RIGHT OF WAY PLANS OF THE

AGUA FRIA FREEWAY

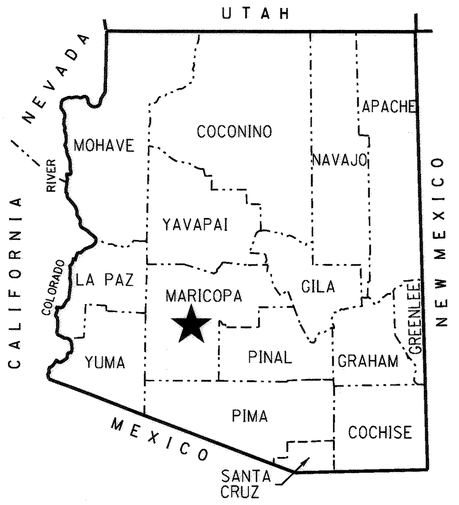
NOISE MITIGATION ON THE MAG REGIONAL FREEWAY SYSTEM

888 MA 000 H7525 01R

ARIZONA DEPARTMENT OF TRANSPORTATION

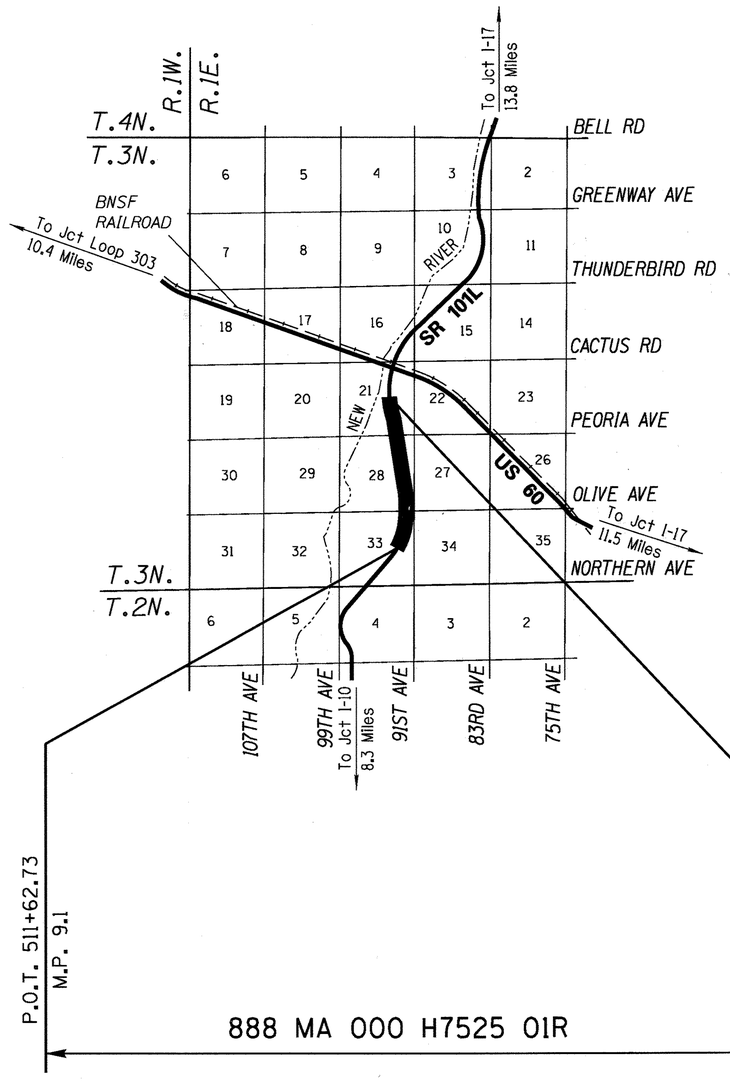
INTERMODAL TRANSPORTATION DIVISION

ADOT



★ PROJECT LOCATION

COUNTY NAME: MARICOPA
LENGTH OF PROJECT: 1.6 MILES
ADOT DISTRICT: PHOENIX (E)
DRAWING NUMBER: D-7-T-1004



Click here for SR 101 Index

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APPROVED IN ACCORDANCE WITH
ARIZONA DEPARTMENT OF TRANSPORTATION BOARD
RESOLUTION 2009-12-A-080 DATED 12/18/09
RESOLUTION 2011-01-A-002 DATED 01/21/11
RESOLUTION 2011-02-A-011 DATED 02/18/11

...\1102-DGN\101RW009_CVR.DGN

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
38862
RONNIE E. DORSEY
ARIZONA, U.S.A.
EXPIRES 3/31/15

Stanley Consultants INC.
A Stanley Group Company
Engineering, Environmental and Construction Services - Worldwide

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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

Break Line

Data Circle (1)

Data Hex (1)

Data Square [1]

Dimension Arrow

Dimension Tie

Exist. ADOT R/W Monument

New R/W Monument or R/W control point

Centerline Control or Supplemental Monument

Property Anchor Bar

Property-Lease & Unpatented Mining Claim Anchor Bar

Property Limit Arrow

Property-Lease & Unpatented Mining Claim Limit Arrow

Parcel Bubble (7-8858)

Survey 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

4 o 3 — 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

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

Click here for SR 101 Index

...\1102-DGN\101RW009_STD.DGN

DRAWING NO.	D-7-T-1004	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION	
SURVEY	SEE ATTACHED	HIGHWAY NAME: AGUA FRIA FREEWAY	
DRAWN/DATE	RES/FEB 2010	FEDERAL AID NO.: Unassigned	
ADOT REVIEW	P. Sowers	PROJECT NO.: 888 MA 000 H7525 01R	
Stanley Consultants INC. A Stanley Group Company Engineering Environmental and Construction Services - Worldwide			
ROUTE NO.: SR 101	LOCATION: Noise Mitigation on the MAG Regional Freeway System		SHEET S-1

REGISTERED LAND SURVEYOR CERTIFICATE NO. 38862 RONNIE E. DORSEY Stanley Consultants ARIZONA, U.S.A. EXPIRES 3/31/11

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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
SOUND WALL NO. 6, SR101 AQUA FRIA FREEWAY	7-11187	SPRINGER RANCH HOMEOWNERS ASSOC.	TRACT "F", SPRINGER RANCH				TCE 33,029			P-1 TO P-2		
	7-11188	CANTERRA AT SPRINGER RANCH II HOMEOWNERS ASSOC.	TRACT "A", SPRINGER RANCH II	72,614		4,069	TCE 9,177	68,545		P-1	WD	20100826839
SOUND WALL NO. 11, SR303 BOB STUMP MEMORIAL PARKWAY (SEE R/W PLANS 303L MA 016 H7141 01R & 303L MA 020 H6896	7-11207	MARICOPA COUNTY	PORTION OF SE4 SEC. 18, T.4N. R.1W.	6,583,829		806	17,917	4,192,237	2,390,786	AA-1	SWD	20101013894
	7-11208	REC. CENTERS OF SUN CITY WEST INC.	TRACT 'A' SUN CITY WEST, UNIT 57				10,554			AA-1		
SOUND WALL NO. 7, SR101 AQUA FRIA FREEWAY (SEE R/W PLANS 600-0-702) (1)	7-11209	PEORIA UNIFIED SCHOOL DISTRICT NO. 11	PORTION OF SE4 SEC. 33, T.3N. R.1E.									
SOUND WALL NO. 8, SR101 PRICE FREEWAY (SEE R/W PLANS 600-1-702 & 600-1-703) (1)	7-11215	MCCORMICK RANCH PROPERTY ASSOC. INC.	PORTION OF SW4 SEC. 30, T.3N. R.5E.									
SOUND WALL NO. 9, SR101 PRICE FREEWAY (SEE R/W PLANS 600-1-703) (1)	7-11216	ASTORIA COMMUNITY ASSOC. INC.	PORTION OF SE4 SEC. 13, T.3N. R.4E.									
	7-11217	GREENSTONE OWNERS ASSOC.	TRACTS 'A', 'B', 'C' & 'D' REPLAT OF GREENSTONE									
	7-11352	CITY OF SCOTTSDALE	PORTION OF E2 SEC. 13, T.3N. R.4E.									

NOTE: ALL SOUND WALLS NOTED ABOVE ARE BEING CONSTRUCTED FOR CONSTRUCTION PROJECT 888 MA 000 H7525 01C.

ALL AREAS ARE IN SQUARE FEET UNLESS OTHERWISE NOTED

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(1) NO NEW ACQUISITION SOUND WALL CONSTRUCTED UNDER NEW SOUND WALL AGREEMENT.

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CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
9831	1-31-13	RED	ADDED ACQUISITION DOCUMENTS.

DRAWING NO.	D-7-T-1004
SURVEY	MAR 2013
DRAWN/DATE	RES/APR 2013
ADOT REVIEW	M. Mayes

Stanley Consultants INC. — A Stanley Group Company

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

HIGHWAY NAME: AGUA FRIA FREEWAY
FEDERAL AID NO.: Unassigned
PROJECT NO.: 888 MA 000 H7525 01R
ROUTE NO.: SR 101
LOCATION: Noise Mitigation on the MAG Regional Freeway System

REGISTERED LAND SURVEYOR — CERTIFICATE NO. 38662 — RONNIE E. DORSEY — 5/9/13 — ARIZONA U.S.A. — EXPIRES 9/30/13

SHEET ORS-1

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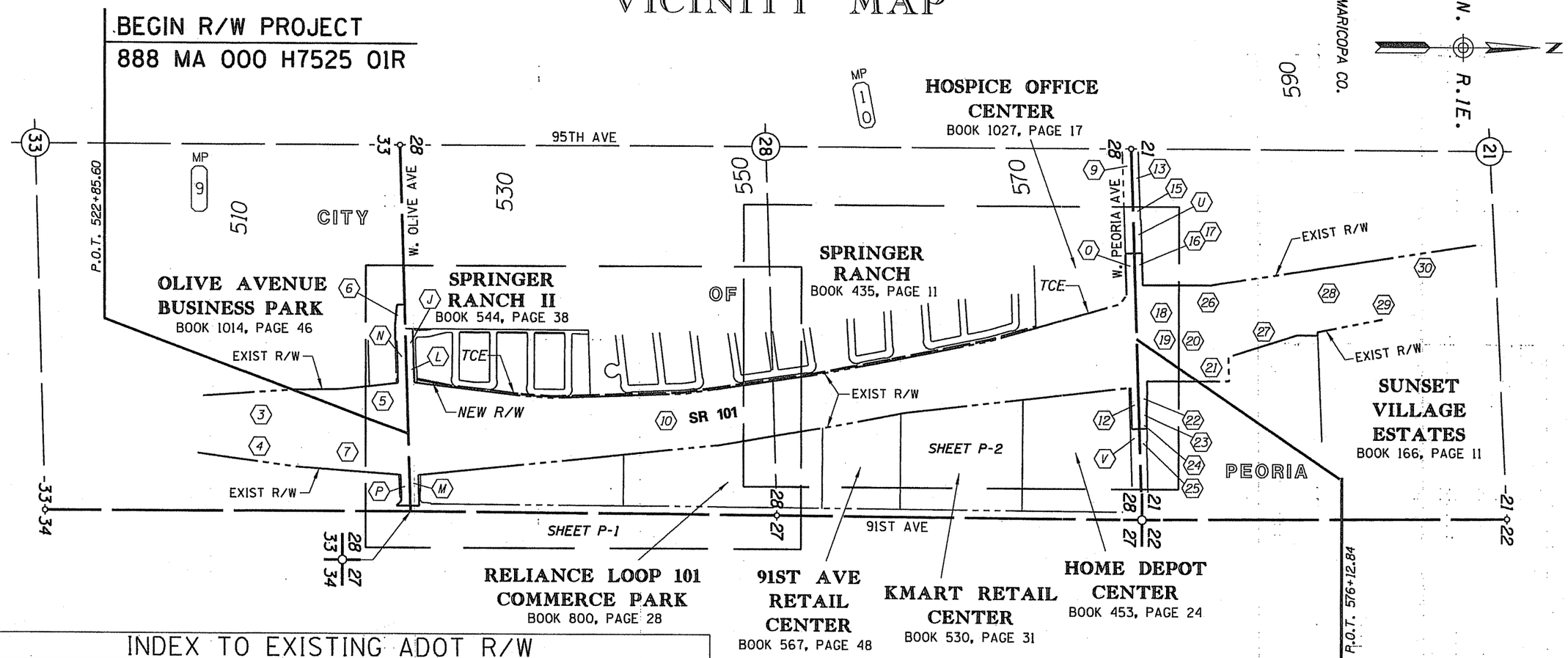
VICINITY MAP



INDEX TO EXISTING ADOT R/W

(#) ID.	LOCATION	SEC.	T.	R.	ACQ. FROM	TYPE	BK./DKT.	PAGE	WIDTH	YEAR	PARCEL NO.
3	NE4	33	3N	1E	SURAYA HOLDING	WD	88-009682	--	VARIES	1987	7-4039
4	NE4	33	3N	1E	OUTER LOOP ASSOC.	FOC	88-435291	--	VARIES	1988	7-4275
5	NE4	33	3N	1E	SUNBELT REALTY ACQ.	WD	86-718820	--	VARIES	1986	7-4247
6	NE4	33	3N	1E	MARVIN G. SMITH	WD	86-494070	--	VARIES	1986	7-4171
7	NE4	33	3N	1E	CENTENNIAL DEV. FUND	FOC	87-390442	--	VARIES	1987	7-4040
9	NE4	28	3N	1E	MAX A. SPRINGER	ESMT	4073	366	7'	1962	---
10	SE4	28	3N	1E	CLARA E. SPRINGER	WD	86-395184	--	VARIES	1986	7-4041
12	NE4	28	3N	1E	JEAN B. BURNETT	ESMT	4280	252	17'	1962	---
13	SE4	21	3N	1E	REX M. WILDE	WD	86-623930	--	5'	1986	7-4172
15	SE4	21	3N	1E	RAYMOND PERLMAN	WD	86-456283	--	5'	1986	7-4050
16	SE4	21	3N	1E	R.F.D.C.O. -	WD	86-531183	--	5'	1986	7-4049
17	SE4	21	3N	1E	BRODERSON ENTERPRISES	WD	86-531184	--	5'	1986	7-4049
18	SE4	21	3N	1E	BRODERSON ENTERPRISES	WD	86-203754	--	VARIES	1986	7-3952
19	SE4	21	3N	1E	SERAPIO V. TERRONES	WD	86-119484	--	VARIES	1986	7-3953
20	SE4	21	3N	1E	JOHN ROBERT THOMPSON	WD	86-180104	--	VARIES	1986	7-3954
21	SE4	21	3N	1E	JAMES L. MASON	WD	86-180061	--	VARIES	1986	7-3955
22	SE4	21	3N	1E	EDGARDO M. AGUINALDO	WD	86-346383	--	15'	1986	7-4042
23	SE4	21	3N	1E	ROY W. JONES	WD	86-346397	--	VARIES	1986	7-4043
24	SE4	21	3N	1E	J & W INVESTMENTS ETAL	FOC	87-546136	--	VARIES	1987	7-4044
25	SE4	21	3N	1E	WEST VALLEY INVESTMENTS	WD	86-562399	--	5'	1986	7-4173
26	SE4	21	3N	1E	ESTATE LEO J. WIECK ETAL	FOC	89-007124	--	VARIES	1989	7-3956
27	SE4	21	3N	1E	EL SAN JUAN MOBILE HOMES	FOC	88-550269	--	VARIES	1988	7-4045
28	SE4	21	3N	1E	SILVER SPUR RANCH ETAL	FOC	88-435290	--	VARIES	1988	7-4046
29	SE4	21	3N	1E	OLVIN CUTRIGHT	FOC	87-729138	--	VARIES	1987	7-4047
30	SE4	21	3N	1E	PEORIA ESTATES	FOC	88-267276	--	VARIES	1988	7-3828

(#) REFERS TO ITEM NUMBER IN EXISTING R/W REPORT DATED OCTOBER 21, 2009

INDEX TO EXISTING CITY/COUNTY R/W

(#) ID.	LOCATION	SEC.	T.	R.	ACQ. FROM	TYPE	BK./DKT.	PAGE	WIDTH	YEAR
J	SE4	28	3N	1E	CANTERRA CONTRACTING	DED	544	38	10'	2000
L	SE4	28	3N	1E	CANTERRA SPRINGER RANCH	WD	2009-1108137	--	VARIES	2009
M	SE4	28	3N	1E	QUIKTRIP	WD	2008-0947549	--	VARIES	2008
N	NE4	33	3N	1E	PEORIA COMMERCE	WD	2009-1013457	--	10'	2009
O	NE4	28	3N	1E	LDR - PEORIA LOOP 101 LLC	DED	09-0346340	--	VARIES	2009
P	NE4	33	3N	1E	JADE II ENTERPRISES	WD	2009-0877083	--	VARIES	2009
U	SE4	21	3N	1E	PEORIA UNIFIED SCHOOL	DED	06-0589218	--	10	2006
V	NE4	28	3N	1E	HOME DEPOT USA INC.	DED	97-0770351	--	VARIES	1997

(#) REFERS TO ITEM NUMBER IN EXISTING R/W REPORT DATED OCTOBER 21, 2009

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Scale

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CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-7-T-1004
SURVEY	SEE ATTACHED
DRAWN/DATE	RES/FEB 2010
ADOT REVIEW	P. Sowers

Stanley Consultants INC. — A Stanley Group Company — Engineering, Environmental and Construction Services — Worldwide

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

HIGHWAY NAME:	AGUA FRIA FREEWAY
FEDERAL AID NO.:	Unassigned
PROJECT NO.:	888 MA 000 H7525 01R
ROUTE NO.:	SR 101
LOCATION:	Noise Mitigation on the MAG Regional Freeway System

REGISTERED PROFESSIONAL ENGINEER — 38862 — RONNIE E. DORSEY — ARIZONA, U.S.A. — EXPIRES 9-30-11

SHEET VM-1

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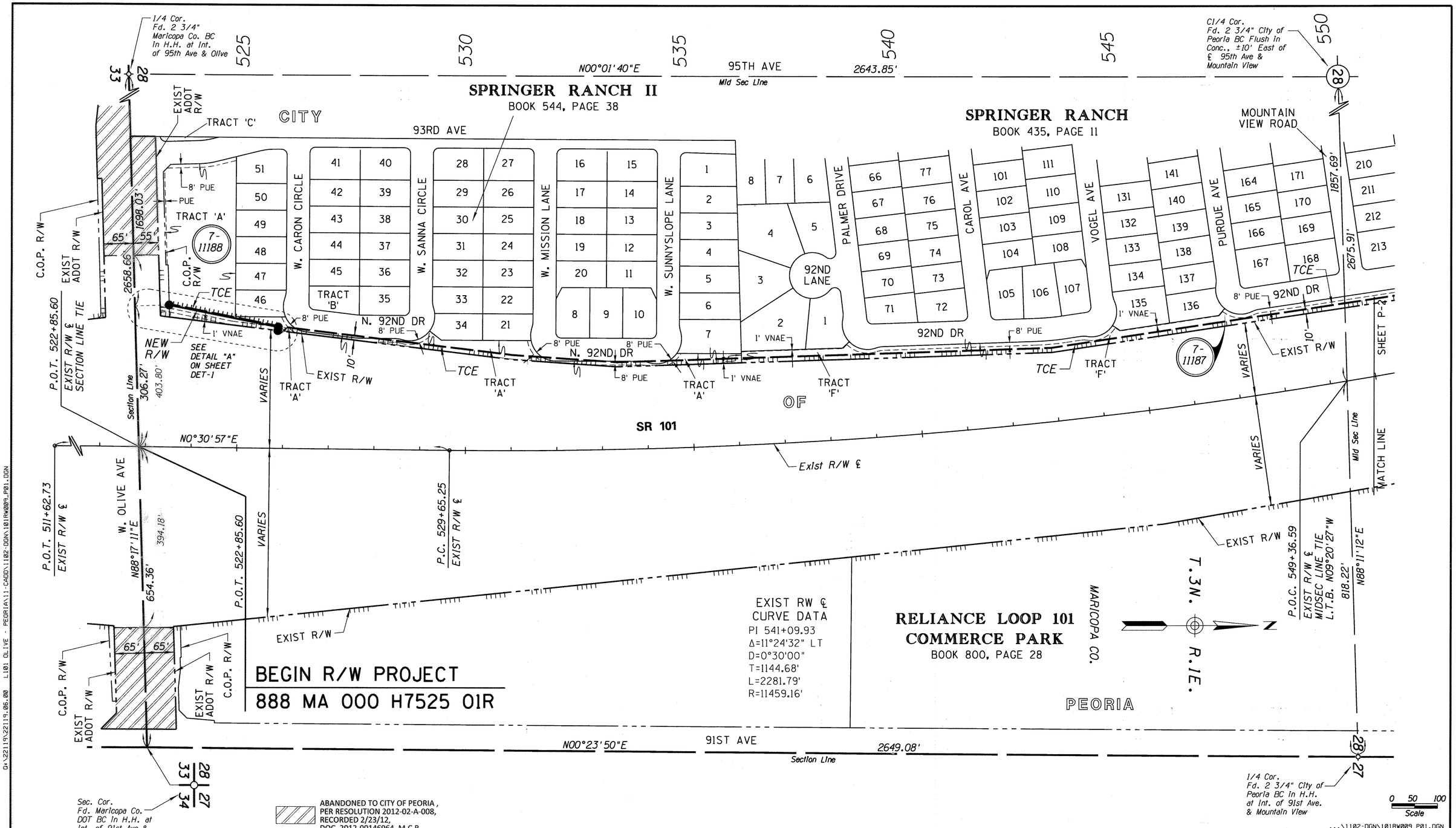

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
PM-16-63	1-4-17	TSS	Added Aband. Per Res. 2012-02-A-008.

DRAWING NO.	D-7-T-1004
SURVEY	SEE ATTACHED
DRAWN/DATE	RES/FEB 2010
ADOT REVIEW	P. Sowers

Stanley Consultants INC. A Stanley Group Company Engineering, Environmental and Construction Services - Worldwide

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

HIGHWAY NAME: AGUA FRIA FREEWAY

FEDERAL AID NO.: Unassigned

PROJECT NO.: 888 MA 000 H7525 01R

ROUTE NO.: SR 101

LOCATION: Noise Mitigation on the MAG Regional Freeway System

REGISTERED LAND SURVEYOR CERTIFICATE NO. 38862 RONNIE E. DORSEY Date Signed 3-3-11 ARIZONA, U.S.A. EXPIRES 3/31/12

SHEET P-1

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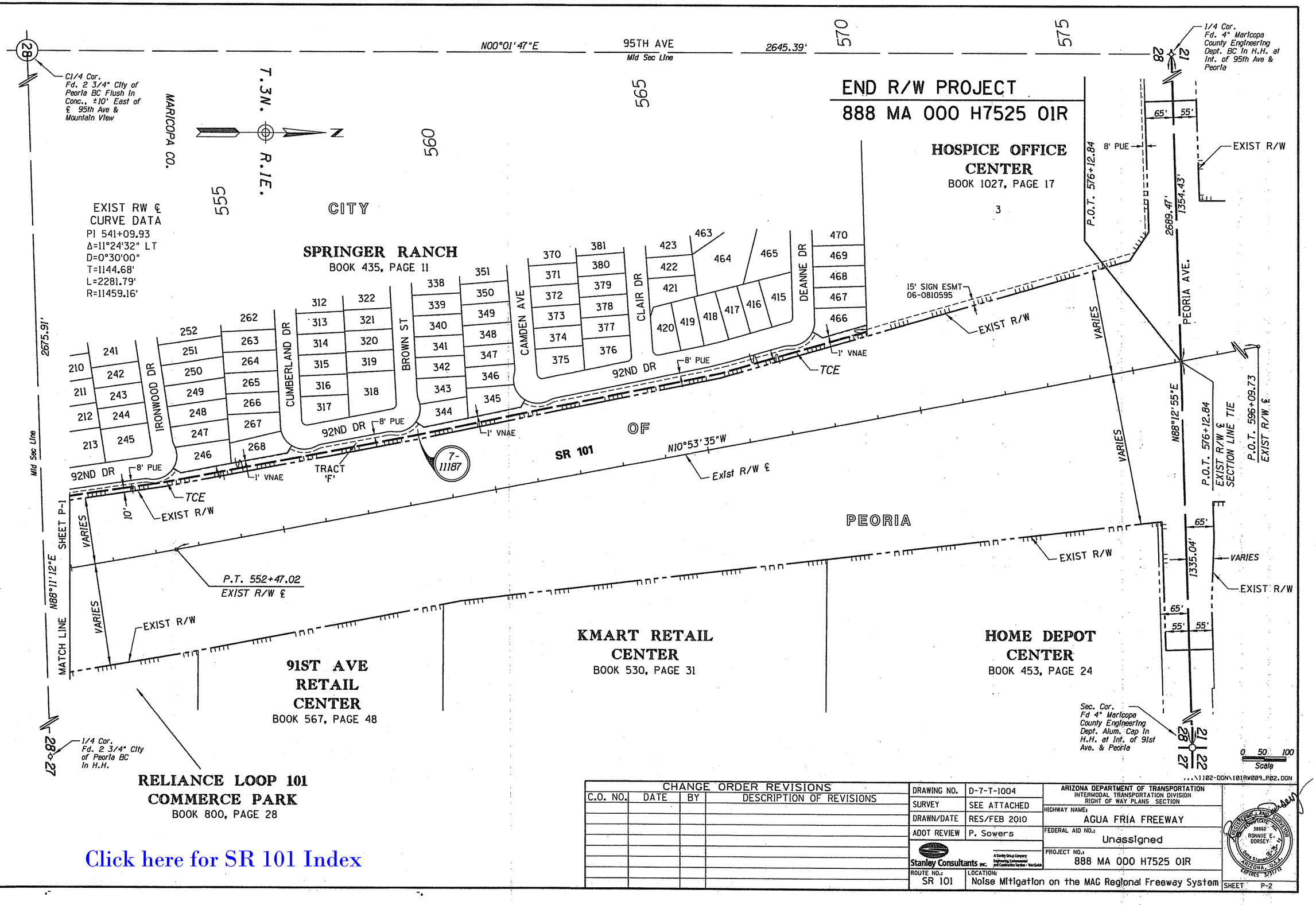

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CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-7-T-1004
SURVEY	SEE ATTACHED
DRAWN/DATE	RES/FEB 2010
ADOT REVIEW	P. Sowers

Stanley Consultants INC. — A Stanley Group Company — Engineering, Environmental and Construction Services - Worldwide

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

HIGHWAY NAME:	AGUA FRIA FREEWAY
FEDERAL AID NO.:	Unassigned
PROJECT NO.:	888 MA 000 H7525 01R
ROUTE NO.:	SR 101
LOCATION:	Noise Mitigation on the MAG Regional Freeway System

REGISTERED LAND SURVEYOR — CERTIFICATE NO. 38862 — RONNIE E. DORSEY — Date Signed 3/3/11 — ARIZONA, U.S.A. — EXPIRES 3/31/12

SHEET P-2

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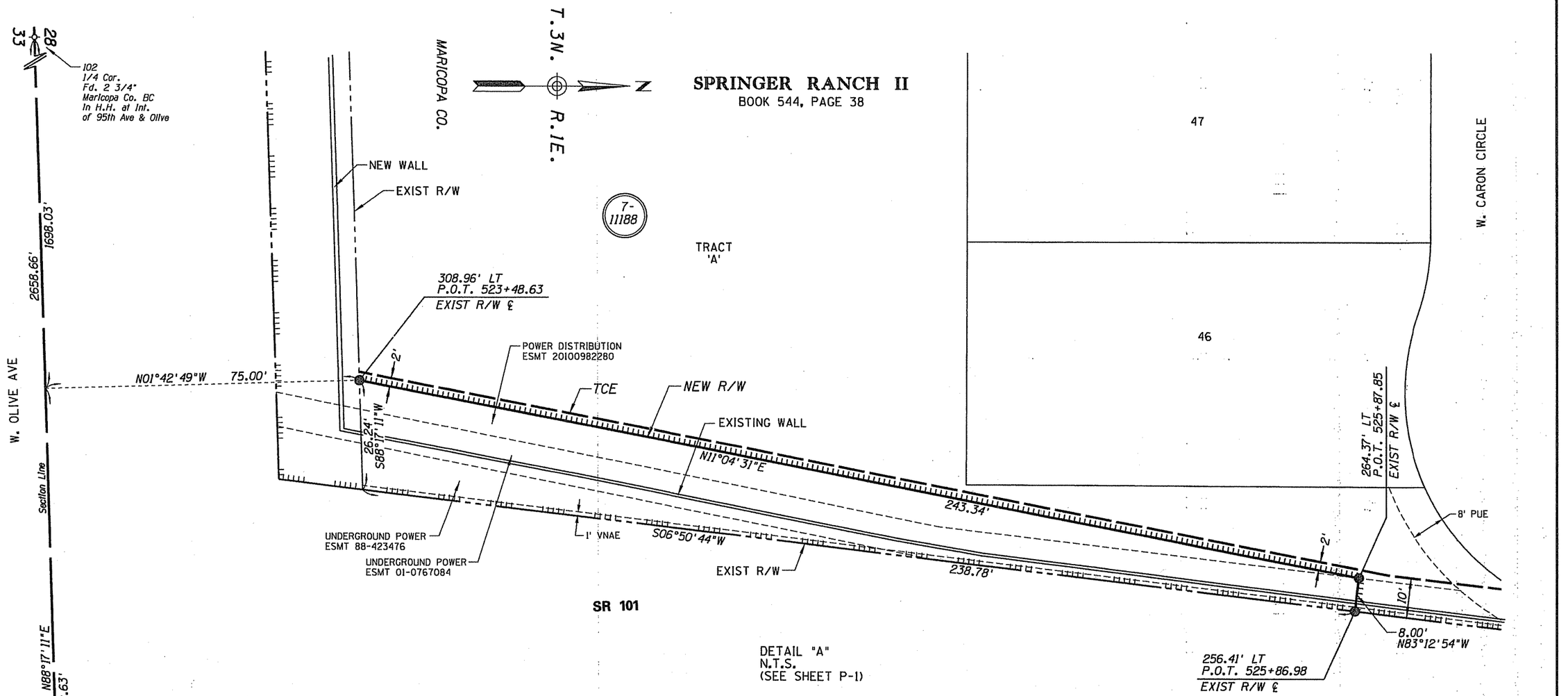

DETAIL "A"
N.T.S.
(SEE SHEET P-1)

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

DRAWING NO.	D-7-T-1004
SURVEY	SEE ATTACHED
DRAWN/DATE	RES/FEB 2010
ADOT REVIEW	P. Sowers

Stanley Consultants INC. — A Stanley Group Company Engineering, Environmental and Construction Services - Worldwide

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

HIGHWAY NAME: AGUA FRIA FREEWAY
FEDERAL AID NO.: Unassigned
PROJECT NO.: 888 MA 000 H7525 01R
ROUTE NO.: SR 101
LOCATION: Noise Mitigation on the MAG Regional Freeway System

REGISTERED LAND SURVEYOR — CERTIFICATE NO. 38862 — RONNIE E. DORSEY — Date Signed 3-31-11 — ARIZONA, U.S.A. — EXPIRES 3/31/12

SHEET DET-1

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ADVANCE ACQUISITION DETAIL SHEET

OWNERSHIP RECORD										ACQUIRED	
NOTES	PARCEL NUMBER	OWNER	DESCRIPTION OF AREA REQUIRED	TOTAL AREA	AREA REQUIRED: GROSS (INCLUDING EXISTING R/W)	AREA REQUIRED: NET (EXCLUDING EXISTING R/W)	NEW EASEMENTS	REMAINDER: LEFT	REMAINDER: RIGHT	SHEET NO.	TYPE	DOCUMENT
	7-11207	Maricopa County	SE4 Sec. 18 T.4N. R.1W.	6,583,829		806	17,917	4,192,237	2,390,786			
	7-11208	Recreation Centers of Sun City West, Inc.	Tract A, Sun City West Unit 57				10,554					

NOTE: ALTHOUGH NOT ACTUALLY WITHIN THE PROJECT LIMITS OF THIS PARTICULAR FINAL RW PLANS PROJECT, A MAJORITY PORTION OF THE 303L RW CORRIDOR TRAVERSING SECTION 17, T4N, R1W WAS NEVER PROPERLY ACQUIRED (CORRECTLY RECORDED) BY MARICOPA COUNTY. AS SUCH, OFFICIAL TRANSFER OF THE RW FROM MCDOT TO ADOT NEVER TRANSPIRED. THIS PORTION OF THE RW CORRIDOR IS PRESENTLY ASSESSED AS TAX PARCEL 503-58-027D, OWNED BY DEL WEBB HOME CONSTRUCTION, INC. AND IS NOT CONCIDERED AS EXISTING ADOT RW. THIS IS EXPECTED TO BE REMEDIED UNDER AUSPICE OF FUTURE 303L RW PROJECT 303L MA 020 H6896 01R, M.P. 020 - HAPPY VALLEY PARKWAY, WHICH HAS NOT BEEN SCHEDULED TO DATE.

ALL AREAS ARE IN SQUARE FEET UNLESS OTHERWISE NOTED

NOTE: FOR EXISTING R/W AND OTHER SURVEY INFORMATION FOR LOOP 303 SEE RESULTS OF SURVEY BY URS, ADOT PROJECT NO. 303L MA 005 H6811 01R, FEDERAL AID NO. S 303-A-701 AND DRAWING NO. D-7-T-963.

1/4 Corner
Fnd Maricopa County Brass
Cap In Handhole 0.6'
Below Surface

C1/4 Corner
Not Set

TRANSWESTERN PIPELINE
ESMT./FEE
DKT 2008-959565
DKT 2008-546673

9' ELECTRIC LINE ESMT.
DKT 1731 PAGE 528

Section Corner
Fnd Capped Pipe
0.2' Above Ground
Affixed Tag

EXIST COUNTY R/W

50' GAS LINE ESMT.
DKT 2009-952423

1/4 Corner
Fnd Maricopa County Brass
Cap In Handhole Down 0.3'
Below Rim

28' ELECTRIC LINE ESMT.
DKT 3233 PAGE 549

EXIST R/W

Approx 1/16 Line

303L Survey ℄

N42°26'39"E

LOOP 303

EXIST R/W

TCE

NEW R/W

SEE DETAIL "A"

SEE NOTE TOP LEFT

EXIST R/W

TRACT A

TRANSWESTERN PIPELINE ESMT./FEE DKT 2008-959565 DKT 2008-546673

TCE

Mid Sec Line

Section Line

C1/4 Corner
Not Set

SUN CITY WEST
UNIT 57
BOOK 384 PAGE 19

28' ELECTRIC LINE ESMT.
DKT 1731 PAGE 513

33' ROADWAY ESMT.
DKT 3442 PG 279

Section Corner
Set Aluminum Cap on 5/8"
Rebar Stamped LS 21080

1/4 Corner
Set Aluminum Cap on 5/8"
Rebar Stamped LS 21080

MARICOPA CO.

T.4N. R.1W.

SE 4 SE 4

NE 4 SE 4

SE 4 NE 4

NW 4 SW 4

1155 1160 1165 1170 1175 1180

210' 210' 230' 185' 170' 170' 10' 10' 10' 10' 37' 496' 292' 270'

S89°34'33"E 4546.15'

N00°01'42"W 2639.01'

S89°22'27"E 5165.04'

2547.90'
2639.31'

5247.87'

91.41'

82.83'

S00°02'00"E

P.O.T. 1173+76.91
303L SURVEY ℄
SEC. TIE

P.O.T. 1174+99.56
303L SURVEY ℄
MID SEC. TIE

T.S. 1177+53.28
303L SURVEY ℄

C.S. 1180+53.28
303L SURVEY ℄
L.T.B. N45°26'39"E

+67 +19

1751'

1 303L SURVEY ℄ CURVE DATA
PI 1187+19.08

TOTAL CURVE

SPIRAL	TOTAL CURVE	SPIRAL
a=0.66	Δ=31°46'38" RT	a=0.66
Δ=03°00'00"	T=965.80'	Δ=03°00'00"
L=300.00'	L=1888.86'	L=300.00'

MAIN CURVE
Δ=25°46'38"
D=02°00'00"
L=1288.86
R=2864.79

DETAIL "A"

170.00' RT
P.O.T. 1171+47.25
SR 303L SURVEY ℄

N42°26'39"E
44.00'

NEW R/W

EXIST R/W

TCE

S53°45'00"E 36.86'

206.65' RT
P.O.T. 1171+51.22
SR 303L SURVEY ℄

S00°02'00"E
54.27'

Section Line

PARCEL INSERT
N.T.S.

0 50 100
Scale

88BRW200_AA-1.DGN

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

DRAWING NO.	D-07-T-1004
SURVEY	See Note
DRAWN/DATE	MGB/DEC 2009
ADOT REVIEW	P.SOWERS
CONSULTING	RBF PLANNING • DESIGN • CONSTRUCTION 16005 NORTH 28TH AVENUE, SUITE 100 PHOENIX, ARIZONA 85032-2002 602.487.2200 • FAX 602.487.2201 www.RBF.com
ROUTE NO.:	SR 303L
LOCATION:	NOISE MITIGATION ON THE MAG FREEWAY

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

HIGHWAY NAME: NOISE REDUCTION STUDY
FEDERAL AID NO.: UNASSIGNED
PROJECT NO.: 888 MA 000 H7525 01R

REGISTERED LAND SURVEYOR CERTIFICATE NO. 42945 CHAD E. WOOLGAR 3/17/11 ARIZONA, U.S.A. Expires 6/30/11

SHEET AA-1

H:\PDATA\45184375\CADD\MAPPING\CAD-OUT\FINAL TASK SUBMITTAL 3-17-11\88BRW200_AA-1.DGN

RESULTS OF SURVEY

N00°00'27"E 2640.20' — 95TH AVE — N00°01'40"E 2643.85'

208
C1/4 Cor.
Fd. 2 3/4" City of Peoria BC In H.H. at Int. of 95th Ave. & Butler Dr. (47003-T1)

102
1/4 Cor.
Fd. 2 3/4" MCDOT BC In H.H. at Int. of 95th Ave & Olive (47009-1)

207
C1/4 Cor.
Fd. 2 3/4" City of Peoria BC Flush In Conc., ±10' East of ℄ 95th Ave & Mountain View

T.3N. R.1E.

MARICOPA CO.

EXIST RW ℄
CURVE DATA
PI 541+09.92 — 2016
Δ=11°24'32" LT
D=0°30'00"
T=1144.67'
L=2281.78'
R=11459.16' — 2009

CITY

DETAIL "A"
N.T.S.

DETAIL "B"
N.T.S.

OLIVE AVENUE
BUSINESS PARK
BOOK 1014, PAGE 46

SPRINGER RANCH II
BOOK 544, PAGE 38

SPRINGER RANCH
BOOK 435, PAGE 11

RELIANCE LOOP 101
COMMERCE PARK
BOOK 800, PAGE 28

PEORIA

BUTLER DR — OLIVE AVE — 93RD AVE — 92ND LANE — PALMER DRIVE — CAROL AVE — VOGEL AVE — PURDUE AVE — MOUNTAIN VIEW ROAD — 92ND DR

W. CARON CIRCLE — W. SANNA CIRCLE — W. MISSION LANE — W. SUNNYSLOPE LANE

N88°25'18"E 2660.19' — N88°11'12"E 1857.69' 2675.91'

N00°30'57"E 1802.52' — N88°17'11"E 2658.67' 2004.31' — 654.36'

P.O.T. 511+62.73 EXIST R/W ℄ — P.O.T. 522+85.60 EXIST R/W ℄ SECTION LINE TIE — P.C. 529+65.25 EXIST R/W ℄ — P.O.C. 549+36.59 EXIST R/W ℄ MID SEC LINE TIE L.T.B. N09°20'27"W 818.22'

SEE DETAIL "B" — SEE DETAIL "A"

SR 101 — *Exist R/W ℄

MP 9

SHEET RS-2 — MATCH LINE — 2013

100
1/4 Cor.
Fd. 2 3/4" City of Peoria BC In H.H. at Int. of 91st Ave. & Butler Dr. (47002-T3)

N00°01'45"W 2646.44' — 91ST AVE — N00°23'50"E 2649.08' — 91ST AVE

101
Sec. Cor.
Fd. 2 3/4" MCDOT BC In H.H. at Int. of 91st Ave & Olive Ave. (47010-1)

103
1/4 Cor.
Fd. 2 3/4" City of Peoria BC In H.H. at Int. of 91st Ave. & Mountain View (47018-1)

*SAME AS R/W PROJ. BPM -600-0-702 SR 417 SURVEY ℄

0 100 200 Scale

...\1102-DGN\101RW809_RS01.DGN

Click here for SR 101 Index

LEGEND

302 Set Monument
300 Found Monument
(Pt. No.) GDACs Point Number
301 Calculated position
Existing ADOT R/W Monument
SFNF Searched For, Not Found

BASIS OF STATIONING:
NORTHWEST OUTER LOOP R/W PROJ. BPM-600-0-702 CENTERLINE
STATION 522+85.60 AT NORTH SECTION LINE, SECTION 33.

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

DRAWING NO.	D-7-T-1004
SURVEY	NOV 2009
DRAWN/DATE	RES/FEB 2010
ADOT REVIEW	P. Sowers
ROUTE NO.:	SR 101
LOCATION:	Noise Mitigation on the MAG Regional Freeway System

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

HIGHWAY NAME: AGUA FRIA FREEWAY
FEDERAL AID NO.: Unassigned
PROJECT NO.: 888 MA 000 H7525 01R

Stanley Consultants INC. — A Stanley Group Company Engineering, Environmental and Construction Services - Worldwide

REGISTERED LAND SURVEYOR — CERTIFICATE NO. 38862 — RONNIE E. DORSEY — ARIZONA, U.S.A. — EXPIRES 3/31/11

SHEET RS-1

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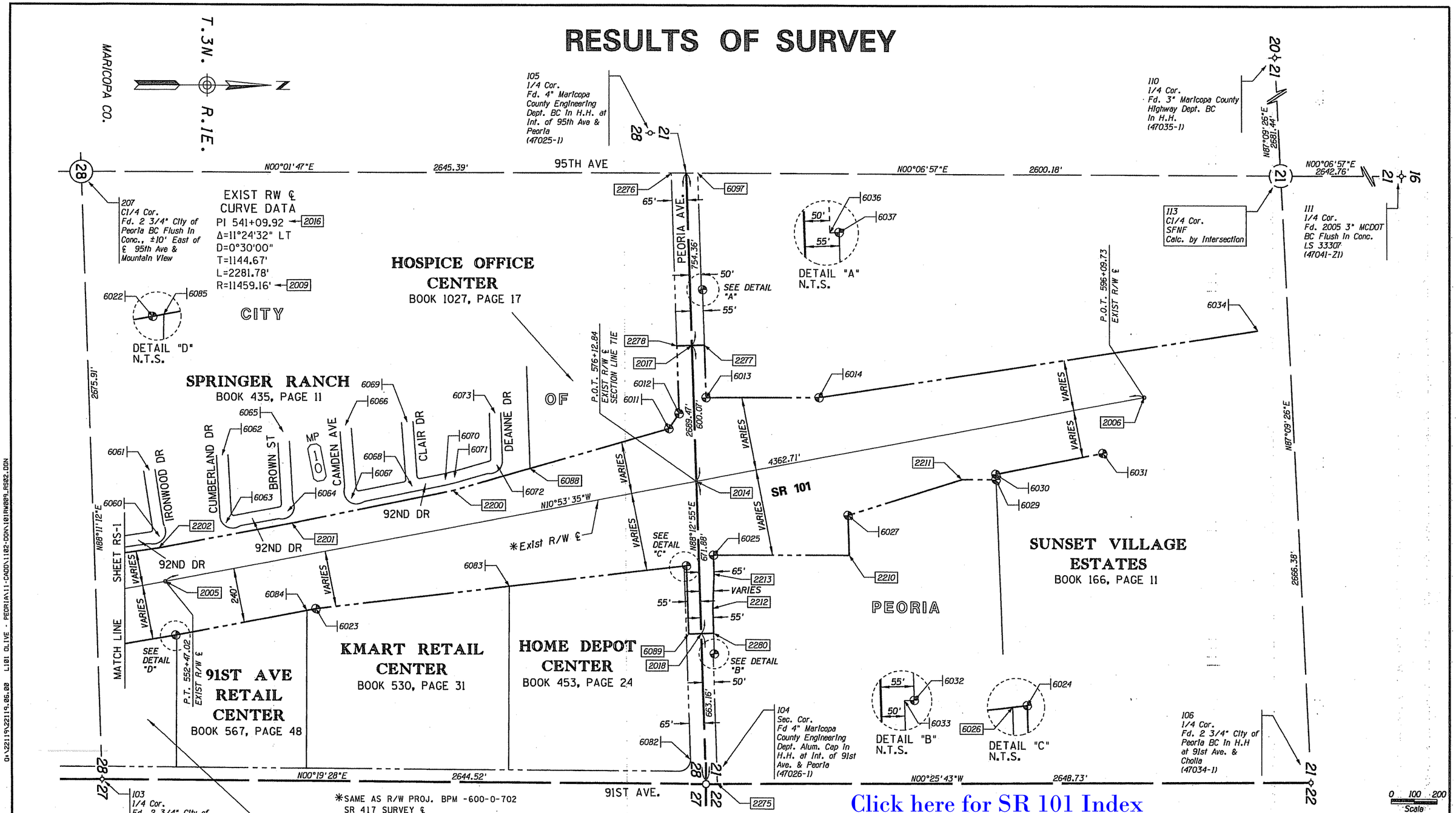
RESULTS OF SURVEY



Click here for SR 101 Index

LEGEND

302 Set Monument
300 Found Monument
(Pt. No.) GDACs Point Number
301 Calculated position
Existing ADOT R/W Monument
SFNF Searched For, Not Found

BASIS OF STATIONING:
NORTHWEST OUTER LOOP BPM-600-0-702 CENTERLINE STATION 522+85.60 AT NORTH SECTION LINE, SECTION 33.

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

DRAWING NO.	D-7-T-1004
SURVEY	NOV 2009
DRAWN/DATE	RES/FEB 2010
ADOT REVIEW	P. Sowers

Stanley Consultants INC. A Stanley Group Company Engineering, Environmental and Construction Services - Worldwide

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

HIGHWAY NAME: AGUA FRIA FREEWAY
FEDERAL AID NO.: Unassigned
PROJECT NO.: 888 MA 000 H7525 01R
ROUTE NO.: SR 101
LOCATION: Noise Mitigation on the MAG Regional Freeway System
SHEET RS-2

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RESULTS OF SURVEY

CALCULATED POINTS			
PT.	NORTHING	EASTING	DESCRIPTION
2003	932746.28123	596352.73119	(C)
2004	934548.72817	596368.95982	(C)
2005	936817.40385	596162.94984	(C)
2006	941101.50526	595338.50237	(C)
2009	934651.89845	584910.26837	(C)
2012	933869.11195	596362.84078	(C)
2013	936511.80983	596217.47773	(C)
2014	939140.59785	595715.86626	(C)
2016	935693.35535	596379.26567	(C)
2017	939121.90933	595116.08482	(C)
2018	939161.52282	596387.42316	(C)
2200	938076.61686	595758.22419	(C)
2201	937371.39223	595903.59453	(C)
2202	936789.48852	596015.58183	(C)
2203	935865.12198	596154.13746	(C)
2204	934685.37802	596170.68564	(C)
2205	933915.62269	596078.27800	(C)
2206	936110.64639	596528.22835	(C)
2207	935338.15405	596609.35640	(C)
2208	933945.82925	596753.54733	(C)
2209	933030.53093	596135.22078	(C)
2210	939811.00486	596039.58415	(C)
2211	940302.65226	595702.95299	(C)
2212	939213.08744	596276.31263	(C)
2213	939218.40992	596126.03885	(C)
2214	935187.11516	596177.08046	(C)
2215	935186.49877	596157.04902	(C)
2250	933935.70376	596080.68870	(C)
2251	933932.32240	595967.66421	(C)
2252	933927.32464	595967.81373	(C)
2253	933921.26406	595765.23436	(C)
2254	933936.96058	595748.56968	(C)
2255	936519.41736	596457.78931	(C)
2256	936506.76001	596057.96072	(C)
2257	933780.74576	596083.91009	(C)
2258	933785.56719	596078.33923	(C)
2259	933788.71942	595514.87457	(C)

CALCULATED POINTS			
PT.	NORTHING	EASTING	DESCRIPTION
2260	933803.73414	596751.48486	(C)
2261	933812.39583	596916.60935	(C)
2262	933960.78984	596751.99799	(C)
2263	933962.83879	596820.48735	(C)
2264	933960.53981	596820.55613	(C)
2265	933961.29636	596845.84481	(C)
2266	933956.76779	596885.08711	(C)
2267	933958.28175	596935.69385	(C)
2268	933975.71384	596952.72892	(C)
2269	934035.92043	596957.68209	(C)
2270	934035.88403	596962.93197	(C)
2271	934279.07818	596964.61852	(C)
2275	939232.15185	597048.70357	(C)
2276	939033.44724	594364.11507	(C)
2277	939176.88265	595114.37191	(C)
2278	939056.94121	595118.10916	(C)
2280	939216.49614	596385.71025	(C)
2282	933820.64214	596916.36265	(C)
2283	933786.64810	595780.05352	(C)
2284	933776.65257	595780.35255	(C)
6026	939087.23819	596090.45868	(C)
6078	935428.53847	596599.86412	(C)
6079	933588.51227	596105.93318	(C)
6088	938414.51619	595660.24009	(C)
6089	939106.54950	596389.13607	(C)
6090	933952.52490	596977.35423	(C)
6091	933787.45457	596976.96399	(C)
6092	933821.40797	596941.96181	(C)
6093	933848.92843	595688.17186	(C)
6094	933903.61177	595688.37490	(C)
6095	933843.69483	595513.22992	(C)
6096	933887.48266	596976.91303	(C)
6097	939148.44313	594362.19187	(C)

SR 101 EXISTING 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 EXISTING DOCUMENTATION LISTED HEREIN.

LEFT SIDE			RIGHT SIDE		
PT.	STATION	OFFSET	PT.	STATION	OFFSET
6000	---	---	6016	---	---
2209	514+45.01	220.06' LT	6017	514+78.97	340.66' RT
6002	518+00.01	229.30' LT	6018	522+35.74	390.00' RT
6003	522+09.65	279.97' LT	6092	522+43.11	579.53' RT
2283	521+97.89	582.02' LT	6091	522+09.48	614.83' RT
2284	521+87.90	581.63' LT	6096	523+09.50	613.88' RT
6035	521+83.43	696.55' LT	6090	523+74.54	613.74' RT
2259	521+97.58	847.21' LT	2208	523+65.83	390.00' RT
6095	522+52.54	849.35' LT	2207	537+39.83	260.04' RT
6093	522+59.34	674.46' LT	2206	544+99.74	250.03' RT
6094	523+14.03	674.75' LT	2255	549+05.74	238.40' RT
2205	523+29.55	284.97' LT	6022	552+47.04	240.00' RT
2204	531+02.49	198.69' LT	6023	558+70.00	240.00' RT
6006	533+35.13	180.06' LT	6024	574+99.67	358.49' RT
2203	543+00.11	150.02' LT	6089	574+52.18	654.70' RT
2256	549+57.79	158.20' LT	2018	575+06.49	663.41' RT
2202	552+47.46	149.99' LT	2280	575+60.79	672.12' RT
2201	558+40.04	149.99' LT	2212	575+78.12	564.05' RT
2200	565+60.03	159.47' LT	2213	576+11.74	417.49' RT
6011	575+40.00	250.00' LT	6025	576+25.06	334.41' RT
6012	575+96.16	306.51' LT	2210	582+10.00	444.58' RT
2278	576+43.66	602.80' LT	6027	582+37.98	270.03' RT
2017	577+07.84	592.51' LT	2211	587+56.40	206.92' RT
2277	577+62.14	583.80' LT	6029	589+03.63	234.83' RT
6013	577+25.33	354.34' LT	6030	589+07.15	211.52' RT
6014	582+11.77	262.29' LT	6031	593+85.40	208.62' RT
6034	---	---			

STATIONING AND OFFSETS REFER TO EXISTING R/W ℄.

Click here for SR 101 Index

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

DRAWING NO.	D-7-T-1004
SURVEY	NOV 2009
DRAWN/DATE	RES/FEB 2010
ADOT REVIEW	P. Sowers

Stanley Consultants INC. — A Stanley Group Company: Engineering, Environmental and Construction Services - Worldwide

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

HIGHWAY NAME: AGUA FRIA FREEWAY
FEDERAL AID NO.: Unassigned
PROJECT NO.: 888 MA 000 H7525 01R
ROUTE NO.: SR 101
LOCATION: Noise Mitigation on the MAG Regional Freeway System
SHEET RS-3

REGISTERED LAND SURVEYOR — 38962 — RONNIE E. DORSEY — ARIZONA, U.S.A. — EXPIRES - 9/30/11

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RESULTS OF SURVEY

SECTION CORNERS

PT.	NORTHING	EASTING		DESCRIPTION
100	931242.24092	597018.26064	COP BC IN HH	This monument is a City of Peoria Brass Cap. The time and origin of who set this monument is unknown. The monument is utilized and is accepted as the best available evidence of the original corner.
101	933888.67928	597016.91242	MCDOT BC IN HH	This monument is a Maricopa County Department of Transportation Brass Cap. The time and origin of who set this monument is unknown. The monument is utilized and is accepted as the best available evidence of the original corner.
102	933809.17757	594359.43130	MCDOT BC IN HH	This monument is a Maricopa County Department of Transportation Brass Cap. The time and origin of who set this monument is unknown. The monument is utilized and is accepted as the best available evidence of the original corner.
103	936537.69906	597035.28336	COP BC IN HH	This monument is a City of Peoria Brass Cap. The time and origin of who set this monument is unknown. The monument is utilized and is accepted as the best available evidence of the original corner.
104	939182.17611	597050.26076	4" MCED AC HH	This monument is a Maricopa County Engineering Department Alum. Cap. The time and origin of who set this monument is unknown. The monument is utilized and is accepted as the best available evidence of the original corner.
105	939098.41571	594362.09072	4" MCED BC HH	This monument is a Maricopa County Engineering Department Brass Cap. The time and origin of who set this monument is unknown. The monument is utilized and is accepted as the best available evidence of the original corner.
106	941830.82783	597030.45059	COP BC IN HH	This monument is a City of Peoria Brass Cap. The time and origin of who set this monument is unknown. The monument is utilized and is accepted as the best available evidence of the original corner.
110	941565.59940	591689.20310	MCHD BC IN HH	This monument is a Maricopa County Highway Department Brass Cap. The time and origin of who set this monument is unknown. The monument is utilized and is accepted as the best available evidence of the original corner.
111	944341.34540	594372.69140	MC BC LS 33307 2005 SET AS PART OF GDACS	This monument was set in 2005 as a part of the Maricopa County GDACS project by LS 33307. The monument is utilized and is accepted as the best available evidence of the original corner.
113	941698.58709	594367.34801	(C)	Searched for not found. Calculated by intersection.
207	936453.03033	594360.71296	COP BC FLUSH	This monument is a City of Peoria Brass Cap. The time and origin of who set this monument is unknown. The monument is utilized and is accepted as the best available evidence of the original corner.
208	931168.97605	594359.08005	COP BC IN HH	This monument is a City of Peoria Brass Cap. The time and origin of who set this monument is unknown. The monument is utilized and is accepted as the best available evidence of the original corner.

MISC MONUMENTATION

PT.	NORTHING	EASTING	DESCRIPTION
6039	933999.82671	595721.67032	3" BC H.H.
6040	934030.81203	595717.47732	3" BC H.H.
6041	934164.52745	595689.42852	3" BC H.H.
6042	934217.16711	595689.61763	3" BC H.H.
6043	934487.16537	595690.58759	3" BC H.H.
6044	934757.16363	595691.55756	3" BC H.H.
6045	935027.16189	595692.52752	3" BC H.H.
6046	935025.45373	596149.52968	3" BC FLUSH
6047	934755.54899	596148.55376	3" BC FLUSH
6048	934485.64938	596100.59844	3" BC FLUSH
6049	934357.50288	596100.10677	3" BC FLUSH
6050	934340.09973	596099.00914	3" BC FLUSH
6051	934215.66387	596084.09680	3" BC FLUSH
6052	935341.27633	595986.77222	3" BC FLUSH
6053	935422.84920	595976.96976	3" BC FLUSH
6054	935439.91374	596118.43235	3" BC FLUSH
6055	935710.73692	596109.16664	3" BC FLUSH
6056	935616.92190	595326.50328	3" BC FLUSH
6057	935979.90184	596086.33582	3" BC FLUSH
6058	936524.56262	596004.55297	3" BC FLUSH
6059	936478.91812	595700.79504	3" BC FLUSH
6060	936792.04648	595964.55188	3" BC FLUSH
6061	936748.27283	595672.37560	3" BC FLUSH
6062	937068.87951	595603.47137	3" BC FLUSH
6063	937084.71751	595902.68524	3" BC FLUSH
6064	937352.48175	595851.03626	3" BC FLUSH
6065	937333.80969	595500.27754	3" BC FLUSH
6066	937604.48952	595471.34872	3" BC FLUSH
6067	937630.19851	595794.02641	3" BC FLUSH
6068	937896.51480	595739.07138	3" BC FLUSH
6069	937876.10166	595455.88398	3" BC FLUSH
6070	938043.13187	595708.82597	3" BC FLUSH
6071	938083.32772	595698.86467	3" BC FLUSH
6072	938268.97041	595645.02765	3" BC FLUSH
6073	938261.82105	595416.10131	3" BC FLUSH

MISC R/W MONUMENTATION

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
6033	939214.31862	596476.37134	1/2" REBAR NO ID	575+41.52	760.73' RT
6034	941597.98106	595043.99837	A.P. FENCE	601+39.36	209.06' LT
6036	939164.35691	594872.92207	1/2" REBAR W/CAP	577+95.47	823.27' LT
6038	933850.19246	595726.16438	3" BC FLUSH	522+60.95	636.48' LT
6082	939113.80342	596943.03160	3/4" REBAR NO ID	573+54.63	1199.99' RT
6083	938322.55112	596180.75641	1/2" REBAR NO ID	567+21.69	301.92' RT
6084	937434.79267	596288.54035	1/2" R/C 17375	558+29.55	240.00' RT
6085	936867.00162	596397.80881	1/2" REBAR NO ID	552+51.34	240.00' RT

EXISTING ADOT R/W MONUMENTATION

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
6000	932385.39080	596179.67652	ADOT AC	---	---
6002	933385.59954	596129.17973	ADOT AC	518+00.01	229.30' LT
6003	933795.68712	596082.19834	ADOT AC	522+09.65	279.97' LT
6004	933915.97953	596079.15496	ADOT AC	523+29.91	284.10' LT
6006	934914.39398	596186.30904	ADOT AC	533+35.13	180.06' LT
6011	939021.82011	595484.13401	ADOT AC	575+40.00	250.00' LT
6012	939066.28606	595418.02985	ADOT AC	575+96.16	306.51' LT
6013	939184.09840	595346.65529	ADOT AC	577+25.38	354.47' LT
6014	939679.16784	595345.12104	ADOT AC	582+11.77	262.29' LT
6016	932346.87170	596597.95649	ADOT AC	---	---
6017	933059.44812	596696.22203	ADOT AC	514+78.97	340.66' RT
6018	933815.73628	596752.37602	ADOT AC	522+35.74	390.00' RT
6022	936862.77299	596398.62258	ADOT AC	552+47.04	240.00' RT
6023	937474.50993	596280.89696	AL STEM MISS AC	558+70.00	240.00' RT
6024	939097.20637	596089.28159	ADOT AC	574+99.67	358.49' RT
6025	939215.78949	596041.93967	ADOT AC	576+25.06	334.41' RT
6027	939805.49957	595862.89990	ADOT AC	582+37.98	270.03' RT
6029	940452.50168	595702.53752	ADOT AC	589+03.63	234.83' RT
6030	940451.55101	595678.98518	ADOT AC	589+07.15	211.52' RT
6031	940920.63684	595585.75908	ADOT AC	593+85.40	208.62' RT
6032	939219.31619	596476.21562	ADOT AC	575+46.46	761.53' RT
6035	933773.21374	595665.40398	ADOT AC	521+83.43	696.55' LT
6037	939169.35449	594872.76635	ADOT AC	578+00.41	822.47' LT

Click here for SR 101 Index

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

DRAWING NO.	D-7-T-1004
SURVEY	NOV 2009
DRAWN/DATE	RES/FEB 2010
ADOT REVIEW	P. Sowers

Stanley Consultants INC. — A Stanley Group Company — Engineering, Environmental and Construction Services - Worldwide

ROUTE NO.: SR 101

LOCATION: Noise Mitigation on the MAG Regional Freeway System

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

HIGHWAY NAME: AGUA FRIA FREEWAY

FEDERAL AID NO.: Unassigned

PROJECT NO.: 888 MA 000 H7525 01R

REGISTERED LAND SURVEYOR — CERTIFICATE NO. 38862 — RONNIE E. DORSEY — Date Signed 6-30-11 — ARIZONA, U.S.A. — EXPIRES 3/31/12

SHEET RS-4

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RESULTS OF SURVEY

PUBLIC INFORMATION USED IN PREPARATION OF SURVEY					
MARICOPA COUNTY RECORDER'S OFFICE					
SEC.	TWP.	RNG.	BOOK	PAGE	DESCRIPTION
VARIOUS	3N	1E	863	7	GDACS RECORD OF SURVEY
28	3N	1E	435	11	SPRINGER RANCH
28	3N	1E	544	38	SPRINGER RANCH II
28	3N	1E	1027	17	HOSPICE OFFICE CENTER
21	3N	1E	307	22	REPORT OF SURVEY
21	3N	1E	1	98	REPORT OF SURVEY
21	3N	1E	849	17	RECORD OF SURVEY
28	3N	1E	453	24	THE HOME DEPOT CENTER
28	3N	1E	567	48	91ST AVENUE RETAIL CENTER
28	3N	1E	636	42	MINOR LAND DIVISION
28	3N	1E	800	28	RELIANCE LOOP 101 COMMERCE PARK
33	3N	1E	611	19	MINOR LAND DIVISION
33	3N	1E	811	40	OLIVE AVENUE BUSINESS PARK
33	3N	1E	933	32	RECORD OF SURVEY
33	3N	1E	998	40	MINOR LAND DIVISION

ADOT RIGHT OF WAY PLANS AND AS-BUILTS				
PROJECT NO.	DWG NO.	ADOT TRACS NO.	DESCRIPTION	DATE
BPM-600-0-702	D-7-T-803	101L MA 007 H0807 03R	NORTHWEST OUTER LOOP R/W PLANS	07/86

GENERAL NOTES

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

NGS POINT "PEORIA WELL" NAD 83 (1992) 33° 34' 02.51833" (N) 112° 12' 43.04712" (W)
GRID COORDINATES: N 934089.97 E 610055.08
GROUND COORDINATES (PT. 2): N 934239.42440 E 610152.68881

NGS POINT "1FB1" NAD 83 (1992) 33° 35' 34.22050" (N) 112° 15' 16.27496" (W)
GRID COORDINATES: N 943398.121 E 597120.576
GROUND COORDINATES (PT. 3): N 943549.06470 E 597216.11529

NGS POINT "1EA1" NAD 83 (1992) 33° 33' 02.70949" (N) 112° 18' 13.19156" (W)
GRID COORDINATES: N 928136.935 E 582098.687
GROUND COORDINATES (PT. 4): N 928285.43691 E 582191.82279

NGS POINT "SALT" NAD 83 (1992) 33° 31' 22.92200" (N) 112° 16' 03.73118" (W)
GRID COORDINATES: N 918012.26 E 593020.42
GROUND COORDINATES (PT. 5): N 918159.14196 E 593115.30327

THE ABOVE VALUES WERE ENTERED INTO A RANGER DATA COLLECTOR WITH THE FOLLOWING PARAMETERS SET FOR THE BASIS OF THIS SURVEY:

SYSTEM: UNITED STATES STATE PLANE 1983
ZONE: ARIZONA CENTRAL
DATUM: NORTH AMERICAN 1983/92 MODIFIED
GEOID MODEL: GEOID99

TOPCON HIPER GPS EQUIPMENT WAS USED FOR ALL FIELD SURVEY MEASUREMENTS. 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 ASHTECH OFFICE SUITE. A COMBINED SCALE FACTOR OF 1.00016 AND ORIGIN VALUES OF N=0.000, E=0.000 AS DEFINED IN MEMO "ADOT REGIONAL TRANSPORTATION PLAN FREEWAY PROGRAM, DESIGN PROCEDURE MEMORANDUM, SURVEYS AND AERIAL MAPPING, DATED JUNE 25TH, 2005, REVISION #1, DATED OCTOBER 27TH, 2005" WAS USED FOR THE TRANSLATION TO THE SURFACE.

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

VERIFICATION AND ACCEPTANCE OF SECTION CORNER MONUMENTS SHOWN ON THIS RESULTS OF SURVEY ARE IN ACCORDANCE WITH "REVISION NO. 1 - DATED OCTOBER 27, 2005" OF ADOT REGIONAL TRANSPORTATION PLAN FREEWAY PROGRAM DESIGN PROCEDURE MEMORANDUM, WHICH STATES THAT THE SURVEY WILL ADOPT AND HOLD THE PUBLISHED GDACS CORNER POSITIONS IF WITHIN POSITIONAL TOLERANCE.

UNITS = INTERNATIONAL FEET = 1 FOOT = 0.3048 METERS EXACTLY.

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 AVE, MD 612E, PHOENIX, AZ 85007. (602) 712-7270. SEE ADOT R/W FILE COPY FOR MOST CURRENT REVISIONS OR ADDITIONS.

FOR ADDITIONAL INFORMATION ON SECTION CORNER DESCRIPTIONS, SEE CORNER RECOVERY SHEETS IN THE ADOT R/W PLANS SECTION RECORDS.

Click here for SR 101 Index

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

DRAWING NO.	D-7-T-1004
SURVEY	NOV 2009
DRAWN/DATE	RES/FEB 2010
ADOT REVIEW	P. Sowers

Stanley Consultants INC. — A Stanley Group Company — Engineering, Environmental and Construction Services - Worldwide

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

HIGHWAY NAME: AGUA FRIA FREEWAY
FEDERAL AID NO.: Unassigned
PROJECT NO.: 888 MA 000 H7525 01R
ROUTE NO.: SR 101
LOCATION: Noise Mitigation on the MAG Regional Freeway System

REGISTERED LAND SURVEYOR — CERTIFICATE NO. 38862 — RONNIE E. DORSEY — Date Signed 3-3-11 — ARIZONA, U.S.A. — EXPIRES 3/31/12

SHEET RS-5

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RIGHT OF WAY MONUMENTATION SURVEY

THIS SURVEY SUPPLEMENTS THE RESULTS OF SURVEY AS SHOWN ON SHEETS RS-1 TO RS-5

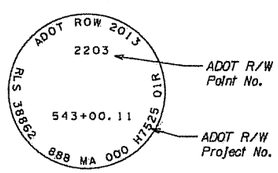
MONUMENTATION LIST

PT	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2203	935865.12198	596154.13746	SET STANDARD R/W MONUMENT	543+00.11	150.02' LT
2204	934685.37802	596170.68564	SET STANDARD R/W MONUMENT	531+02.49	198.69' LT
2206	936110.64639	596528.22835	SEE NOTE 1	544+99.74	250.03' RT
2207	935338.15405	596609.35640	SEE NOTE 2	537+39.83	260.04' RT
2208	933945.82925	596753.54733	SEE NOTE 3	523+65.83	390.00' RT
2209	933030.53093	596135.22078	SEE NOTE 4	514+45.01	220.06' LT
2289	933934.91909	596054.46054	SEE NOTE 1	523+48.63	308.96' LT
2290	934173.72999	596101.20584	SEE NOTE 1	525+87.85	264.37' LT
2292	934172.78484	596109.14982	SET STANDARD R/W MONUMENT	525+86.98	256.41' LT

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

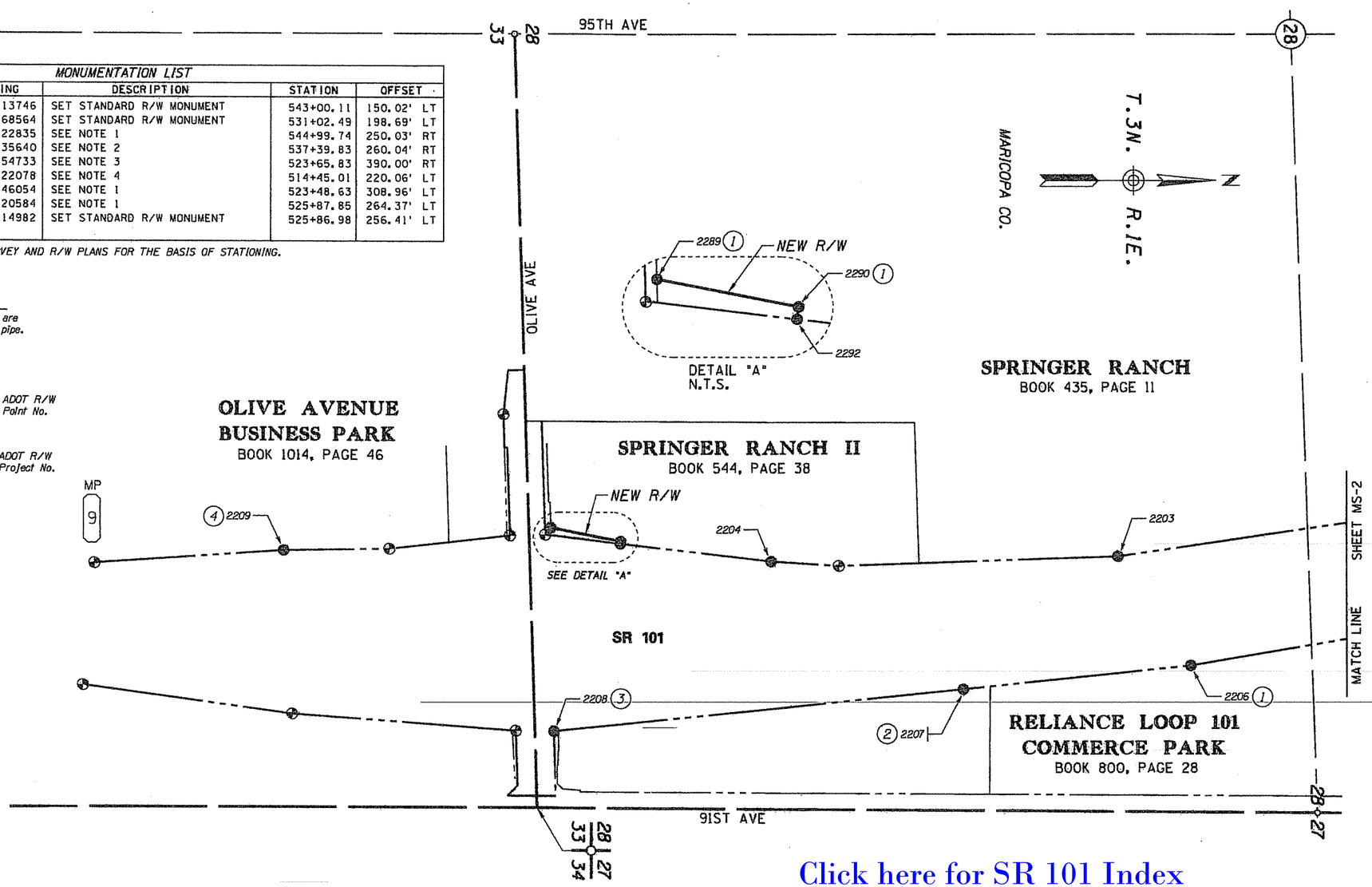
STANDARD ADOT R/W MONUMENT DETAIL

Unless otherwise noted, all set monuments are 3 1/2" aluminum cap on 3/4" O.D. Feno pipe. Typical stamping below.



DETAIL "A"
N.T.S.

SPRINGER RANCH
BOOK 435, PAGE 11



(1) Set Standard ADOT R/W Monument in May 2011.

(2) Fd. 3" ADOT brass cap in concrete, not legible.

(3) Epoxied Standard ADOT R/W Monument on concrete footing in May 2011.

(4) Epoxied Standard ADOT R/W Monument on pavement in May 2011.

LEGEND

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

Click here for SR 101 Index

0 100 200
Scale

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CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
9831	1-31-13	RED	CONVERTED STAKING PLAN INTO MONUMENTATION SURVEY.

DRAWING NO.	D-7-T-1004
SURVEY	MAR 2013
DRAWN/DATE	RES/APR 2013
ADOT REVIEW	M. Mayes

Stanley Consultants INC. A Stanley Group Company

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

HIGHWAY NAME: AGUA FRIA FREEWAY
FEDERAL AID NO.: Unassigned
PROJECT NO.: 888 000 H7525 01R
ROUTE NO.: SR 101
LOCATION: Noise Mitigation on the MAG Regional Freeway System

REGISTERED LAND SURVEYOR — RONALD E. DORSEY — 38862 — ARIZONA, U.S.A. — EXPIRES 3/31/15

SHEET MS-1

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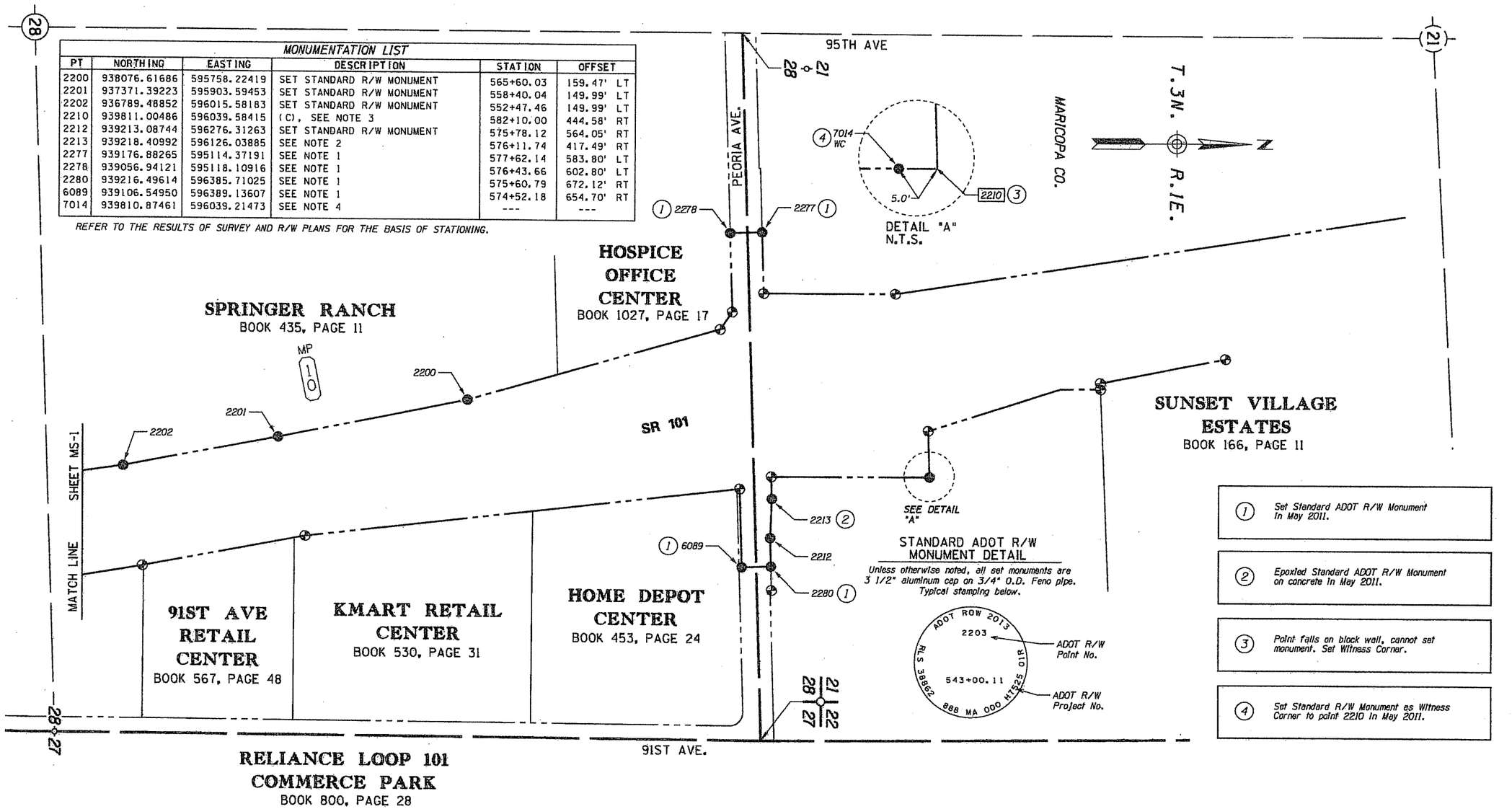
RIGHT OF WAY MONUMENTATION SURVEY

THIS SURVEY SUPPLEMENTS THE RESULTS OF SURVEY AS SHOWN ON SHEETS RS-1 TO RS-5

MONUMENTATION LIST

PT	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2200	938076.61686	595758.22419	SET STANDARD R/W MONUMENT	565+60.03	159.47' LT
2201	937371.39223	595903.59453	SET STANDARD R/W MONUMENT	558+40.04	149.99' LT
2202	936789.48852	596015.58183	SET STANDARD R/W MONUMENT	552+47.46	149.99' LT
2210	939811.00486	596039.58415	(C), SEE NOTE 3	582+10.00	444.58' RT
2212	939213.08744	596276.31263	SET STANDARD R/W MONUMENT	575+78.12	564.05' RT
2213	939218.40992	596126.03885	SEE NOTE 2	576+11.74	417.49' RT
2277	939176.88265	595114.37191	SEE NOTE 1	577+62.14	583.80' LT
2278	939056.94121	595118.10916	SEE NOTE 1	576+43.66	602.80' LT
2280	939216.49614	596385.71025	SEE NOTE 1	575+60.79	672.12' RT
6089	939106.54950	596389.13607	SEE NOTE 1	574+52.18	654.70' RT
7014	939810.87461	596039.21473	SEE NOTE 4	---	---

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



1. Set Standard ADOT R/W Monument In May 2011.
2. Epoxied Standard ADOT R/W Monument on concrete In May 2011.
3. Point falls on block wall, cannot set monument. Set Witness Corner.
4. Set Standard R/W Monument as Witness Corner to point 2210 In May 2011.

0 100 800
Scale

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LEGEND

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

Click here for SR 101 Index

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
9831	1-31-13	RED	CONVERTED STAKING PLAN INTO MONUMENTATION SURVEY.

DRAWING NO.	D-7-T-1004
SURVEY	MAR 2013
DRAWN/DATE	RES/APR 2013
ADOT REVIEW	M. Mayes
Stanley Consultants INC.	A Stanley Group Company Engineering Environmental and Construction Services - Worldwide
ROUTE NO.:	SR 101
LOCATION:	Noise Mitigation on the MAG Regional Freeway System

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

HIGHWAY NAME: AGUA FRIA FREEWAY
FEDERAL AID NO.: Unassigned
PROJECT NO.: 888 MA 000 H7525 01R

REGISTERED LAND SURVEYOR — CERTIFICATE NO. 38562 — RONNIE E. DORSEY — ARIZONA, U.S.A. — EXPIRES 9/30/13

SHEET MS-2

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