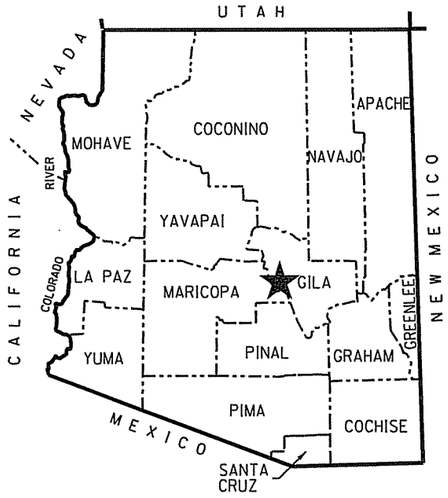
RIGHT OF WAY PLANS OF THE

PHOENIX - GLOBE HIGHWAY
COUNTY LINE - PINTO VALLEY
060 GI 236 H6140 01R

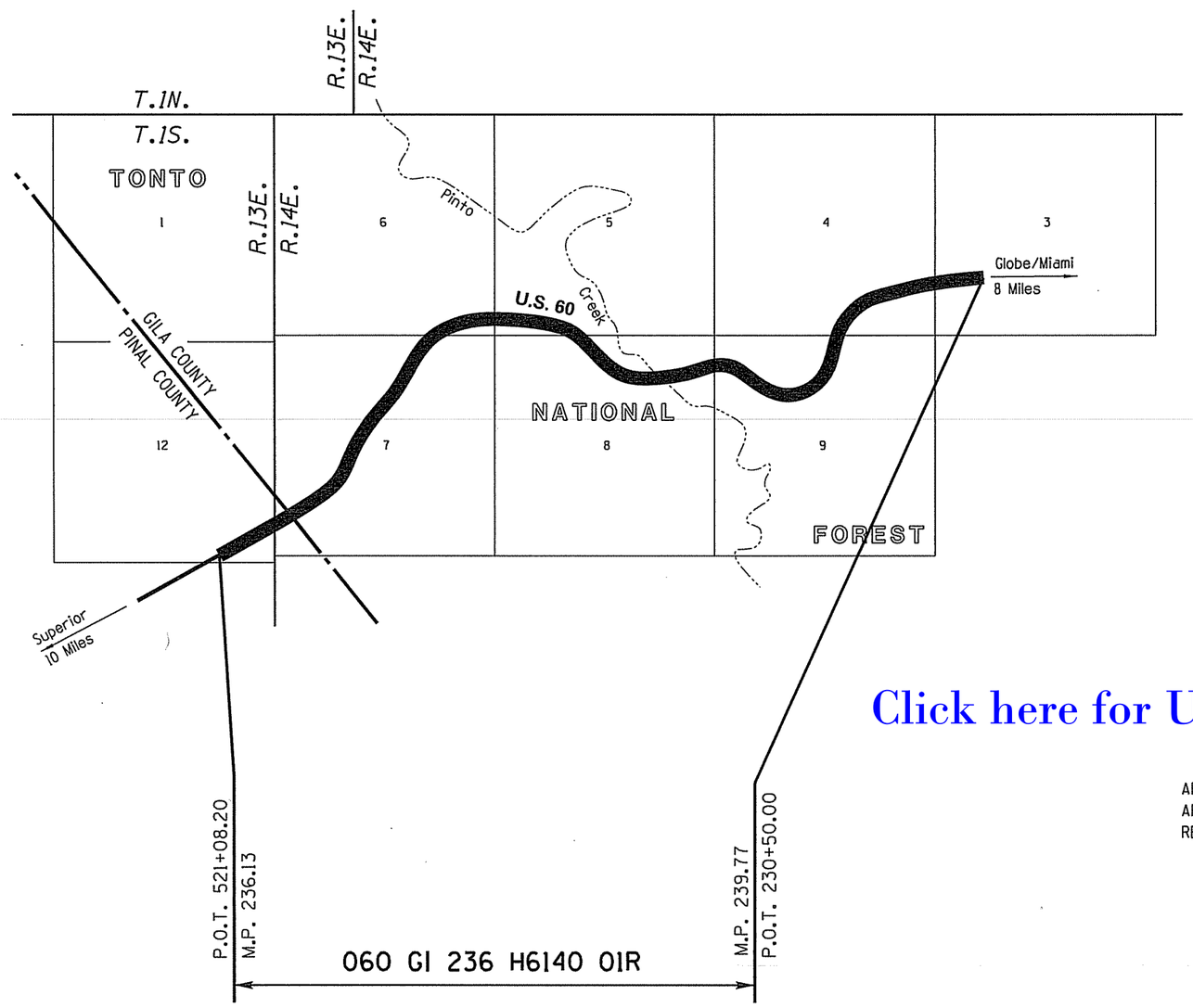
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

ADOT



★ PROJECT LOCATION

COUNTY NAME: GILA
LENGTH OF PROJECT: 3.6 MILES
ADOT DISTRICT: GLOBE (G)
DRAWING NUMBER: D-04-T-432



Click here for US 60 Index

SHEET INDEX

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STANDARD ABBREVIATIONS & SYMBOLS	S-1
OWNERSHIP RECORD SHEET	ORS-1
VICINITY MAP SHEET	VM-1
PLAN SHEET	P-1 TO P-8
RESULTS OF SURVEY	RS-1 TO RS-14
RIGHT OF WAY MONUMENTATION SURVEY	MS-1 TO MS-8
TOTAL SHEETS	34

APPROVED IN ACCORDANCE WITH
ARIZONA DEPARTMENT OF TRANSPORTATION BOARD
RESOLUTION 2008-06-A-030 DATED 6-20-08

060RW236_CVR.DGN

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
Date: 2011.04.27 12:31:21 -07'00'
(Expires 6-30-11)
ELECTRONIC SEAL
http://www.ntc.state.az.us/

HUBBARD ENGINEERING 480-892-3313 Mesa, AZ
jcrume@hubbardengineering.com Job # 26015

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

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

T.1S. R.6E.

SECTION 7
MARICOPA CO.

North Arrow

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

4-3 — 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 I-15 — Mile Post Marker

Click here for US 60 Index

060RW236_STD.DGN

DRAWING NO.	D-04-T-432	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION	Professional Land Surveyor AZ No. 19817 Digitally signed by Jim Crume Date: 2011.04.29 09:40:59 -07'00' (Expires 6-30-11) ELECTRONIC SEAL http://www.bir.state.az.us/ Certified Federal Surveyor No. 1293 (Expires 10-2-11) http://www.cfls.org/roster.asp
SURVEY	See attached survey	HIGHWAY NAME: PHOENIX - GLOBE	
DRAWN/DATE	J CRUME/2006		
ADOT REVIEW	C. WOODFORD	FEDERAL AID NO.: Unassigned	
HUBBARD ENGINEERING 480-892-3313 Mesa, AZ jcrume@hubbardengineering.com Job # 26015		PROJECT NO.: 060 GI 236 H6140 01R	
ROUTE NO.: U.S. 60	LOCATION: County Line - Pinto Valley		SHEET S-1

OWNERSHIP RECORD

NOTES	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.	ACQUIRED: TYPE	ACQUIRED: DOCUMENT
	4-0769	Tonto National Forest	NE4NE4, NW4NE4, SEC. 7 T.1S. R.14E.			7,480				P-3		
			SE4SE4, SEC. 6 T.1S. R.14E.			16,982				P-3		
			SW4SW4, SE4SW4, SEC. 5 T.1S. R.14E.			89,549				P-4		
			NE4NW4, NW4NE4, NE4NE4, SEC. 8 T.1S. R.14E.			91,489				P-4 to P-5		
			NW4NW4, NE4NW4, NW4NE4, SW4NW4, SE4NW4, SEC.9 T.1S. R.14E.			209,065				P-5 to P-7		
			SW4SE4, SE4SE4, SEC.4 T.1S. R.14E.			150,271				P-7 to P-8		
			NW4SW4, SEC. 3 T.1S. R.14E.			15,968				P-8		

ALL AREAS ARE IN SQUARE FEET UNLESS OTHERWISE NOTED

060RW236_ORS01.DGN

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

DRAWING NO.	D-04-T-432
SURVEY	See attached survey
DRAWN/DATE	J CRUME/2006
ADOT REVIEW	C. WOODFORD
HUBBARD ENGINEERING 480-892-3313 Mesa, AZ jcrume@hubbardengineering.com Job # 26015	
ROUTE NO.: U.S. 60	LOCATION: County Line - Pinto Valley

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

HIGHWAY NAME: PHOENIX - GLOBE

FEDERAL AID NO.: Unassigned

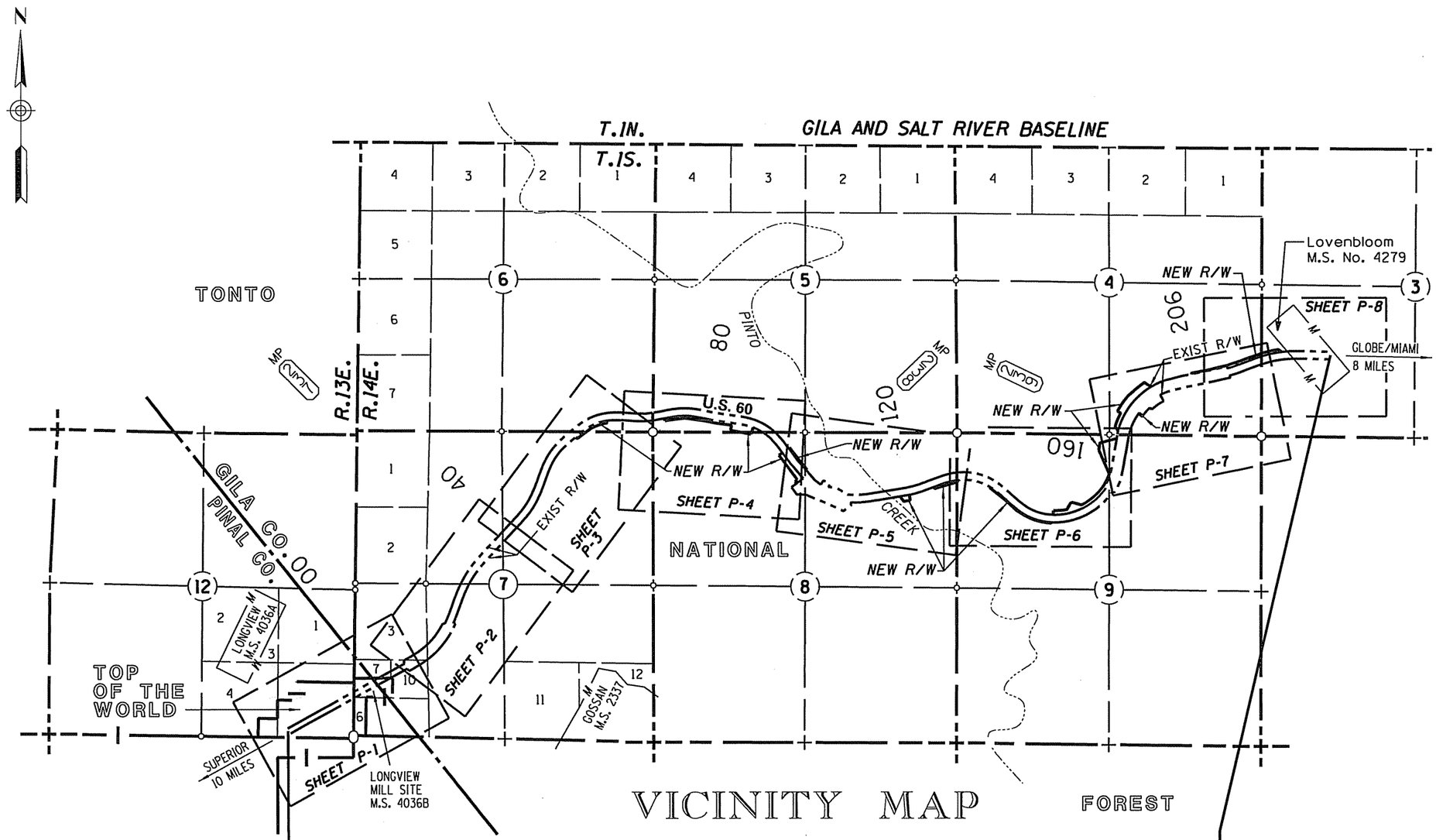
PROJECT NO.: 060 GI 236 H6140 01R

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
Date: 2011.04.29 10:03:25 -07'00'
(Expires 6-30-11)
ELECTRONIC SEAL
http://www.hr.state.az.us/
Certified Federal Surveyor No. 1293
(Expires 10-2-11)
http://www.cfsls.org/roster.asp

SHEET ORS-1

Click here for US 60 Index

Click here for US 60 Index



INDEX TO EXISTING ADOT R/W

# ID.	LOCATION	SEC.	T.	R.	ACQ. FROM	TYPE	BK./DKT.	PAGE	WIDTH	YEAR	PARCEL NO.

CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-04-T-432
SURVEY	See attached survey
DRAWN/DATE	J CRUME/2006
ADOT REVIEW	C. WOODFORD

HUBBARD ENGINEERING 480-892-3313 Mesa, AZ
jcrume@hubbardengineering.com Job # 26015

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

HIGHWAY NAME: PHOENIX - GLOBE

FEDERAL AID NO.: Unassigned

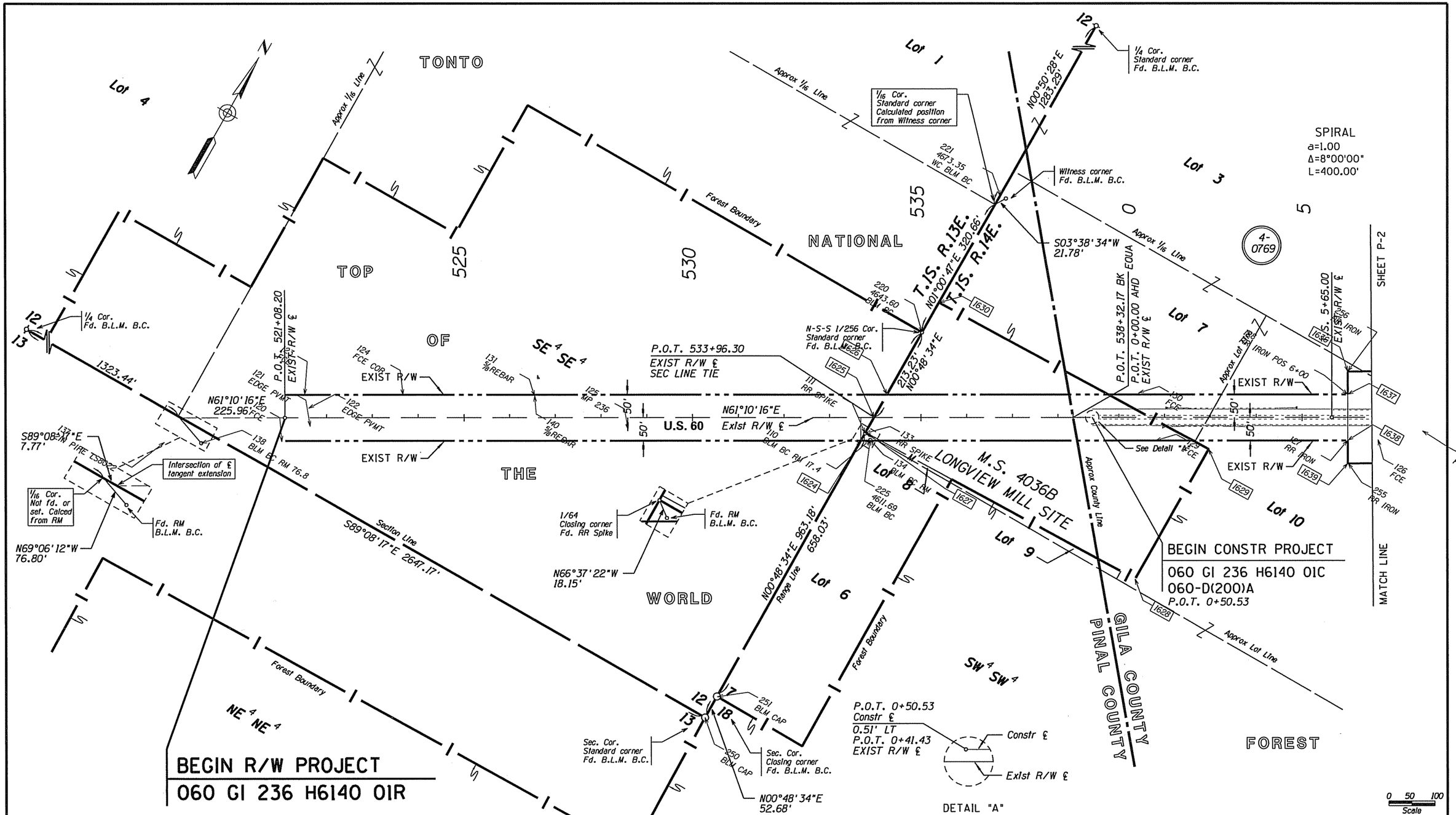
PROJECT NO.: 060 GI 236 H6140 01R

ROUTE NO.: U.S. 60

LOCATION: County Line - Pinto Valley

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
Date: 2011.04.29 10:02:25 -07'00'
(Expires 6-30-11)
ELECTRONIC SEAL
http://www.btr.state.az.us/
Certified Federal Surveyor No. 1293
(Expires 10-2-11)
http://www.efcds.org/roster.asp

SHEET VM-1



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

DRAWING NO.	D-04-T-432
SURVEY	See attached survey
DRAWN/DATE	J CRUME/2006
ADOT REVIEW	C. WOODFORD
HUBBARD ENGINEERING 480-892-3313 Mesa, AZ jcrume@hubbardengineering.com Job # 26015	
ROUTE NO.: U.S. 60	LOCATION: County Line - Pinto Valley

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

HIGHWAY NAME: PHOENIX - GLOBE
FEDERAL AID NO.: Unassigned
PROJECT NO.: 060 GI 236 H6140 01R

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
Date: 2011.04.29 10:01:26 -07'00'
(Expires 6-30-11)
ELECTRONIC SEAL
http://www.hr.state.az.us/
Certified Federal Surveyor No. 1293
(Expires 10-2-11)
http://www.cfeds.org/roster.asp

SHEET P-1

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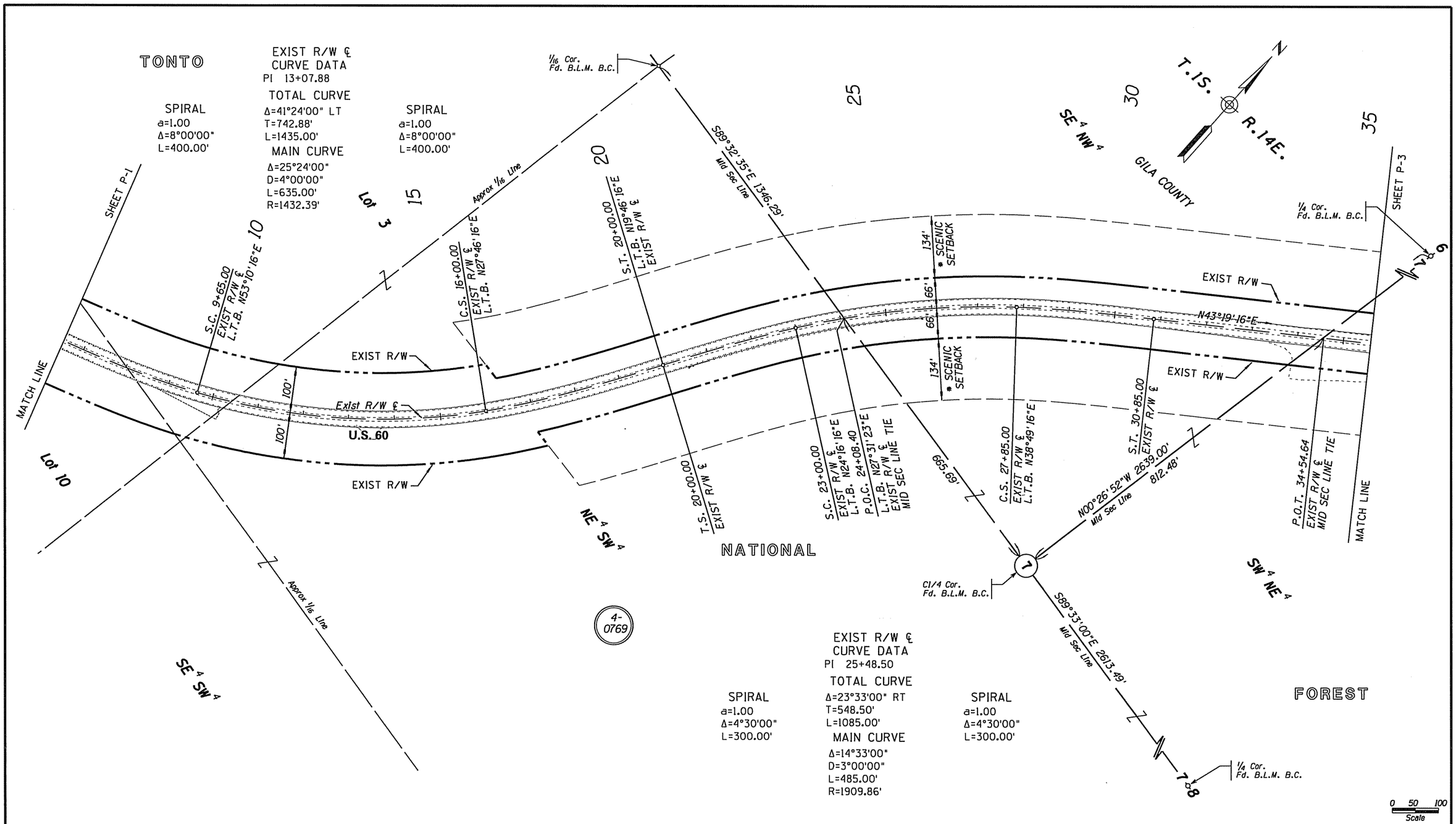

* SEE NOTE ON RS-4

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

DRAWING NO.	D-04-T-432
SURVEY	See attached survey
DRAWN/DATE	J CRUME/2006
ADOT REVIEW	C. WOODFORD

HUBBARD ENGINEERING 480-892-3313 Mesa, AZ
jcrumeshubbardengineering.com Job # 26015

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

HIGHWAY NAME: PHOENIX - GLOBE

FEDERAL AID NO.: Unassigned

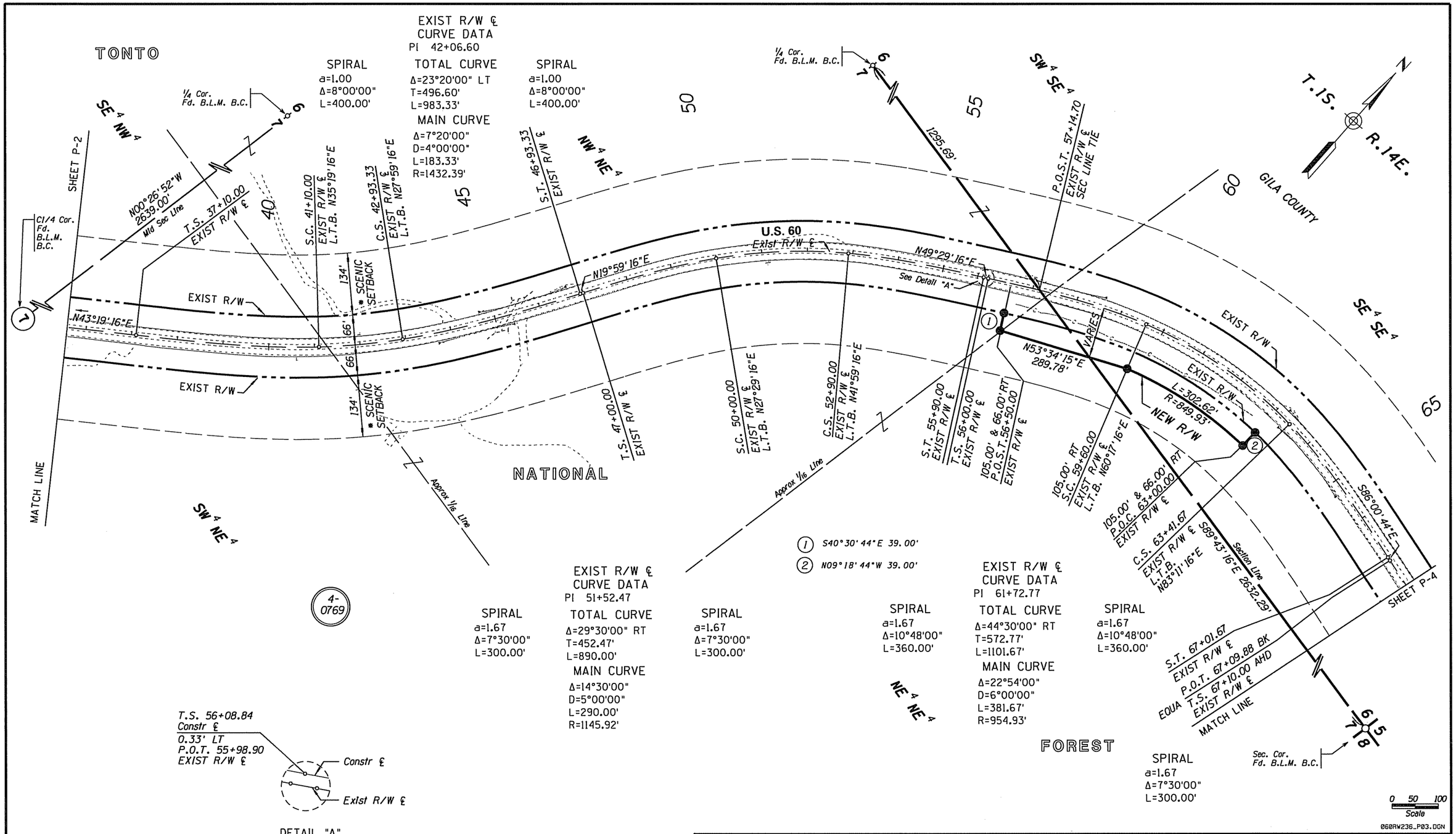
PROJECT NO.: 060 GI 236 H6140 01R

ROUTE NO.: U.S. 60

LOCATION: County Line - Pinto Valley

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
Date: 2011.04.29 10:00:36 -07'00'
(Expires 6-30-11)
ELECTRONIC SEAL
http://www.btr.state.az.us/
Certified Federal Surveyor No. 1293
(Expires 10-2-11)
http://www.cfeds.org/roster.asp

SHEET P-2



* SEE NOTE ON RS-5

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

DRAWING NO.	D-04-T-432
SURVEY	See attached survey
DRAWN/DATE	J CRUME/2006
ADOT REVIEW	C. WOODFORD

HUBBARD ENGINEERING 480-892-3313 Mesa, AZ
jcrume@hubbardengineering.com Job # 26015

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

HIGHWAY NAME: PHOENIX - GLOBE
FEDERAL AID NO.: Unassigned
PROJECT NO.: 060 GI 236 H6140 01R
ROUTE NO.: U.S. 60
LOCATION: County Line - Pinto Valley

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
Date: 2011.04.29 09:59:08 -07'00'
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ELECTRONIC SEAL
http://www.btr.state.az.us/
Certified Federal Surveyor No. 1293
(Expires 10-2-11)
http://www.cfsls.org/notice.asp

SHEET P-3

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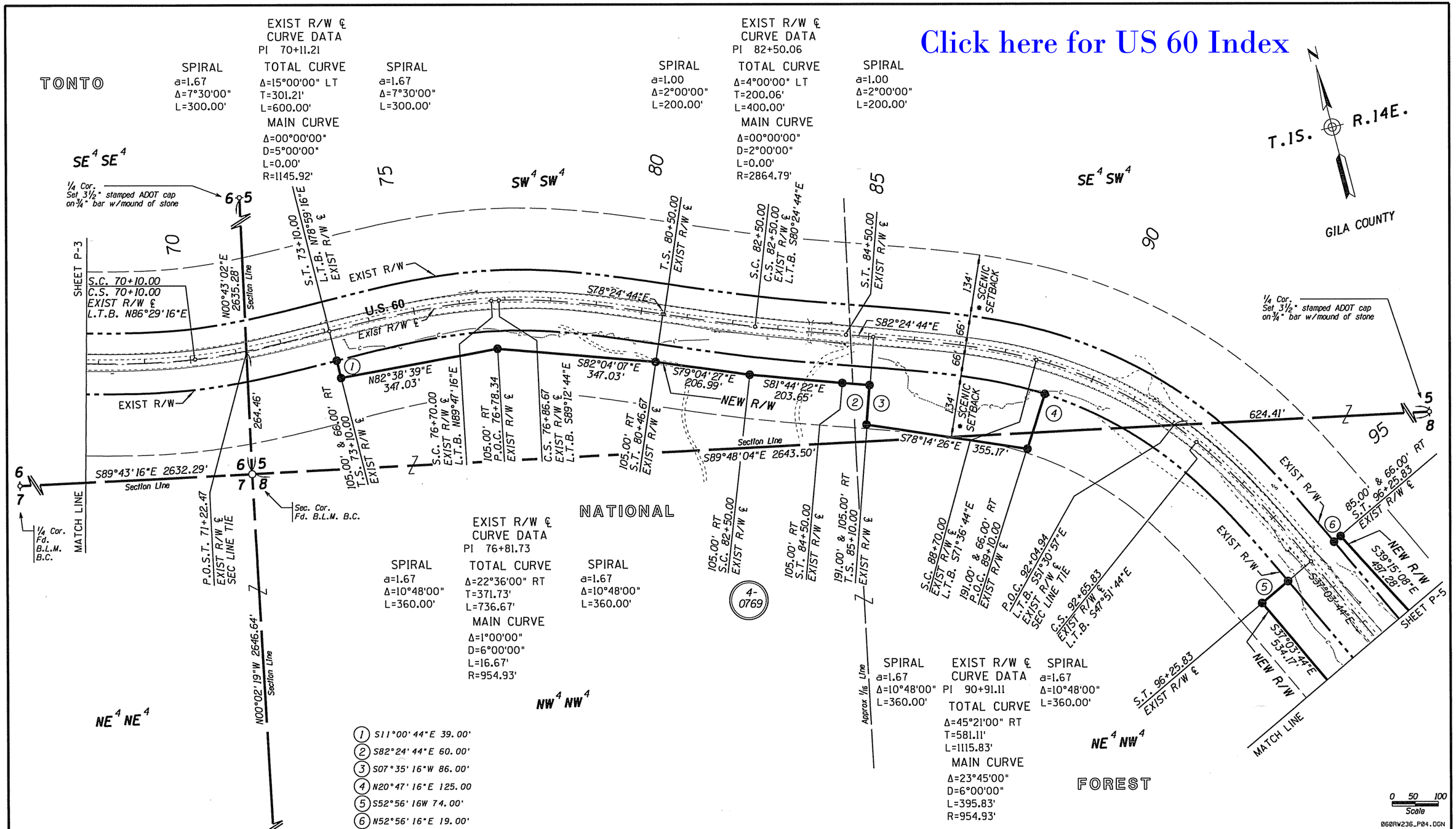

CHANGE ORDER REVISIONS			
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DRAWING NO.	D-04-T-432
SURVEY	See attached survey
DRAWN/DATE	J CRUME/2006
ADOT REVIEW	C. WOODFORD
HUBBARD ENGINEERING 480-892-3313 Mesa, AZ jcrume@hubbardengineering.com Job # 26015	
ROUTE NO.: U.S. 60	LOCATION: County Line - Pinto Valley

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

HIGHWAY NAME: PHOENIX - GLOBE
FEDERAL AID NO.: Unassigned
PROJECT NO.: 060 GI 236 H6140 01R

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
Date: 2011.04.29 09:57:38 -07'00'
(Expires 6-30-11) ELECTRONIC SEAL http://www.btr.state.az.us/
Certified Federal Surveyor No. 1293 (Expires 10-2-11) http://www.cfeds.org/roster.asp

SHEET P-4

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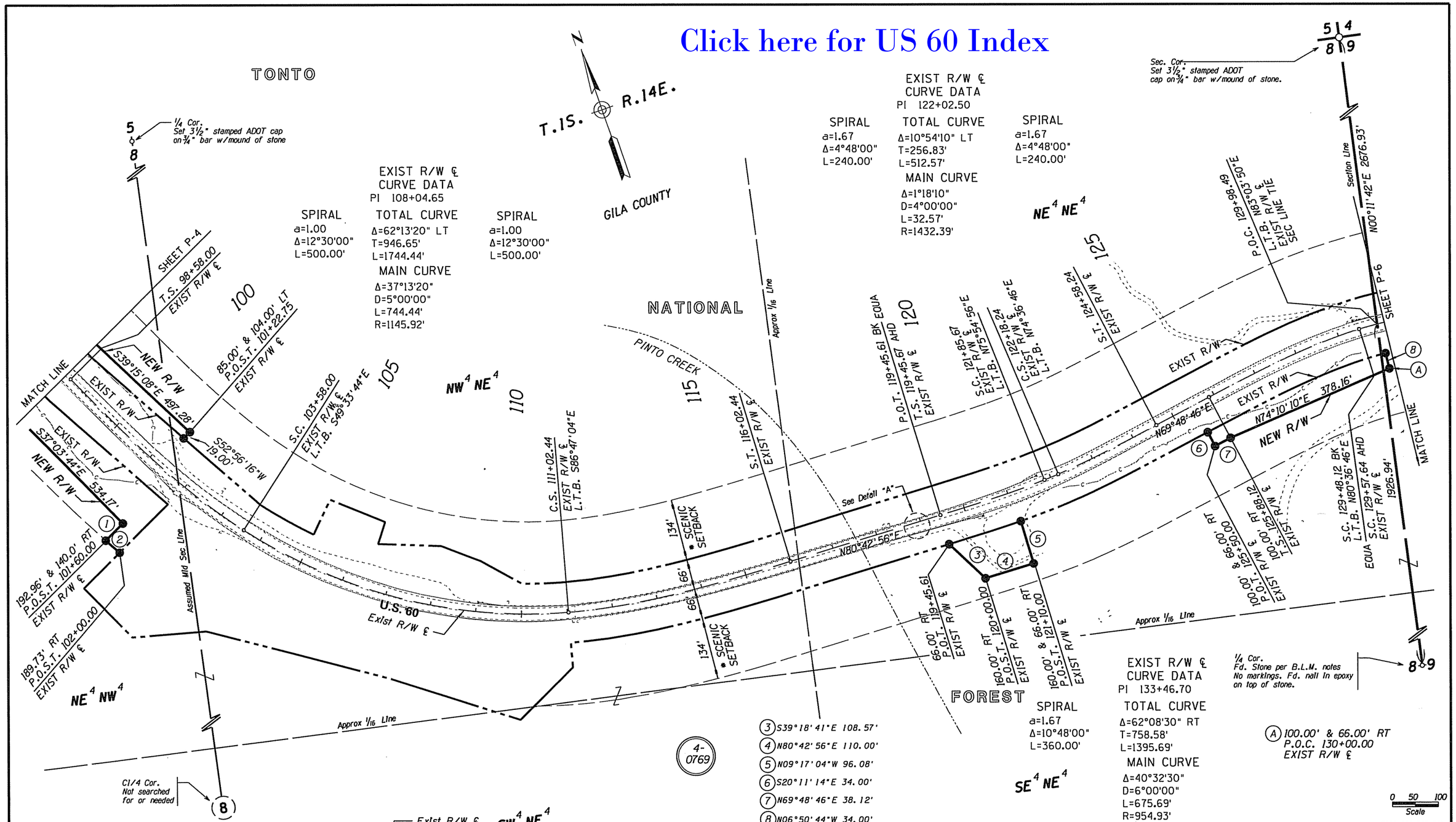

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-04-T-432
SURVEY	See attached survey
DRAWN/DATE	J CRUME/2006
ADOT REVIEW	C. WOODFORD
HUBBARD ENGINEERING 480-892-3313 Mesa, AZ jcrume@hubbardengineering.com Job # 26015	
ROUTE NO.: U.S. 60	LOCATION: County Line - Pinto Valley

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

HIGHWAY NAME: PHOENIX - GLOBE

FEDERAL AID NO.: Unassigned

PROJECT NO.: 060 GI 236 H6140 01R

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
Date: 2011.04.29 09:56:50 -07'00'
(Expires 6-30-11)
ELECTRONIC SEAL
http://www.hr.state.az.us
Certified Federal Surveyor No. 1293
(Expires 10-2-11)
http://www.cfeds.org/notes.asp

SHEET P-5

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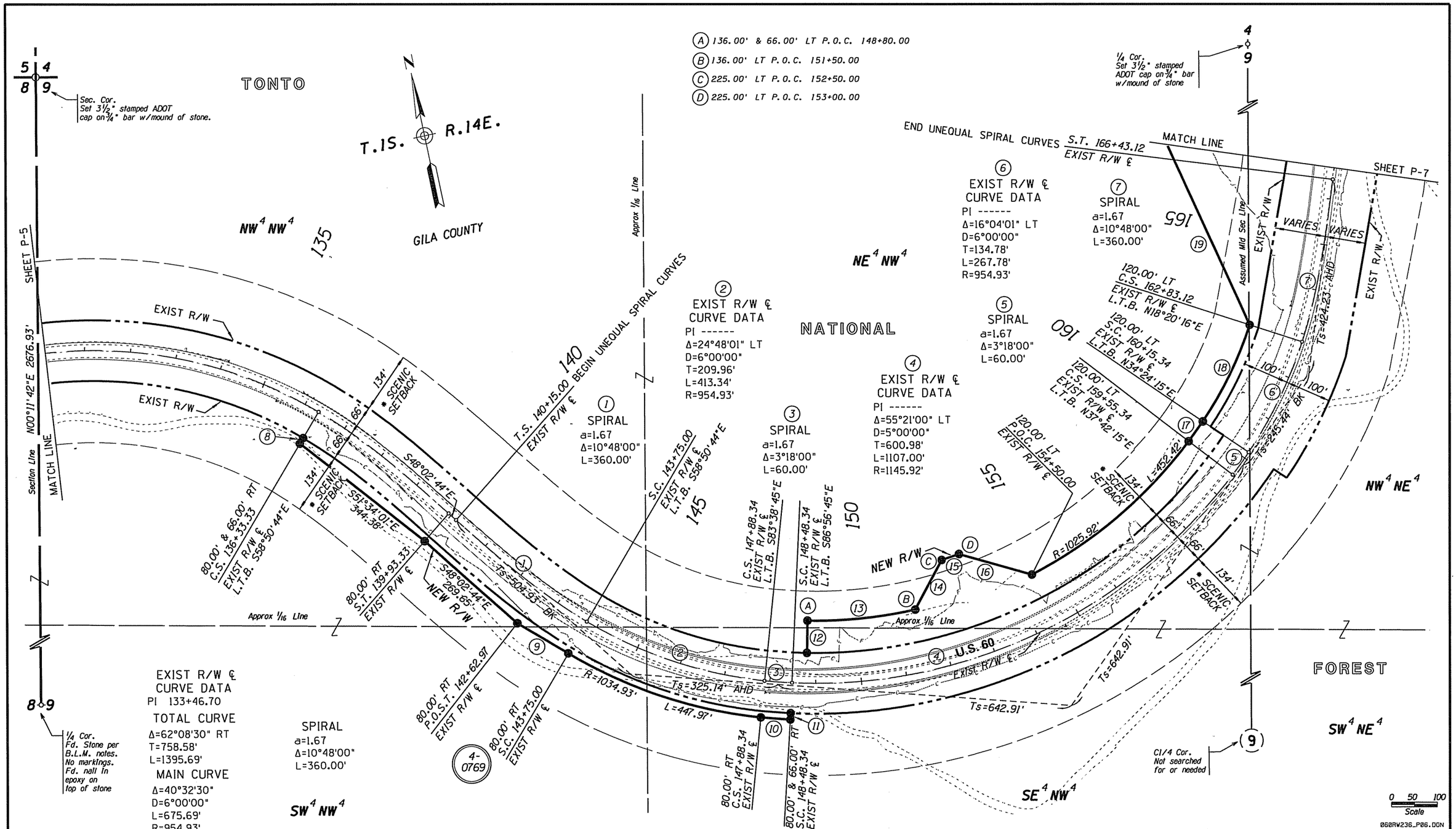

(8) S31°09'17"W 14.00'
(9) S58°50'44"E 128.00'
(10) S85°19'16"E 64.60'
(11) N03°03'16"E 14.00'
(12) N01°28'17"E 70.00'
(13) R=1009.92' L=237.96'
(14) N28°55'07"E 122.47'
(15) N71°43'17"E 40.18'
(16) S73°49'43"E 164.90'
(17) N36°05'26"E 53.08'
(18) R=834.93' L=234.13'
(19) N24°06'54"W 446.97'

* SEE NOTE ON RS-8

CHANGE ORDER REVISIONS			
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DRAWING NO.	D-04-T-432
SURVEY	See attached survey
DRAWN/DATE	J CRUME/2006
ADOT REVIEW	C. WOODFORD
HUBBARD ENGINEERING 480-892-3313 Mesa, AZ jcrume@hubbardengineering.com Job # 26015	
ROUTE NO.: U.S. 60	LOCATION: County Line - Pinto Valley

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

HIGHWAY NAME: PHOENIX - GLOBE
FEDERAL AID NO.: Unassigned
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http://www.bir.state.az.us/
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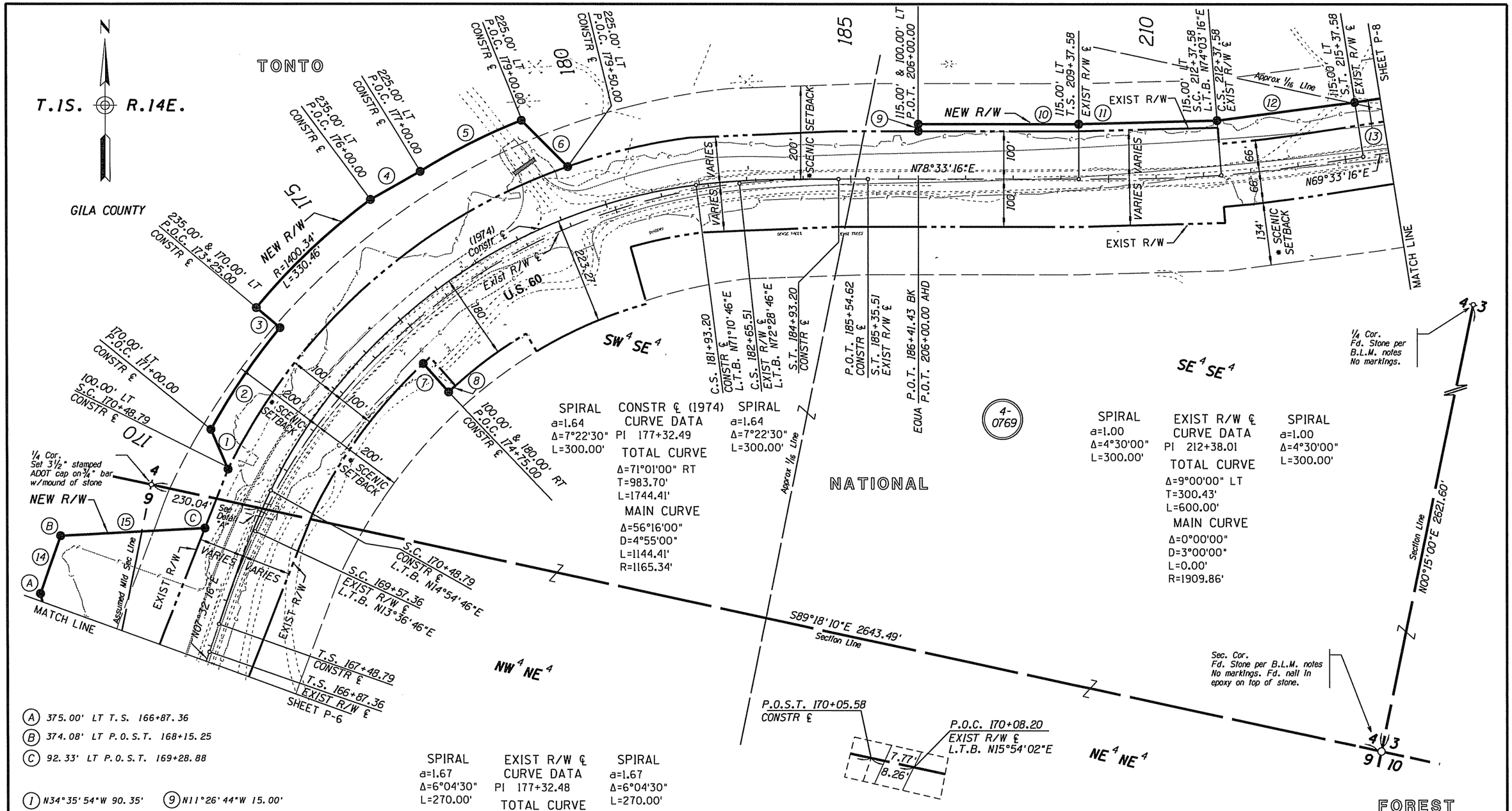
(Expires 10-2-11)
http://www.cfeds.org/roster.asp

SHEET P-6



(A) 375.00' LT T.S. 166+87.36
(B) 374.08' LT P.O.S.T. 168+15.25
(C) 92.33' LT P.O.S.T. 169+28.88

(1) N34°35'54"W 90.35'
(2) R=1335.34' L=257.82'
(3) N61°30'25"W 65.00'
(4) N49°14'36"E 120.12'
(5) R=1390.34' L=238.62
(6) S56°30'46"E 137.34'
(7) S53°24'19"E 80.00'
(8) R=985.34' L=19.19'
(9) N11°26'44"W 15.00'
(10) N78°33'16"E 337.56'
(11) N77°04'40"E 290.89'
(12) N71°01'52"E 290.89'
(13) N69°33'16"E 77.40
(14) N07°57'00"E 127.89'
(15) N75°34'25"E 303.80'

* SEE NOTE ON RS-9

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

DRAWING NO.	D-04-T-432	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION
SURVEY	See attached survey	HIGHWAY NAME: PHOENIX - GLOBE
DRAWN/DATE	J CRUME/2006	
ADOT REVIEW	C. WOODFORD	FEDERAL AID NO.: Unassigned
HUBBARD ENGINEERING 480-892-3313 Mesa, AZ jcrume@hubbardengineering.com Job # 26015		PROJECT NO.: 060 GI 236 H6140 01R
ROUTE NO.: U.S. 60	LOCATION: County Line - Pinto Valley	

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
Date: 2011.04.29 09:55:27 -07'00'
(Expires 6-30-11)
ELECTRONIC SEAL
http://www.bir.state.az.us/
Certified Federal Surveyor No. 1293
(Expires 10-2-11)
http://www.efleds.org/roster.asp

SHEET P-7

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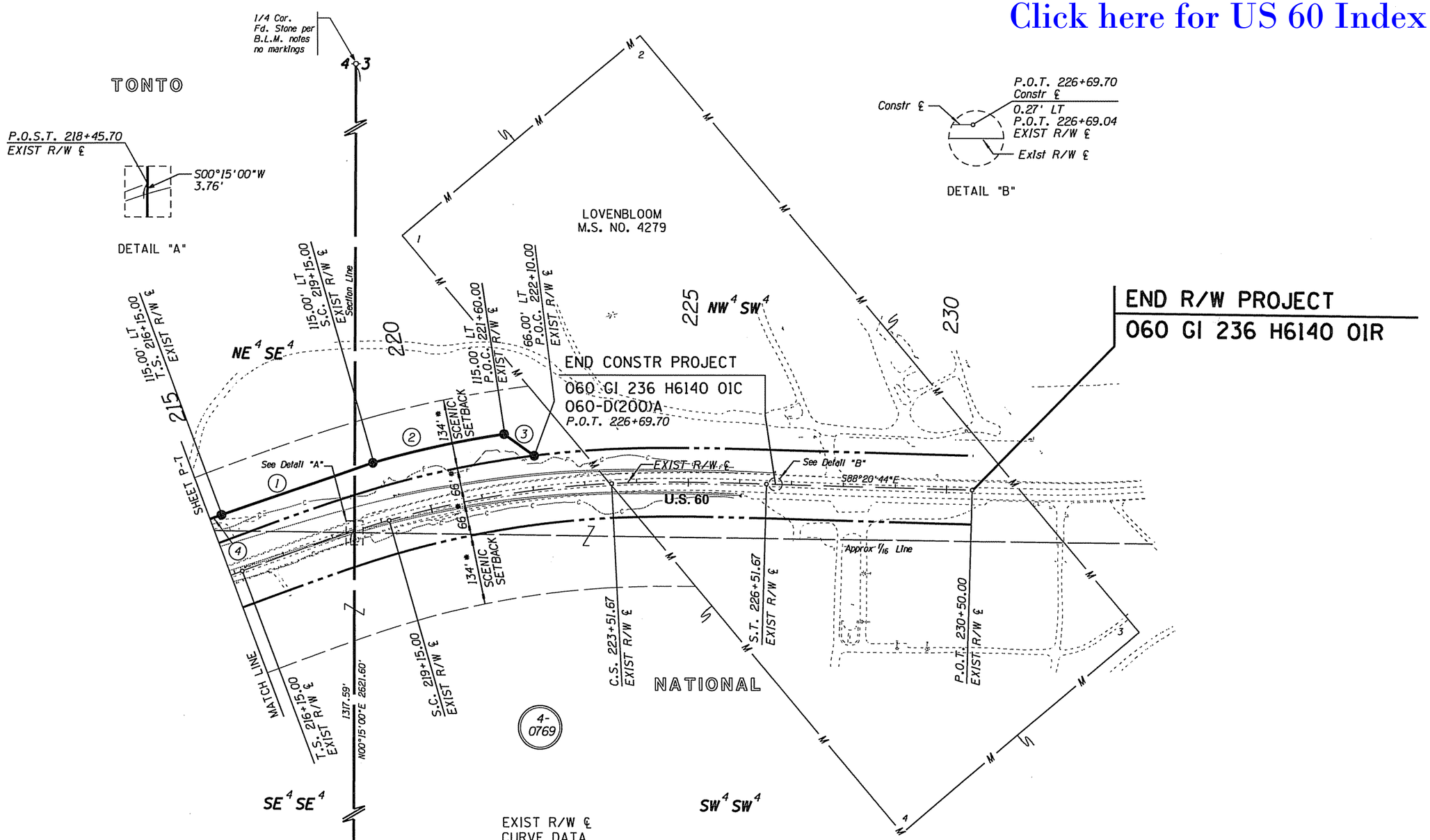


EXIST R/W ℄
CURVE DATA
PI 221+38.32

TOTAL CURVE
Δ=22°06'00" RT
T=523.32'
L=1036.67'

SPIRAL
a=1.00
Δ=4°30'00"
L=300.00'

MAIN CURVE
Δ=13°06'00" RT
D=3°00'00"
L=436.67'
R=1909.86'

SPIRAL
a=1.00
Δ=4°30'00"
L=300.00'

(1) N71°04'35"E 308.95'
(2) R=2024.86' L=259.75'
(3) S54°45'03E 71.71'
(4) N69°33'16"E 77.40'

0 50 100
Scale

060RW236_P08.DGN

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

DRAWING NO.	D-04-T-432
SURVEY	See attached survey
DRAWN/DATE	J CRUME/2006
ADOT REVIEW	C. WOODFORD

HUBBARD ENGINEERING 480-892-3313 Mesa, AZ
jcrumeehubbardengineering.com Job # 26015

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

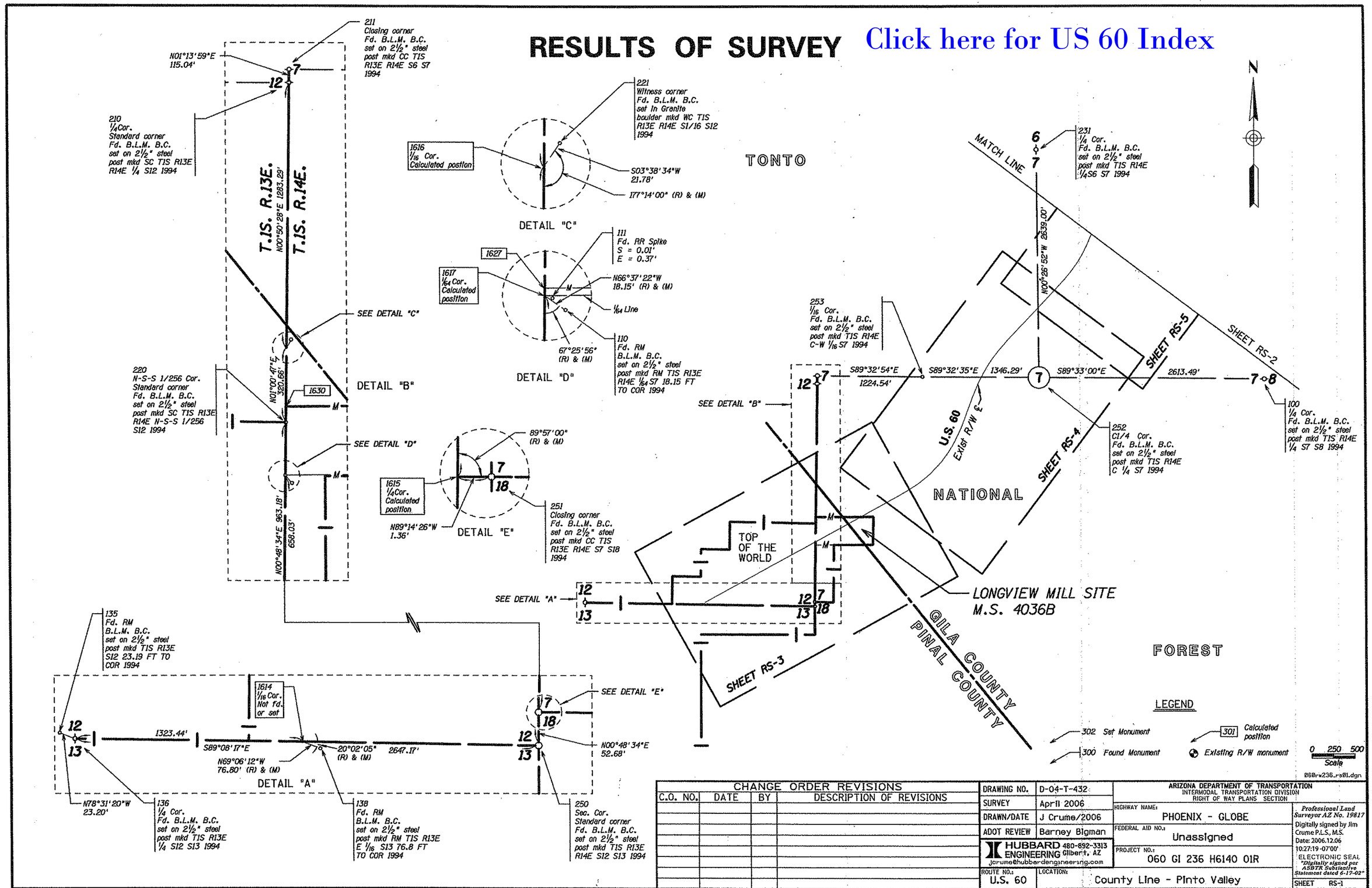
HIGHWAY NAME: PHOENIX - GLOBE
FEDERAL AID NO.: Unassigned
PROJECT NO.: 060 GI 236 H6140 01R
ROUTE NO.: U.S. 60
LOCATION: County Line - Pinto Valley

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
Date: 2011.04.29 09:54:49 -07'00'
(Expires 6-30-11)
ELECTRONIC SEAL
http://www.btr.state.az.us/
Certified Federal Surveyor No. 1293
(Expires 10-2-11)
http://www.efcds.org/roster.asp

SHEET P-8

RESULTS OF SURVEY

Click here for US 60 Index



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

DRAWING NO.	D-04-T-432
SURVEY	April 2006
DRAWN/DATE	J Crume/2006
ADOT REVIEW	Barney Bigman
HUBBARD ENGINEERING 480-892-3313 Gilbert, AZ jcrume@hubbardengineering.com	
ROUTE NO.: U.S. 60	LOCATION: County Line - Pinto Valley

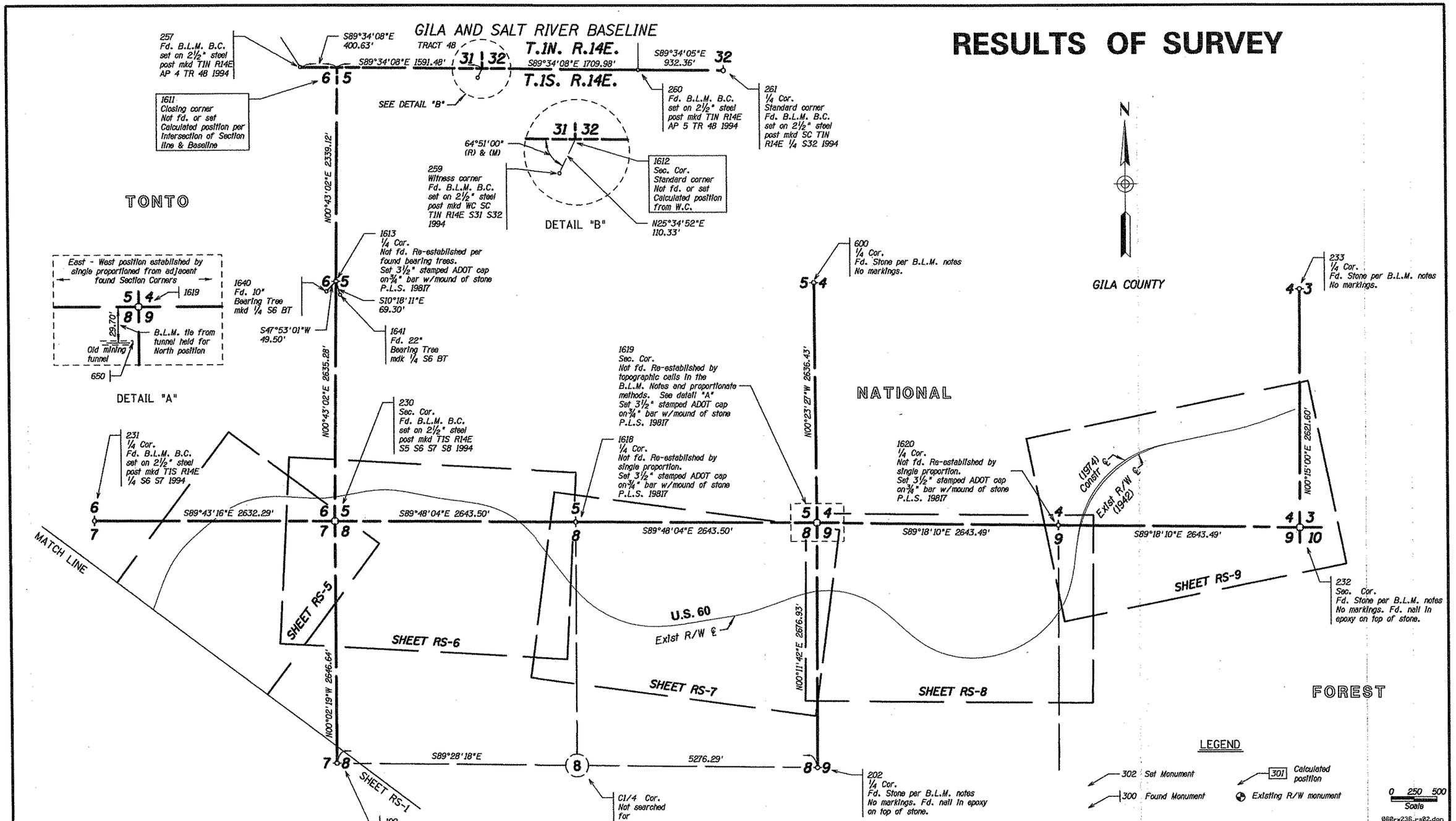
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME:	PHOENIX - GLOBE
FEDERAL AID NO.:	Unassigned
PROJECT NO.:	060 GI 236 H6140 01R

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume P.L.S., M.S.
Date: 2006.12.06 10:27:19 -07'00'
ELECTRONIC SEAL
"Digitally signed per ASBTR Substantive Statement dated 6-17-02"

SHEET RS-1

RESULTS OF SURVEY



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

DRAWING NO.	D-04-T-432
SURVEY	April 2006
DRAWN/DATE	J Crume/2006
ADOT REVIEW	Barney Bigman
HUBBARD ENGINEERING 480-892-3313 Gilbert, AZ jcrume@hubbardengineering.com	
ROUTE NO.: U.S. 60	LOCATION: County Line - Pinto Valley

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

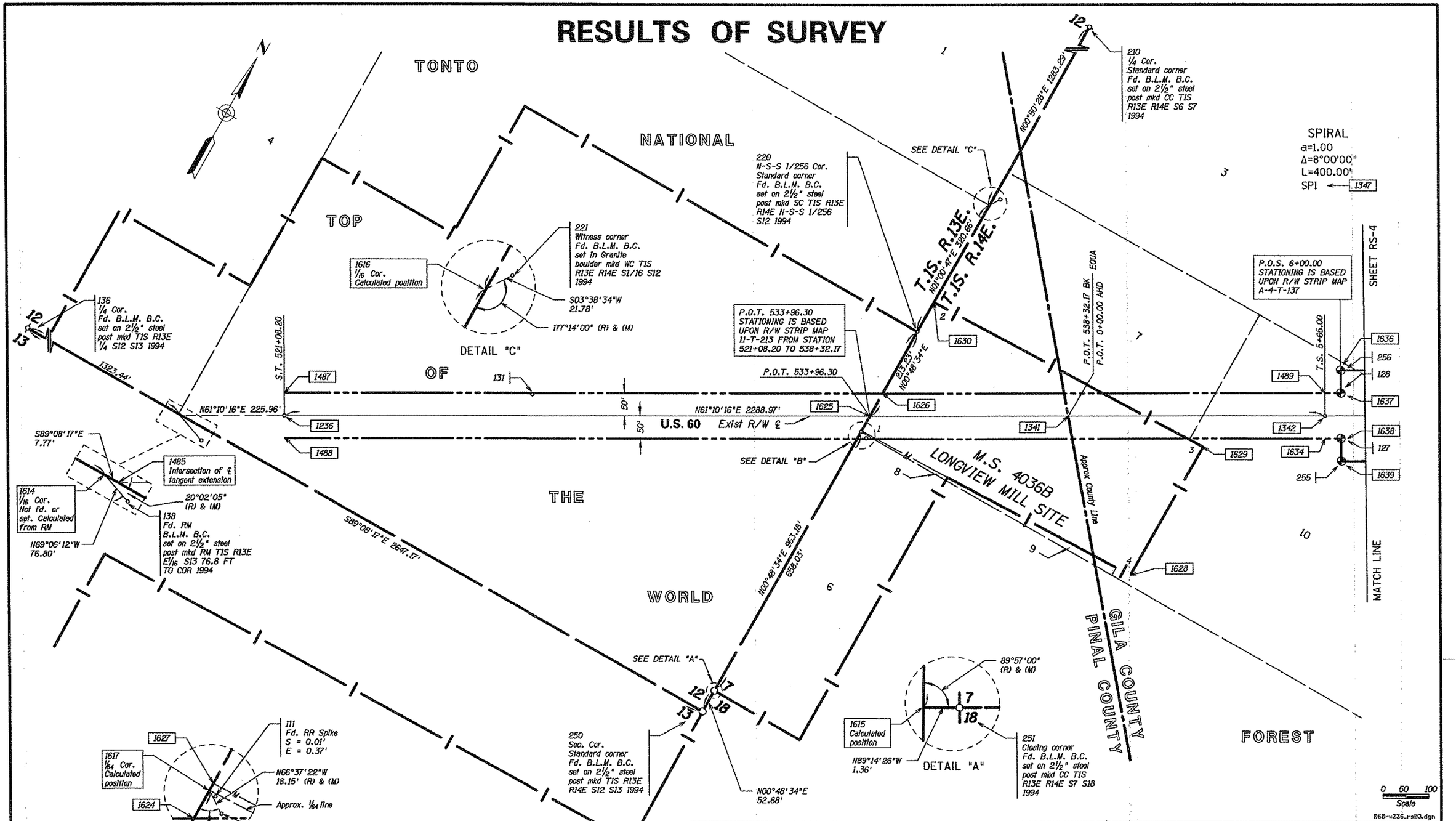
HIGHWAY NAME: PHOENIX - GLOBE
FEDERAL AID NO.: Unassigned
PROJECT NO.: 060 GI 236 H6140 01R

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume P.L.S., M.S.
Date: 2006.12.06 10:27:36 -07'00'
ELECTRONIC SEAL
"Digitally signed per ASBTR Substantive Statement dated 6-17-02"

SHEET RS-2

Click here for US 60 Index

RESULTS OF SURVEY



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

DRAWING NO.	D-04-T-432
SURVEY	April 2006
DRAWN/DATE	J Crume/2006
ADOT REVIEW	Barney Bigman
HUBBARD ENGINEERING 480-892-3313 Gilbert, AZ jcrume@hubbardengineering.com	
ROUTE NO.: U.S. 60	LOCATION: County Line - Pinto Valley

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

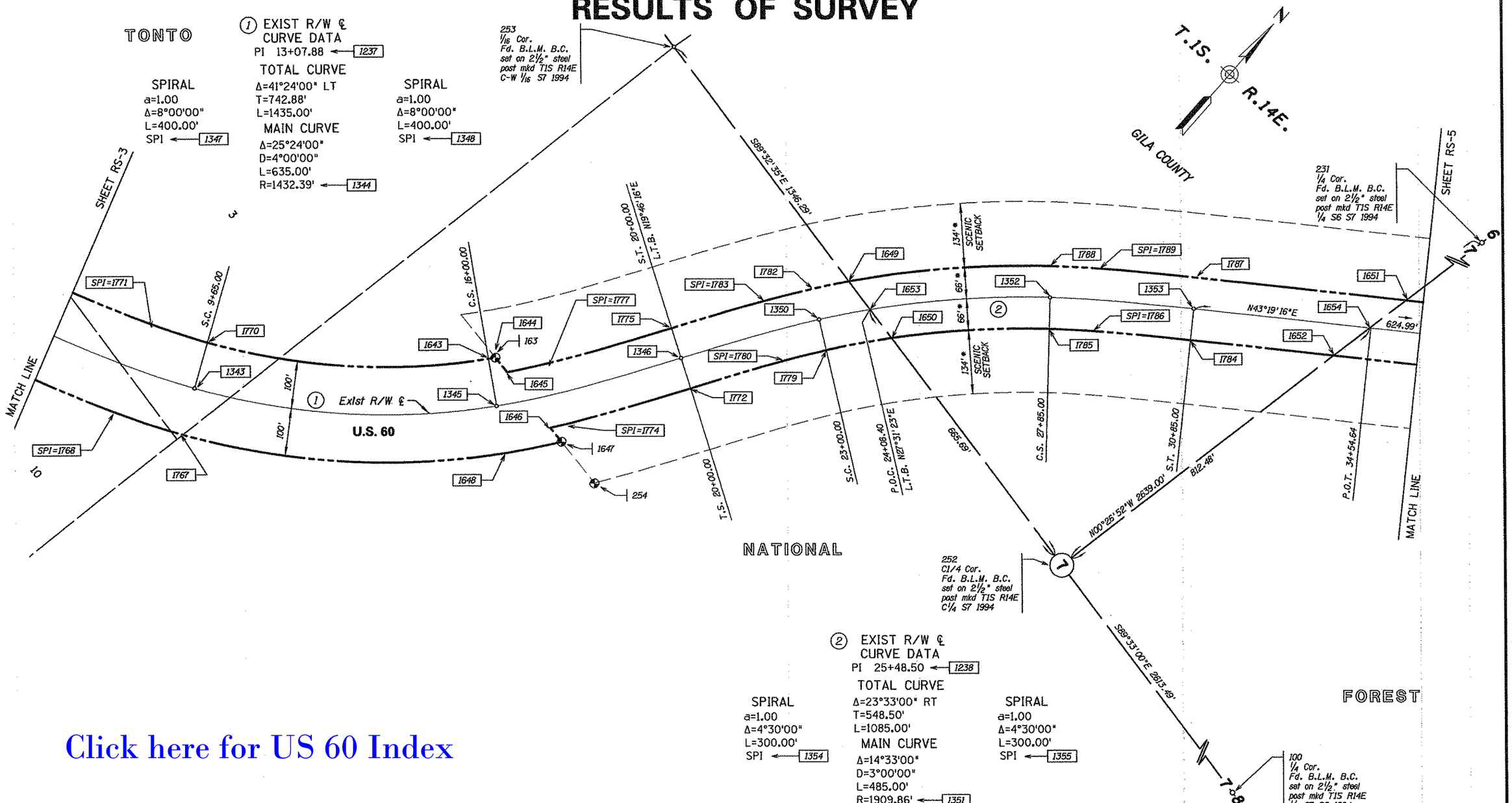
HIGHWAY NAME: PHOENIX - GLOBE
FEDERAL AID NO.: Unassigned
PROJECT NO.: 060 GI 236 H6140 01R

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume P.L.S.,M.S.
Date: 2006.12.06 10:27:51 -07'00'
ELECTRONIC SEAL
"Digitally signed per ASBTR Substantive Statement dated 6-17-02"

SHEET RS-3

Click here for US 60 Index

RESULTS OF SURVEY



Click here for US 60 Index

* DENOTES A U.S.F.S. SPECIAL USE PERMIT DATED 6-22-49 WHICH INCLUDES A 132' RIGHT OF WAY WHEREIN THE ROAD WILL BE PARAMOUNT, BUT, NO USE OR OCCUPANCY OTHER THAN FOR CONSTRUCTION AND MAINTENANCE OF THE ROAD IS AUTHORIZED WITHOUT PERMIT FROM THE FOREST SERVICE, AND A 132' WIDE PERMIT TO CONSTRUCT AND MAINTAIN A FENCE. WHERE THE FENCES ARE CONSTRUCTED OUTSIDE OF THE 132' RIGHT OF WAY, NO IMPROVEMENTS OTHER THAN THE FENCES SHALL BE CONSTRUCTED BY THE STATE EXCEPT BY AGREEMENT WITH THE FOREST SUPERVISOR.
A 400' WIDE SCENIC STRIP OF "SET BACK" WHEREIN NO CONSTRUCTION OTHER THAN THAT NECESSARY TO THE CONSTRUCTION OF THE HIGHWAY WILL BE ALLOWED, EXCEPT BY SPECIAL PERMIT FROM THE FOREST SERVICE.

LEGEND

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

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

DRAWING NO.	D-04-T-432
SURVEY	April 2006
DRAWN/DATE	J Crume/2006
ADOT REVIEW	Barney Bigman

HUBBARD ENGINEERING 480-892-3313 Gilbert, AZ
jcrume@hubbardengineering.com

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

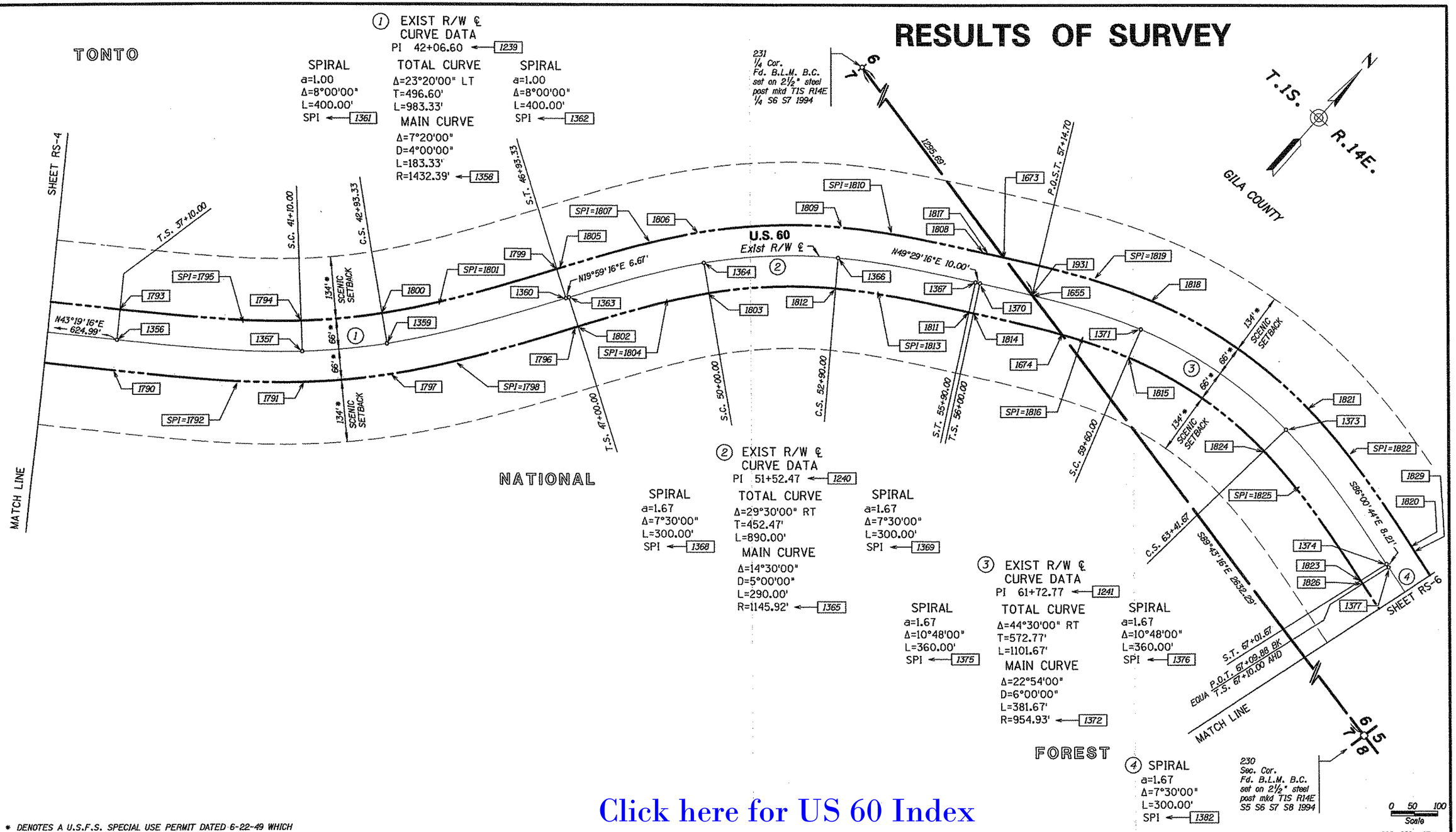
HIGHWAY NAME: PHOENIX - GLOBE
FEDERAL AID NO.: Unassigned
PROJECT NO.: 060 GI 236 H6140 01R
ROUTE NO.: U.S. 60
LOCATION: County Line - Pinto Valley

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume P.L.S., M.S.
Date: 2006.12.06 10:28:03 -07'00'
ELECTRONIC SEAL
"Digitally signed per ASBTR Substantive Statement dated 6-17-02"

SHEET RS-4

060rw236_rs04.dgn

RESULTS OF SURVEY



Click here for US 60 Index

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LEGEND

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

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

DRAWING NO.	D-04-T-432
SURVEY	April 2006
DRAWN/DATE	J Crume/2006
ADOT REVIEW	Barney Bigman
HUBBARD ENGINEERING 480-892-3313 Gilbert, AZ jcrume@hubbardengineering.com	
ROUTE NO.: U.S. 60	LOCATION: County Line - Pinto Valley

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

HIGHWAY NAME: PHOENIX - GLOBE
FEDERAL AID NO.: Unassigned
PROJECT NO.: 060 GI 236 H6140 01R

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume P.L.S., M.S.
Date: 2006.12.06 10:28:20 -07'00'
ELECTRONIC SEAL
"Digitally signed per ASBTR Substantive Statement dated 6-17-02"

SHEET RS-5

RESULTS OF SURVEY

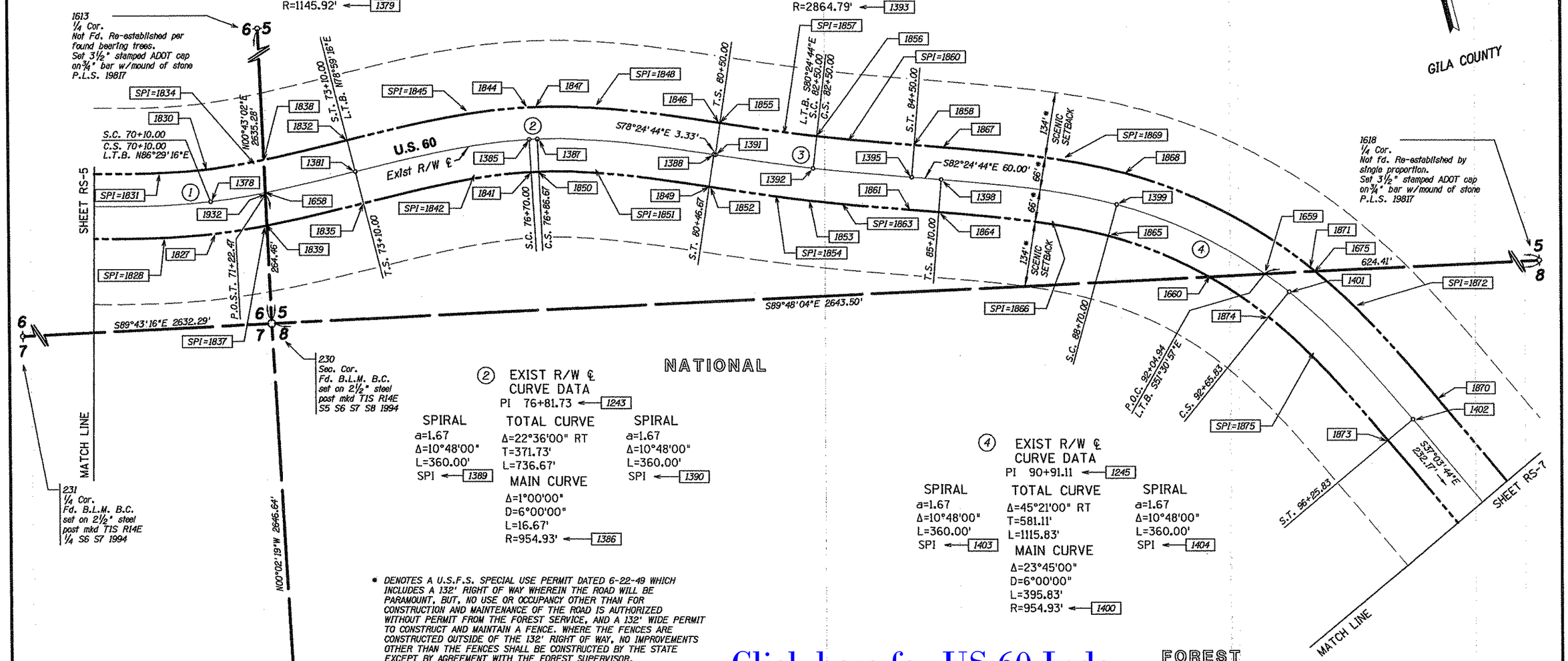
TONTO

① EXIST R/W ℄ CURVE DATA
PI 70+11.21 ← 1242

SPIRAL	TOTAL CURVE	SPIRAL
a=1.67	Δ=15°00'00" LT	a=1.67
Δ=7°30'00"	T=301.21'	Δ=7°30'00"
L=300.00'	L=600.00'	L=300.00'
SPI ← 1382	MAIN CURVE	SPI ← 1383
	Δ=00°00'00"	
	D=5°00'00"	
	L=0.00'	
	R=1145.92' ← 1379	

③ EXIST R/W ℄ CURVE DATA
PI 82+50.06 ← 1244

SPIRAL	TOTAL CURVE	SPIRAL
a=1.00	Δ=4°00'00" LT	a=1.00
Δ=2°00'00"	T=200.06'	Δ=2°00'00"
L=200.00'	L=400.00'	L=200.00'
SPI ← 1396	MAIN CURVE	SPI ← 1397
	Δ=00°00'00"	
	D=2°00'00"	
	L=0.00'	
	R=2864.79' ← 1393	



② EXIST R/W ℄ CURVE DATA
PI 76+81.73 ← 1243

SPIRAL	TOTAL CURVE	SPIRAL
a=1.67	Δ=22°36'00" RT	a=1.67
Δ=10°48'00"	T=371.73'	Δ=10°48'00"
L=360.00'	L=736.67'	L=360.00'
SPI ← 1389	MAIN CURVE	SPI ← 1390
	Δ=1°00'00"	
	D=6°00'00"	
	L=16.67'	
	R=954.93' ← 1386	

NATIONAL

④ EXIST R/W ℄ CURVE DATA
PI 90+91.11 ← 1245

SPIRAL	TOTAL CURVE	SPIRAL
a=1.67	Δ=45°21'00" RT	a=1.67
Δ=10°48'00"	T=581.11'	Δ=10°48'00"
L=360.00'	L=1115.83'	L=360.00'
SPI ← 1403	MAIN CURVE	SPI ← 1404
	Δ=23°45'00"	
	D=6°00'00"	
	L=395.83'	
	R=954.93' ← 1400	

FOREST

* DENOTES A U.S.F.S. SPECIAL USE PERMIT DATED 6-22-49 WHICH INCLUDES A 132' RIGHT OF WAY WHEREIN THE ROAD WILL BE PARAMOUNT, BUT, NO USE OR OCCUPANCY OTHER THAN FOR CONSTRUCTION AND MAINTENANCE OF THE ROAD IS AUTHORIZED WITHOUT PERMIT FROM THE FOREST SERVICE, AND A 132' WIDE PERMIT TO CONSTRUCT AND MAINTAIN A FENCE. WHERE THE FENCES ARE CONSTRUCTED OUTSIDE OF THE 132' RIGHT OF WAY, NO IMPROVEMENTS OTHER THAN THE FENCES SHALL BE CONSTRUCTED BY THE STATE EXCEPT BY AGREEMENT WITH THE FOREST SUPERVISOR.
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Click here for US 60 Index

LEGEND

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

0 50 100
Scale

868r236_rs06.dgn

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

DRAWING NO.	D-04-T-432
SURVEY	April 2006
DRAWN/DATE	J Crume/2006
ADOT REVIEW	Barney Bigman

HUBBARD ENGINEERING 480-892-3313 Gilbert, AZ
jcrume@hubbardengineering.com

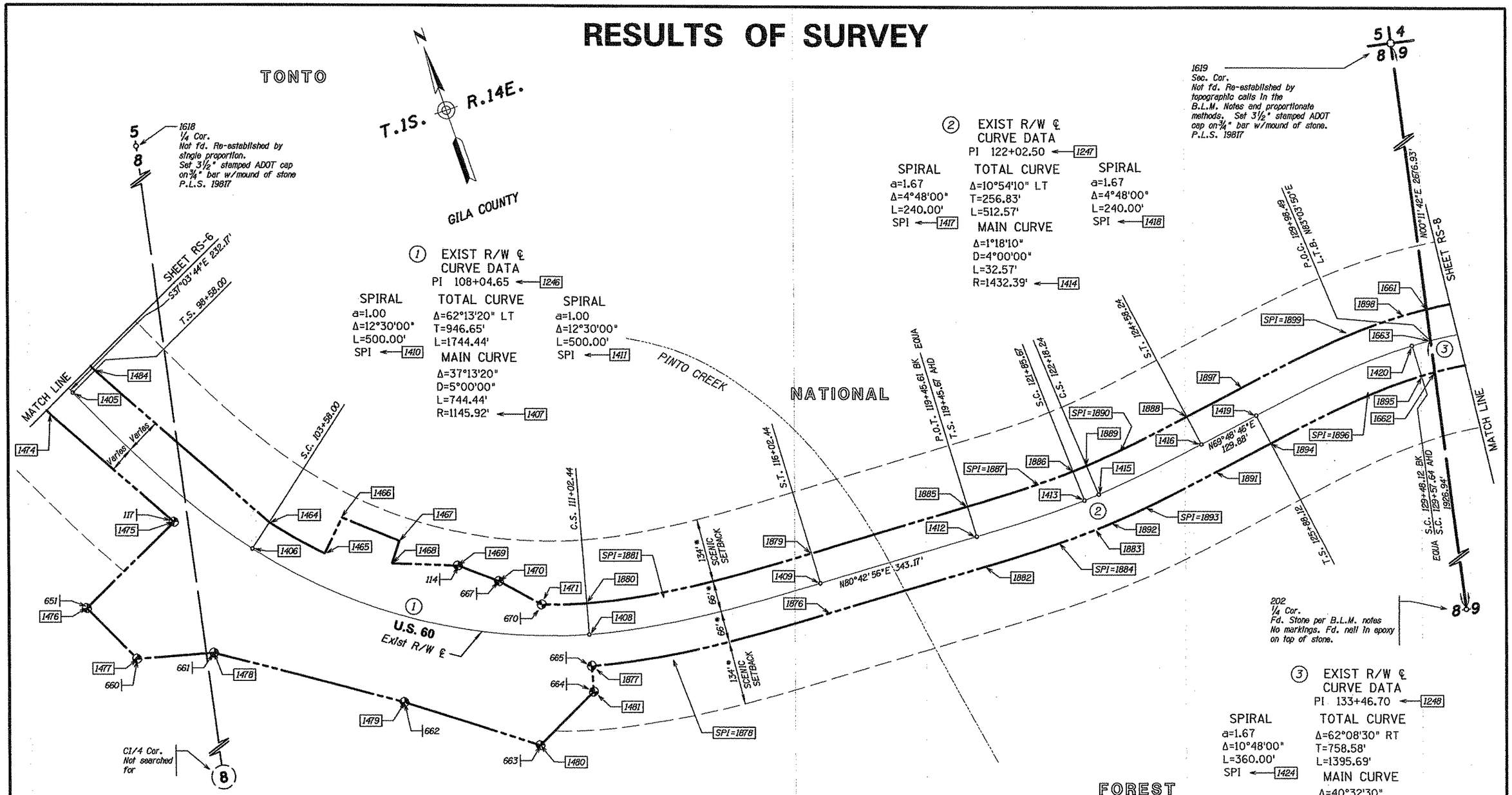
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: PHOENIX - GLOBE
FEDERAL AID NO.: Unassigned
PROJECT NO.: 060 GI 236 H6140 01R
ROUTE NO.: U.S. 60
LOCATION: County Line - Pinto Valley

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume P.L.S. M.S.
Date: 2006.12.06 10:28:32 -07'00'
ELECTRONIC SEAL
"Digitally signed per ASBTR Substantive Statement dated 6-17-02"

SHEET RS-6

RESULTS OF SURVEY



Click here for US 60 Index

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LEGEND

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

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

DRAWING NO.	D-04-T-432
SURVEY	April 2006
DRAWN/DATE	J Crume/2006
ADOT REVIEW	Barney Bigman
HUBBARD ENGINEERING 480-892-3313 Gilbert, AZ jcrume@hubbardengineering.com	
ROUTE NO.	U.S. 60
LOCATION:	County Line - Pinto Valley

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

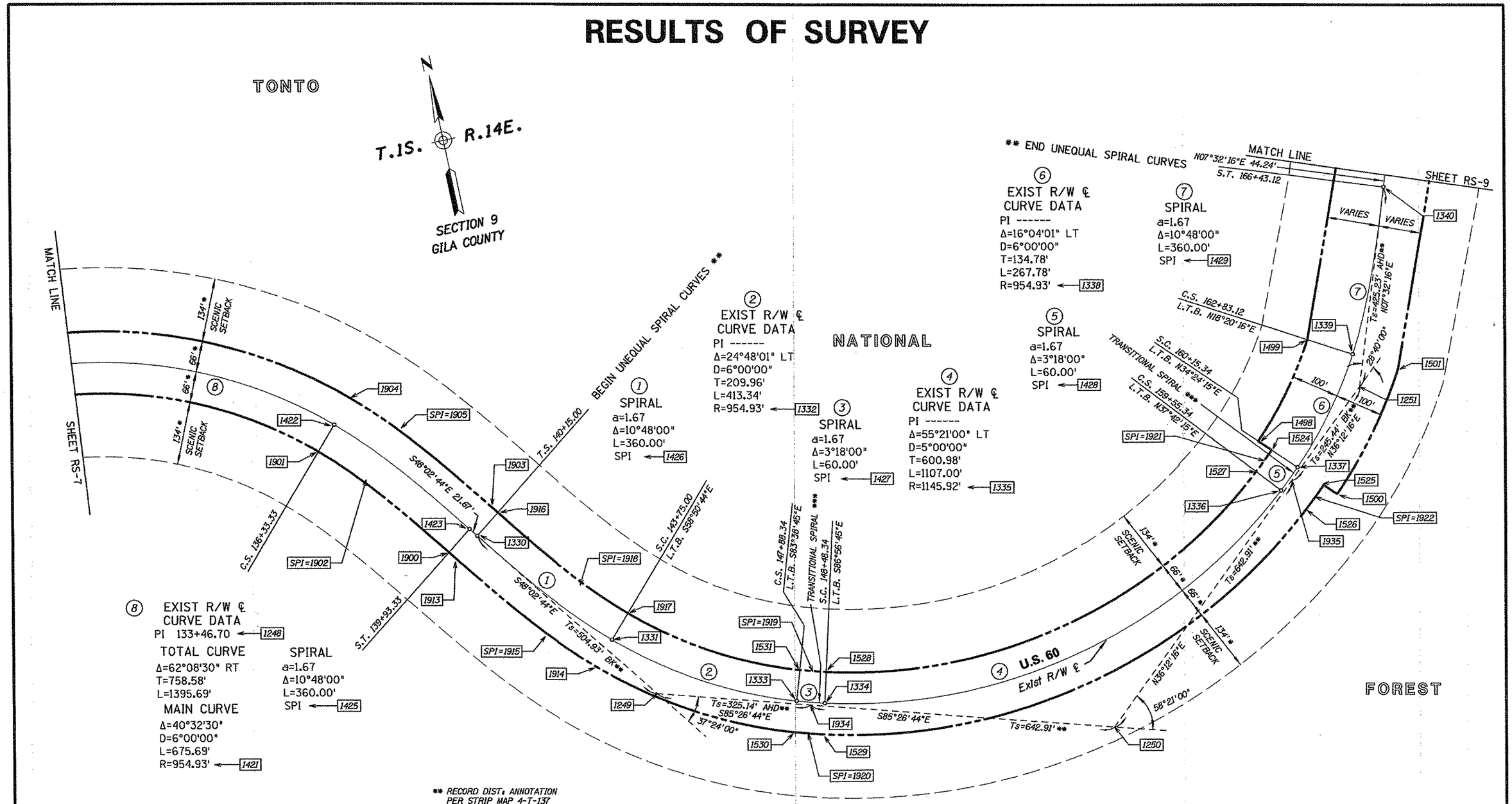
HIGHWAY NAME: PHOENIX - GLOBE
FEDERAL AID NO.: Unassigned
PROJECT NO.: 060 GI 236 H6140 01R

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume P.L.S., M.S.
Date: 2006.12.06 10:28:46 -07'00'
ELECTRONIC SEAL
"Digitally signed per ASBTR Substantive Statement dated 6-17-02"

SHEET RS-7

060rw236_rs07.dgn

RESULTS OF SURVEY



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** RECORD DIST. ANNOTATION PER STRIP MAP 4-T-137

*** TRANSITIONAL SPIRAL CALCULATED USING FORMULAS AND RELATIONSHIPS SHOWN ON PLAN NO. 55.30, REVISED DATE OF 1/82, OF 1986 ADOT ROADWAY GUIDES FOR USE IN OFFICE AND FIELD.

LEGEND

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

Click here for US 60 Index

0 50 100
Scale

060rw236_rs08.dgn

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

DRAWING NO.	D-04-T-432
SURVEY	April 2006
DRAWN/DATE	J Crume/2006
ADOT REVIEW	Barney Bigman

HUBBARD ENGINEERING 480-892-3313 Gilbert, AZ
jcrume@hubbardengineering.com

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

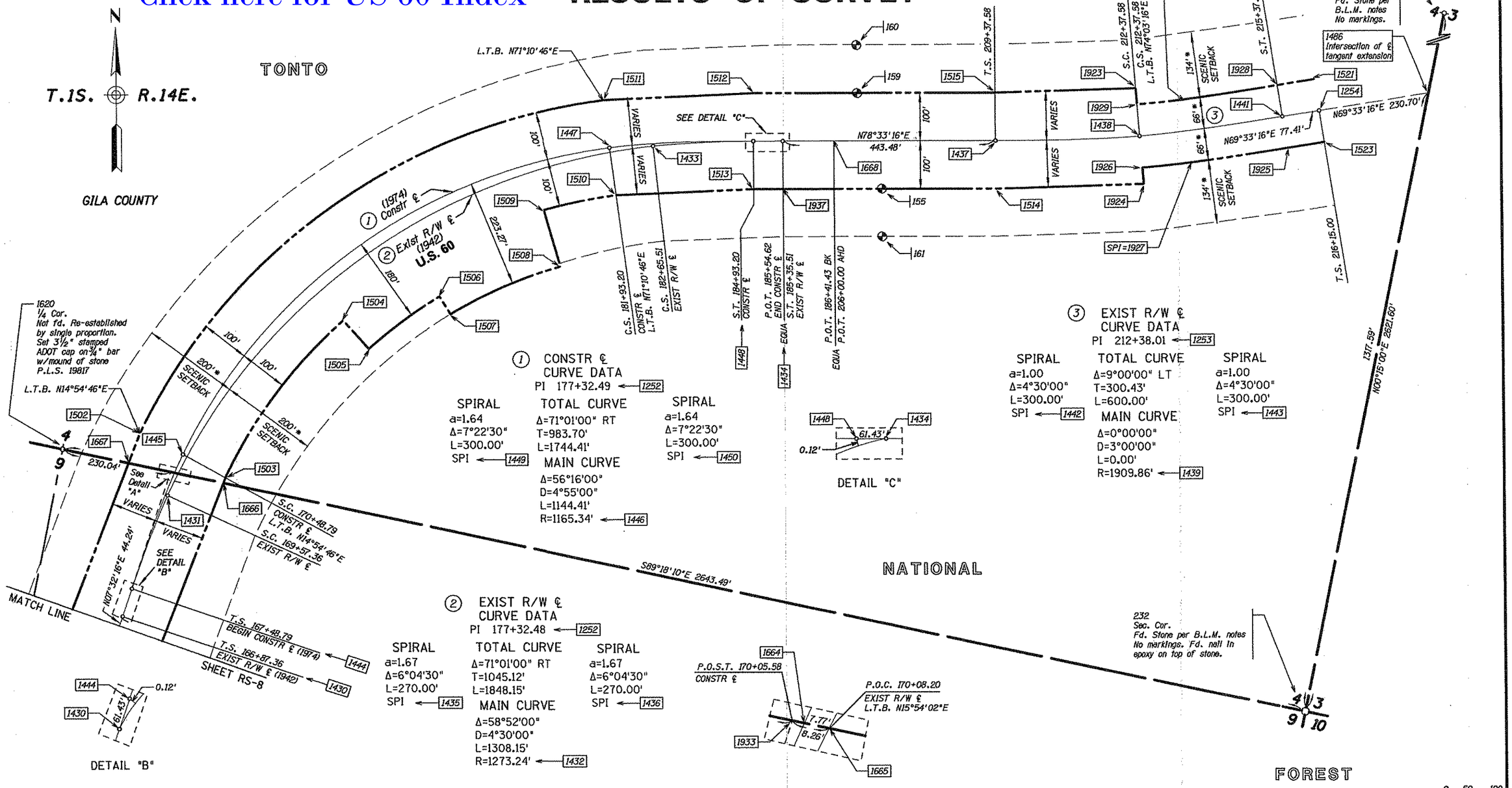
HIGHWAY NAME: PHOENIX - GLOBE
FEDERAL AID NO.: Unassigned
PROJECT NO.: 060 GI 236 H6140 01R
ROUTE NO.: U.S. 60
LOCATION: County Line - Pinto Valley

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume P.L.S., M.S.
Date: 2006.12.06 10:28:59 -07'00'
ELECTRONIC SEAL
"Digitally signed per ASBTR Substantive Statement dated 6-17-02"

SHEET RS-8

Click here for US 60 Index

RESULTS OF SURVEY



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LEGEND

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300 Found Monument
301 Calculated position
Existing R/W monument

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

DRAWING NO.	D-04-T-432
SURVEY	April 2006
DRAWN/DATE	J Crume/2006
ADOT REVIEW	Barney Bigman
HUBBARD ENGINEERING 480-892-3313 Gilbert, AZ jcrume@hubbardengineering.com	
ROUTE NO.	U.S. 60
LOCATION:	County Line - Pinto Valley

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

HIGHWAY NAME:	PHOENIX - GLOBE
FEDERAL AID NO.:	Unassigned
PROJECT NO.:	060 GI 236 H6140 01R
SHEET	RS-9

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume P.L.S., M.S.
Date: 2006.12.06 10:29:13 -07'00'
ELECTRONIC SEAL
"Digitally signed per ASBTR Substantive Statement dated 6-17-02"

060rw236_rs09.dgn

RESULTS OF SURVEY

GENERAL NOTES

TWO P & M (PROJECT 3737) NGS CONTROL STATIONS WERE USED TO ESTABLISH THE CONTROL BASELINE FOR THIS SURVEY AS FOLLOWS:

RML NAD 83 (2004) 33°22'01.25725" (N) 110°56'27.01037" (W)
Grid Coordinates N 861942.483 E 463644.107
RIP NAD 83 (2004) 33°22'08.22922" (N) 110°55'44.27915" (W)
Grid Coordinates N 862620.424 E 467273.224

ONE NGS CONTROL STATION WAS TIED AS A CHECK ON THE P & M CONTROL STATIONS AS FOLLOWS:

DU0261 NAD 83 (1992) 33°21'18.31886" (N) 110°57'54.80591" (W)
Grid Coordinates N 857658.828 E 456165.043

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

SYSTEM: UNITED STATES STATE PLANE 1983
ZONE: ARIZONA EAST 0203
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 1.0002193 AS OBTAINED FROM ADOT (P&M JOB NO. 3737) AND SCALE ORIGIN VALUES OF NO.000, EO.000 WERE USED FOR THE TRANSLATION TO THE SURFACE.

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

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

SECTION MONUMENTATION

PT.	NORTHING	EASTING	DESCRIPTION
100	858903.09015	455359.27727	BLM BC
110	856965.57752	450161.59181	BLM BC RM 17.4
111	856972.78048	450144.92850	RR SPIKE
135	856306.58834	447464.90991	BLM BC RM 23.19
136	856301.97137	447487.64801	BLM BC
138	856254.66822	448882.68787	BLM BC RM 76.8
202	858854.44293	460635.34396	STONE
210	858828.99593	450172.63814	BLM BC
211	858944.01290	450175.11366	BLM BC
220	857225.22839	450148.12987	BLM BC
221	857567.57834	450155.18255	WC BLM BC
230	861549.72619	455357.49267	BLM BC
231	861562.53884	452725.23827	BLM BC
232	861467.02235	465931.04913	STONE
233	864088.60131	465942.48473	STONE
250	856262.14712	450134.52286	BLM CAP
251	856314.80366	450136.62532	BLM CAP
252	858923.62014	452745.86403	BLM CAP
253	858934.35775	451399.61436	BLM CAP
257	866526.75375	455019.13332	TR 48 BLM BC
259	866412.24727	456963.54583	WC BLM BC
260	866498.90021	458721.11838	TR 48 BLM BC
261	866491.87032	459653.45359	BLM BC
600	864167.72599	460626.46816	STONE
1611	866523.73962	455419.74964	(C)
1612	866511.76607	457011.18692	(C)
1613	864184.79979	455390.47443	Set ADOT Cap stamped PLS 19817
1614	856282.06144	448810.93934	(C)
1615	856314.82167	450135.26708	(C)
1616	857545.84234	450153.79874	(C)
1617	856972.78564	450144.56320	(C)
1618	861540.54383	458000.97179	Set ADOT Cap stamped PLS 19817
1619	861531.36146	460644.45090	Set ADOT Cap stamped PLS 19817
1620	861499.19190	463287.75001	Set ADOT Cap stamped PLS 19817
1640	864151.60313	455353.75615	Bearing Tree
1641	864116.61722	455402.86904	Bearing Tree

MISC POINTS

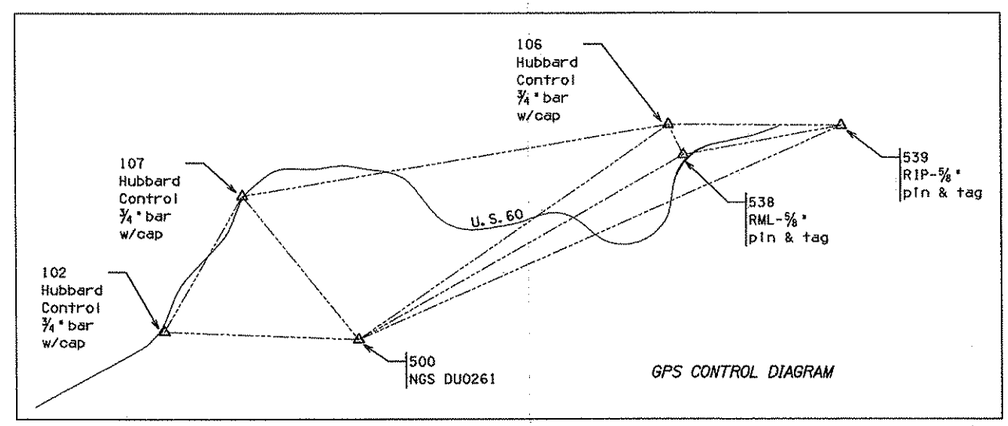
PT.	NORTHING	EASTING	DESCRIPTION
111	856972.78048	450144.92850	RR SPIKE
131	856695.65253	449471.81675	5/8 IN REBAR
650	861501.66146	460642.02206	TUNNEL

GPS CONTROL

PT.	NORTHING	EASTING	DESCRIPTION
102	858024.86109	451786.40224	SET 3/4 IN BAR W/CAP
106	862828.34172	463402.00549	SET 3/4 IN BAR W/CAP
107	861183.32825	453591.58749	SET 3/4 IN BAR W/CAP
500	857847.47712	456265.11007	DU0261 P & M adjustment
538	862131.50700	463745.78400	PM3667-RML
539	862809.59700	467375.69700	PM3667-RIP

EXIST ADOT R/W MONUMENTATION

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
114	860577.42223	458553.03503	ADOT ANGLE IRON, WITNESS POST	108+03.89	130.53 LT
117	860748.25872	457969.75565	ADOT ANGLE IRON, WITNESS POST	101+94.28	52.65 RT
127	857467.84094	451076.59536	RR IRON	5+99.90	49.84 RT
128	857555.20063	451028.60241	RR IRON	6+00.10	49.84 LT
155	862367.53360	464858.74196	RR IRON	206+99.66	99.65 RT
159	862552.90648	464770.01615	RR IRON	206+49.49	99.64 LT
160	862650.47520	464749.68474	RR IRON	206+48.92	199.31 LT
161	862269.34139	464878.57385	RR IRON	206+99.62	199.82 RT
163	858242.38589	451693.28363	RR IRON	16+17.70	96.99 LT
254	858248.99002	452024.17375	RR IRON	17+58.99	201.03 RT
255	857424.78427	451101.55362	RR IRON	6+00.93	99.59 RT
256	857598.91402	451004.26787	RR IRON	5+99.92	99.87 LT
651	860592.15102	457766.06086	ADOT ANGLE IRON, WITNESS POST	101+74.15	308.34 RT
660	860471.86462	457853.15399	ADOT ANGLE IRON, WITNESS POST	102+96.22	329.90 RT
661	860464.46661	458015.04770	ADOT ANGLE IRON, WITNESS POST	103+98.84	229.36 RT
662	860308.61785	458398.51852	ADOT ANGLE IRON, WITNESS POST	107+49.08	174.53 RT
663	860182.25900	458671.14070	ADOT ANGLE IRON, WITNESS POST	110+01.03	228.50 RT
664	860278.23545	458799.06642	ADOT CAP	111+02.99	120.10 RT
665	860331.97662	458802.47313	ADOT CAP	111+03.49	66.25 RT
667	860535.81054	458629.97277	ADOT ANGLE IRON, WITNESS POST	108+99.33	111.36 LT
670	860473.40546	458713.50640	ADOT CAP	110+00.99	65.72 LT
1647	858246.96753	451913.36195	RR IRON	17+16.24	100.00 RT



GPS CONTROL DIAGRAM

060rw236_rs10.dgn

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

DRAWING NO.	D-04-T-432
SURVEY	April 2006
DRAWN/DATE	J Crume/2006
ADOT REVIEW	Barney Bigman
HUBBARD ENGINEERING 480-892-3313 Gilbert, AZ jcrume@hubberdengineering.com	
ROUTE NO.: U.S. 60	LOCATION: County Line - Pinto Valley

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

HIGHWAY NAME: PHOENIX - GLOBE
FEDERAL AID NO.: Unassigned
PROJECT NO.: 060 GI 236 H6140 01R

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume P.L.S., M.S.
Date: 2006.12.06 10:29:26 -07'00'
ELECTRONIC SEAL
"Digitally signed per ASBTR Substantive Statement dated 6-17-02"

SHEET RS-10

RESULTS OF SURVEY

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CALCULATED POINTS

PT.	NORTHING	EASTING	DESCRIPTION
1236	856390.89952	449016.65958	(C)
1237	857852.84543	451672.75894	(C)
1238	859068.10966	452109.58955	(C)
1239	860283.13306	453255.41622	(C)
1240	861181.29505	453582.10394	(C)
1241	861853.79721	454369.16347	(C)
1242	861792.44609	455249.21758	(C)
1243	861920.98780	455909.75661	(C)
1244	861805.46380	456473.15453	(C)
1245	861694.38987	457306.96889	(C)
1246	860289.98987	458367.65238	(C)
1247	860539.51935	459894.04068	(C)
1248	860934.74574	460968.97570	(C)
1249	860075.55169	461924.73363	(C)
1250	859998.68193	462889.72681	(C)
1251	860715.50419	463414.44728	(C)
1252	862217.01581	463613.13297	(C)
1253	862572.02621	465366.59576	(C)
1254	862704.01205	465720.63361	(C)
1330	860413.11487	461549.23209	(C)
1331	860190.08029	461831.09152	(C)
1332	861007.28584	462325.12164	(C)
1333	860058.22262	462219.43501	(C)
1334	860053.33098	462279.22678	(C)
1335	861197.61861	462340.28724	(C)
1336	860496.78949	463246.90795	(C)
1338	861084.83574	462494.36014	(C)
1339	860784.40185	463400.79830	(C)
1340	861137.06099	463470.22927	(C)
1341	857222.18781	450526.96463	(C)
1342	857494.63001	451021.94433	(C)
1343	857703.42094	451362.71983	(C)
1344	858849.95176	450504.10403	(C)
1345	858182.54225	451771.51083	(C)
1346	858551.93821	451924.05007	(C)
1347	857623.33578	451255.78015	(C)
1348	858300.75619	451833.76189	(C)
1350	858831.42912	452032.85668	(C)
1351	858046.37156	453773.90444	(C)
1352	859243.64612	452285.92039	(C)
1353	859467.15357	452485.90752	(C)
1354	858740.20984	451991.72491	(C)
1355	859321.60656	452348.64956	(C)
1356	859921.85306	452914.71146	(C)
1357	860225.04621	453175.07950	(C)
1358	861053.19749	452006.35393	(C)
1359	860381.00064	453271.22780	(C)
1360	860749.81713	453425.16283	(C)
1361	860116.03636	453097.83584	(C)
1362	860498.97833	453333.92544	(C)
1363	860756.08129	453427.44129	(C)
1364	861033.05565	453542.09885	(C)
1365	860504.14710	454558.65102	(C)
1366	861270.73438	453706.90752	(C)
1367	861475.22404	453926.10226	(C)
1368	860944.18716	453495.86088	(C)
1369	861345.19514	453773.92359	(C)
1370	861481.71917	453933.70380	(C)
1371	861697.58875	454221.08766	(C)
1372	860868.20748	454694.39241	(C)
1373	861816.39708	454581.12752	(C)
1374	861813.96432	454940.54822	(C)
1375	861637.89206	454116.47996	(C)
1376	861830.68344	454700.72002	(C)
1377	861813.39330	454948.73921	(C)
1378	861805.61002	455248.40865	(C)
1379	862949.37334	455178.20870	(C)
1381	861849.98215	455544.87893	(C)
1382	861799.47304	455148.41917	(C)

CALCULATED POINTS

PT.	NORTHING	EASTING	DESCRIPTION
1383	861811.74712	455348.40007	(C)
1385	861896.34942	455901.29681	(C)
1386	860941.42630	455904.83342	(C)
1387	861896.26568	455917.96846	(C)
1388	861846.31861	456273.91010	(C)
1389	861895.90336	455780.85484	(C)
1390	861894.60967	456038.39987	(C)
1391	861845.64910	456277.17520	(C)
1392	861807.75963	456473.54230	(C)
1393	864632.53187	456950.69825	(C)
1395	861779.04721	456671.45965	(C)
1396	861818.86495	456407.79857	(C)
1397	861796.65429	456539.28611	(C)
1398	861771.12339	456730.94252	(C)
1399	861701.38500	457083.54103	(C)
1400	860795.21100	456782.31130	(C)
1401	861503.32086	457422.99291	(C)
1402	861230.67086	457657.19610	(C)
1403	861739.37833	456969.24766	(C)
1404	861422.51386	457512.30525	(C)
1405	861045.40014	457797.12318	(C)
1406	860670.15774	458125.95713	(C)
1407	861542.32616	458869.22344	(C)
1408	860398.21158	458804.95349	(C)
1409	860442.71825	459301.90196	(C)
1410	860778.79642	457998.47762	(C)
1411	860388.81648	458972.18124	(C)
1412	860498.08369	459640.57602	(C)
1413	860543.38831	459876.18460	(C)
1414	861932.72249	459527.60959	(C)
1415	860551.67272	459907.68269	(C)
1416	860628.14816	460135.09292	(C)
1417	860523.90606	459798.53314	(C)
1418	860572.91541	459984.87113	(C)
1419	860672.96832	460256.99462	(C)
1420	860775.57601	460601.46641	(C)
1421	859833.43416	460757.22070	(C)
1422	860650.63897	461251.25468	(C)
1423	860427.60439	461533.11410	(C)
1424	860755.93113	460482.63651	(C)
1425	860588.32823	461354.32669	(C)
1426	860252.39103	461728.01951	(C)
1427	860054.95645	462248.76506	(C)
1428	860520.99182	463265.61665	(C)
1429	860898.73340	463438.69286	(C)
1430	861180.92378	463476.03336	(C)
1431	861447.03825	463520.86557	(C)
1432	861147.36949	464758.33783	(C)
1433	862361.54256	464375.03240	(C)
1434	862424.40619	464637.47287	(C)
1435	861359.46461	463499.65856	(C)
1436	862388.66839	464460.95719	(C)
1437	862512.40945	465072.13741	(C)
1438	862579.59833	465364.43194	(C)
1439	864415.97258	464839.74892	(C)
1441	862676.97242	465648.10271	(C)
1442	862552.10844	465268.21818	(C)
1443	862607.08840	465460.64632	(C)
1444	861241.82074	463484.09147	(C)
1445	861537.04803	463536.12748	(C)
1446	861237.14980	464662.21517	(C)
1447	862340.18197	464286.27199	(C)
1448	862412.21670	464577.26666	(C)
1449	861440.25020	463510.34841	(C)
1450	862372.49787	464381.08793	(C)
1464	860720.39103	458168.76619	(C)
1465	860640.11613	458275.72974	(C)
1466	860710.29351	458321.89397	(C)
1467	860645.97083	458435.17850	(C)
1468	860600.96926	458413.38725	(C)

CALCULATED POINTS

PT.	NORTHING	EASTING	DESCRIPTION
1469	860578.00068	458549.59728	(C)
1470	860534.35244	458630.24622	(C)
1471	860473.82491	458712.62590	(C)
1474	861005.62316	457744.45638	(C)
1475	860747.94004	457970.73436	(C)
1476	860591.68590	457763.84577	(C)
1477	860471.98864	457854.24801	(C)
1478	860463.10298	458015.74756	(C)
1479	860307.81009	458399.34249	(C)
1480	860180.95353	458669.70322	(C)
1481	860278.40318	458798.22332	(C)
1484	861085.17713	457849.78997	(C)
1485	856281.94456	448818.70752	(C)
1486	862784.59791	465936.79653	(C)
1487	856434.70272	448992.54982	(C)
1488	856347.09633	449040.76933	(C)
1489	857538.43321	450997.83458	(C)
1498	860601.77366	463199.73646	(C)
1499	860815.86321	463305.87632	(C)
1500	860488.76738	463364.75035	(C)
1501	860752.94048	463495.72028	(C)
1502	861562.78299	463439.49528	(C)
1503	861511.31325	463632.75900	(C)
1504	861876.07838	463809.73886	(C)
1505	861828.09898	463873.75430	(C)
1506	861964.63295	463997.64031	(C)
1507	861932.68636	464026.82435	(C)
1508	862075.93420	464233.34068	(C)
1509	862185.68946	464177.22228	(C)
1510	862245.52858	464318.53242	(C)
1511	862434.83536	464254.01155	(C)
1512	862510.22808	464557.42303	(C)
1513	862314.20532	464597.11028	(C)
1514	862414.39807	465091.98104	(C)
1515	862610.42083	465052.29379	(C)
1521	862765.85436	465697.57871	(C)
1523	862642.16974	465743.68852	(C)
1524	860582.56259	463227.78882	(C)
1525	860507.97845	463336.69799	(C)
1526	860456.42463	463299.12555	(C)
1527	860537.15435	463194.69035	(C)
1528	860119.23722	462282.74361	(C)
1529	859987.42475	462275.70995	(C)
1530	859992.62808	462212.13047	(C)
1531	860123.81716	462226.73954	(C)
1624	856954.49421	450144.30477	(C)
1625	857012.01499	450145.11746	(C)
1626	857069.53576	450145.93015	(C)
1627	856974.76544	450144.59117	(C)
1628	856979.95463	450814.80109	(C)
1629	857304.96320	450819.99026	(C)
1630	857299.86899	450149.44961	(C)
1634	857450.82682	451046.05408	(C)
1636	857599.07555	451004.28571	(C)
1637	857555.29817	451028.44230	(C)
1638	857467.74340	451076.75547	(C)
1639	857423.96602	451100.91205	(C)
1643	858229.13644	451683.02873	(C)
1644	858242.31477	451689.86722	(C)
1645	858243.11609	451728.35889	(C)

CALCULATED POINTS

PT.	NORTHING	EASTING	DESCRIPTION
1646	858246.18558	451875.80134	(C)
1648	858136.06831	451860.06130	(C)
1649	858929.51806	452006.39981	(C)
1650	858928.33556	452154.65864	(C)
1651	859831.48228	452738.76819	(C)
1652	859640.66826	452740.25959	(C)
1653	858928.92948	452080.19419	(C)
1654	859736.07527	452739.51389	(C)
1655	861556.22652	454022.05220	(C)
1658	861817.38812	455360.84285	(C)
1659	861542.71277	457376.56175	(C)
1660	861543.10801	457262.77744	(C)
1661	860847.85680	460642.12560	(C)
1662	860714.82347	460641.67302	(C)
1663	860781.37629	460641.89943	(C)
1664	861496.29186	463526.03983	(C)
1665	861496.19725	463533.81405	(C)
1666	861495.02888	463629.81640	(C)
1667	861497.48729	463427.81432	(C)
1668	862445.42456	464741.28653	(C)
1673	861556.72360	453919.93160	(C)
1674	861555.71188	454127.78077	(C)
1675	861542.36004	457478.10839	(C)
1767	857623.37799	451422.66252	(C)
1768	857540.22952	451312.17559	(C)
1770	857783.46389	451302.77714	(C)
1771	857706.44100	451199.38281	(C)
1772	858529.61279	451986.15945	(C)
1774	858272.63290	451893.78721	(C)
1775	858574.26363	451861.94068	(C)
1777	858328.87538	451773.73509	(C)
1779	858804.29948	452093.02297	(C)
1780	858714.63259	452052.66541	(C)
1782	858858.55876	451972.69039	(C)
1783	858765.79039	451930.78559	(C)
1784	859421.87184	452533.92383	(C)
1785	859202.27128	452337.34142	(C)
1786	859278.83880	452399.03665	(C)
1787	859512.43529	452437.89122	(C)
1788	859285.02095	452234.49935	(C)
1789	859364.37177	452298.26006	(C)
1790	859876.56770	452962.72433	(C)
1791	860186.88773	453228.93051	(C)
1792	860075.23693	453150.07916	(C)
1793	859967.13115	452866.69173	(C)
1794	860263.20468	453121.22849	(C)
1795	860156.83896	453045.59550	(C)
1796	860727.25700	453487.18735	(C)
1797	860350.02804	453329.50900	(C)
1798	860470.62825	453393.84399	(C)
1799	860772.37726	453363.13832	(C)
1800	860411.97325	453212.94661	(C)
1801	860527.32432	453274.00541	(C)
1802	860733.51928	453489.46512	(C)
1803	861002.59270	453600.64805	(C)
1804	860916.20280	453555.91245	(C)

060rw236_rs11.dgn

CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-04-T-432
SURVEY	April 2006
DRAWN/DATE	J Crume/2006
ADOT REVIEW	Barney Bigman

HUBBARD ENGINEERING 480-892-3313 Gilbert, AZ
jcrume@hubbardengineering.com

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

HIGHWAY NAME: PHOENIX - GLOBE
FEDERAL AID NO.: Unassigned
PROJECT NO.: 060 GI 236 H6140 01R

ROUTE NO.: U.S. 60
LOCATION: County Line - Pinto Valley

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume P.L.S., M.S.
Date: 2006.12.06 10:29:37 -07'00'

ELECTRONIC SEAL
"Digitally signed per ASBTR Substantive Statement dated 6-17-02"

SHEET RS-11

RESULTS OF SURVEY

Click here for US 60 Index

CALCULATED POINTS

PT.	NORTHING	EASTING	DESCRIPTION
1805	860778.63953	453365.41609	(C)
1806	861063.51860	453483.54965	(C)
1807	860972.17101	453435.80913	(C)
1808	861525.40170	453883.22800	(C)
1809	861314.88663	453657.85062	(C)
1810	861391.62367	453726.66155	(C)
1811	861425.04637	453968.97651	(C)
1812	861226.58213	453755.96441	(C)
1813	861298.76696	453821.18604	(C)
1814	861431.54150	453976.57806	(C)
1815	861640.26604	454253.80013	(C)
1816	861582.30067	454153.01830	(C)
1817	861531.89684	453890.82955	(C)
1818	861754.91147	454188.37518	(C)
1819	861693.48468	454079.94307	(C)
1820	861879.80453	454945.13813	(C)
1821	861881.93117	454573.29922	(C)
1822	861897.10288	454697.00109	(C)
1823	861748.12412	454935.95831	(C)
1824	861750.86298	454588.95582	(C)
1825	861764.26367	454704.44372	(C)
1826	861747.55310	454944.14930	(C)
1827	861739.73398	455252.45188	(C)
1828	861733.23147	455149.58665	(C)
1829	861879.23351	454953.32912	(C)
1830	861871.48606	455244.36543	(C)
1831	861865.71464	455147.25116	(C)
1832	861914.76686	455532.27175	(C)
1834	861877.63437	455341.45851	(C)
1835	861785.19744	455557.48612	(C)
1837	861745.85998	455355.34216	(C)
1838	861884.24776	455361.67969	(C)
1839	861750.57893	455360.00664	(C)
1841	861830.34987	455901.54125	(C)
1842	861829.52674	455785.28169	(C)
1844	861962.34897	455901.05238	(C)
1845	861962.28034	455776.42987	(C)
1846	861910.97340	456287.16748	(C)
1847	861962.25943	455918.87629	(C)
1848	861960.93750	456043.49800	(C)
1849	861781.66382	456260.65272	(C)
1850	861830.27192	455917.06064	(C)
1851	861828.28088	456033.30642	(C)
1852	861780.99431	456263.91783	(C)
1853	861742.68155	456462.54942	(C)
1854	861753.90197	456396.04419	(C)
1855	861910.30389	456290.43258	(C)
1856	861872.83771	456484.53518	(C)
1857	861883.82769	456419.55411	(C)
1858	861844.46929	456680.17465	(C)
1860	861861.87394	456549.52077	(C)
1861	861713.62513	456662.74466	(C)
1863	861731.43480	456529.05028	(C)
1864	861705.70131	456722.22752	(C)
1865	861638.75475	457062.72153	(C)
1866	861675.05668	456952.27185	(C)
1867	861836.54547	456739.65751	(C)
1868	861764.01525	457104.36054	(C)
1869	861803.69972	456986.22537	(C)
1870	861270.44785	457709.86289	(C)
1871	861552.26185	457467.27360	(C)
1872	861468.93724	457559.95231	(C)
1873	861190.89387	457604.52930	(C)
1874	861454.37987	457378.71222	(C)
1875	861376.08666	457464.66108	(C)
1876	860377.58288	459312.55010	(C)
1877	860332.31547	458801.25181	(C)
1878	860322.12256	458973.29565	(C)
1879	860507.85363	459291.25382	(C)
1880	860464.10769	458808.65516	(C)

CALCULATED POINTS

PT.	NORTHING	EASTING	DESCRIPTION
1881	860455.50976	458971.06290	(C)
1882	860432.94832	459651.22416	(C)
1883	860479.37239	459892.24578	(C)
1884	860459.36573	459812.82123	(C)
1885	860563.21907	459629.92788	(C)
1886	860607.40423	459860.12342	(C)
1887	860588.44643	459784.24533	(C)
1888	860690.09379	460112.31708	(C)
1889	860615.30693	459890.17017	(C)
1890	860636.13372	459965.55672	(C)
1891	860566.20253	460157.86876	(C)
1892	860488.03852	459925.19520	(C)
1893	860509.69700	460004.18527	(C)
1894	860611.02269	460279.77046	(C)
1895	860710.45985	460612.23137	(C)
1896	860691.10961	460497.59050	(C)
1897	860734.91395	460234.21878	(C)
1898	860840.69218	460590.70145	(C)
1899	860820.75332	460467.68431	(C)
1900	860378.52176	461488.99047	(C)
1901	860594.15791	461217.10955	(C)
1902	860533.67413	461316.40070	(C)
1903	860476.68703	461577.23773	(C)
1904	860707.12003	461285.39981	(C)
1905	860642.98362	461392.25125	(C)
1913	860364.03223	461505.10847	(C)
1914	860133.59910	461796.94661	(C)
1915	860197.73564	461690.09495	(C)
1916	860462.19750	461593.35573	(C)
1917	860246.56148	461865.23643	(C)
1918	860307.04513	461765.94550	(C)
1919	860120.76139	462254.18023	(C)
1920	859989.15152	462243.34988	(C)
1921	860559.85251	463212.23630	(C)
1922	860482.13114	463318.99700	(C)
1923	862675.74950	465336.95993	(C)
1924	862483.44483	465391.90461	(C)
1925	862615.13011	465671.15762	(C)
1926	862516.13798	465382.56433	(C)
1927	862544.03779	465480.46009	(C)
1928	862738.81473	465625.04781	(C)
1929	862643.05904	465346.30080	(C)
1930	862670.13778	465440.82926	(C)
1931	861556.23208	454020.90962	(C)
1932	861814.16064	455360.80245	(C)
1933	861496.39242	463517.77736	(C)
1934	860049.73336	462248.84693	(C)
1935	860517.45516	463269.47357	(C)
1937	862326.39481	464657.31650	(C)

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:

ADOT R/W PLANS	G.L.O. & B.L.M. PLATS
STRIP MAP A-4-T-137	NO. 1408-B, 1408-C, 1410, 1410-A & 1411 T.1S.
STRIP MAP 11-T-213	R.14E. DATED 1-24-1997
PROJECT F-022-3-838	NO. 1408-E & 1409 T.1S. R.13E. DATED 1-24-1997
PROJECT F-022-3-728	NO. 0029-D T.1N. R.13 & 14S. DATED 2-9-1995
PROJECT F-022-5-938	ORIGINAL NOTES BOOK 2052, 5425, 5476 & 5477

EXIST R/W LINE U.S. 60

LEFT SIDE			RIGHT SIDE		
PT.	STATION	OFFSET	PT.	STATION	OFFSET
1487	521+08.20	50.00 LT	1488	521+08.20	50.00 RT
1626	534+24.75	50.00 LT	1624	533+67.85	50.00 RT
EQUA	538+32.17 BK	---	EQUA	538+32.17 BK	---
	0+00.00 AHD	---		0+00.00 AHD	---
1489	5+65.00	50.00 LT	1634	5+65.00	50.00 RT
---	Spiral	---	---	Spiral	---
1637	6+00.00	50.00 LT	1638	6+00.00	50.00 RT
1636	6+00.00	100.00 LT	1639	6+00.00	100.00 RT
1771	Spiral PI	---	1768	Spiral PI	---
1770	9+65.00	100.00 LT	1767	9+65.00	100.00 RT
1344	Radius PT	---	1344	Radius PT	---
1643	16+00.00	100.00 LT	1648	16+00.00	100.00 RT
---	Spiral	---	---	Spiral	---
1644	16+15.98	100.00 LT	1647	17+16.24	100.00 RT
1645	16+35.01	66.00 LT	1646	17+00.85	66.00 RT
1777	Spiral PI	---	1774	Spiral PI	---
1775	20+00.00	66.00 LT	1772	20+00.00	66.00 RT
1783	Spiral PI	---	1780	Spiral PI	---
1782	23+00.00	66.00 LT	1779	23+00.00	66.00 RT
1351	Radius PT	---	1351	Radius PT	---
1649	23+75.94	66.00 LT	1650	24+43.50	66.00 RT
1351	Radius PT	---	1351	Radius PT	---
1788	27+85.00	66.00 LT	1785	27+85.00	66.00 RT
1789	Spiral PI	---	1786	Spiral PI	---
1787	30+85.00	66.00 LT	1784	30+85.00	66.00 RT
1651	35+23.54	66.00 LT	1652	33+85.74	66.00 RT
1793	37+10.00	66.00 LT	1790	37+10.00	66.00 RT
1795	Spiral PI	---	1792	Spiral PI	---
1794	41+10.00	66.00 LT	1791	41+10.00	66.00 RT
1358	Radius PT	---	1358	Radius PT	---
1800	42+93.33	66.00 LT	1797	42+93.33	66.00 RT
1801	Spiral PI	---	1798	Spiral PI	---
1799	46+93.33	66.00 LT	1796	46+93.33	66.00 RT
1805	47+00.00	66.00 LT	1802	47+00.00	66.00 RT
1807	Spiral PI	---	1804	Spiral PI	---
1806	50+00.00	66.00 LT	1803	50+00.00	66.00 RT
1365	Radius PT	---	1365	Radius PT	---
1809	52+90.00	66.00 LT	1812	52+90.00	66.00 RT
1810	Spiral PI	---	1813	Spiral PI	---
1808	55+90.00	66.00 LT	1811	55+90.00	66.00 RT
1817	56+00.00	66.00 LT	1814	56+00.00	66.00 RT
---	Spiral	---	---	Spiral	---
1673	56+38.10	66.00 LT	1674	57+99.52	66.00 RT
1819	Spiral PI	---	1816	Spiral PI	---
1818	59+60.00	66.00 LT	1815	59+60.00	66.00 RT
1372	Radius PT	---	1372	Radius PT	---
1821	63+41.67	66.00 LT	1824	63+41.67	66.00 RT
1822	Spiral PI	---	1825	Spiral PI	---
1820	67+01.67	66.00 LT	1823	67+01.67	66.00 RT
1829	67+09.88	66.00 LT	1826	67+09.88	66.00 RT

UNLESS OTHERWISE NOTED, ALL STATIONS & OFFSETS ARE FROM THE EXISTING R/W ℄.

CONTINUED ON RS-13

060rw236_rs12.dgn

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

DRAWING NO.	D-04-T-432
SURVEY	April 2006
DRAWN/DATE	J Crume/2006
ADOT REVIEW	Barney Bigman

HUBBARD ENGINEERING 480-892-3313 Gilbert, AZ jcrume@hubbardengineering.com

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

HIGHWAY NAME: PHOENIX - GLOBE
FEDERAL AID NO.: Unassigned
PROJECT NO.: 060 GI 236 H6140 01R
ROUTE NO.: U.S. 60
LOCATION: County Line - Pinto Valley

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume P.L.S., M.S.
Date: 2006.12.06 10:29:48 -07'00'
ELECTRONIC SEAL
"Digitally signed per ASBTR Substantive Statement dated 6-17-02"

SHEET RS-12

RESULTS OF SURVEY

CONTINUED FROM RS-12

EXIST R/W LINE U.S. 60 (Cont.)

LEFT SIDE			RIGHT SIDE		
PT.	STATION	OFFSET	PT.	STATION	OFFSET
EQUA	67+09.88 BK	---	EQUA	67+09.88 BK	---
	67+10.00 AHD	---		67+10.00 AHD	---
1831	Spiral PI	---	1828	Spiral PI	---
1830	70+10.00	66.00 LT	1827	70+10.00	66.00 RT
1834	Spiral PI	---	---	Spiral PI	---
1838	71+33.69	66.00 LT	1839	71+13.23	66.00 RT
---	Spiral	---	1837	Spiral	---
1832	73+10.00	66.00 LT	1835	73+10.00	66.00 RT
1845	Spiral PI	---	1842	Spiral PI	---
1844	76+70.00	66.00 LT	1841	76+70.00	66.00 RT
1386	Radius PT	---	1386	Radius PT	---
1847	76+86.67	66.00 LT	1850	76+86.67	66.00 RT
1848	Spiral PI	---	1851	Spiral PI	---
1846	80+46.67	66.00 LT	1849	80+46.67	66.00 RT
1855	80+50.00	66.00 LT	1852	80+50.00	66.00 RT
1857	Spiral PI	---	1854	Spiral PI	---
1856	82+50.00	66.00 LT	1853	82+50.00	66.00 RT
1860	Spiral PI	---	1863	Spiral PI	---
1858	84+50.00	66.00 LT	1861	84+50.00	66.00 RT
1867	85+10.00	66.00 LT	1864	85+10.00	66.00 RT
1869	Spiral PI	---	1866	Spiral PI	---
1868	88+70.00	66.00 LT	1865	88+70.00	66.00 RT
1400	Radius PT	---	1400	Radius PT	---
1871	92+65.83	66.00 LT	1660	91+08.83	66.00 RT
---	Spiral	---	1400	Radius PT	---
1675	92+79.54	66.00 LT	1874	92+65.83	66.00 RT
1872	Spiral PI	---	1875	Spiral PI	---
1870	96+25.83	66.00 LT	1873	96+25.83	66.00 RT
1484	98+58.00	66.00 LT	1474	98+58.00	66.00 RT
1464	103+58.00	66.00 LT	1475	101+95.16	52.15 RT
1407	Radius PT	---	1476	101+73.17	310.29 RT
1465	105+00.00	66.00 LT	1477	102+96.76	329.06 RT
1466	105+00.00	150.00 LT	1478	104+00.00	230.00 RT
1467	106+50.00	150.00 LT	1479	107+50.00	175.00 RT
1468	106+50.00	100.00 LT	1480	110+00.00	230.00 RT
1469	108+00.00	130.00 LT	1481	111+02.44	120.00 RT
1470	109+00.00	110.00 LT	1877	111+02.44	66.00 RT
1471	110+00.00	66.00 LT	1878	Spiral PI	---
1880	111+02.44	66.00 LT	1876	116+02.44	66.00 RT
1881	Spiral PI	---	1882	119+45.61	66.00 RT
1879	116+02.44	66.00 LT	EQUA	119+45.61 BK	---
1885	119+45.61	66.00 LT		119+45.67 AHD	---
EQUA	119+45.61 BK	---	1884	Spiral PI	---
	119+45.67 AHD	---	1883	121+85.67	66.00 RT
1887	Spiral PI	---	1414	Radius PT	---
1886	121+85.67	66.00 LT	1892	122+18.24	66.00 RT
1414	Radius PT	---	1893	Spiral PI	---
1889	122+18.24	66.00 LT	1891	124+58.24	66.00 RT
1890	Spiral PI	---	1894	125+88.12	66.00 RT
1888	124+58.24	66.00 LT	1896	Spiral PI	---
1897	125+88.12	66.00 LT	1895	129+48.12	66.00 RT
1899	Spiral PI	---	EQUA	129+48.12 BK	---
1898	129+48.12	66.00 LT		129+57.64 AHD	---
EQUA	129+48.12 BK	---	1421	Radius PT	---
	129+57.64 AHD	---	1662	129+89.61	66.00 RT
1421	Radius PT	---	1421	Radius PT	---
1661	130+06.21	66.00 LT	1901	136+33.33	66.00 RT
1421	Radius PT	---	1902	Spiral PI	---
1904	136+33.33	66.00 LT	1900	139+93.33	66.00 RT
1905	Spiral PI	---	1913	140+15.00	66.00 RT
1903	139+93.33	66.00 LT	1915	Spiral PI	---
1916	140+15.00	66.00 LT	1914	143+75.00	66.00 RT
1918	Spiral PI	---	1332	Radius PT	---
1917	143+75.00	66.00 LT	1530	147+88.34	66.00 RT
1332	Radius PT	---	1920	Spiral PI	---
1531	147+88.34	66.00 LT	1529	148+48.34	66.00 RT
1919	Spiral PI	---	1335	Radius PT	---
1528	148+48.34	66.00 LT	1526	159+55.34	66.00 RT
1335	Radius PT	---	1922	Spiral PI	---
1527	159+55.34	66.00 LT	1525	160+15.34	66.00 RT
1921	Spiral PI	---	1500	160+15.34	100.00 RT

UNLESS OTHERWISE NOTED, ALL STATIONS & OFFSETS ARE FROM THE EXISTING R/W ℄.
* - STATION & OFFSET IS FROM 1974 CONSTR ℄

EXIST R/W LINE U.S. 60 (Cont.)

LEFT SIDE			RIGHT SIDE		
PT.	STATION	OFFSET	PT.	STATION	OFFSET
1524	160+15.34	66.00 LT	1338	Radius PT	---
1498	160+15.34	100.00 LT	1501	162+83.12	100.00 RT
1338	Radius PT	---	1666	170+30.71 *	101.21 RT
1499	162+83.12	100.00 LT	1503	170+48.79 *	100.00 RT
1667	169+87.18 *	96.12 LT	1446	Radius PT	---
1502	170+48.79 *	100.00 LT	1504	174+95.00 *	100.00 RT
1446	Radius PT	---	1505	174+95.00 *	180.00 RT
1511	181+93.20 *	100.00 LT	1446	Radius PT	---
1512	184+93.20 *	100.00 LT	1506	177+13.36 *	180.00 RT
1515	209+37.58	100.00 LT	1507	177+13.36 *	223.27 RT
1923	212+37.58	100.00 LT	1446	Radius PT	---
1929	212+37.58	66.00 LT	1508	180+25.19 *	223.27 RT
1930	Spiral PI	---	1509	180+25.19 *	100.00 RT
1928	215+37.58	66.00 LT	1446	Radius PT	---
1521	216+15.00	66.00 LT	1510	181+93.20 *	100.00 RT
			1513	184+93.20 *	100.00 RT
			1514	209+37.58	100.00 RT
			1924	212+37.58	100.00 RT
			1926	212+37.58	66.00 RT
			1927	Spiral PI	---
			1925	215+37.58	66.00 RT
			1523	216+15.00	66.00 RT

UNLESS OTHERWISE NOTED, ALL STATIONS & OFFSETS ARE FROM THE EXISTING R/W ℄.
* - STATION & OFFSET IS FROM 1974 CONSTR ℄

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060rw236_rs13.dgn

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

DRAWING NO.	D-04-T-432
SURVEY	April 2006
DRAWN/DATE	J Crume/2006
ADOT REVIEW	Barney Bigman

HUBBARD ENGINEERING 480-892-3313 Gilbert, AZ
jcrume@hubbardengineering.com

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

HIGHWAY NAME: PHOENIX - GLOBE
FEDERAL AID NO.: Unassigned
PROJECT NO.: 060 GI 236 H6140 01R
ROUTE NO.: U.S. 60
LOCATION: County Line - Pinto Valley

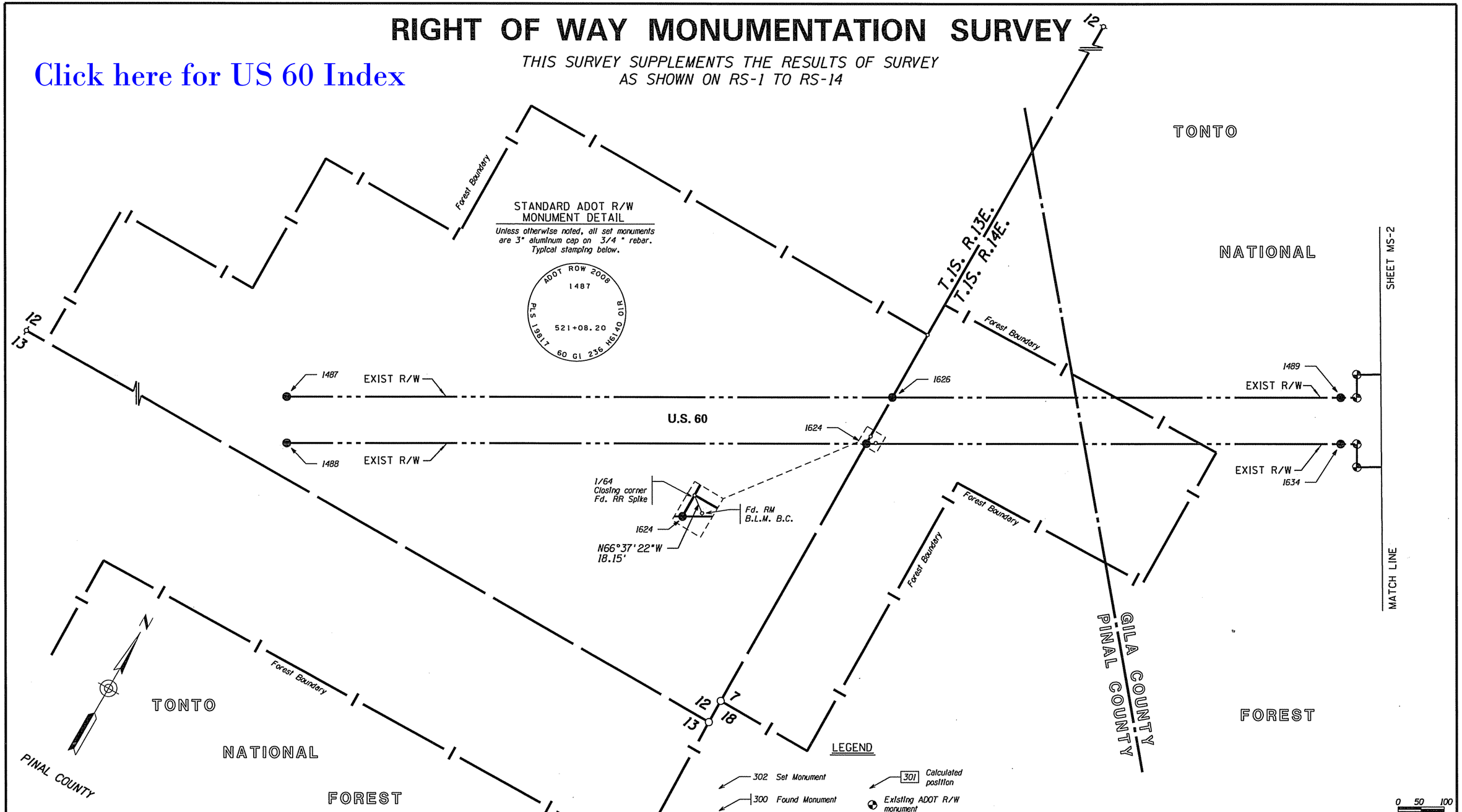
Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume P.L.S., M.S.
Date: 2006.12.06 10:30:00 -07'00'
ELECTRONIC SEAL
"Digitally signed per ASBTR Substantive Statement dated 6-17-02"

SHEET RS-13

RIGHT OF WAY MONUMENTATION SURVEY

Click here for US 60 Index

THIS SURVEY SUPPLEMENTS THE RESULTS OF SURVEY AS SHOWN ON RS-1 TO RS-14



MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1487	856434.70272	448992.54982	Set Standard Monument *	521+08.20	50.00 LT
1488	856347.09633	449040.76933	Set Standard Monument *	521+08.20	50.00 RT
1489	857538.43321	450997.83458	Set Standard Monument *	5+65.00	50.00 LT
1624	856954.49421	450144.30477	Set Standard Monument *	533+67.85	50.00 RT
1626	857069.53576	450145.93015	Set Standard Monument *	534+24.75	50.00 LT
1634	857450.82682	451046.05408	Set Standard Monument *	5+65.00	50.00 RT

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

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

DRAWING NO.	D-04-T-432
SURVEY	February 2011
DRAWN/DATE	R. Crume/Feb11
ADOT REVIEW	C. WOODFORD
HUBBARD ENGINEERING 480-892-3313 Mesa, AZ jcrume@hubbardengineering.com Job # 26015	
ROUTE NO.: U.S. 60	LOCATION: County Line - Pinto Valley

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

HIGHWAY NAME: PHOENIX - GLOBE

FEDERAL AID NO.: Unassigned

PROJECT NO.: 060 GI 236 H6140 01R

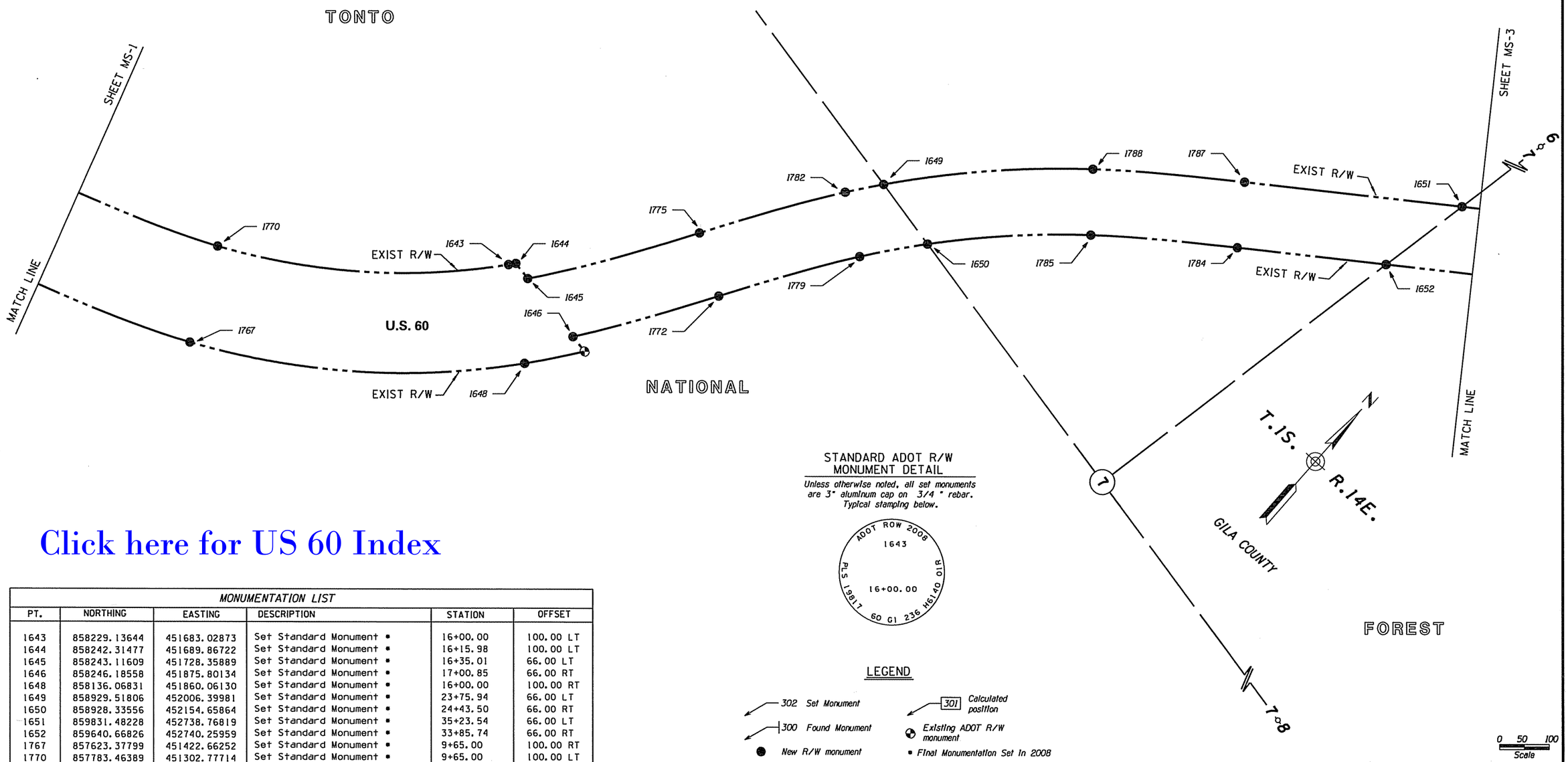
Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
Date: 2011.04.27 12:31:29 -07'00'
(Expires 6-30-11)
ELECTRONIC SEAL
http://www.btr.state.az.us/
Certified Federal Surveyor No. 1293
(Expires 10-2-11)
http://www.efds.org/roster.asp

SHEET MS-1

060RW236_RS15.DGN

RIGHT OF WAY MONUMENTATION SURVEY

THIS SURVEY SUPPLEMENTS THE RESULTS OF SURVEY AS SHOWN ON SHEETS RS-1 TO RS-14



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
- Final Monumentation Set In 2008

0 50 100
Scale

060RW236_RS16.DGN

Click here for US 60 Index

MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1643	858229.13644	451683.02873	Set Standard Monument *	16+00.00	100.00 LT
1644	858242.31477	451689.86722	Set Standard Monument *	16+15.98	100.00 LT
1645	858243.11609	451728.35889	Set Standard Monument *	16+35.01	66.00 LT
1646	858246.18558	451875.80134	Set Standard Monument *	17+00.85	66.00 RT
1648	858136.06831	451860.06130	Set Standard Monument *	16+00.00	100.00 RT
1649	858929.51806	452006.39981	Set Standard Monument *	23+75.94	66.00 LT
1650	858928.33556	452154.65864	Set Standard Monument *	24+43.50	66.00 RT
1651	859831.48228	452738.76819	Set Standard Monument *	35+23.54	66.00 LT
1652	859640.66826	452740.25959	Set Standard Monument *	33+85.74	66.00 RT
1767	857623.37799	451422.66252	Set Standard Monument *	9+65.00	100.00 RT
1770	857783.46389	451302.77714	Set Standard Monument *	9+65.00	100.00 LT
1772	858529.61279	451986.15945	Set Standard Monument *	20+00.00	66.00 RT
1775	858574.26363	451861.94068	Set Standard Monument *	20+00.00	66.00 LT
1779	858804.29948	452093.02297	Set Standard Monument *	23+00.00	66.00 RT
1782	858858.55876	451972.69039	Set Standard Monument *	23+00.00	66.00 LT
1784	859421.87184	452533.92383	Set Standard Monument *	30+85.00	66.00 RT
1785	859202.27128	452337.34142	Set Standard Monument *	27+85.00	66.00 RT
1787	859512.43529	452437.89122	Set Standard Monument *	30+85.00	66.00 LT
1788	859285.02095	452234.49935	Set Standard Monument *	27+85.00	66.00 LT

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

CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-04-T-432
SURVEY	February 2011
DRAWN/DATE	R. Crume/Feb11
ADOT REVIEW	C. WOODFORD

HUBBARD ENGINEERING 480-892-3313 Mesa, AZ jcrume@hubbardengineering.com Job # 26015

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

HIGHWAY NAME: PHOENIX - GLOBE

FEDERAL AID NO.: Unassigned

PROJECT NO.: 060 GI 236 H6140 OIR

ROUTE NO.: U.S. 60

LOCATION: County Line - Pinto Valley

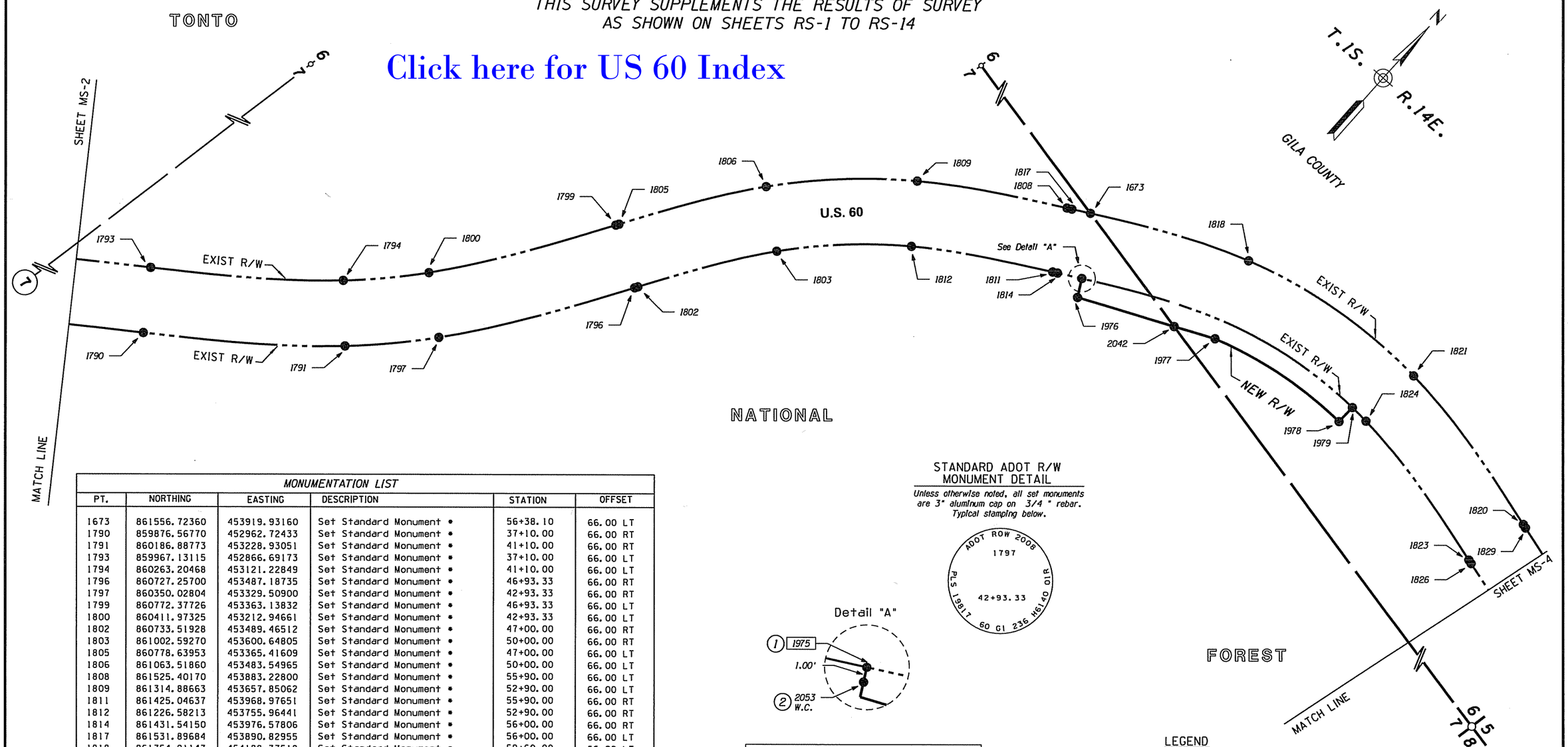
Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
Date: 2011.04.27 12:31:39 -07'00'
(Expires 6-30-11)
ELECTRONIC SEAL
http://www.btr.state.az.us/
Certified Federal Surveyor No. 1293 (Expires 10-2-11)
http://www.cfcds.org roster.asp

SHEET MS-2

RIGHT OF WAY MONUMENTATION SURVEY

THIS SURVEY SUPPLEMENTS THE RESULTS OF SURVEY AS SHOWN ON SHEETS RS-1 TO RS-14

Click here for US 60 Index



MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1673	861556.72360	453919.93160	Set Standard Monument *	56+38.10	66.00 LT
1790	859876.56770	452962.72433	Set Standard Monument *	37+10.00	66.00 RT
1791	860186.88773	453228.93051	Set Standard Monument *	41+10.00	66.00 RT
1793	859967.13115	452866.69173	Set Standard Monument *	37+10.00	66.00 LT
1794	860263.20468	453121.22849	Set Standard Monument *	41+10.00	66.00 LT
1796	860727.25700	453487.18735	Set Standard Monument *	46+93.33	66.00 RT
1797	860350.02804	453329.50900	Set Standard Monument *	42+93.33	66.00 RT
1799	860772.37726	453363.13832	Set Standard Monument *	46+93.33	66.00 LT
1800	860411.97325	453212.94661	Set Standard Monument *	42+93.33	66.00 LT
1802	860733.51928	453489.46512	Set Standard Monument *	47+00.00	66.00 RT
1803	861002.59270	453600.64805	Set Standard Monument *	50+00.00	66.00 RT
1805	860778.63953	453365.41609	Set Standard Monument *	47+00.00	66.00 LT
1806	861063.51860	453483.54965	Set Standard Monument *	50+00.00	66.00 LT
1808	861525.40170	453883.22800	Set Standard Monument *	55+90.00	66.00 LT
1809	861314.88663	453657.85062	Set Standard Monument *	52+90.00	66.00 LT
1811	861425.04637	453968.97651	Set Standard Monument *	55+90.00	66.00 RT
1812	861226.58213	453755.96441	Set Standard Monument *	52+90.00	66.00 RT
1814	861431.54150	453976.57806	Set Standard Monument *	56+00.00	66.00 RT
1817	861531.89684	453890.82955	Set Standard Monument *	56+00.00	66.00 LT
1818	861754.91147	454188.37518	Set Standard Monument *	59+60.00	66.00 LT
1820	861879.80453	454945.13813	Set Standard Monument *	67+01.67	66.00 LT
1821	861881.93117	454573.29922	Set Standard Monument *	63+41.67	66.00 LT
1823	861748.12412	454935.95831	Set Standard Monument *	67+01.67	66.00 RT
1824	861750.86298	454588.95582	Set Standard Monument *	63+41.67	66.00 RT
1826	861747.55310	454944.14930	Set Standard Monument *	67+09.88	66.00 RT
1829	861879.23351	454953.32912	Set Standard Monument *	67+09.88	66.00 LT
1975	861463.97171	454014.63432	See Note 1	56+50.00	66.00 RT
1976	861434.31442	454039.97496	Set Standard Monument	56+50.00	105.00 RT
1977	861606.39432	454273.12977	Set Standard Monument	59+60.00	105.00 RT
1978	861706.93704	454556.86153	Set Standard Monument	63+00.00	105.00 RT
1979	861745.42307	454550.55078	Set Standard Monument	63+00.00	66.00 LT
2042	861555.34109	454203.95664	Set Standard Monument	58+64.77	111.16 RT
2053	861463.21144	454015.28393	See Note 2	---	---

REFER TO THE R/W PLANS AND RESULTS OF SURVEY FOR THE BASIS OF STATIONING.
MONUMENT SET IN 2011 UNLESS OTHERWISE NOTED

STANDARD ADOT R/W MONUMENT DETAIL

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

NOTES

1. *Unable to set monument due to unstable rock outcrop.*
2. *Set Witness Corner at 1.00 Feet For Point 1975. Set Standard Monument*

LEGEND

- 302 Set Monument
- 300 Found Monument
- New R/W monument
- 301 Calculated position
- Existing ADOT R/W monument
- Final Monumentation Set In 2008

0 50 100
Scale

060RW236_RS17.DGN

CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-04-T-432
SURVEY	February 2011
DRAWN/DATE	R. Crume/Feb11
ADOT REVIEW	C. WOODFORD

HUBBARD ENGINEERING 480-892-3313 Mesa, AZ
jcrume@hubbardengineering.com Job # 26015

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

HIGHWAY NAME: PHOENIX - GLOBE
FEDERAL AID NO.: Unassigned
PROJECT NO.: 060 GI 236 H6140 01R
ROUTE NO.: U.S. 60
LOCATION: County Line - Pinto Valley

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
Date: 2011.04.27 12:31:47 -07'00'
(Expires 6-30-11)
ELECTRONIC SEAL
http://www.btr.state.az.us/
Certified Federal Surveyor No. 1293
(Expires 10-2-11)
http://www.cfsla.org/roster.asp

SHEET MS-3

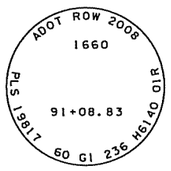
Click here for US 60 Index

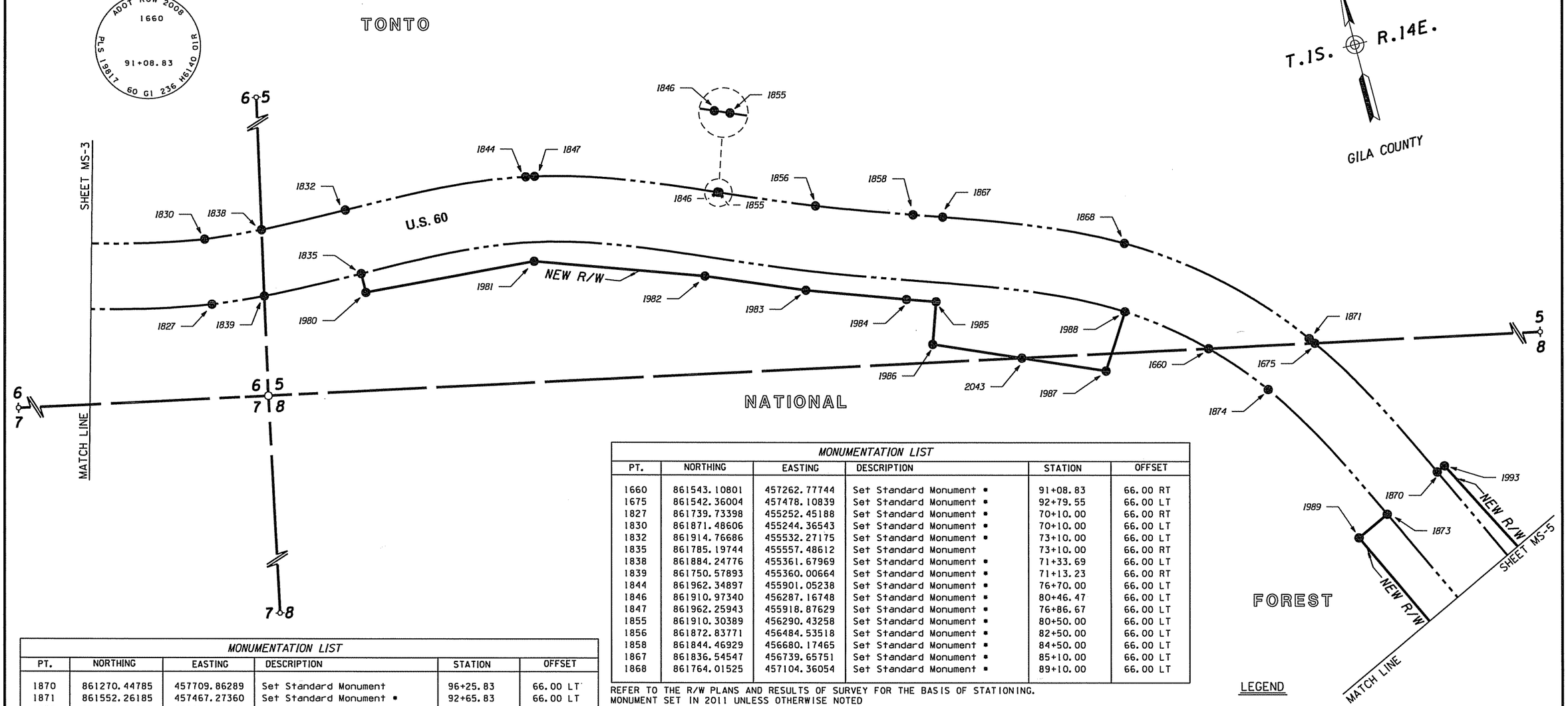
RIGHT OF WAY MONUMENTATION SURVEY

THIS SURVEY SUPPLEMENTS THE RESULTS OF SURVEY AS SHOWN ON SHEETS RS-1 TO RS-14

STANDARD ADOT R/W MONUMENT DETAIL

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





MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1870	861270.44785	457709.86289	Set Standard Monument	96+25.83	66.00 LT
1871	861552.26185	457467.27360	Set Standard Monument ▪	92+65.83	66.00 LT
1873	861190.89387	457604.52930	Set Standard Monument	96+25.83	66.00 RT
1874	861454.37987	457378.71222	Set Standard Monument ▪	92+65.83	66.00 RT
1980	861746.91409	455564.92826	Set Standard Monument	73+10.00	105.00 RT
1981	861791.34528	455909.10510	Set Standard Monument	76+78.34	105.00 RT
1982	861743.45871	456252.81881	Set Standard Monument	80+46.67	105.00 RT
1983	861704.22631	456456.05371	Set Standard Monument	82+50.00	105.00 RT
1984	861674.96663	456657.59489	Set Standard Monument	84+50.00	105.00 RT
1985	861667.04281	456717.07775	Set Standard Monument	85+10.00	105.00 RT
1986	861581.79585	456705.72185	Set Standard Monument	85+10.00	191.00 RT
1987	861509.41071	457053.43632	Set Standard Monument	89+10.00	191.00 RT
1988	861626.27336	457097.79981	Set Standard Monument	89+10.00	66.00 RT
1989	861146.29543	457545.47865	Set Standard Monument	96+25.83	140.00 RT
1993	861281.89880	457725.02455	Set Standard Monument	96+25.83	85.00 RT
2043	861544.41933	456885.26638	Set Standard Monument	87+03.94	201.11 RT

REFER TO THE R/W PLANS AND RESULTS OF SURVEY FOR THE BASIS OF STATIONING.
MONUMENT SET IN 2011 UNLESS OTHERWISE NOTED

MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1660	861543.10801	457262.77744	Set Standard Monument ▪	91+08.83	66.00 RT
1675	861542.36004	457478.10839	Set Standard Monument ▪	92+79.55	66.00 LT
1827	861739.73398	455252.45188	Set Standard Monument ▪	70+10.00	66.00 RT
1830	861871.48606	455244.36543	Set Standard Monument ▪	70+10.00	66.00 LT
1832	861914.76686	455532.27175	Set Standard Monument ▪	73+10.00	66.00 LT
1835	861785.19744	455557.48612	Set Standard Monument	73+10.00	66.00 RT
1838	861884.24776	455361.67969	Set Standard Monument ▪	71+33.69	66.00 LT
1839	861750.57893	455360.00664	Set Standard Monument ▪	71+13.23	66.00 RT
1844	861962.34897	455901.05238	Set Standard Monument ▪	76+70.00	66.00 LT
1846	861910.97340	456287.16748	Set Standard Monument ▪	80+46.47	66.00 LT
1847	861962.25943	455918.87629	Set Standard Monument ▪	76+86.67	66.00 LT
1855	861910.30389	456290.43258	Set Standard Monument ▪	80+50.00	66.00 LT
1856	861872.83771	456484.53518	Set Standard Monument ▪	82+50.00	66.00 LT
1858	861844.46929	456680.17465	Set Standard Monument ▪	84+50.00	66.00 LT
1867	861836.54547	456739.65751	Set Standard Monument ▪	85+10.00	66.00 LT
1868	861764.01525	457104.36054	Set Standard Monument ▪	89+10.00	66.00 LT

REFER TO THE R/W PLANS AND RESULTS OF SURVEY FOR THE BASIS OF STATIONING.
MONUMENT SET IN 2011 UNLESS OTHERWISE NOTED

CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-04-T-432
SURVEY	February 2011
DRAWN/DATE	R. Crume/Feb11
ADOT REVIEW	C. WOODFORD

HUBBARD ENGINEERING 480-892-3313 Mesa, AZ
jcrumeshubbardengineering.com Job # 26015

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

HIGHWAY NAME: PHOENIX - GLOBE
FEDERAL AID NO.: Unassigned
PROJECT NO.: 060 GI 236 H6140 01R
ROUTE NO.: U.S. 60
LOCATION: County Line - Pinto Valley

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
Date: 2011.04.27 12:31:56 -07'00'
(Expires 6-30-11)
ELECTRONIC SEAL
http://www.btr.state.az.us/
Certified Federal Surveyor No. 1293 (Expires 10-2-11)
http://www.ctdv.org/master.asp

SHEET MS-4

060RW236_RS18.DGN

RIGHT OF WAY MONUMENTATION SURVEY

THIS SURVEY SUPPLEMENTS THE RESULTS OF SURVEY AS SHOWN ON SHEETS RS-1 TO RS-14

Click here for US 60 Index

STANDARD ADOT R/W MONUMENT DETAIL

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

MONUMENTATION LIST

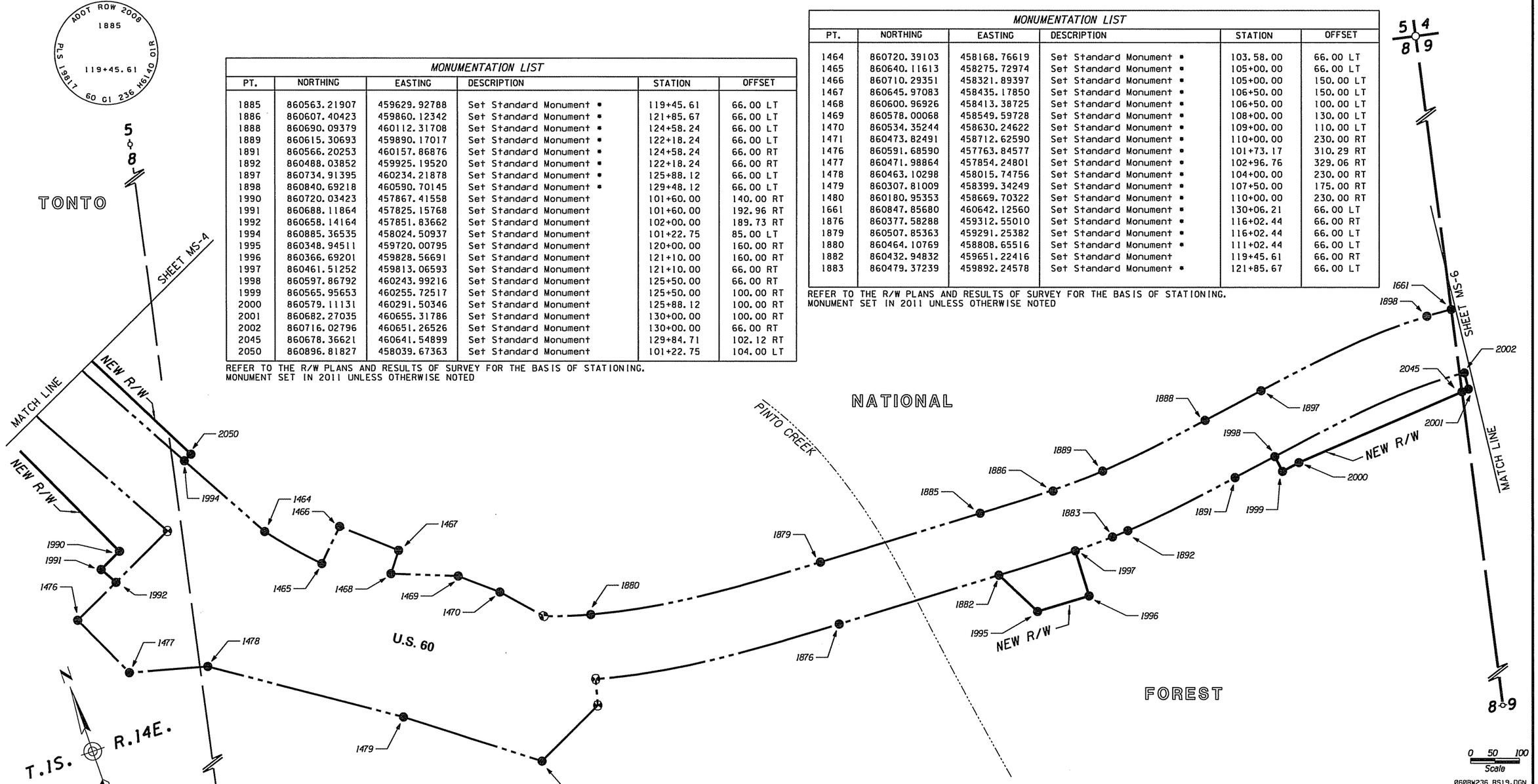
PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1885	860563.21907	459629.92788	Set Standard Monument ▪	119+45.61	66.00 LT
1886	860607.40423	459860.12342	Set Standard Monument ▪	121+85.67	66.00 LT
1888	860690.09379	460112.31708	Set Standard Monument ▪	124+58.24	66.00 LT
1889	860615.30693	459890.17017	Set Standard Monument ▪	122+18.24	66.00 LT
1891	860566.20253	460157.86876	Set Standard Monument ▪	124+58.24	66.00 RT
1892	860488.03852	459925.19520	Set Standard Monument ▪	122+18.24	66.00 RT
1897	860734.91395	460234.21878	Set Standard Monument ▪	125+88.12	66.00 LT
1898	860840.69218	460590.70145	Set Standard Monument ▪	129+48.12	66.00 LT
1990	860720.03423	457867.41558	Set Standard Monument	101+60.00	140.00 RT
1991	860688.11864	457825.15768	Set Standard Monument	101+60.00	192.96 RT
1992	860658.14164	457851.83662	Set Standard Monument	102+00.00	189.73 RT
1994	860885.36535	458024.50937	Set Standard Monument	101+22.75	85.00 LT
1995	860348.94511	459720.00795	Set Standard Monument	120+00.00	160.00 RT
1996	860366.69201	459828.56691	Set Standard Monument	121+10.00	160.00 RT
1997	860461.51252	459813.06593	Set Standard Monument	121+10.00	66.00 RT
1998	860597.86792	460243.99216	Set Standard Monument	125+50.00	66.00 RT
1999	860565.95653	460255.72517	Set Standard Monument	125+50.00	100.00 RT
2000	860579.11131	460291.50346	Set Standard Monument	125+88.12	100.00 RT
2001	860682.27035	460655.31786	Set Standard Monument	130+00.00	100.00 RT
2002	860716.02796	460651.26526	Set Standard Monument	130+00.00	66.00 RT
2045	860678.36621	460641.54899	Set Standard Monument	129+84.71	102.12 RT
2050	860896.81827	458039.67363	Set Standard Monument	101+22.75	104.00 LT

REFER TO THE R/W PLANS AND RESULTS OF SURVEY FOR THE BASIS OF STATIONING.
MONUMENT SET IN 2011 UNLESS OTHERWISE NOTED

MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1464	860720.39103	458168.76619	Set Standard Monument ▪	103.58.00	66.00 LT
1465	860640.11613	458275.72974	Set Standard Monument ▪	105+00.00	66.00 LT
1466	860710.29351	458321.89397	Set Standard Monument ▪	105+00.00	150.00 LT
1467	860645.97083	458435.17850	Set Standard Monument ▪	106+50.00	150.00 LT
1468	860600.96926	458413.38725	Set Standard Monument ▪	106+50.00	100.00 LT
1469	860578.00068	458549.59728	Set Standard Monument ▪	108+00.00	130.00 LT
1470	860534.35244	458630.24622	Set Standard Monument ▪	109+00.00	110.00 LT
1471	860473.82491	458712.62590	Set Standard Monument ▪	110+00.00	230.00 RT
1476	860591.68590	457763.84577	Set Standard Monument ▪	101+73.17	310.29 RT
1477	860471.98864	457854.24801	Set Standard Monument ▪	102+96.76	329.06 RT
1478	860463.10298	458015.74756	Set Standard Monument ▪	104+00.00	230.00 RT
1479	860307.81009	458399.34249	Set Standard Monument ▪	107+50.00	175.00 RT
1480	860180.95353	458669.70322	Set Standard Monument ▪	110+00.00	230.00 RT
1661	860847.85680	460642.12560	Set Standard Monument ▪	130+06.21	66.00 LT
1876	860377.58288	459312.55010	Set Standard Monument ▪	116+02.44	66.00 RT
1879	860507.85363	459291.25382	Set Standard Monument ▪	116+02.44	66.00 LT
1880	860464.10769	458808.65516	Set Standard Monument ▪	111+02.44	66.00 LT
1882	860432.94832	459651.22416	Set Standard Monument	119+45.61	66.00 RT
1883	860479.37239	459892.24578	Set Standard Monument ▪	121+85.67	66.00 LT

REFER TO THE R/W PLANS AND RESULTS OF SURVEY FOR THE BASIS OF STATIONING.
MONUMENT SET IN 2011 UNLESS OTHERWISE NOTED



LEGEND

302 Set Monument
300 Found Monument
New R/W monument
301 Calculated position
Existing ADOT R/W monument
▪ Final Monumentation Set In 2008

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

DRAWING NO.	D-04-T-432
SURVEY	February 2011
DRAWN/DATE	R. Crume/Feb11
ADOT REVIEW	C. WOODFORD
HUBBARD ENGINEERING 480-892-3313 Mesa, AZ jcrume@hubbardengineering.com Job ▪ 26015	
ROUTE NO.: U.S. 60	LOCATION: County Line - Pinto Valley

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

HIGHWAY NAME: PHOENIX - GLOBE

FEDERAL AID NO.: Unassigned

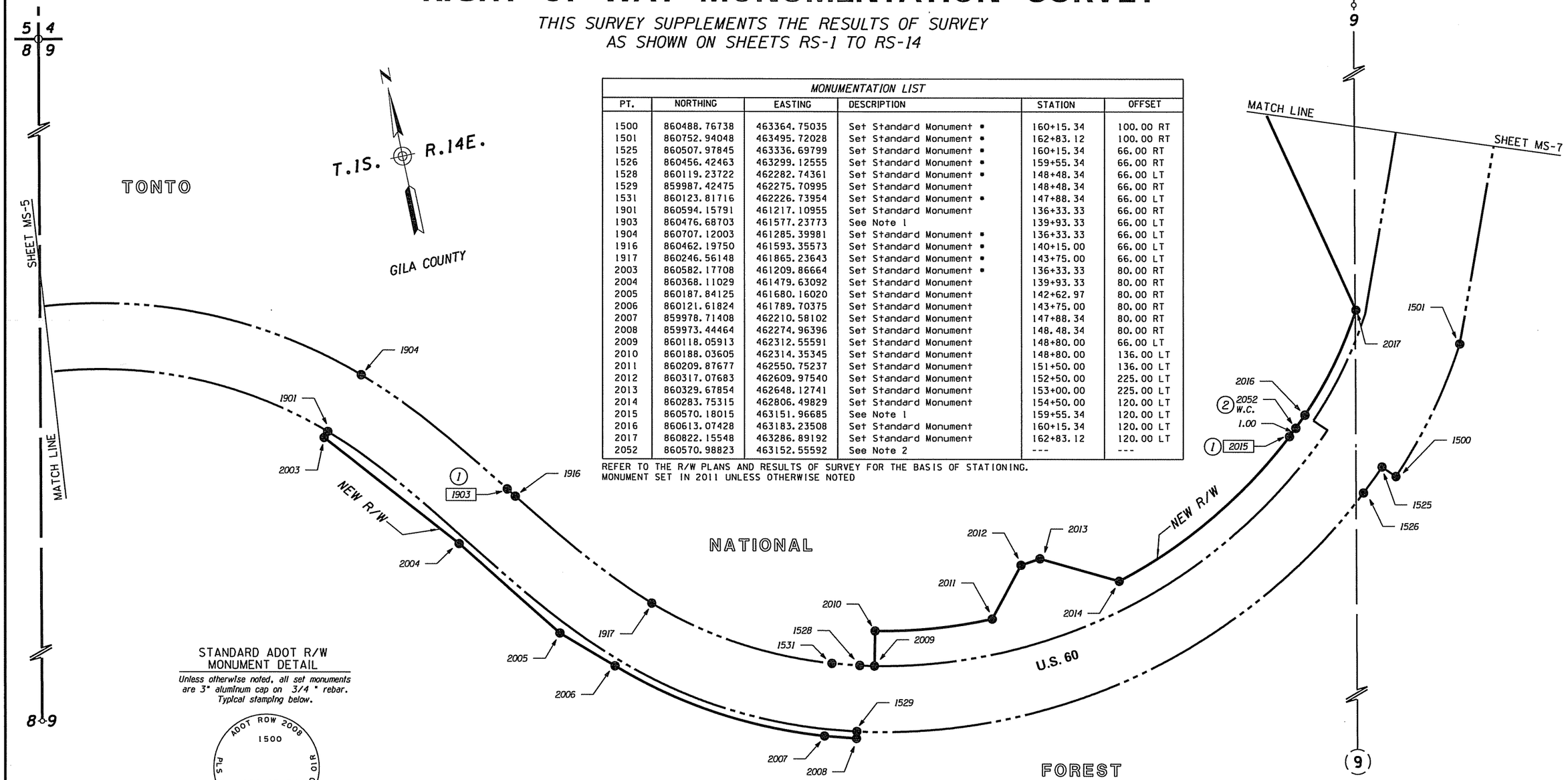
PROJECT NO.: 060 GI 236 H6140 OIR

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
Date: 2011.04.27 12:32:05 -07'00'
(Expires 6-30-11)
ELECTRONIC SEAL
http://www.btr.state.az.us/
Certified Federal Surveyor No. 1293 (Expires 10-2-11)
http://www.efcds.usgs.gov/mainf.asp

SHEET MS-5

RIGHT OF WAY MONUMENTATION SURVEY

THIS SURVEY SUPPLEMENTS THE RESULTS OF SURVEY AS SHOWN ON SHEETS RS-1 TO RS-14



MONUMENTATION LIST					
PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1500	860488.76738	463364.75035	Set Standard Monument *	160+15.34	100.00 RT
1501	860752.94048	463495.72028	Set Standard Monument *	162+83.12	100.00 RT
1525	860507.97845	463336.69799	Set Standard Monument *	160+15.34	66.00 RT
1526	860456.42463	463299.12555	Set Standard Monument *	159+55.34	66.00 RT
1528	860119.23722	462282.74361	Set Standard Monument *	148+48.34	66.00 LT
1529	859987.42475	462275.70995	Set Standard Monument	148+48.34	66.00 RT
1531	860123.81716	462226.73954	Set Standard Monument *	147+88.34	66.00 LT
1901	860594.15791	461217.10955	Set Standard Monument	136+33.33	66.00 RT
1903	860476.68703	461577.23773	See Note 1	139+93.33	66.00 LT
1904	860707.12003	461285.39981	Set Standard Monument *	136+33.33	66.00 LT
1916	860462.19750	461593.35573	Set Standard Monument *	140+15.00	66.00 LT
1917	860246.56148	461865.23643	Set Standard Monument *	143+75.00	66.00 LT
2003	860582.17708	461209.86664	Set Standard Monument *	136+33.33	80.00 RT
2004	860368.11029	461479.63092	Set Standard Monument	139+93.33	80.00 RT
2005	860187.84125	461680.16020	Set Standard Monument	142+62.97	80.00 RT
2006	860121.61824	461789.70375	Set Standard Monument	143+75.00	80.00 RT
2007	859978.71408	462210.58102	Set Standard Monument	147+88.34	80.00 RT
2008	859973.44464	462274.96396	Set Standard Monument	148.48.34	80.00 RT
2009	860118.05913	462312.55591	Set Standard Monument	148+80.00	66.00 LT
2010	860188.03605	462314.35345	Set Standard Monument	148+80.00	136.00 LT
2011	860209.87677	462550.75237	Set Standard Monument	151+50.00	136.00 LT
2012	860317.07683	462609.97540	Set Standard Monument	152+50.00	225.00 LT
2013	860329.67854	462648.12741	Set Standard Monument	153+00.00	225.00 LT
2014	860283.75315	462806.49829	Set Standard Monument	154+50.00	120.00 LT
2015	860570.18015	463151.96685	See Note 1	159+55.34	120.00 LT
2016	860613.07428	463183.23508	Set Standard Monument	160+15.34	120.00 LT
2017	860822.15548	463286.89192	Set Standard Monument	162+83.12	120.00 LT
2052	860570.98823	463152.55592	See Note 2	---	---

REFER TO THE R/W PLANS AND RESULTS OF SURVEY FOR THE BASIS OF STATIONING.
MONUMENT SET IN 2011 UNLESS OTHERWISE NOTED

STANDARD ADOT R/W MONUMENT DETAIL

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

ADOT ROW 2008
1500
160+15.34
PLS 19817
60 GI 236 H6140 01R

Click here for US 60 Index

0 50 100
Scale

060RW236_RS20.DGN

NOTES
(1) Unable to set monument due to unstable rock outcrop.
(2) Set Witness Corner at 1.00 Feet For Point 2015. Set Standard Monument

LEGEND

- 302 Set Monument
- 300 Found Monument
- New R/W monument
- 301 Calculated position
- Existing ADOT R/W monument
- * Final Monumentation Set In 2008

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

DRAWING NO.	D-04-T-432
SURVEY	February 2011
DRAWN/DATE	R. Crume/Feb11
ADOT REVIEW	C. WOODFORD
HUBBARD ENGINEERING 480-892-3313 Mesa, AZ jcrume@hubbardengineering.com Job # 26015	
ROUTE NO.: U.S. 60	LOCATION: County Line - Pinto Valley

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

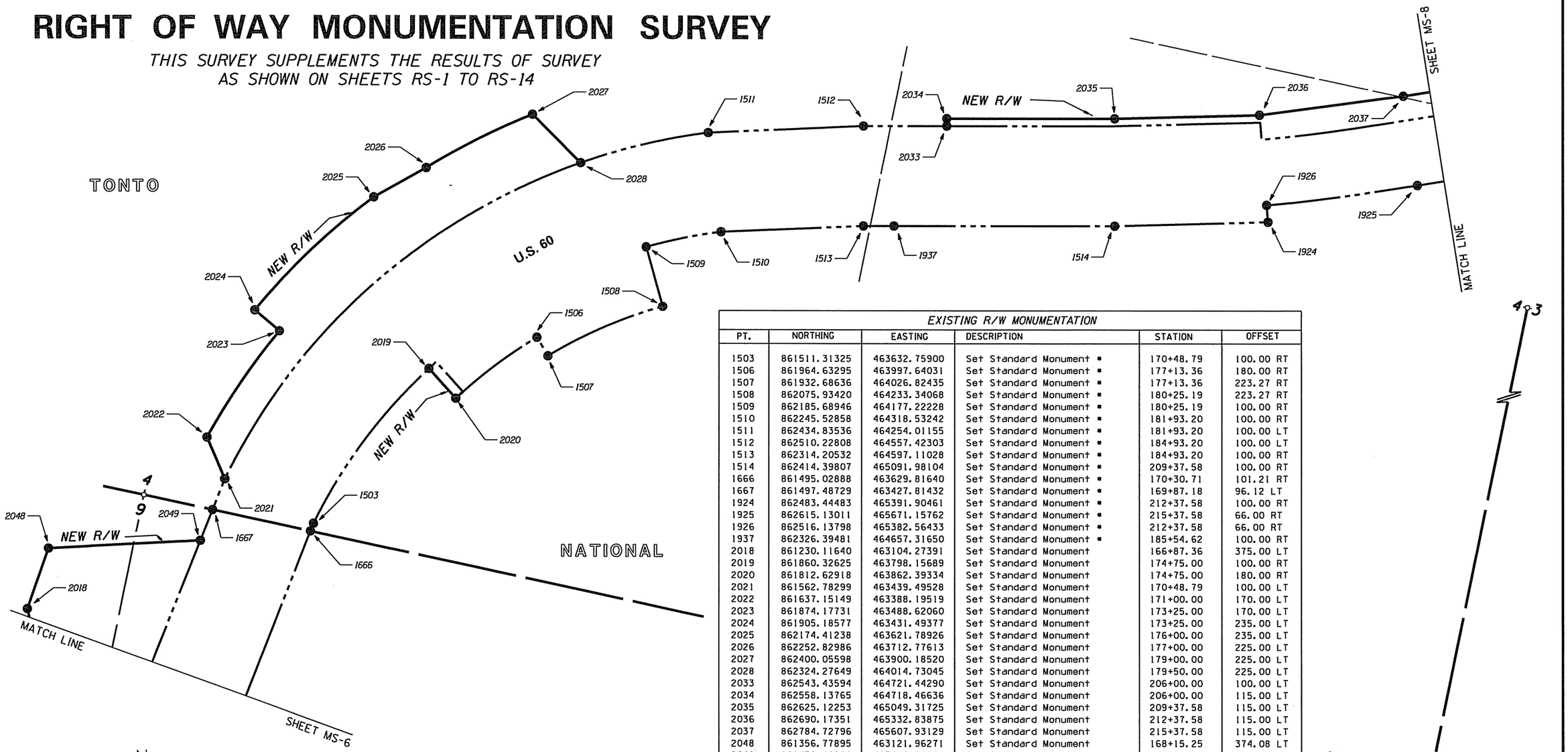
HIGHWAY NAME: PHOENIX - GLOBE
FEDERAL AID NO.: Unassigned
PROJECT NO.: 060 GI 236 H6140 01R

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
Date: 2011.04.27 12:32:16 -07'00'
(Expires 6-30-11)
ELECTRONIC SEAL
http://www.btr.state.az.us/
Certified Federal Surveyor No. 1293 (Expires 10-2-11)
http://www.vfeds.org/roster.asp

SHEET MS-6

RIGHT OF WAY MONUMENTATION SURVEY

THIS SURVEY SUPPLEMENTS THE RESULTS OF SURVEY AS SHOWN ON SHEETS RS-1 TO RS-14



EXISTING R/W MONUMENTATION					
PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1503	861511.31325	463632.75900	Set Standard Monument *	170+48.79	100.00 RT
1506	861964.63295	463997.64031	Set Standard Monument *	177+13.36	180.00 RT
1507	861932.68636	464026.82435	Set Standard Monument *	177+13.36	223.27 RT
1508	862075.93420	464233.34068	Set Standard Monument *	180+25.19	223.27 RT
1509	862185.68946	464177.22228	Set Standard Monument *	180+25.19	100.00 RT
1510	862245.52858	464318.53242	Set Standard Monument *	181+93.20	100.00 RT
1511	862434.83536	464254.01155	Set Standard Monument *	181+93.20	100.00 LT
1512	862510.22808	464557.42303	Set Standard Monument *	184+93.20	100.00 LT
1513	862314.20532	464597.11028	Set Standard Monument *	184+93.20	100.00 RT
1514	862414.39807	465091.98104	Set Standard Monument *	209+37.58	100.00 RT
1666	861495.02888	463629.81640	Set Standard Monument *	170+30.71	101.21 RT
1667	861497.48729	463427.81432	Set Standard Monument *	169+87.18	96.12 LT
1924	862483.44483	465391.90461	Set Standard Monument *	212+37.58	100.00 RT
1925	862615.13011	465671.15762	Set Standard Monument *	215+37.58	66.00 RT
1926	862516.13798	465382.56433	Set Standard Monument *	212+37.58	66.00 RT
1937	862326.39481	464657.31650	Set Standard Monument *	185+54.62	100.00 RT
2018	861230.11640	463104.27391	Set Standard Monument	166+87.36	375.00 LT
2019	861860.32625	463798.15689	Set Standard Monument	174+75.00	100.00 RT
2020	861812.62918	463862.39334	Set Standard Monument	174+75.00	180.00 RT
2021	861562.78299	463439.49528	Set Standard Monument	170+48.79	100.00 LT
2022	861637.15149	463388.19519	Set Standard Monument	171+00.00	170.00 LT
2023	861874.17731	463488.62060	Set Standard Monument	173+25.00	170.00 LT
2024	861905.18577	463431.49377	Set Standard Monument	173+25.00	235.00 LT
2025	862174.41238	463621.78926	Set Standard Monument	176+00.00	235.00 LT
2026	862252.82986	463712.77613	Set Standard Monument	177+00.00	225.00 LT
2027	862400.05598	463900.18520	Set Standard Monument	179+00.00	225.00 LT
2028	862324.27649	464014.73045	Set Standard Monument	179+50.00	225.00 LT
2033	862543.43594	464721.44290	Set Standard Monument	206+00.00	100.00 LT
2034	862558.13765	464718.46636	Set Standard Monument	206+00.00	115.00 LT
2035	862625.12253	465049.31725	Set Standard Monument	209+37.58	115.00 LT
2036	862690.17351	465332.83875	Set Standard Monument	212+37.58	115.00 LT
2037	862784.72796	465607.93129	Set Standard Monument	215+37.58	115.00 LT
2048	861356.77895	463121.96271	Set Standard Monument	168+15.25	374.08 LT
2049	861432.46600	463416.18244	Set Standard Monument	169+28.88	92.33 LT

REFER TO THE R/W PLANS AND RESULTS OF SURVEY FOR THE BASIS OF STATIONING.
MONUMENT SET IN 2011 UNLESS OTHERWISE NOTED

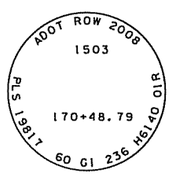
N

T.1S. R.14E.

GILA COUNTY

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
- Final Monumentation Set In 2008

0 50 100
Scale

060RW236_RS21.DGN

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

DRAWING NO.	D-04-T-432	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION
SURVEY	February 2011	HIGHWAY NAME: PHOENIX - GLOBE
DRAWN/DATE	R. Crume/Feb11	FEDERAL AID NO.: Unassigned
ADOT REVIEW	C. WOODFORD	PROJECT NO.: 060 GI 236 H6140 01R
HUBBARD ENGINEERING 480-892-3313 Mesa, AZ jcrume@hubbardengineering.com Job # 26015		
ROUTE NO.: U.S. 60	LOCATION: County Line - Pinto Valley	

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
Date: 2011.04.27 12:32:27 -07'00'
(Expires 6-30-11)
ELECTRONIC SEAL
http://www.btr.state.az.us/
Certified Federal Surveyor No. 1293 (Expires 10-2-11)
http://www.cfsla.org/roster.asp

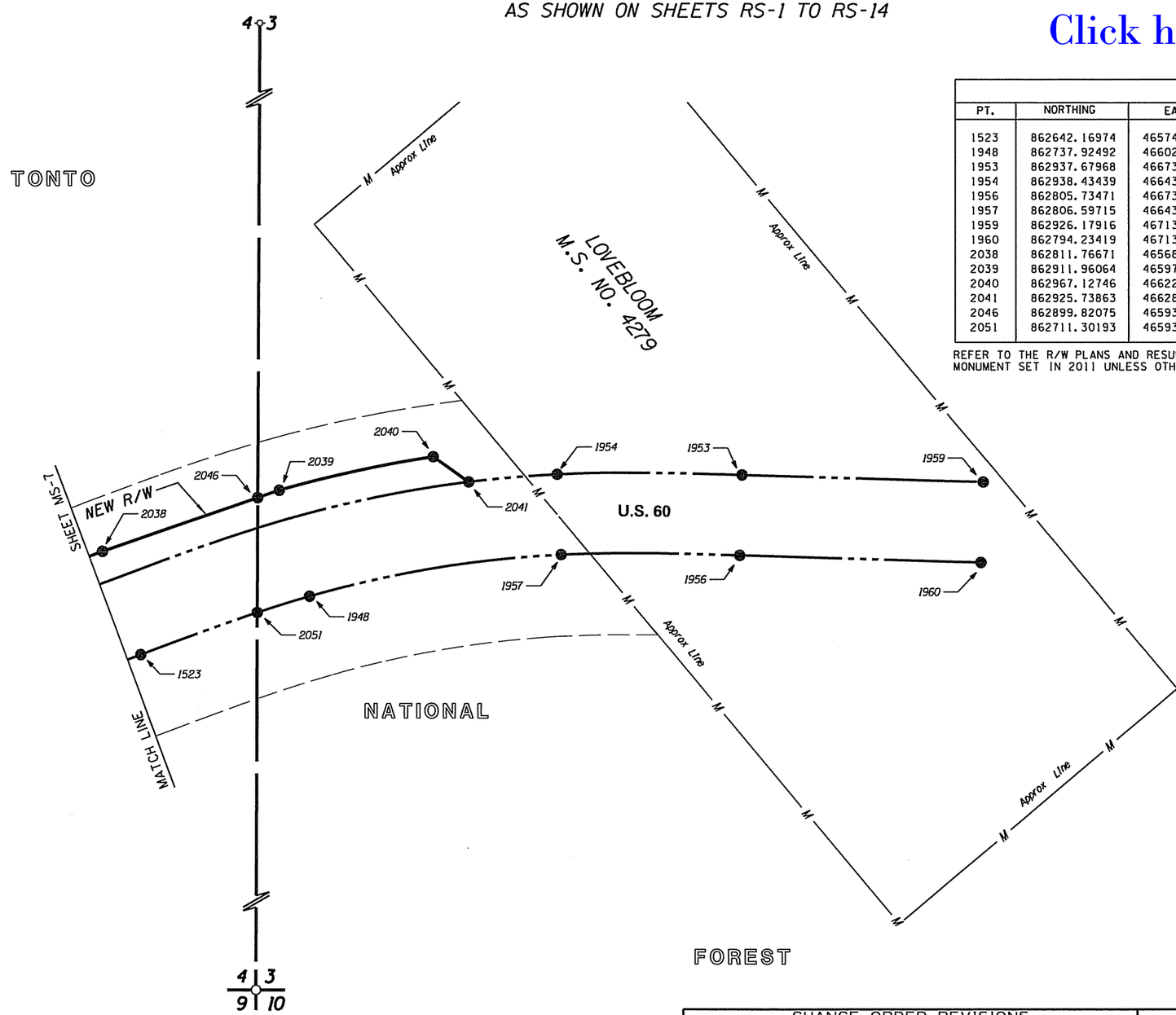
SHEET MS-7

Click here for US 60 Index

RIGHT OF WAY MONUMENTATION SURVEY

THIS SURVEY SUPPLEMENTS THE RESULTS OF SURVEY AS SHOWN ON SHEETS RS-1 TO RS-14

Click here for US 60 Index



MONUMENTATION LIST					
PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1523	862642.16974	465743.68852	Set Standard Monument *	216+15.00	66.00 RT
1948	862737.92492	466022.43416	Set Standard Monument *	219+15.00	66.00 RT
1953	862937.67968	466735.99574	Set Standard Monument *	226+51.67	66.00 LT
1954	862938.43439	466430.89745	Set Standard Monument *	223+51.67	66.00 LT
1956	862805.73471	466732.18465	Set Standard Monument *	226+51.67	66.00 RT
1957	862806.59715	466437.45036	Set Standard Monument *	223+51.67	66.00 RT
1959	862926.17916	467134.15824	Set Standard Monument *	230+50.00	66.00 LT
1960	862794.23419	467130.34715	Set Standard Monument *	230+50.00	66.00 RT
2038	862811.76671	465680.45983	Set Standard Monument	216+15.00	115.00 LT
2039	862911.96064	465972.70922	Set Standard Monument	219+15.00	115.00 LT
2040	862967.12746	466226.35356	Set Standard Monument	221+60.00	115.00 LT
2041	862925.73863	466284.91924	Set Standard Monument	222+10.00	66.00 LT
2046	862899.82075	465937.29915	Set Standard Monument	218+79.60	113.40 LT
2051	862711.30193	465936.47681	Set Standard Monument *	218+22.32	66.00 RT

REFER TO THE R/W PLANS AND RESULTS OF SURVEY FOR THE BASIS OF STATIONING.
MONUMENT SET IN 2011 UNLESS OTHERWISE NOTED

STANDARD ADOT R/W MONUMENT DETAIL

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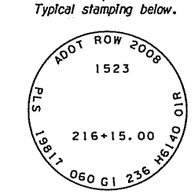

N

GILA COUNTY

LEGEND

- 302 Set Monument
- 300 Found Monument
- New R/W monument
- 301 Calculated position
- Existing ADOT R/W monument
- * Final Monumentation Set In 2008

0 50 100
Scale

060RW236_RS22.DGN

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

DRAWING NO.	D-04-T-432
SURVEY	February 2011
DRAWN/DATE	R. Crume/Feb11
ADOT REVIEW	C. WOODFORD
HUBBARD ENGINEERING 480-892-3313 Mesa, AZ jcrume@hubbardengineering.com Job # 26015	
ROUTE NO.: U.S. 60	LOCATION: County Line - Pinto Valley

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

HIGHWAY NAME: PHOENIX - GLOBE

FEDERAL AID NO.: Unassigned

PROJECT NO.: 060 GI 236 H6140 OIR

Professional Land Surveyor AZ No. 19817
Digitally signed by Jim Crume
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SHEET MS-8