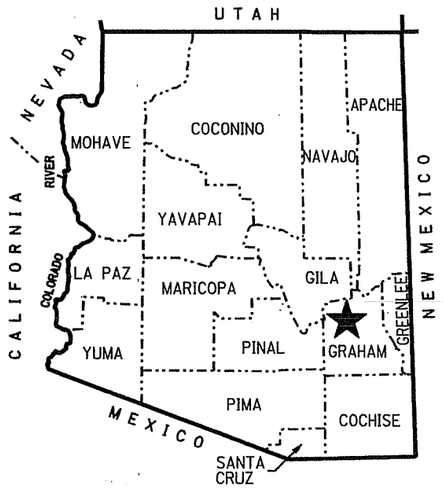
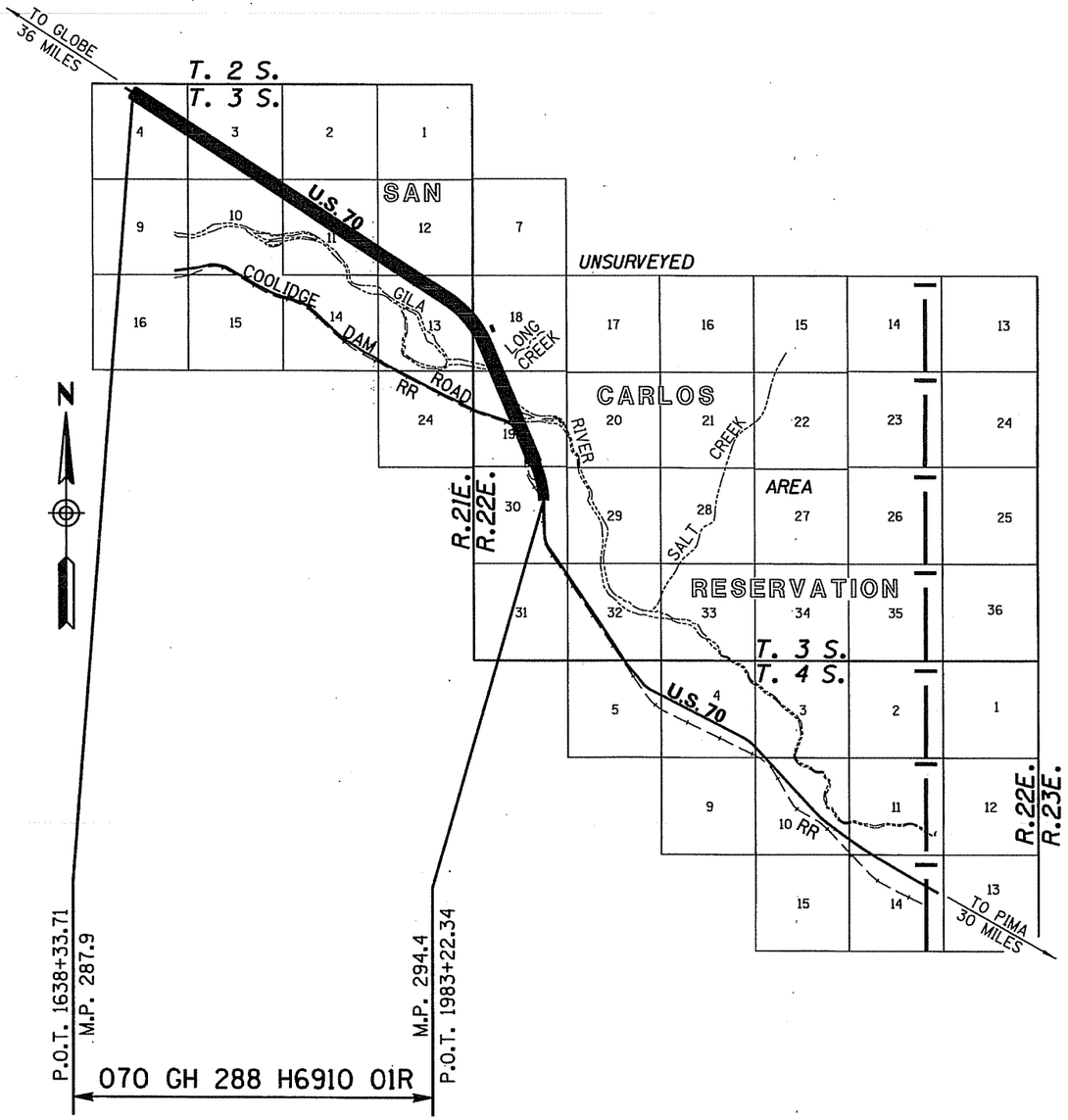
RIGHT OF WAY PLANS OF THE

GLOBE - LORDSBURG HIGHWAY
GILA RIVER BRIDGE, BYLAS
070 GH 288 H6910 01R



PROJECT LOCATION
COUNTY NAME: GRAHAM
LENGTH OF PROJECT: 6.5 MILES
ADOT DISTRICT: SAFFORD (S)
DRAWING NUMBER: D-05-T-240



ARIZONA DEPARTMENT OF TRANSPORTATION

INTERMODAL TRANSPORTATION DIVISION

ADOT

SHEET INDEX

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BIA SHEET	BIA-1
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RIGHT OF WAY MONUMENTATION SURVEY	MS-1 to MS3
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Click here for US 70 Index

APPROVED IN ACCORDANCE WITH
ARIZONA DEPARTMENT OF TRANSPORTATION BOARD
RESOLUTION 2010-03-A-027 DATED 03-19-10
RESOLUTION 2011-02-A-008 DATED 02-18-11

...\DGN\RW\070RW288_CVR.DGN

eps group, inc. Engineers, Planners & Surveyors

Registered Land Surveyor CERTIFICATE NO. 15573 GERALD HUGHES Date Signed 12-17-14 ARIZONA, U.S.A. EXPIRES: 3/31/2015

RIGHT OF WAY - STANDARD ABBREVIATIONS & SYMBOLS

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

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

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

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

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

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

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

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

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

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

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

Break Line

Data Circle (1)

Data Hex (1)

Data Square [1]

Dimension Arrow

Dimension Tie

Exist. R/W Monument

New R/W Monument

PC - PT Circle

Property Anchor Bar

Property-Lease & Unpatented Mining Claim Anchor Bar

Property Limit Arrow

Property-Lease & Unpatented Mining Claim Limit Arrow

Parcel Bubble 7-8858

NGS Control Pt or Angle Point △

N

T.1S. R.6E.

SECTION 7
MARICOPA CO.

North Arrow

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

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

Click here for US 70 Index

...\DGN\RW\070RW288_STD.DGN

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

DRAWING NO.	D-05-T-240
SURVEY	SEE ATTACHED SURVEY
DRAWN/DATE	J.KRAFT/SEPT 09
ADOT REVIEW	P.SOWERS

eps group, inc. Engineers, Planners & Surveyors

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

HIGHWAY NAME: GLOBE - LORDSBURG

FEDERAL AID NO.: UNASSIGNED

PROJECT NO.: 070 GH 288 H6910 01R

ROUTE NO.: U.S. 70

LOCATION: GILA RIVER BRIDGE, BYLAS

Registered Land Surveyor 15573 GERALD HUGHES 7/31/10 Date Signed ARIZONA U.S.A. EXPIRES: 03-31-2012

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
	5-0489	San Carlos Apache Tribe	NE4 Unsurveyed Sec. 13 T.3S. R.21E.				815,992 TCE			P-1		
			W2 Unsurveyed Sec. 18 T.3S. R.22E.			48,329				P-1 TO P-3		
			NW4 Unsurveyed Sec. 19 T.3S. R.22E.							P-3		

ALL AREAS ARE IN SQUARE FEET UNLESS OTHERWISE NOTED

...\DGN\RW\070RW288_ORS01.DGN

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

DRAWING NO.	D-05-T-240
SURVEY	SEE ATTACHED SURVEY
DRAWN/DATE	J.KRAFT/SEPT 09
ADOT REVIEW	P.SOWERS

eps group, Inc. Engineers, Planners & Surveyors

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

HIGHWAY NAME: GLOBE - LORDSBURG

FEDERAL AID NO.: UNASSIGNED

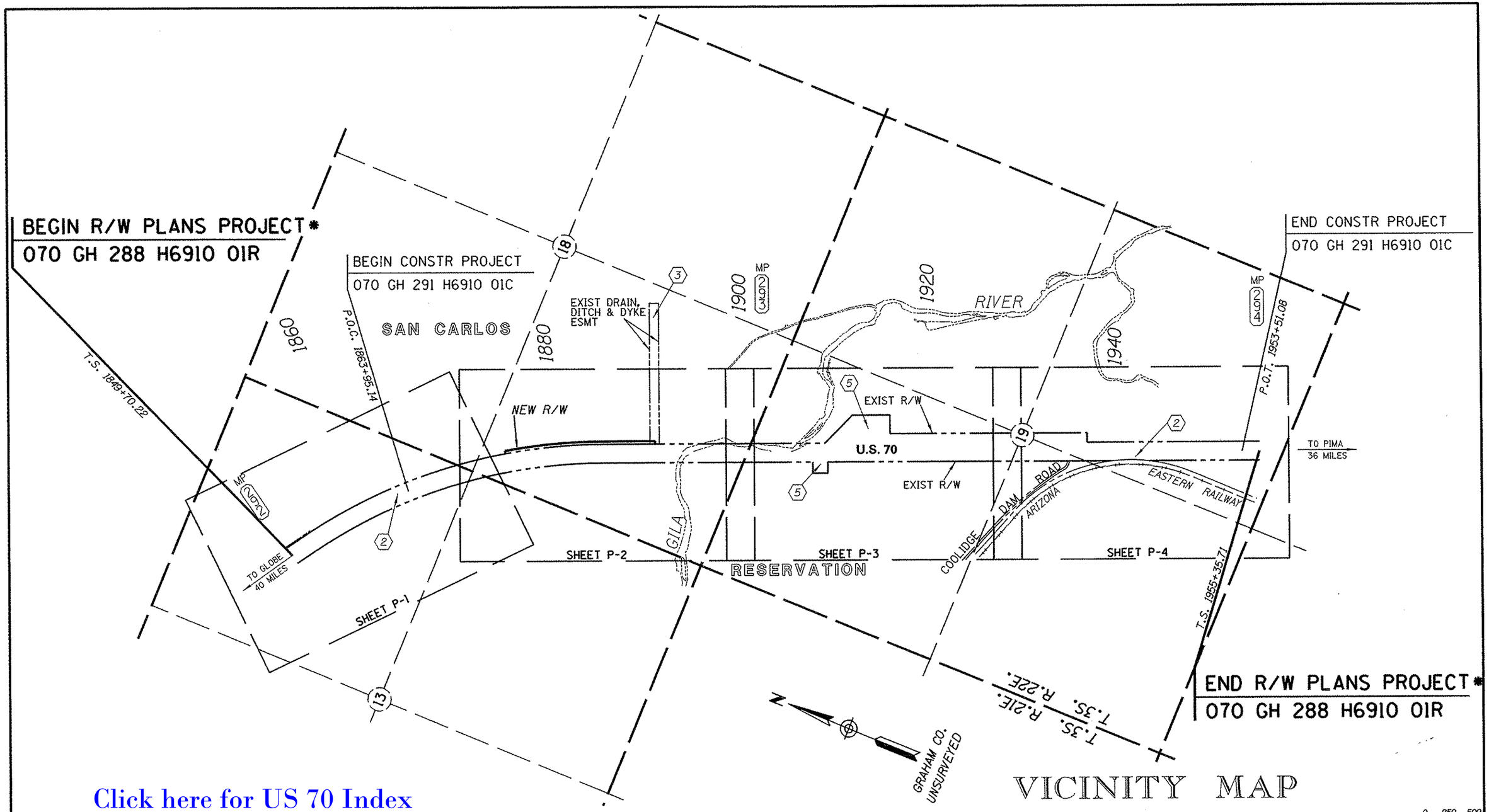
PROJECT NO.: 070 GH 288 H6910 01R

ROUTE NO.: U.S. 70

LOCATION: GILA RIVER BRIDGE, BYLAS

Registered Land Surveyor CERTIFICATE NO. 15573 GERALD HUGHES Date Signed 12/3/2010 ARIZONA, U.S.A. EXPIRES: 03-31-2012

SHEET ORS-1



Click here for US 70 Index

INDEX TO EXISTING ADOT R/W

(#) ID.	LOCATION	SEC.	T.	R.	ACQ. FROM	TYPE	BK./DKT.	WIDTH	YEAR	PARCEL NO.
2	PT. E2 PT.	13 18 & 19	3S 3S	21E 22E	BUREAU OF INDIAN AFFAIRS	ESMT	A-5-T-128A	200'	1956	--
3	PT.SW4	18	3S	22E	SAN CARLOS INDIAN RESERVATION	D.E.	PROJ. NO. F-15	100'	1956	2715A
5	PT. NW4	19	3S	22E	BUREAU OF INDIAN AFFAIRS	ESMT	PROJ. NO. F-022-4(MISC)	--	1986	5-004

(#) REFERS TO ITEM NUMBER IN EXISTING R/W REPORT AMENDED NO. 3, DATED FEBRUARY 17, 2009

* SEE RESULTS OF SURVEY FOR OVERALL R/W PROJECT LIMITS

...\DGN\RW\070RW288_VM01.DGN

CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

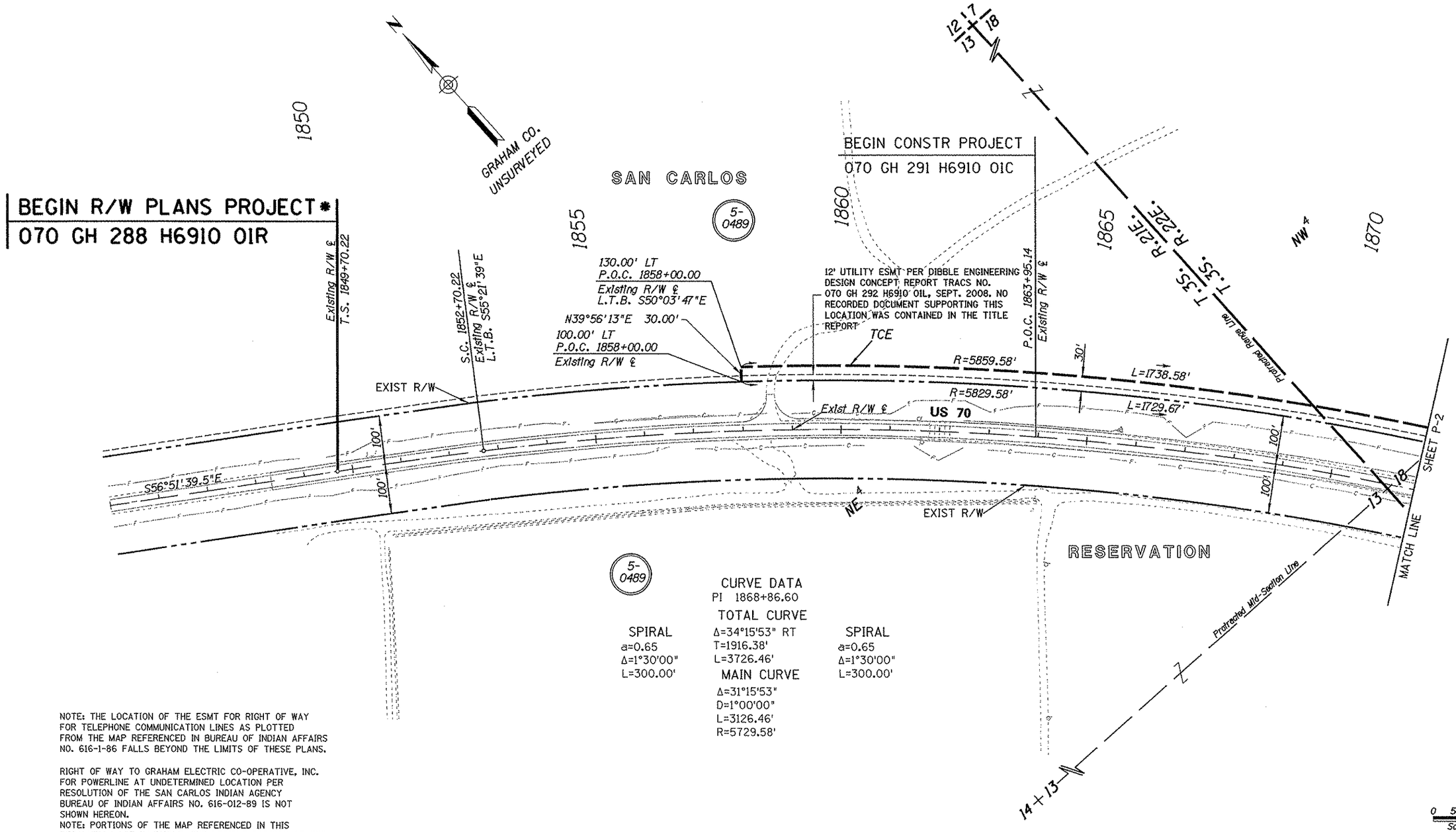
DRAWING NO.	D-05-T-240
SURVEY	SEE ATTACHED SURVEY
DRAWN/DATE	J.KRAFT/SEPT 09
ADOT REVIEW	P.SOWERS
eps group, inc. Engineers, Planners & Surveyors	
ROUTE NO.: U.S. 70	LOCATION: GILA RIVER BRIDGE, BYLAS

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

HIGHWAY NAME: GLOBE - LORDSBURG
FEDERAL AID NO.: UNASSIGNED
PROJECT NO.: 070 GH 288 H6910 01R

Registered Land Surveyor
CERTIFICATE NO. 15573
DONALD HUGHES
ARIZONA, U.S.A.
EXPIRES: 03-31-2012

SHEET VM-1



CURVE DATA
PI 1868+86.60

TOTAL CURVE
Δ=34°15'53" RT
T=1916.38'
L=3726.46'

MAIN CURVE
Δ=31°15'53"
D=1°00'00"
L=3126.46'
R=5729.58'

SPIRAL
a=0.65
Δ=1°30'00"
L=300.00'

SPIRAL
a=0.65
Δ=1°30'00"
L=300.00'

NOTE: THE LOCATION OF THE ESMT FOR RIGHT OF WAY FOR TELEPHONE COMMUNICATION LINES AS PLOTTED FROM THE MAP REFERENCED IN BUREAU OF INDIAN AFFAIRS NO. 616-1-86 FALLS BEYOND THE LIMITS OF THESE PLANS.

RIGHT OF WAY TO GRAHAM ELECTRIC CO-OPERATIVE, INC. FOR POWERLINE AT UNDETERMINED LOCATION PER RESOLUTION OF THE SAN CARLOS INDIAN AGENCY BUREAU OF INDIAN AFFAIRS NO. 616-012-89 IS NOT SHOWN HEREON.
NOTE: PORTIONS OF THE MAP REFERENCED IN THIS RESOLUTION ARE ILLEGIBLE. THE LEGIBLE PORTION OF THE MAP IS BEYOND THE LIMITS OF THESE PLANS.

* SEE RESULTS OF SURVEY FOR OVERALL R/W PROJECT LIMITS

...\DGN\RW\070RW288_P01.DGN

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

DRAWING NO.	D-05-T-240
SURVEY	SEE ATTACHED SURVEY
DRAWN/DATE	J.KRAFT/SEPT 09
ADOT REVIEW	P.SOWERS

eps group, Inc. Engineers, Planners & Surveyors

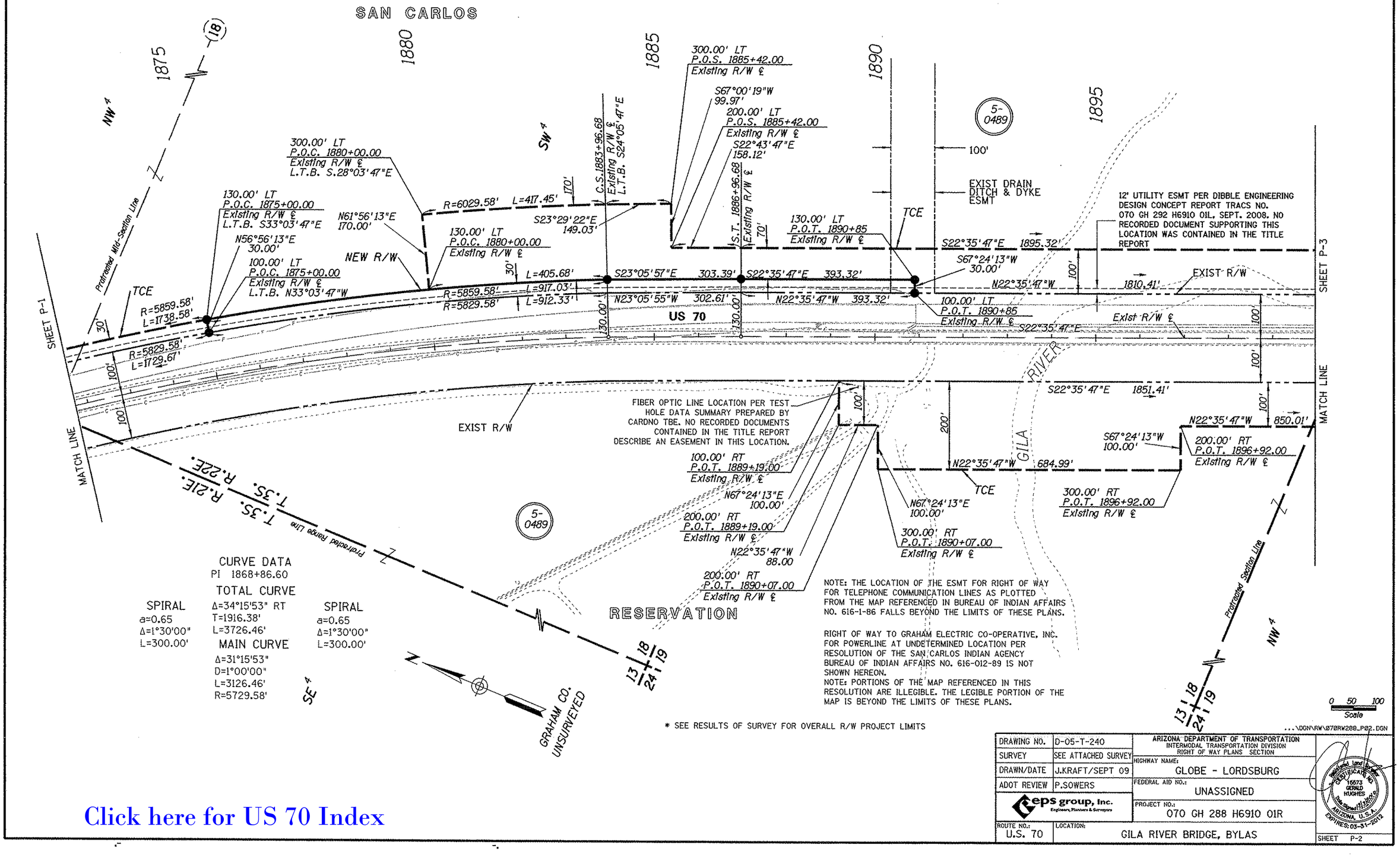
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: GLOBE - LORDSBURG
FEDERAL AID NO.: UNASSIGNED
PROJECT NO.: 070 GH 288 H6910 01R
ROUTE NO.: U.S. 70
LOCATION: GILA RIVER BRIDGE, BYLAS

Registered Land Surveyor
CERTIFICATE NO. 15573
GERALD HUGHES
Date Signed 12/1/2010
ARIZONA, U.S.A.
EXPIRES: 03-31-2012

SHEET P-1

Click here for US 70 Index



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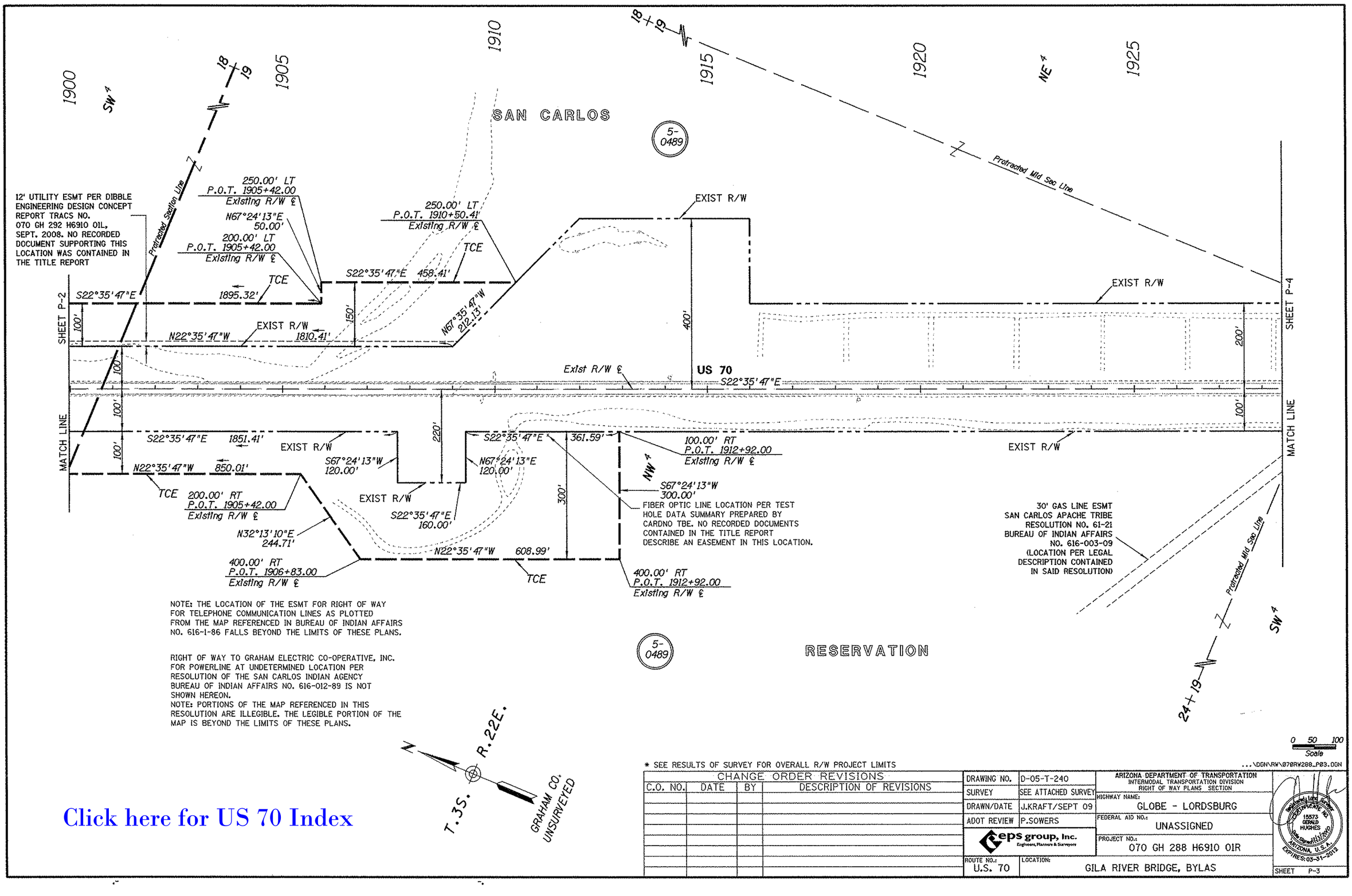

NOTE: THE LOCATION OF THE ESMT FOR RIGHT OF WAY FOR TELEPHONE COMMUNICATION LINES AS PLOTTED FROM THE MAP REFERENCED IN BUREAU OF INDIAN AFFAIRS NO. 616-1-86 FALLS BEYOND THE LIMITS OF THESE PLANS.

RIGHT OF WAY TO GRAHAM ELECTRIC CO-OPERATIVE, INC. FOR POWERLINE AT UNDETERMINED LOCATION PER RESOLUTION OF THE SAN CARLOS INDIAN AGENCY BUREAU OF INDIAN AFFAIRS NO. 616-012-89 IS NOT SHOWN HEREON.
NOTE: PORTIONS OF THE MAP REFERENCED IN THIS RESOLUTION ARE ILLEGIBLE. THE LEGIBLE PORTION OF THE MAP IS BEYOND THE LIMITS OF THESE PLANS.

Click here for US 70 Index

* SEE RESULTS OF SURVEY FOR OVERALL R/W PROJECT LIMITS

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

DRAWING NO.	D-05-T-240
SURVEY	SEE ATTACHED SURVEY
DRAWN/DATE	J.KRAFT/SEPT 09
ADOT REVIEW	P.SOWERS

eps group, inc. Engineers, Planners & Surveyors

ROUTE NO.: U.S. 70

LOCATION: GILA RIVER BRIDGE, BYLAS

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

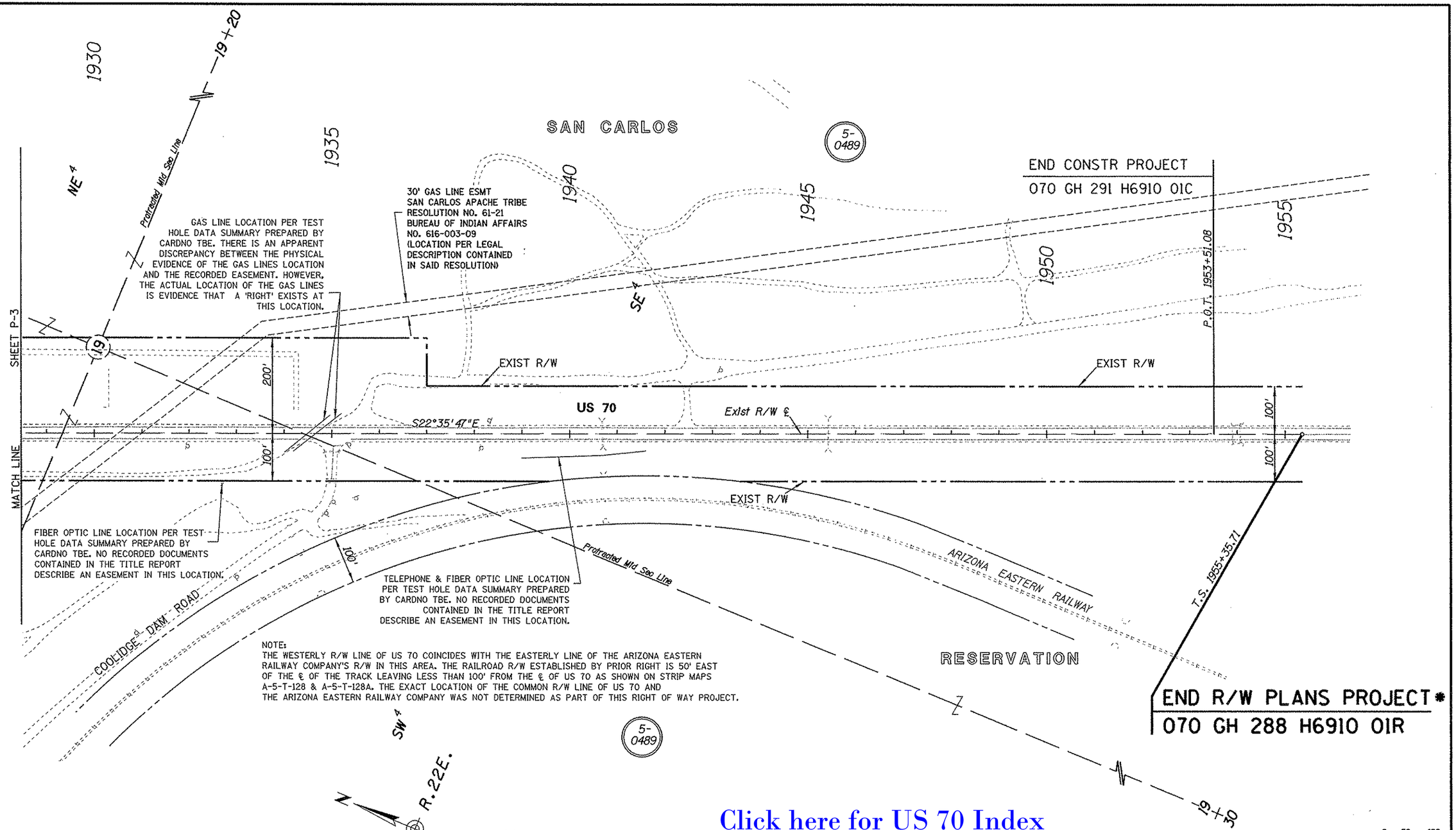
HIGHWAY NAME: GLOBE - LORDSBURG

FEDERAL AID NO.: UNASSIGNED

PROJECT NO.: 070 GH 288 H6910 01R

15573 GERALD HUGHES — REGISTERED LAND SURVEYOR — ARIZONA, U.S.A. — EXPIRES: 03-31-2012

SHEET P-3



NOTE:
THE WESTERLY R/W LINE OF US 70 COINCIDES WITH THE EASTERLY LINE OF THE ARIZONA EASTERN RAILWAY COMPANY'S R/W IN THIS AREA. THE RAILROAD R/W ESTABLISHED BY PRIOR RIGHT IS 50' EAST OF THE ℄ OF THE TRACK LEAVING LESS THAN 100' FROM THE ℄ OF US 70 AS SHOWN ON STRIP MAPS A-5-T-128 & A-5-T-128A. THE EXACT LOCATION OF THE COMMON R/W LINE OF US 70 AND THE ARIZONA EASTERN RAILWAY COMPANY WAS NOT DETERMINED AS PART OF THIS RIGHT OF WAY PROJECT.

NOTE: THE LOCATION OF THE ESMT FOR RIGHT OF WAY FOR TELEPHONE COMMUNICATION LINES AS PLOTTED FROM THE MAP REFERENCED IN BUREAU OF INDIAN AFFAIRS NO. 616-1-86 FALLS BEYOND THE LIMITS OF THESE PLANS.

RIGHT OF WAY TO GRAHAM ELECTRIC CO-OPERATIVE, INC. FOR POWERLINE AT UNDETERMINED LOCATION PER RESOLUTION OF THE SAN CARLOS INDIAN AGENCY BUREAU OF INDIAN AFFAIRS NO. 616-012-89 IS NOT SHOWN HEREON.
NOTE: PORTIONS OF THE MAP REFERENCED IN THIS RESOLUTION ARE ILLEGIBLE. THE LEGIBLE PORTION OF THE MAP IS BEYOND THE LIMITS OF THESE PLANS.

Click here for US 70 Index

* SEE RESULTS OF SURVEY FOR OVERALL R/W PROJECT LIMITS

Scale 0 50 100

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

DRAWING NO.	D-05-T-240
SURVEY	SEE ATTACHED SURVEY
DRAWN/DATE	J.KRAFT/SEPT 09
ADOT REVIEW	P.SOWERS
eps group, Inc. Engineers, Planners & Surveyors	
ROUTE NO.: U.S. 70	LOCATION: GILA RIVER BRIDGE, BYLAS

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

HIGHWAY NAME: GLOBE - LORDSBURG
FEDERAL AID NO.: UNASSIGNED
PROJECT NO.: 070 GH 288 H6910 01R

Registered Land Surveyor — Certificate No. 15573 — Gerald Hughes — Arizona U.S.A. — Expires: 03-31-2012

SHEET P-4

BUREAU OF INDIAN AFFAIRS APPLICATION SHEET

U.S. DEPARTMENT OF INTERIOR
BUREAU OF INDIAN AFFAIRS
_____ INDIAN AGENCY OFFICE
_____, ARIZONA

These plans are hereby approved pursuant to the provisions of the act of February 5, 1948 (62 Stat. 17) and Departmental Regulations 25 CFR 169 subject to any prior valid existing right of adverse claim, and also subject to any and all conditions stated in Resolution No. _____ adopted by the _____ Tribal Council on _____, 20 ____

_____
Date

This sheet is a part of the R/W plans as indicated by the sheet number in the lower right had corner, however, for use as an application, this sheet shall become the first sheet of the application plans.

Application is hereby made for highway right of way Lt. of ℄ Sta 1875+00 to ℄ Sta. 1890+00

_____
Arizona Department of Transportation

Date: 6/28/10 _____
Chief R/W Agent

STATE OF ARIZONA
COUNTY OF MARICOPA SS

Sabra J. Mousavi being first duly sworn, deposes and states that she is the Chief R/W Agent for the State of Arizona, that the survey of the highway centerline was made and that these plans were prepared from field notes of said survey, and that the right of way is 2.0 miles in length, beginning at Station 1849+70.22 and ending at Station 1955+35.71, and said right of way is accurately delineated on the plans attached.

_____
Chief R/W Agent

Subscribed and sworn to before me this 28 day of June, 2010

Paula Irene Gibson
NOTARY PUBLIC – ARIZONA
MARICOPA COUNTY
My Commission Expires
March 20, 2011

_____
Notary Public, My Commission Expires:
June 28, 2010

APPLICANT'S CERTIFICATE

I, Saman Maroufkhani, do hereby certify that I am the Deputy State Engineer for the State of Arizona hereinafter designated the applicant, that Sabra Mousavi who subscribed to the foregoing affidavit is employed by the applicant as Chief R/W Agent and that she was directed by the applicant to survey the location of a highway centerline and to prepare these plans; that the location of said centerline, 2.0 miles in length beginning at Station 1849+70.22 and ending at Station 1955+35.71, is accurately represented on these plans; that such survey as represented on these plans has been adopted by the applicant as the definite location of the highway centerline and right of way hereby shown, and that these plans have been prepared to be filed for the approval of the Secretary of the Interior or his duly authorized representative as part of the application for said right of way to be granted to the applicant, its successors and assigns, with the right to construct, maintain, and repair improvements thereon and thereover, for such purposes, and with the further right in the applicant, its successors and assigns, to transfer this right of way by assignment, grant or otherwise.

Date: 06-25-2010

_____
Deputy State Engineer

OWNERSHIP RECORD

PARCEL NUMBER	OWNER	DESCRIPTION OF AREA REQUIRED	AREA REQUIRED (NET EXCLUDING EXISTING R/W)	AREA REQUIRED NEW EASEMENTS	SHEET NO.
5-0489	SAN CARLOS APACHE TRIBE	Pt. Unsurveyed Sec. Sec. 18 T.3S. R.22E.	48,329		P-2

ALL AREAS ARE IN SQUARE FEET UNLESS OTHERWISE NOTED

Click here for US 70 Index

CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

...\DGN\RW\070RW288_BIA01.DGN

DRAWING NO.	D-05-T-240
SURVEY	SEE ATTACHED SURVEY
DRAWN/DATE	J.KRAFT/SEPT 09
ADOT REVIEW	P.SOWERS
eps group, inc. Engineers, Planners & Surveyors	
ROUTE NO.: U.S. 70	LOCATION: GILA RIVER BRIDGE, BYLAS

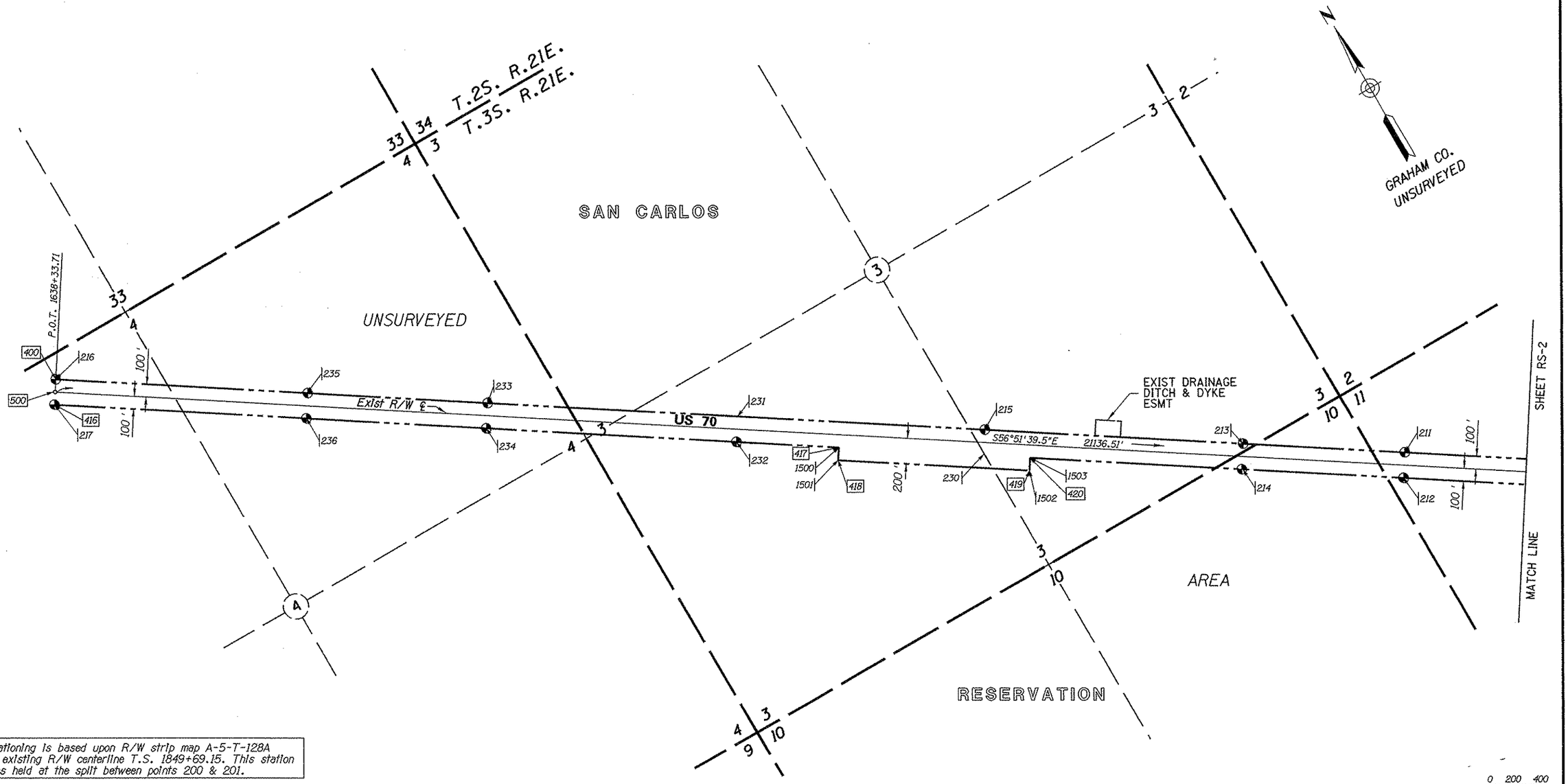
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: GLOBE - LORDSBURG
FEDERAL AID NO.: UNASSIGNED
PROJECT NO.: 070 GH 288 H6910 01R

Registered Land Surveyor
Certificate No.
15573
GERALD HUGHES
Arizona, U.S.A.
EXPIRES 6/30/2012

SHEET BIA-1

RESULTS OF SURVEY



Stationing is based upon R/W strip map A-5-T-128A at existing R/W centerline T.S. 1849+69.15. This station was held at the split between points 200 & 201.

Protracted section lines are based upon Bureau of Land Management Arizona Protraction Diagram No. 64

LEGEND

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

Click here for US 70 Index

0 200 400
Scale

...\DGN\ROS\070RW288_RS01.DGN

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

DRAWING NO.	D-05-T-240
SURVEY	JULY 2009
DRAWN/DATE	G.MORGAN/AUG 09
ADOT REVIEW	P. SOWERS
eps group, inc. Engineers, Planners & Surveyors	
ROUTE NO.:	U.S. 70
LOCATION:	GILA RIVER BRIDGE, BYLAS

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

HIGHWAY NAME: GLOBE - LORDSBURG

FEDERAL AID NO.: UNASSIGNED

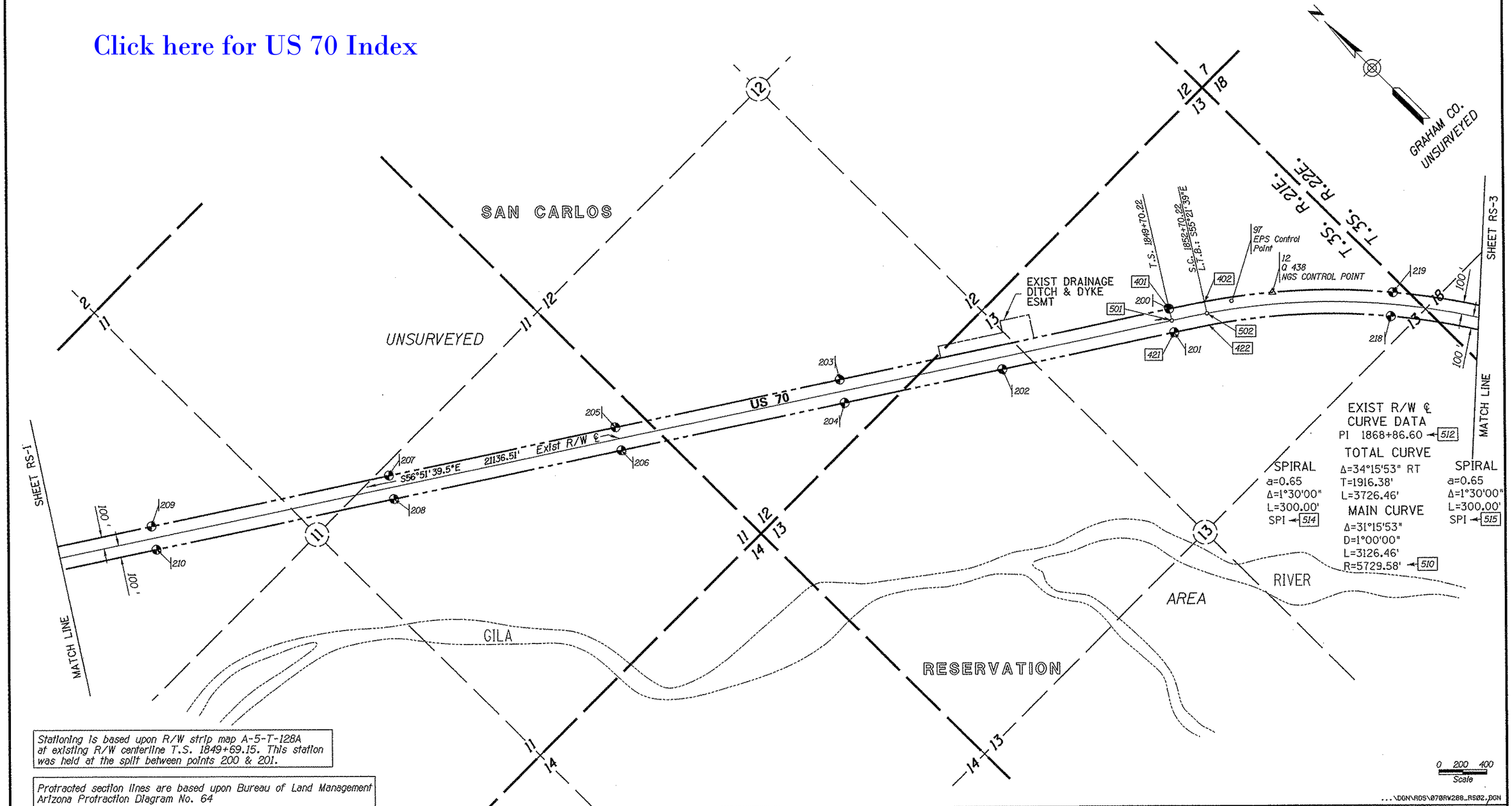
PROJECT NO.: 070 GH 288 H6910 01R

Registered Land Surveyor
CERTIFICATE NO.
15573
GERALD HUGHES
ARIZONA, U.S.A.
EXPIRES: 03-31-2012

SHEET RS-1

RESULTS OF SURVEY

Click here for US 70 Index



Stationing is based upon R/W strip map A-5-T-128A at existing R/W centerline T.S. 1849+69.15. This station was held at the split between points 200 & 201.

Protracted section lines are based upon Bureau of Land Management Arizona Protraction Diagram No. 64

LEGEND

302 Set Monument

300 Found Monument

301 Calculated position

Existing ADOT R/W monument

...\DGN\RDS\070RW288_RS02.DGN

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

DRAWING NO.	D-05-T-240
SURVEY	JULY 2009
DRAWN/DATE	G.MORGAN/AUG 09
ADOT REVIEW	P. SOWERS

eps group, Inc. Engineers, Planners & Surveyors

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

HIGHWAY NAME: GLOBE - LORDSBURG

FEDERAL AID NO.: UNASSIGNED

PROJECT NO.: 070 GH 288 H6910 01R

ROUTE NO.: U.S. 70

LOCATION: GILA RIVER BRIDGE, BYLAS

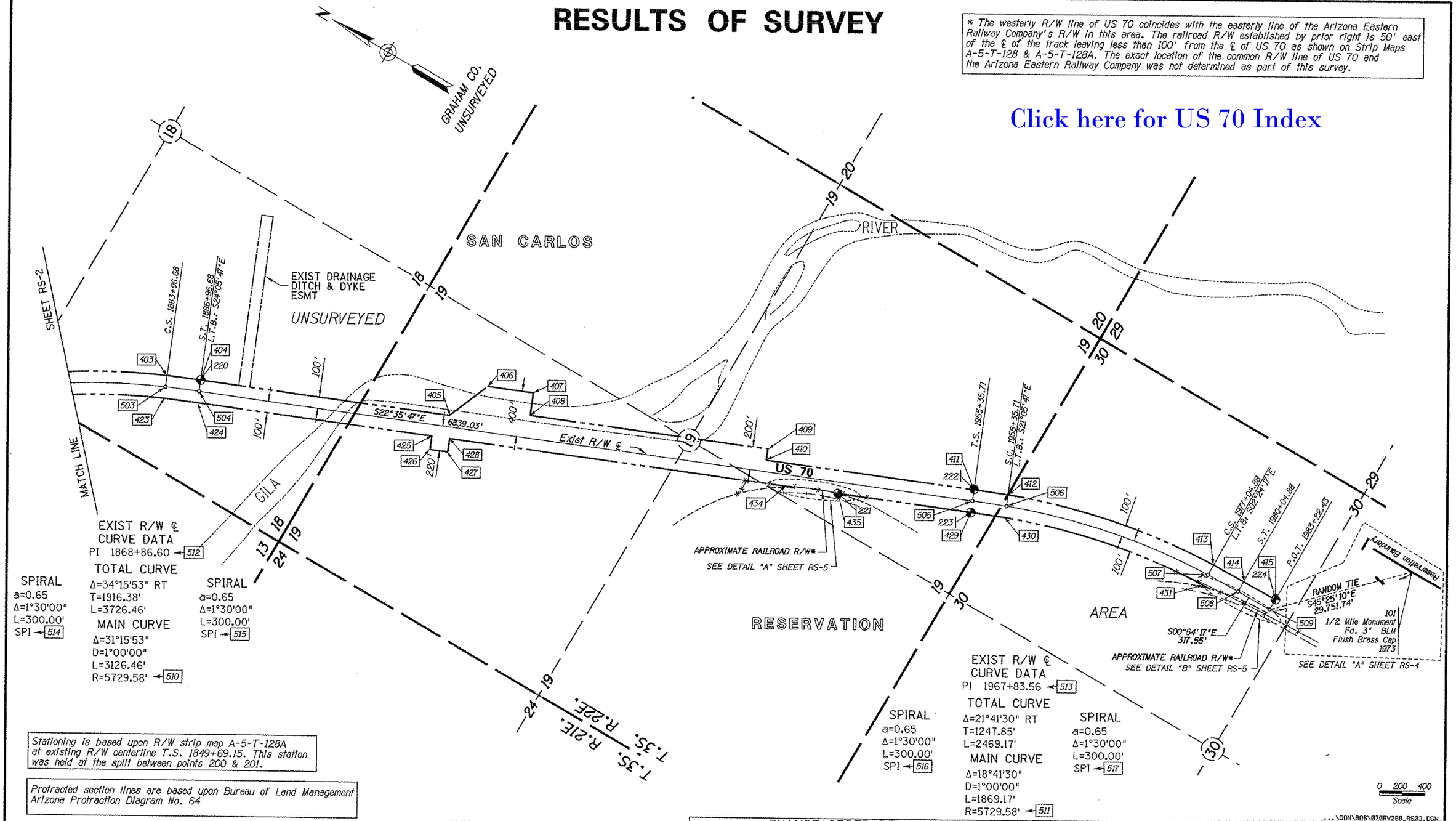
Registered Land Surveyor
Certificate No. 15573
GERALD HUGHES
Date Signed 12/1/2010
ARIZONA, U.S.A.
EXPIRES: 03-31-2012

SHEET RS-2

RESULTS OF SURVEY

* The westerly R/W line of US 70 coincides with the easterly line of the Arizona Eastern Railway Company's R/W in this area. The railroad R/W established by prior right is 50' east of the ℄ of the track leaving less than 100' from the ℄ of US 70 as shown on Strip Maps A-5-T-128 & A-5-T-128A. The exact location of the common R/W line of US 70 and the Arizona Eastern Railway Company was not determined as part of this survey.

Click here for US 70 Index



EXIST R/W ℄ CURVE DATA
PI 1868+86.60 [512]
TOTAL CURVE
Δ=34°15'53" RT
T=1916.38'
L=3726.46'
MAIN CURVE
Δ=31°15'53"
D=1°00'00"
L=3126.46'
R=5729.58' [510]

SPIRAL
a=0.65
Δ=1°30'00"
L=300.00'
SPI [514]

SPIRAL
a=0.65
Δ=1°30'00"
L=300.00'
SPI [515]

EXIST R/W ℄ CURVE DATA
PI 1967+83.56 [513]
TOTAL CURVE
Δ=21°41'30" RT
T=1247.85'
L=2469.17'
MAIN CURVE
Δ=18°41'30"
D=1°00'00"
L=1869.17'
R=5729.58' [511]

SPIRAL
a=0.65
Δ=1°30'00"
L=300.00'
SPI [516]

SPIRAL
a=0.65
Δ=1°30'00"
L=300.00'
SPI [517]

Stationing is based upon R/W strip map A-5-T-128A at existing R/W centerline T.S. 1849+69.15. This station was held at the split between points 200 & 201.

Protracted section lines are based upon Bureau of Land Management Arizona Protraction Diagram No. 64

LEGEND

302 Set Monument
300 Found Monument
SFNF Searched For, Not Found
301 Calculated position
Existing ADOT R/W monument

0 200 400
Scale

...\DGN\RDS\070RW288_RS03.DGN

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

DRAWING NO.	D-05-T-240
SURVEY	JULY 2009
DRAWN/DATE	G.MORGAN/AUG 09
ADOT REVIEW	P. SOWERS
eps group, Inc. Engineers, Planners & Surveyors	
ROUTE NO.: U.S. 70	LOCATION: GILA RIVER BRIDGE, BYLAS

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

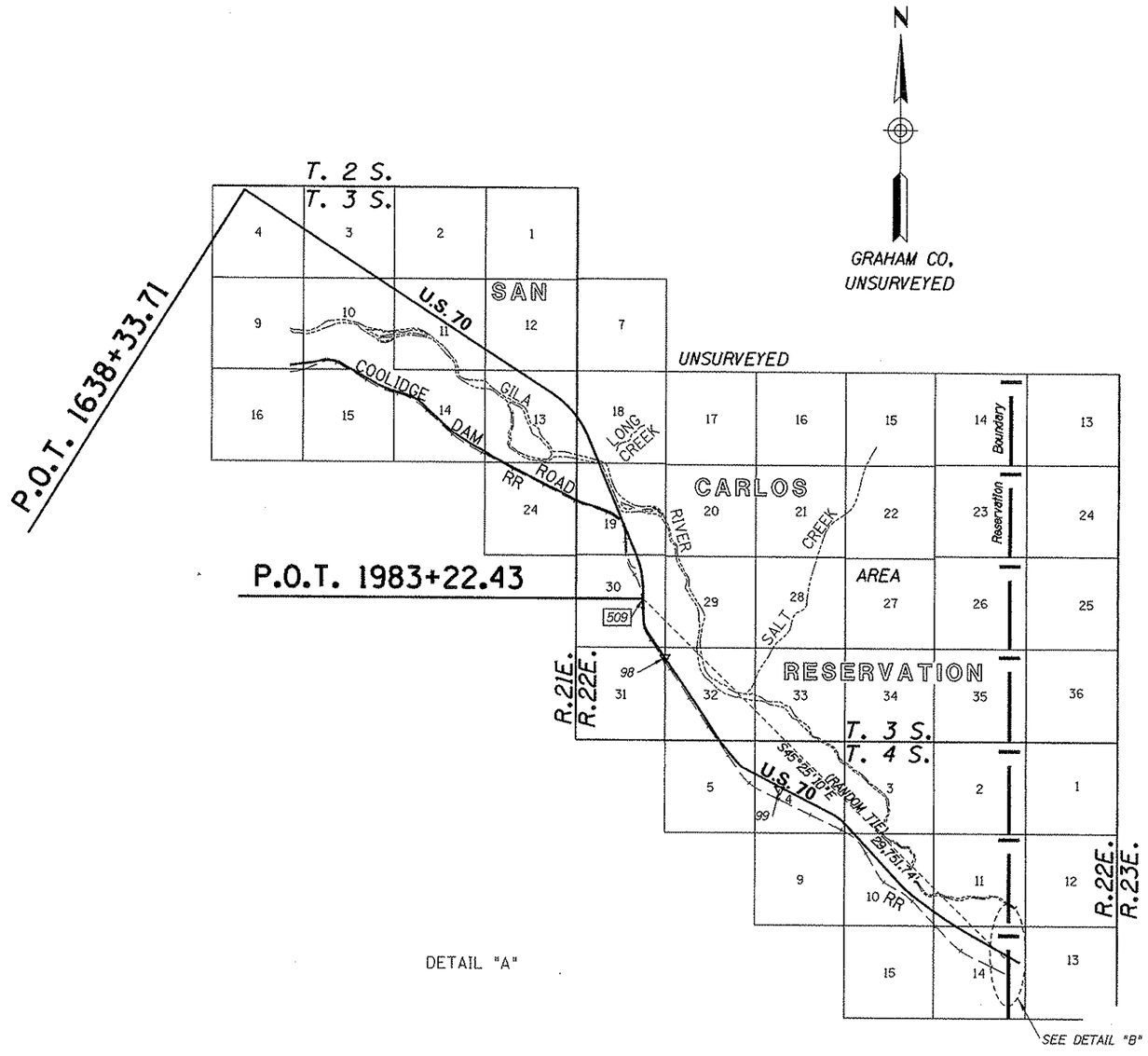
HIGHWAY NAME: GLOBE - LORDSBURG
FEDERAL AID NO.: UNASSIGNED
PROJECT NO.: 070 GH 288 H6910 01R

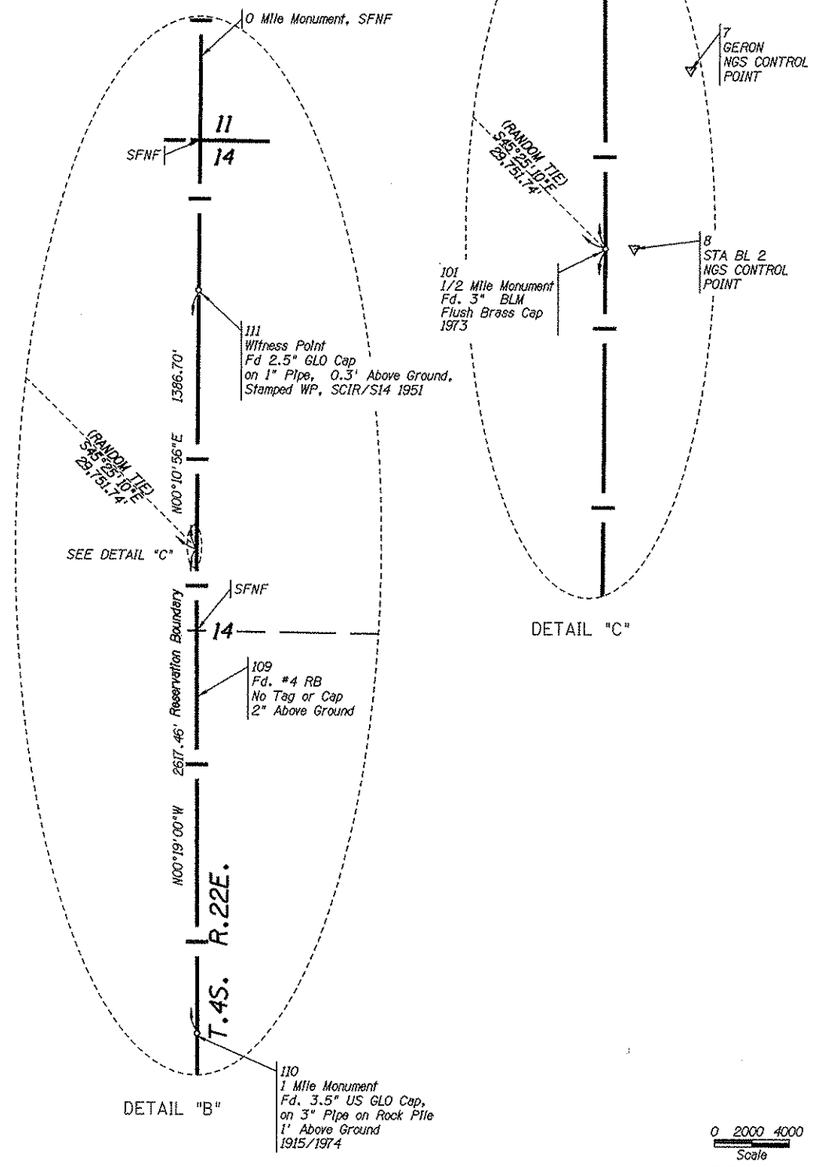
Registered Land Surveyor
15573
GERALD HUGHES
ARIZONA, U.S.A.
EXPIRES: 03-31-2012

SHEET RS-3

Click here for US 70 Index

RESULTS OF SURVEY





LEGEND

- 302 Set Monument
- 300 Found Monument
- SFNF Searched For, Not Found
- 301 Calculated position
- Existing ADOT R/W monument

0 2000 4000
Scale

...\DGN\ROS\070RW288_RS04.DGN

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

DRAWING NO.	D-05-T-240
SURVEY	JULY 2009
DRAWN/DATE	G.MORGAN/AUG 09
ADOT REVIEW	P. SOWERS
eps group, inc. Engineers, Planners & Surveyors	
ROUTE NO.: U.S. 70	LOCATION: GILA RIVER BRIDGE, BYLAS

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

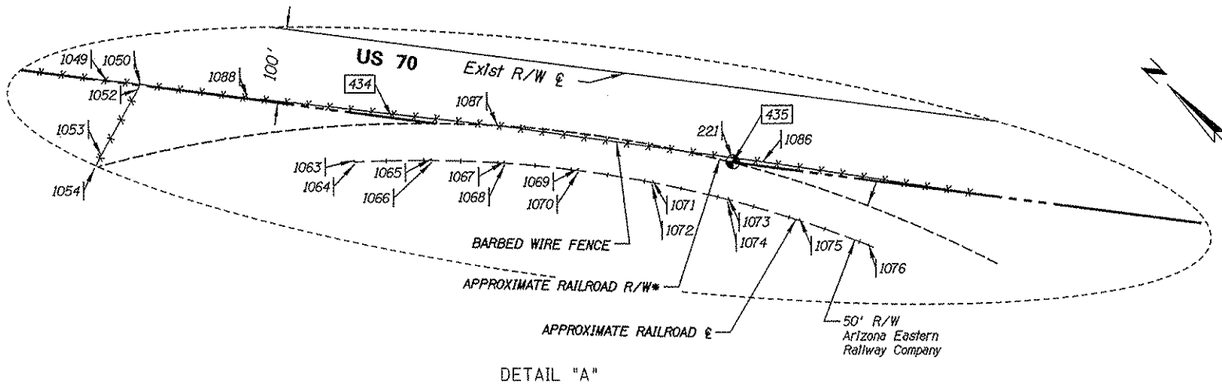
HIGHWAY NAME: GLOBE - LORDSBURG
FEDERAL AID NO.: UNASSIGNED
PROJECT NO.: 070 GH 288 H6910 01R

Registered Land Surveyor
CERTIFICATE NO.
15573
GERALD HUGHES
Date Signed 12/1/2010
ARIZONA, U.S.A.
EXPIRES: 03-31-2012

SHEET RS-4

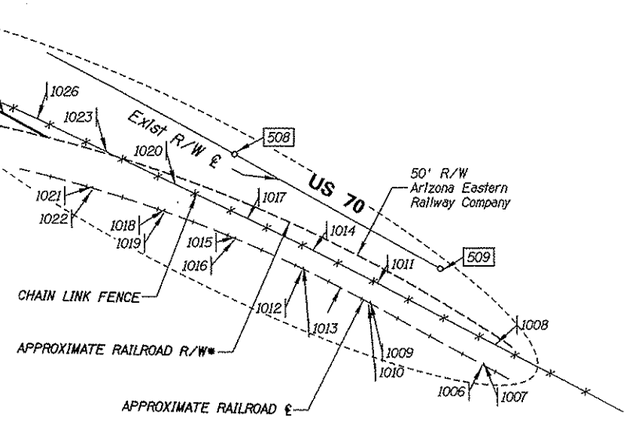
RESULTS OF SURVEY

* The westerly R/W line of US 70 coincides with the easterly line of the Arizona Eastern Railway Company's R/W in this area. The railroad R/W established by prior right is 50' east of the ℄ of the track leaving less than 100' from the ℄ of US 70 as shown on Strip Maps A-5-T-128 & A-5-T-128A. The exact location of the common R/W line of US 70 and the Arizona Eastern Railway Company was not determined as part of this survey.



DETAIL "A"

GRAHAM CO.
UNSURVEYED



DETAIL "B"

Click here for US 70 Index

LEGEND

- 302 Set Monument
- 300 Found Monument
- SFNF Searched For, Not Found
- 301 Calculated position
- Existing ADOT R/W monument

0 50 100
Scale

...\DGN\ROS\070RW288_RS05.DGN

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

DRAWING NO.	D-05-T-240
SURVEY	JULY 2009
DRAWN/DATE	G.MORGAN/AUG 09
ADOT REVIEW	P. SOWERS
eps group, Inc. Engineers, Planners & Surveyors	
ROUTE NO.: U.S. 70	LOCATION: GILA RIVER BRIDGE, BYLAS

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

HIGHWAY NAME: GLOBE - LORDSBURG

FEDERAL AID NO.: UNASSIGNED

PROJECT NO.: 070 GH 288 H6910 01R

Registered Land Surveyor
CERTIFICATE NO.
15573
GERALD
HUGHES
ARIZONA, U.S.A.
EXPIRES: 03-31-2012

SHEET RS-5

RESULTS OF SURVEY

EPS GROUP SURVEY CONTROL POINTS			
The points shown below were used to establish local secondary project control, based on the control stations shown in the general notes.			
POINT NO.	NORTHING	EASTING	DESCRIPTION
97	791505.91600	707696.89410	SET #4RB W/CAP "EPS CONTROL PT"
98	776492.11060	713981.00940	SET #4RB W/CAP "EPS CONTROL PT"
99	768920.63280	720633.74520	SET #4RB W/CAP "EPS CONTROL PT"

MISCELLANEOUS MONUMENTATION			
POINT NO.	NORTHING	EASTING	DESCRIPTION
8	759013.03440	733893.92820	NGS CONTROL POINT "STA BL 2"
12	792569.15500	707990.56900	NGS CONTROL POINT "Q 438"
109	758211.98070	733897.65010	#4 RB W/NO TAG 0.3' HIGH

RESERVATION BOUNDARY CORNERS			
POINT NO.	NORTHING	EASTING	DESCRIPTION
101	759013.02220	733892.94710	GLO BC
110	756395.59880	733907.41420	GLO BC
111	760399.71180	733897.35940	GLO BC

CALCULATED POINTS					
PT.	NORTHING	EASTING	PT.	NORTHING	EASTING
400	803382.77655	689584.90778	426	786928.31259	710163.53886
401	791828.02529	707283.49297	427	786780.59504	710225.01671
402	791660.38300	707535.42177	428	786826.70342	710335.80487
403	789244.15688	709543.45377	429	782574.92899	712105.32999
404	788965.80780	709662.17120	430	782299.40160	712217.20197
405	786931.24776	710508.92471	431	780509.30811	712589.55880
406	786769.54831	710901.16608	434	784085.07411	711476.83011
407	786400.25709	711054.85958	435	783658.07568	711654.54049
408	786323.40978	710870.21264	500	803299.04190	689530.24053
409	784384.61693	711677.10932	501	791744.29064	707228.82572
410	784346.19327	711584.78585	502	791578.10806	707478.58133
411	782651.77629	712289.97693	503	789203.32965	709452.16775
412	782371.38907	712403.79726	504	788927.38410	709569.84771
413	780517.69957	712789.38268	505	782613.35264	712197.65346
414	780215.18203	712796.81220	506	782335.39533	712310.49961
415	779897.67337	712801.82599	507	780513.50384	712689.47074
416	803215.30725	689475.57328	508	780213.60313	712696.82467
417	799843.28347	694640.55250	509	779896.09446	712701.83846
418	799759.54882	694585.88525	510	786864.10159	704221.86411
419	798939.54002	695841.90498	511	780273.10606	706964.93823
420	799023.27467	695896.57223	512	790696.65620	708833.50304
421	791660.55599	707174.15846	513	781461.29583	712677.12233
422	791495.83313	707421.74089	514	791634.95221	707396.30103
423	789162.50242	709360.88173	515	789112.03204	709492.99999
424	788888.96045	709477.52424	516	782428.69907	712274.50353
425	786974.42097	710274.32703	517	780413.58538	712693.66675

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MISCELLANEOUS RAILROAD TRACK & FENCE LOCATIONS			
POINT NO.	NORTHING	EASTING	DESCRIPTION
1006	779781.85090	712614.79460	RR Track
1007	779781.99040	712619.76400	RR Track
1008	779781.76400	712648.97660	CLF
1009	779956.16600	712616.21700	RR Track
1010	779955.71200	712611.25560	RR Track
1011	779960.10590	712642.31200	CLF
1012	780056.75410	712606.37450	RR Track
1013	780057.23880	712611.28270	RR Track
1014	780058.02240	712637.68470	CLF
1015	780156.85380	712601.30720	RR Track
1016	780156.60200	712596.28110	RR Track
1017	780155.42430	712630.45600	CLF
1018	780257.39010	712585.55850	RR Track
1019	780256.43520	712580.66480	RR Track
1020	780262.85860	712621.94160	CLF
1021	780356.69090	712564.40920	RR Track
1022	780355.25440	712559.66370	RR Track
1023	780364.40070	712613.92030	CLF
1026	780466.27520	712606.11470	CLF
1049	784443.99860	711327.64600	BWF
1050	784402.55130	711345.90580	BWF
1052	784401.56420	711338.46610	BWF
1053	784400.57400	711236.48080	BWF
1063	784100.84940	711401.47010	RR Track
1064	784097.96250	711397.55610	RR Track
1065	784011.94400	711455.73040	RR Track
1066	784009.50890	711451.41420	RR Track
1067	783924.68960	711501.90330	RR Track
1068	783922.78710	711497.42160	RR Track
1069	783833.29110	711543.27710	RR Track
1070	783831.32950	711538.67510	RR Track
1071	783738.62730	711579.27660	RR Track
1072	783737.12440	711574.55790	RR Track
1073	783639.86020	711609.99760	RR Track
1074	783638.32560	711605.27460	RR Track
1075	783542.39030	711633.46440	RR Track
1076	783444.83400	711650.55450	RR Track
1086	783623.51770	711675.17720	BWF
1087	783957.02820	711538.69790	BWF
1088	784267.83320	711402.14630	BWF

GENERAL NOTES

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

CALVA NAD 83(1992) 33°10'41.75582"(N) 110°10'42.92066"(W)
GRID COORDINATES N 792,389.60141 E 696,352.26175
GROUND COORDINATES (PT. 4)N 792568.76070 E 696509.70700

GERON NAD 83(1992) 33°05'10.26396"(N) 110°03'23.32221"(W)
GRID COORDINATES N 758,905.15045 E 733,748.02657
GROUND COORDINATES (PT. 7) N 759076.73890 E 733913.92700

R 438 NAD 83(1992) 33°07'19.94494"(N) 110°06'42.62255"(W)
GRID COORDINATES N 771,997.87 E 716,785.36
GROUND COORDINATES (PT. 1) N 772172.40160 E 716947.40670

WILD NAD 83(1992) 33°14'08.32907"(N) 110°09'05.28240"(W)
GRID COORDINATES N 813,267.14200 E 704,647.29755
GROUND COORDINATES (PT. 2) N 813451.02170 E 704806.61830

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

SYSTEM: UNITED STATES STATE PLANE 1983
ZONE: ARIZONA EASTERN 0201
DATUM: NORTH AMERICAN 1983 (CONUS) EQUIVALENT TO WGS-84
GEOID MODEL: GEOID99 (CONTINENTAL US)

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

DIRECT SATELLITE OBSERVATIONS 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 1.0002261, AS OBTAINED FROM ADOT P&M JOB NO. 3744, AND SCALE ORIGIN VALUES OF N=0.00, E=0.00, WERE USED FOR THE TRANSLATION TO THE SURFACE.

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

MONUMENT VERIFICATION AND ACCEPTANCE:

THE EXISTING ADOT R/W 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 R/W PLANS, MAPS AND R/W TITLE DOCUMENTS AVAILABLE AT THE TIME THE SURVEY WAS PREPARED; AND MAY NOT REFLECT PRIOR OR PENDING ADOT DISPOSALS OR ACQUISITIONS THAT WERE NOT SHOWN ON SAID PLANS AND DOCUMENTS AT THE TIME THE SURVEY WAS PREPARED.

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

...\DGN\ROS\070RW288_RS06.DGN

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

DRAWING NO.	D-05-T-240
SURVEY	JULY 2009
DRAWN/DATE	G.MORGAN/AUG 09
ADOT REVIEW	P. SOWERS
eps group, inc. Engineers, Planners & Surveyors	
ROUTE NO.: U.S. 70	LOCATION: GILA RIVER BRIDGE, BYLAS

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

HIGHWAY NAME: GLOBE - LORDSBURG
FEDERAL AID NO.: UNASSIGNED
PROJECT NO.: 070 GH 288 H6910 01R

Registered Land Surveyor — CERTIFICATE NO. 15573 — GERALD HUGHES — ARIZONA U.S.A. — EXPIRES: 03-31-2012

SHEET RS-6

RESULTS OF SURVEY

PUBLIC INFORMATION USED

ADOT RIGHT-OF-WAY PLANS AND AS-BUILTS

PROJECT No.	DRAWING No.	ADOT TRACS No.	DESCRIPTION	DATE
F022-4(2)	-----	-----	AS BUILT PLANS	1953
F022-4(4)	-----	-----	AS BUILT PLANS	1957
F-15(10)	-----	-----	AS BUILT PLANS	1956
070 GH 287	-----	H4222 01 C	AS BUILT PLANS	2001
ER-022-4(22)	D-5-T-225	-----	R/W PLAN SHEET	1985
-----	A-5-T-128	-----	R/W STRIP MAP	1950
-----	A-5-T-128B	-----	R/W STRIP MAP	1950
-----	A-5-T-135	-----	R/W STRIP MAP	-----

GLO & BLM PLATS

PLAT NO.	DESCRIPTION	DATE
-----	BLM ARIZONA PROTRACTION DIAGRAM No. 64	1960
-----	T. 4 S., R. 22 E. DEPENDENT RESURVEY, PORTION OF THE BOUNDARY OF THE WHITE MOUNTAIN INDIAN RESERVATION	1936
1572	T. 4 S., R. 22 E. DEPENDENT RESURVEY AND EXTENSION SURVEY	1952
1571	T. 4 S., R. 22 E. RESURVEY OF EAST AND SOUTH BOUNDARIES AND PORTION OF WEST BOUNDARY	1956
-----	T. 4 S., R. 22 E. EAST BOUNDARY OF THE SAN CARLOS INDIAN RESERVATION, DEPENDENT RESURVEY	1976

GLO & BLM FIELD NOTES

BOOK	PAGES	DATE
1963	4-8	1887
1789	35-41	1893
4107	3-5	1933
4397	2-3	1951
5011	1-4	1973

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
400	1638+33.71	100.00 LT	416	1638+33.71	100.00 RT
401	1849+70.22	100.00 LT	417	1700+01.98	100.00 RT
402	1852+70.22	100.00 LT	418	1700+01.98	200.00 RT
510	RADIUS PT.	-----	419	1715+01.98	200.00 RT
403	1883+96.68	100.00 LT	420	1715+01.98	100.00 RT
404	1886+96.68	100.00 LT	421	1849+70.22	100.00 RT
405	1909+00.41	100.00 LT	422	1852+70.22	100.00 RT
406	1912+00.41	400.00 LT	510	RADIUS PT.	-----
407	1916+00.41	400.00 LT	423	1883+96.68	100.00 RT
408	1916+00.41	200.00 LT	424	1886+96.68	100.00 RT
409	1937+00.41	200.00 LT	425	1907+70.41	100.00 RT
410	1937+00.41	100.00 LT	426	1907+70.41	220.00 RT
411	1955+35.71	100.00 LT	427	1909+30.41	220.00 RT
412	1958+35.71	100.00 LT	428	1909+30.41	100.00 RT
511	RADIUS PT.	-----	434	1939+00.01	100.00 RT
413	1977+04.88	100.00 LT	435	1943+62.51	100.00 RT
414	1980+04.88	100.00 LT	429	1955+35.71	100.00 RT
415	1983+22.43	100.00 LT	430	1958+35.71	100.00 RT
			511	RADIUS PT.	-----
			431	1977+04.88	100.00 RT

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EXISTING R/W MONUMENTATION

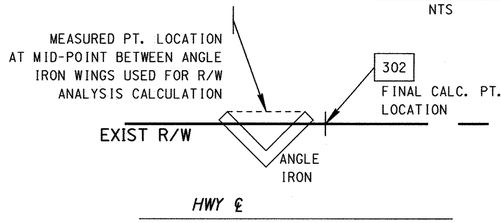
POINT NO.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
200	791828.81693	707282.74595	ANGLE IRON	1849+69.17	100.25 LT
201	791661.37267	707173.37135	ANGLE IRON	1849+69.12	99.75 RT
202	792471.72733	705931.69612	ANGLE IRON	1834+86.41	99.99 TR
203	793378.67580	704908.09660	ANGLE IRON	1821+33.50	99.87 LT
204	793211.84220	704798.05220	ANGLE IRON	1821+32.55	99.99 RT
205	794432.37801	703293.92675	ANGLE IRON	1802+05.85	99.76 LT
206	794261.42949	703190.81935	ANGLE IRON	1802+12.96	99.75 RT
207	795499.06791	701662.19586	ANGLE IRON	1782+56.39	100.93 LT
208	795330.97979	701552.30364	ANGLE IRON	1782+56.26	99.90 RT
209	796618.60330	699945.62020	ANGLE IRON	1762+07.00	99.96 LT
210	796450.68920	699836.14050	ANGLE IRON	1762+07.13	100.49 RT
211	797587.12720	698461.69160	ANGLE IRON	1744+34.98	99.73 LT
212	797419.63380	698352.43640	ANGLE IRON	1744+35.06	100.25 RT
213	798280.82080	697399.43820	ANGLE IRON	1731+66.28	99.88 LT
214	798113.22710	697290.31580	ANGLE IRON	1731+66.52	100.10 RT
215	799389.58630	695701.28090	ANGLE IRON	1711+38.20	99.97 LT
216	803382.94980	689585.02900	ANGLE IRON	1638+33.72	100.21 LT
217	803215.51280	689475.69940	ANGLE IRON	1638+33.70	99.76 RT
218	790462.32420	708551.35920	ANGLE IRON	1868+33.34	100.04 RT
219	790590.27240	708705.20630	ANGLE IRON	1868+33.27	100.06 LT
220	788964.90210	709662.54810	ANGLE IRON	1886+97.67	100.00 LT
221	783658.24470	711654.94660	ANGLE IRON	1943+62.51	99.56 RT
222	782652.85799	712290.02350	ANGLE IRON	1955+34.74	100.46 LT
223	782574.94680	712105.05660	ANGLE IRON	1955+35.60	100.25 RT
224	779897.66060	712801.01750	ANGLE IRON	1983+22.43	99.19 LT
230	799226.49390	695594.76940	#6 RB W/No ID 0.1' HIGH	1711+38.17	94.82 RT
231	800447.97110	694080.17430	#4 RB W/No ID 0.2' HIGH	1692+02.18	99.99 LT
232	800280.64130	693970.59000	ANGLE IRON	1692+01.90	100.03 RT
233	801522.08950	692434.86110	ANGLE IRON	1672+37.29	99.95 LT
234	801354.64720	692325.70990	ANGLE IRON	1672+37.43	99.93 RT
235	802298.60570	691245.83090	ANGLE IRON	1658+17.16	100.15 LT
236	802130.60840	691136.62520	ANGLE IRON	1658+17.56	100.22 RT
1500	799843.15310	694640.13350	FENCE CORNER	1700+01.70	100.34 RT
1501	799759.59270	694585.08760	FENCE CORNER	1700+01.28	200.40 RT
1502	798939.59380	695842.92810	FENCE CORNER	1715+02.80	199.40 RT
1503	799022.72370	695896.38160	FENCE CORNER	1715+02.12	100.57 RT

UNLIKE THE MORE COMMON SITUATION WHEREBY ANGLE IRONS ARE CONSIDERED TO BE A WITNESS POST TO THE R/W CORNER LOCATION, THE ANGLE IRONS ON THIS PROJECT ARE BEING USED AS THE ACTUAL R/W CORNER MONUMENT DUE TO:

1. THE MEASURED RELATIVE POSITION OF THE ANGLE IRONS WITHIN THEMSELVES;
2. THAT THEIR RELATIVE POSITION COMPARES VERY CLOSELY TO THE RECORD R/W RELATIONSHIP; AND
3. THE VINTAGE OF THE ANGLE IRONS.

ANGLE IRON DETAIL

NTS



NOTE: DETAIL IS CONCEPTUAL ONLY. ACTUAL LOCATIONAL RELATIONSHIP BETWEEN THE ANGLE IRON, FINAL CALC. PT. AND R/W LINE VARIES FOR EACH POINT

THE METHODOLOGY AND ANALYSIS REGARDING ITEMS SHOWN HEREON IN THE EXISTING R/W MONUMENTATION TABLE AND THE ANGLE IRON DETAIL ARE BASED ON HISTORICAL ADOT R/W MONUMENTATION STANDARDS AND PRACTICES. REFERENCE IS MADE TO HISTORICAL ADOT MONUMENT DETAIL A-1 (1939) AND C-1 (1955)

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CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
N/A	09-23-15	TJW	Correct coordinate and station offset for point 222

DRAWING NO.	D-05-T-240
SURVEY	JULY 2009
DRAWN/DATE	G.MORGAN/AUG 09
ADOT REVIEW	P. SOWERS

eps group, inc. Engineers, Planners & Surveyors

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

HIGHWAY NAME: GLOBE - LORDSBURG

FEDERAL AID NO.: UNASSIGNED

PROJECT NO.: 070 GH 288 H6910 01R

ROUTE NO.: U.S. 70

LOCATION: GILA RIVER BRIDGE, BYLAS

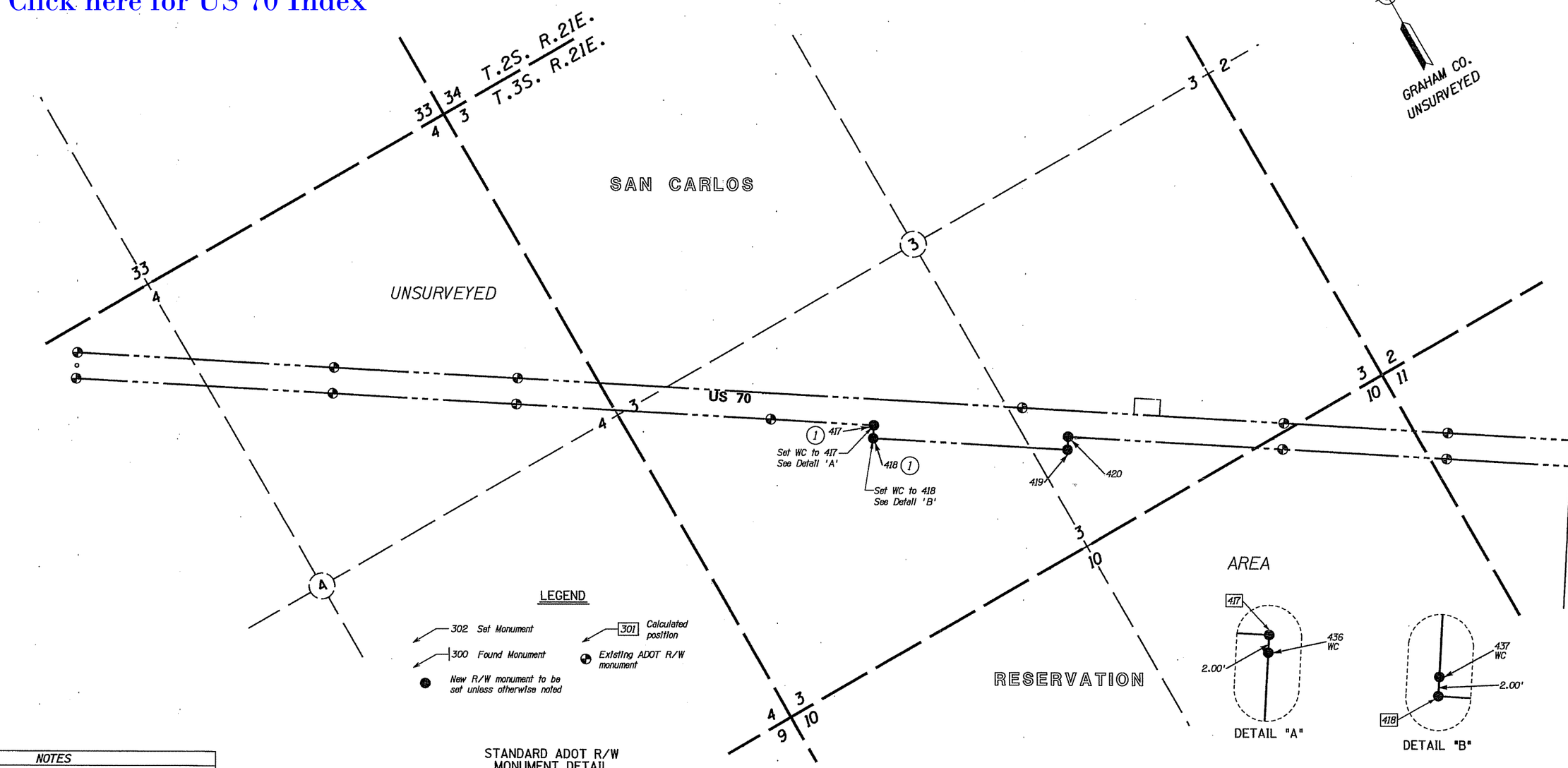
Professional Land Surveyor CERTIFICATE NO. 15573 GERALD HUGHES Date Signed 03/31/12 ARIZONA, U.S.A. EXPIRES: 03-31-2012

SHEET RS-7

RIGHT OF WAY MONUMENTATION SURVEY

THIS SURVEY SUPPLEMENTS THE RESULTS OF SURVEY AS SHOWN ON SHEETS RS-1 TO RS-7

Click here for US 70 Index



NOTES

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

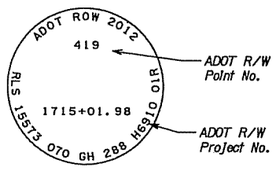
MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
417	799843.28347	694640.55250	See note 1	1700+01.98	100.00' RT
418	799759.54882	694585.88525	See note 1	1700+01.98	200.00' RT
419	798939.54002	695841.90498	Set standard monument	1715+01.98	200.00' RT
420	799023.27467	695896.51223	Set standard monument	1715+01.98	100.00' RT
436	799841.60877	694639.45160	Witness Corner	-------	-------
437	799761.22351	694586.97859	Witness Corner	-------	-------

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 1/4" aluminum cap on 5/8 " rebar. Typical stamping below.



0 200 400
Scale

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CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
9835	5/24/13	GM	PREPARE FINAL MONUMENTATION SURVEY

DRAWING NO.	D-05-T-240
SURVEY	OCTOBER 2013
DRAWN/DATE	G. MORGAN/ NOV
ADOT REVIEW	M. MAYES
ROUTE NO.:	U.S. 70
LOCATION:	GILA RIVER BRIDGE, BYLAS

eps group, Inc. Engineers, Planners & Surveyors

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

HIGHWAY NAME: GLOBE - LORDSBURG
FEDERAL AID NO.: UNASSIGNED
PROJECT NO.: 070 GH 288 H6910 01R

Registered Land Surveyor — 15573 — GERALD HUGHES — Date Signed 12-17-13 — ARIZONA, U.S.A.

EXPIRES: 3/31/2015

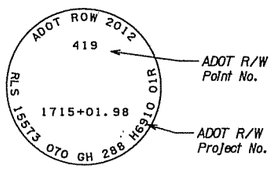
SHEET MS-1

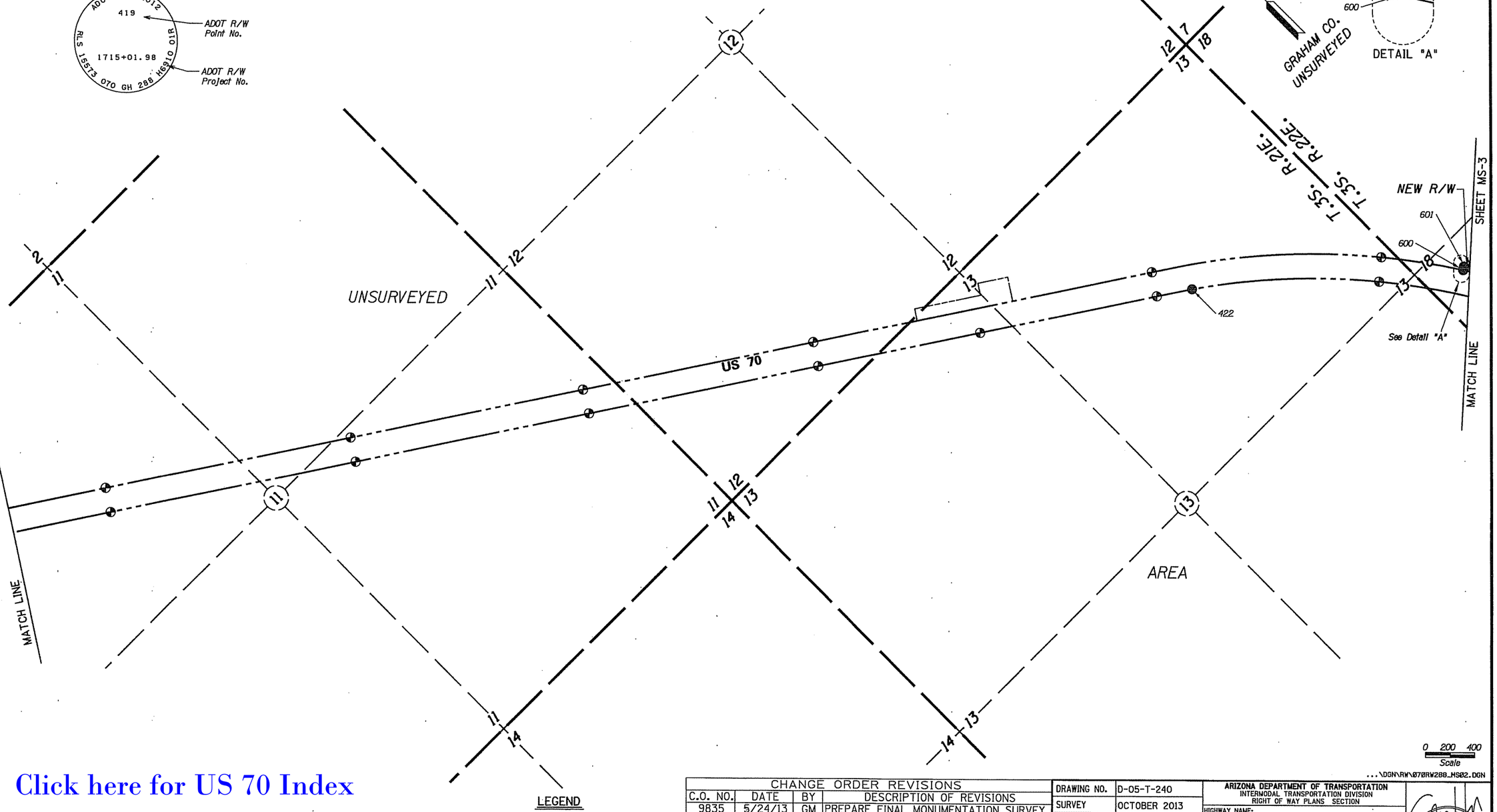
RIGHT OF WAY MONUMENTATION SURVEY

THIS SURVEY SUPPLEMENTS THE RESULTS OF SURVEY AS SHOWN ON SHEETS RS-1 TO RS-7

STANDARD ADOT R/W MONUMENT DETAIL

Unless otherwise noted, all set monuments are 3 1/4" aluminum cap on 5/8 " rebar. Typical stamping below.





Click here for US 70 Index

MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
422	791495.83313	707421.74089	Set standard monument	1852+70.22	100.00' RT
600	790044.50409	709107.45718	Set standard monument	1875+00.00	100.00' LT
601	790060.87099	709132.59927	Set standard monument	1875+00.00	130.00' LT

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

LEGEND

- 302 Set Monument
- 300 Found Monument
- New R/W monument to be set unless otherwise noted
- 301 Calculated position
- Existing ADOT R/W monument

0 200 400
Scale

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CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
9835	5/24/13	GM	PREPARE FINAL MONUMENTATION SURVEY

DRAWING NO.	D-05-T-240
SURVEY	OCTOBER 2013
DRAWN/DATE	G. MORGAN/ NOV
ADOT REVIEW	M. MAYES

eps group, Inc. Engineers, Planners & Surveyors

ROUTE NO.: U.S. 70

LOCATION: GILA RIVER BRIDGE, BYLAS

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

HIGHWAY NAME: GLOBE - LORDSBURG

FEDERAL AID NO.: UNASSIGNED

PROJECT NO.: 070 GH 288 H6910 01R

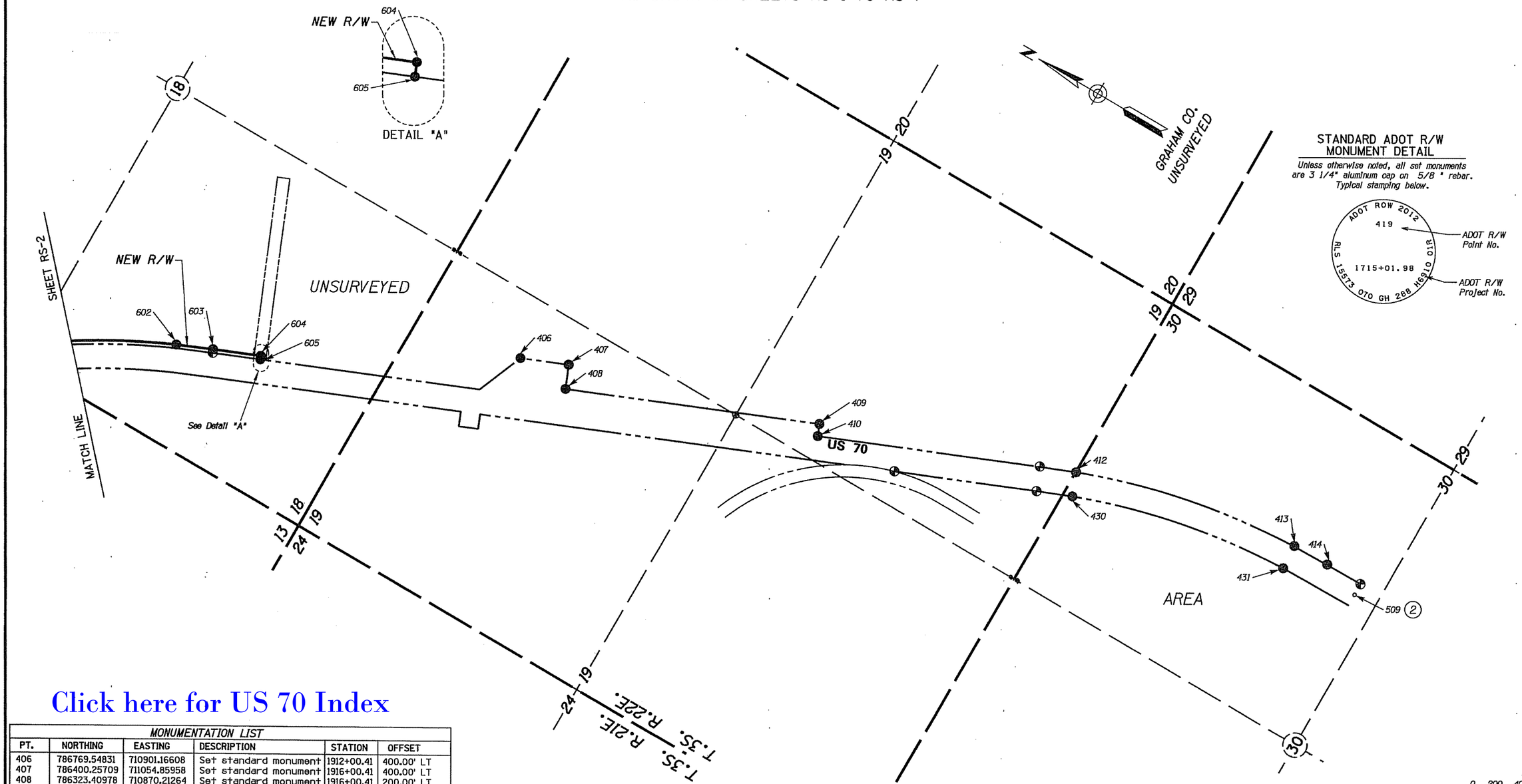
Registered Land Surveyor 15573 GERALD HUGHES Date Signed 12-16-13 ARIZONA, U.S.A.

EXPIRES: 3/31/2015

SHEET MS-2

RIGHT OF WAY MONUMENTATION SURVEY

THIS SURVEY SUPPLEMENTS THE RESULTS OF SURVEY AS SHOWN ON SHEETS RS-1 TO RS-7



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STANDARD ADOT R/W MONUMENT DETAIL

Unless otherwise noted, all set monuments are 3 1/4" aluminum cap on 5/8" rebar. Typical stamping below.

Click here for US 70 Index

MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
406	786769.54831	710901.16608	Set standard monument	1912+00.41	400.00' LT
407	786400.25709	711054.85958	Set standard monument	1916+00.41	400.00' LT
408	786323.40978	710870.21264	Set standard monument	1916+00.41	200.00' LT
409	784384.61693	711677.10932	Set standard monument	1937+01.08	200.00' LT
410	784346.19327	711584.78585	Set standard monument	1937+01.08	100.00' LT
412	782371.38907	712403.79760	Set standard monument	1958+35.71	100.00' LT
413	780517.69957	712789.38268	Set standard monument	1977+04.88	100.00' LT
414	780215.18203	712796.81220	Set standard monument	1980+04.88	100.00' LT
430	782299.40160	712217.20197	Set standard monument	1958+35.71	100.00' RT
431	780509.30811	712589.55880	Set standard monument	1977+04.88	100.00' RT
509	779896.09446	712701.83846	Set standard monument	1983+22.43	--
602	789256.40505	709570.83958	Set standard monument	1883+96.68	130.00' LT
603	788977.33485	709689.86822	Set standard monument	1886+96.68	130.00' LT
604	788614.20818	709840.99613	Set standard monument	1890+90.00	130.00' LT
605	788602.68109	709813.29909	Set standard monument	1890+90.00	100.00' LT

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

LEGEND

- 302 Set Monument
- 300 Found Monument
- 301 Calculated position
- Existing ADOT R/W monument
- New R/W monument to be set unless otherwise noted

CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
9835	5/24/13	GM	PREPARE FINAL MONUMENTATION SURVEY

DRAWING NO.	D-05-T-240
SURVEY	OCTOBER 2013
DRAWN/DATE	G. MORGAN/ NOV
ADOT REVIEW	M. MAYES

eps group, inc. Engineers, Planners & Surveyors

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

HIGHWAY NAME: GLOBE - LORDSBURG

FEDERAL AID NO.: UNASSIGNED

PROJECT NO.: 070 GH 288 H6910 01R

ROUTE NO.: U.S. 70

LOCATION: GILA RIVER BRIDGE, BYLAS

Registered Land Surveyor — Certificate No. 15573 — Gerald Hughes — Date Signed 7-1-13 — Arizona, U.S.A.

EXPIRES: 3/31/2015

SHEET MS-3