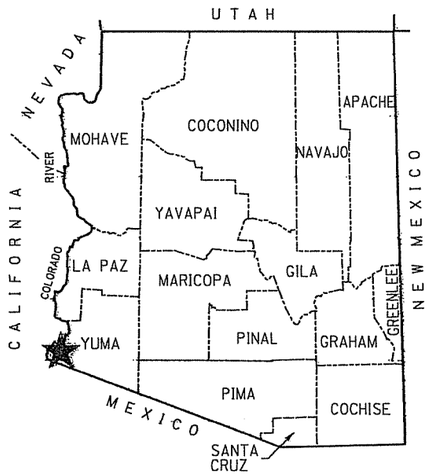


RIGHT OF WAY PLANS OF THE

YUMA - CASA GRANDE HIGHWAY
MOHAWK REST AREA
008 YU 055 H2060 01R
I 008-A-802

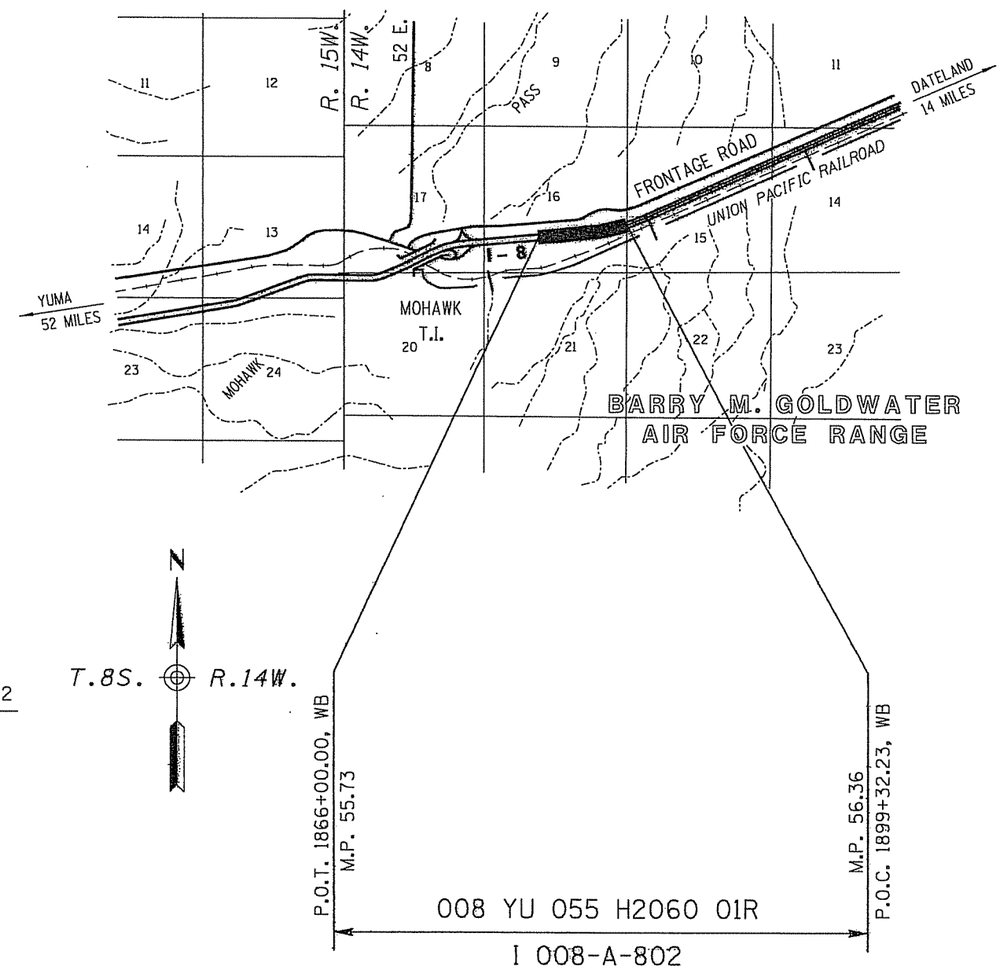
ARIZONA DEPARTMENT OF TRANSPORTATION

INTERMODAL TRANSPORTATION DIVISION

ADOT

★ PROJECT LOCATION

COUNTY NAME: YUMA
LENGTH OF PROJECT: 0.63 MILES
ADOT DISTRICT: YUMA (Y)
DRAWING NUMBER: D-14-T-384



SHEET INDEX

COVER SHEET	1
STANDARD ABBREVIATIONS & SYMBOLS	S-1
OWNERSHIP RECORD SHEET	ORS-1
VICINITY MAP SHEET	VM-1
PLAN SHEET	P-1 TO P-2
RESULTS OF SURVEY	RS-1 TO RS-2
TOTAL	8

APPROVED IN ACCORDANCE WITH
ARIZONA DEPARTMENT OF TRANSPORTATION BOARD
RESOLUTION 2004-01-A-001 DATED 1-16-04
RESOLUTION 2007-03-A-021 DATED 3-16-07

Click here for I 8 Index

008rw055.Cover

RITOCH-POWELL & Associates
Consulting Engineers, Inc.

Registered Land Surveyor
JOSEPH D. FAUNSKI
ARIZONA, USA
Expires 9/30/2012

RIGHT OF WAY - STANDARD ABBREVIATIONS & SYMBOLS

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

D	
Degrees	°
Department	Dept.
Docket	Dkt.
Drainage Easement	DE
Drive	Dr.
E	
Easement	Esmt.
East	E.
Electrical	Elec.
Equation	Equa.
Existing	Exist.
F	
Federal	Fed.
Feet	'
Flowage Easement	FE
Found	Fd.
H	
Highway	Hwy.
Highway Easment Deed	HED
Homestead Entry Survey	HES
I	
Inch	In. or "
Irrigation	Irr.
J	
Junction	Jct.
L	
Lane	Ln.
Left	Lt.
Local Tangent Bearing	L.T.B.
M	
Measured	(M)
Mile Post	M.P.
Mineral Survey	M.S.
Minutes	'
Miscellaneous	Misc.
Monument	Mon.
N	
North	N.
Not to Scale	N.T.S.
Number	No.
P	
Page	Pg.

Parcel	Par.
Parkway	Pkwy.
Place	Pl.
Ponding Easement	PE
Public Utility Easement	PUE
Q	
Quit Claim Deed	Q.C.D.
R	
Railroad	R.R.
Range	R
Record	(R)
Right	Rt.
Right of Way	R/W
Road	Rd.
S	
Seconds	"
Section	Sec.
Sheet	Sht.
Slope Easement	SE
South	S.
Special Warranty Deed	S.W.D.
Square	Sq.
Square Feet	S.F.
State Route	S.R.
Station	Sta.
Street	St.
Subdivision	Subd.
T	
Telegraph	Tlg.
Telephone	Tel.
Township	T
Temporary	Temp.
Temporary Construction Easement	TCE
Traffic Interchange	T.I.
U	
United States General Land Office	U.S.G.L.O.
W	
West	W.
Warranty Deed	W.D.

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

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

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

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

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

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

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

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

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

Break Line

Data Circle (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

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 I 8 Index

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

DRAWING NO.	D-14-T-384
SURVEY	See Attached Survey
DRAWN/DATE	S.Baldwin/Dec 03
ADOT REVIEW	G. McEwen
~~RITCH-POWELL & Associates~~ Consulting Engineers, Inc.	
ROUTE NO.: I-8	SECTION NAME: Mohawk Rest Area

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

HIGHWAY NAME: YUMA - CASA GRANDE

FEDERAL IDENTIFICATION NO.: I 008-A-802

TRACS NO. 008 YU 055 H2060 01R

008rw055.Standards

SHEET S-1

OWNERSHIP RECORD / ACQUISITION RECORD

	PARCEL NUMBER	OWNER	DESCRIPTION OF AREA REQUIRED	TOTAL AREA	AREA REQUIRED: GROSS INCLUDING EXISTING R/W	AREA REQUIRED: NET EXCLUDING EXISTING R/W	AREA REQUIRED: NEW EASEMENTS	REMAINDER: LEFT	REMAINDER: RIGHT	SHEET NO.	INSTRUMENT: TYPE	INSTRUMENT: DATE	RECORDED: DATE	RECORDED: DOCUMENT
①②	14-1071	STATE OF ARIZONA (STATE LAND DEPT.)	Pt. S2 Sec. 16 T.8S. R.14W.	12,021,854	3,249,132	561,170 ①②		5,362,516	3,410,206	P-1, P-2	R/W	12/14/06		

ALL AREAS ARE IN SQUARE FEET UNLESS OTHERWISE NOTED

① AREA INCLUDES 7,200 SF OF EXISTING D.E.

② AREA INCLUDES 9,362 SF OF PROPOSED WELL SITE

NOTE: PROJECT WAS NOT CONSTRUCTED; NEW RIGHT OF WAY ACQUIRED UNDER RIGHT OF WAY GRANT NO. 16-109725 DATED 12/14/06.

Click here for I 8 Index

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
NA	09/20/10	RPA	ADDED ACQUISTITION RECORD INFO AND NOTE ABOUT PROJECT NOT BEING CONSTRUCTED.

DRAWING NO.	D-14-T-384
SURVEY	See Attached Survey
DRAWN/DATE	S.Baldwin/Dec 03
ADOT REVIEW	G. McEwen
RUTGER POWELL & Associates Consulting Engineers, Inc.	
ROUTE NO.: I-8	SECTION NAME: Mohawk Rest Area

008rw055.Ownership01

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

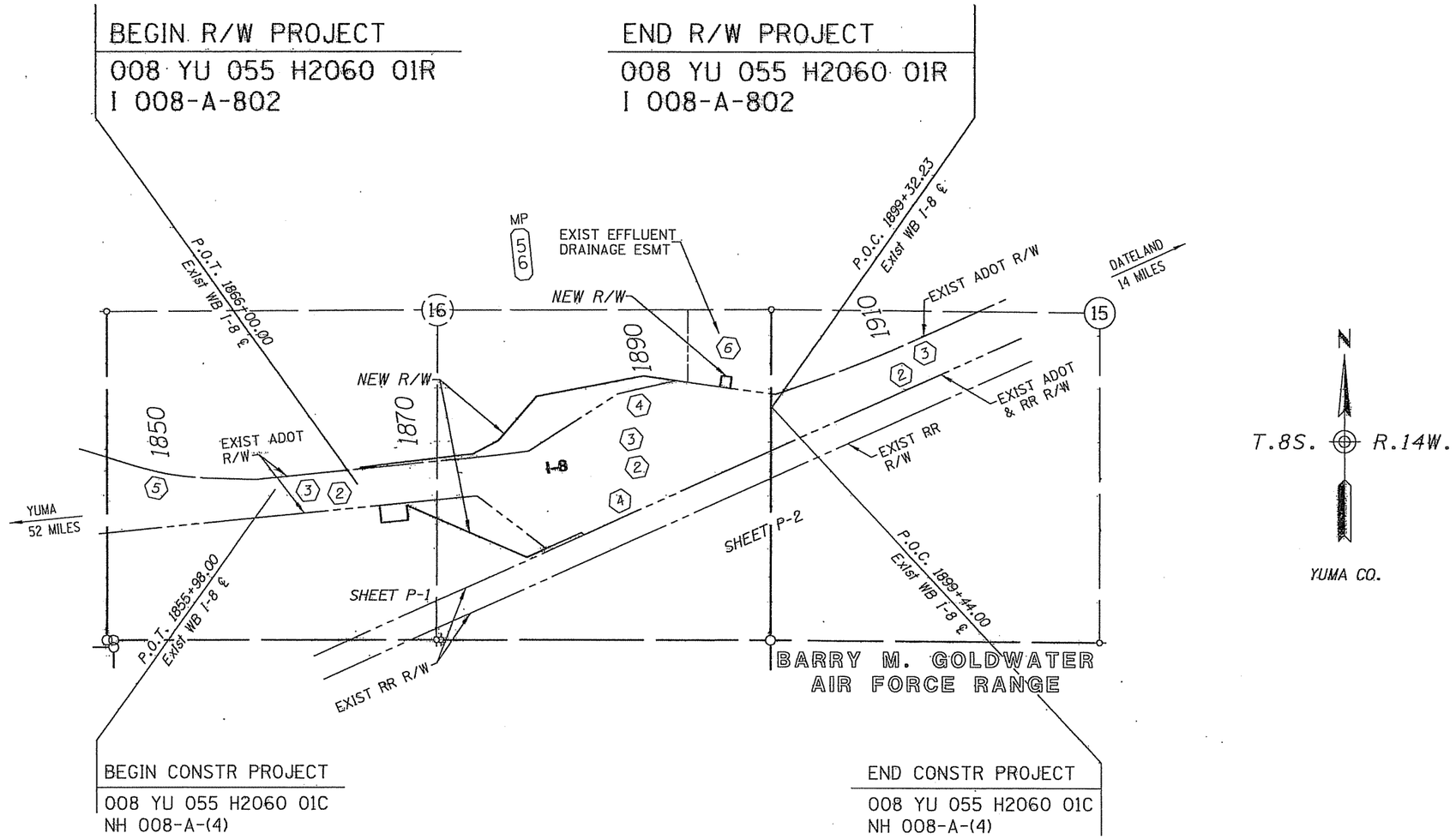
HIGHWAY NAME: YUMA - CASA GRANDE

FEDERAL IDENTIFICATION NO.: I 008-A-802

TRACS NO. 008 YU 055 H2060 01R

Registered Land Surveyor Certificate No. 31597 JOSEPH D. FALINSKI Date Signed 9-23-10 ARIZONA, U.S.A. Expires 3/30/2012

SHEET OR5-1



Click here for I 8 Index

VICINITY MAP

0 250 500
Scale

008rw055.Vicinity1

INDEX TO EXISTING ADOT R/W											
⟨#⟩ ID.	LOCATION	SEC.	T.	R.	ACQ. FROM	TYPE	BK./DKT.	PAGE	WIDTH	YEAR	PARCEL NO.
2	PT. S2	16	8S	14W	ARIZ STATE LAND DEPT	ESMT	009-000580	-	200'	1946	14-1071
3	PT. S2	16	8S	14W	ARIZ STATE LAND DEPT	ESMT	09-1066	-	50'	1953	14-1071
4	PT. S2	16	8S	14W	ARIZ STATE LAND DEPT	ESMT	09-3223	-	VARIES	1963	14-1071
5	PT. W2 SW 4	16	8S	14W	ARIZ STATE LAND DEPT	ESMT	16-4664	-	VARIES	1970	14-1071
6	PT. E2 NE4 SE4	16	8S	14W	ARIZ STATE LAND DEPT	ESMT	16-5040	-	VARIES	1971	14-1071

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

DRAWING NO.	D-14-T-384
SURVEY	See Attached Survey
DRAWN/DATE	S.Baldwin/Dec 03
ADOT REVIEW	G. McEwen
~~RITOCH-POWELL & Associates~~ Consulting Engineers, Inc.	
ROUTE NO.: I-8	SECTION NAME: Mohawk Rest Area

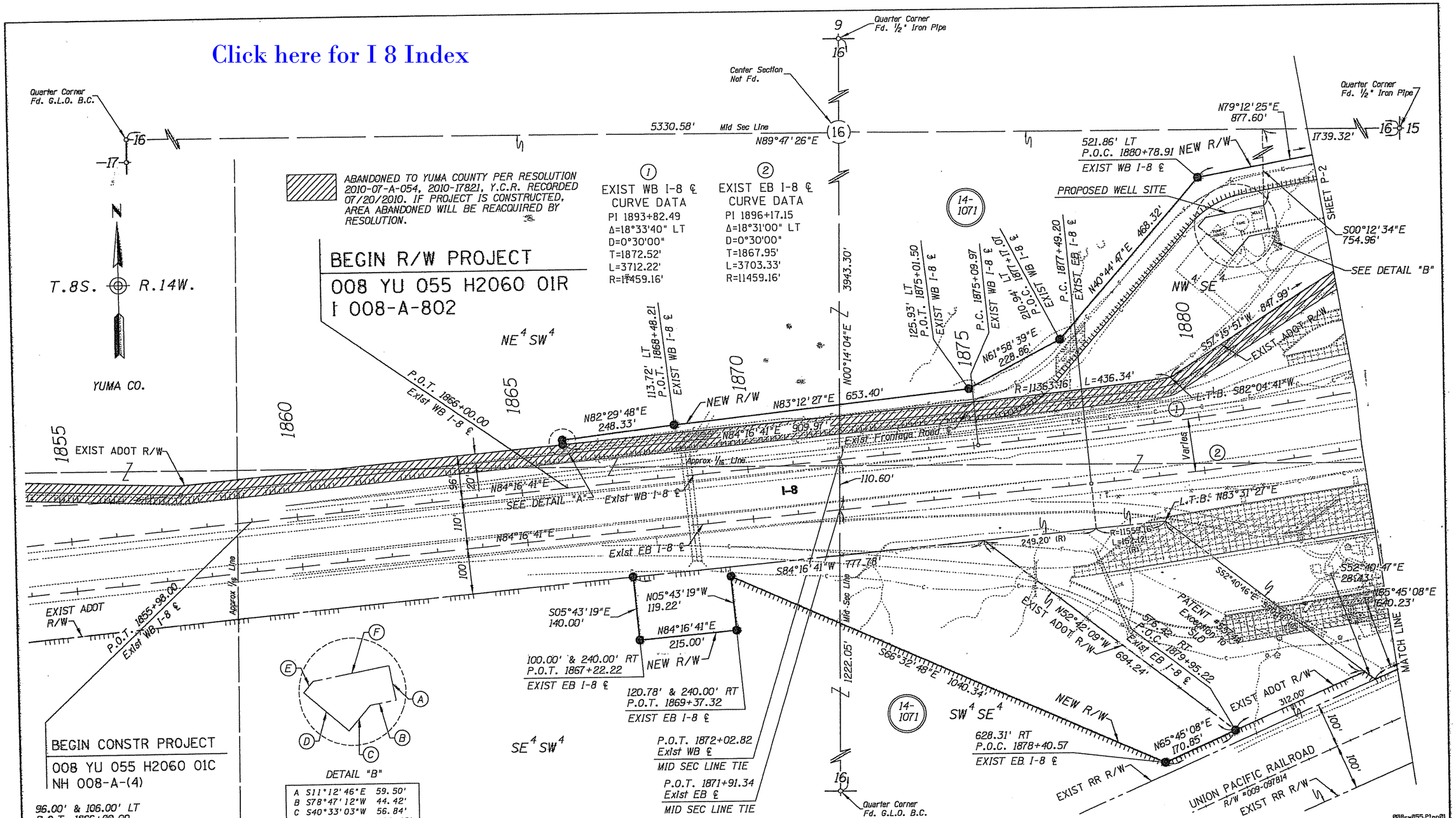
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: YUMA - CASA GRANDE
FEDERAL IDENTIFICATION NO.: I 008-A-802
TRACS NO. 008 YU 055 H2060 01R

Registered Land Surveyor Certificate No. 31591 JOSEPH D. FAUNSKI Date Signed 9-29-10 ARIZONA U.S.A. Expires 9/30/2012

SHEET VM-1

Click here for I 8 Index



A	S11°12'46"E	59.50'
B	S78°47'12"W	44.42'
C	S40°33'03"W	56.84'
D	N49°27'00"W	100.48'
E	N40°32'32"E	25.46'
F	N78°47'12"E	131.27'

The railroad alignment is not defined near the S ¼ cor of Section 16. A small map provided by SLD shows a curve in the railroad in this area, but no geometry is shown. The long tangent of railroad adjacent to the existing south R/W of I-8 EB rest area was projected to the south line of Section 16 for estimating areas of SLD in south half of Section 16 only. This projection does not affect the area of existing or new highway R/W.

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
NA	9/20/10	RPA	ADDED NOTE FOR RESOLUTION OF ABANDONMENT 2010-07-A-054 AND HATCHED AFFECTED AREA.

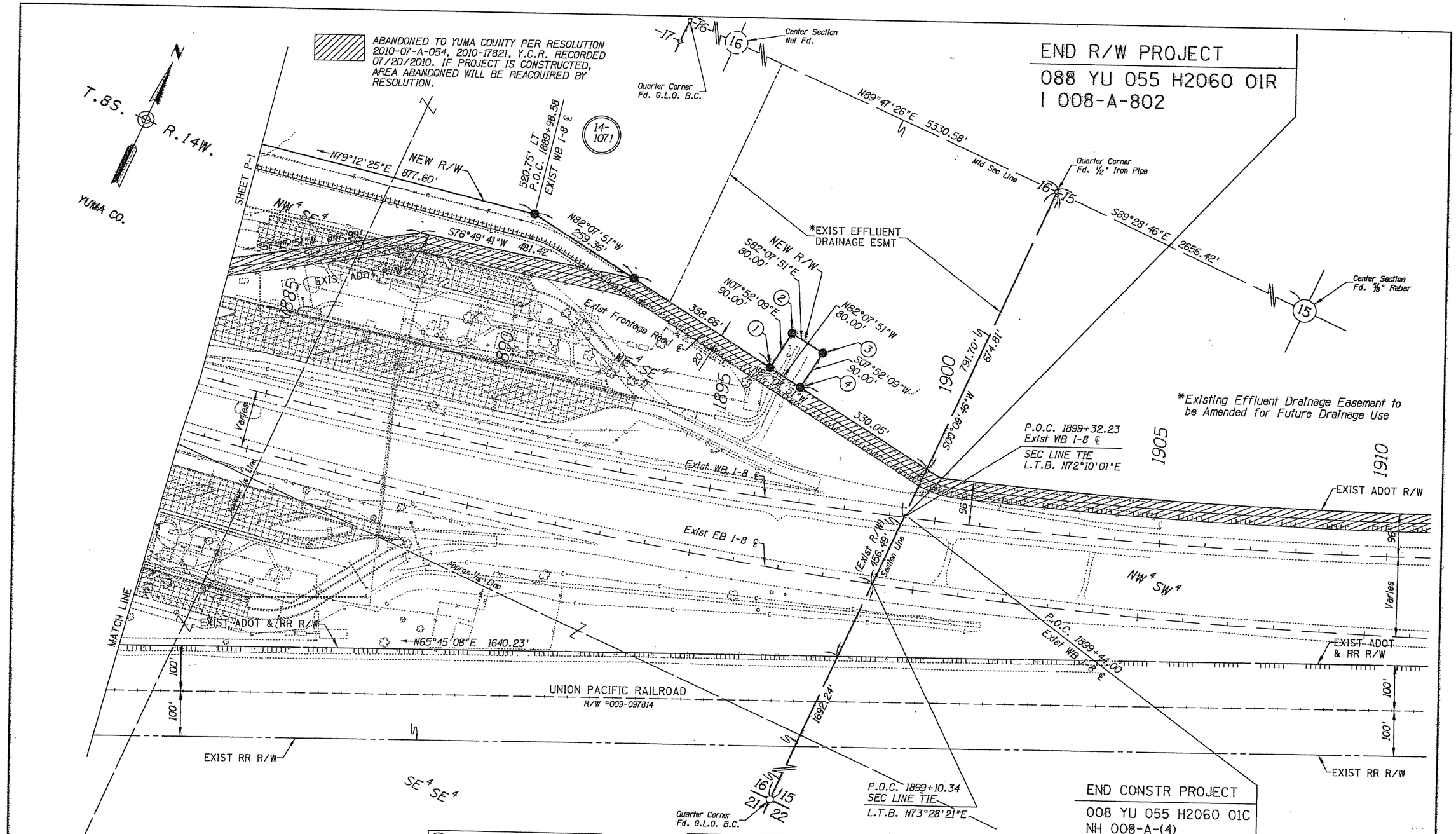
DRAWING NO.	D-14-T-384
SURVEY	See Attached Survey
DRAWN/DATE	S.Baldwin/Dec 03
ADOT REVIEW	G. McEwen
RITCHIE-POWELL & Associates Consulting Engineers, Inc.	
ROUTE NO.:	I-8
SECTION NAME:	Mohawk Rest Area

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

HIGHWAY NAME: YUMA - CASA GRANDE
FEDERAL IDENTIFICATION NO.: I 008-A-802
TRACS NO. 008 YU 055 H2060 01R

Registered Land Surveyor Certificate No. 33391 JOSEPH B. FALBESO ARIZONA, U.S.A. Expires 9/30/2012

SHEET P-1

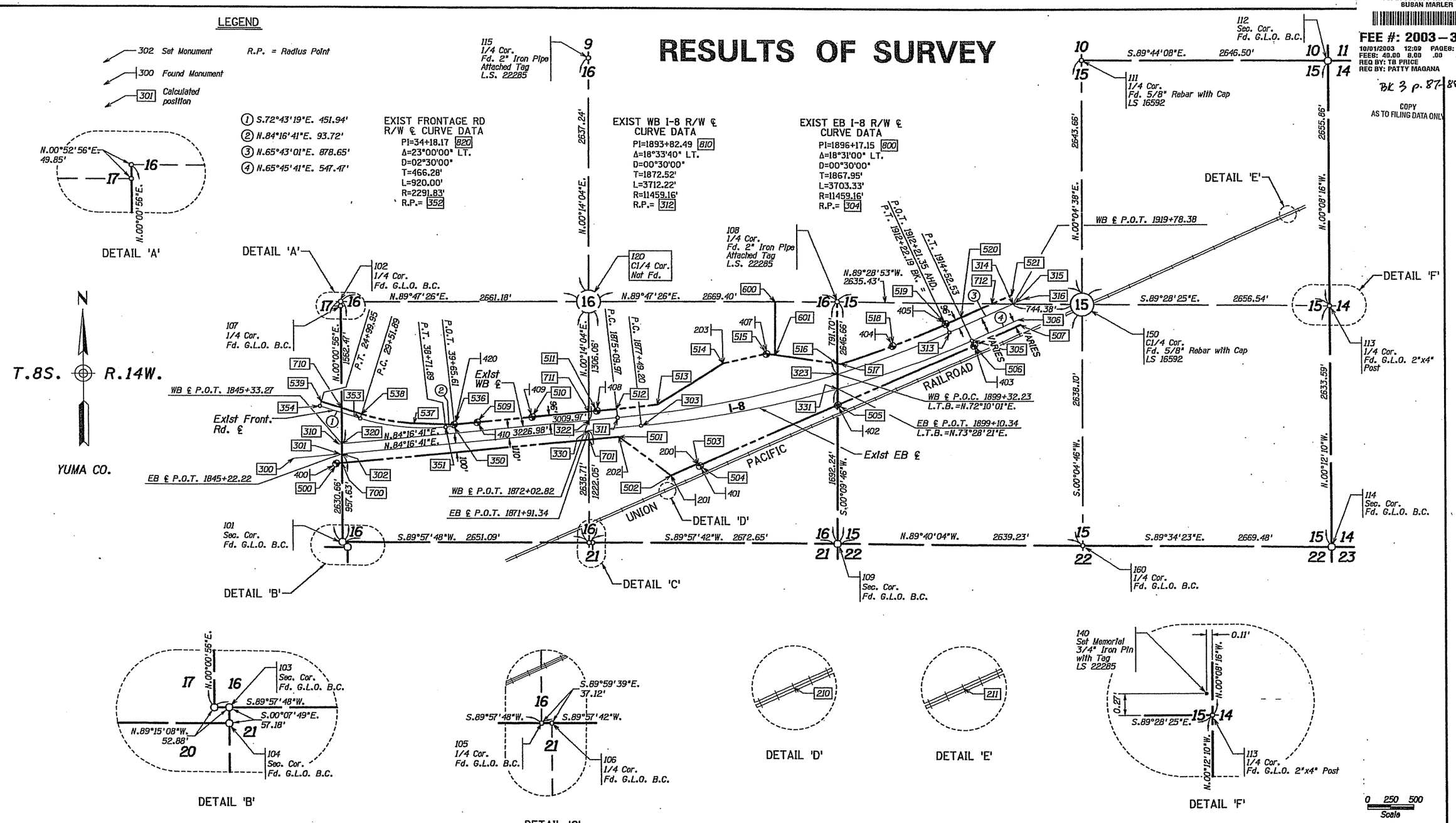


Click here for I 8 Index

A-PDF Merger DEMO : Purchase from www.A-PDF.com to remove the watermark

OFFICIAL RECORDS OF
YUMA COUNTY RECORDER
SUSAN MARLER
FEE #: 2003-36078
10/01/2003 12:09 PAGE: 0002
FEE: 40.00 8.00 .00 .00 .00
REQ BY: TB PRICE
REC BY: PATTY MAGANA
Bk 3 p. 87-88
COPY
AS TO FILING DATA ONLY

RESULTS OF SURVEY



Click here for I 8 Index

N:\5866\MohawkRA\Plans\008rw055.survey01

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

DRAWING NO.	D-14-T-384
SURVEY	November, 2002
DRAWN/DATE	Schapler/Dec 02
ADOT REVIEW	G. McEwen
DMJM ARIZONA, INC.	2777 E. CAMELBACK ROAD SUITE 200 PHOENIX, AZ. 85016-4302 (602) 337-2777
ROUTE NO.: I-8	SECTION NAME: Mohawk Rest Area

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

HIGHWAY NAME: YUMA - CASA GRANDE
FEDERAL IDENTIFICATION NO.: I 008-A-802
TRACS NO. 008 YU 055 H2060 01R

REGISTERED LAND SURVEYOR CERTIFICATE NO. 32793 T.B. PRICE 17-MAR-03 ARIZONA U.S.A.

SHEET RS-1

RESULTS OF SURVEY

Click here for I 8 Index

N.G.S. CONTROL POINTS

PT.	NORTHING	EASTING	DESCRIPTION
12	628573.19113	699884.73923	"AWK" USGS BC
22	632121.48087	716415.97247	"KIM" USGS BC

SECTION MONUMENTATION

PT.	NORTHING	EASTING	DESCRIPTION
101	628213.66899	706278.95464	GLO BC
102	630844.32748	706279.67270	GLO BC
103	628212.97891	706331.82533	GLO BC
104	628155.79748	706331.95542	GLO BC
105	628215.37000	708930.04114	GLO BC
106	628215.36625	708967.16522	GLO BC
107	630794.48482	706278.90521	GLO BC
108	630863.81245	711610.21840	2" IRON PIPE
109	628217.16156	711602.69364	GLO BC
111	633483.62086	714249.10877	REBAR/CAP LS 16592
112	633471.40192	716895.58526	GLO BC
113	630815.54889	716901.96654	GLO POST
114	628181.97295	716911.29222	GLO BC
115	633491.27366	708951.62254	2" IRON PIPE
140	630815.82049	716901.85503	SET ¾" IRON PIN
150	630839.95961	714245.54203	REBAR/CAP LS 16592
160	628201.86401	714241.88272	GLO BC

ADOT RIGHT OF WAY FENCE LOCATIONS

PT.	NORTHING	EASTING	DESCRIPTION
200	629076.79555	710090.44603	FNC COR
201	628948.40385	709805.70287	FNC COR
202	629370.10708	709252.92502	FNC COR
203	630184.05328	710378.00411	CENTER CONC BASE

UNION PACIFIC RAILROAD ℄

PT.	NORTHING	EASTING	DESCRIPTION
210	628647.79003	709442.25122	℄ RAILROAD TRACKS
211	631809.18914	716461.04939	℄ RAILROAD TRACKS

CALCULATED EAST BOUND ℄

PT.	NORTHING	EASTING	DESCRIPTION
300	629119.23394	705759.59794	POT 1840+00.00
301	629169.08363	706257.10674	POT 1845+00.00
302	629171.29895	706279.21603	INT W. LINE SEC 16
303	629493.02691	709490.11794	PC 1877+49.20
304	640895.09283	708347.64660	RADIUS POINT
305	630446.12158	713052.04324	PT 1914+52.53
306	630670.87767	713551.25071	POT 1920+00.00
330	629437.40886	708935.03996	INT N-S MID-SEC 16
331	629909.38975	711607.50486	INT E. LINE SEC 16
800	629679.26040	711348.76107	PI 1896+17.15

CALCULATED WEST BOUND ℄

PT.	NORTHING	EASTING	DESCRIPTION
310	629278.53557	706246.13981	POT 1845+00.00
311	629578.62776	709241.11294	PC 1875+09.97
312	640980.69368	708098.64161	RADIUS POINT
313	630535.37523	712811.14312	PT 1912+22.19
314	630846.69688	713501.19143	INT E-W MID-SEC 15
315	630855.58974	713520.90258	POT 1920+00.00
316	630896.71406	713612.05515	POT 1921+00.00
320	629281.85279	706279.24621	INT W. LINE SEC 16
322	629548.00500	708935.49236	INT N-S MID-SEC 16
323	630072.12001	711607.96752	INT E. LINE SEC 16
810	629765.31688	711104.30331	PI 1893+82.49

CALCULATED EXISTING FRONTAGE ROAD R/W ℄

PT.	NORTHING	EASTING	DESCRIPTION
350	629478.76819	707482.20531	POT 39+65.61
351	629469.42436	707388.95226	PT 38+71.89
352	631749.83556	707160.45819	RADIUS POINT
353	629561.42638	706479.76000	PC 29+51.89
354	629695.65743	706048.21418	PT 24+99.95
820	629422.93620	706924.99870	PI 34+18.17

EXISTING R/W MONUMENTATION

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
400	629067.31183	706217.46282	ADOT ALUM CAP	EB ℄ STA 1844+50.41	97.31' RT
401	629058.98502	710112.53723	ADOT ALUM CAP	EB ℄ STA 1883+01.01	507.81' RT
402	629730.47639	711602.73701	ADOT ALUM CAP	EB ℄ STA 1898+55.68	170.30' RT
403	630391.93103	713076.09921	ADOT ALUM CAP	EB ℄ STA 1914+52.22	59.29' RT
404	630384.74028	712202.89739	ADOT ALUM CAP	WB ℄ STA 1906+00.29	96.10' LT
405	630623.64445	712771.72074	ADOT ALUM CAP	WB ℄ STA 1912+21.72	96.67' LT
407	630293.67644	710847.39701	ADOT ALUM CAP	WB ℄ STA 1892+50.42	424.31' LT
408	629653.14337	709022.78603	ADOT ALUM CAP	WB ℄ STA 1873+00.16	95.91' LT
409	629583.50474	708326.18174	ADOT ALUM CAP	WB ℄ STA 1866+00.08	96.07' LT
410	629523.79641	707729.18501	ADOT ALUM CAP	WB ℄ STA 1860+00.11	96.18' LT
420	629498.84658	707480.36577	ADOT ALUM CAP	WB ℄ STA 1857+50.04	96.16' LT

CALCULATED EB R/W POINTS

PT.	NORTHING	EASTING	DESCRIPTION
500	629064.59690	706217.32580	(C)
501	629368.68006	709252.12949	(C)
502	628948.00169	709804.39626	(C)
503	629076.13455	710088.87117	(C)
504	629058.89890	710111.47965	(C)
505	629732.51036	711607.00197	(C)
506	630393.96172	713075.52695	(C)
507	630618.79793	713574.69835	(C)
700	629070.79547	706279.18860	(C)
701	629336.86692	708934.62869	(C)

CALCULATED WB R/W POINTS

PT.	NORTHING	EASTING	DESCRIPTION	PT.	NORTHING	EASTING	DESCRIPTION
509	629523.60635	707729.09507	(C)	518	630384.54265	712202.66264	(C)
510	629583.42599	708326.10563	(C)	519	630622.88170	712771.66378	(C)
511	629653.21557	709022.61795	(C)	520	630698.14811	712938.49271	(C)
512	629674.14945	709231.54180	(C)	521	630943.09621	713481.42324	(C)
513	629725.97695	709664.76953	(C)	536	629498.66854	707480.21132	(C)
514	630184.54375	710378.07876	(C)	537	629510.49500	707054.83815	(C)
515	630294.24691	710846.83052	(C)	538	629609.17009	706494.61053	(C)
516	630189.00054	711608.29983	(C)	539	629743.40114	706063.06472	(C)
517	630184.27651	711642.47873	(C)	600	630861.37307	710942.87251	(C)
				601	630281.22540	710941.04256	(C)
				710	629676.12505	706279.35383	(C)
				711	629644.52527	708935.88719	(C)
				712	630848.76822	713272.34407	(C)

EXISTING R/W LINE

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

1) R/W PROJECT I-8-1(16)48 DRAWING NO. D-14-T-320
2) G.L.O. PLAT AND NOTES - ORIGINAL SURVEY CIRCA 1893
3) G.L.O. PLAT AND NOTES - RESURVEY CIRCA 1930

LEFT SIDE			RIGHT SIDE		
PT.	STATION	OFFSET	PT.	STATION	OFFSET
539	FR ℄ POT 24+99.95	50.00' LT	500	EB ℄ POT 1844+50.00	100.00' RT
710	WB ℄ POC 1845+72.69	392.30' LT	700	EB ℄ POT 1845+12.17	100.00' RT
538	FR ℄ PC 29+51.89	50.00' LT	701	EB ℄ POT 1871+80.91	100.00' RT
538	WB ℄ POT 1847+80.20	304.21' LT	501	EB ℄ POT 1875+00.00	100.00' RT
352	RADIUS POINT	---	502	EB ℄ POC 1879+95.22	576.42' RT
537	FR ℄ POC 35+35.00	50.00' LT	503	EB ℄ POC 1882+80.99	487.37' RT
537	WB ℄ POT 1853+27.80	150.18' LT	504	EB ℄ POC 1883+00.00	507.74' RT
536	FR ℄ POT 39+65.61	20.00' LT	505	EB ℄ POC 1898+60.28	169.54' RT
536	WB ℄ POT 1857+49.87	96.00' LT	506	EB ℄ PT 1914+52.53	57.20' RT
509	WB ℄ POT 1860+00.00	96.00' LT	507	EB ℄ POT 1920+00.00	57.11' RT
510	WB ℄ POT 1866+00.00	96.00' LT			
711	WB ℄ POC 1872+12.83	96.00' LT			
511	WB ℄ POT 1873+00.00	96.00' LT			
512	WB ℄ PC 1875+09.97	96.00' LT			
312	Radius Point	---			
513	WB ℄ POC 1879+50.00	96.00' LT			
514	WB ℄ POC 1887+50.00	425.00' LT			
515	WB ℄ POC 1892+50.00	425.00' LT			
601	WB ℄ POC 1893+41.09	388.57' LT			
516	WB ℄ POC 1899+68.70	111.11' LT			
517	WB ℄ POC 1900+00.00	96.00' LT			
518	WB ℄ POC 1906+00.00	96.00' LT			
519	WB ℄ PT 1912+22.19	96.00' LT			
520	WB ℄ POT 1914+04.37	96.00' LT			
712	WB ℄ POT 1917+70.63	96.00' LT			
521	WB ℄ POT 1920+00.00	96.00' LT			

GENERAL NOTES

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

DA1426 "AWK" NAD 83 (1992) 32°43'40.02189" (N) 113°45'02.09709" (W)
GRID COORDINATES (MT) N 191571.622 E 213305.398
GRID COORDINATES (FT) N 628515.82021 E 699820.85958

DA1147 "KIM" NAD 83 (1992) 32°44'15.08843" (N) 113°41'48.57179" (W)
GRID COORDINATES (MT) N 192653.042 E 218343.658
GRID COORDINATES (FT) N 632063.78609 E 716350.58400

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

SYSTEM: UNITED STATES PLANE 1983
ZONE: ARIZONA WEST 0203
DATUM: NORTH AMERICAN 1983 (CONUS) EQUIVALENT TO WGS-84
GEOID MODEL: GEOID99 (CONTINENTAL U.S.)

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 1.00009128 AND SCALE ORIGIN VALUES OF N=0.000 AND E=0.000 AS OBTAINED FROM A.D.O.T. WERE USED FOR THE TRANSLATION TO THE SURFACE.

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

THE COORDINATES PRESENTED ON THIS SURVEY ARE SHOWN TO 5 DECIMAL PLACES FOR CALCULATION PURPOSES, AND ARE NOT A REPRESENTATION OF THE PRECISION OF THE SURVEY MEASUREMENTS.

THE BASIS OF CENTERLINE STATIONING FOR THIS SURVEY WAS OBTAINED FROM A.D.O.T. RIGHT OF WAY PLANS FOR PROJECT I-8-1-(16)48, HOLDING EB AND WB P.O.T. STATIONS 1845+00.00.

MONUMENT VERIFICATION AND ACCEPTANCE:

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

N:\5866\MohawkRA\Plans\008rw055.survey02

CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-14-T-384
SURVEY	November, 2002
DRAWN/DATE	Schapler/Dec 02
ADOT REVIEW	G. McEwen

DMJM ARIZONA, INC. 2777 E. CAMELBACK ROAD SUITE 200 PHOENIX, AZ. 85016-4302 (602) 337-2777

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

HIGHWAY NAME: YUMA - CASA GRANDE
FEDERAL IDENTIFICATION NO.: I 008-A-802
TRACS NO. 008 YU 055 H2060 01R
ROUTE NO.: I-8
SECTION NAME: Mohawk Rest Area

REGISTERED LAND SURVEYOR CERTIFICATE NO. 32793 T.R. PRICE 17-MAR-03 ARIZONA U.S.A.

SHEET RS-2