Survey ℄
L.T.B. N61°02'31"E

N
T.3N.
R.7E.
MARICOPA CO.

GOLDFIELD RANCH PHASE III
BK 195, PG 23

GOLDFIELD RANCH PHASE II
BK 192, PG 18

S.B. SURVEY ℄
CURVE DATA
PI 1151+19.72
Δ=43°04'41" LT
D=00°24'00"
T=5653.64'
L=10769.53'
R=14323.95'

1125 1130 1135 1140 1145

C. 1/4 Cor. Not Fd.

EXIST DRAIN ESMT
147'
243'
243'

7-10486
SEE PARCEL INSERT ON SHEET PAR-1

EXIST R/W
100'
S.R. 87
S.B. Survey ℄
Approx 1/16 Line
ARBITRARY ℄ *
MATCH LINE SHEET P-3
MATCH LINE SHEET P-5

S.R. 87
N.B. Survey ℄
EXIST R/W
+98'
SEE DETAIL 'A'
7-10483
SEE PARCEL INSERT ON SHEET PAR-1
Assumed Mid. Sec. Line
Approx 1/16 Line
TCE
200' x 300'

GOLDFIELD RANCH PHASE V
BK 197, PG 39
BK 350, PG 20

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

N.B. SURVEY ℄
CURVE DATA
PI 1134+61.80
Δ=55°25'46" LT
D=00°25'00"
T=7223.96'
L=13303.10'
R=13750.99'

1125 1130 1135 1140 1145 1150

[1] ROADWAY ESMT BOOK 192 OF MAPS PAGE 18 DOCKET 12439 PAGE 530
80' INGRESS/EGRESS ESMT DOCKET 12744 PAGE 997
80' INGRESS/EGRESS ESMT AND PUE DOCUMENT NO. 2004-0178218

[2] ROADWAY ESMT BOOK 350 OF MAPS PAGE 20
ROADWAY ESMT BOOK 197 OF MAPS PAGE 39
DOCKET 12840 PAGE 826
INGRESS/EGRESS ESMT DOCKET 12791 PAGE 1118

Click here for SR 87 Index

0 50 100
Scale

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

DRAWING NO.	D-07-T-955
SURVEY	See Attached Survey
DRAWN/DATE	AMEC/1-07
ADOT REVIEW	D. Casdorph
amec	
ROUTE NO.:	S.R. 87
LOCATION:	Forest Boundary - Dos 'S' Ranch

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

HIGHWAY NAME:	MESA - PAYSON
FEDERAL AID NO.:	S 087-B-800
PROJECT NO.	087 MA 193 H5211 01R
SHEET	P-4

19854 PAUL M. SOWERS REGISTERED LAND SURVEYOR ARIZONA U.S.A.
Expires 6-30-2008

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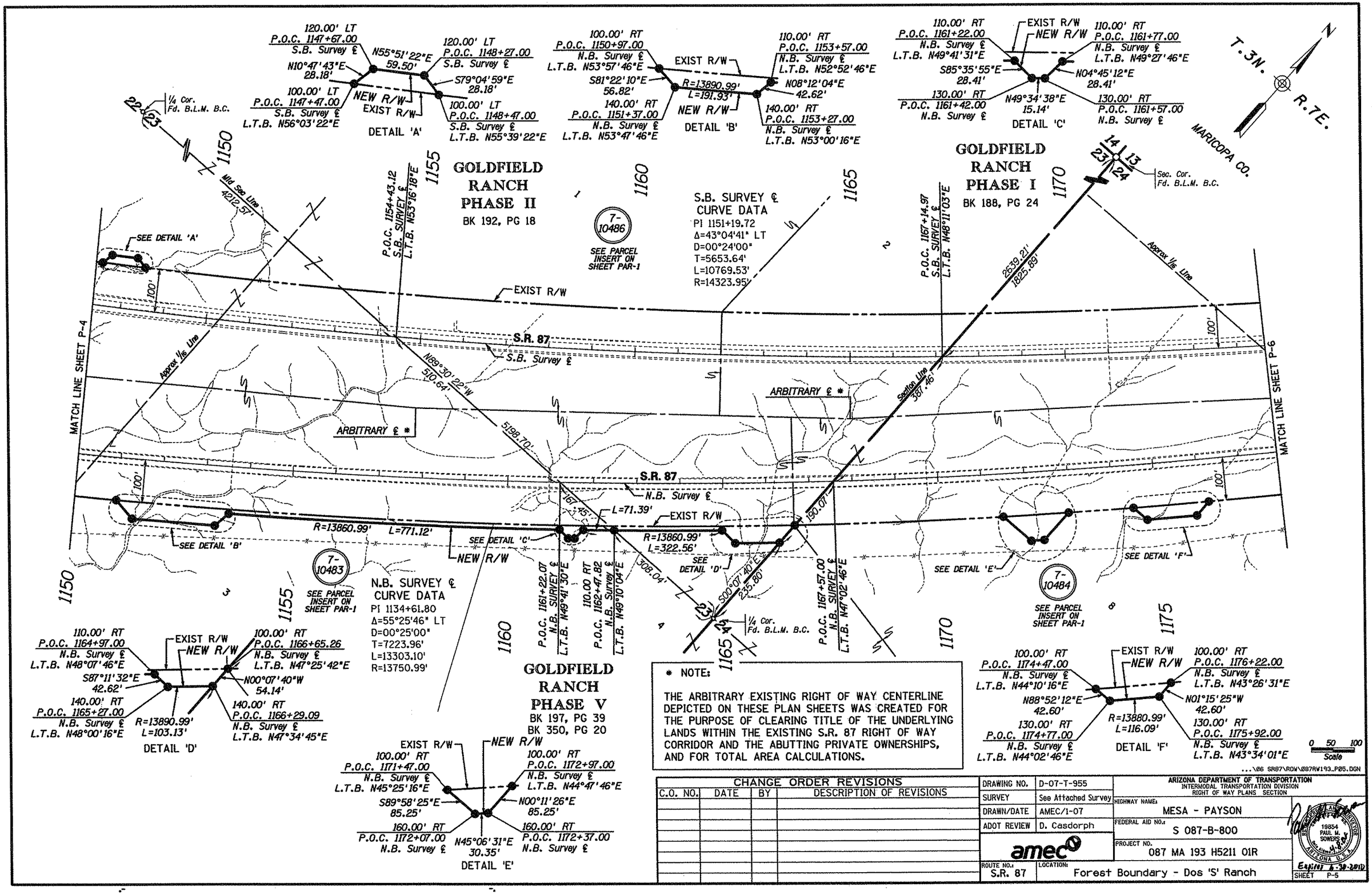


* NOTE:

THE ARBITRARY EXISTING RIGHT OF WAY CENTERLINE DEPICTED ON THESE PLAN SHEETS WAS CREATED FOR THE PURPOSE OF CLEARING TITLE OF THE UNDERLYING LANDS WITHIN THE EXISTING S.R. 87 RIGHT OF WAY CORRIDOR AND THE ABUTTING PRIVATE OWNERSHIPS, AND FOR TOTAL AREA CALCULATIONS.

...\06 SR87\ROW\087RW193_P05.DGN

CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-07-T-955
SURVEY	See Attached Survey
DRAWN/DATE	AMEC/1-07
ADOT REVIEW	D. Casdorph
amec	
ROUTE NO.: S.R. 87	LOCATION: Forest Boundary - Dos 'S' Ranch

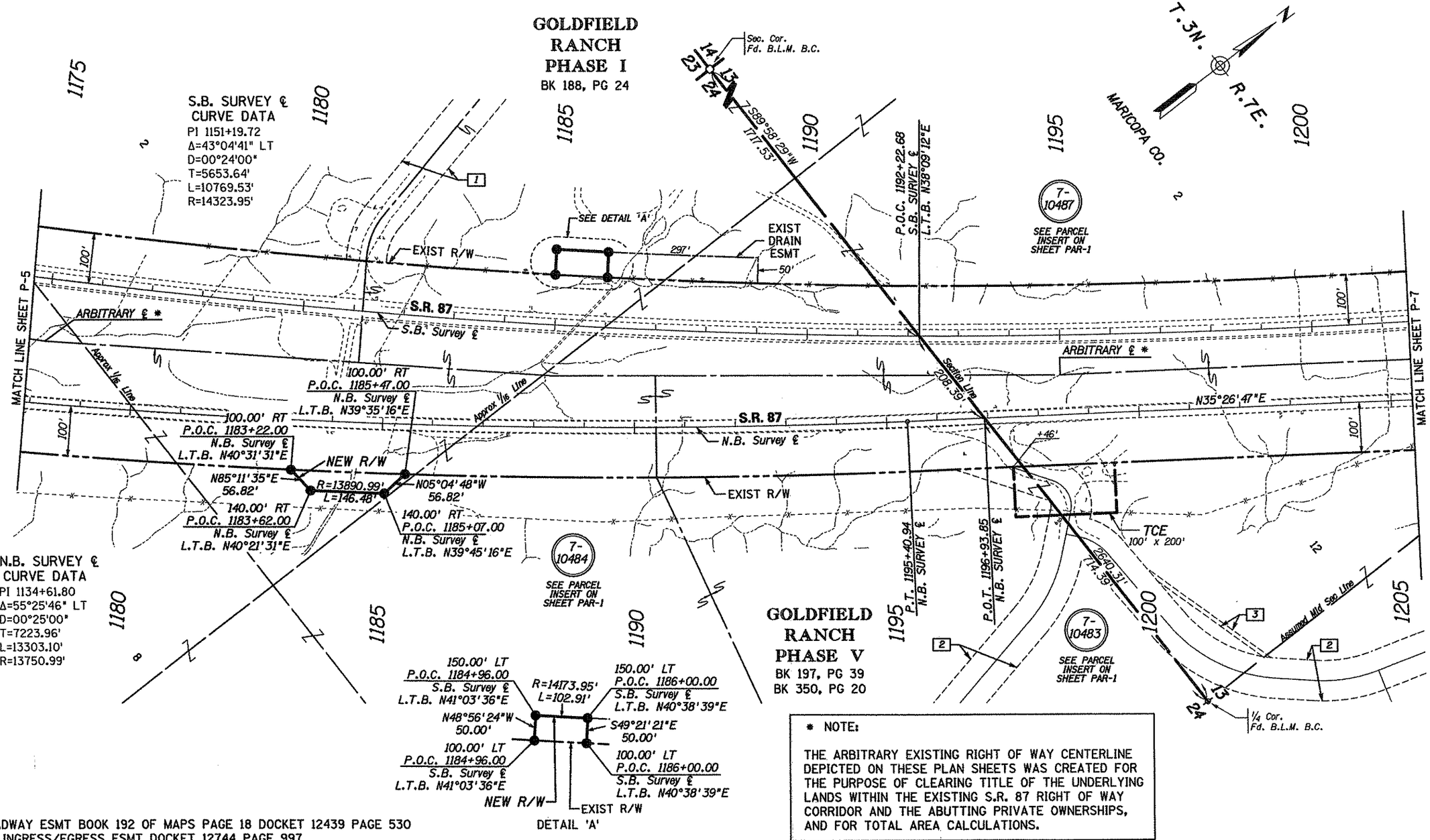
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: MESA - PAYSON
FEDERAL AID NO.: S 087-B-800
PROJECT NO.: 087 MA 193 H5211 01R

REGISTERED LAND SURVEYOR 19854 PAUL M. SOWERS ARIZONA U.S.A. Expires 6-30-2012

SHEET P-5

Click here for SR 87 Index



[1] ROADWAY ESMT BOOK 192 OF MAPS PAGE 18 DOCKET 12439 PAGE 530
80' INGRESS/EGRESS ESMT DOCKET 12744 PAGE 997
80' INGRESS/EGRESS ESMT AND PUE DOCUMENT NO. 2004-0178218

[2] ROADWAY ESMT BOOK 350 OF MAPS PAGE 20
ROADWAY ESMT BOOK 197 OF MAPS PAGE 39
DOCKET 12840 PAGE 826
INGRESS/EGRESS ESMT DOCKET 12791 PAGE 1118

[3] 8' ELECRICAL LINE EASEMENT DOCUMENT NO. 2004-0088438

* NOTE:

THE ARBITRARY EXISTING RIGHT OF WAY CENTERLINE DEPICTED ON THESE PLAN SHEETS WAS CREATED FOR THE PURPOSE OF CLEARING TITLE OF THE UNDERLYING LANDS WITHIN THE EXISTING S.R. 87 RIGHT OF WAY CORRIDOR AND THE ABUTTING PRIVATE OWNERSHIPS, AND FOR TOTAL AREA CALCULATIONS.

0 50 100
Scale

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

DRAWING NO.	D-07-T-955
SURVEY	See Attached Survey
DRAWN/DATE	AMEC/1-07
ADOT REVIEW	D. Casdorph
amec	
ROUTE NO.: S.R. 87	LOCATION: Forest Boundary - Dos 'S' Ranch

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

HIGHWAY NAME: MESA - PAYSON
FEDERAL AID NO.: S 087-B-800
PROJECT NO.: 087 MA 193 H5211 01R

REGISTERED LAND SURVEYOR 19854 PAUL M. SOWERS ARIZONA U.S.A.
Expires 6-30-2008

SHEET P-6

* NOTE:

THE ARBITRARY EXISTING RIGHT OF WAY CENTERLINE DEPICTED ON THESE PLAN SHEETS WAS CREATED FOR THE PURPOSE OF CLEARING TITLE OF THE UNDERLYING LANDS WITHIN THE EXISTING S.R. 87 RIGHT OF WAY CORRIDOR AND THE ABUTTING PRIVATE OWNERSHIPS, AND FOR TOTAL AREA CALCULATIONS.

T.3N. R.7E. MARICOPA CO.

GOLDFIELD RANCH PHASE I
BK 188, PG 24

GOLDFIELD RANCH PHASE V
BK 197, PG 39
BK 350, PG 20

C.¼ Cor. Not Fd.

P.T. 1202+35.61 S.B. SURVEY ℄

7-10487 SEE PARCEL INSERT ON SHEET PAR-1

7-10483 SEE PARCEL INSERT ON SHEET PAR-1

7-10492 SEE PARCEL INSERT ON SHEET PAR-1

7-10481 SEE PARCEL INSERT ON SHEET PAR-1

EXIST DRAIN ESMT 700'

EXIST R/W

Assumed Mid Sec Line

Approx ⅛ Line

S.R. 87
S.B. Survey ℄
N34°06'06"E

S.R. 87
N.B. Survey ℄
N35°26'47"E

ARBITRARY ℄ *

SEE DETAIL 'A'

P.C. 1216+14.17 BK
EQUA. P.C. 1216+14.31 AHD

MATCH LINE SHEET P-6

MATCH LINE SHEET P-8

Lot 2

Lot 3

N.B. SURVEY ℄ CURVE DATA
PI 1230+29.24
Δ=20°59'10" RT
D=00°45'00"
T=1414.93'
L=2798.15'
R=7639.44'

DETAIL 'A'

100.00' RT
P.O.C. 1225+06.00
N.B. Survey ℄
L.T.B. N42°08'02"E

120.00' RT
P.O.C. 1225+27.00
N.B. Survey ℄
L.T.B. N42°17'29"E

N86°13'51"E
28.78'

R=7519.44'
L=167.33'
NEW R/W

100.00' RT
P.O.C. 1227+18.00
N.B. Survey ℄
L.T.B. N43°43'26"E

N00°22'22"W
28.78'

120.00' RT
P.O.C. 1226+97.00
N.B. Survey ℄
L.T.B. N43°33'59"E

[1] ROADWAY ESMT BOOK 350 OF MAPS PAGE 20
ROADWAY ESMT BOOK 197 OF MAPS PAGE 39
DOCKET 12840 PAGE 826
INGRESS/EGRESS ESMT DOCKET 12791 PAGE 1118

[2] 20' INGRESS/EGRESS AND UNDERGROUND UTILITIES EASEMENT 04-1478157
20' INGRESS/EGRESS AND UNDERGROUND UTILITIES EASEMENT 02-0223066

[3] 20' INGRESS/EGRESS AND UNDERGROUND UTILITIES EASEMENT 04-1477960 00-0304095

[4] 30' INGRESS/EGRESS AND UNDERGROUND UTILITIES EASEMENT 04-1477960 00-0304095

Click here for SR 87 Index

0 50 100 Scale

...\06 SR87\ROW\087RW193_P07.DGN

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

DRAWING NO.	D-07-T-955
SURVEY	See Attached Survey
DRAWN/DATE	AMEC/1-07
ADOT REVIEW	D. Casdorph

amec

ROUTE NO.: S.R. 87

LOCATION: Forest Boundary - Dos 'S' Ranch

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

HIGHWAY NAME: MESA - PAYSON

FEDERAL AID NO.: S 087-B-800

PROJECT NO. 087 MA 193 H5211 01R

REGISTERED LAND SURVEYOR 19854 PAUL M. SOWERS ARIZONA U.S.A.

Expires 6-30-2008

SHEET P-7

Click here for SR 87 Index

GOLDFIELD RANCH PHASE I
BK 188, PG 24

GOLDFIELD RANCH PHASE V
BK 197, PG 39
BK 350, PG 20

* NOTE:

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N.B. SURVEY ℄ CURVE DATA
PI 1268.75.61
TOTAL CURVE
Δ=35°07'00" LT
T=1963.15'
L=3811.67'

SPIRAL	MAIN CURVE	SPIRAL
a=0.65'	Δ=32°07'00" LT	a=0.65'
Δ=01°30'00"	D=01°00'00"	Δ=01°30'00"
L=300.00'	L=3211.67'	L=300.00'
	R=5729.58'	

N.B. SURVEY ℄ CURVE DATA
PI 1230+29.24
Δ=20°59'10" RT
D=00°45'00"
T=1414.93'
L=2798.15'
R=7639.44'

DETAIL 'A'

DETAIL 'B'

DETAIL 'C'

DETAIL 'D'

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

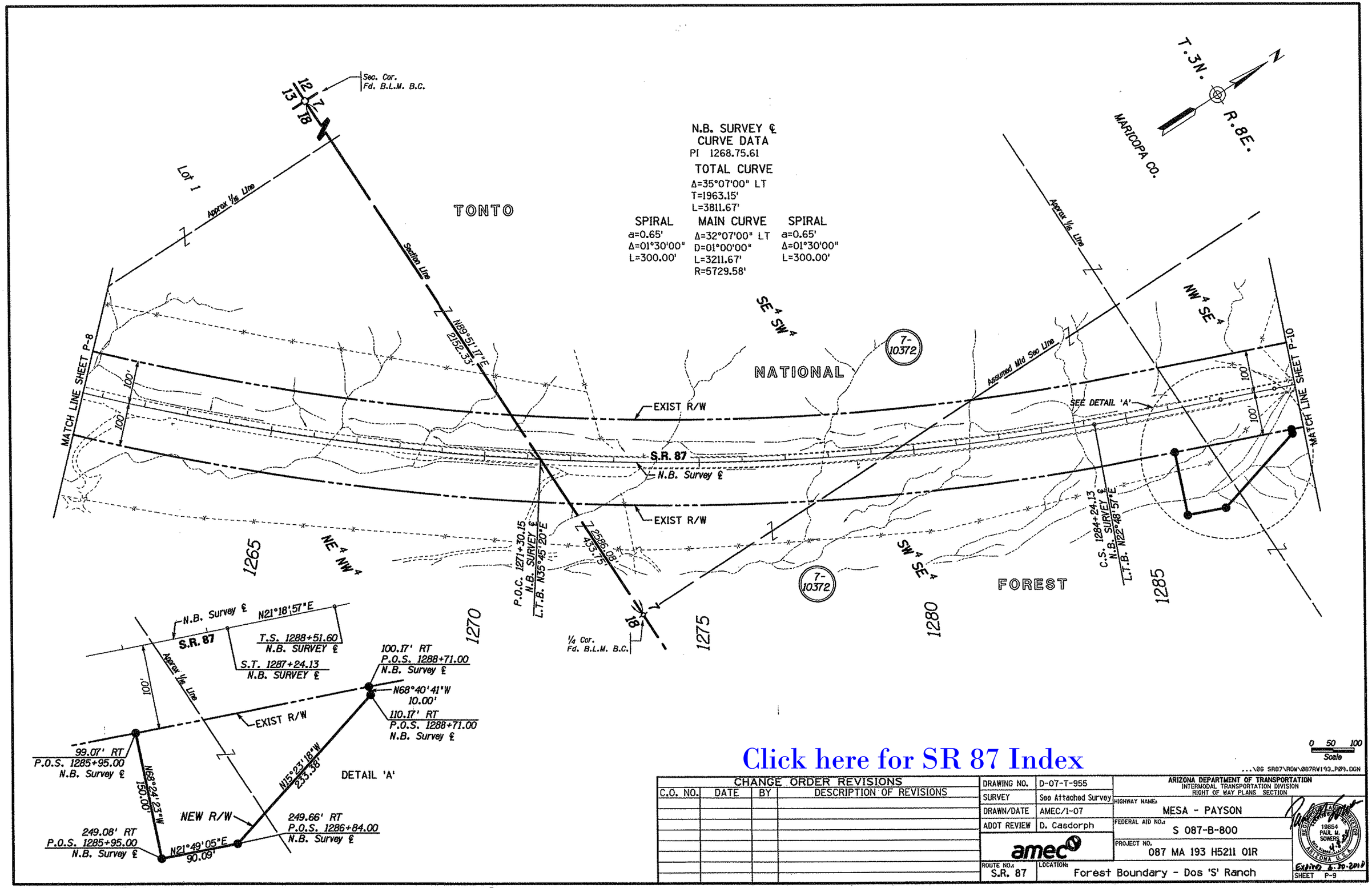
DRAWING NO.	D-07-T-955
SURVEY	See Attached Survey
DRAWN/DATE	AMEC/1-07
ADOT REVIEW	D. Casdorph
ROUTE NO.:	S.R. 87
LOCATION:	Forest Boundary - Dos 'S' Ranch

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

HIGHWAY NAME: MESA - PAYSON
FEDERAL AID NO.: S 087-B-800
PROJECT NO. 087 MA 193 H5211 01R

...\06 SR87\ROW\087RW193_P08.DGN

SHEET P-8



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

DRAWING NO.	D-07-T-955
SURVEY	See Attached Survey
DRAWN/DATE	AMEC/1-07
ADOT REVIEW	D. Casdorph

amec

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

HIGHWAY NAME: MESA - PAYSON
FEDERAL AID NO.: S 087-B-800
PROJECT NO. 087 MA 193 H5211 01R
ROUTE NO.: S.R. 87
LOCATION: Forest Boundary - Dos 'S' Ranch

REGISTERED LAND SURVEYOR
19854
PAUL M. SOWERS
ARIZONA U.S.A.
Expires 6-30-2010

SHEET P-9

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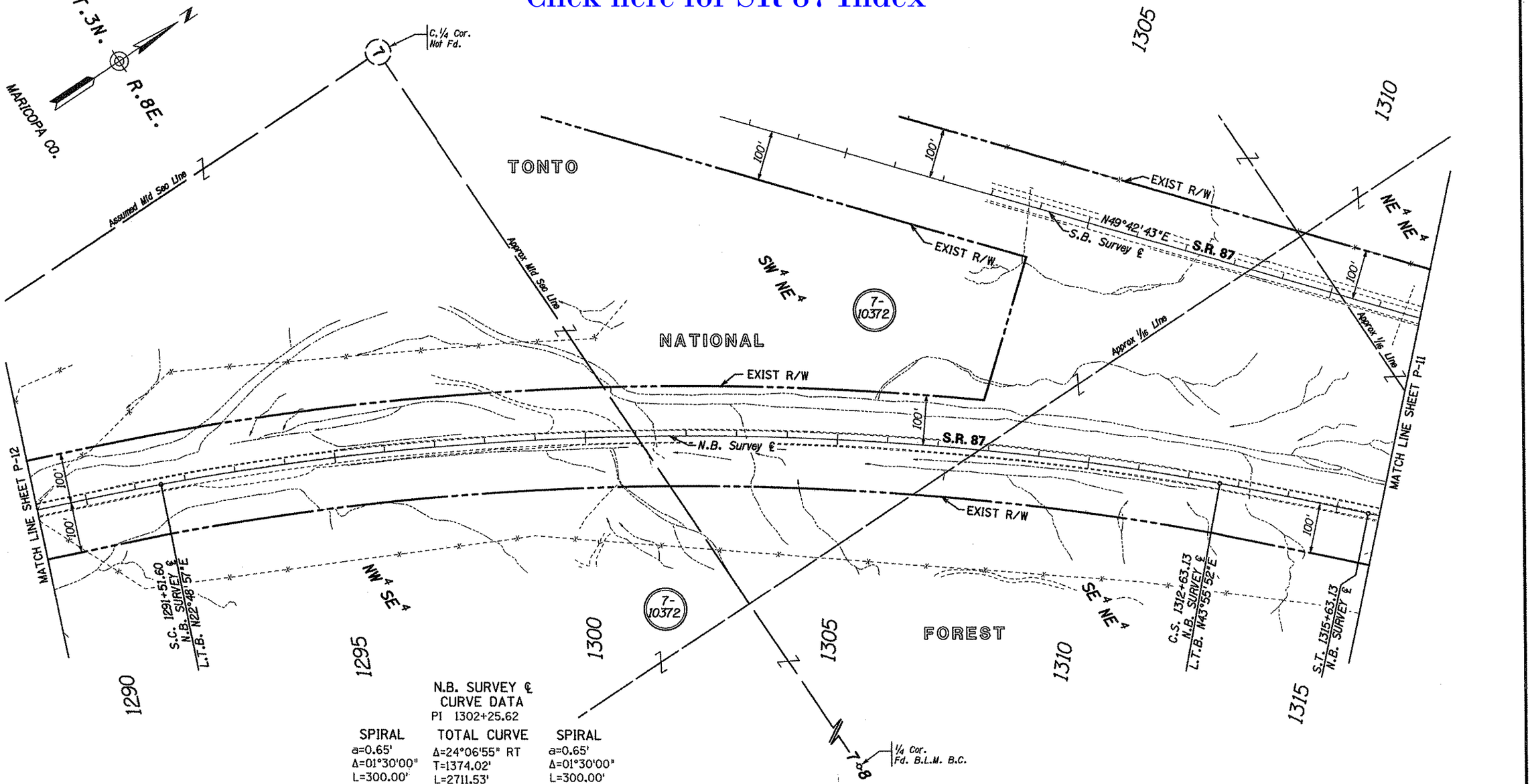


N.B. SURVEY ℄
CURVE DATA
PI 1302+25.62

SPIRAL	TOTAL CURVE	SPIRAL
a=0.65'	Δ=24°06'55" RT	a=0.65'
Δ=01°30'00"	T=1374.02'	Δ=01°30'00"
L=300.00'	L=2711.53'	L=300.00'

MAIN CURVE
Δ=21°06'55" RT
D=01°00'00"
L=2111.53'
R=5729.58'

0 50 100
Scale

...\06 SR87\ROW\087RW193_P10.DGN

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

DRAWING NO.	D-07-T-955
SURVEY	See Attached Survey
DRAWN/DATE	AMEC/1-07
ADOT REVIEW	D. Casdorph

amec

ROUTE NO.: S.R. 87

LOCATION: Forest Boundary - Dos 'S' Ranch

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

HIGHWAY NAME: MESA - PAYSON

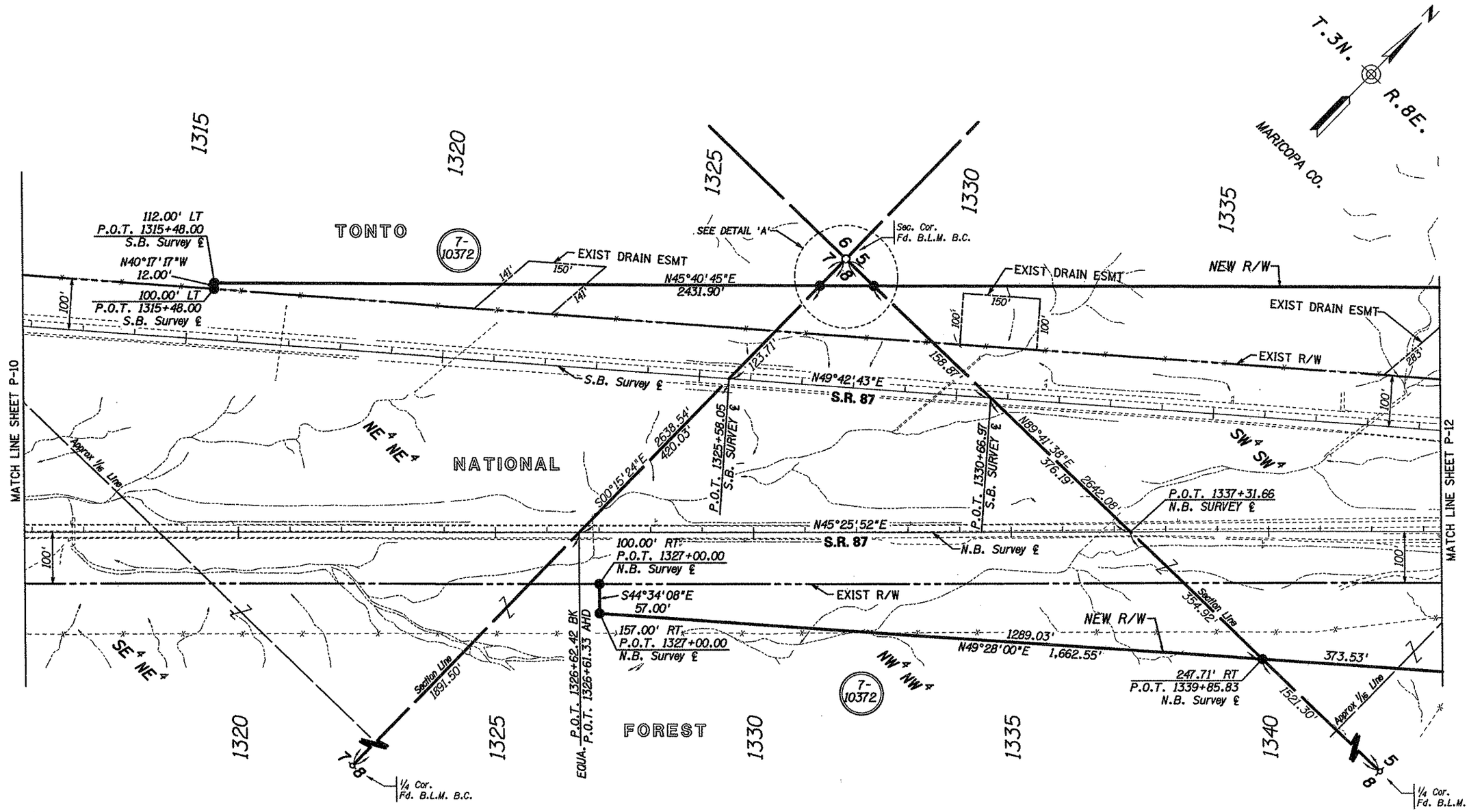
FEDERAL AID NO.: S 087-B-800

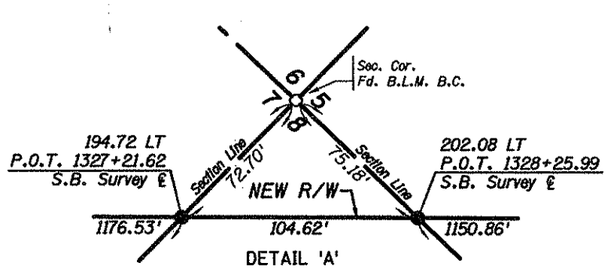
PROJECT NO.: 087 MA 193 H5211 01R

REGISTERED LAND SURVEYOR 19854 PAUL M. SOWERS ARIZONA U.S.A.

EXPIRES 6-30-2010

SHEET P-10





Click here for SR 87 Index

0 50 100
Scale

...\86 SR87\ROW\087RW193_P11.DGN

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

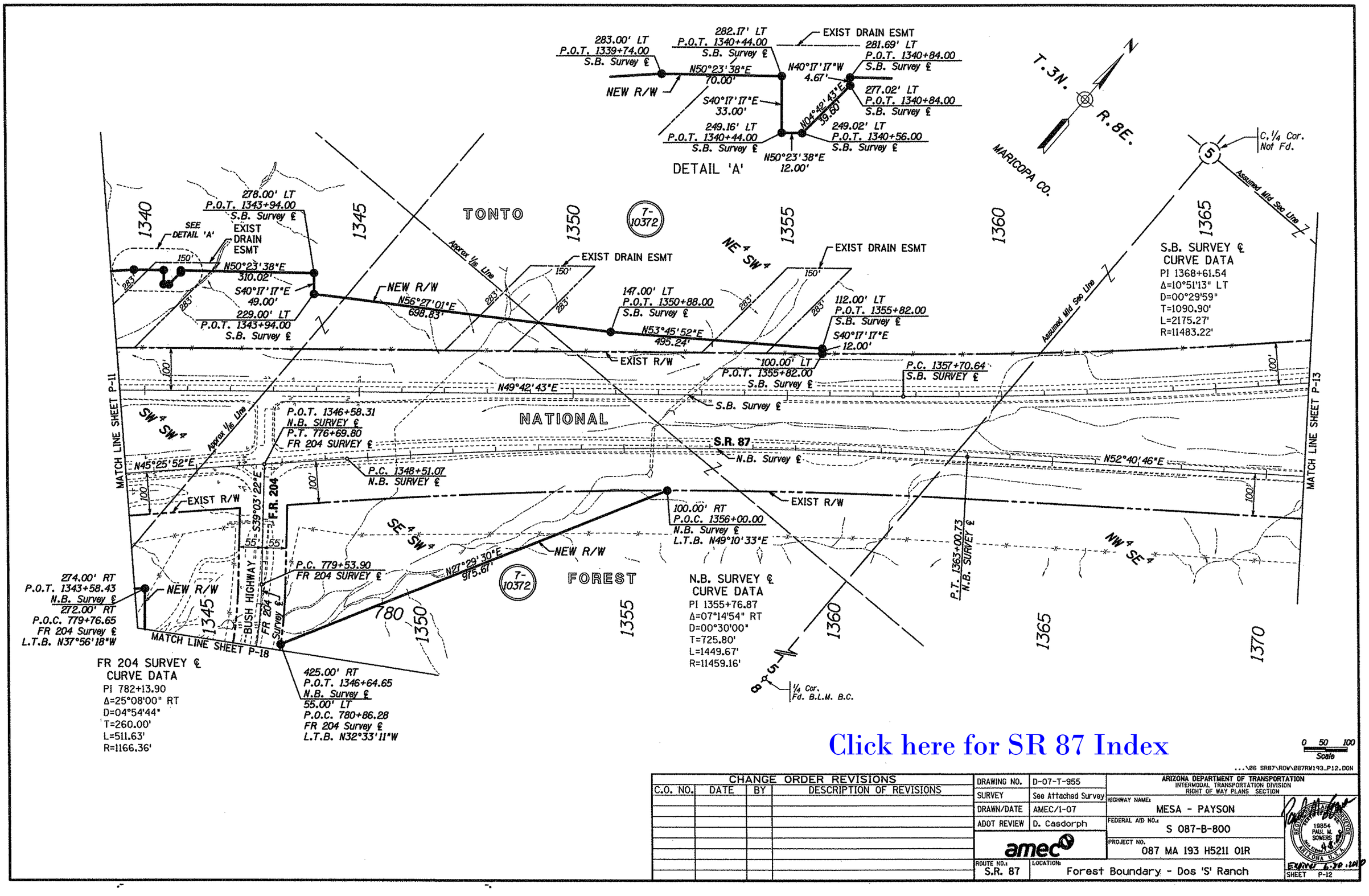
DRAWING NO.	D-07-T-955
SURVEY	See Attached Survey
DRAWN/DATE	AMEC/1-07
ADOT REVIEW	D. Casdorph
amec	
ROUTE NO.: S.R. 87	LOCATION: Forest Boundary - Dos 'S' Ranch

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

HIGHWAY NAME: MESA - PAYSON
FEDERAL AID NO.: S 087-B-800
PROJECT NO. 087 MA 193 H5211 01R

REGISTERED LAND SURVEYOR 19654 PAUL M. SOWERS ARIZONA U.S.A.
Expires 6-30-2010

SHEET P-11



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0 50 100
Scale

...\06 SR87\ROW\087RW193_P12.DGN

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

DRAWING NO.	D-07-T-955
SURVEY	See Attached Survey
DRAWN/DATE	AMEC/1-07
ADOT REVIEW	D. Casdorph

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

HIGHWAY NAME: MESA - PAYSON
FEDERAL AID NO.: S 087-B-800
PROJECT NO. 087 MA 193 H5211 01R
ROUTE NO.: S.R. 87
LOCATION: Forest Boundary - Dos 'S' Ranch

19854 PAUL M. SOWERS REGISTERED LAND SURVEYOR ARIZONA U.S.A.
EXPIRES 6-30-2010

SHEET P-12

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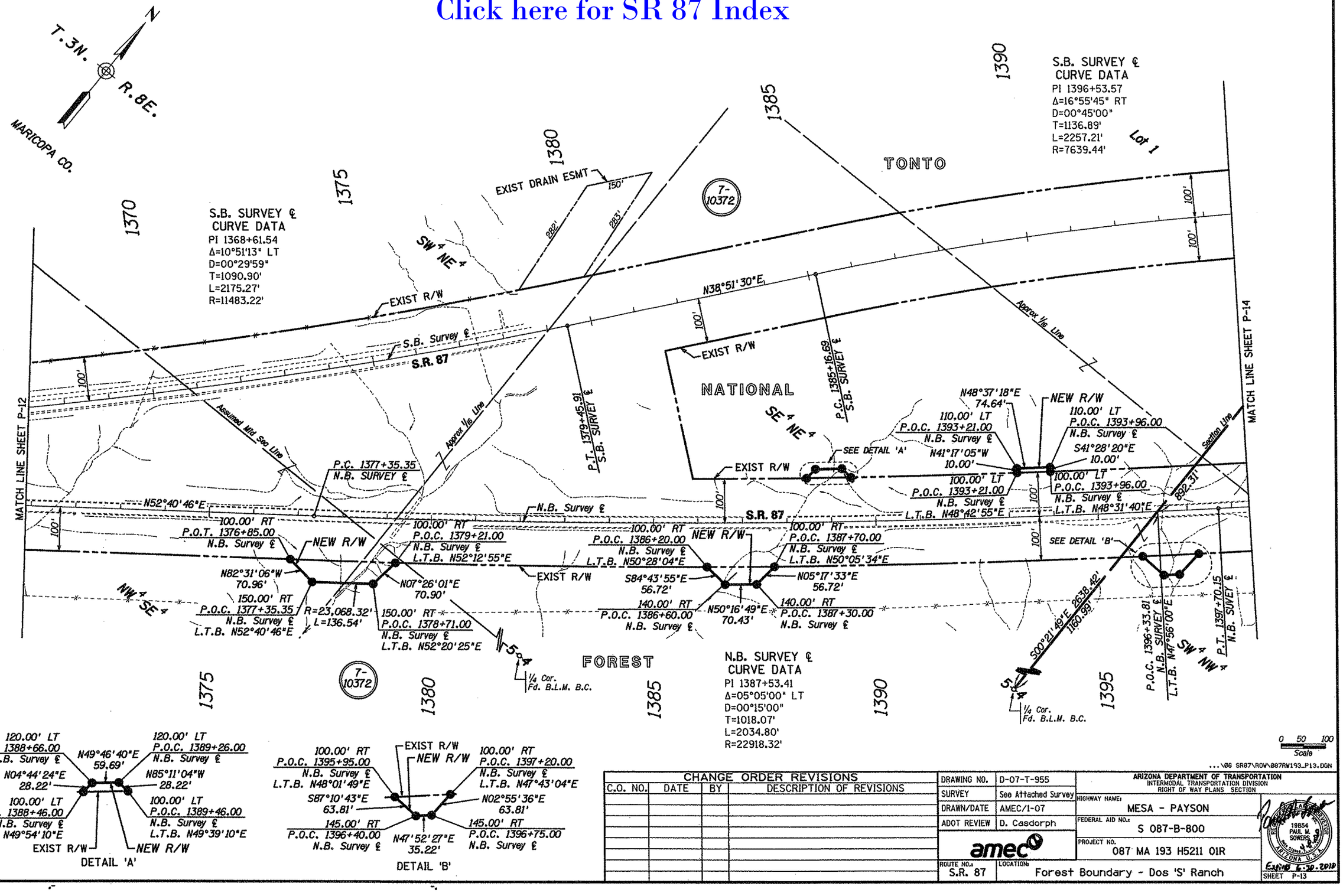
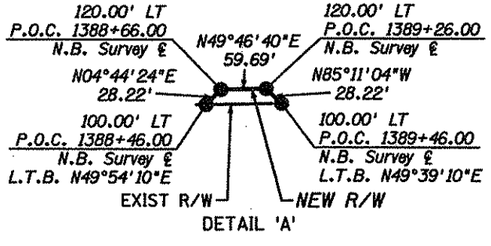




CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-07-T-955
SURVEY	See Attached Survey
DRAWN/DATE	AMEC/1-07
ADOT REVIEW	D. Casdorph
amec	
ROUTE NO.: S.R. 87	LOCATION: Forest Boundary - Dos 'S' Ranch

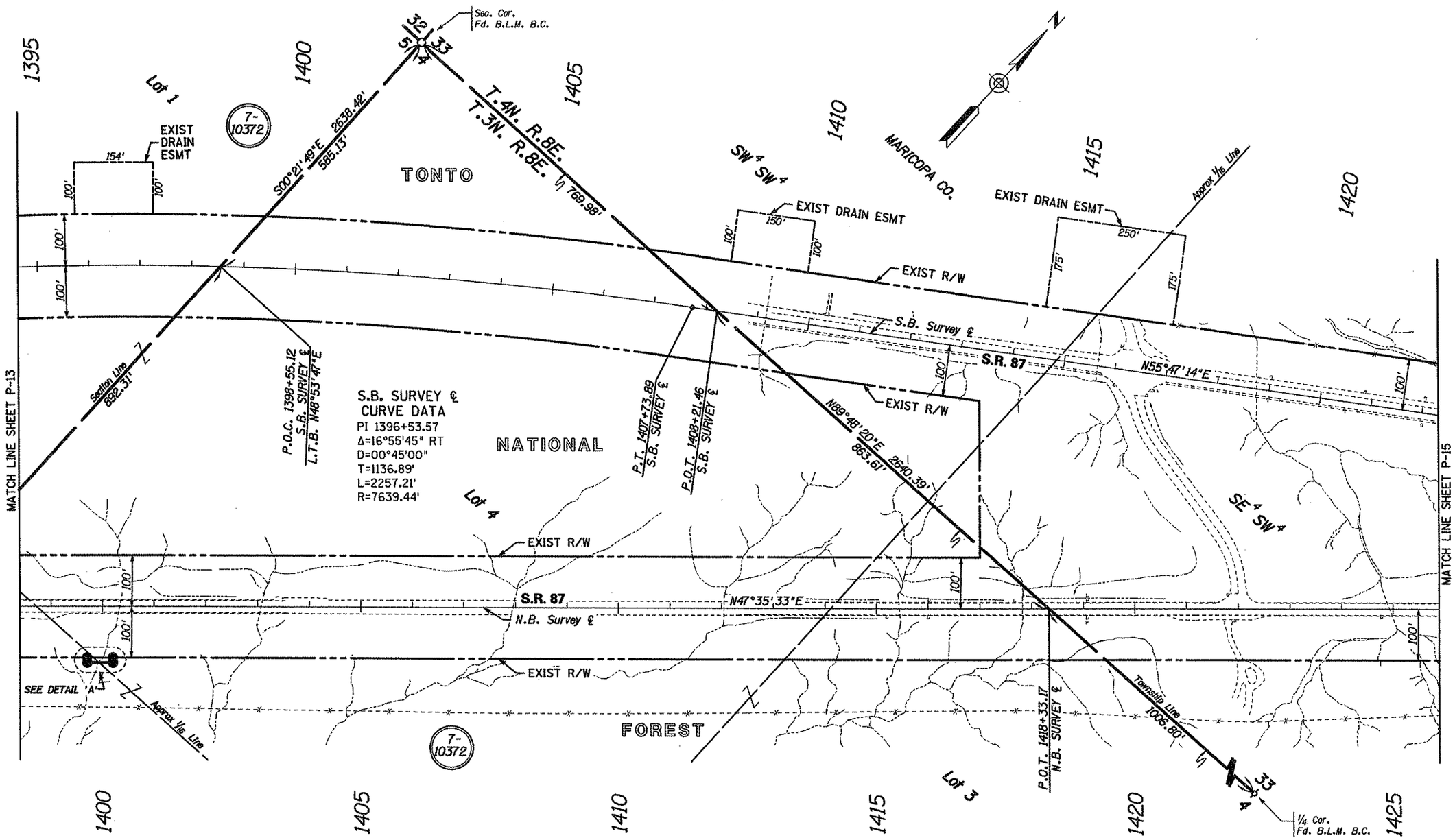
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

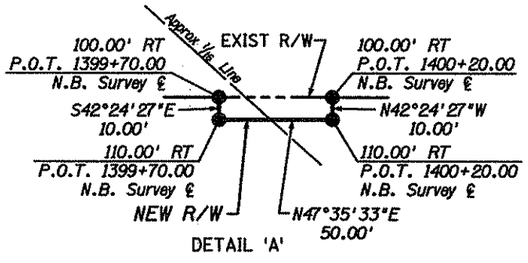
HIGHWAY NAME: MESA - PAYSON
FEDERAL AID NO.: S 087-B-800
PROJECT NO. 087 MA 193 H5211 01R

REGISTERED LAND SURVEYOR 19854 PAUL M. SOWERS ARIZONA U.S.A.
Expires 6-30-2010

SHEET P-13

...\06 SR87\ROW\087RW193_P13.DGN





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0 50 100
Scale

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

DRAWING NO.	D-07-T-955
SURVEY	See Attached Survey
DRAWN/DATE	AMEC/1-07
ADOT REVIEW	D. Casdorph

amec

ROUTE NO.: S.R. 87

LOCATION: Forest Boundary - Dos 'S' Ranch

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

HIGHWAY NAME: MESA - PAYSON

FEDERAL AID NO.: S 087-B-800

PROJECT NO.: 087 MA 193 H5211 01R

REGISTERED LAND SURVEYOR 19854 PAUL M. SOWERS ARIZONA U.S.A.

EXPIRES 6.30.2010

SHEET P-14

BEGIN R/W PROJECT
087 MA 201 H6219 01R
S 087-B-700

T.4N. R.8E.

MARICOPA CO.

C.1/4 Cor. Not Fd.

S.B. SURVEY ℄ CURVE DATA
PI 1439+23.73
Δ=11°59'25" LT
D=01°00'00"
T=601.72'
L=1199.04'
R=5729.58'

P.O.T. 1424+53.47 S.B. SURVEY ℄

P.C. 1433+22.02 S.B. SURVEY ℄

P.T. 1445+21.05 S.B. SURVEY ℄

NEW R/W

EXIST R/W

S.B. Survey ℄

N.B. Survey ℄

S.R. 87

N55°47'14"E

N43°47'49"E

N47°35'33"E

100'

Approx 1/16 Line

Assumed Mid Sec Line

NE 1/4 SW 1/4

SE 1/4 SW 1/4

SW 1/4 SE 1/4

NW 1/4 SE 1/4

NE 1/4 SE 1/4

TONTO NATIONAL FOREST

1425 1430 1435 1440 1445 1450

MATCH LINE SHEET P-14

MATCH LINE SHEET P-16

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

New R/W from station 1424+53.47 100.00' LT thru 1521+27.59 200.00' LT acquired in association with R/W project S 087-B-700, MP 201 - MP 202, TRACS No. 087 MA 201 H6219 01R. For further information, refer to the R/W plans and Monumentation Survey of said project

Click here for SR 87 Index

0 50 100 Scale

...\06 SR87\ROW\087RW193_P15.DGN

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

DRAWING NO.	D-07-T-955
SURVEY	See Attached Survey
DRAWN/DATE	AMEC/1-07
ADOT REVIEW	D. Casdorph

amec

ROUTE NO.: S.R. 87

LOCATION: Forest Boundary - Dos 'S' Ranch

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

HIGHWAY NAME: MESA - PAYSON

FEDERAL AID NO.: S 087-B-800

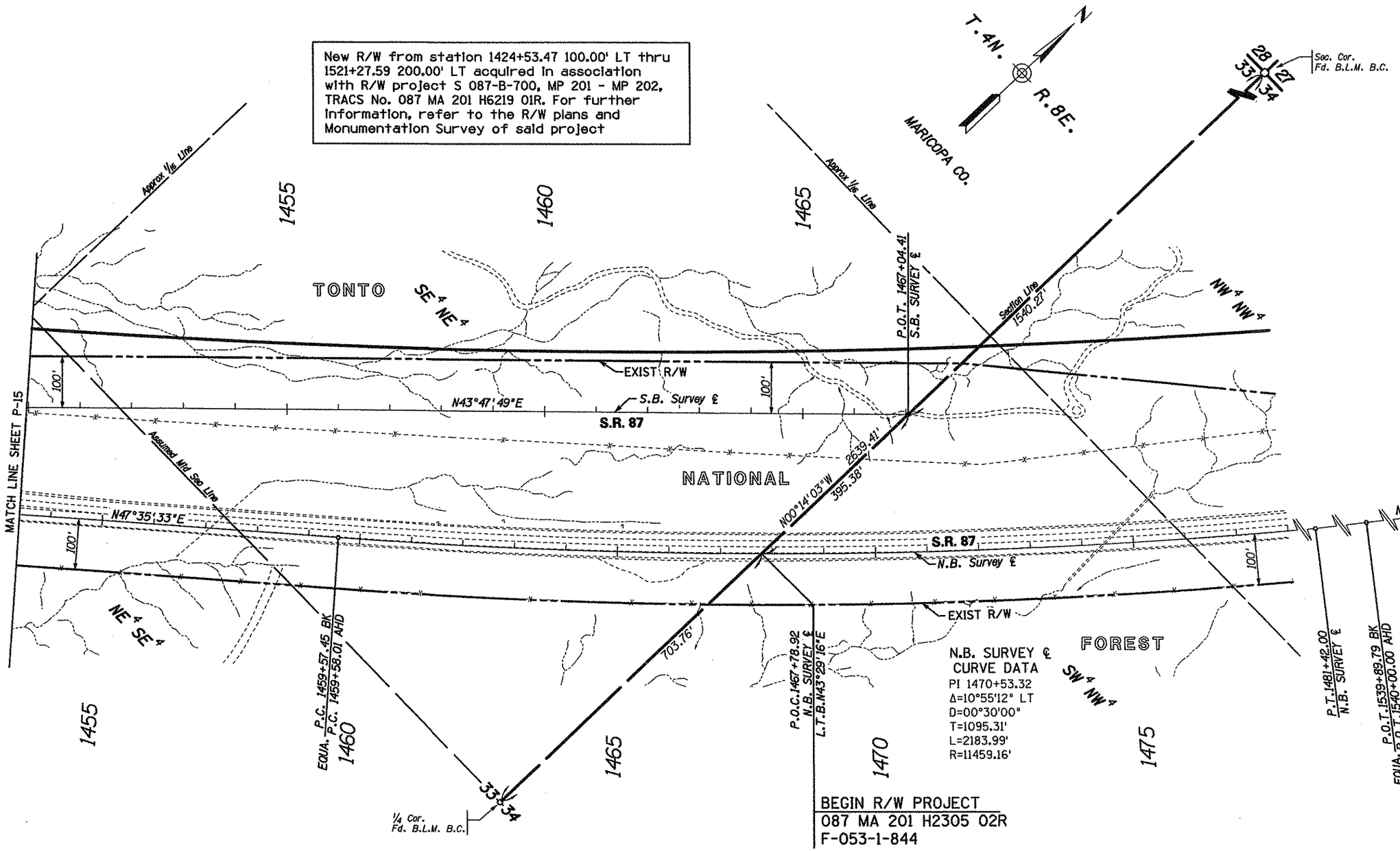
PROJECT NO.: 087 MA 193 H5211 01R

REGISTERED LAND SURVEYOR 19854 PAUL M. SOWERS ARIZONA U.S.A.

EXPIRES 6.30.2010

SHEET P-15

New R/W from station 1424+53.47 100.00' LT thru 1521+27.59 200.00' LT acquired in association with R/W project S 087-B-700, MP 201 - MP 202, TRACS No. 087 MA 201 H6219 01R. For further information, refer to the R/W plans and Monumentation Survey of said project



...\06 SR87\ROW\087RW193_P16.DGN

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

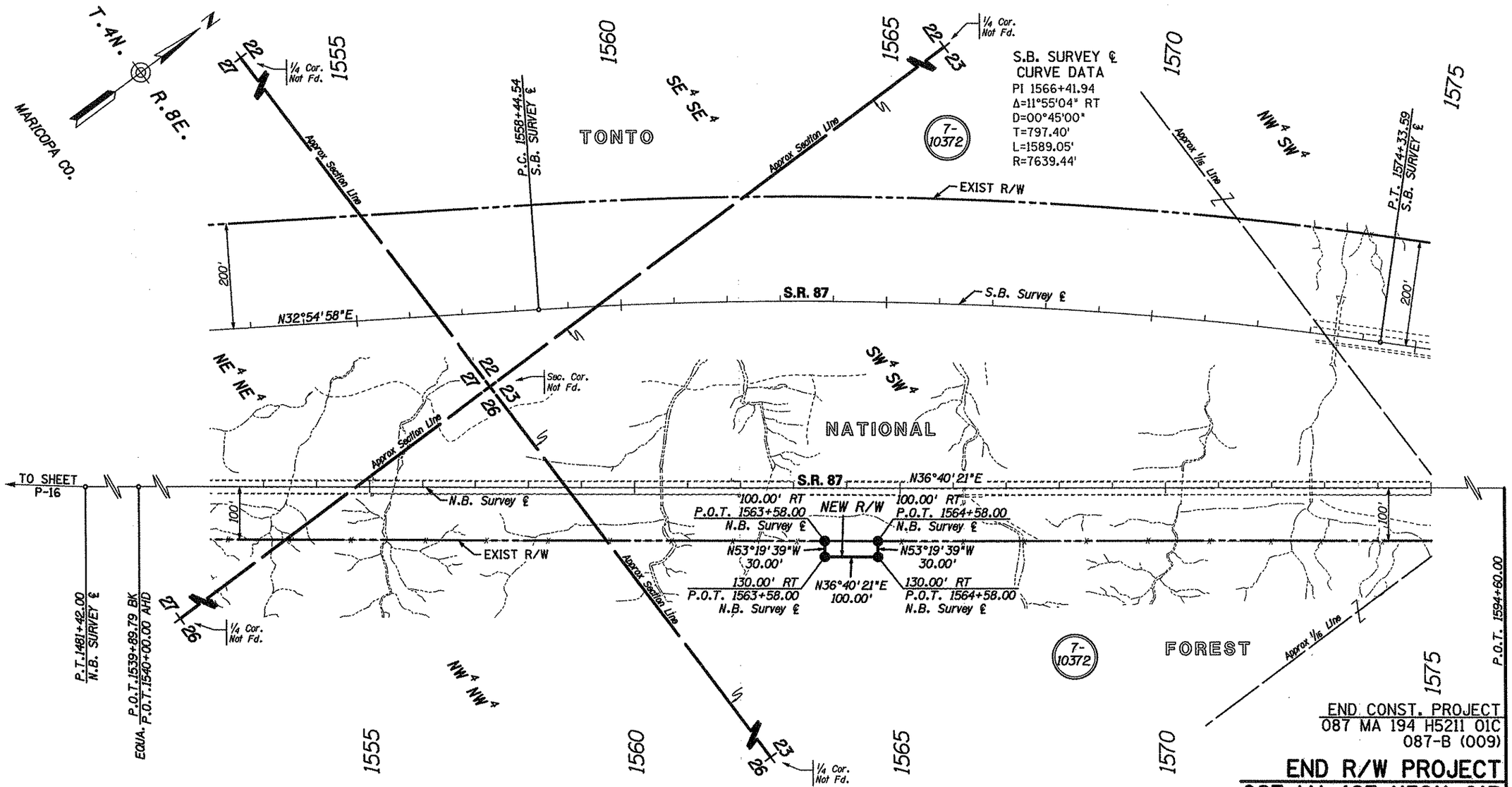
DRAWING NO.	D-07-T-955
SURVEY	See Attached Survey
DRAWN/DATE	AMEC/1-07
ADOT REVIEW	D. Casdorph
amec	
ROUTE NO.: S.R. 87	LOCATION: Forest Boundary - Dos 'S' Ranch

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

HIGHWAY NAME: MESA - PAYSON
FEDERAL AID NO.: S 087-B-800
PROJECT NO.: 087 MA 193 H5211 01R

REGISTERED LAND SURVEYOR 18854 PAUL M. SOWERS ARIZONA U.S.A.
Expires 6-30-2010
SHEET P-16

Click here for SR 87 Index



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

DRAWING NO.	D-07-T-955
SURVEY	See Attached Survey
DRAWN/DATE	AMEC/1-07
ADOT REVIEW	D. Casdorph

amec

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

HIGHWAY NAME: MESA - PAYSON

FEDERAL AID NO.: S 087-B-800

PROJECT NO. 087 MA 193 H5211 01R

ROUTE NO.: S.R. 87

LOCATION: Forest Boundary - Dos 'S' Ranch

REGISTERED LAND SURVEYOR 19854 PAUL M. SOWERS ARIZONA U.S.A.

Expires 6.30.2010

SHEET P-17

Click here for SR 87 Index

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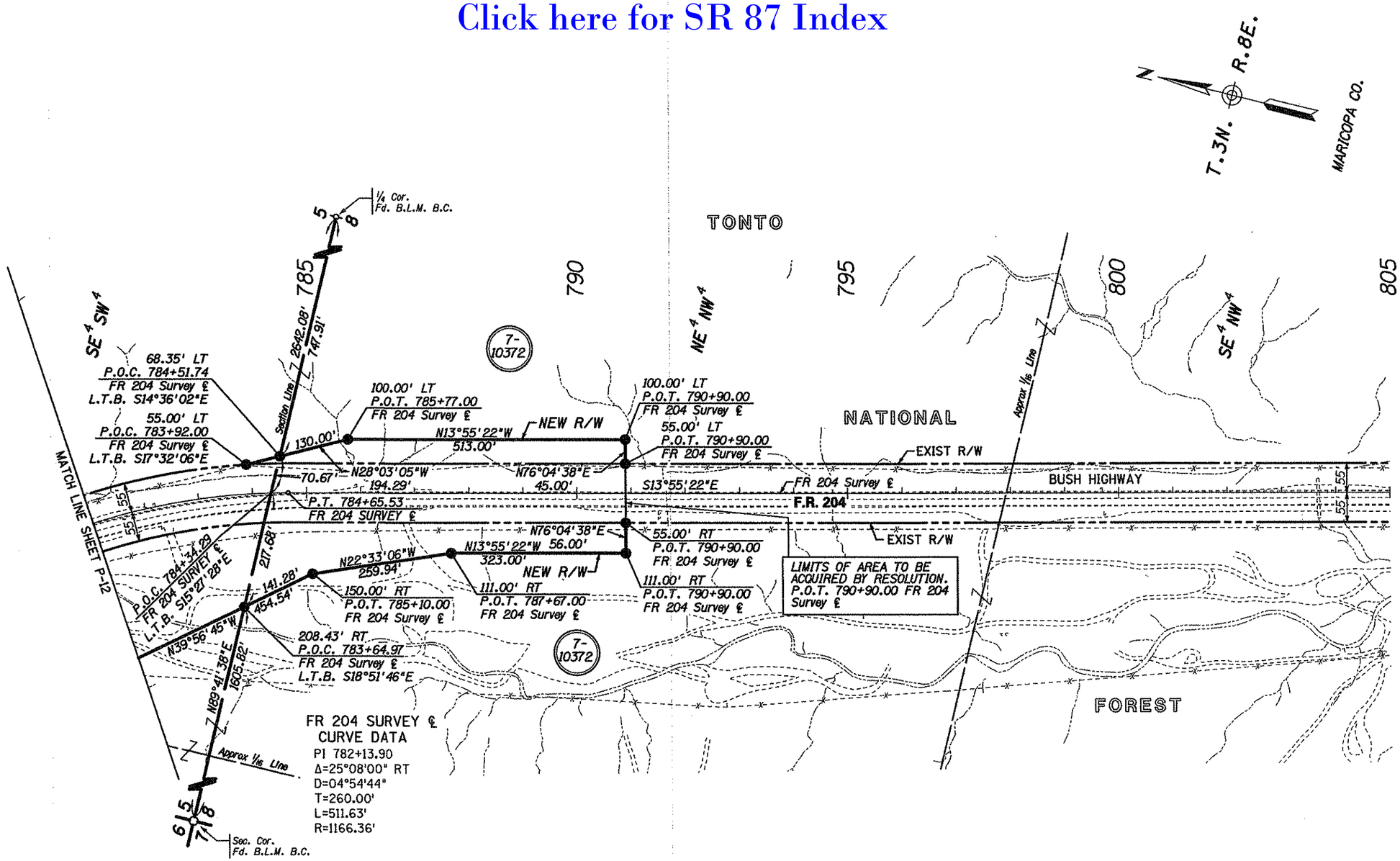


0 50 100
Scale

...\06 SR87\ROW\087RW193_P18.DGN

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

DRAWING NO.	D-07-T-955
SURVEY	See Attached Survey
DRAWN/DATE	AMEC/1-07
ADOT REVIEW	D. Casdorph

amec

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

HIGHWAY NAME: MESA - PAYSON
FEDERAL AID NO.: S 087-B-800
PROJECT NO.: 087 MA 193 H5211 01R
ROUTE NO.: S.R. 87
LOCATION: Forest Boundary - Dos 'S' Ranch

REGISTERED LAND SURVEYOR
19854
PAUL M. SOWERS
ARIZONA U.S.A.
EXPIRES 6-30-2010

SHEET P-18

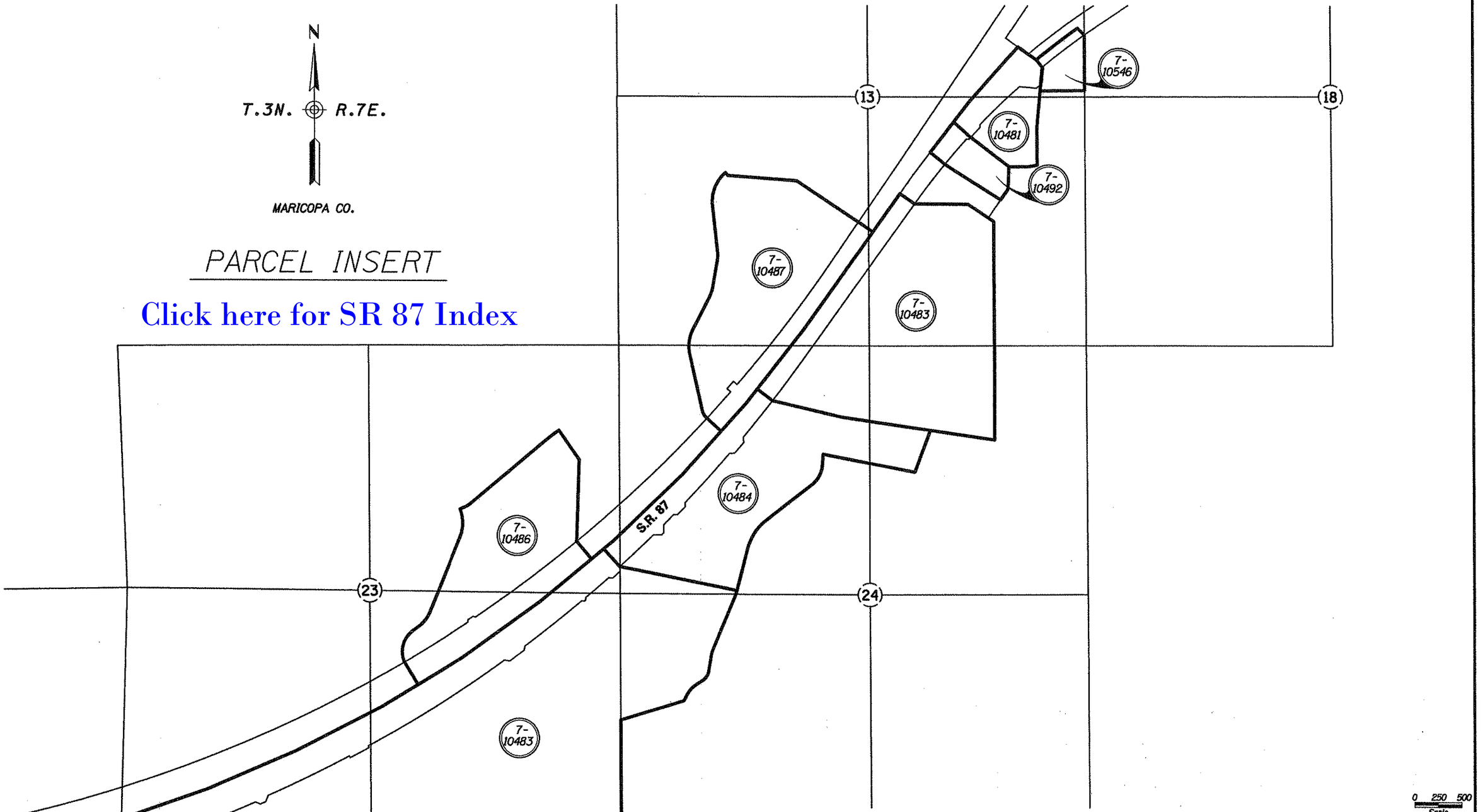
N

T.3N. R.7E.

MARICOPA CO.

PARCEL INSERT

Click here for SR 87 Index



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...\06 SR87\ROW\087RW193_PAR01.DGN

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

DRAWING NO.	D-07-T-955
SURVEY	See Attached Survey
DRAWN/DATE	AMEC/1-07
ADOT REVIEW	D. Casdorph
amec	
ROUTE NO.: S.R. 87	LOCATION: Forest Boundary - Dos 'S' Ranch

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

HIGHWAY NAME: MESA - PAYSON

FEDERAL AID NO.: S 087-B-800

PROJECT NO. 087 MA 193 H5211 01R

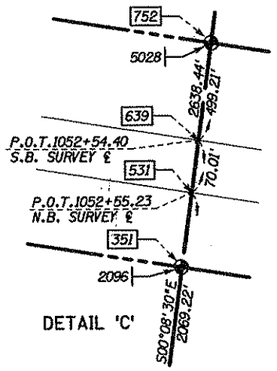
REGISTERED LAND SURVEYOR
CERTIFICATE NO.
19854
PAUL M. SOWERS
ARIZONA U.S.A.

EXPIRES 6-30-2010

SHEET PAR-1

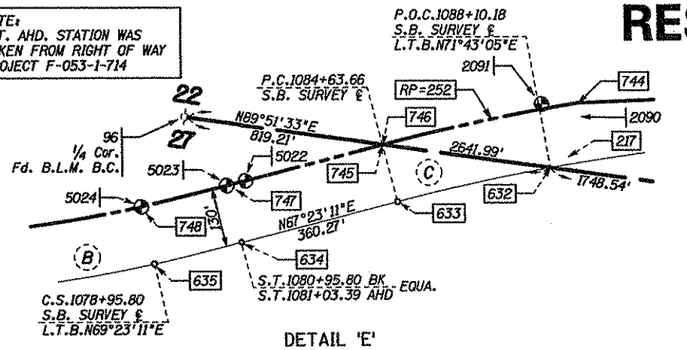
Click here for SR 87 Index

RESULTS OF SURVEY

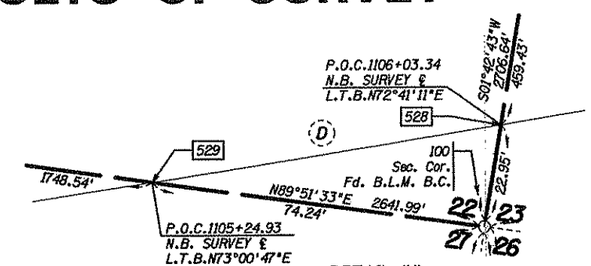


DETAIL 'C'

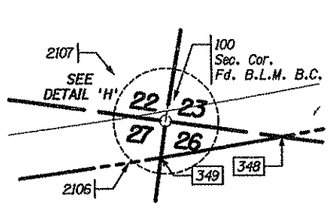
NOTE:
S.T. AHD. STATION WAS TAKEN FROM RIGHT OF WAY PROJECT F-053-1-714



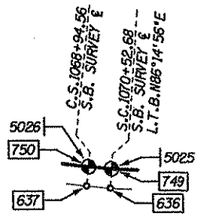
DETAIL 'E'



DETAIL 'H'



DETAIL 'G'



DETAIL 'D'

FT. MC DOWELL

NOTE:
P.O.T. AHD. STATIONS WERE TAKEN FROM RIGHT OF WAY PROJECT F-053-1-714

DATA TABLE

1.	N77°10'47"E 317.28'

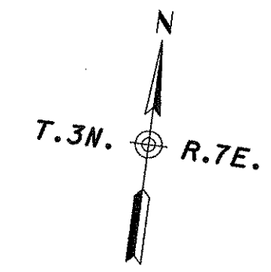
Ⓐ S.B. SURVEY ℄ CURVE DATA
PI 1065+70.51 ← 218
Δ=02°42'53" LT
D=00°25'08"
T=324.17'
L=648.22'
R=13680.99' ← 250

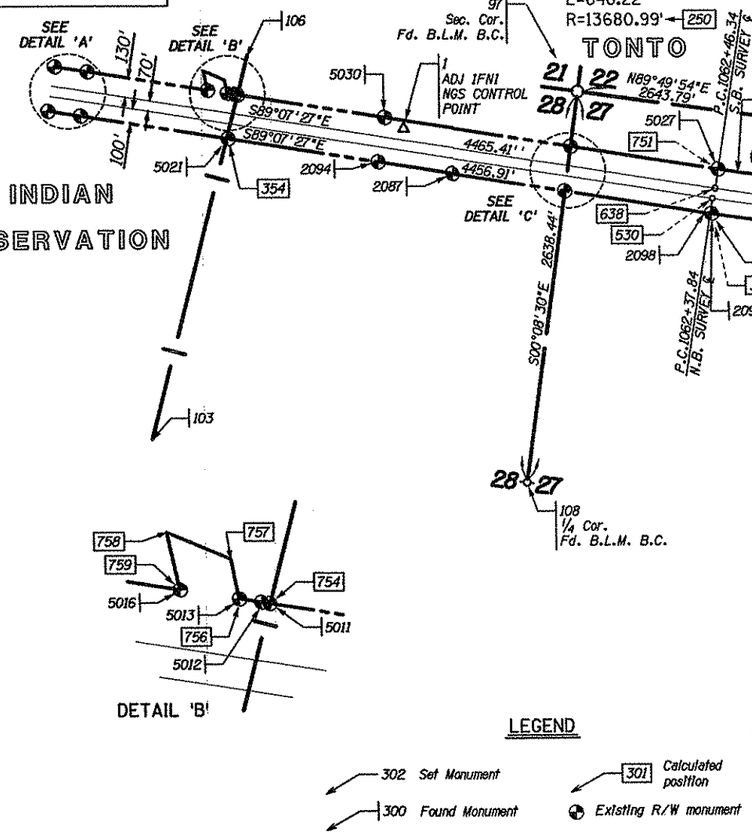
Ⓑ S.B. SURVEY ℄ CURVE DATA
PI 1074+90.88 ← 219
TOTAL CURVE
Δ=20°46'29" LT
T=588.04' BK
T=624.92' AHD
L=1201.24'
SPIRAL BACK
a=0.47'
Δ=01°54'44"
L=158.12'
MAIN CURVE
Δ=16°51'45" LT
D=02°00'00"
L=843.12'
R=2864.79' ← 251
SPIRAL AHEAD
a=0.58'
Δ=02°00'00"
L=200.00'

Ⓒ S.B. SURVEY ℄ CURVE DATA
PI 1088+56.35 ← 217
Δ=09°47'36" RT
D=01°15'00"
T=392.69'
L=783.47'
R=4583.66' ← 252

Ⓓ S.B. SURVEY ℄ CURVE DATA
PI 1151+19.72 ← 216
Δ=43°04'41" LT
D=00°24'00"
T=5653.64'
L=10769.53'
R=14323.95' ← 253

Ⓔ N.B. SURVEY ℄ CURVE DATA
PI 1134+61.80 ← 215
Δ=55°25'46" LT
D=00°25'00"
T=7223.96'
L=13303.10'
R=13750.99' ← 254





LEGEND

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

0 250 500
Scale

...\06 SR87\RDS\087RW193.SRVY01

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
N/A	9-20-07	AG	UPDATE CURVE Ⓑ DATA
1			

DRAWING NO.	D-07-T-955
SURVEY	JAN. 2004
DRAWN/DATE	A. Grass/03-04
ADOT REVIEW	J. Sharpe
amec	
ROUTE NO.:	S.R. 87
SECTION NAME:	Forest Boundary - DOS 'S' Ranch

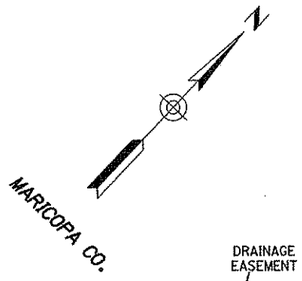
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

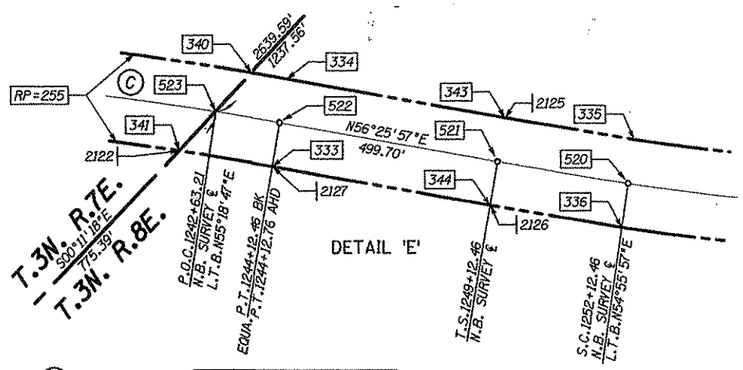
HIGHWAY NAME: MESA - PAYSON
FEDERAL IDENTIFICATION NO.: S 087-B-800
TRACS NO.: 087 MA 193 H5211 01R
SHEET RS-1

REGISTERED LAND SURVEYOR
15573
GERALD HUGHES
ARIZONA U.S.A.

RESULTS OF SURVEY

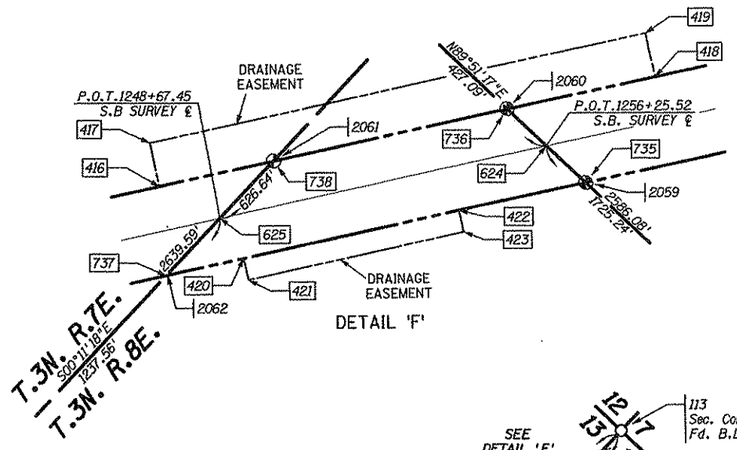
Click here for SR 87 Index

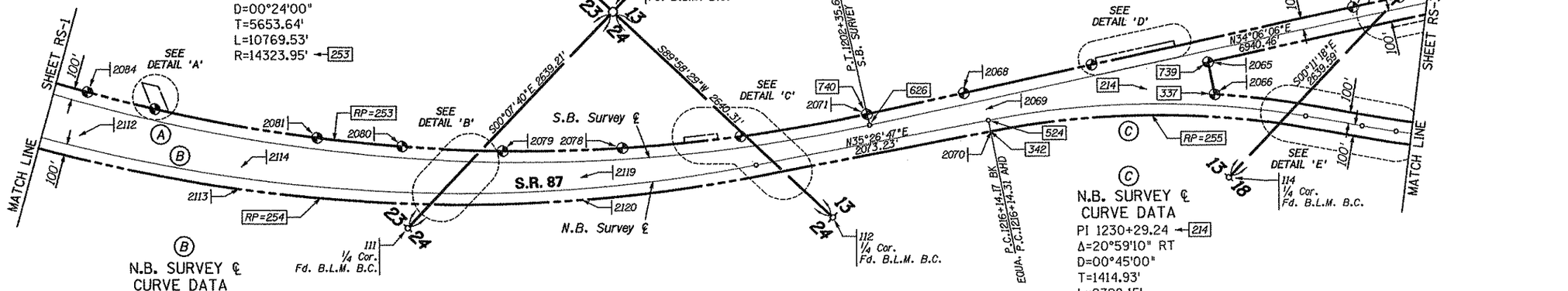




(A)
S.B. SURVEY ℄
CURVE DATA
PI 1151+19.72 ← 216
Δ=43°04'41" LT
D=00°24'00"
T=5653.64'
L=10769.53'
R=14323.95' ← 253

NOTE:
P.T. AHD. STATION WAS
TAKEN FROM RIGHT OF WAY
PROJECT F-053-1-800

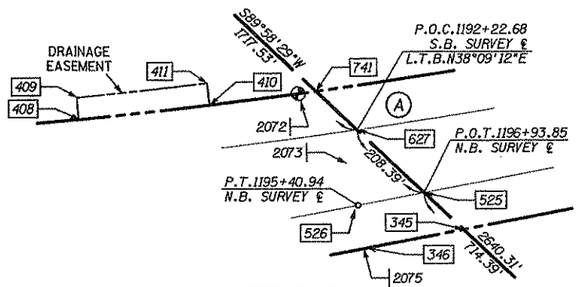


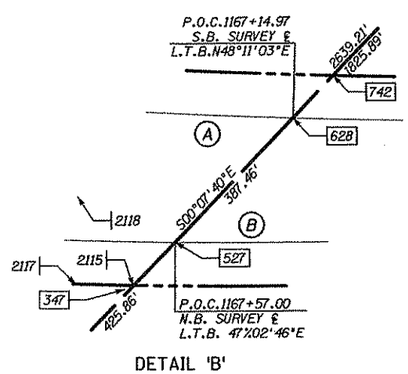


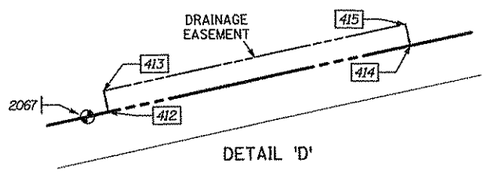
(B)
N.B. SURVEY ℄
CURVE DATA
PI 1134+61.80 ← 215
Δ=55°25'46" LT
D=00°25'00"
T=7223.96'
L=13303.10'
R=13750.99' ← 254

(C)
N.B. SURVEY ℄
CURVE DATA
PI 1230+29.24 ← 214
Δ=20°59'10" RT
D=00°45'00"
T=1414.93'
L=2798.15'
R=7639.44' ← 255

NOTE:
P.C. AHD. STATION WAS
TAKEN FROM RIGHT OF WAY
PROJECT F-053-1-800







LEGEND

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

0 250 500
Scale

...\087rw193.prvg02

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

DRAWING NO.	D-07-T-955
SURVEY	JAN. 2004
DRAWN/DATE	A. Grass/03-04
ADOT REVIEW	J. Sharpe

amec

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

HIGHWAY NAME: MESA - PAYSON
FEDERAL IDENTIFICATION NO.: S 087-B-800
TRACS NO. 087 MA 193 H5211 01R

ROUTE NO.: S.R. 87
SECTION NAME: Forest Boundary - DOS 'S' Ranch

REGISTERED LAND SURVEYOR
15573
GERALD HUGHES
ARIZONA U.S.A.

SHEET RS-2

Click here for SR 87 Index

RESULTS OF SURVEY

DETAIL 'C'

DETAIL 'A'

DETAIL 'D'

DETAIL 'E'

DETAIL 'B'

T.3N. R.8E. MARICOPA CO.

(D) S.B. SURVEY ℄ CURVE DATA
PI 1282+23.23 — 212
Δ=15°36'37" RT
D=00°45'00"
T=1047.16'
L=2081.35'
R=7639.44' — 257

(E) S.B. SURVEY ℄ CURVE DATA
PI 1368+61.54 — 209
Δ=10°51'13" LT
D=00°29'56"
T=1090.90'
L=2175.27'
R=11483.22' — 260

N.B. SURVEY ℄ CURVE DATA
PI 1268+75.61 — 213
TOTAL CURVE
Δ=35°07'00" LT
T=1963.15'
L=3811.67'

SPIRAL	MAIN CURVE	SPIRAL
a=0.65'	Δ=32°07'00" LT	a=0.65'
Δ=01°30'00"	D=01°00'00"	Δ=01°30'00"
L=300.00'	L=3211.67'	L=300.00'
	R=5729.58' — 256	

N.B. SURVEY ℄ CURVE DATA
PI 1302+25.62 — 211
TOTAL CURVE
Δ=24°06'55" RT
T=1374.02'
L=2711.53'

SPIRAL	MAIN CURVE	SPIRAL
a=0.65'	Δ=21°06'55" RT	a=0.65'
Δ=01°30'00"	D=01°00'00"	Δ=01°30'00"
L=300.00'	L=2111.53'	L=300.00'
	R=5729.58' — 258	

N.B. SURVEY ℄ CURVE DATA
PI 1355+76.87 — 210
Δ=07°14'54" RT
D=00°30'00"
T=725.80'
L=1449.67'
R=11459.16' — 259

DATA TABLE

1.	N21°18'57"E 127.47'

NOTE: P.O.T. AHD. STATION WAS TAKEN FROM RIGHT OF WAY PROJECT F-053-1-802

NOTE: P.C. STATION WAS TAKEN FROM RIGHT OF WAY PROJECT F-053-1-802

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

0 250 500 Scale

...\087-m193.srvy83

CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-07-T-955
SURVEY	JAN. 2004
DRAWN/DATE	A. Grass/03-04
ADOT REVIEW	J. Sharpe
ROUTE NO.:	S.R. 87
SECTION NAME:	Forest Boundary - DOS 'S' Ranch

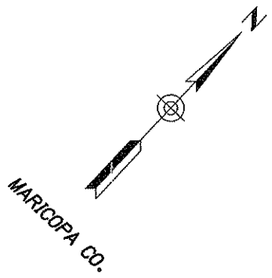
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

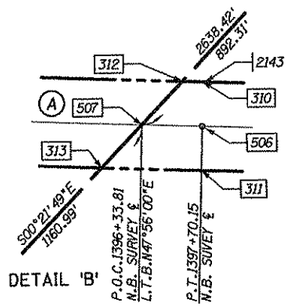
HIGHWAY NAME: MESA - PAYSON
FEDERAL IDENTIFICATION NO.: S 087-B-800
TRACS NO. 087 MA 193 H5211 01R

REGISTERED LAND SURVEYOR 15573 GERALD HUGHES ARIZONA U.S.A.

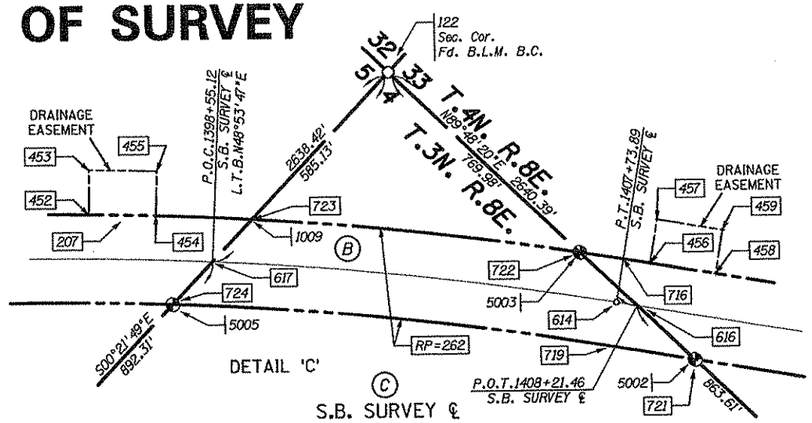
SHEET RS-3

RESULTS OF SURVEY

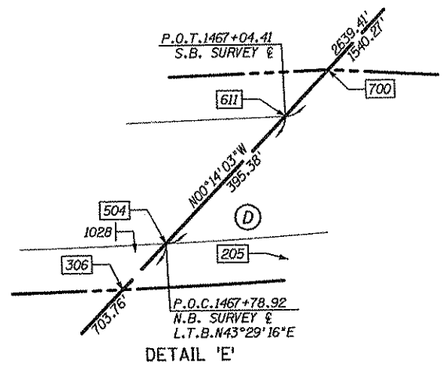




DETAIL 'B'



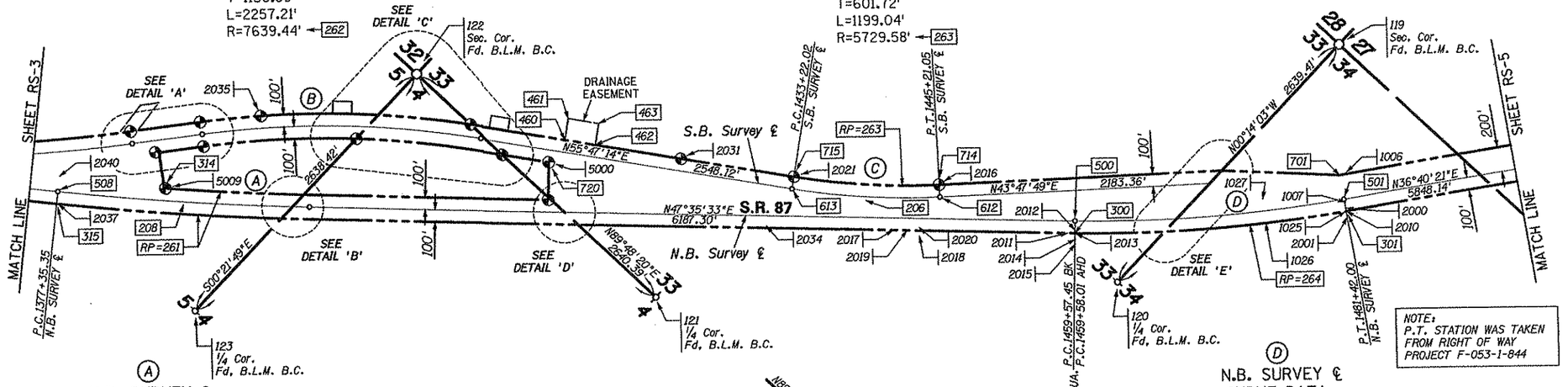
DETAIL 'C'



DETAIL 'E'

(B)
S.B. SURVEY ℄
CURVE DATA
PI 1396+53.57 — 207
Δ=16°55'45" RT
D=00°45'00"
T=1136.89'
L=2257.21'
R=7639.44' — 262

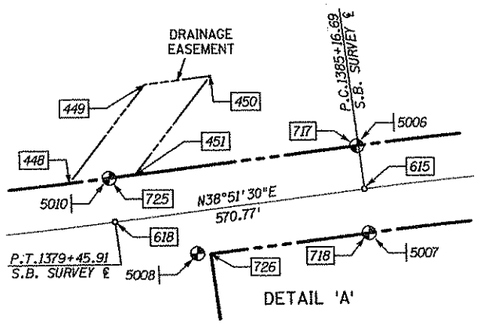
(C)
S.B. SURVEY ℄
CURVE DATA
PI 1439+23.73 — 206
Δ=11°59'25" LT
D=01°00'00"
T=601.72'
L=1199.04'
R=5729.58' — 263



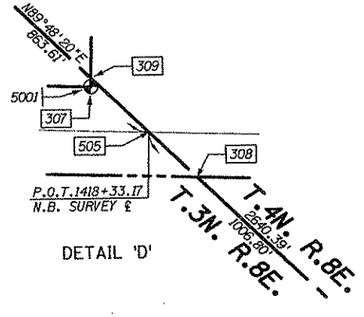
NOTE:
P.T. STATION WAS TAKEN FROM RIGHT OF WAY PROJECT F-053-1-844

(A)
N.B. SURVEY ℄
CURVE DATA
PI 1387+53.41 — 208
Δ=05°05'13" LT
D=00°15'00"
T=1018.07'
L=2034.80'
R=22918.32' — 261

(D)
N.B. SURVEY ℄
CURVE DATA
PI 1470+53.32 — 205
Δ=10°55'12" LT
D=00°30'00"
T=1095.31'
L=2183.99'
R=11459.16' — 264



DETAIL 'A'



DETAIL 'D'

LEGEND

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

Click here for SR 87 Index

0 250 500
Scale

...\087rw193.srvy04

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

DRAWING NO.	D-07-T-955
SURVEY	JAN. 2004
DRAWN/DATE	A. Grass/03-04
ADOT REVIEW	J. Sharpe

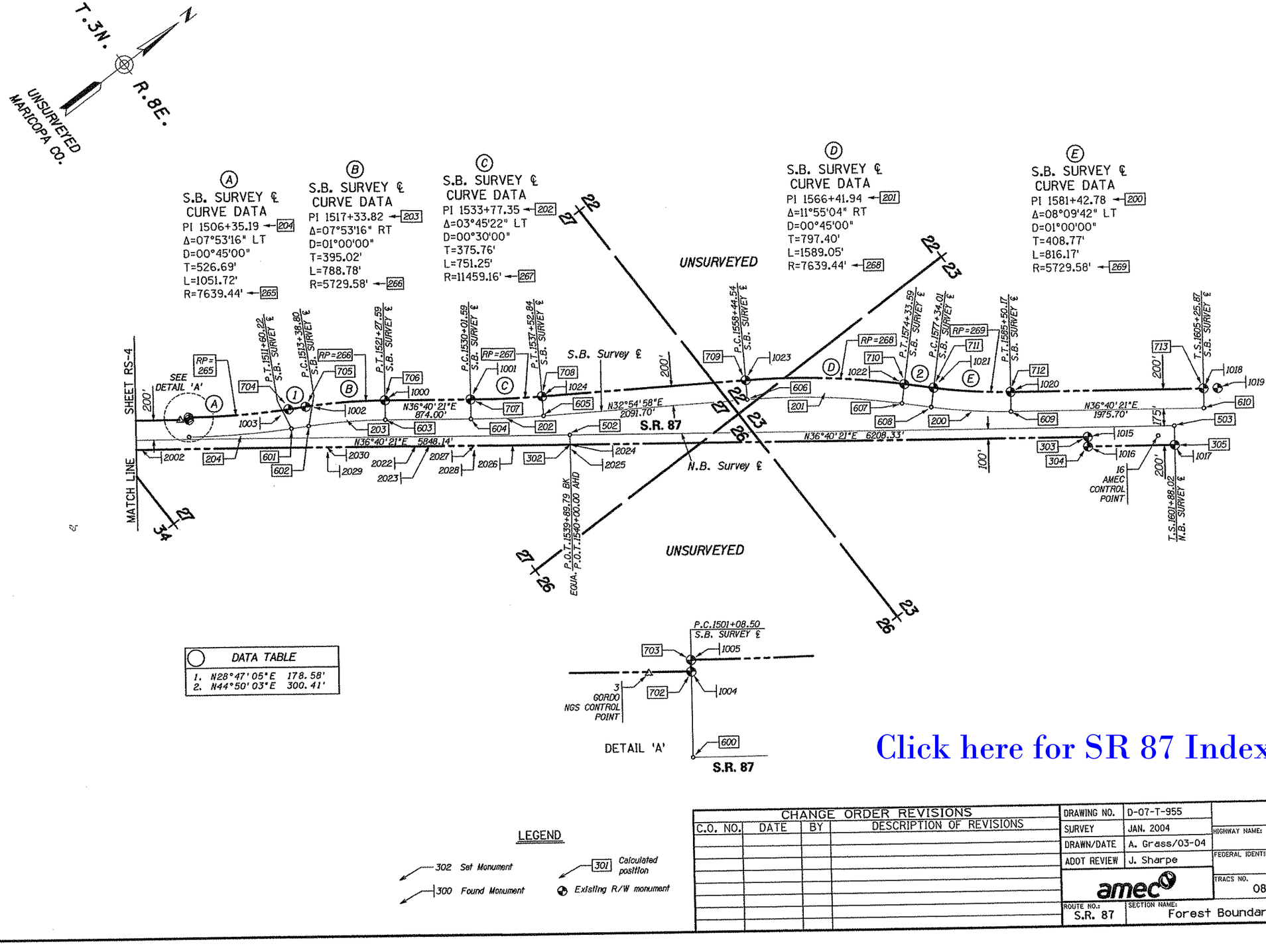
amec

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

HIGHWAY NAME: MESA - PAYSON
FEDERAL IDENTIFICATION NO.: S 087-B-800
TRACS NO. 087 MA 193 H5211 01R
ROUTE NO.: S.R. 87
SECTION NAME: Forest Boundary - DOS 'S' Ranch
SHEET RS-4

REGISTERED LAND SURVEYOR
15573
GERALD HUGHES
ARIZONA U.S.A.

RESULTS OF SURVEY



Click here for SR 87 Index

0 250 500 Scale

...\087rw193.srvy05

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

DRAWING NO.	D-07-T-955
SURVEY	JAN. 2004
DRAWN/DATE	A. Grass/03-04
ADOT REVIEW	J. Sharpe
amec	
ROUTE NO.: S.R. 87	SECTION NAME: Forest Boundary - DOS 'S' Ranch

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

HIGHWAY NAME: MESA - PAYSON

FEDERAL IDENTIFICATION NO.: S 087-B-800

TRACS NO. 087 MA 193 H5211 01R

REGISTERED LAND SURVEYOR 15573 GERALD HUGHES ARIZONA U.S.A.

SHEET RS-6

RESULTS OF SURVEY

Click here for SR 87 Index

CALCULATED POINTS

PT.	NORTHING	EASTING	DESCRIPTION
200	973398.43460	824843.71995	(C)
201	972330.03041	823781.48499	(C)
202	969589.29313	822007.32113	(C)
203	968270.08207	821024.99842	(C)
204	967305.72985	820495.17325	(C)
205	964429.82058	818383.60706	(C)
206	962651.10604	816231.47810	(C)
207	960240.82272	812686.54361	(C)
208	958831.84014	812254.66392	(C)
209	958061.58086	810930.73705	(C)
210	956904.80798	809726.95663	(C)
211	953123.09084	805887.90063	(C)
212	952466.25849	804330.19479	(C)
213	949895.45976	804628.47521	(C)
214	947751.36150	801397.37878	(C)
215	939024.64253	795184.99298	(C)
216	941170.69986	796682.04065	(C)
217	939759.07017	790478.85245	(C)
218	939199.98750	788295.16670	(C)
219	939229.25833	789206.90808	(C)
250	952884.33440	788180.17624	(C)
251	942076.17753	788589.69849	(C)
252	935376.81015	791878.83149	(C)
253	953883.07279	787990.96958	(C)
254	952884.45803	788172.08978	(C)
255	942168.25801	806800.34300	(C)
256	953667.56177	799949.33491	(C)
257	947316.00754	810068.87999	(C)
258	949899.81308	810781.19279	(C)
259	948231.87978	817251.54650	(C)
260	966115.58888	802673.17835	(C)
261	976440.53774	797550.25562	(C)
262	954562.57528	817922.10097	(C)
263	967050.89228	812512.33447	(C)
264	972152.19899	809846.80874	(C)
265	971445.88643	814053.31517	(C)
266	965164.96894	825856.39448	(C)
267	976131.77499	812591.93613	(C)
268	967509.27312	829761.21677	(C)
269	977148.23006	820492.37337	(C)
300	963617.30624	817642.30652	(C)
301	965248.60434	819117.97700	(C)
302	969939.18039	822610.72335	(C)
303	974190.11276	825776.09509	(C)
304	974130.38877	825856.30135	(C)
305	974842.64042	826386.66535	(C)
306	964121.98748	818161.24696	(C)
307	960893.89741	814364.02527	(C)
308	960910.23389	814678.47114	(C)
309	960909.12000	814350.14668	(C)
310	959592.26210	812938.93118	(C)
311	959444.58886	813073.81118	(C)
312	959560.95454	812904.58395	(C)
313	959293.07591	812906.28403	(C)
314	958822.40699	812051.19340	(C)
315	958135.08608	811505.66658	(C)
316	957265.31725	810364.78213	(C)
317	956324.22378	809280.06706	(C)
318	956249.72154	809204.43520	(C)
319	956109.76626	809062.35790	(C)
320	955610.66718	808555.69143	(C)
321	954719.02851	807650.53362	(C)
322	954016.09358	806936.94070	(C)
323	953805.57446	806726.91123	(C)
324	952082.79292	805592.09172	(C)
325	951806.71252	805481.59151	(C)
326	951687.96074	805435.25442	(C)
327	951407.02801	805322.78726	(C)
328	951484.58193	805138.43599	(C)
329	951760.66233	805248.93620	(C)
330	951879.41411	805295.27328	(C)
331	952160.34683	805407.74045	(C)
332	953578.07782	806258.54186	(C)
333	948450.38001	802631.63833	(C)
334	948617.02693	802521.05439	(C)

CALCULATED POINTS

PT.	NORTHING	EASTING	DESCRIPTION
335	949059.88964	803183.76354	(C)
336	948896.19458	803298.67188	(C)
337	948127.19670	801861.72161	(C)
338	950319.92180	804721.89289	(C)
339	950319.29614	804474.96065	(C)
340	948570.93889	802452.39991	(C)
341	948328.24873	802453.19797	(C)
342	946540.68301	800658.27046	(C)
343	948893.31974	802937.41997	(C)
344	948726.67282	803048.00391	(C)
345	945034.32648	799585.92380	(C)
346	944851.71091	799455.92324	(C)
347	942684.15074	797542.45023	(C)
348	939734.58122	792523.02804	(C)
349	939651.66247	792263.91646	(C)
350	939035.08656	787960.35028	(C)
351	939050.08049	786979.63296	(C)
352	939099.87021	783723.00747	(C)
353	954787.54013	807720.08402	(C)
354	939084.86495	784704.46501	(C)
355	939103.21912	783503.96307	(C)
400	940043.82303	791276.68405	(C)
401	940141.11844	791253.58418	(C)
402	940207.11934	791901.09114	(C)
403	940303.26671	791873.60144	(C)
404	941622.46853	795201.95680	(C)
405	941725.95010	794982.08087	(C)
406	941799.82722	795109.00617	(C)
407	941698.65381	795329.95368	(C)
408	944618.17664	798783.67326	(C)
409	944650.74458	798745.73477	(C)
410	944846.23383	798975.33552	(C)
411	944878.00011	798936.72330	(C)
412	947617.62833	800926.45020	(C)
413	947645.66150	800885.04801	(C)
414	948197.25899	801318.91459	(C)
415	948225.29216	801277.51240	(C)
416	949646.33563	802300.07558	(C)
417	949702.40197	802217.27120	(C)
418	950598.58599	802944.83852	(C)
419	950654.65233	802862.03414	(C)
420	949658.40951	802549.78386	(C)
421	949630.37634	802591.18605	(C)
422	950072.43141	802830.11557	(C)
423	950044.39824	802871.51776	(C)
424	953539.31083	805441.37742	(C)
425	953577.45093	805409.04582	(C)
426	953765.63208	805708.35811	(C)
427	953803.77218	805676.02650	(C)
428	955029.79796	807199.63596	(C)
429	955170.74003	807211.25283	(C)
430	955267.73485	807325.67313	(C)
431	955126.79279	807314.05626	(C)
432	955640.86536	807920.48383	(C)
433	955717.14556	807855.82061	(C)
434	955737.86018	808034.90412	(C)
435	955814.14038	807970.24090	(C)
436	956174.33689	808549.79545	(C)
437	956740.14004	809217.24717	(C)
438	957128.11933	809674.92836	(C)
439	956456.22102	808573.02919	(C)
440	956553.21584	808687.44948	(C)
441	956271.33172	808664.21575	(C)
442	957022.02416	809240.48091	(C)
443	957119.01898	809354.90121	(C)
444	956837.13486	809331.66747	(C)
445	957410.00346	809698.16209	(C)
446	957506.99828	809812.58239	(C)
447	957225.11416	809789.34865	(C)
448	958903.85071	811480.47329	(C)
449	959184.56563	811450.26665	(C)
450	959301.02807	811544.09998	(C)
451	959019.81150	811574.36060	(C)
452	960203.97736	812623.65648	(C)
453	960276.86897	812555.19617	(C)

CALCULATED POINTS

PT.	NORTHING	EASTING	DESCRIPTION
454	960306.91792	812735.43932	(C)
455	960381.13960	812668.42334	(C)
456	960997.10935	813621.00383	(C)
457	961079.80496	813564.77717	(C)
458	961081.44934	813745.04723	(C)
459	961164.14495	813688.82057	(C)
460	961342.90332	814129.58178	(C)
461	961487.62062	814031.18513	(C)
462	961483.46997	814336.32079	(C)
463	961628.18727	814237.92413	(C)
500	963691.14286	817574.86652	(C)
501	965308.32836	819037.77075	(C)
502	969998.90489	822530.51709	(C)
503	974962.08841	826226.25283	(C)
504	964265.99224	818160.65809	(C)
505	960909.72895	814529.63836	(C)
506	959518.42548	813006.37118	(C)
507	959426.78320	812905.43546	(C)
508	958214.61166	811445.03917	(C)
509	957344.84282	810304.15472	(C)
510	956395.46447	809209.89039	(C)
511	955609.90156	808412.41668	(C)
512	954858.78082	807649.90735	(C)
513	953874.95373	806654.89375	(C)
514	954087.33427	806866.76404	(C)
515	951445.80497	805230.61162	(C)
516	951724.31153	805342.09531	(C)
517	951843.06332	805388.43239	(C)
518	952121.56988	805499.91608	(C)
519	950319.61040	804598.99174	(C)
520	948978.04211	803241.21771	(C)
521	948809.99628	802992.71194	(C)
522	948533.70347	802576.34636	(C)
523	948449.96904	802452.79771	(C)
524	946598.67704	800576.80456	(C)
525	945034.27225	799463.13445	(C)
526	944909.70494	799374.45734	(C)
527	942820.07791	797542.14733	(C)
528	939756.52834	792264.42261	(C)
529	939733.40706	792189.49993	(C)
530	939135.07487	787961.87898	(C)
531	939150.09596	786979.38578	(C)
532	939199.85852	783724.53616	(C)
533	939203.20743	783505.49176	(C)
600	966883.30164	820180.61985	(C)
601	967767.35194	820748.79324	(C)
602	967923.86986	820834.78582	(C)
603	968586.90226	821260.91190	(C)
604	969287.90835	821782.90131	(C)
605	969904.72738	822211.51146	(C)
606	971660.63811	823348.16669	(C)
607	972895.51160	824343.70095	(C)
608	973108.55111	824555.51032	(C)
609	973726.29630	825087.85563	(C)
610	975310.93141	826267.82259	(C)
611	964661.36419	818159.04129	(C)
612	963085.42237	816647.92818	(C)
613	962312.78160	815733.88598	(C)
614	960880.05618	813626.69895	(C)
615	959355.52849	811973.26554	(C)
616	960906.79902	813666.03110	(C)
617	960319.07257	812899.77258	(C)
618	958911.06629	811615.16410	(C)
619	957356.16892	810098.59530	(C)
620	955607.89131	808036.23330	(C)

CALCULATED POINTS

PT.	NORTHING	EASTING	DESCRIPTION
621	955278.80473	807648.02512	(C)
622	953143.38742	805128.97237	(C)
623	951599.16212	803743.08910	(C)
624	950315.23913	802873.75264	(C)
625	949687.52046	802448.72814	(C)
626	945852.15795	799851.82749	(C)
627	945034.18022	799254.74531	(C)
628	943207.53817	797541.28393	(C)
629	940215.75220	792278.14711	(C)
630	939916.20183	791169.34321	(C)
631	939846.20496	790861.75282	(C)
632	939729.10580	790440.96448	(C)
633	939608.07575	790116.35300	(C)
634	939469.54697	789783.78040	(C)
635	939394.80168	789598.28428	(C)
636	939217.52490	788777.12018	(C)
637	939210.38937	788619.16882	(C)
638	939204.94306	787971.03552	(C)
639	939220.10678	786979.21276	(C)
640	939269.85668	783725.19172	(C)
641	939273.20559	783506.14732	(C)
700	964805.23739	818158.45295	(C)
701	965428.69416	818878.04166	(C)
702	966988.41546	820039.45770	(C)
703	967002.74979	820020.20745	(C)
704	967863.65571	820573.50610	(C)
705	968020.17364	820659.49868	(C)
706	968706.35022	821100.49935	(C)
707	969407.35622	821622.48870	(C)
708	970013.40982	822043.61826	(C)
709	971769.32055	823180.27349	(C)
710	973036.52294	824201.87077	(C)
711	973249.56246	824413.68014	(C)
712	973845.74428	824927.44310	(C)
713	975430.37940	826107.41007	(C)
714	963154.63285	816575.74848	(C)
715	962395.47720	815677.65932	(C)
716	960962.75179	813570.47229	(C)
717	959418.26808	811895.39549	(C)
718	959292.78890	812051.13558	(C)
719	960797.36058	813682.92561	(C)
720	961120.18314	814157.71828	(C)
721	960907.40544	813844.77456	(C)
722	960906.19650	813488.43417	(C)
723	960450.42505	812898.93896	(C)
724	960186.43761	812900.61434	(C)
725	958973.80588	811537.29405	(C)
726	959007.24952	811821.07763	(C)
727	957432.44912	810033.93209	(C)
728	955607.05967	807880.60482	(C)
729	955409.40423	807647.43987	(C)
730	953807.21691	806066.70866	(C)
731	953067.10722	805193.63559	(C)
732	953219.66762	805064.30915	(C)
733	951655.22846	803660.28472	(C)
734	951543.09578	803825.89348	(C)
735	950315.54564	802994.72674	(C)
736	950314.93261	802752.77854	(C)
737	949510.02237	802449.31183	(C)
738	949865.01854	802448.14446	(C)
739	948293.44678	801625.57588	(C)
740	945908.22430	799769.02311	(C)
741	945034.12391	799127.25519	(C)
742	943341.82216	797540.98469	(C)
743	940321.59316	792281.31031	(C)

CALCULATED POINTS

PT.	NORTHING	EASTING	DESCRIPTION
744	939879.21527	790483.50401	(C)
745	939728.08127	790066.36626	(C)
746	939728.18493	790066.61514	(C)
747	939589.55250	789733.79366	(C)
748	939516.47861	789552.51613	(C)
749	939347.24639	788768.61526	(C)
750	939340.32242	788614.99741	(C)
751	939334.92787	787973.02283	(C)
752	939350.12689	786978.89144	(C)
753	939399.84149	783727.17902	(C)
754	939384.38542	784738.12326	(C)
755	939403.19040	783508.13462	(C)
756	939385.45646	784668.06906	(C)
757	939470.92042	784638.37208	(C)
758	939510.20914	784488.95522	(C)
759	939387.50491	784534.08472	(C)

SECTION MONUMENTATION

PT.	NORTHING	EASTING	DESCRIPTION
96	939727.09061	789621.75375	3" BLM BC
97	939719.31771	786977.97904	3" BLM BC
98	939743.69017	794905.04435	3" BLM BC
99	937094.60187	792269.51581	3" BLM BC
100	939733.58968	792263.73706	3" BLM BC
108	937080.88652	786984.49951	3" BLM BC
109	942439.02140	792344.59240	3" BLM BC
110	945033.42169	797537.21518	3" BLM BC
111	942394.21604	797543.09631	3" BLM BC
112	945034.58775	800177.52548	3" BLM BC
113	950314.15701	802446.66751	3" BLM BC
114	947674.57843	802455.34750	3" BLM BC
115	950320.70940	805032.73910	3" BLM BC
116	955605.80898	807646.55973	3" BLM BC
117	952967.29897	807658.38357	3" BLM BC
118	955619.92750	810288.60438	3" BLM BC
119	966201.62366	818152.74271	3" BLM BC
120	963562.23989	818163.53594	3" BLM BC
121	960913.14466	815536.43181	3" BLM BC
122	960904.18677	812896.05918	3" BLM BC
123	958265.81574	812912.80349	3" BLM BC

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CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-07-T-955
SURVEY	JAN. 2004
DRAWN/DATE	A. Grass/03-04
ADOT REVIEW	J. Sharpe

amec

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

HIGHWAY NAME: MESA - PAYSON

FEDERAL IDENTIFICATION NO.: S 087-B-800

TRACS NO.: 087 MA 193 H5211 01R

REGISTERED LAND SURVEYOR 15573 GERALD HUGHES ARIZONA U.S.A.

ROUTE NO.: S.R. 87

SECTION NAME: Forest Boundary - DOS 'S' Ranch

SHEET RS-6

RESULTS OF SURVEY

EXISTING NORTH BOUND R/W MONUMENTATION

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1006	965487.70780	818901.95954	½" REBAR	1482+04.76	216.06 LT
1007	965297.97938	819063.70877	RR SPIKE	1481+49.19	26.98 RT
1015	974189.85412	825775.82696	3" ALC	1592+99.99	99.94 RT
1016	974130.08559	825856.11374	3" ALC	1593+00.00	200.03 RT
1017	974842.27627	826386.58245	3" ALC	1601+88.04	200.15 RT
1025	965245.74448	819116.25389	ANGLE IRON	1481+38.70	100.33 RT
1026	964732.59608	818710.10251	ANGLE IRON	1474+89.85	99.75 RT
1027	964860.99755	818557.20413	ANGLE IRON	1474+90.16	99.91 LT
1028	964204.03683	818123.53703	¾" REBAR	1467+08.52	15.92 RT
2000	965266.41049	819100.32204	½" REBAR	1481+45.73	75.21 RT
2001	965219.69627	819158.80528	½" REBAR	1481+43.20	150.01 RT
2002	966419.02681	819990.00986	½" REBAR	1496+01.56	100.40 RT
2010	965249.56577	819118.66058	½" REBAR	1481+43.18	99.97 RT
2011	963578.81785	817600.44941	½" REBAR	1459+00.59	100.19 RT
2012	963636.78021	817626.62442	⅝" REBAR	1459+59.55	75.05 RT
2013	963620.39892	817645.26275	½" REBAR	1459+62.24	99.71 RT
2014	963583.55334	817678.99367	½" REBAR	1459+62.28	149.66 RT
2015	963554.91250	817705.10783	½" REBAR	1459+62.23	188.42 RT
2017	962627.15341	816558.33287	ANGLE IRON	1444+89.32	100.06 RT
2018	962740.05007	816741.47259	⅝" REBAR	1447+00.68	140.21 RT
2019	962702.16735	816640.48073	½" REBAR	1446+00.56	100.08 RT
2020	962788.18267	816697.43331	⅝" REBAR	1447+00.63	74.97 RT
2022	968664.57919	821661.97499	½" REBAR	1524+01.20	100.29 RT
2023	968776.54271	821744.25088	ANGLE IRON	1525+40.14	99.41 RT
2024	969947.46839	822617.31630	¾" REBAR	1540+10.94	100.34 RT
2025	969917.62840	822657.37956	½" REBAR	1540+10.93	150.29 RT
2026	969466.59442	822259.21092	½" REBAR	1534+01.16	100.31 RT
2027	969145.60955	822020.24932	½" REBAR	1530+00.99	100.36 RT
2028	969115.77608	822060.26604	½" REBAR	1530+00.96	150.27 RT
2029	967912.90520	821164.43826	½" REBAR	1515+01.16	150.16 RT
2030	967942.76429	821124.40250	⅝" REBAR	1515+01.20	100.22 RT
2034	961949.10542	815790.03768	⅝" REBAR	1434+64.76	82.57 RT
2037	958143.52839	811516.74044	ANGLE IRON	1377+49.21	100.00 RT
2040	958314.55774	811369.67920	⅝" REBAR	1377+36.01	125.17 LT
2042	956217.78345	809235.89627	ANGLE IRON	1347+44.90	144.83 RT
2043	956090.48868	809081.34756	ANGLE IRON	1345+45.47	127.06 RT
2050	953593.01650	806270.78745	3" BC	1308+01.14	99.96 LT
2051	954015.28030	806936.11509	⅝" REBAR	1315+61.97	100.00 RT
2066	948127.29403	801861.58335	3" BC	1236+01.27	100.16 LT
2069	946657.27501	800495.71459	ANGLE IRON	1216+15.01	100.04 LT
2070	946541.31039	800658.77139	ANGLE IRON	1216+15.12	100.04 RT
2073	944962.12323	799288.63049	ANGLE IRON	1195+33.82	100.32 LT
2075	944845.70631	799452.04006	ANGLE IRON	1195+33.85	100.32 RT
2087	939061.11580	786223.24531	3" BC	1045+00.54	100.53 RT
2094	939069.33087	785722.48738	3" ALC	1039+99.72	99.97 RT
2096	939050.28702	786978.34738	3" ALC	1052+55.72	99.81 RT
2097	939035.14859	787968.64155	3" ALC	1062+46.07	99.81 RT
2098	939034.99016	787960.87815	⅝" REBAR	1062+38.37	100.09 RT
2099	939034.53768	787991.32154	⅝" REBAR	1062+68.59	100.11 RT
2100	939054.02197	788929.84987	3" ALC	1072+00.71	100.19 RT
2101	939073.77855	789231.37767	ANGLE IRON	1075+00.71	100.25 RT
2102	939068.40643	789230.75265	⅝" REBAR	1074+99.68	105.56 RT
2103	939144.94820	789931.74345	3" ALC	1081+99.65	100.74 RT
2104	939270.78561	790729.45652	¾" REBAR	1090+01.46	100.80 RT
2105	939468.19099	790694.11831	¾" REBAR	1090+03.19	99.73 LT
2106	939628.48506	792193.21353	ANGLE IRON	1104+98.03	101.46 RT
2107	939820.46875	792135.32481	ANGLE IRON	1104+98.37	99.07 LT
2110	940546.49242	794149.16237	⅝" REBAR	1126+51.50	41.48 LT
2111	940145.06372	793612.17319	ANGLE IRON	1119+97.79	101.33 RT
2112	941006.39797	794902.35867	ANGLE IRON	1135+36.81	98.71 LT
2113	941623.15948	796239.18239	ANGLE IRON	1149+95.93	101.62 RT
2114	941786.64777	796123.59650	ANGLE IRON	1149+97.18	98.60 LT
2115	942682.19476	797542.44406	½" REBAR	1166+63.94	101.44 RT
2117	942595.07088	797446.36812	ANGLE IRON	1165+35.20	101.22 RT
2118	942743.73557	797312.22111	ANGLE IRON	1165+35.09	99.02 LT
2119	943770.75939	798336.21500	ANGLE IRON	1179+96.60	99.29 LT
2120	943635.30904	798483.29318	ANGLE IRON	1179+93.96	100.64 RT
2122	948328.17412	802453.17625	½" REBAR	1241+93.29	100.05 RT
2123	949910.37823	804406.73693	ANGLE IRON	1266+92.92	100.07 RT
2124	950039.64555	804253.43397	ANGLE IRON	1266+92.96	100.46 LT
2125	948894.43320	802938.74695	ANGLE IRON	1249+14.18	100.19 LT
2126	948727.34364	803049.36579	ANGLE IRON	1249+13.96	100.19 RT
2127	948450.92920	802633.54495	ANGLE IRON	1244+14.65	100.60 RT
2128	950311.75569	804472.80187	⅝" REBAR	1270+48.66	97.25 LT
2130	951689.36632	805435.80288	⅝" REBAR	1287+25.63	100.00 RT

EXISTING NORTH BOUND R/W MONUMENTATION

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2131	952983.62551	806071.39518	ANGLE IRON	1301+91.56	100.01 RT
2132	953093.59710	805904.07130	ANGLE IRON	1301+91.90	100.22 LT
2139	955018.61339	807954.66084	ANGLE IRON	1329+90.60	100.00 RT
2143	959596.25051	812943.61121	ANGLE IRON	1397+76.29	99.79 LT
5001	960894.10469	814363.83629	3" BC	1417+00.21	100.28 LT
5009	958829.10546	812058.91597	3" BC	1386+00.07	100.26 LT
5019	939103.25307	783505.90136	3" ALC	1200+79.93	99.94 RT
5020	939100.05147	783723.89884	3" ALC	1020+00.89	99.81 RT
5021	939084.58013	784714.23560	3" ALC	1029+91.35	100.14 RT

EXISTING SOUTH BOUND R/W MONUMENTATION

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1000	968706.52617	821100.36247	3" ALC	1521+27.65	200.21 LT
1001	969407.44562	821622.34587	3" ALC	1530+01.58	200.17 LT
1002	968020.18630	820659.37215	3" ALC	1513+38.75	200.12 LT
1003	967863.63048	820573.53806	3" ALC	1511+60.21	199.96 LT
1004	966988.30328	820039.73940	3" ALC	1501+08.58	175.71 LT
1005	967002.64960	820020.38177	3" ALC	1501+08.52	199.80 LT
1009	960451.78754	812900.54205	ANGLE IRON	1399+41.82	100.00 LT
1018	975430.24374	826107.55877	3" ALC	1605+25.85	199.80 LT
1019	975546.91989	826192.80330	3" ALC	1606+70.34	201.11 LT
1020	973845.46743	824927.39698	3" ALC	1585+49.91	199.87 LT
1021	973249.66512	824413.53922	3" ALC	1577+33.98	200.17 LT
1022	973036.42024	824201.82290	3" ALC	1574+33.49	199.96 LT
1023	971769.27963	823180.31180	3" ALC	1558+44.52	199.95 LT
1024	970013.47276	822043.63072	3" ALC	1537+52.90	200.02 LT
2016	963153.52949	816574.69051	ADOT BC	1445+19.50	100.00 LT
2021	962395.41629	815677.71202	ADOT BC	1433+22.03	99.92 LT
2031	961877.17502	814915.72061	ADOT BC	1424+00.51	99.80 LT
2035	959789.71804	812214.81582	ADOT BC	1390+00.35	99.82 LT
2036	958167.69934	810822.43966	ADOT BC	1368+58.63	99.92 LT
2041	957432.74084	810034.25907	3" BC	1357+71.08	100.01 LT
2044	956320.51761	808721.79121	3" BC	1340+50.72	100.29 LT
2045	955606.89260	807880.71278	3" BC	1329+47.69	99.80 LT
2046	955409.46593	807647.50806	3" BC	1326+42.14	100.00 LT
2047	954671.00609	806776.33718	3" BC	1315+00.10	100.03 LT
2048	954250.78382	806280.52659	3" BC	1308+50.17	100.09 LT
2049	953807.24017	806066.68919	3" BC	1304+00.24	99.97 RT
2052	953798.07905	805746.66553	3" BC	1301+50.20	99.98 LT
2053	953220.18411	805065.22348	3" BC	1292+56.71	99.80 LT
2054	953067.74743	805194.54971	3" BC	1292+56.79	100.10 RT
2055	952321.29196	804165.38469	⅝" REBAR	1280+01.58	100.34 LT
2056	951655.77956	803660.95978	3" BC	1271+76.89	99.75 LT
2057	951543.74016	803826.11161	3" BC	1271+76.74	99.82 RT
2058	951345.03652	803449.86046	3" BC	1268+01.24	100.33 LT
2059	950315.61156	802994.66169	3" BC	1256+93.62	99.91 RT
2060	950314.98895	802752.19568	3" BC	1255+57.16	100.51 LT
2061	949865.25967	802448.12405	3" BC	1250+14.28	100.15 LT
2062	949512.21273	802451.85183	ANGLE IRON	1247+24.04	100.88 RT
2063	949522.87250	802216.51829	3" BC	1246+00.92	99.97 LT
2065	948293.46349	801625.55214	3" BC	1232+51.58	99.97 RT
2067	947577.23600	800899.43745	3" BC	1222+51.41	99.72 LT
2068	946624.80632	800254.61785	3" BC	1211+01.23	99.67 LT
2071	945908.08413	799769.23012	3" BC	1202+35.61	99.75 LT
2072	945002.66012	799102.33048	3" BC	1191+02.90	99.88 LT
2078	944211.65810	798420.68829	3" BC	1180+51.14	100.19 LT
2079	943471.33770	797681.77692	3" BC	1169+97.56	100.17 LT
2080	942885.76869	797010.98435	3" BC	1161+00.70	100.68 LT
2081	942428.46008	796422.79880	3" BC	1153+50.30	100.59 LT
2082	941635.42536	795222.63643	3" BC	1139+01.00	100.66 LT
2084	941335.72572	794689.73318	3" BC	1132+85.24	100.40 LT
2085	940708.35890	793350.03571	3" BC	1117+94.77	100.99 LT
2086	940316.19744	792262.35251	3" BC	1106+30.04	100.56 LT

EXISTING SOUTH BOUND R/W MONUMENTATION

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2088	939944.91937	790842.94575	⅝" REBAR	1092+50.67	100.43 LT
2090	939849.83275	790493.72158	60D NAIL	1088+96.23	98.77 LT
2091	939865.30337	790402.59366	3" BC	1088+16.20	141.19 LT
5000	961120.33273	814157.58190	3" BC	1413+48.01	99.80 RT
5002	960907.44663	813844.97742	3" BC	1409+69.80	100.08 RT
5003	960906.42845	813489.04853	3" BC	1406+76.17	99.84 LT
5005	960186.10664	812900.70123	3" BC	1397+67.25	100.30 RT
5006	959415.45598	811893.16621	3" BC	1385+13.10	99.97 LT
5007	959290.06935	812048.90804	3" BC	1385+13.17	99.97 RT
5008	958987.45840	811798.71523	3" BC	1381+20.56	95.00 RT
5010	958974.19295	811537.64233	3" BC	1379+46.43	99.97 LT
5011	939384.20052	784737.60857	3" ALC	1030+10.60	129.81 LT
5012	939384.43017	784718.85463	3" ALC	1029+91.84	129.75 LT
5013	939385.14615	784669.47878	3" ALC	1029+42.46	129.71 LT
5016	939387.25626	784535.43961	3" ALC	1028+08.41	129.77 LT
5017	939399.83775	783728.57432	3" ALC	1020+01.44	130.02 LT
5018	939403.23765	783509.60868	3" ALC	1200+79.46	130.07 LT
5022	939606.93381	789774.38175	3" ALC	1081+47.49	130.13 LT
5023	939589.72839	789733.71530	3" ALC	1080+95.73	129.88 LT
5024	939516.88429	789552.82283	3" ALC	1078+96.19	129.96 LT
5025	939347.53194	788768.70756	3" ALC	1070+52.83	129.97 LT
5026	939340.61098	788615.07857	3" ALC	1068+95.45	130.28 LT
5027	939335.20140	787973.02701	3" ALC	1062+46.39	130.27 LT
5028	939350.20523	786978.97508	3" ALC	1052+52.22	130.08 LT
5030	939369.12409	785727.08119	3" ALC	1040+00.19	129.86 LT

CONTROL POINTS

PT.	NORTHING	EASTING	DESCRIPTION
1	939312.66901	785861.45031	ADJ 1FN1
2	951388.70219	804223.18049	BROWN
3	966917.56908	819989.65632	GORDO
16	974768.99219	826207.27228	SET ½" REBAR

MISCELLANEOUS MONUMENTATION

PT.	NORTHING	EASTING	DESCRIPTION
95	939919.39579	794751.56335	NAIL
103	937025.44031	784473.03966	3" BLM BC
106	939653.66927	784768.38371	3" BLM BC

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CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-07-T-955
SURVEY	JAN. 2004
DRAWN/DATE	A. Grass/03-04
ADOT REVIEW	J. Sharpe
amec	
ROUTE NO.:	S.R. 87
SECTION NAME:	Forest Boundary - DOS 'S' Ranch

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

HIGHWAY NAME: MESA - PAYSON
FEDERAL IDENTIFICATION NO.: S 087-B-800
TRACS NO. 087 MA 193 H5211 01R

REGISTERED LAND SURVEYOR 15573 GERALD HUGHES ARIZONA U.S.A.

SHEET RS-7

RESULTS OF SURVEY

EXISTING NORTH BOUND R/W LINE

THE FOLLOWING LIST OF POINTS REPRESENTS THE EXISTING RIGHT OF WAY LINE AS DETERMINED BY AN ANALYSIS OF MONUMENTATION FOUND DURING THE COURSE OF THIS SURVEY AND THE FOLLOWING EXISTING DOCUMENTATION:

1) R/W PROJECTS F-053-1-602, F-053-1-844 & F-053-1-714
2) AS-BUILT CONSTRUCTION PLANS FOR PROJECTS AC-STP-053-1(47)P, F-053-1-944 & F-053-1-806.
3) THE MOST CURRENT B.L.M. MAPS, NOTES AND DEPENDENT RESURVEYS

LEFT SIDE			RIGHT SIDE		
PT.	STATION	OFFSET	PT.	STATION	OFFSET
337	1236+01.32	100.00 LT	355	1200+77.99	100.00 RT
255	Radius Pt.	- - -	352	1202+97.06	100.00 RT
340	1243+30.84	100.00 LT			
255	Radius Pt.	- - -	352	1020+00.00	100.00 RT
334	1244+12.46	100.00 LT	351	1052+57.01	100.00 RT
			350	1062+37.84	100.00 RT
334	1244+12.76	100.00 LT	254	Radius Pt.	- - -
343	1249+12.46	100.00 LT	349	1105+71.88	100.00 RT
335	1252+12.46	100.00 LT	254	Radius Pt.	- - -
256	Radius Pt.	- - -	348	1108+41.98	100.00 RT
339	1270+56.13	100.00 LT	254	Radius Pt.	- - -
256	Radius Pt.	- - -	347	1166+65.26	100.00 RT
328	1284+24.13	100.00 LT	254	Radius Pt.	- - -
329	1287+24.13	100.00 LT	346	1195+40.94	100.00 RT
330	1288+51.60	100.00 LT	345	1197+65.10	100.00 RT
331	1291+51.60	100.00 LT	342	1216+14.17	100.00 RT
258	Radius Pt.	- - -			
332	1307+82.16	100.00 LT	342	1216+14.31	100.00 RT
			255	Radius Pt.	- - -
314	1385+89.81	100.00 LT	341	1241+93.35	100.00 RT
261	Radius Pt.	- - -	255	Radius Pt.	- - -
312	1397+23.47	100.00 LT	333	1244+12.46	100.00 RT
261	Radius Pt.	- - -			
310	1397+70.15	100.00 LT	333	1244+12.76	100.00 RT
307	1417+00.21	100.00 LT	344	1249+12.46	100.00 RT
309	1417+00.23	120.60 LT	336	1252+12.46	100.00 RT
700	1471+81.57	365.86 LT	256	Radius Pt.	- - -
701	1481+43.14	200.00 LT	338	1272+00.99	100.00 RT
			256	Radius Pt.	- - -
			327	1284+24.13	100.00 RT
			326	1287+24.13	100.00 RT
			325	1288+51.60	100.00 RT
			324	1291+51.60	100.00 RT
			258	Radius Pt.	- - -
			323	1312+63.13	100.00 RT
			322	1315+63.13	100.00 RT
			321	1325+64.79	100.00 RT
			353	1326+62.42	100.00 RT
			353	1326+61.33	100.00 RT
			320	1338+34.27	100.00 RT
			319	1345+45.47	100.00 RT
			318	1347+44.90	100.00 RT
			317	1348+51.07	100.00 RT
			259	Radius Pt.	- - -
			316	1363+00.73	100.00 RT
			315	1377+35.35	100.00 RT
			261	Radius Pt.	- - -
			313	1395+45.25	100.00 RT
			261	Radius Pt.	- - -
			311	1397+70.15	100.00 RT
			308	1419+43.40	100.00 RT
			300	1459+57.45	100.00 RT
			300	1459+58.01	100.00 RT
			264	Radius Pt.	- - -
			306	1466+75.74	100.00 RT
			264	Radius Pt.	- - -
			301	1481+42.00	100.00 RT
					- - -
			302	1540+00.36	100.00 RT
			303	1593+00.36	100.00 RT
			304	1593+00.36	200.00 RT
			305	1601+88.38	200.00 RT

EXISTING SOUTH BOUND R/W LINE

LEFT SIDE			RIGHT SIDE		
PT.	STATION	OFFSET	PT.	STATION	OFFSET
755	1200+77.99	130.00 LT	739	1232+51.58	100.00 RT
753	1202+97.06	130.00 LT	737	1247+20.80	100.00 RT
			735	1256+93.60	100.00 RT
753	1020+00.00	130.00 LT	734	1271+76.07	100.00 RT
759	1028+07.00	130.00 LT	257	Radius Pt.	- - -
758	1027+60.00	252.00 LT	731	1292+57.42	100.00 RT
757	1029+10.00	215.00 LT			
756	1029+41.00	130.00 LT	731	1292+55.68	100.00 RT
754	1030+11.06	130.00 LT	730	1304+00.24	100.00 RT
752	1052+52.09	130.00 LT			
751	1062+46.34	130.00 LT	726	1381+50.00	100.00 RT
250	Radius Pt.	- - -	718	1385+16.69	100.00 RT
750	1068+94.56	130.00 LT	262	Radius Pt.	- - -
749	1070+52.68	130.00 LT	724	1397+67.41	100.00 RT
251	Radius Pt.	- - -	262	Radius Pt.	- - -
748	1078+95.80	130.00 LT	719	1407+73.89	100.00 RT
747	1080+95.80	130.00 LT	721	1409+69.61	100.00 RT
			720	1413+48.04	100.00 RT
747	1081+03.39	130.00 LT			
745	1084+63.66	130.00 LT			
252	Radius Pt.	- - -			
746	1084+63.92	130.00 LT			
252	Radius Pt.	- - -			
744	1088+95.26	130.00 LT			
253	Radius Pt.	- - -			
743	1106+49.88	100.00 LT			
253	Radius Pt.	- - -			
742	1168+04.91	100.00 LT			
253	Radius Pt.	- - -			
741	1191+43.33	100.00 LT			
253	Radius Pt.	- - -			
740	1202+35.61	100.00 LT			
738	1250+14.10	100.00 LT			
736	1255+57.44	100.00 LT			
733	1271+76.07	100.00 LT			
257	Radius Pt.	- - -			
732	1292+57.42	100.00 LT			
732	1292+55.68	100.00 LT			
729	1326+42.05	100.00 LT			
728	1329+47.72	100.00 LT			
727	1357+70.64	100.00 LT			
260	Radius Pt.	- - -			
725	1379+45.91	100.00 LT			
717	1385+16.69	100.00 LT			
262	Radius Pt.	- - -			
723	1399+39.74	100.00 LT			
262	Radius Pt.	- - -			
722	1406+75.54	100.00 LT			
262	Radius Pt.	- - -			
716	1407+73.89	100.00 LT			
715	1433+22.02	100.00 LT			
263	Radius Pt.	- - -			
714	1445+21.05	100.00 LT			
702	1501+08.50	176.00 LT			
265	Radius Pt.	- - -			
703	1501+08.50	200.00 LT			
265	Radius Pt.	- - -			
704	1511+60.22	200.00 LT			
705	1513+38.80	200.00 LT			
266	Radius Pt.	- - -			
706	1521+27.59	200.00 LT			
707	1530+01.59	200.00 LT			
267	Radius Pt.	- - -			
708	1537+52.84	200.00 LT			
709	1558+44.54	200.00 LT			
268	Radius Pt.	- - -			
710	1574+33.59	200.00 LT			
711	1577+34.01	200.00 LT			
269	Radius Pt.	- - -			
712	1585+50.17	200.00 LT			
713	1605+25.87	200.00 LT			

GENERAL NOTES

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

GORDO NAD 83(1992) 33°29'24.60008"(N) 111°31'22.14006"(W)
Grid Coordinates N 966,743.55643 E 819,842.08333
BROWN NAD 83(1992) 33°36'51.54455"(N) 111°34'29.24474"(W)
Grid Coordinates N 951,217.48360 E 804.078.44488

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

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

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

DIRECT SATELLITE MEASUREMENTS WERE MADE ON EACH POINT ON THE NORTH AMERICAN DATUM OF 1983 WITH AUTOMATIC TRANSLATIONS MADE TO THE STATE PLANE GRID SYSTEM.

GPS CALIBRATION AND TRANSLATION TO THE SURFACE WAS PERFORMED BY GPS SURVEY SOFTWARE. A GRID ADJUSTMENT FACTOR OF 1.00018 AND SCALE ORIGIN VALUES OF NO.000, EO. 000 AS OBTAINED FROM ADOT WERE USED FOR THE TRANSLATION TO THE SURFACE.

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

MONUMENT VERIFICATION AND ACCEPTANCE:

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

THIS RESULTS OF SURVEY IS ON FILE IN THE FILE ROOM OF THE RIGHT OF WAY PLANS SECTION OF THE ARIZONA DEPARTMENT OF TRANSPORTATION, 205 SOUTH 17TH AVENUE, MD 612E, PHOENIX, AZ 85007. (602) 712-7270. SEE ADOT R/W FILE COPY FOR MOST CURRENT ADDITIONS OR REVISIONS.

Click here for SR 87 Index

...\087rw193.srvy08

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

DRAWING NO.	D-07-T-955
SURVEY	JAN. 2004
DRAWN/DATE	A. Grass/03-04
ADOT REVIEW	J. Sharpe
amec	
ROUTE NO.:	S.R. 87
SECTION NAME:	Forest Boundary - DOS 'S' Ranch

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

HIGHWAY NAME: MESA - PAYSON
FEDERAL IDENTIFICATION NO.: S 087-B-800
TRACS NO.: 087 MA 193 H5211 01R

REGISTERED LAND SURVEYOR — 15573 — GERALD HUGHES — ARIZONA U.S.A.

SHEET RS-8

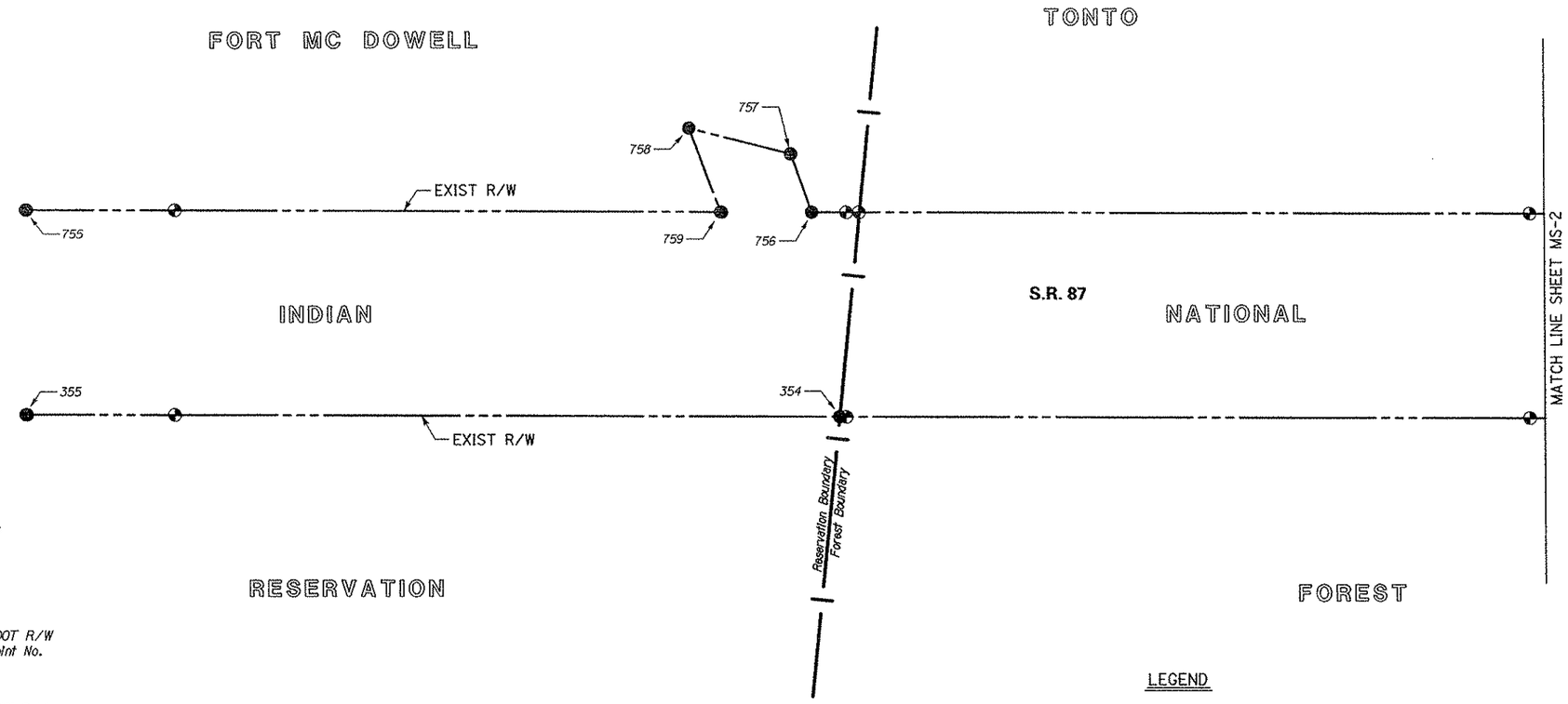
RIGHT OF WAY MONUMENTATION SURVEY

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

N

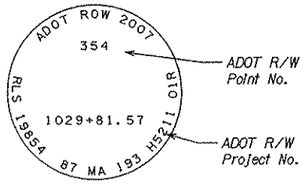
T.3N. R.7E.

MARICOPA CO.



STANDARD ADOT R/W MONUMENT DETAIL

Unless otherwise noted, all set monuments are 3" aluminum cap on ¾" rebar. Typical stamping below.



LEGEND

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

MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
354	939084.86495	784704.46501	Set standard monument	1029+81.57	100.00 RT
355	939103.21912	783503.96307	Set standard monument	1200+77.99	100.00 RT
755	939403.19040	783508.13462	Set standard monument	1200+77.99	130.00 LT
756	939385.45646	784668.06906	Set standard monument	1029+41.00	130.00 LT
757	939470.92042	784638.37208	Set standard monument	1029+10.00	215.00 LT
758	939510.20914	784488.95522	Set standard monument	1027+60.00	252.00 LT
759	939387.50491	754716.57127	Set standard monument	1028+07.00	130.00 LT

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

Click here for SR 87 Index

0 50 100
Scale

...\087RW193_MS01.DGN

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

DRAWING NO.	D-07-T-955
SURVEY	MARCH 2009
DRAWN/DATE	AMEC/8-09
ADOT REVIEW	D. Forney

amec

ROUTE NO.: S.R. 87

LOCATION: Forest Boundary - Dos 'S' Ranch

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

HIGHWAY NAME: MESA - PAYSON

FEDERAL AID NO.: S 087-B-800

PROJECT NO.: 087 MA 193 H5211 01R

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
40622
BRYAN L. CAMPBELL
12-15-10
ARIZONA U.S.A.
EXPIRES: 03/31/2011

SHEET MS-1

RIGHT OF WAY MONUMENTATION SURVEY

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

GOLDFIELD RANCH PHASE III
BK 195, PG 23

N

T.3N. R.7E.

MARICOPA CO.

TONTO

21 22
28 27

MATCH LINE SHEET MS-1

MATCH LINE SHEET MS-3

EXIST R/W

NATIONAL

S.R. 87

351

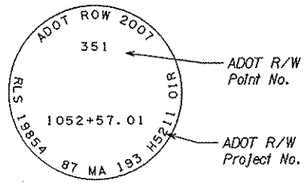
EXIST R/W

28 27

FOREST

STANDARD ADOT R/W MONUMENT DETAIL

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



LEGEND

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

Click here for SR 87 Index

0 50 100
Scale

...\087RW193_MS02.DGN

MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
351	939050.08049	786979.63296	Set standard monument	1052+57.01	100.00 RT

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

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

DRAWING NO.	D-07-T-955
SURVEY	MARCH 2009
DRAWN/DATE	AMEC/8-09
ADOT REVIEW	D. Forney
amec	
ROUTE NO.: S.R. 87	LOCATION: Forest Boundary - Dos 'S' Ranch

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

HIGHWAY NAME: MESA - PAYSON

FEDERAL AID NO.: S 087-B-800

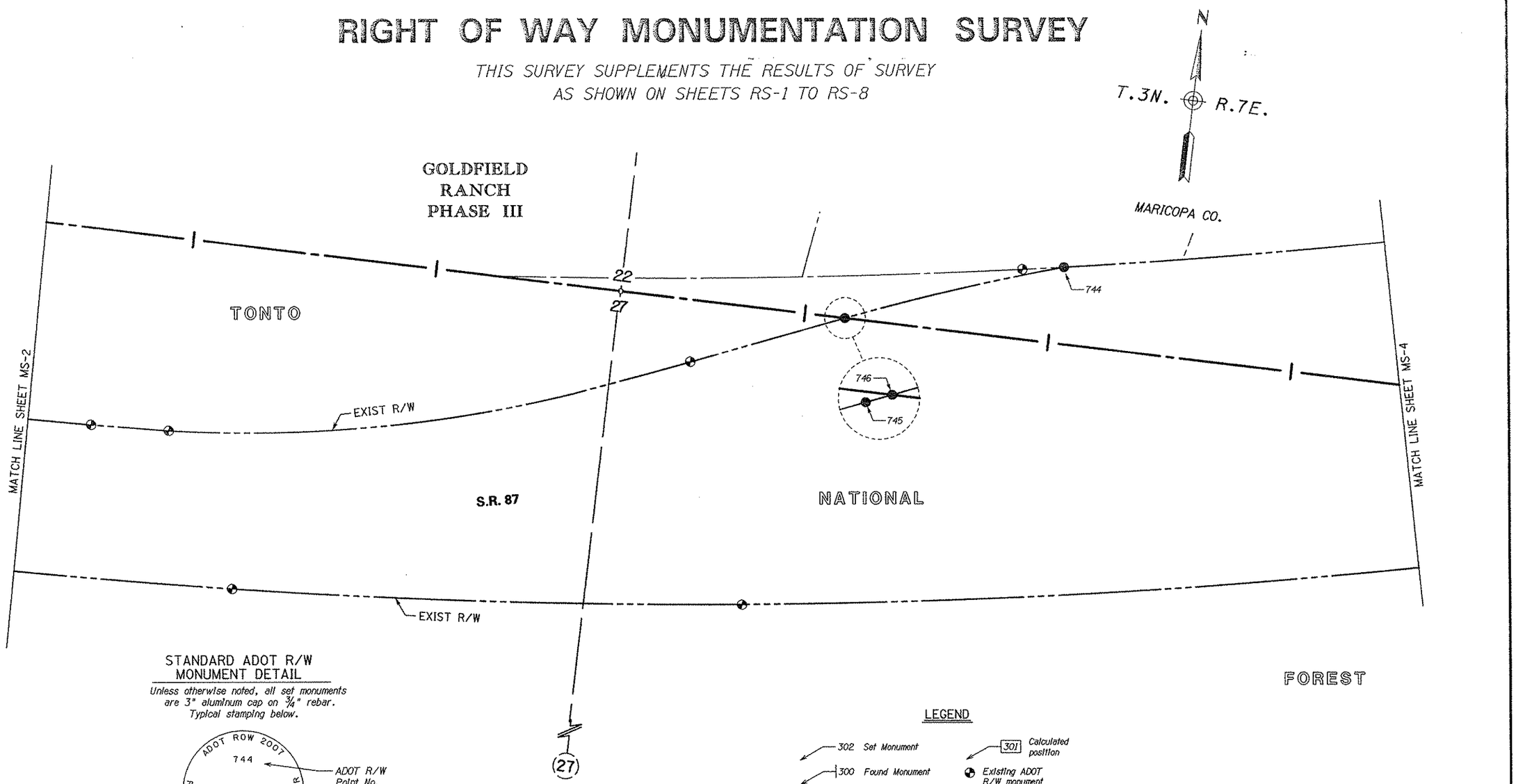
PROJECT NO.: 087 MA 193 H5211 01R

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
40622
BRIAN L. CAMPBELL
12-15-10
ARIZONA U.S.A.
EXPIRES: 03/31/2003

SHEET MS-2

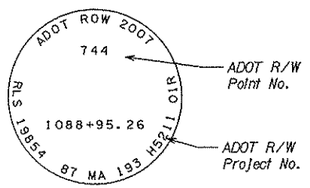
RIGHT OF WAY MONUMENTATION SURVEY

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



STANDARD ADOT R/W MONUMENT DETAIL

Unless otherwise noted, all set monuments are 3" aluminum cap on ¾" rebar. Typical stamping below.



LEGEND

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

Click here for SR 87 Index

0 50 100
Scale

...\087RW193_MS03.DGN

MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
744	939879.21527	790483.50401	Set standard monument	1088+95.26	130.00 LT
745	939728.08127	790066.36626	Set standard monument	1084+63.66	130.00 LT
746	939728.18493	790066.61514	Set standard monument	1084+63.92	130.00 LT

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

CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-07-T-955
SURVEY	MARCH 2009
DRAWN/DATE	AMEC/8-09
ADOT REVIEW	D. Forney

amec

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

HIGHWAY NAME: MESA - PAYSON
FEDERAL AID NO.: S 087-B-800
PROJECT NO.: 087 MA 193 H5211 01R
ROUTE NO.: S.R. 87
LOCATION: Forest Boundary - Dos 'S' Ranch

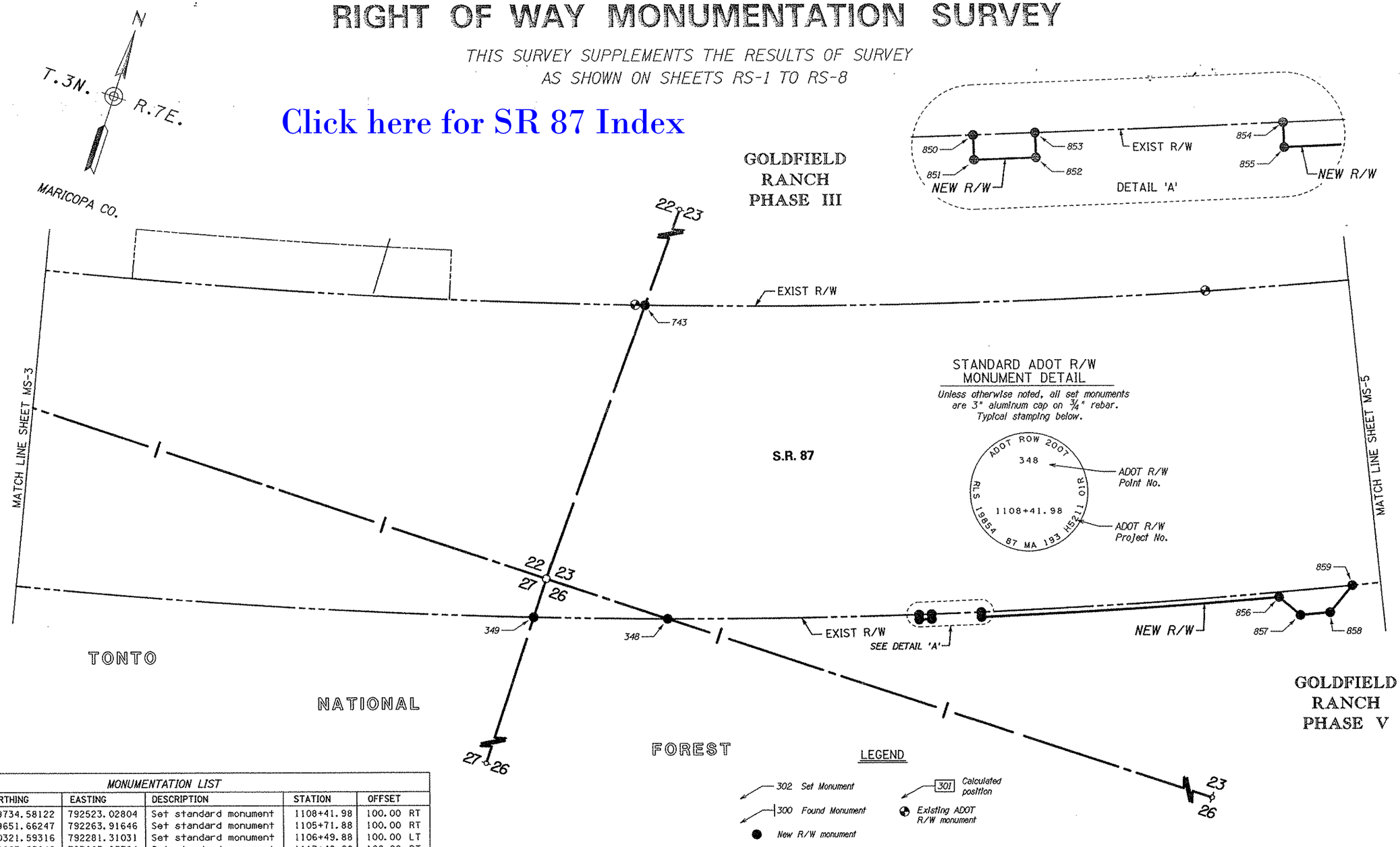
REGISTERED LAND SURVEYOR
40622
BRYAN L. CAMPBELL
12-15-10
ARIZONA U.S.A.
EXPIRES: 03/31/2010

SHEET MS-3

RIGHT OF WAY MONUMENTATION SURVEY

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

Click here for SR 87 Index



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MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
348	939734.58122	792523.02804	Set standard monument	1108+41.98	100.00 RT
349	939651.66247	792263.91646	Set standard monument	1105+71.88	100.00 RT
743	940321.59316	792281.31031	Set standard monument	1106+49.88	100.00 LT
850	939903.55846	793003.87724	Set standard monument	1113+48.00	100.00 RT
851	939894.18664	793007.36565	Set standard monument	1113+48.00	110.00 RT
852	939902.99888	793030.97462	Set standard monument	1113+73.00	110.00 RT
853	939912.36434	793027.46918	Set standard monument	1113+73.00	100.00 RT
854	939948.01635	793121.67567	Set standard monument	1114+73.00	100.00 RT
855	939938.67663	793125.24912	Set standard monument	1114+73.00	110.00 RT
856	940167.05187	793685.22175	Set standard monument	1120+73.00	100.00 RT
857	940146.48928	793738.20826	Set standard monument	1121+13.00	150.00 RT
858	940170.89723	793793.73496	Set standard monument	1121+73.00	150.00 RT
859	940237.07725	793819.53906	Set standard monument	1122+23.00	100.00 RT

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

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

DRAWING NO.	D-07-T-955
SURVEY	MARCH 2009
DRAWN/DATE	AMEC/8-09
ADOT REVIEW	D. Forney

amec

ROUTE NO.: S.R. 87

LOCATION: Forest Boundary - Dos 'S' Ranch

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

HIGHWAY NAME: MESA - PAYSON

FEDERAL AID NO.: S 087-B-800

PROJECT NO.: 087 MA 193 H5211 01R

REGISTERED LAND SURVEYOR
40622
BRYAN L. CAMPBELL
12-15-10
ARIZONA U.S.A.
EXPIRES: 03/31/2010

SHEET MS-4

RIGHT OF WAY MONUMENTATION SURVEY

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

Click here for SR 87 Index

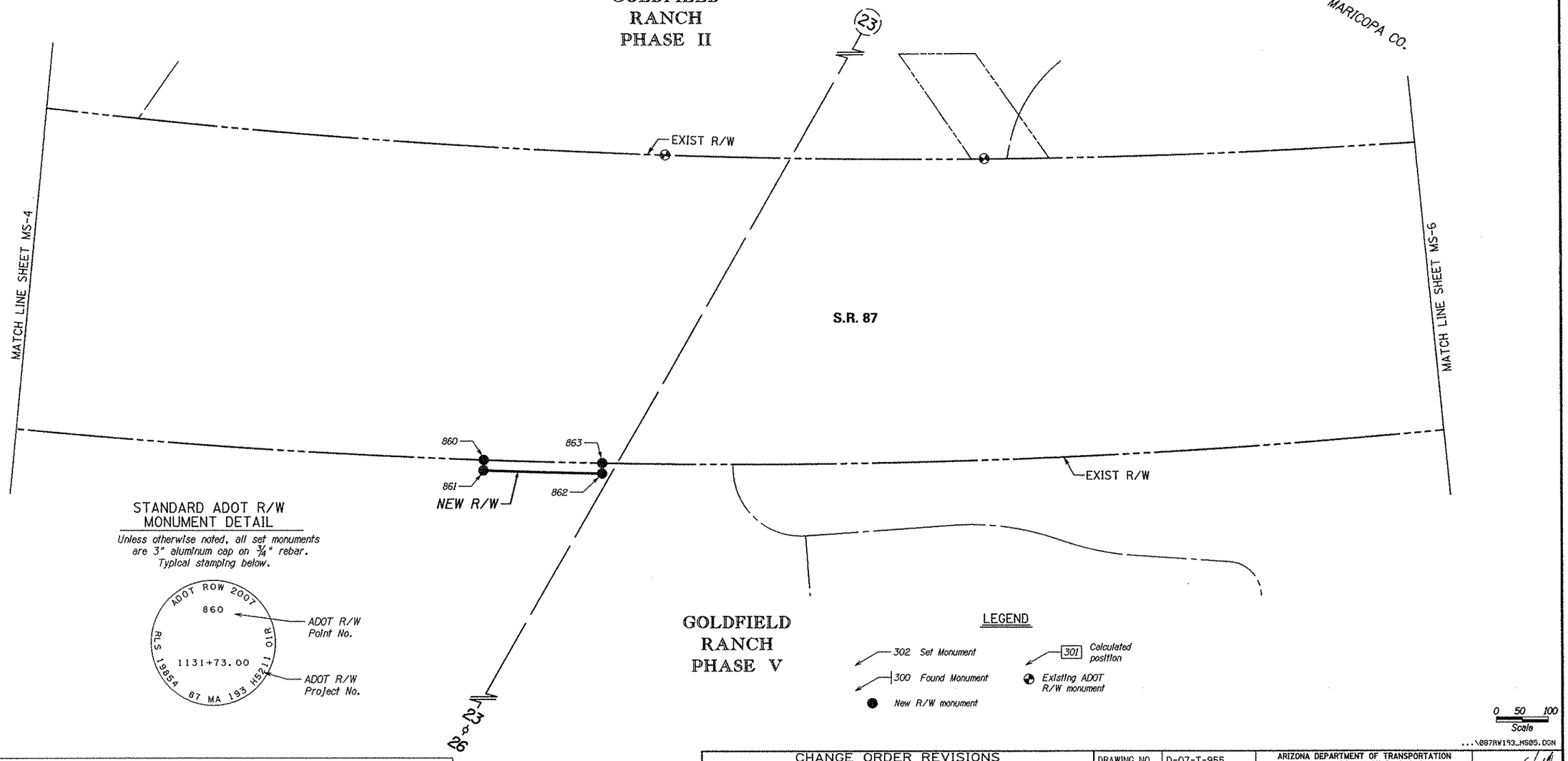
GOLDFIELD RANCH PHASE III

GOLDFIELD RANCH PHASE II

GOLDFIELD RANCH PHASE V

T.3N. R.7E.

MARICOPA CO.



STANDARD ADOT R/W MONUMENT DETAIL

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

LEGEND

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

0 50 100 Scale

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MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
860	940657.09640	794679.12839	Set standard monument	1131+73.00	100.00 RT
861	940639.44083	794688.52417	Set standard monument	1131+73.00	120.00 RT
862	940747.70010	794888.00151	Set standard monument	1133+98.00	120.00 RT
863	940765.19958	794878.31811	Set standard monument	1133+98.00	100.00 RT

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

CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-07-T-955
SURVEY	MARCH 2009
DRAWN/DATE	AMEC/8-09
ADOT REVIEW	D. Forney

amec

ROUTE NO.: S.R. 87

LOCATION: Forest Boundary - Dos 'S' Ranch

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

HIGHWAY NAME: MESA - PAYSON

FEDERAL AID NO.: S 087-B-800

PROJECT NO.: 087 MA 193 H5211 01R

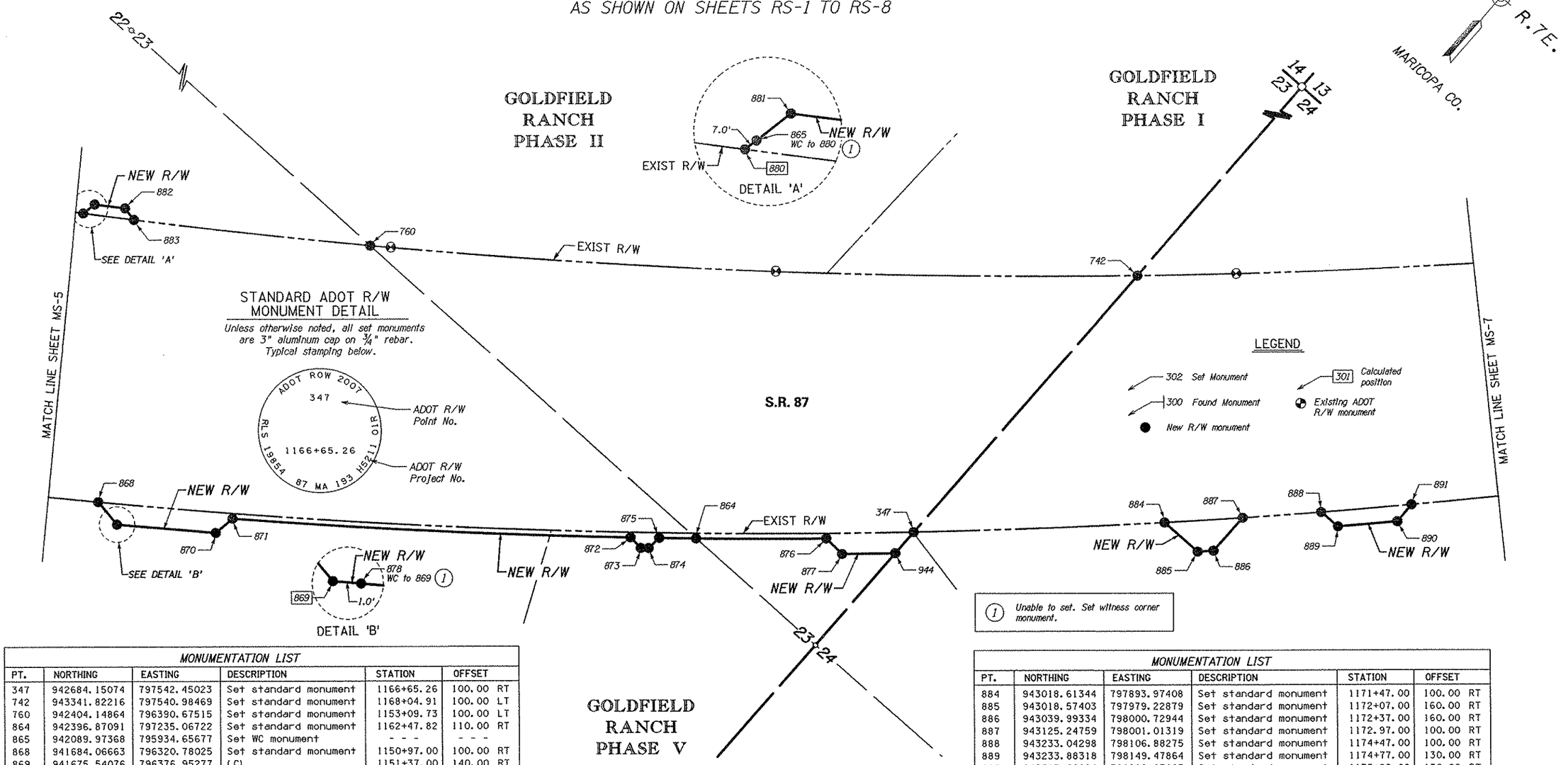
REGISTERED LAND SURVEYOR
40622
BRYAN L. CAMPBELL
12-15-10
ARIZONA U.S.A.
EXPIRES: 03/31/2010

SHEET MS-5

RIGHT OF WAY MONUMENTATION SURVEY

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

Click here for SR 87 Index



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MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
347	942684.15074	797542.45023	Set standard monument	1166+65.26	100.00 RT
742	943341.82216	797540.98469	Set standard monument	1168+04.91	100.00 LT
760	942404.14864	796390.67515	Set standard monument	1153+09.73	100.00 LT
864	942396.87091	797235.06722	Set standard monument	1162+47.82	110.00 RT
865	942089.97368	795934.65677	Set WC monument	- - -	- - -
868	941684.06663	796320.78025	Set standard monument	1150+97.00	100.00 RT
869	941675.54076	796376.95277	(C)	1151+37.00	140.00 RT
870	941789.97524	796531.04035	Set standard monument	1153+27.00	140.00 RT
871	941832.15904	796537.12000	Set standard monument	1153+57.00	110.00 RT
872	942314.38418	797138.72697	Set standard monument	1161+22.00	110.00 RT
873	942312.20409	797167.05114	Set standard monument	1161+42.00	130.00 RT
874	942322.02236	797178.57832	Set standard monument	1161+57.00	130.00 RT
875	942350.33260	797180.93238	Set standard monument	1161+77.00	110.00 RT
876	942562.81113	797423.61121	Set standard monument	1164+97.00	110.00 RT
877	942560.72347	797466.17971	Set standard monument	1165+27.00	140.00 RT
878	941676.13746	796377.76788	Set WC monument	- - -	- - -
880	942083.09756	795933.34567	(C)	1147+47.00	100.00 LT
881	942110.77479	795938.62303	Set standard monument	1147+67.00	120.00 LT
882	942144.16901	795987.86483	Set standard monument	1148+27.00	120.00 LT
883	942138.83289	796015.53079	Set standard monument	1148+47.00	100.00 LT

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

MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
884	943018.61344	797893.97408	Set standard monument	1171+47.00	100.00 RT
885	943018.57403	797979.22879	Set standard monument	1172+07.00	160.00 RT
886	943039.99334	798000.72944	Set standard monument	1172+37.00	160.00 RT
887	943125.24759	798001.01319	Set standard monument	1172.97.00	100.00 RT
888	943233.04298	798106.88275	Set standard monument	1174+47.00	100.00 RT
889	943233.88318	798149.47864	Set standard monument	1174+77.00	130.00 RT
890	943317.66094	798229.83687	Set standard monument	1175+92.00	130.00 RT
891	943360.25485	798228.90228	Set standard monument	1176+22.00	100.00 RT
944	942630.01084	797542.57087	Set standard monument	1166+29.09	140.00 RT

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

CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-07-T-955
SURVEY	MARCH 2009
DRAWN/DATE	AMEC/8-09
ADOT REVIEW	D. Forney
amec	
ROUTE NO.: S.R. 87	LOCATION: Forest Boundary - Dos 'S' Ranch

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

HIGHWAY NAME: MESA - PAYSON

FEDERAL AID NO.: S 087-B-800

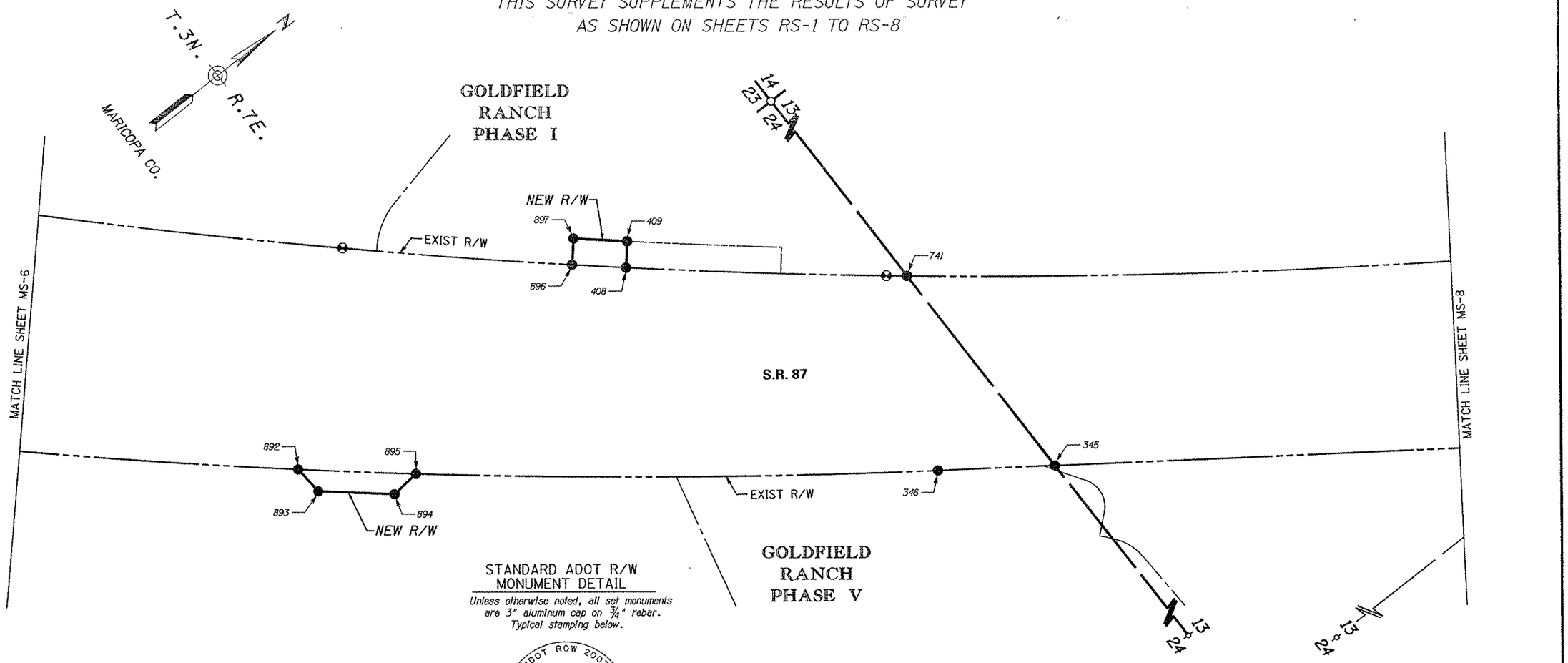
PROJECT NO.: 087 MA 193 H5211 01R

REGISTERED LAND SURVEYOR 40622 BRYAN L. CAMPBELL 12-15-10 ARIZONA U.S.A. EXPIRES: 03/31/2009

SHEET MS-6

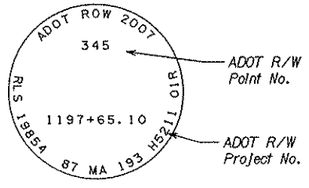
RIGHT OF WAY MONUMENTATION SURVEY

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



STANDARD ADOT R/W MONUMENT DETAIL

Unless otherwise noted, all set monuments are 3" aluminum cap on ¾" rebar. Typical stamping below.



LEGEND

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

MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
345	945034.32648	799585.92380	Set standard monument	1197+65.10	100.00 RT
346	944851.71091	799455.92324	Set standard monument	1195+40.94	100.00 RT
408	944618.17664	798783.67326	Set standard monument	1186+00.00	100.00 LT
409	944650.74458	798745.73477	Set standard monument	1186+00.00	150.00 LT
741	945034.12391	799127.25519	Set standard monument	1191+43.33	100.00 LT
892	943884.31776	798700.49892	Set standard monument	1183+22.00	100.00 RT
893	943889.07892	798757.11494	Set standard monument	1183+62.00	140.00 RT
894	944001.19281	798851.37824	Set standard monument	1185+07.00	140.00 RT
895	944057.78551	798846.34741	Set standard monument	1185+47.00	100.00 RT
896	944540.06038	798716.12098	Set standard monument	1184+96.00	100.00 LT
897	944572.90292	798678.41995	Set standard monument	1184+96.00	150.00 LT

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

Click here for SR 87 Index

0 50 100
Scale

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

DRAWING NO.	D-07-T-955
SURVEY	MARCH 2009
DRAWN/DATE	AMEC/8-09
ADOT REVIEW	D. Forney
amec	
ROUTE NO.:	S.R. 87
LOCATION:	Forest Boundary - Dos 'S' Ranch

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

HIGHWAY NAME: MESA - PAYSON

FEDERAL AID NO.: S 087-B-800

PROJECT NO.: 087 MA 193 H5211 01R

REGISTERED LAND SURVEYOR
40622
BRYAN L. CAMPBELL
12-15-10
ARIZONA U.S.A.
EXPIRES: 03/31/2010

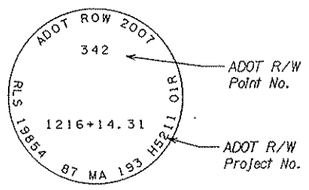
SHEET MS-7

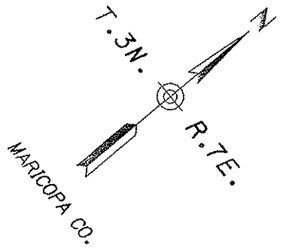
RIGHT OF WAY MONUMENTATION SURVEY

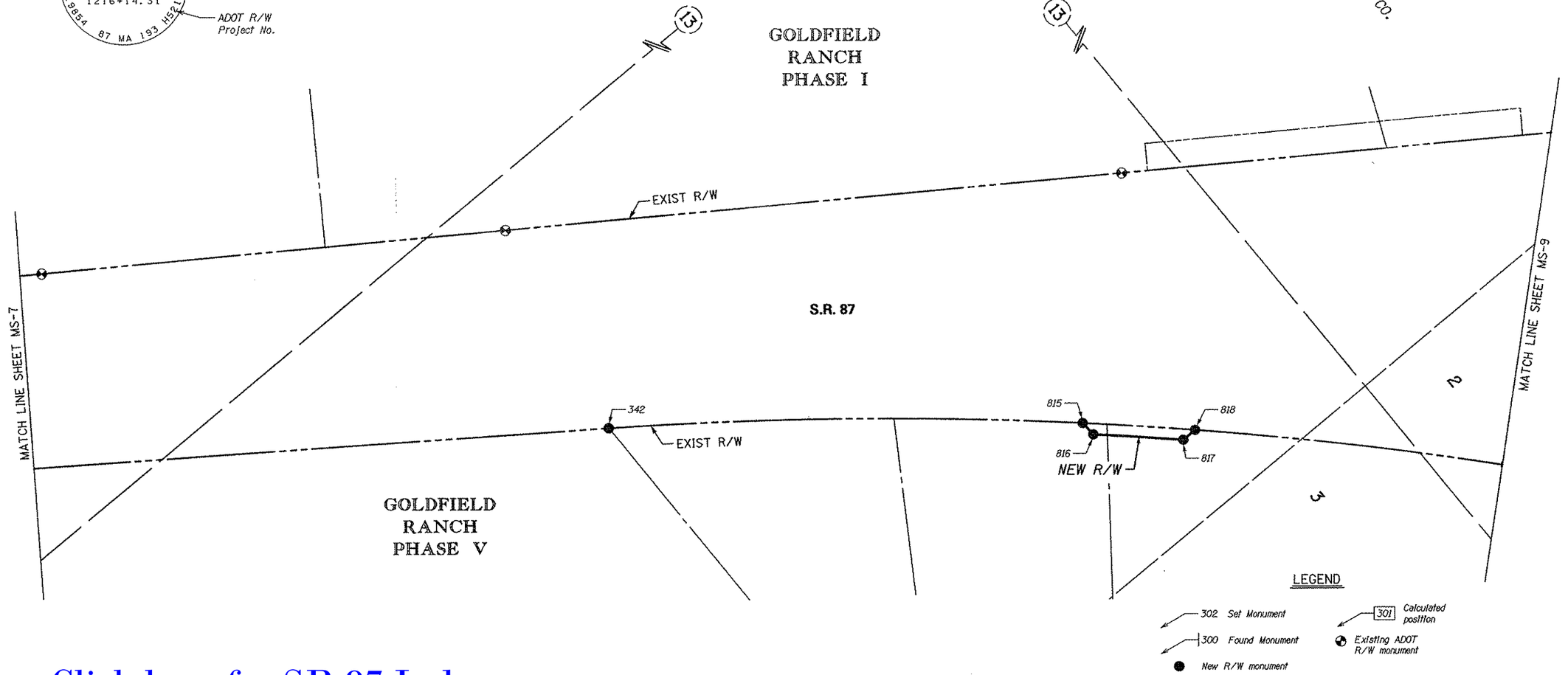
THIS SURVEY SUPPLEMENTS THE RESULTS OF SURVEY AS SHOWN ON SHEETS RS-1 TO RS-8

STANDARD ADOT R/W MONUMENT DETAIL

Unless otherwise noted, all set monuments are 3" aluminum cap on ¾" rebar. Typical stamping below.







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Click here for SR 87 Index

MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
342	946540.68301	800658.27046	Set standard monument	1216+14.31	100.00 RT
815	947226.21950	801209.26250	Set standard monument	1225+06.00	100.00 RT
816	947228.11159	801237.98202	Set standard monument	1225+27.00	120.00 RT
817	947350.62751	801351.94651	Set standard monument	1226+97.00	120.00 RT
818	947379.40867	801351.75930	Set standard monument	1227+18.00	100.00 RT

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

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

DRAWING NO.	D-07-T-955
SURVEY	MARCH 2009
DRAWN/DATE	AMEC/8-09
ADOT REVIEW	D. Forney
amec	
ROUTE NO.:	S.R. 87
LOCATION:	Forest Boundary - Dos 'S' Ranch

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

HIGHWAY NAME: MESA - PAYSON

FEDERAL AID NO.: S 087-B-800

PROJECT NO.: 087 MA 193 H5211 01R

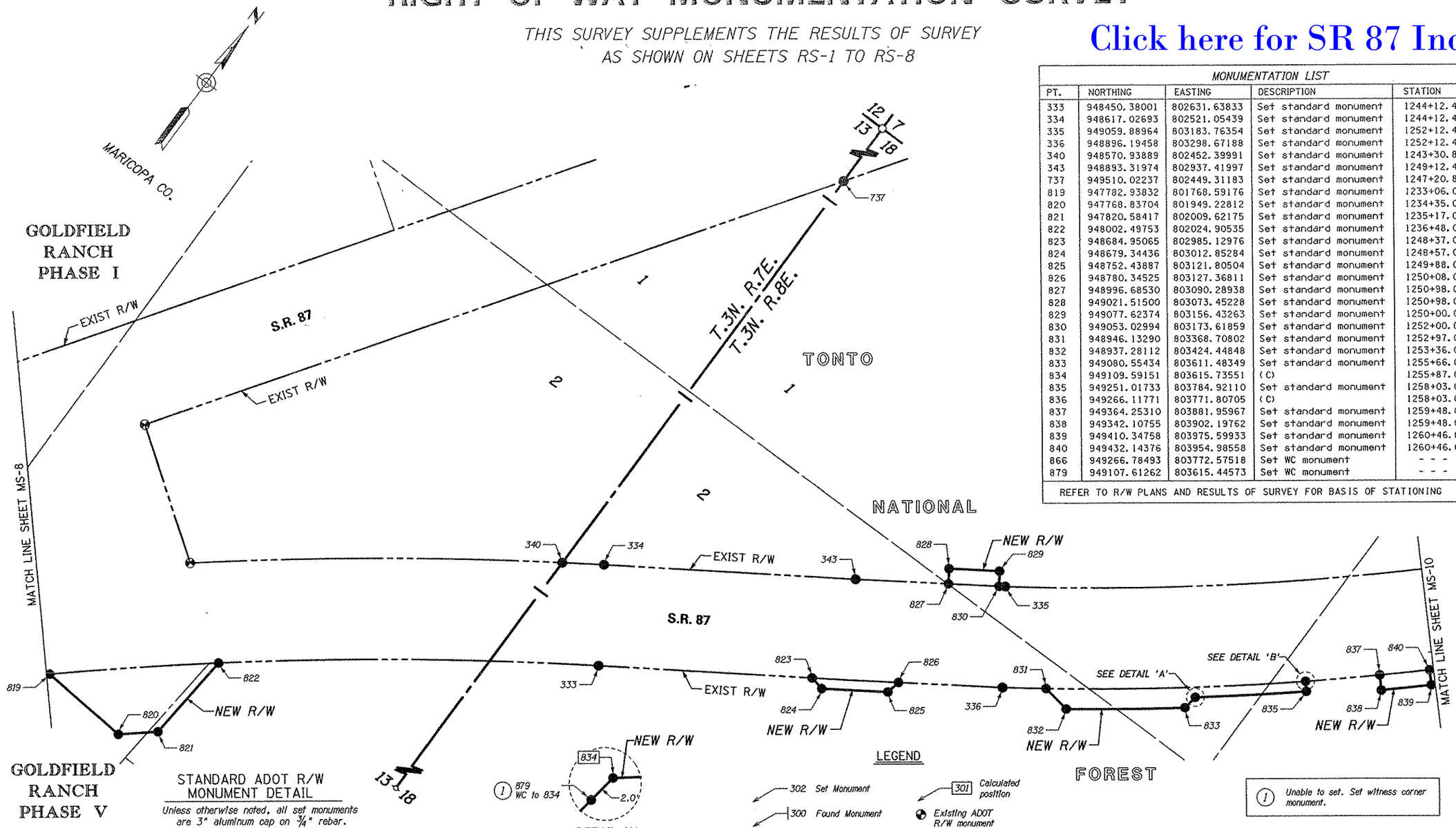
REGISTERED LAND SURVEYOR — 40622 — BRYAN L. CAMPBELL — 2-15-10 — ARIZONA U.S.A. — EXPIRES: 03/31/2013

SHEET MS-8

RIGHT OF WAY MONUMENTATION SURVEY

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

Click here for SR 87 Index



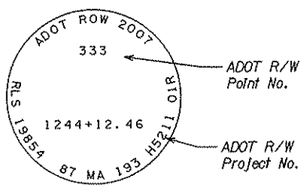
MONUMENTATION LIST

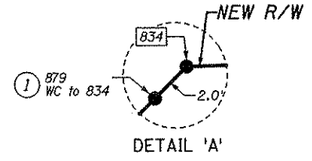
PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
333	948450.38001	802631.63833	Set standard monument	1244+12.46	100.00 RT
334	948617.02693	802521.05439	Set standard monument	1244+12.46	100.00 LT
335	949059.88964	803183.76354	Set standard monument	1252+12.46	100.00 LT
336	948896.19458	803298.67188	Set standard monument	1252+12.46	100.00 RT
340	948570.93889	802452.39991	Set standard monument	1243+30.84	100.00 LT
343	948893.31974	802937.41997	Set standard monument	1249+12.46	100.00 LT
737	949510.02237	802449.31183	Set standard monument	1247+20.80	100.00 RT
819	947782.93832	801768.59176	Set standard monument	1233+06.00	100.00 RT
820	947768.83704	801949.22812	Set standard monument	1234+35.00	230.00 RT
821	947820.58417	802009.62175	Set standard monument	1235+17.00	230.00 RT
822	948002.49753	802024.90535	Set standard monument	1236+48.00	100.00 RT
823	948684.95065	802985.12976	Set standard monument	1248+37.00	100.00 RT
824	948679.34436	803012.85284	Set standard monument	1248+57.00	120.00 RT
825	948752.43887	803121.80504	Set standard monument	1249+88.00	119.38 RT
826	948780.34525	803127.36811	Set standard monument	1250+08.00	99.25 RT
827	948996.68530	803090.28938	Set standard monument	1250+98.00	100.99 LT
828	949021.51500	803073.45228	Set standard monument	1250+98.00	130.99 LT
829	949077.62374	803156.43263	Set standard monument	1250+00.00	130.20 LT
830	949053.02994	803173.61859	Set standard monument	1252+00.00	100.20 LT
831	948946.13290	803368.70802	Set standard monument	1252+97.00	100.00 RT
832	948937.28112	803424.44848	Set standard monument	1253+36.00	140.00 RT
833	949080.55434	803611.48349	Set standard monument	1255+66.00	140.00 RT
834	949109.59151	803615.73551	(C)	1255+87.00	120.00 RT
835	949251.01733	803784.92110	Set standard monument	1258+03.00	120.00 RT
836	949266.11771	803771.80705	(C)	1258+03.00	100.00 RT
837	949364.25310	803881.95967	Set standard monument	1259+48.00	100.00 RT
838	949342.10755	803902.19762	Set standard monument	1259+48.00	130.00 RT
839	949410.34758	803975.59933	Set standard monument	1260+46.00	130.00 RT
840	949432.14376	803954.98558	Set standard monument	1260+46.00	100.00 RT
866	949266.78493	803772.57518	Set WC monument	- - -	- - -
879	949107.61262	803615.44573	Set WC monument	- - -	- - -

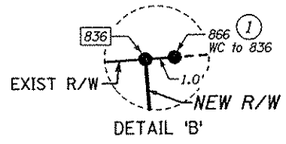
REFER TO R/W PLANS AND RESULTS OF SURVEY FOR BASIS OF STATIONING

STANDARD ADOT R/W MONUMENT DETAIL

Unless otherwise noted, all set monuments are 3" aluminum cap on ¾" rebar. Typical stamping below.







LEGEND

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

(1) Unable to set. Set witness corner monument.

0 50 100
Scale

...\087RW193_MS09.DGN

CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-07-T-955
SURVEY	MARCH 2009
DRAWN/DATE	AMEC/8-09
ADOT REVIEW	D. Forney

amec

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

HIGHWAY NAME: MESA - PAYSON

FEDERAL AID NO.: S 087-B-800

PROJECT NO.: 087 MA 193 H5211 01R

ROUTE NO.: S.R. 87

LOCATION: Forest Boundary - Dos 'S' Ranch

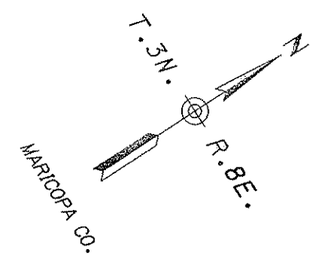
REGISTERED LAND SURVEYOR
40622
BRYAN L. CAMPBELL
12-15-10
ARIZONA U.S.A.
EXPIRES: 03/31/2012

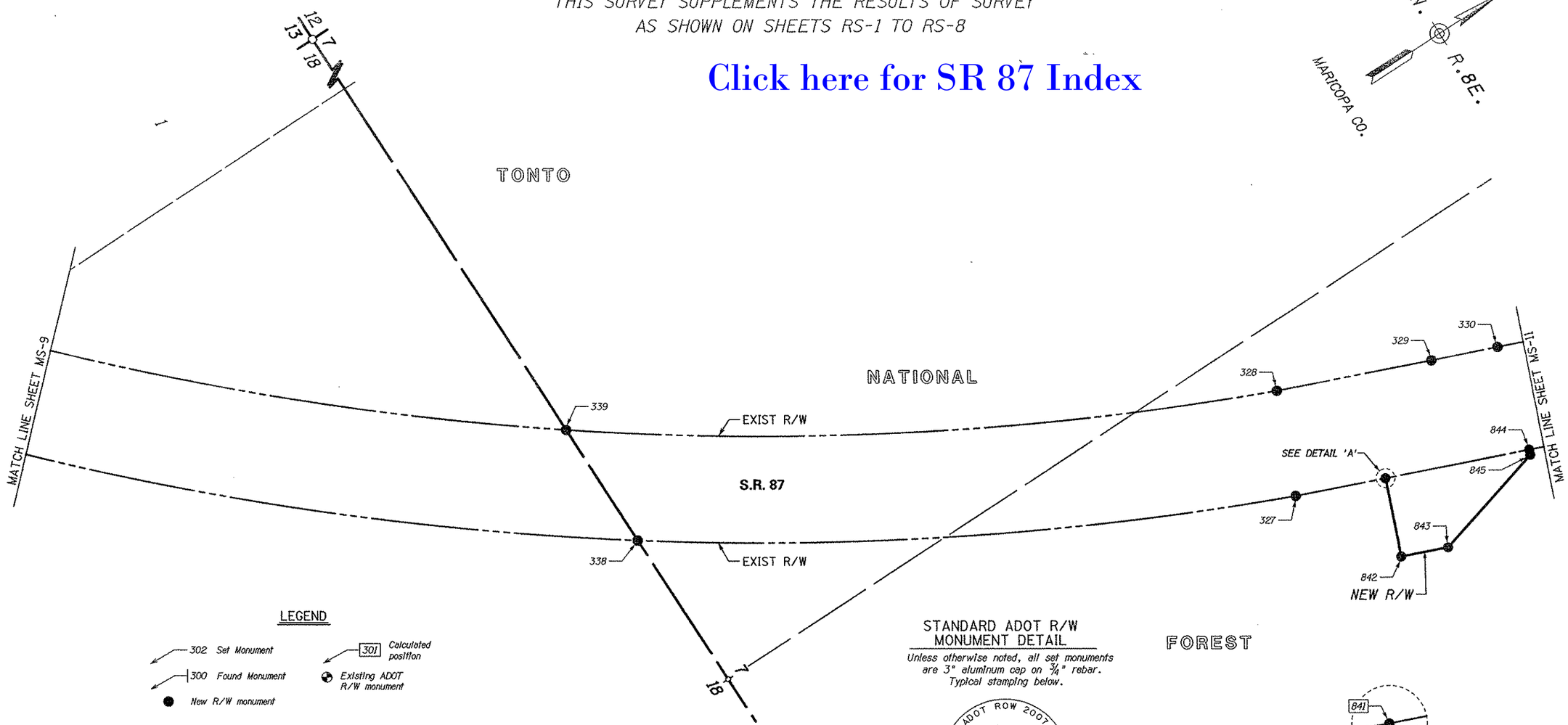
SHEET MS-9

RIGHT OF WAY MONUMENTATION SURVEY

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

Click here for SR 87 Index



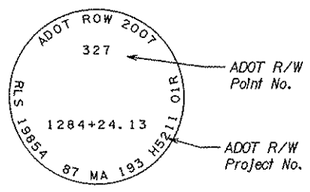


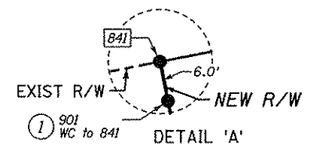
LEGEND

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

STANDARD ADOT R/W MONUMENT DETAIL

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





1 *Unable to set. Set witness corner monument.*

MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
327	951407.02801	805322.78726	Set standard monument	1284+24.13	100.00 RT
328	951484.58193	805138.43599	Set standard monument	1284+24.13	100.00 LT
329	951760.66233	805248.93620	Set standard monument	1287+24.13	100.00 LT
330	951879.41411	805295.27328	Set standard monument	1288+51.60	100.00 LT
338	950319.92180	804721.89289	Set standard monument	1272+00.99	100.00 RT
339	950319.29614	804474.96065	Set standard monument	1270+56.13	100.00 LT
841	951567.63381	805387.08336	(C)	1285+95.00	99.07 RT
842	951512.43009	805526.55699	Set standard monument	1285+95.00	249.08 RT
843	951596.07086	805560.04131	Set standard monument	1286+84.00	249.66 RT
844	951824.71593	805488.79731	Set standard monument	1288+71.00	100.17 RT
845	951821.07970	805498.11316	Set standard monument	1288+71.00	110.17 RT
901	951565.42568	805392.66226	Set WC monument	- - -	- - -

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

0 50 100
Scale

...\087RW193_MS10.DGN

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

DRAWING NO.	D-07-T-955
SURVEY	MARCH 2009
DRAWN/DATE	AMEC/8-09
ADOT REVIEW	D. Forney
amec	
ROUTE NO.:	S.R. 87
LOCATION:	Forest Boundary - Dos 'S' Ranch

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

HIGHWAY NAME: MESA - PAYSON

FEDERAL AID NO.: S 087-B-800

PROJECT NO.: 087 MA 193 H5211 01R

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
40622
BRYAN L. CAMPBELL
12-15-10
ARIZONA, U.S.A.
EXPIRES: 03/31/2013

SHEET MS-10

RIGHT OF WAY MONUMENTATION SURVEY

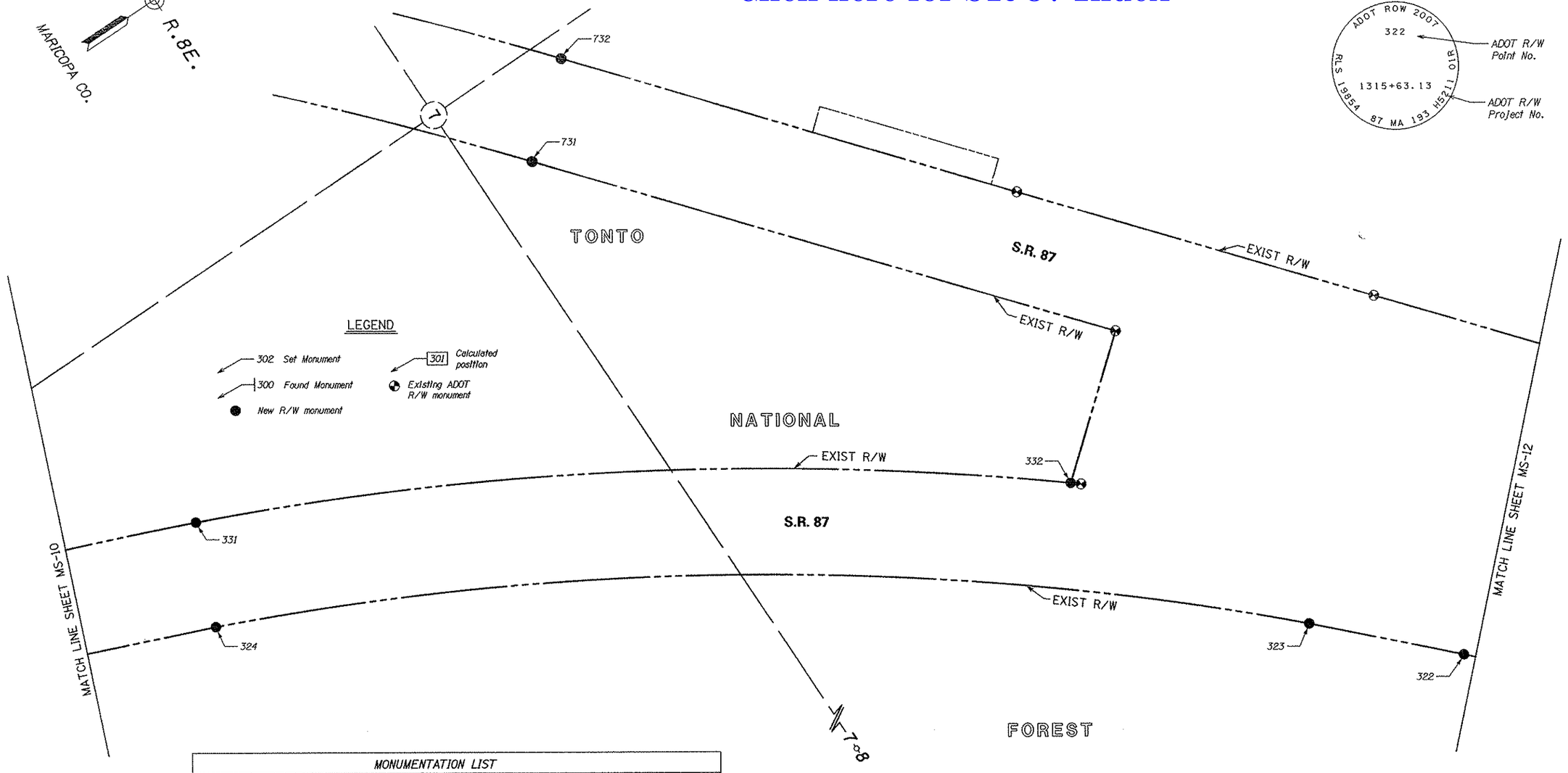
THIS SURVEY SUPPLEMENTS THE RESULTS OF SURVEY AS SHOWN ON SHEETS RS-1 TO RS-8

Click here for SR 87 Index

T.3N. R.8E. MARICOPA CO.

STANDARD ADOT R/W MONUMENT DETAIL

Unless otherwise noted, all set monuments are 3" aluminum cap on ¾" rebar. Typical stamping below.



MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
322	954016.09358	806936.94070	Set standard monument	1315+63.13	100.00 RT
323	953805.57446	806726.91123	Set standard monument	1312+63.13	100.00 RT
324	952082.79292	805592.09172	Set standard monument	1291+51.60	100.00 RT
331	952160.34683	805407.74045	Set standard monument	1291+51.60	100.00 LT
332	953578.07782	806258.54186	Set standard monument	1307+81.16	100.00 LT
731	953067.10722	805193.63559	Set standard monument	1292+57.42	100.00 RT
732	953219.66762	805064.30915	Set standard monument	1292+57.42	100.00 LT

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

Scale 0 50 100

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

DRAWING NO.	D-07-T-955
SURVEY	MARCH 2009
DRAWN/DATE	AMEC/8-09
ADOT REVIEW	D. Forney

amec

ROUTE NO.: S.R. 87

LOCATION: Forest Boundary - Dos 'S' Ranch

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

HIGHWAY NAME: MESA - PAYSON

FEDERAL AID NO.: S 087-B-800

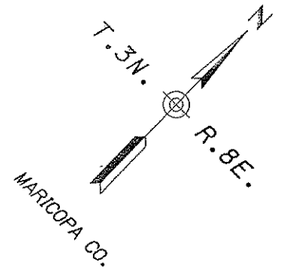
PROJECT NO.: 087 MA 193 H5211 01R

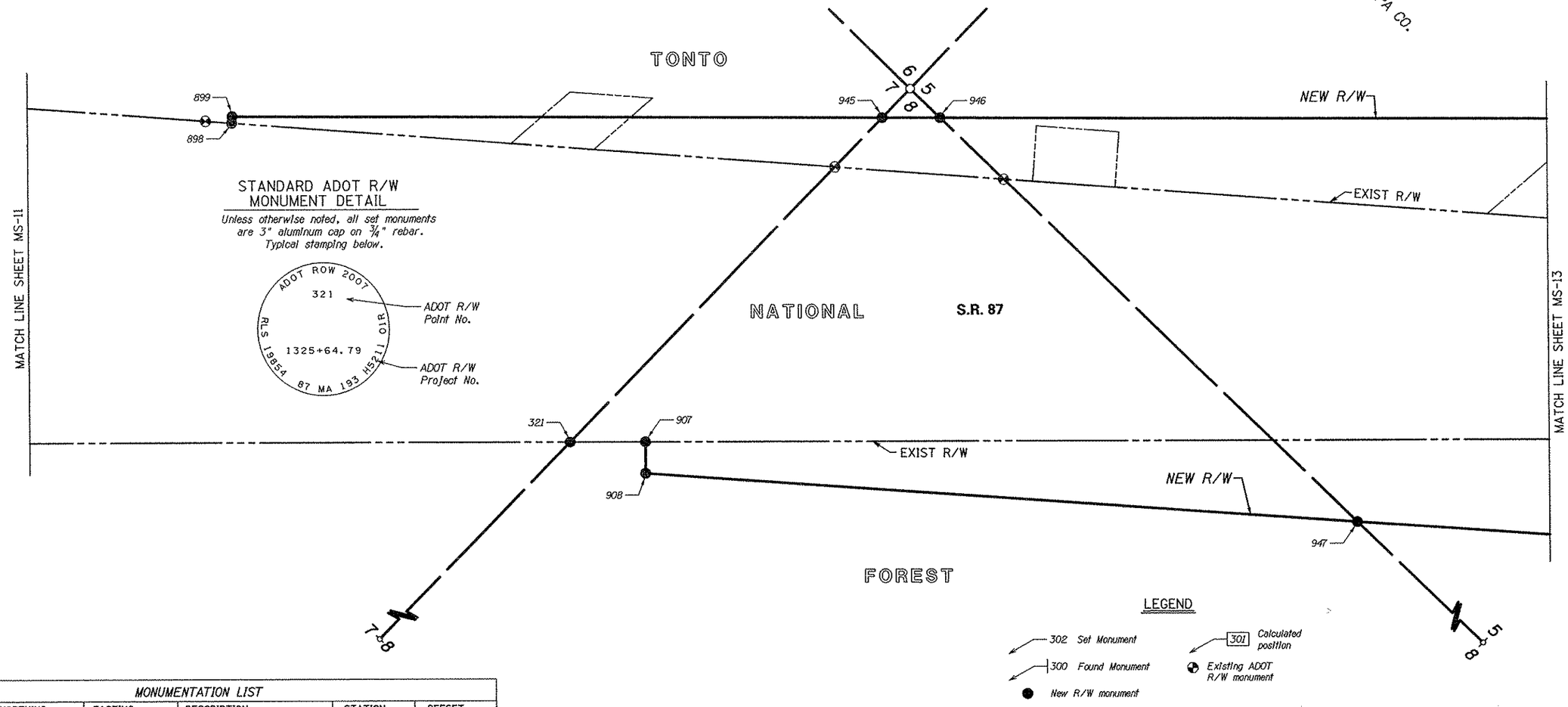
REGISTERED LAND SURVEYOR 40622 BRIAN L CAMPBELL 12-15-10 ARIZONA U.S.A. EXPIRES: 03/31/2013

SHEET MS-11

RIGHT OF WAY MONUMENTATION SURVEY

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





STANDARD ADOT R/W MONUMENT DETAIL

Unless otherwise noted, all set monuments are 3" aluminum cap on ¾" rebar. Typical stamping below.

LEGEND

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

MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
321	954719.02851	807650.53362	Set standard monument	1325+64.79	100.00 RT
898	954701.95546	806812.89537	Set standard monument	1315+48.00	100.00 LT
899	954711.10908	806805.13578	Set standard monument	1315+48.00	112.00 LT
907	954814.67744	807747.63279	Set standard monument	1327+00.00	100.00 RT
908	954774.07025	807787.63349	Set standard monument	1327+00.00	157.00 RT
945	955533.11391	807646.88550	Set standard monument	1327+21.62	194.72 LT
946	955606.21072	807721.73811	Set standard monument	1328+25.99	202.08 LT
947	955611.79812	808767.32747	Set standard monument	1339+85.83	247.71 RT

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

Click here for SR 87 Index

0 50 100
Scale

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

DRAWING NO.	D-07-T-955
SURVEY	MARCH 2009
DRAWN/DATE	AMEC/8-09
ADOT REVIEW	D. Forney
amec	
ROUTE NO.: S.R. 87	LOCATION: Forest Boundary - Dos 'S' Ranch

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

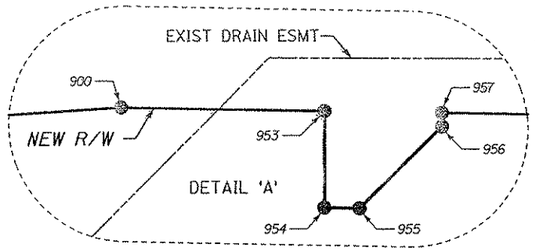
HIGHWAY NAME: MESA - PAYSON
FEDERAL AID NO.: S 087-B-800
PROJECT NO.: 087 MA 193 H5211 01R
SHEET MS-12

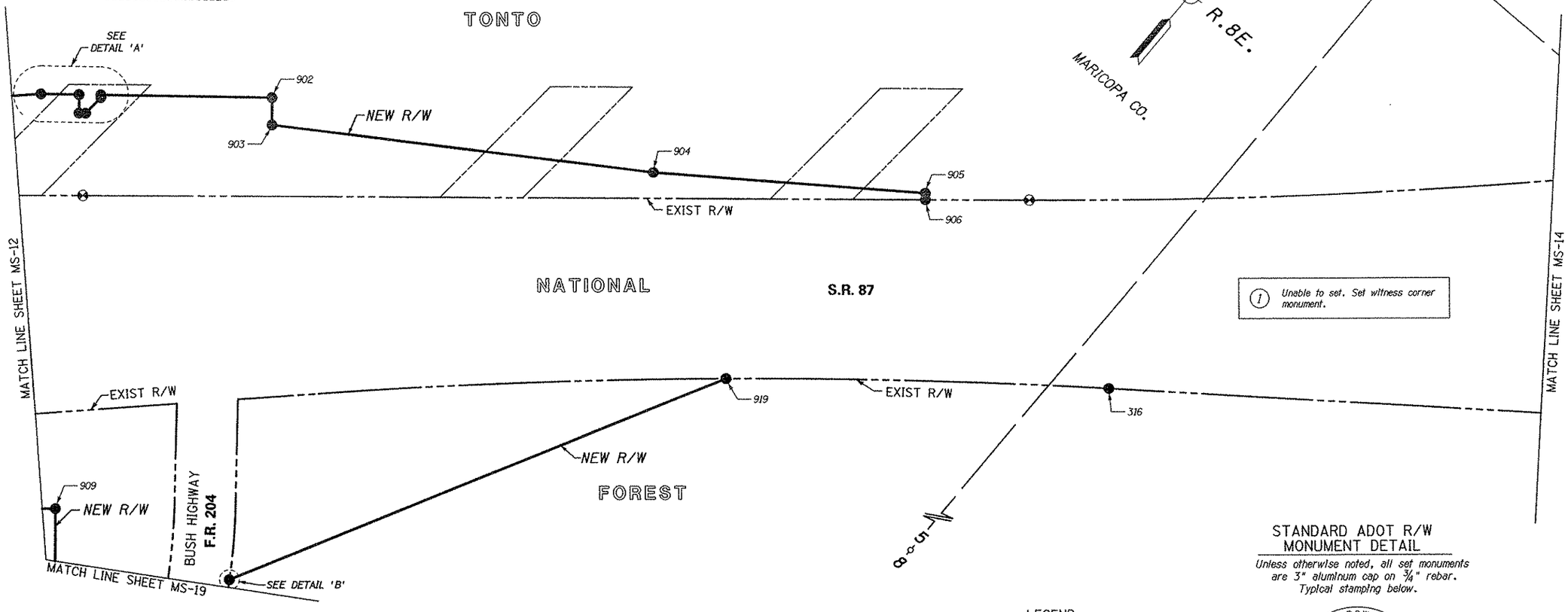
REGISTERED LAND SURVEYOR
40622
BRIAN L. CAMPBELL
12-15-10
ARIZONA U.S.A.
EXPIRES: 03/31/2013

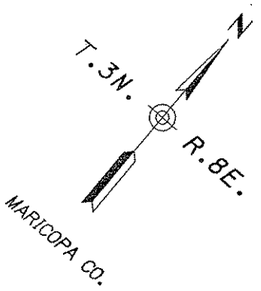
RIGHT OF WAY MONUMENTATION SURVEY

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

Click here for SR 87 Index





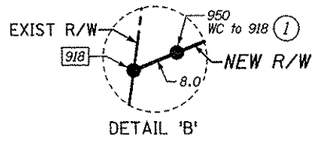


① Unable to set. Set witness corner monument.

MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
316	957265.31725	810364.78213	Set standard monument	1363+00.73	100.00 RT
900	956410.27785	808545.11926	Set standard monument	1339+74.00	283.00 LT
902	956678.04935	808868.72925	Set standard monument	1343+94.00	278.00 LT
903	956640.67205	808900.41422	Set standard monument	1343+94.00	229.00 LT
904	957026.88501	809482.82263	Set standard monument	1350+88.00	147.00 LT
905	957319.62323	809882.27893	Set standard monument	1355+82.00	112.00 LT
906	957310.46960	809890.03851	Set standard monument	1355+82.00	100.00 LT
909	955854.55159	809051.21932	Set standard monument	1343+58.43	274.00 RT
918	955962.07351	809375.21316	(C)	1346+64.70	424.77 RT
919	956827.56621	809825.59937	Set standard monument	1356+00.00	100.00 RT
950	955969.17014	809378.90611	Set WC monument	- - -	- - -
953	956454.90643	808599.05426	Set standard monument	1340+44.00	282.17 LT
954	956429.73218	808620.39463	Set standard monument	1340+44.00	249.16 LT
955	956437.38280	808629.64063	Set standard monument	1340+56.00	249.02 LT
956	956476.84695	808632.89338	Set standard monument	1340+84.00	277.02 LT
957	956480.40848	808629.87425	Set standard monument	1340+84.00	281.69 LT

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

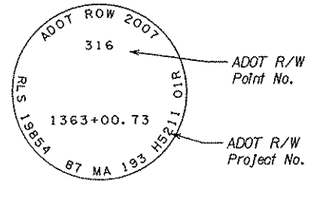


LEGEND

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

STANDARD ADOT R/W MONUMENT DETAIL

Unless otherwise noted, all set monuments are 3" aluminum cap on ¾" rebar. Typical stamping below.



0 50 100
Scale

...\087RW193_MS13.DGN

CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-07-T-955
SURVEY	MARCH 2009
DRAWN/DATE	AMEC/8-09
ADOT REVIEW	D. Forney

amec

ROUTE NO.: S.R. 87

LOCATION: Forest Boundary - Dos 'S' Ranch

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

HIGHWAY NAME: MESA - PAYSON

FEDERAL AID NO.: S 087-B-800

PROJECT NO.: 087 MA 193 H5211 01R

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
40622
BRYAN L. CAMPBELL
12-10-10
ARIZONA U.S.A.
EXPIRES: 03/31/2010

SHEET MS-13

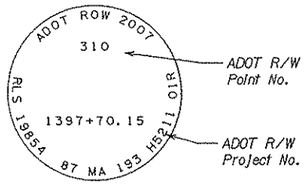
RIGHT OF WAY MONUMENTATION SURVEY

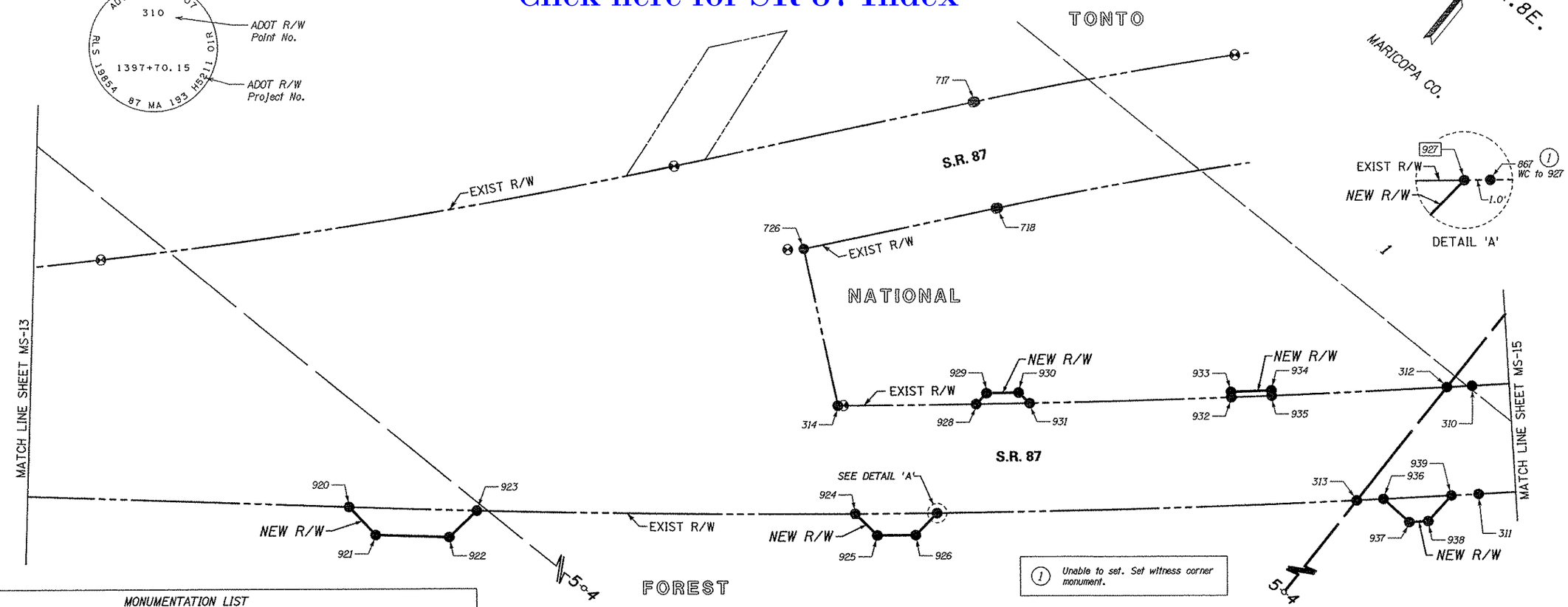
THIS SURVEY SUPPLEMENTS THE RESULTS OF SURVEY
AS SHOWN ON SHEETS RS-1 TO RS-8

Click here for SR 87 Index

STANDARD ADOT R/W
MONUMENT DETAIL

Unless otherwise noted, all set monuments are 3" aluminum cap on ¾" rebar. Typical stamping below.





MONUMENTATION LIST					
PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
310	959592.26210	812938.93118	Set standard monument	1397+70.15	100.00 LT
311	959444.58886	813073.81118	Set standard monument	1397+70.15	100.00 RT
312	959560.95454	812904.58395	Set standard monument	1397+23.47	100.00 LT
313	959293.07591	812906.28403	Set standard monument	1395+45.25	100.00 RT
314	958822.40699	812051.19340	Set standard monument	1385+89.81	100.00 LT
717	959418.26808	811895.39549	Set standard monument	1385+16.69	100.00 LT
718	959292.78890	812051.13558	Set standard monument	1385+16.69	100.00 RT
726	959007.24952	811821.07763	Set standard monument	1381+50.00	100.00 RT
867	958784.18531	812318.33858	Set WC monument	- - -	- - -
920	958104.56235	811465.62830	Set standard monument	1376+85.00	100.00 RT
921	958095.32330	811535.98029	Set standard monument	1377+35.35	150.00 RT
922	958178.42570	811644.32002	Set standard monument	1378+71.00	150.00 RT
923	958248.73353	811653.49337	Set standard monument	1379+21.00	100.00 RT
924	958687.27080	812201.69133	Set standard monument	1386+20.00	100.00 RT
925	958682.06320	812258.16857	Set standard monument	1386+60.00	140.00 RT
926	958727.06872	812312.34003	Set standard monument	1387+30.00	140.00 RT
927	958783.54375	812317.57151	(C)	1387+70.00	100.00 RT
928	958985.60154	812247.22571	Set standard monument	1388+46.00	100.00 LT
929	959013.72152	812249.55734	Set standard monument	1388+66.00	120.00 LT
930	959052.26386	812295.13019	Set standard monument	1389+26.00	120.00 LT
931	959049.89510	812323.24706	Set standard monument	1389+46.00	100.00 LT
932	959293.93469	812605.81045	Set standard monument	1393+21.00	100.00 LT

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

MONUMENTATION LIST					
PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
933	959301.44909	812599.21244	Set standard monument	1393+21.00	110.00 LT
934	959350.78835	812655.21927	Set standard monument	1393+96.00	110.00 LT
935	959343.29558	812661.84184	Set standard monument	1393+96.00	100.00 LT
936	959326.45281	812943.47337	Set standard monument	1395+95.00	100.00 RT
937	959323.31201	813007.20592	Set standard monument	1396+40.00	145.00 RT
938	959346.93724	813033.32867	Set standard monument	1396+75.00	145.00 RT
939	959410.66390	813036.58677	Set standard monument	1397+20.00	100.00 RT

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

(1) Unable to set. Set witness corner monument.

LEGEND

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

0 50 100
Scale

...\087RW193_MS14.DGN

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

DRAWING NO.	D-07-T-955
SURVEY	MARCH 2009
DRAWN/DATE	AMEC/8-09
ADOT REVIEW	D. Forney

amec

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

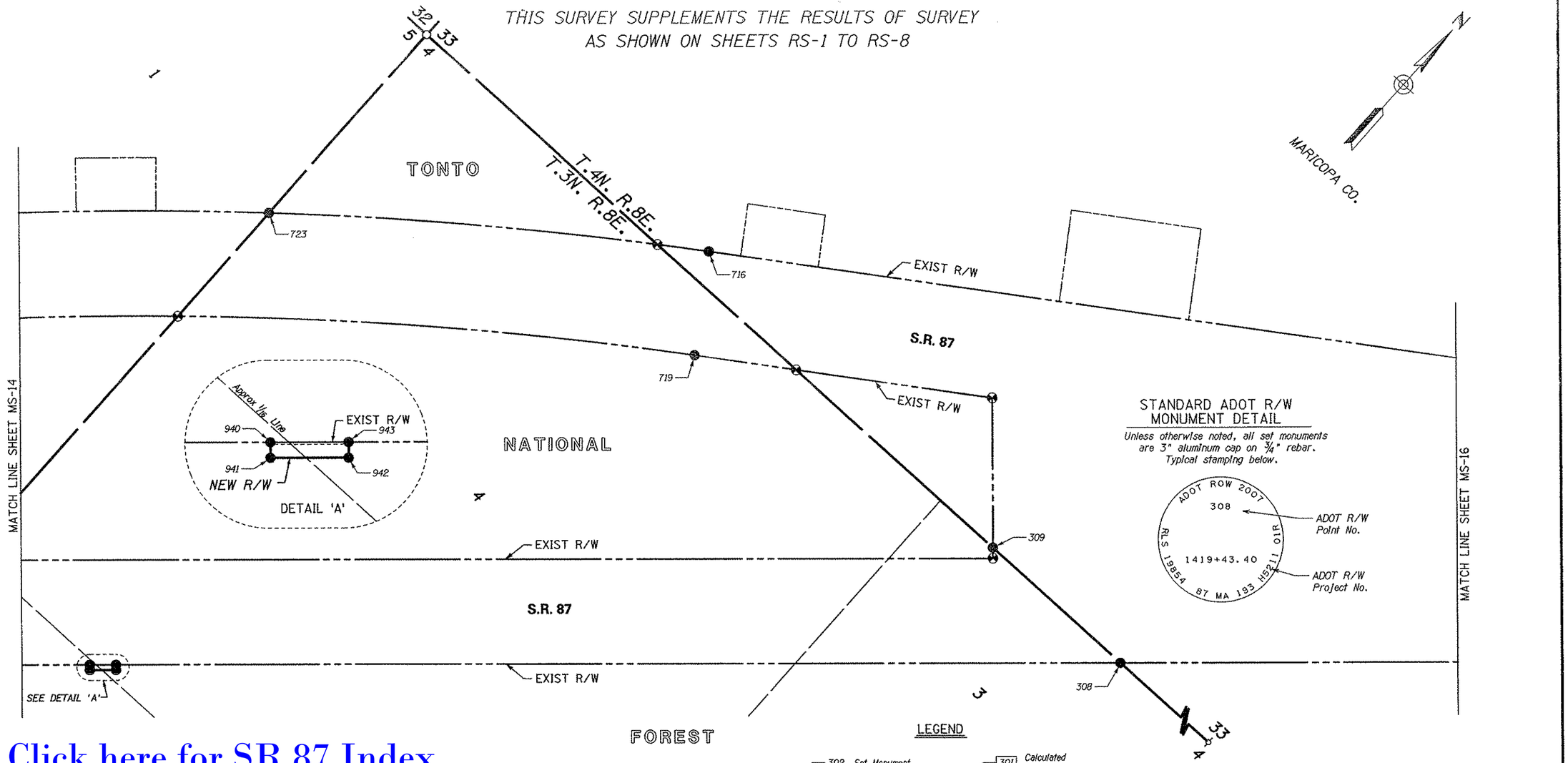
HIGHWAY NAME: MESA - PAYSON
FEDERAL AID NO.: S 087-B-800
PROJECT NO.: 087 MA 193 H5211 01R
ROUTE NO.: S.R. 87
LOCATION: Forest Boundary - Dos 'S' Ranch

REGISTERED LAND SURVEYOR
40622
BRYAN L. CAMPBELL
12-15-10
ARIZONA U.S.A.
EXPIRES: 03/31/2010

SHEET MS-14

RIGHT OF WAY MONUMENTATION SURVEY

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



STANDARD ADOT R/W MONUMENT DETAIL

Unless otherwise noted, all set monuments are 3" aluminum cap on ¾" rebar. Typical stamping below.

LEGEND

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

Click here for SR 87 Index

MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
308	960910.23389	814678.47114	Set standard monument	1419+43.40	100.00 RT
309	960909.12000	814350.14668	Set standard monument	1417+00.23	100.00 LT
716	960962.75179	813570.47229	Set standard monument	1407+73.89	100.00 LT
719	960797.36058	813682.92561	Set standard monument	1407+73.89	100.00 RT
723	960450.42505	812898.93896	Set standard monument	1399+39.74	100.00 LT
940	959579.37075	813221.37700	Set standard monument	1399+70.00	100.00 RT
941	959571.98709	813228.12100	Set standard monument	1399+70.00	110.00 RT
942	959605.70709	813265.03931	Set standard monument	1400+20.00	110.00 RT
943	959613.09076	813258.29531	Set standard monument	1400+20.00	100.00 RT

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

0 50 100
Scale

...\087RW193_MS15.DGN

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

DRAWING NO.	D-07-T-955
SURVEY	MARCH 2009
DRAWN/DATE	AMEC/8-09
ADOT REVIEW	D. Forney

amec

ROUTE NO.: S.R. 87

LOCATION: Forest Boundary - Dos 'S' Ranch

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

HIGHWAY NAME: MESA - PAYSON

FEDERAL AID NO.: S 087-B-800

PROJECT NO.: 087 MA 193 H5211 01R

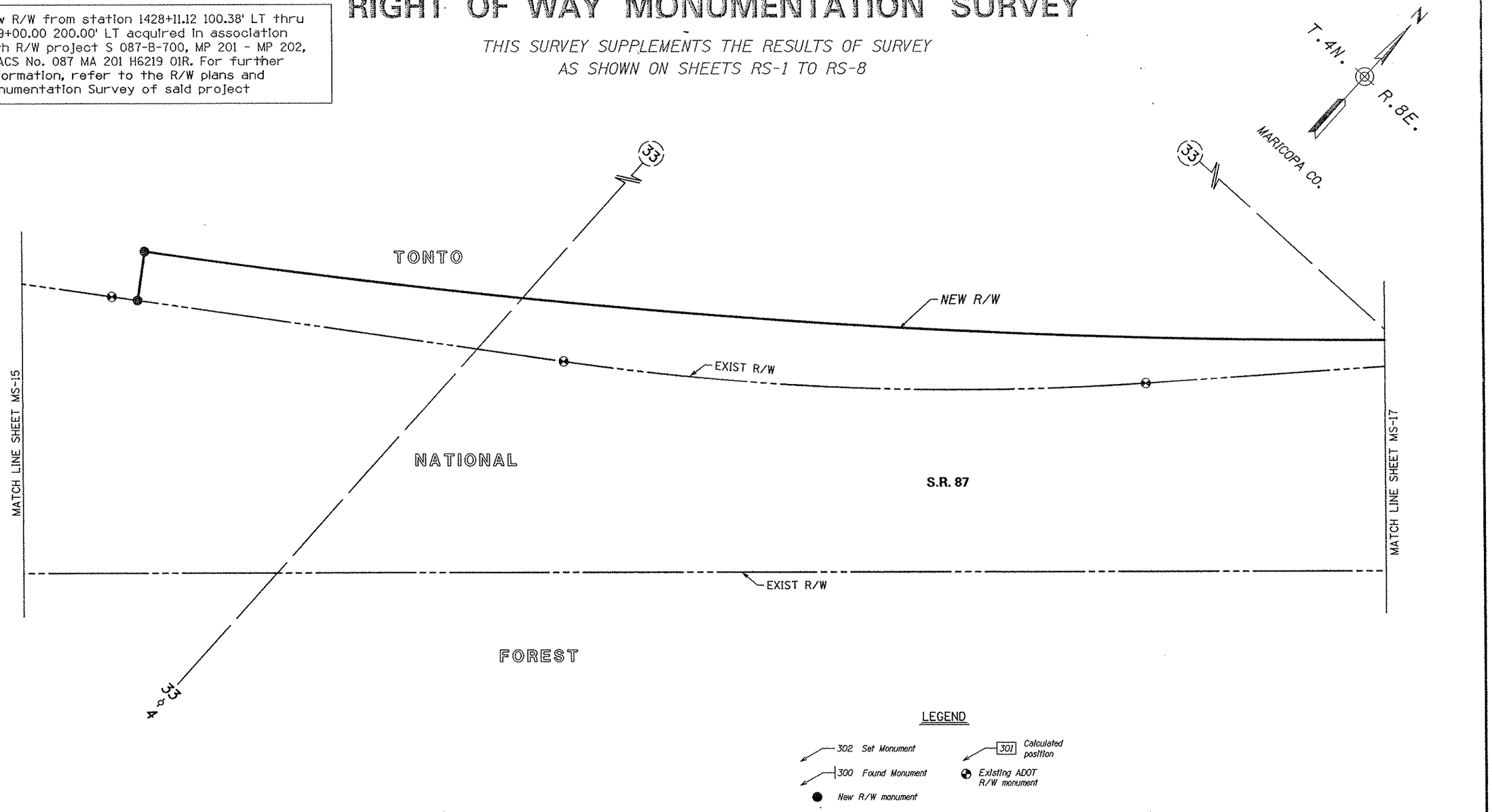
REGISTERED LAND SURVEYOR
40622
BRYAN LI CAMPBELL
12-15-12
ARIZONA U.S.A.
EXPIRES: 03/31/2015

SHEET MS-15

RIGHT OF WAY MONUMENTATION SURVEY

New R/W from station 1428+11.12 100.38' LT thru 1519+00.00 200.00' LT acquired in association with R/W project S 087-B-700, MP 201 - MP 202, TRACS No. 087 MA 201 H6219 01R. For further information, refer to the R/W plans and Monumentation Survey of said project

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



LEGEND

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

0 50 100
Scale

...\087RW193_MS16.DGN

Click here for SR 87 Index

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

DRAWING NO.	D-07-T-955
SURVEY	MARCH 2009
DRAWN/DATE	AMEC/8-09
ADOT REVIEW	D. Forney
ROUTE NO.:	S.R. 87
LOCATION:	Forest Boundary - Dos 'S' Ranch

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

HIGHWAY NAME: MESA - PAYSON
FEDERAL AID NO.: S 087-B-800
PROJECT NO.: 087 MA 193 H5211 01R

REGISTERED LAND SURVEYOR
40622
BRYAN L. CAMPBELL
12-15-09
ARIZONA U.S.A.
EXPIRES: 03/31/2010

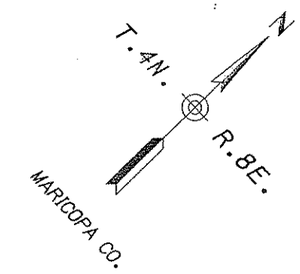
SHEET MS-16

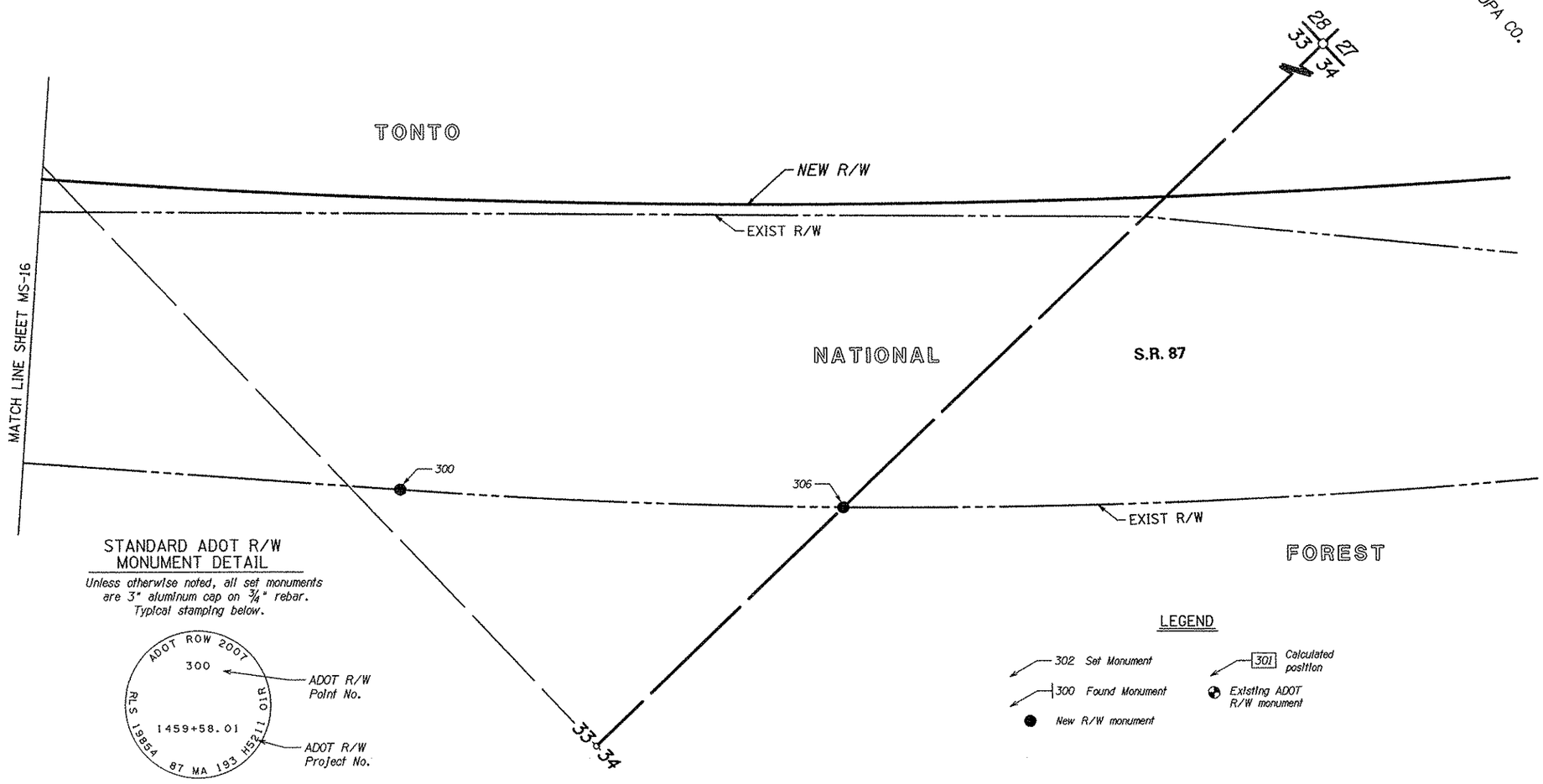
RIGHT OF WAY MONUMENTATION SURVEY

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

New R/W from station 1428+11.12 100.38' LT thru 1519+00.00 200.00' LT acquired in association with R/W project S 087-B-700, MP 201 - MP 202, TRACS No. 087 MA 201 H6219 01R. For further information, refer to the R/W plans and Monumentation Survey of said project

Click here for SR 87 Index





STANDARD ADOT R/W MONUMENT DETAIL

Unless otherwise noted, all set monuments are 3" aluminum cap on ¾" rebar. Typical stamping below.

LEGEND

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

0 50 100
Scale

...\087RW193_MS17.DGN

MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
300	963617.30624	817642.30652	Set standard monument	1459+58.01	100.00 RT
306	964121.98748	818161.24696	Set standard monument	1466+75.74	100.00 RT

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

CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-07-T-955
SURVEY	MARCH 2009
DRAWN/DATE	AMEC/8-09
ADOT REVIEW	D. Forney

amec

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

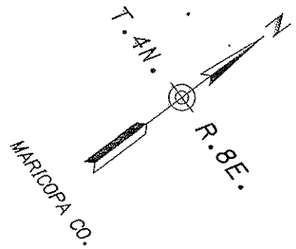
HIGHWAY NAME: MESA - PAYSON
FEDERAL AID NO.: S 087-B-800
PROJECT NO.: 087 MA 193 H5211 01R
ROUTE NO.: S.R. 87
LOCATION: Forest Boundary - Dos 'S' Ranch

REGISTERED LAND SURVEYOR
40822
BRIAN L. CAMPBELL
12-15-10
ARIZONA U.S.A.
EXPIRES: 03/31/2003

SHEET MS-17

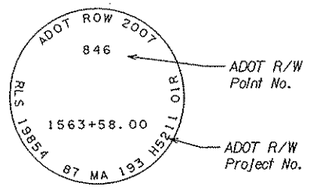
RIGHT OF WAY MONUMENTATION SURVEY

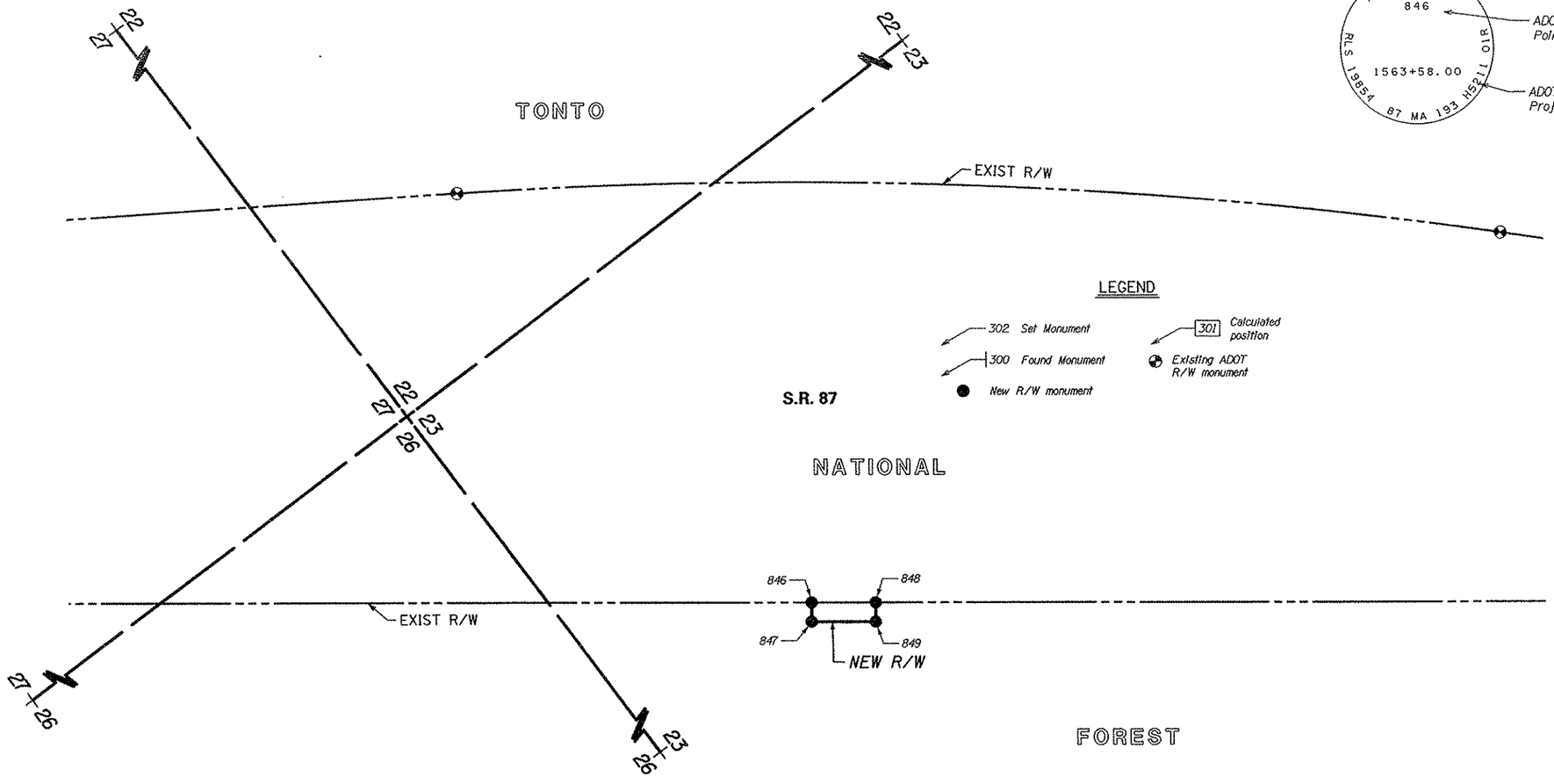
THIS SURVEY SUPPLEMENTS THE RESULTS OF SURVEY AS SHOWN ON SHEETS RS-1 TO RS-8



STANDARD ADOT R/W MONUMENT DETAIL

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





LEGEND

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

MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
846	971830.15964	824018.80300	Set standard monument	1563+58.00	100.00 RT
847	971812.24244	824042.86488	Set standard monument	1563+58.00	130.00 RT
848	971910.36590	824078.52700	Set standard monument	1564+58.00	100.00 RT
849	971892.44870	824102.58888	Set standard monument	1564+58.00	130.00 RT

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

Click here for SR 87 Index

0 50 100
Scale

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

DRAWING NO.	D-07-T-955
SURVEY	MARCH 2009
DRAWN/DATE	AMEC/8-09
ADOT REVIEW	D. Forney
amec	
ROUTE NO.:	S.R. 87
LOCATION:	Forest Boundary - Dos 'S' Ranch

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

HIGHWAY NAME: MESA - PAYSON

FEDERAL AID NO.: S 087-B-800

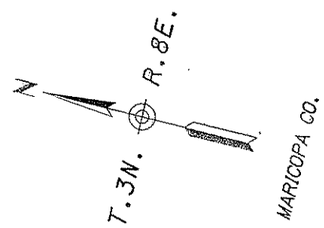
PROJECT NO.: 087 MA 193 H5211 01R

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
40622
BRYAN L. CAMPBELL
12-15-08
ARIZONA U.S.A.
EXPIRES: 03/31/2010

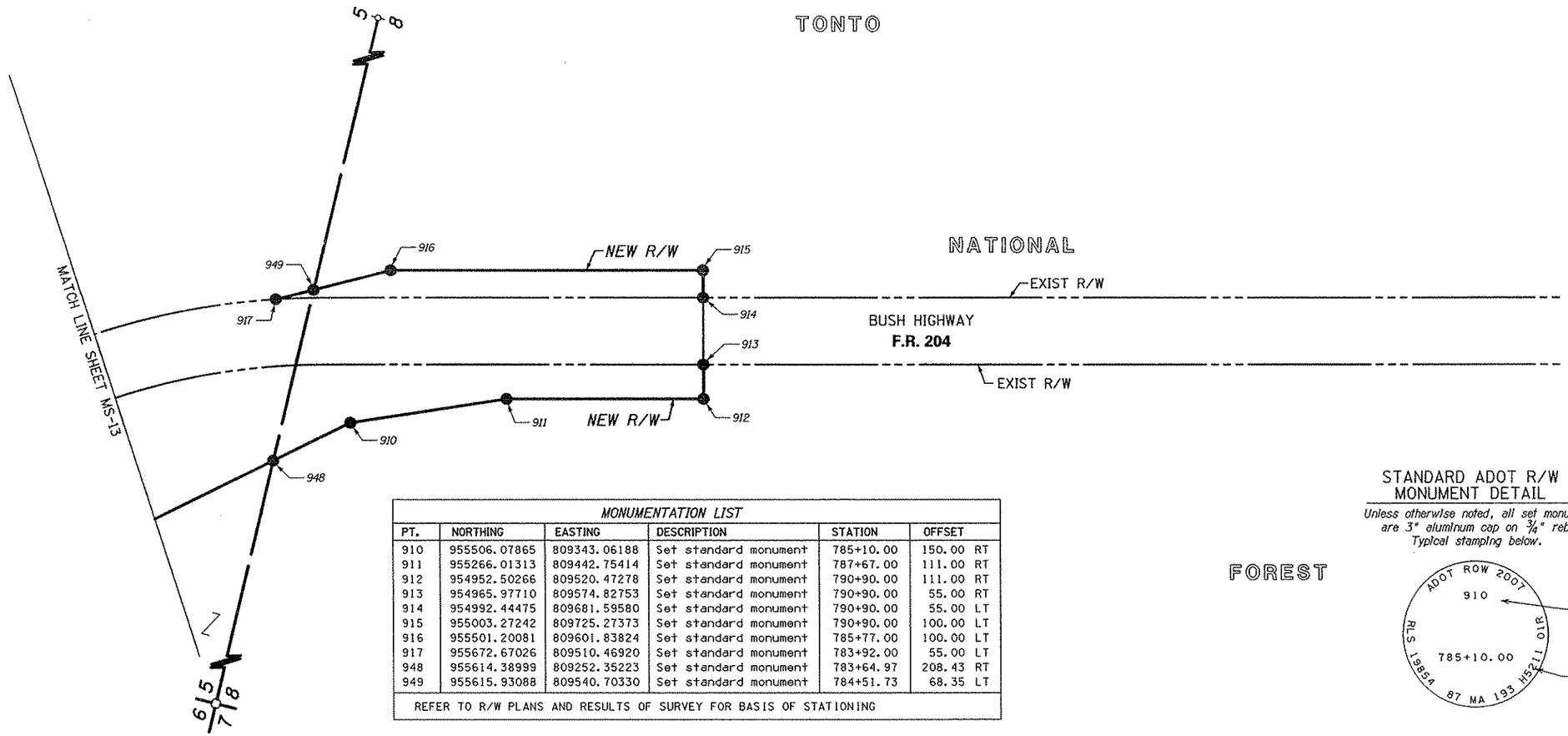
SHEET MS-18

RIGHT OF WAY MONUMENTATION SURVEY

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



Click here for SR 87 Index



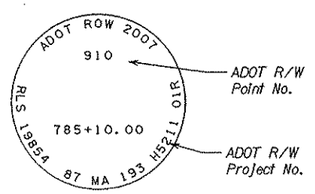
MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
910	955506.07865	809343.06188	Set standard monument	785+10.00	150.00 RT
911	955266.01313	809442.75414	Set standard monument	787+67.00	111.00 RT
912	954952.50266	809520.47278	Set standard monument	790+90.00	111.00 RT
913	954965.97710	809574.82753	Set standard monument	790+90.00	55.00 RT
914	954992.44475	809681.59580	Set standard monument	790+90.00	55.00 LT
915	955003.27242	809725.27373	Set standard monument	790+90.00	100.00 LT
916	955501.20081	809601.83824	Set standard monument	785+77.00	100.00 LT
917	955672.67026	809510.46920	Set standard monument	783+92.00	55.00 LT
948	955614.38999	809252.35223	Set standard monument	783+64.97	208.43 RT
949	955615.93088	809540.70330	Set standard monument	784+51.73	68.35 LT

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

STANDARD ADOT R/W MONUMENT DETAIL

Unless otherwise noted, all set monuments are 3" aluminum cap on ¾" rebar. Typical stamping below.



LEGEND

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

0 50 100
Scale

...\087RW193_MS19.DGN

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

DRAWING NO.	D-07-T-955
SURVEY	MARCH 2009
DRAWN/DATE	AMEC/8-09
ADOT REVIEW	D. Forney
amec	
ROUTE NO.:	S.R. 87
LOCATION:	Forest Boundary - Dos 'S' Ranch

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

HIGHWAY NAME: MESA - PAYSON

FEDERAL AID NO.: S 087-B-800

PROJECT NO.: 087 MA 193 H5211 01R

REGISTERED LAND SURVEYOR
40622
BRYAN L. CAMPBELL
12-15-08
ARIZONA U.S.A.
EXPIRES: 03/31/2010

SHEET MS-19