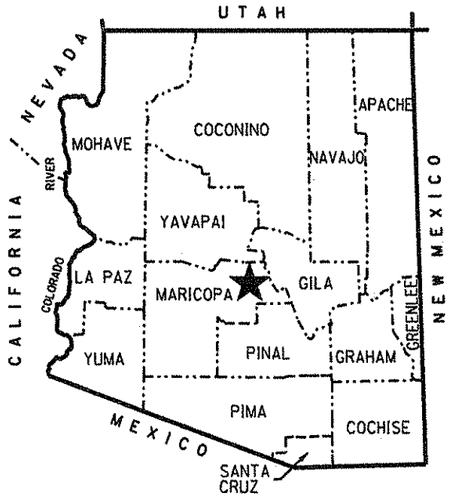
RIGHT OF WAY PLANS OF THE

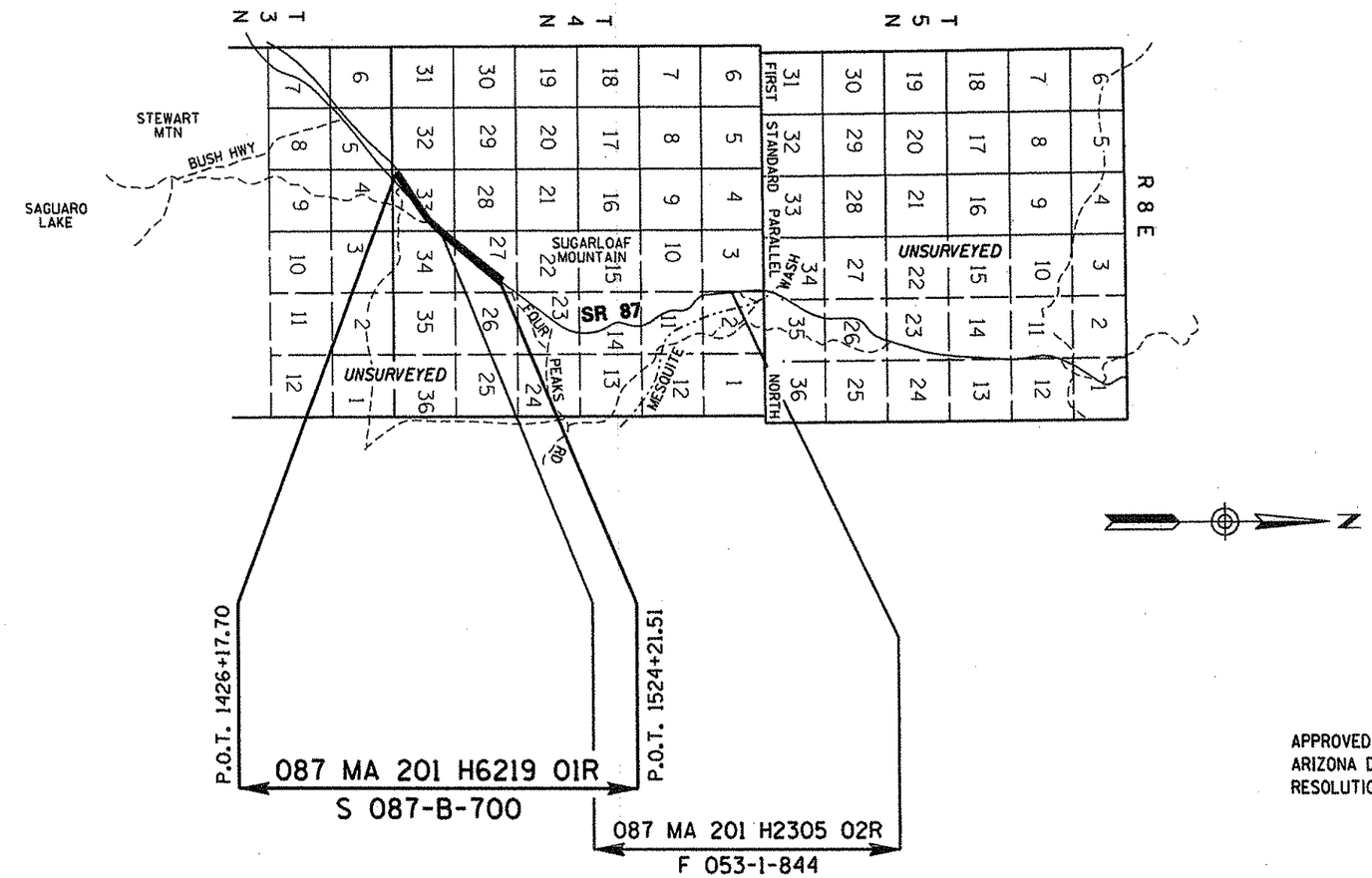
MESA-PAYSON HIGHWAY
MP 201-MP 202
087 MA 201 H6219 01R
S 087-B-700

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

ADOT



★ PROJECT LOCATION
COUNTY NAME: MARICOPA
LENGTH OF PROJECT: 1.9 MILES
ADOT DISTRICT: PHOENIX (E)
DRAWING NUMBER: D-07-T-957



SHEET INDEX

COVER SHEET	1
STANDARD ABBREVIATIONS & SYMBOLS	S-1
OWNERSHIP RECORD SHEET	ORS-1
VICINITY MAP SHEET	VM-1
PLAN SHEET	P-1 TO P-5
MONUMENTATION SURVEY	MS-1
TOTAL SHEETS	10

APPROVED IN ACCORDANCE WITH
ARIZONA DEPARTMENT OF TRANSPORTATION BOARD
RESOLUTION 2004-03-A-011 DATED 03-19-04

Click here for SR 87 Index

...\DGN\87RW201.COVER

GMTS 8828 NORTH CENTRAL AVENUE SUITE 202 PHOENIX, ARIZONA 85020 204001

REGISTERED LAND SURVEYOR CERTIFICATE NO. 18222 DAVID SHANE Date Signed 7-10-06 ARIZONA, U.S.A.

OWNERSHIP RECORD

PARCEL NUMBER	OWNER	DESCRIPTION OF AREA REQUIRED	TOTAL AREA	AREA REQUIRED: GROSS (INCLUDING EXISTING R/W)	AREA REQUIRED: NET (EXCLUDING EXISTING R/W)	AREA REQUIRED: NEW EASEMENTS	REMAINDER: LEFT	REMAINDER: RIGHT	SHEET NO.	ACQUISITION RECORD: INSTRUMENT TYPE	ACQUISITION RECORD: INSTRUMENT DATE	ACQUISITION RECORD: RECORDED DATE	ACQUISITION RECORD: RECORDED DOCUMENT
7-10260	U.S.A. (TONTO NATIONAL FOREST)	PT. SEC 27 T.4N. R.8E.		(1) 3,216,729	(2) 346,125								
		PT. SEC 33 T.4N. R.8E.		2,858,276	312,908								
		PT. SEC 34 T.4N. R.8E.		(1) 1,061,552	(2) 255,692								

ALL AREAS ARE IN SQUARE FEET UNLESS OTHERWISE NOTED

Click here for SR 87 Index

(1) EXISTING ROW AREAS DETERMINED GRAPHICALLY. SECTION LINES ARE PROTRACTED.

(2) NEW ROW AREAS FOR SECTION 27 & 34 ARE ESTIMATED AND SECTION LINES ARE PROTRACTED. COMBINED AREAS FOR SECTION 27 & 34 ARE CALCULATED.

...\07RW201.OWNERSHIP01

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

DRAWING NO.	D-07-T-957
SURVEY	
DRAWN/DATE	SNS/Mar 04
ADOT REVIEW	J. Sharpe

GMTS 8828 NORTH CENTRAL AVENUE SUITE 202 PHOENIX, ARIZONA 85020 204001

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

HIGHWAY NAME: MESA - PAYSON

FEDERAL IDENTIFICATION NO.: S 087-B-700

TRACS NO. 087 MA 201 H6219 01R

ROUTE NO.: S.R. 87

SECTION NAME: MP 201-MP 202

REGISTERED LAND SURVEYOR CERTIFICATE NO. 18222 DAVID SHANE Date Signed 6-25-04 ARIZONA U.S.A.

SHEET OF

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
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	Q.C.D.
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	S.W.D.
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	W.D.

Boundary Lines
- City Limit Line
- County Line
- Forest-City Limit Line
- Forest-Reservation Line
- 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 Grant Boundary Line
- 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

Data Hex

Data Square

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

North Arrow

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

Found or Set Quarter Corner (4-3)

Found or Set Center Quarter Corner (3)

Unfound Section Corner (31 | 32 / 6 | 5)

Unfound Quarter Corner (4 / 9)

Unfound Center Quarter Corner (3)

Mile Post Marker (MP 1 / 5)

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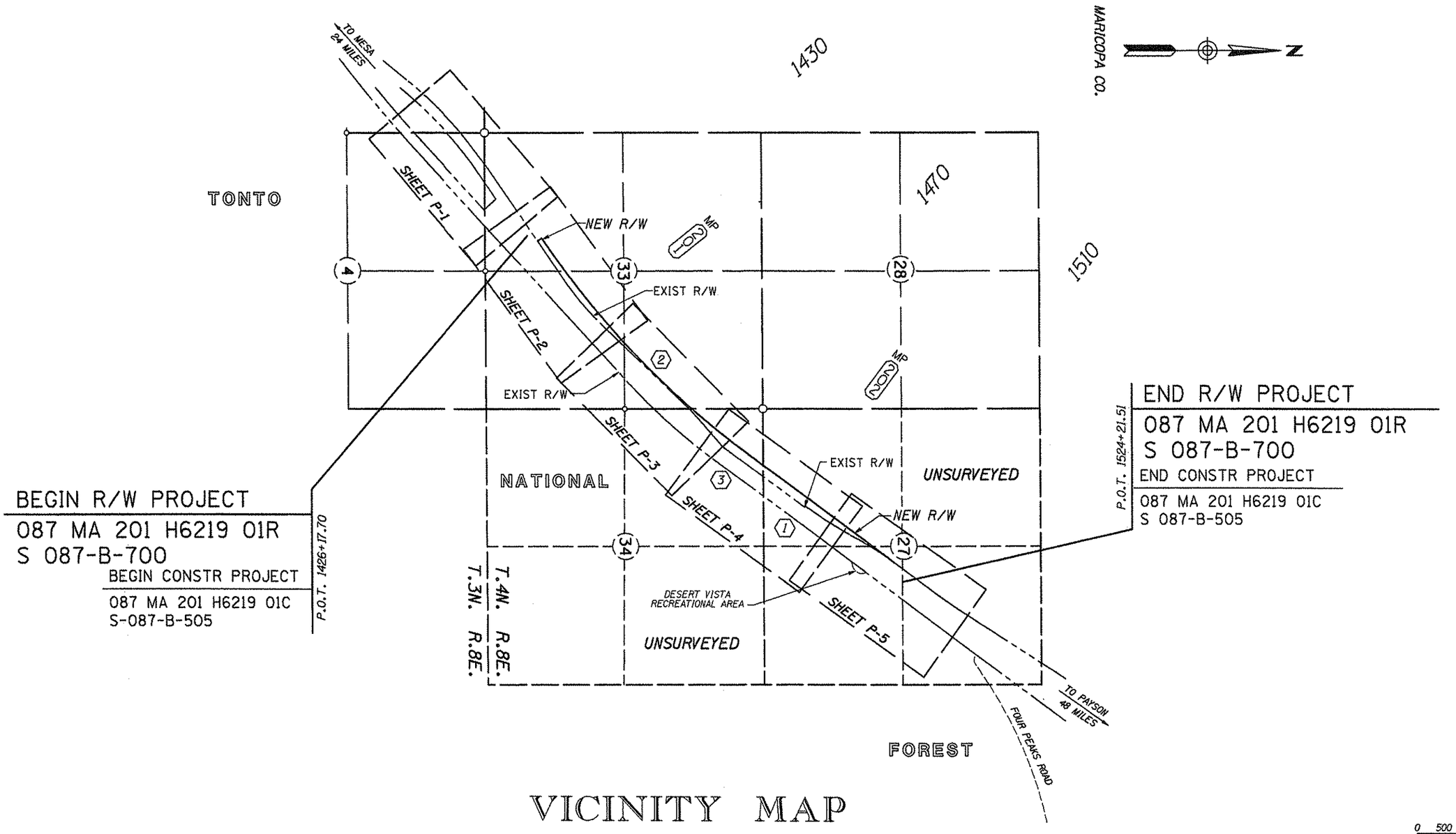
...\87RW201,STANDARDS

DRAWING NO.	D-07-T-957	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION	
SURVEY		HIGHWAY NAME: MESA - PAYSON	
DRAWN/DATE	SNS/Mar 04	FEDERAL IDENTIFICATION NO.: S 087-B-700	
ADOT REVIEW	J. Sharpe	TRACS NO. 087 MA 201 H6219 01R	
GMTS	8828 NORTH CENTRAL AVENUE SUITE 202 PHOENIX, ARIZONA 85020 204001		
ROUTE NO.: S.R. 87	SECTION NAME: MP 201-MP 202		SHEET S-1

REGISTERED LAND SURVEYOR CERTIFICATE NO. 18222 DAVID SHANE Date Signed 6-25-07 ARIZONA, U.S.A.

Click here for SR 87 Index



VICINITY MAP

0 500 1000
Scale

...\87RW201.VICINITY01

INDEX TO EXISTING ADOT R/W

(#) ID.	LOCATION	SEC.	T.	R.	ACQ. FROM	TYPE	BK./DKT.	PAGE	WIDTH	YEAR	PARCEL NO.
1	PT. S2 & NE4	27	4N	8E	U.S.A. (TONTO NATIONAL FOREST)	HED	95-359794	---	VARIES	1995	7-7846
2	PT. S2 & NE4	33	4N	8E		HED	12831	829	VARIES	1978	7-687/687A
3	PT. NW4	34	4N	8E		HED	95-359794	---	VARIES	1995	7-7846

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

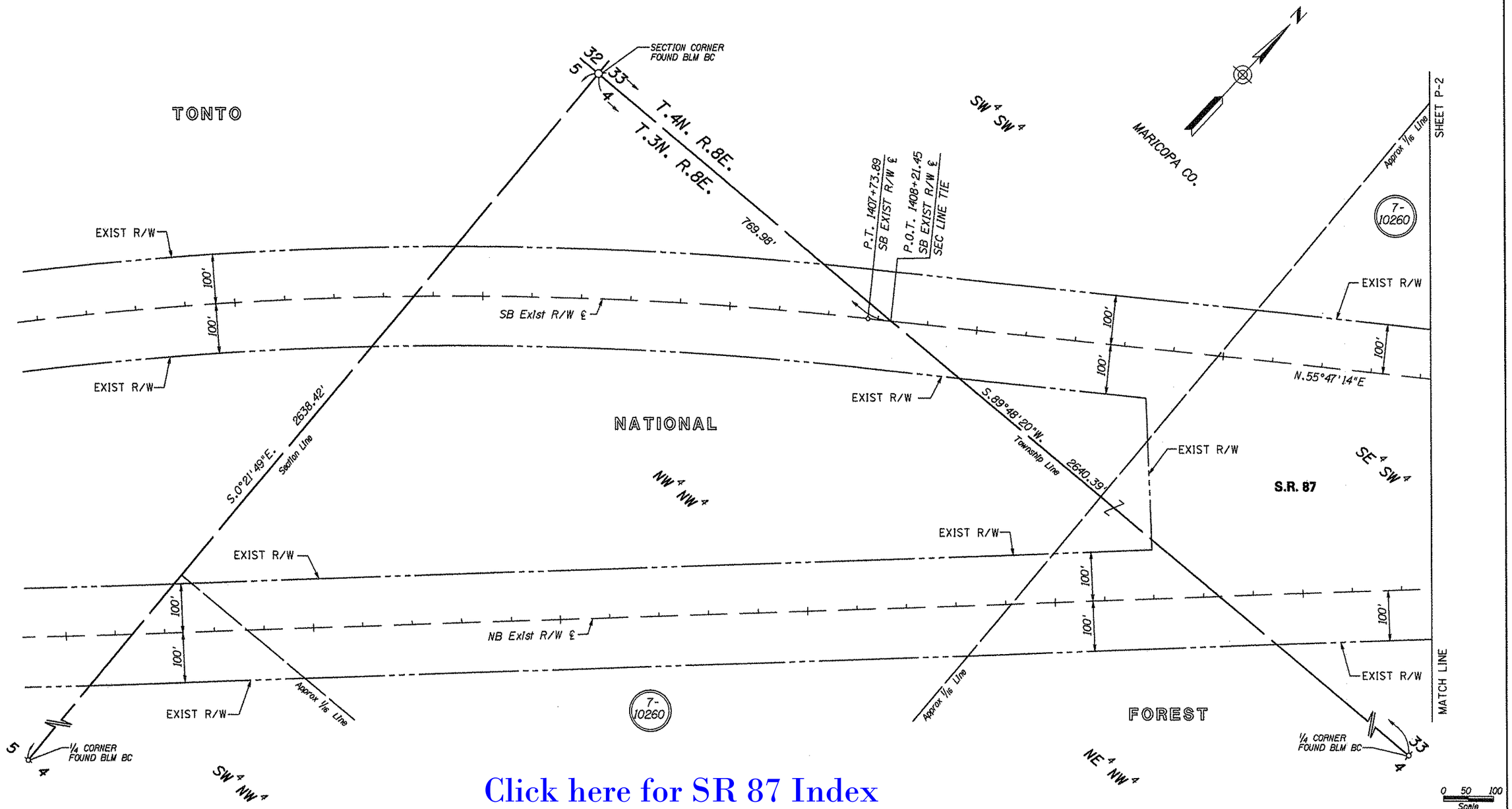
DRAWING NO.	D-07-T-957
SURVEY	
DRAWN/DATE	SNS/Mar 04
ADOT REVIEW	J. Sharpe
GMTS	8828 NORTH CENTRAL AVENUE SUITE 202 PHOENIX, ARIZONA 85020 204001
ROUTE NO.:	S.R. 87
SECTION NAME:	MP 201-MP 202

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

HIGHWAY NAME: MESA - PAYSON
FEDERAL IDENTIFICATION NO.: S 087-B-700
TRACS NO. 087 MA 201 H6219 01R

REGISTERED LAND SURVEYOR CERTIFICATE NO. 18222 DAVID SHANE Date Signed 6-26-05 ARIZONA, U.S.A.

SHEET VM-1



Click here for SR 87 Index

PLANS ARE DEVELOPED FROM RESULTS OF SURVEY BY AMEC INFRASTRUCTURE, PROJECT NO. S 087-B-800, TRACS NO. 087 MA 193 H5211 01R, DRAWING NO. D-07-T-955

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

DRAWING NO.	D-07-T-957
SURVEY	SEE NOTE
DRAWN/DATE	SNS/Mar 04
ADOT REVIEW	J. Sharpe
GMTS	8828 NORTH CENTRAL AVENUE SUITE 202 PHOENIX, ARIZONA 85020 204001
ROUTE NO.: S.R. 87	SECTION NAME: MP 201-MP 202

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

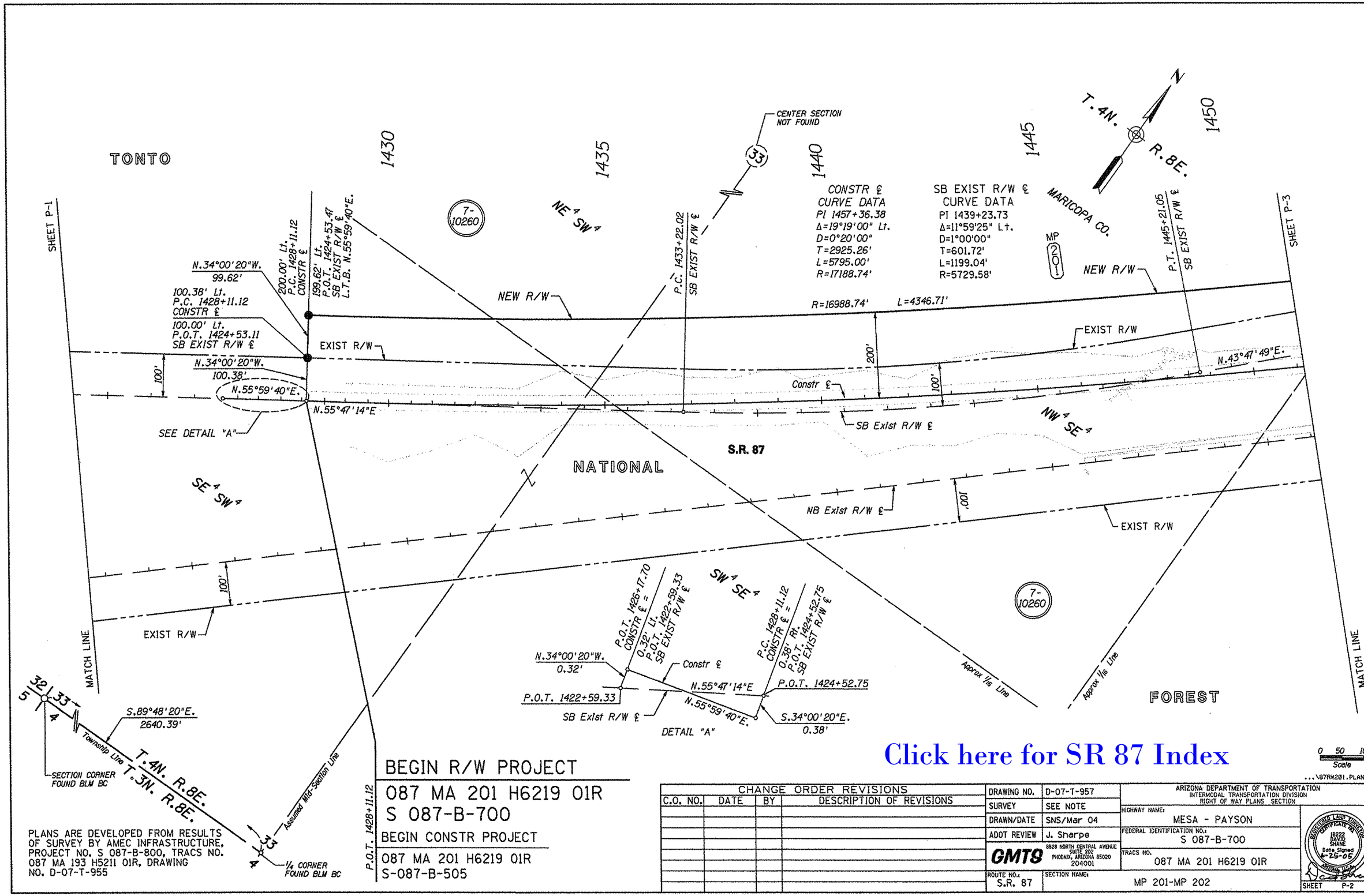
HIGHWAY NAME: MESA - PAYSON

FEDERAL IDENTIFICATION NO.: S 087-B-700

TRACS NO. 087 MA 201 H6219 01R

REGISTERED LAND SURVEYOR CERTIFICATE NO. 18222 DAVID SHANE Date Signed 6-25-05 ARIZONA, U.S.A.

SHEET P-1



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PLANS ARE DEVELOPED FROM RESULTS OF SURVEY BY AMEC INFRASTRUCTURE, PROJECT NO. S 087-B-800, TRACS NO. 087 MA 193 H5211 01R, DRAWING NO. D-07-T-955

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

BEGIN CONSTR PROJECT
087 MA 201 H6219 01R
S-087-B-505

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

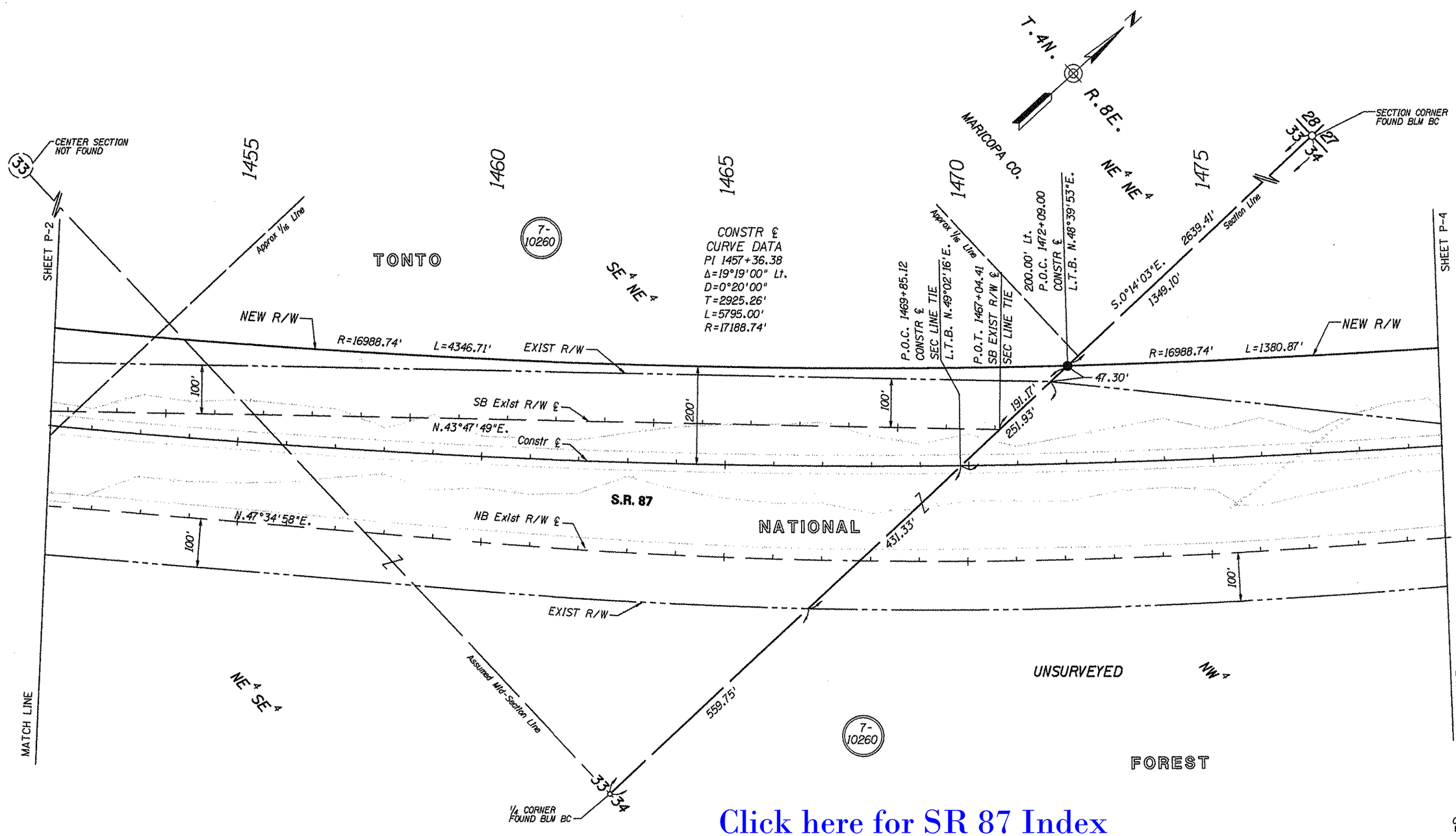
DRAWING NO.	D-07-T-957
SURVEY	SEE NOTE
DRAWN/DATE	SNS/Mar 04
ADOT REVIEW	J. Sharpe
GMTS	8828 NORTH CENTRAL AVENUE SUITE 202 PHOENIX, ARIZONA 85020 204001
ROUTE NO.: S.R. 87	SECTION NAME: MP 201-MP 202

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

HIGHWAY NAME: MESA - PAYSON
FEDERAL IDENTIFICATION NO.: S 087-B-700
TRACS NO. 087 MA 201 H6219 01R

REGISTERED LAND SURVEYOR CERTIFICATE NO. 18222 DAVID SHANE Date Signed 6-25-05 ARIZONA, U.S.A.

SHEET P-2



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...\67RW201.PLAN03

PLANS ARE DEVELOPED FROM RESULTS OF SURVEY BY AMEC INFRASTRUCTURE, PROJECT NO. S 087-B-800, TRACS NO. 087 MA 193 H5211 01R, DRAWING NO. D-07-T-955

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

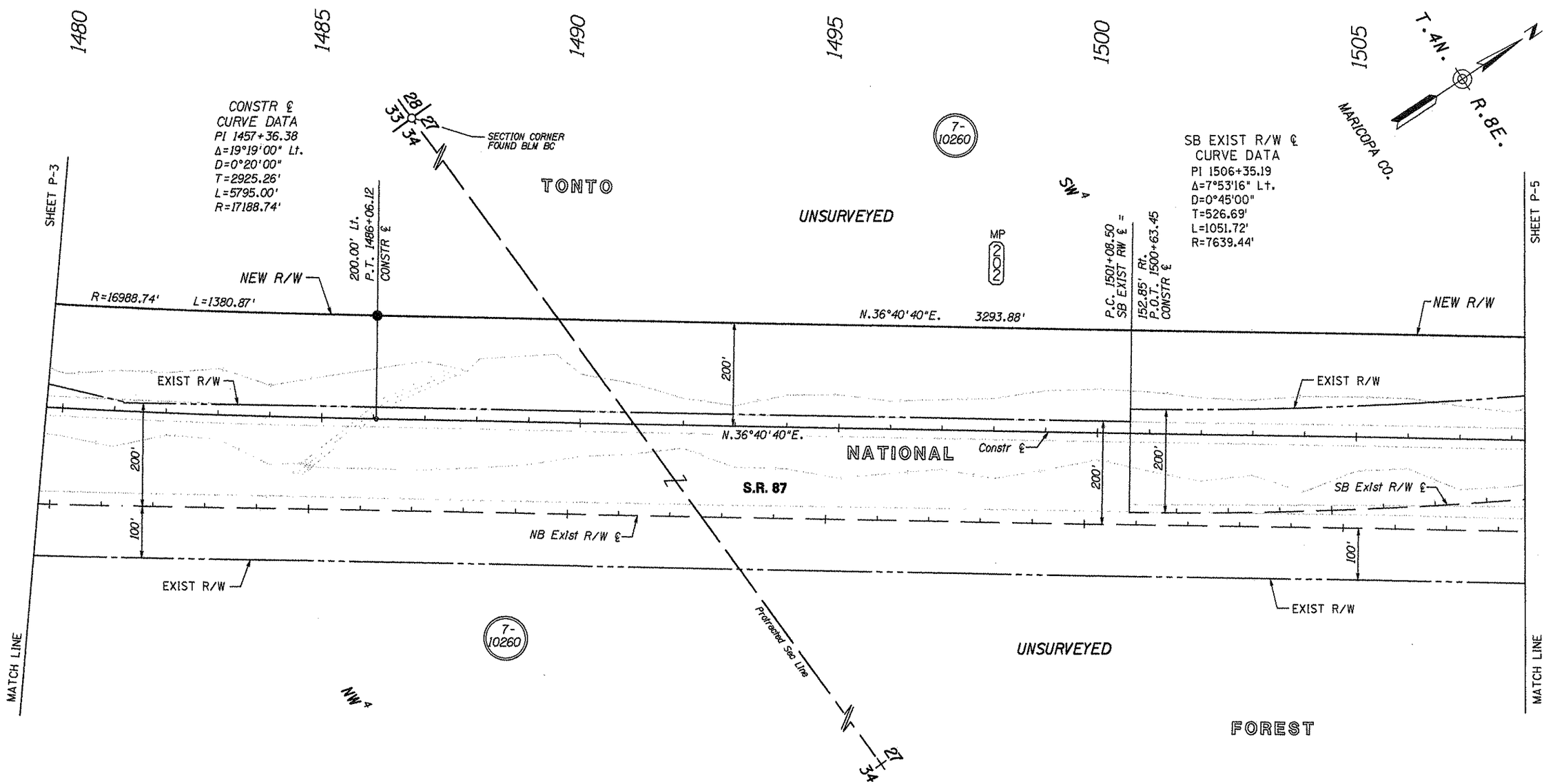
DRAWING NO.	D-07-T-957
SURVEY	SEE NOTE
DRAWN/DATE	SNS/Mar 04
ADOT REVIEW	J. Sharpe
GMTS 8828 NORTH CENTRAL AVENUE SUITE 202 PHOENIX, ARIZONA 85020 204001	
ROUTE NO.: S.R. 87	SECTION NAME: MP 201-MP 202

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

HIGHWAY NAME: MESA - PAYSON
FEDERAL IDENTIFICATION NO.: S 087-B-700
TRACS NO. 087 MA 201 H6219 01R

REGISTERED LAND SURVEYOR CERTIFICATE NO. 18225 DAVID SHANE Date Signed 6-25-05 ARIZONA, U.S.A.

SHEET P-3



Click here for SR 87 Index

PLANS ARE DEVELOPED FROM RESULTS OF SURVEY BY AMEC INFRASTRUCTURE, PROJECT NO. S 087-B-800, TRACS NO. 087 MA 193 H5211 01R, DRAWING NO. D-07-T-955

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

DRAWING NO.	D-07-T-957
SURVEY	SEE NOTE
DRAWN/DATE	SNS/Mar 04
ADOT REVIEW	J. Sharpe
GMTS 8828 NORTH CENTRAL AVENUE SUITE 202 PHOENIX, ARIZONA 85020 204001	
ROUTE NO.: S.R. 87	SECTION NAME: MP 201-MP 202

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

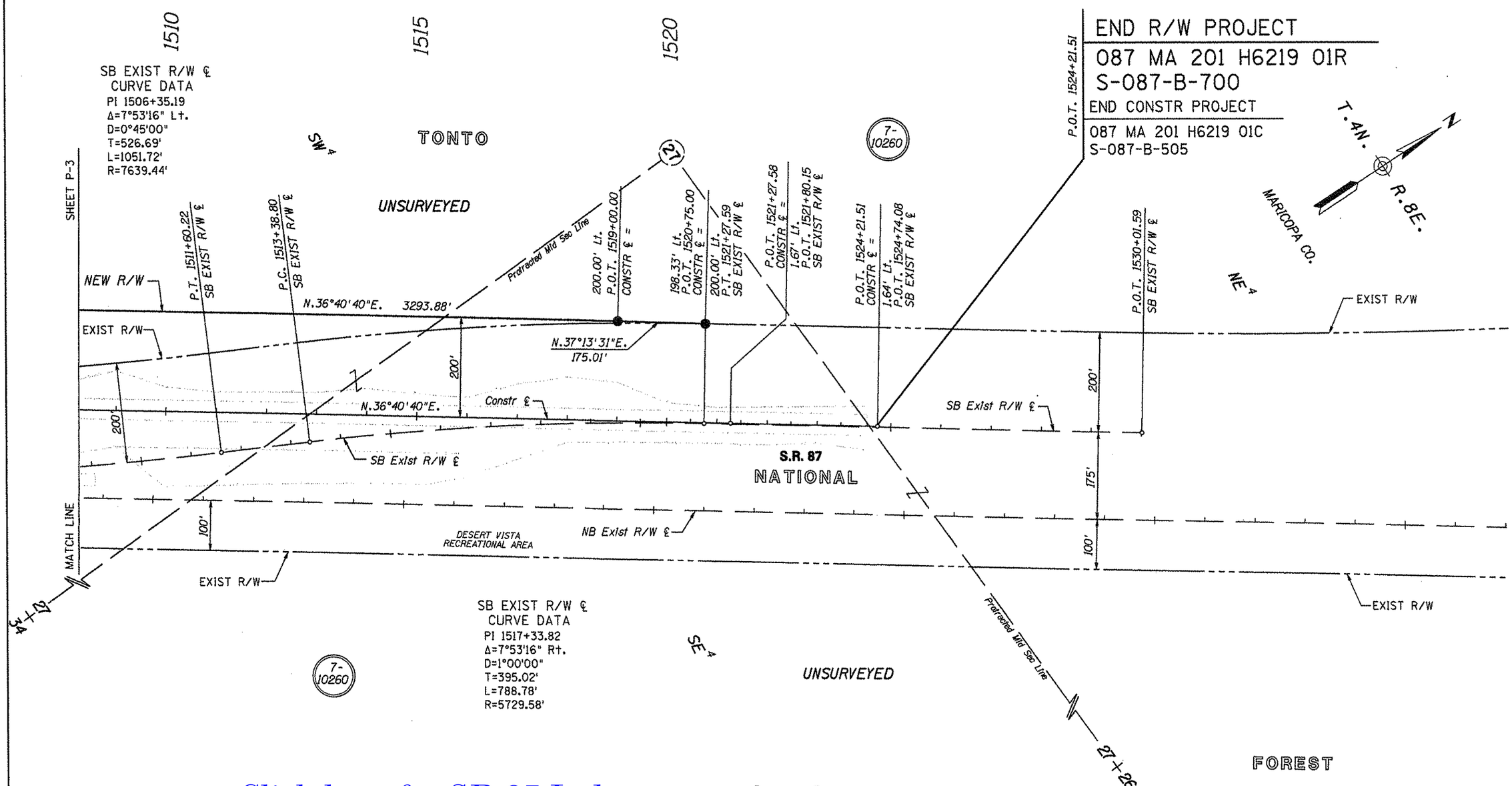
HIGHWAY NAME: MESA - PAYSON

FEDERAL IDENTIFICATION NO.: S 087-B-700

TRACS NO. 087 MA 201 H6219 01R

REGISTERED LAND SURVEYOR CERTIFICATE NO. 18222 DAVID SHANE Date Signed 6-25-04 ARIZONA U.S.A.

SHEET P-4



END R/W PROJECT
087 MA 201 H6219 01R
S-087-B-700
END CONSTR PROJECT
087 MA 201 H6219 01C
S-087-B-505

Click here for SR 87 Index

PLANS ARE DEVELOPED FROM RESULTS OF SURVEY BY AMEC INFRASTRUCTURE, PROJECT NO. S 087-B-800, TRACS NO. 087 MA 193 H5211 01R, DRAWING NO. D-07-T-955

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

DRAWING NO.	D-07-T-957
SURVEY	SEE NOTE
DRAWN/DATE	SNS/Mar 04
ADOT REVIEW	J. Sharpe
GMTS 8828 NORTH CENTRAL AVENUE SUITE 202 PHOENIX, ARIZONA 85020 204001	
ROUTE NO.: S.R. 87	SECTION NAME: MP 201-MP 202

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

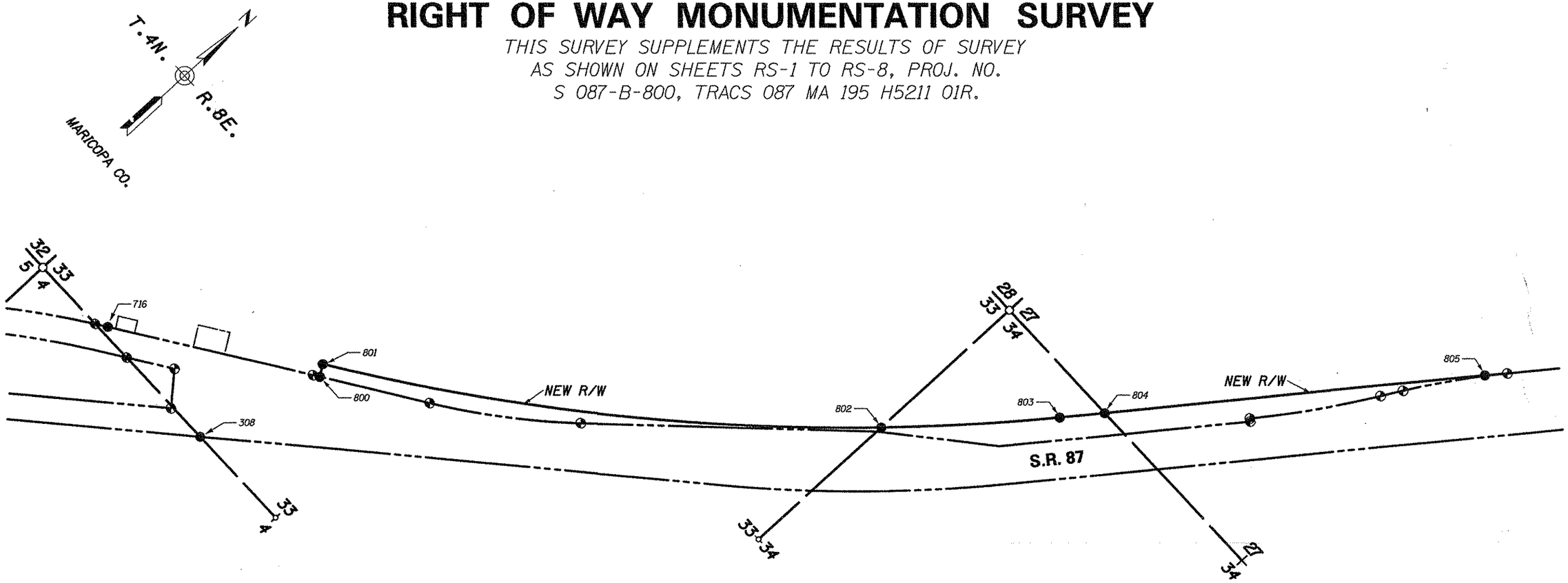
HIGHWAY NAME: MESA - PAYSON
FEDERAL IDENTIFICATION NO.: S 087-B-700
TRACS NO. 087 MA 201 H6219 01R

REGISTERED LAND SURVEYOR CERTIFICATE NO. 18222 DAVID SHANE Date Signed 6-25-05 ARIZONA U.S.A.

SHEET P-5

RIGHT OF WAY MONUMENTATION SURVEY

THIS SURVEY SUPPLEMENTS THE RESULTS OF SURVEY AS SHOWN ON SHEETS RS-1 TO RS-8, PROJ. NO. S 087-B-800, TRACS 087 MA 195 H5211 01R.



Click here for SR 87 Index

NEW R/W MONUMENTATION					
PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
308	960910.23389	814678.47114	Stamped ADOT Cap	1419+43.40	100.00 RT
716	960962.75179	813570.47229	Stamped ADOT Cap	1407+73.89	100.00 LT
800	961906.91941	814959.11086	Stamped ADOT Cap	1428+11.12	100.38 LT
801	961989.50216	814903.39638	Stamped ADOT Cap	1428+11.12	200.00 LT
802	964852.53341	818158.25954	Stamped ADOT Cap	1472+09.00	200.00 LT
803	965925.27429	819027.14242	Stamped ADOT Cap	1486+06.12	200.00 LT
804	966205.29775	819235.69631	Stamped ADOT Cap	1489+55.27	200.00 LT
805	968566.99097	820994.62141	Stamped ADOT Cap	1519+00.00	200.00 LT

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

0 200 400
Scale

$FILEABBREV$

LEGEND

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

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

DRAWING NO.	D-07-T-957
SURVEY	DEC. 2005
DRAWN/DATE	A. GRASS 12/05
ADOT REVIEW	J. KING
amec	
ROUTE NO.: S.R. 87	SECTION NAME: MP 201 - MP 202

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

HIGHWAY NAME: MESA - PAYSON
FEDERAL IDENTIFICATION NO.: S 087-B-700
TRACS NO. 087 MA 201 H6219 01R

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

SHEET MS-1