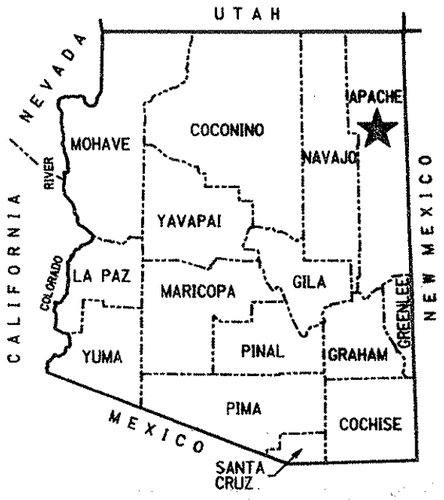
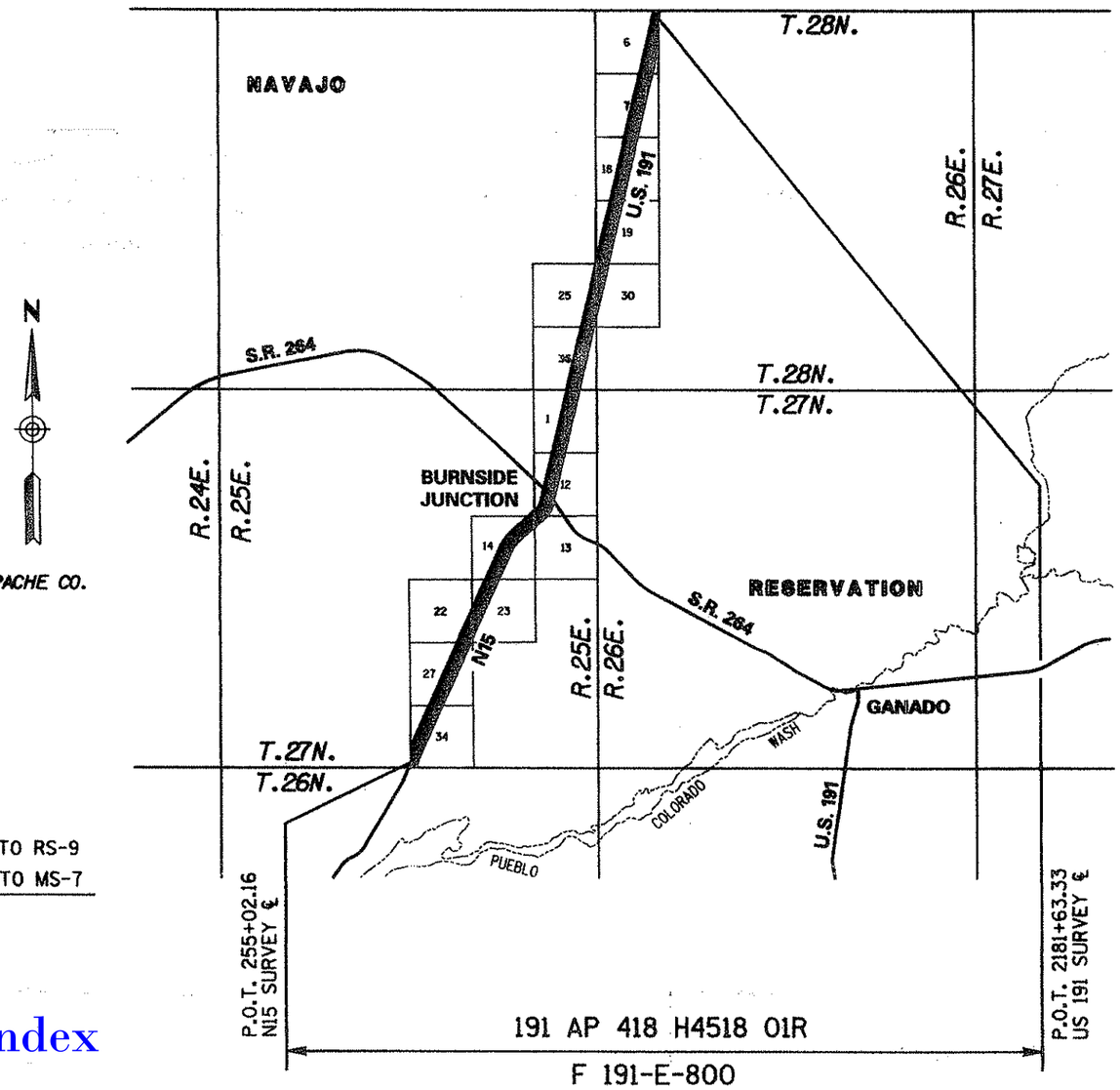
RIGHT OF WAY PLANS OF THE
CHAMBERS - MEXICAN WATER HIGHWAY
BURNSIDE JUNCTION - NORTH
191 AP 418 H4518 01R
F 191-E-800



★ PROJECT LOCATION

COUNTY NAME: APACHE
LENGTH OF PROJECT: 12.3 MILES
ADOT DISTRICT: HOLBROOK (H)
DRAWING NUMBER: D-01-T-291



SHEET INDEX

COVER	1
STANDARD ABBREVIATIONS & SYMBOLS	S-1
OWNERSHIP RECORD SHEET	ORS-1
VICINITY MAP SHEET	VM-1
PLAN SHEET	P-1
BIA SHEET	BIA-1
RESULTS OF SURVEY	RS-1 TO RS-9
RIGHT OF WAY MONUMENTATION SURVEY	MS-1 TO MS-7
TOTAL SHEETS	22

Click here for US 191 Index

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

ADOT

APPROVED IN ACCORDANCE WITH
ARIZONA DEPARTMENT OF TRANSPORTATION BOARD
RESOLUTION 2008-10-A-045 DATED 10/17/08

191RW418_CVR.DGN

AZTEC

Expires 03/31/2010

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. ADOT R/W Monument

New R/W Monument

Centerline Control or Supplemental Monument

Property Anchor Bar

Property-Lease & Unpatented Mining Claim Anchor Bar

Property Limit Arrow

Property-Lease & Unpatented Mining Claim Limit Arrow

Parcel Bubble (7-8858)

Survey Control Pt or Angle Point △

N

T.1S. R.6E.

SECTION 7
MARICOPA CO.

North Arrow

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

4○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 1 15 — Mile Post Marker

Click here for US 191 Index

191RW418_S01.DGN

DRAWING NO.	D-01-T-291	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION	
SURVEY	See Attached Survey	HIGHWAY NAME:	CHAMBERS - MEXICAN WATER
DRAWN/DATE	WFM 07-08	FEDERAL AID NO.:	F 191-E-800
ADOT REVIEW	D. Casdorph	PROJECT NO.:	191 AP 418 H4518 01R
AZTEC — 1661 E. Mcdowell Road, Phoenix, AZ 85006-1605, Tel (602) 254-0402, Fax (602) 254-0403, www.aztecus			
ROUTE NO.: U.S. 191	LOCATION: Burnside Junction - North		

REGISTERED LAND SURVEYOR — CERTIFICATE NO. 25396 — ALAN D. REECE — 9/8/08 — DATE SIGNED — ARIZONA, U.S.A. — Expires 03/31/2010

SHEET S-1

9/5/2008 R:\PHOENIX\V8PROJECTS\AZ3201-04 BURNSIDE JUNCTION\SURVEY\DGN\RW\191RW418_S01.DGN

OWNERSHIP RECORD

NOTES	PARCEL NUMBER	OWNER	DESCRIPTION OF AREA REQUIRED	TOTAL AREA	AREA REQUIRED			REMAINDER		SHEET NO.	ACQUIRED	
					GROSS INCLUDING EXISTING R/W	NET EXCLUDING EXISTING R/W	NEW EASEMENTS	LEFT	RIGHT		TYPE	DOCUMENT
①	1-0491	UNITED STATES OF AMERICA BUREAU OF INDIAN AFFAIRS NAVAJO NATION	SW4 Section 12 T.27N. R25E.			2850	5500 TCE			P-1		
			NW4NW4 Section 13 T.27N. R25E.				2663 TCE			P-1		
	-L1	RH MIKE ENTERPRISE INC.	SW4 Section 12 T.27N. R25E.				2750 TCE			P-1		
	-L2	NAVAJO HOUSING AUTHORITY	NW4NW4 Section 13 T.27N. R25E.				2242 TCE			P-1		

① TOTAL PARCEL AREAS WERE NOT SURVEYED, THEREFORE NOT SHOWN.

ALL AREAS ARE IN SQUARE FEET UNLESS OTHERWISE NOTED

Click here for US 191 Index

191RW418_001.DGN

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

DRAWING NO.	D-01-T-291
SURVEY	See Attached Survey
DRAWN/DATE	WFM 07-08
ADOT REVIEW	D. Casdorph

AZTEC 4561 E. McDowell Road Phoenix, AZ 85008-4305 Tel (602) 454-0402 Fax (602) 454-0403 www.aztecaz.com

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

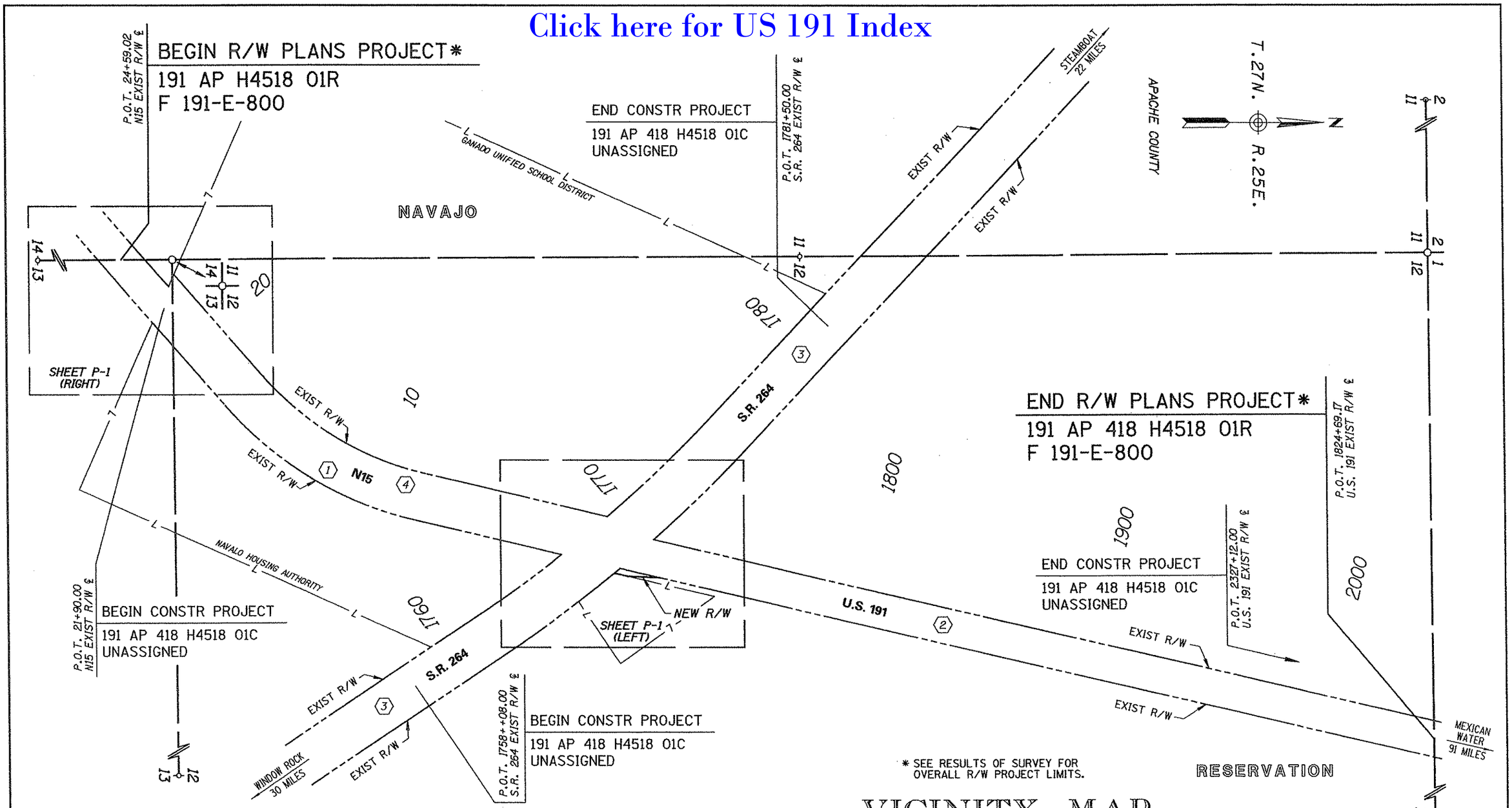
HIGHWAY NAME: CHAMBERS - MEXICAN WATER
FEDERAL AID NO.: F 191-E-800
PROJECT NO.: 191 AP 418 H4518 01R
ROUTE NO.: U.S. 191
LOCATION: Burnside Junction - North

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26306 ALAN D. REECE 9/8/08 Registered Land Surveyor ARIZONA U.S.A.
Expires 03/31/2010

SHEET ORS-1

9/5/2008 R:\PHOENIX\V8PROJECTS\AZ3201-04 BURNSIDE JUNCTION\SURVEY\DGN\RW\191RW418_001.DGN

Click here for US 191 Index



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

VICINITY MAP

191RW418_VM01.DGN

INDEX TO EXISTING NAVAJO R/W

(#) ID.	LOCATION	SEC.	T.	R.	ACQ. FROM	TYPE	BK./DKT.	PAGE	WIDTH	YEAR
1	SECTION 12 & 13	--	27N	25E	BUREAU OF INDIAN AFFAIRS	ESMT	PROJ. No. N15(2) 2&4		150'	1964
4	SECTION 12 & 13	--	27N	25E	BUREAU OF INDIAN AFFAIRS	ESMT	GANADO SCHOOL SURVEY		50'	1983

INDEX TO EXISTING ADOT R/W

(#) ID.	LOCATION	SEC.	T.	R.	ACQ. FROM	TYPE	BK./DKT.	PAGE	WIDTH	YEAR	PARCEL NO.
2	SECTION 12	--	27N	25E	BUREAU OF INDIAN AFFAIRS	ESMT	PROJ. No. N8(5) 2&4		150'	1964	1-171
3	SECTION 11 & 12	--	27N	25E	BUREAU OF INDIAN AFFAIRS	ESMT	PROJ. No. AU3(67) & AU3(63)		200'	1962	1-163

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

DRAWING NO.	D-01-T-291
SURVEY	See Attached Survey
DRAWN/DATE	WFM 07-08
ADOT REVIEW	D. Casdorph
AZTEC	4550 E. McDowell Road, Phoenix, AZ 85008-4505, Tel (602) 454-0402, Fax (602) 454-0403, www.aztecus
ROUTE NO.: U.S. 191	LOCATION: Burnside Junction - North

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

HIGHWAY NAME: CHAMBERS - MEXICAN WATER
FEDERAL AID NO.: F 191-E-800
PROJECT NO.: 191 AP 418 H4518 01R

REGISTERED LAND SURVEYOR CERTIFICATE NO. 25396 ALAN D. REECE 9/8/08 ARIZONA U.S.A.
Expires 03/31/2010

SHEET VM-1

9/5/2008 R:\PHOENIX\V8PROJECTS\AZ3201-04 BURNSIDE JUNCTION\SURVEY\DGN\RW\191RW418_VM01.DGN

N89°43'18"E
Section Line
2642.37'
601.19'
Section Corner
Fd. 3½" B.L.M. B.C.
"1990"
Fd. 3" B.L.M. B.C.
on 2" Pipe
4" Above Ground
"1990"
POT 1824+69.17
U.S. 191 SURVEY ℄
SECTION LINE TIE
NAVAJO
EXIST R/W
T.27N. R.25E.
APACHE CO.
0 25 50
Scale
1-0491
75.00' & 125.00' RT.
POT 1771+50.00
US 191 SURVEY ℄
U.S. 191 Survey ℄
N13°12'13"E
TCE
75.00' & 125.00' RT.
POT 1770+40.00
US 191 SURVEY ℄
NEW R/W
AREA = 2850 SQ.FT.
SEE OPTION #2
1770
1-0491-L1
100.00' RT.
P.O.T. 1769+09.89
US 191 SURVEY ℄
S06°19'38"W
132.49'
S13°12'13"W
68.47'
DATA TABLE
1 N13°12'13"E 169.56'
2 R=5829.58' L=31.41'
100.00' RT.
P.O.T. 1768+51.42
US 191 SURVEY ℄
100.00' RT.
P.O.C. 1767+86.33
SR 264 SURVEY ℄
L.T.B. N39°22'29"W
S.R. 264
RETAINING WALL
SEE OPTION #1
EXIST R/W
P.O.T. 0+00.00 N15 SURVEY ℄
P.O.T. 1768+01.75 US 191 SURVEY ℄
P.O.C. 1768+35.57 SR 264 SURVEY ℄
RESERVATION
125'
75'
100'
1765
N15
OPTION #1: CONSTRUCTION OF PROPOSED RETAINING WALL WOULD ELIMINATE NEW R/W ACQUISITION.
OPTION #2: IF NEW R/W IS ACQUIRED, RETAINING WALL COULD BE ELIMINATED. NEW R/W REQUIRED FOR GRADE SLOPE CONSTRUCTION AND MAINTENANCE.

PT 17+16.49
N15 SURVEY CL
POT 21+33.83
N15 SURVEY ℄
SECTION LINE TIE
N49°00'46"E
N89°42'35"E
246.49'
2644.70'
Section Line
Quarter Corner
Fd. 3" B.C. In Concrete
L.S. 15083 "1997"
Section Corner
Fd. 3½"
B.L.M. B.C. Flush
"1990"
75.00' LT.
POT 21+88.50
N15 SURVEY ℄
1-0491-L2
130.00'
S58°26'22"E
199.62' LT.
POT 21+09.51
N15 SURVEY ℄
20.00'
S31°33'38"W
N58°26'22"W
136.29'
75.00' LT.
POT 21+69.47
N15 SURVEY ℄
205.01' LT.
POT 21+28.59
N15 SURVEY ℄
TCE
AREA = 2663 SQ.FT.
20.97'
N49°00'46"E
2640.18'
212.04'
POT 24+59.02
N15 SURVEY ℄
SECTION LINE TIE
Section Line
N00°16'25"W
Quarter Corner
Fd. 3" B.L.M. B.C.
on 2" Pipe
6" Above Ground
"1990"
T.27N. R.25E.
APACHE CO.
0 25 50
Scale
RESERVATION
191RW418_P01.DGN

DRAWING NO.	D-01-T-291	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION
SURVEY	See Attached Survey	HIGHWAY NAME: CHAMBERS - MEXICAN WATER
DRAWN/DATE	WFM 07-08	FEDERAL AID NO.: F 191-E-800
ADOT REVIEW	D. Casdorph	PROJECT NO.: 191 AP 418 H4518 01R
AZTEC 8511 E. McDowell Road Phoenix, AZ 85008-4505 Tel (602) 454-0402 Fax (602) 454-0403 www.aztecus.com		
ROUTE NO.: U.S. 191	LOCATION: Burnside Junction - North	SHEET P-1

CERTIFICATE NO. 24396 ALAN D. REEZE 9/8/08 REGISTERED ARIZONA SURVEYOR
Expires 03/31/2010

Plotted By: BMcallister at 9:05:07 AM 9/5/2008
R:\PHOENIX\V8PROJECTS\AZ3201-04 BURNSIDE JUNCTION\SURVEY\DGN\RW\191RW418_P01.DGN

Click here for US 191 Index

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 for intersection improvement.

Arizona Department of Transportation

Date: 9-9-08 Sabra Mousavi
Chief R/W Agent

STATE OF ARIZONA
COUNTY OF MARICOPA SS

Sabra 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 188.58 feet in length, beginning at Station 1768+51.42 and ending at Station 1770+40.00, and said right of way is accurately delineated on the plans attached.

Sabra J. Mousavi
Chief R/W Agent

Subscribed and sworn to before me this 9 day of September, 2008

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

Paula Irene Gibson
Notary Public, My Commission Expires:
March 20, 2011

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 the highway centerline and to prepare these plans; that the location of said centerline, 188.58 feet in length beginning at Station 1768+51.42 and ending at Station 1770+40.00 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 centerlines and rights 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 rights 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 these rights of way by assignment, grant or otherwise.

Date: 9-9-08

Saman Maroufkhani
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.
1-0491	UNITED STATES OF AMERICA BUREAU OF INDIAN AFFAIRS NAVAJO NATION	SW4 SECTION 12 T.27N. R25E.	2850		P-1

ALL AREAS ARE IN SQUARE FEET UNLESS OTHERWISE NOTED

Click here for US 191 Index

191RW418_BIA.DGN

CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-01-T-291
SURVEY	See Attached Survey
DRAWN/DATE	WFM 07-08
ADOT REVIEW	D. Casdorph

AZTEC 4561 E. McDowell Road Phoenix, AZ 85008-4505 Tel (602) 454-0402 Fax (602) 454-0403 www.aztecaz.com

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

HIGHWAY NAME: CHAMBERS - MEXICAN WATER
FEDERAL AID NO.: F 191-E-800
PROJECT NO.: 191 AP 418 H4518 01R
ROUTE NO.: U.S. 191
LOCATION: Burnside Junction - North

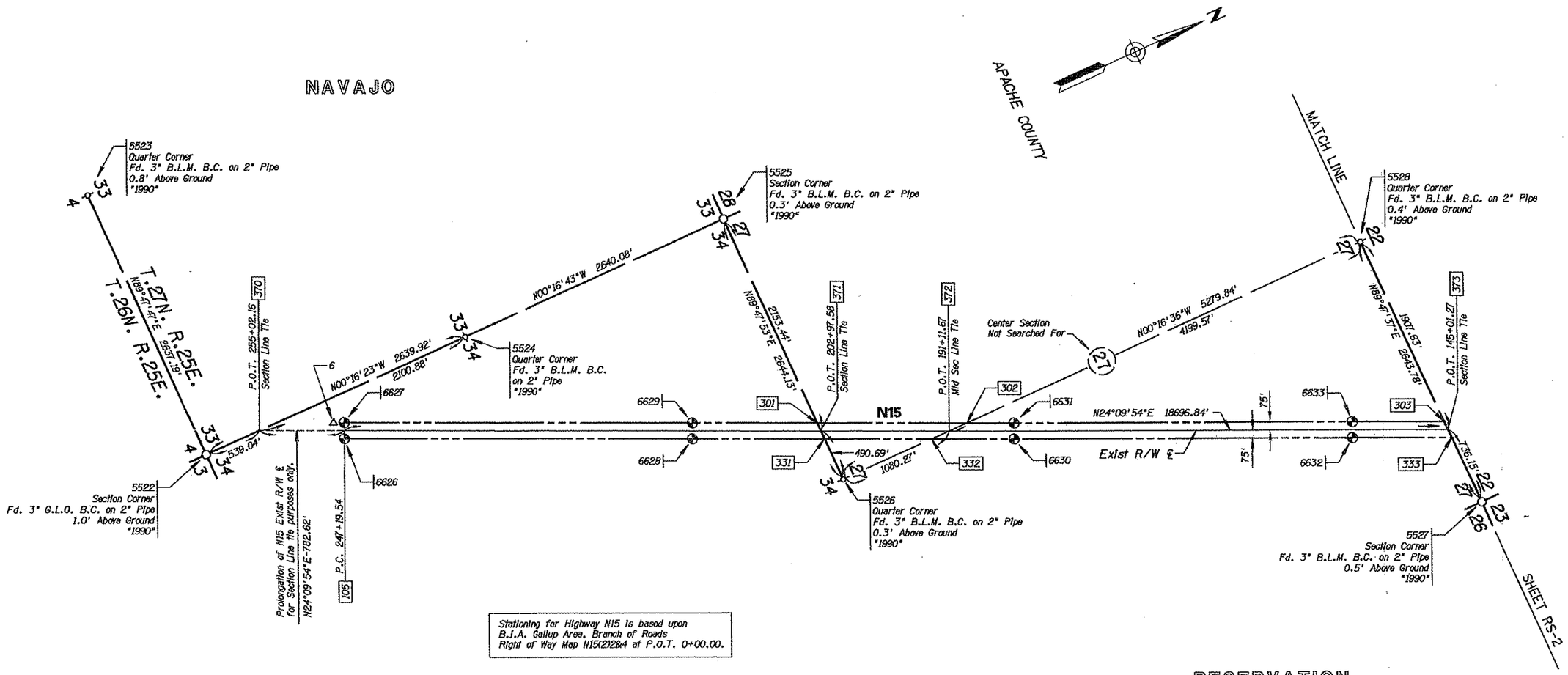
REGISTERED LAND SURVEYOR
CERTIFICATE NO.
25396
ALAN D. REECE
9/5/08
Signed
ARIZONA U.S.A.
Expires 03/31/2010

SHEET BIA-1

9/5/2008 R:\PHOENIX\V8PROJECTS\AZ3201-04 BURNSIDE JUNCTION\SURVEY\DGN\RW\191RW418_BIA.DGN

RESULTS OF SURVEY

Click here for US 191 Index



Stationing for Highway N15 is based upon B.I.A. Gallup Area, Branch of Roads Right of Way Map N15(2)2&4 at P.O.T. 0+00.00.

LEGEND

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

0 250 500
Scale

191RW418_RS01.DGN

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

DRAWING NO.	D-01-T-291
SURVEY	Sept. 2006
DRAWN/DATE	WFM 10/06
ADOT REVIEW	D. Casdorph
AZTEC	4511 E. McDowell Road, Phoenix, AZ 85008-4505, Tel (602) 454-0402, Fax (602) 454-0403, www.aztecaz.us
ROUTE NO.:	U.S. 191
LOCATION:	Burnside Junction - North

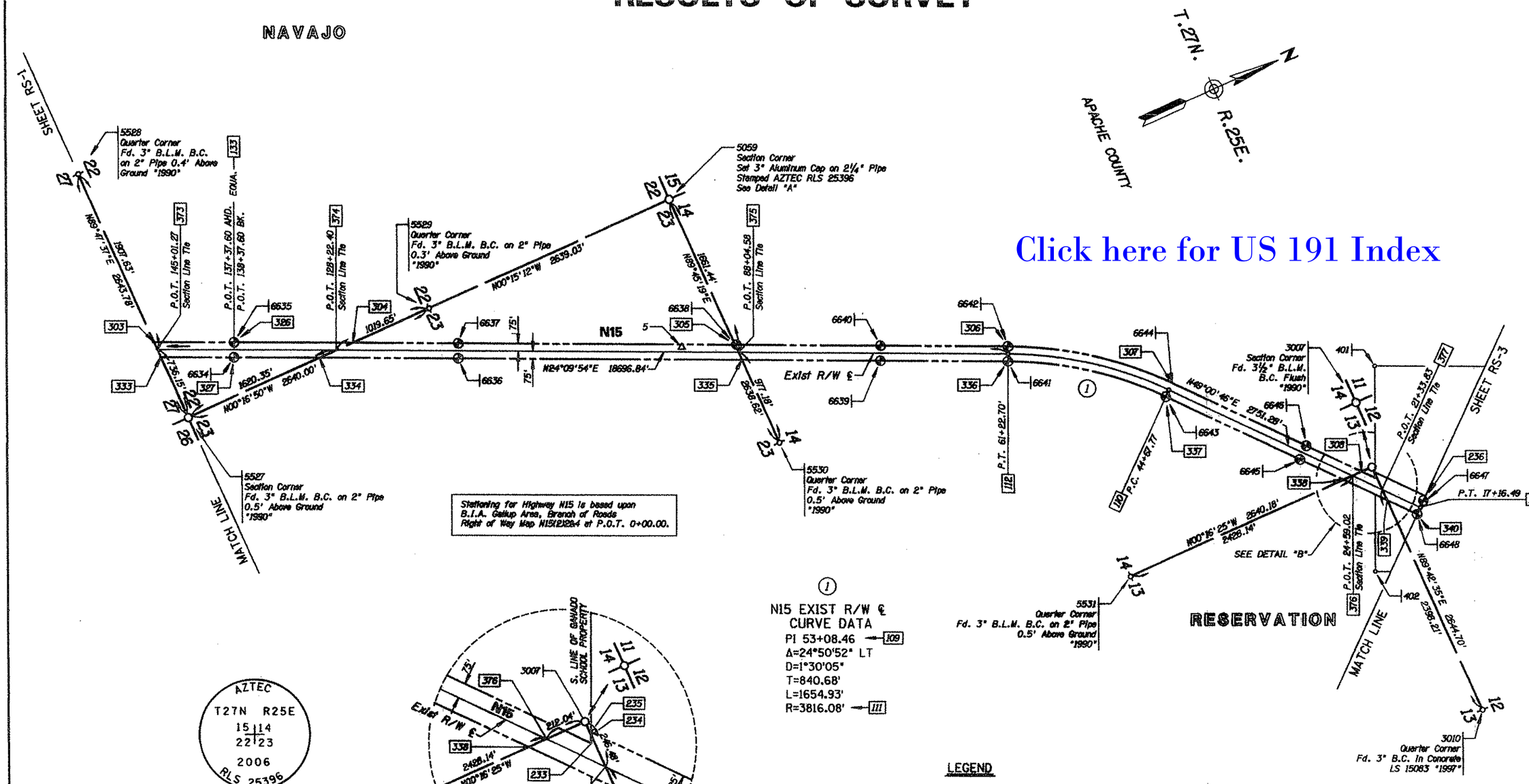
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: CHAMBERS - MEXICAN WATER
FEDERAL AID NO.: 191 AP 418 H4518 01R
PROJECT NO.: 191-E-800

REGISTERED LAND SURVEYOR CERTIFICATE NO. 25396 ALAN D. REECE 2/13/07 REGISTERED ARIZONA U.S.A.

SHEET RS-1

RESULTS OF SURVEY



Click here for US 191 Index

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
9740	09/23/09	WFM	MODIFIED EXST R/W RT STA 0+31.86 TO RT STA 22+70.80, N15 ℄.

DRAWING NO.	D-01-T-291
SURVEY	Sept. 2006
DRAWN/DATE	WFM 10/06
ADOT REVIEW	D. Casdorph
AZTEC	
ROUTE NO.	U.S. 191
LOCATION	Burnside Junction - North

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

HIGHWAY NAME: CHAMBERS - MEXICAN WATER
FEDERAL AID NO.: 191 AP 418 H4518 01R
PROJECT NO.: 191-E-800

Expires 03/31/2010

SHEET RS-2

Plotted By: bmcallister at 8:56:36 AM 12/12/2009 R:\PHOENIX\PROJECTS\AZS0922_ADOT_09-34_03\02_US191BURNSIDE\SURVEY\DGN\ROS\191RW418_RS02.DGN

RESULTS OF SURVEY

Click here for US 191 Index

② N15 EXIST R/W ℄ CURVE DATA
PI 12+83.96 — 119
Δ=35°49'00" RT
D=4°00'00"
T=462.88'
L=895.41'
R=1432.39' — 121

③ S.R. 264 EXIST R/W ℄ CURVE DATA
PI 1768+69.07 — 592
Δ=12°44'47" LT
D=1°00'00"
T=639.96'
L=1274.64'
R=5729.58' — 462

NAVAJO

APACHE COUNTY

N

BASIS OF STATIONING

Stationing for Highway N15 is based upon B.I.A. Gallup Area, Branch of Roads Right of Way Map N15(2)2&4 at P.O.T. 0+00.00.

Stationing for Highway U.S. 191 is based upon B.I.A. Gallup Area, Branch of Roads Right of Way Map N8(5)2&4 at P.O.T. 1768+64.15. See Detail Sheet RS-7

Stationing for S.R. 264 is based upon ADOT Project S 264-A-800, Results of Survey at P.T. 1734+71.17.

3006 Quarter Corner Fd. B.L.M. B.C.
292.68'
360
P.O.T. 1818+01.02 Section Line Tie
568
365
2016
2019
N89°45'49"E 2640.57'
2347.89'
100'
100'
S.R. 264 N66°32'55"W 4837.27'
392 P.O.T. 1785+52.71 Section Line Tie
3008 Quarter Corner Fd. 3½" B.L.M. B.C. "1990"
359
3009 Section Corner Fd. 3½" B.L.M. B.C. "1990"
N00°15'45"W 2639.32'
2243.68'
3007 Section Corner Fd. 3½" B.L.M. B.C. Flush "1990"
SHEET RS-2
2641.18' N00°16'46"W
364
358
2020
400
363
2023
2024
P.T. 1775+03.74
P.C. 8+21.00
121
236
237
6649
6647
122 P.T. 17+16.49
6648
340
125'
75'
821.06' N13°11'46"E
SEE DETAIL SHEET RS-7
617.65'
328
N13°12'13"E 39743.60'
314
N89°43'18"E 2842.37'
P.O.T. 1824+69.17 Section Line Tie
380
204.18'
N89°42'35"E 2644.70'
MATCH LINE
N15
341
2031
329
Exist R/W ℄
U.S. 191
344
69.19'
357
2728.67'
S.R. 264 N33°48'09"W
2028
362
P.O.T. 1761+99.78 BK
P.C. 1762+29.10 AHD.
EQUA.
527
P.O.T. 1768+64.15
130
P.O.T. 1774+19.40 BK.
EQUA. P.O.T. 1795+31.10 AHD.
132
356
391 P.O.T. 1745+98.01 Section Line Tie
361
2032
SEE DETAIL "A"
2036
100'
100'
2035
366
2039
367
P.T. 1734+71.17
526
3010 Quarter Corner Fd. 3" B.C. In Concrete LS 15083 "1997"
N89°42'47"E 2645.08'
3012 Section Corner Fd. 3" B.L.M. B.C
5532 Quarter Corner Fd. 3" B.L.M. B.C. on 2" Pipe 0.3' Above Ground "1990"
2503.10'
345
315
N00°18'12"W 5282.01'
2778.91'
75'
75'
P.O.T. 1850+43.20 Mid Sec Line Tie
381
Center Section Searched For, Not Found
SHEET RS-4
5534 Quarter Corner Fd. 3" B.L.M. B.C. on 2" Pipe 0.3' Above Ground "1990"
316
P.O.T. 1879+00.45 Township Line Tie
382
657.34'
346
T.28N. R.25E.
T.27N. R.25E.
N89°45'22"E 2640.38'
1973.04'
RESERVATION
T.28N. R.25E.
T.28N. R.26E.
MATCH LINE
5533 Township Corner Fd. 3" B.L.M. B.C. on 2" Pipe 0.3' Above Ground "1990"

DETAIL "A"
N89°42'35"E 2468.59'
S.R. 264
391
186.11'
3010

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

0 250 500
Scale

191RW418_RS03.DGN

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
9740	09/23/09	WFM	MODIFIED EXST R/W RT STA 0+31.86 TO STA 22+70.80, N15 ℄,

DRAWING NO.	D-01-T-291
SURVEY	Sept. 2006
DRAWN/DATE	WFM 10/06
ADOT REVIEW	D. Casdorph
AZTEC	4396 E. McDowell Road Phoenix, AZ 85008-4505 Tel (602) 454-0402 Fax (602) 455-0403 www.aztecus.com
ROUTE NO.:	U.S. 191
LOCATION:	Burnside Junction - North

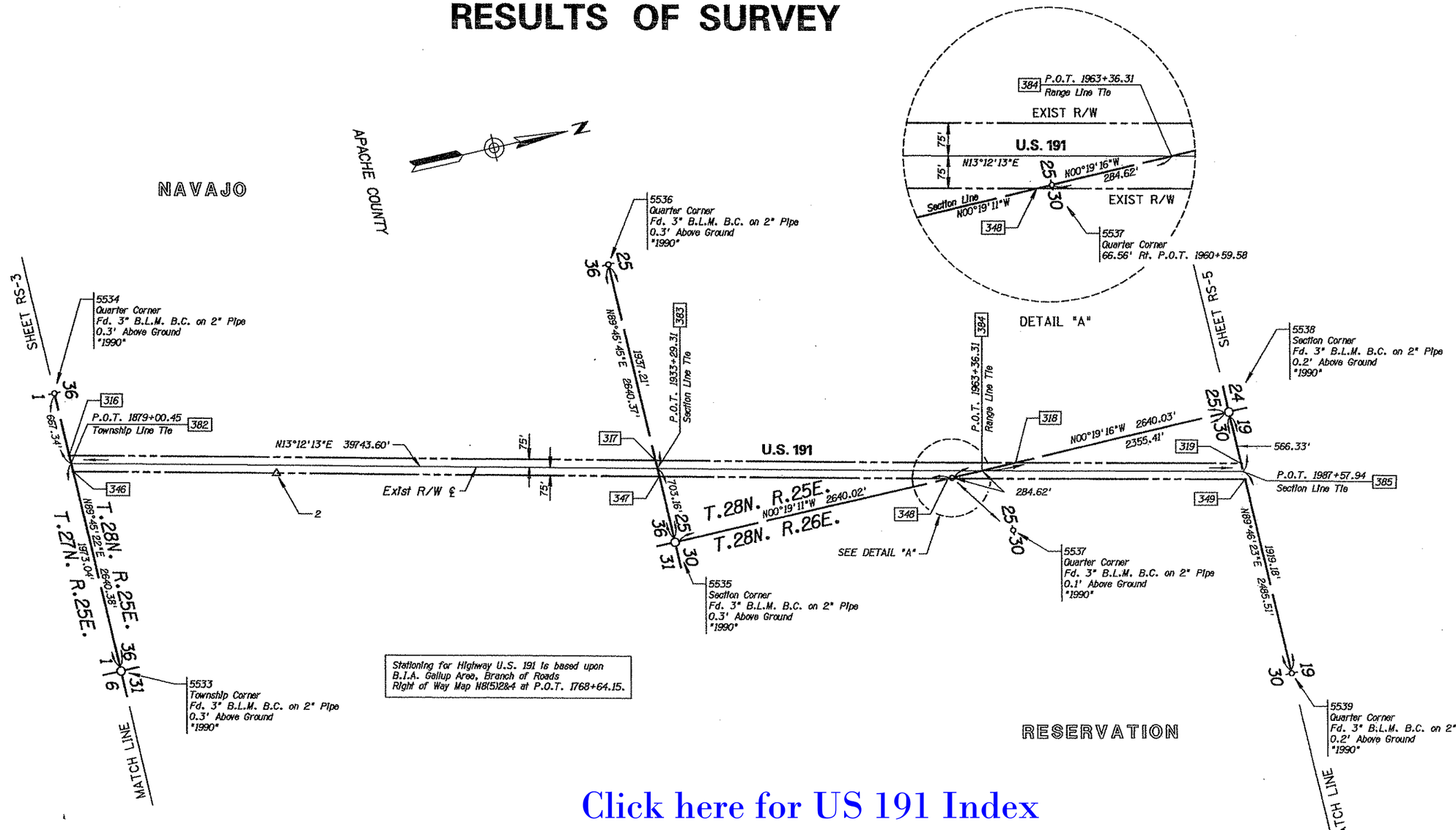
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: CHAMBERS - MEXICAN WATER
FEDERAL AID NO.: 191 AP 418 H4518 01R
PROJECT NO.: 191-E-800
SHEET RS-3

REGISTERED LAND SURVEYOR — CERTIFICATE NO. 35396 — REVISED 12/14/09 — ARIZONA, U.S.A. — Expires 03/31/2010

Plotted By: bmcallister at 8:57:26 AM 12/12/2009
R:\PHOENIX\PROJECTS\AZS0922_ADOT_09-34_03\02_US191BURNSIDE\SURVEY\DGN\RDS\191RW418_RS03.DGN

RESULTS OF SURVEY



Stationing for Highway U.S. 191 is based upon B.I.A. Gallup Area, Branch of Roads Right of Way Map N8(5)2&4 at P.O.T. 1768+64.15.

Click here for US 191 Index

LEGEND

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

U.S. 191 Centerline Note:
No right of way monumentation was found along the section of U.S. 191 to the North of S.R. 264. AZTEC surveyed the existing pavement and existing right of way fences at 500-foot intervals for the 7.64-mile tangent portion between Stations 1768+01.75 and 2192+74.70. A best-fit analysis of the centerline of the right of way fences was developed. The resulting centerline was shifted 0.32 foot East at the South end (Station 1768+01.75) to create a common point with Station 0+00 on Route N 15 to the South.

0 250 250
Scale

191RW418_RS04.DGN

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

DRAWING NO.	D-01-T-291
SURVEY	Sept. 2006
DRAWN/DATE	WFM 10/06
ADOT REVIEW	D. Casdorph
AZTEC	4561 E. McDowell Road Phoenix, AZ 85008-4505 Tel (602) 454-0402 Fax (602) 454-0403 www.aztec.us
ROUTE NO.: U.S. 191	LOCATION: Burnside Junction - North

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

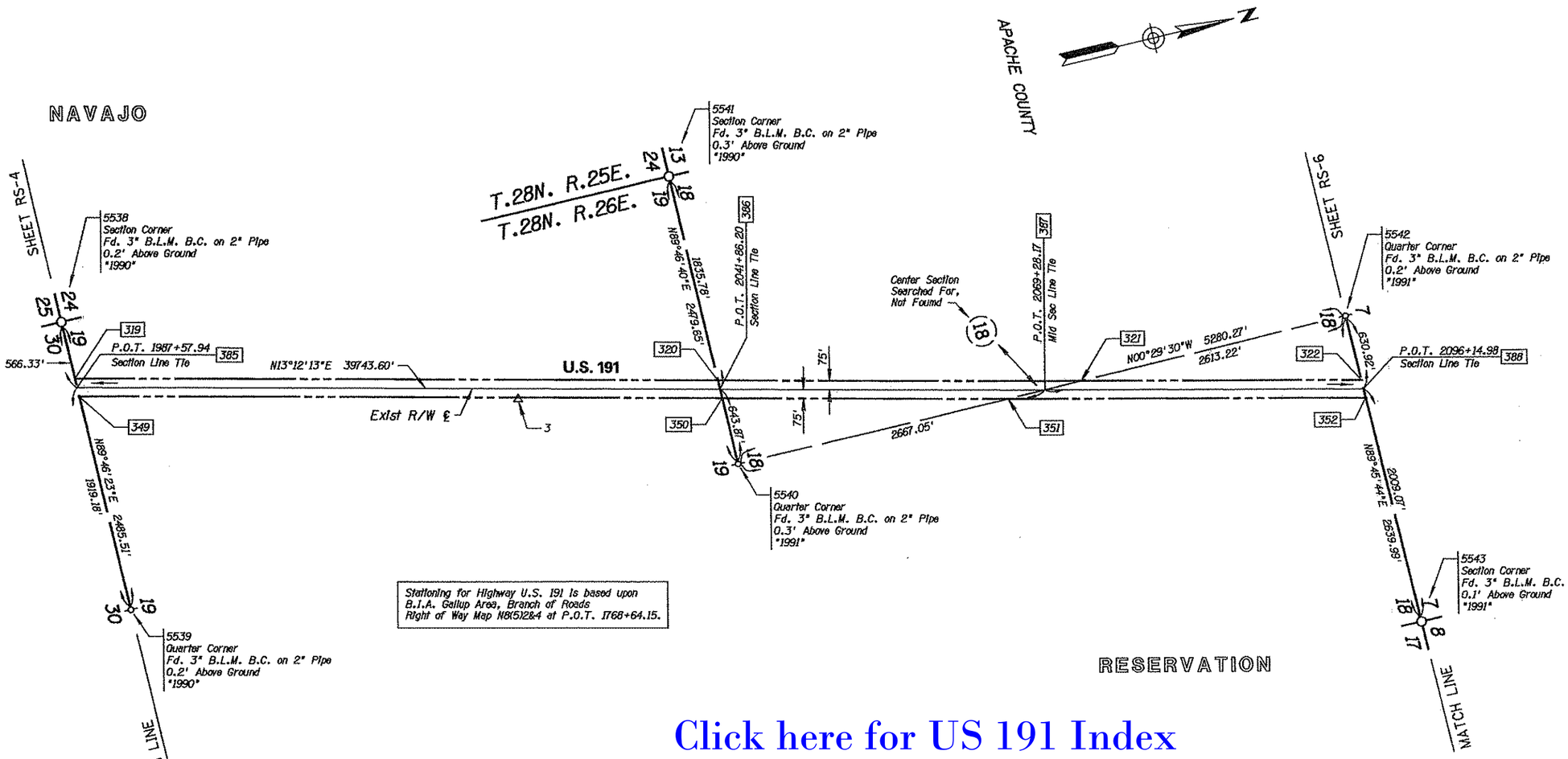
HIGHWAY NAME: CHAMBERS - MEXICAN WATER
FEDERAL AID NO.: 191 AP 418 H4518 01R
PROJECT NO.: 191-E-800

REGISTERED LAND SURVEYOR CERTIFICATE NO. 25396 ALAN D. REECE Date Signed 2/13/07 ARIZONA, U.S.A.

SHEET RS-4

2/13/2007 R:\PHOENIX\V8PROJECTS\AZ3201-04 BURNSIDE JUNCTION\SURVEY\DGN\ROS\191RW418_RS04.DGN

RESULTS OF SURVEY



Stationing for Highway U.S. 191 is based upon B.I.A. Gallup Area, Branch of Roads Right of Way Map N8(5)284 at P.O.T. 1768+64.15.

Click here for US 191 Index

LEGEND

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

U.S. 191 Centerline Note:
No right of way monumentation was found along the section of U.S. 191 to the North of S.R. 264. AZTEC surveyed the existing pavement and existing right of way fences at 500-foot intervals for the 7.64-mile tangent portion between Stations 1768+01.75 and 2192+74.70. A best-fit analysis of the centerline of the right of way fences was developed. The resulting centerline was shifted 0.32 foot East at the South end (Station 1766+01.75) to create a common point with Station 0+00 on Route N 15 to the South.

0 250 500
Scale

191RW418_RS05.DGN

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

DRAWING NO.	D-01-T-291
SURVEY	Sept. 2006
DRAWN/DATE	WFM 10/06
ADOT REVIEW	D. Casdorph

AZTEC
4561 E. Mcdowell Road
Phoenix, AZ 85008-4505
Tel (602) 454-0402
Fax (602) 454-0403
www.aztecaz.us

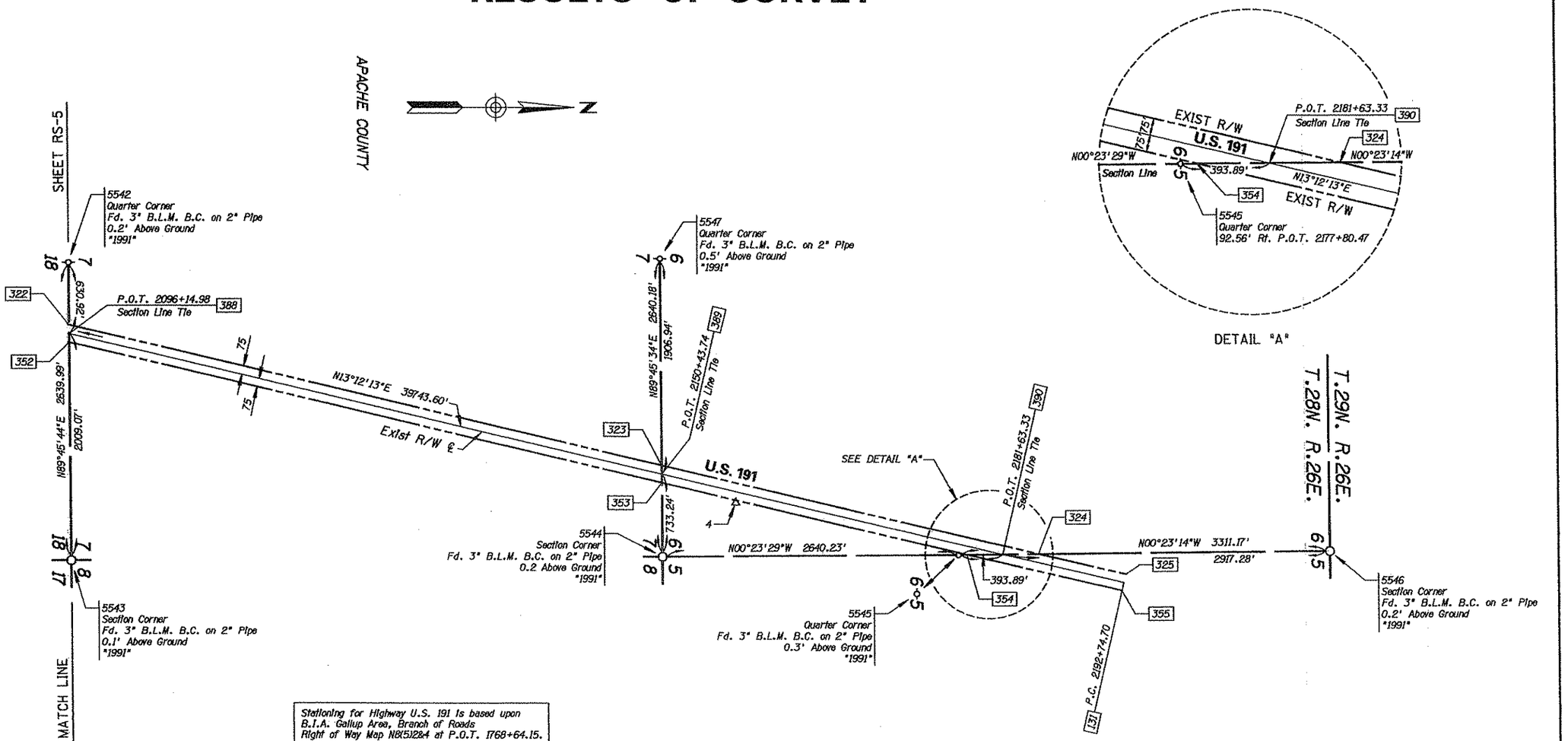
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: CHAMBERS - MEXICAN WATER
FEDERAL AID NO.: 191 AP 418 H4518 01R
PROJECT NO.: 191-E-800
ROUTE NO.: U.S. 191
LOCATION: Burnside Junction - North

REGISTERED LAND SURVEYOR — CERTIFICATE NO. — 25306 — ALAN D. REECE — Date 2/13/07 — REGISTERED — ARIZONA, U.S.A.

SHEET RS-5

RESULTS OF SURVEY



Stationing for Highway U.S. 191 is based upon
B.I.A. Gallup Area, Branch of Roads
Right of Way Map N8(5)284 at P.O.T. 1768+64.15.

U.S. 191 Centerline Note:
No right of way monumentation was found along the section of U.S. 191 to the North of S.R. 264. AZTEC surveyed the existing pavement and existing right of way fences at 500-foot intervals for the 7.64-mile tangent portion between Stations 1768+01.75 and 2192+74.70. A best-fit analysis of the centerline of the right of way fences was developed. The resulting centerline was shifted 0.32 foot East at the South end (Station 1768+01.75) to create a common point with Station 0+00 on Route N 15 to the South.

Click here for US 191 Index

LEGEND

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

0 250 500
Scale

191RW418_RS06.DGN

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

DRAWING NO.	D-01-T-291
SURVEY	Sept. 2006
DRAWN/DATE	WFM 10/06
ADOT REVIEW	D. Casdorph

AZTEC 4561 E. McDowell Road Phoenix, AZ 85008-4505 Tel (602) 454-0402 Fax (602) 454-9403 www.aztecaz.com

ROUTE NO.: U.S. 191
LOCATION: Burnside Junction - North

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

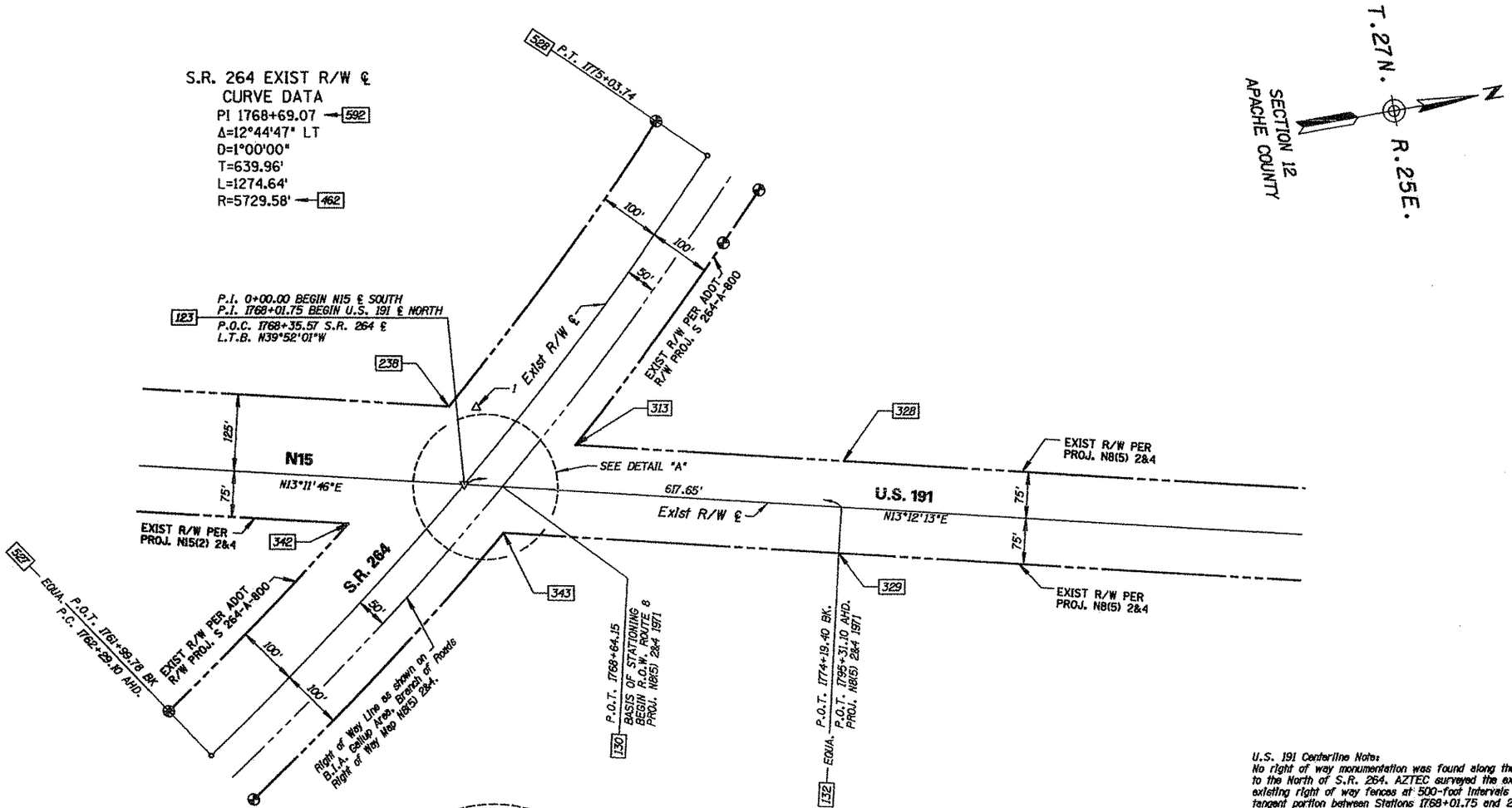
HIGHWAY NAME: CHAMBERS - MEXICAN WATER
FEDERAL AID NO.: 191 AP 418 H4518 01R
PROJECT NO.: 191-E-800

REGISTERED LAND SURVEYOR CERTIFICATE NO. 25396 ALAN D. REDE 2/15/07 ARIZONA, U.S.A.

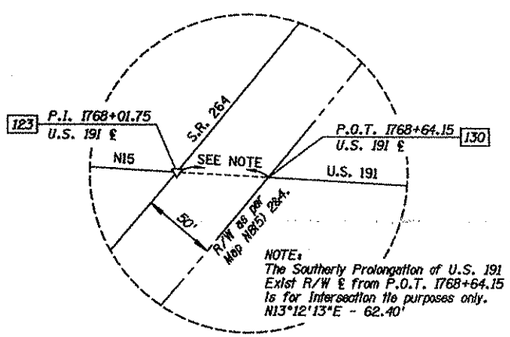
SHEET RS-6

Click here for US 191 Index

RESULTS OF SURVEY



U.S. 191 Centerline Note:
No right of way monumentation was found along the section of U.S. 191 to the North of S.R. 264. AZTEC surveyed the existing pavement and existing right of way fences at 500-foot intervals for the 7.64-mile tangent portion between Stations 1768+01.75 and 2192+74.70. A best-fit analysis of the centerline of the right of way fences was developed. The resulting centerline was shifted 0.32 foot East at the South end (Station 1768+01.75) to create a common point with Station 0+00 on Route N 15 to the South.



NOTE:
The Southerly Prolongation of U.S. 191 Exist R/W ℄ from P.O.T. 1768+64.15 is for intersection tie purposes only.
N13°12'13"E - 62.40'

DETAIL "A"

LEGEND

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

DETAIL SHEET

0 50 100
Scale

191RW418_RS07.DGN

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
9740	09/23/09	WFM	MODIFIED EXST R/W RT STA 0+31.86 TO STA 22+70.80, N15 ℄.

DRAWING NO.	D-01-T-291
SURVEY	Sept. 2006
DRAWN/DATE	WFM 10/06
ADOT REVIEW	D. Casdorph
AZTEC	4501 E. McDowell Road Phoenix, AZ 85008-4505 Tel (602) 454-0402 Fax (602) 454-0403 www.aztec.us
ROUTE NO.: U.S. 191	LOCATION: Burnside Junction - North

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

HIGHWAY NAME: CHAMBERS - MEXICAN WATER
FEDERAL AID NO.: 191 AP 418 H4518 01R
PROJECT NO.: 191-E-800

12/14/09
Expires 03/31/2010

SHEET RS-7

Plotted By: bmcallister at 8:58:19 AM 12/12/2009 R:\PHOENIX\PROJECTS\AZS0922_ADOT_09-34_03\02_US191BURNSIDE\SURVEY\DGN\ROS\191RW418_RS07.DGN

RESULTS OF SURVEY

N15 EXIST 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 FOLLOWING EXISTING DOCUMENTATION:
U.S. DEPARTMENT OF INTERIOR, B.I.A. GALLUP AREA, BRANCH OF ROADS, MAP NUMBERED N15(2)2&4 DATED 1/27/1962.

LEFT SIDE			RIGHT SIDE		
PT.	STATION	OFFSET	PT.	STATION	OFFSET
342	1+84.75	75.00 LT	238	0+31.86	125.00 RT
341	8+21.08	75.00 LT	237	8+21.08	125.00 RT
121	RADIUS PT.	-------	121	RADIUS PT.	-------
340	17+16.49	75.00 LT	236	17+16.49	125.00 RT
339	20+46.63	75.00 LT	235	22+70.80	125.00 RT
338	25+23.56	75.00 LT	234	22+65.26	113.03 RT
337	44+67.77	75.00 LT	233	22+47.64	75.00 RT
111	RADIUS PT.	-------	308	23+94.48	75.00 RT
336	61+22.70	75.00 LT	307	44+67.77	75.00 RT
335	87+70.54	75.00 LT	111	RADIUS PT.	-------
334	129+87.39	75.00 LT	306	61+22.70	75.00 RT
327	138+37.60 BK.	75.00 LT	305	88+38.61	75.00 RT
327	137+37.60 AHD.	75.00 LT	304	126+57.41	75.00 RT
333	144+67.29	75.00 LT	326	138+37.60 BK.	75.00 RT
332	192+76.69	75.00 LT	326	137+37.60 AHD.	75.00 RT
331	202+63.61	75.00 LT	303	145+35.24	75.00 RT
6626	247+19.54	75.00 LT	302	189+46.66	75.00 RT
			301	203+31.55	75.00 RT
			6627	247+19.54	75.00 RT

US 191 EXIST 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 FOLLOWING EXISTING DOCUMENTATION:
U.S. DEPARTMENT OF INTERIOR, B.I.A. GALLUP AREA, BRANCH OF ROADS, MAP NUMBERED N8(8)2&4 DATED 6/15/1970.

LEFT SIDE			RIGHT SIDE		
PT.	STATION	OFFSET	PT.	STATION	OFFSET
313	1769+80.22	75.00 LT	343	1768+70.44	75.00 RT
328	1774+19.40 BK.	75.00 LT	329	1774+19.40 BK.	75.00 RT
328	1795+31.10 AHD.	75.00 LT	329	1795+31.10 AHD.	75.00 RT
314	1824+51.19	75.00 LT	344	1824+87.15	75.00 RT
315	1853+55.43	75.00 LT	345	1847+30.97	75.00 RT
316	1878+82.52	75.00 LT	346	1879+18.38	75.00 RT
317	1933+11.38	75.00 LT	347	1933+47.23	75.00 RT
318	1966+48.12	75.00 LT	348	1960+24.50	75.00 RT
319	1987+40.03	75.00 LT	349	1987+75.85	75.00 RT
320	2041+68.30	75.00 LT	350	2042+04.10	75.00 RT
321	2072+38.64	75.00 LT	351	2066+17.71	75.00 RT
322	2095+97.06	75.00 LT	352	2096+32.91	75.00 RT
323	2150+25.81	75.00 LT	353	2150+61.67	75.00 RT
324	2184+73.56	75.00 LT	354	2178+53.09	75.00 RT
325	2192+74.70	75.00 LT	355	2192+74.70	75.00 RT

SR 264 EXIST R/W LINE

THE FOLLOWING LIST OF POINTS REPRESENTS THE VERIFICATION AND ACCEPTANCE OF EXISTING MONUMENTATION AS SHOWN ON RESULTS OF SURVEY PERFORMED BY AMEC, ADOT PROJECT NUMBER S 264-A-800, DATED FEBRUARY, 2004.

LEFT SIDE			RIGHT SIDE		
PT.	STATION	OFFSET	PT.	STATION	OFFSET
366	1734+71.17	100.00 LT	367	1734+71.17	100.00 RT
356	1746+64.23	100.00 LT	361	1745+31.79	100.00 RT
357	1762+29.10	100.00 LT	362	1762+29.10	100.00 RT
462	RADIUS PT.	---------	462	RADIUS PT.	---------
342	1766+61.53	100.00 LT	343	1768+17.20	100.00 RT
312	1768+54.52	100.00 LT	313	1769+99.90	100.00 RT
462	RADIUS PT.	---------	462	RADIUS PT.	---------
358	1775+03.74	100.00 LT	363	1775+03.74	100.00 RT
359	1784+57.11	100.00 LT	364	1786+48.32	100.00 RT
360	1819+05.71	100.00 LT	365	1816+96.33	100.00 RT

N15 EXIST R/W ℄

PT.	NORTHING	EASTING	STATION	DESCRIPTION
123	1731076.04891	860418.98584	0+00.00	POT
120	1730276.65114	860231.54603	8+21.08	PC
119	1729825.99523	860125.87790	12+83.96	PI
121	1730603.64399	858836.97914	--------	RP
122	1729522.39711	859776.47171	17+16.49	PT
110	1727717.85479	857699.65300	44+67.77	PC
109	1727166.45761	857065.05886	53+08.46	PI
111	1724837.26738	860202.58782	--------	RP
112	1726399.44334	856720.91109	61+22.70	PT
133	1719360.60039	853562.68818	138+37.60	POT BK.
			137+37.60	POT AHD.
105	1709341.00802	849067.04786	247+19.54	PC

US 191 EXIST R/W ℄

PT.	NORTHING	EASTING	STATION	DESCRIPTION
123	1731076.04891	860418.98584	1768+01.75	POT
130	1731136.79643	860433.23797	1768+64.15	POT
132	1731677.37127	860560.06361	1774+19.49	POT BK.
			1795+31.10	POT AHD.
131	1770370.34637	869637.92101	2192+74.70	PC

SR 264 EXIST R/W ℄

PT.	NORTHING	EASTING	STATION	DESCRIPTION
526	1728323.51142	862300.40694	1734+71.17	PT
527	1730590.88071	860782.39714	1761+99.78	POT BK.
			1762+29.10	PC AHD.
592	1731122.66585	860426.36636	1768+69.07	PI
462	1727403.33915	856021.34056	----------	RP
123	1731076.04891	860418.98584	1768+35.57	POC
462	1727403.33915	856021.34056	----------	RP
528	1731562.79143	859961.77756	1775+03.74	PT
568	1734518.17848	856842.12315	1818+01.02	POT

△ AZTEC CONTROL POINTS

PT.	NORTHING	EASTING	DESCRIPTION
1	1731117.90989	860298.85916	SET ½" REBAR 40' ± SOUTH OF SOUTH EP, SR 264, AT MP 441
2	1741662.03629	862979.91321	SET ½" REBAR 60' ± EAST OF EAST EP, US 191, AT MP 319.6
3	1753998.37186	865886.27424	SET ½" REBAR 70' ± EAST OF EAST EP, US 191, AT MP 422
4	1766912.27315	868923.17263	SET ½" REBAR 80' ± EAST OF EAST EP, US 191, AT MP 454.5
5	1723456.86096	855347.82469	SET ½" REBAR 35' ± WEST OF WEST EP, N 15, AT MP 103
6	1709278.28710	848959.46590	SET ½" REBAR 60' ± WEST OF WEST EP, N 15, AT MP 100

△ GANADO SCHOOL PROPERTY CORNERS

PT.	NORTHING	EASTING	DESCRIPTION
400	1731999.66049	859355.43622	NW COR FD 5/8" REBAR WITH FLAGGING
401	1729683.65900	858316.27536	SW COR FD REBAR W/CAP LS 16630, LS 23950
402	1728849.27734	860176.60683	SE COR FD5/8" REBAE W/TAG AZ 2538

SECTION MONUMENTATION

PT	NORTHING	EASTING	DESCRIPTION
*3006	1734516.97164	856549.44403	BLM B.C.
3007	1729247.41633	859214.95813	3½" BLM B.C. FLUSH
3008	1731888.56884	859202.07928	3½" BLM B.C.
3009	1734527.85977	859189.99258	3½" BLM B.C.
3010	1729260.81262	861859.62135	3" B.C. IN CONC LS 15083
*3012	1729274.06422	864504.66740	BLM B.C.
5059	1723945.48820	853961.62080	SET 3" A.C. RLS 25396
5522	1708087.94380	848749.24104	3" GLO B.C. ON 2" PIPE
5523	1708078.57684	846112.06842	3" BLM B.C. ON 2" PIPE
5524	1710727.83221	848736.65525	3" BLM B.C. ON 2" PIPE
5525	1713367.88357	848723.81938	3" BLM B.C. ON 2" PIPE
5526	1713377.20482	851367.93686	3" BLM B.C. ON 2" PIPE
5527	1718666.50748	853986.21522	3" BLM B.C. ON 2" PIPE
5528	1718656.98729	851342.45385	3" BLM B.C. ON 2" PIPE
5529	1721306.47930	853973.28452	3" BLM B.C. ON 2" PIPE
5530	1723956.75822	856600.21805	3" BLM B.C. ON 2" PIPE
5531	1726607.26282	859227.56717	3" BLM B.C. ON 2" PIPE
5532	1734540.69326	861832.33615	3" BLM B.C. ON 2" PIPE
5533	1739833.87808	864444.73357	3" BLM B.C. ON 2" PIPE
5534	1739822.63344	861804.37403	3" BLM B.C. ON 2" PIPE
5535	1745113.73679	864414.87375	3" BLM B.C. ON 2" PIPE
5536	1745102.79609	861774.53138	3" BLM B.C. ON 2" PIPE
5537	1747753.71768	864400.14544	3" BLM B.C. ON 2" PIPE
5538	1750393.70410	864385.34947	3" BLM B.C. ON 2" PIPE
5539	1750403.54568	866870.84411	3" BLM B.C. ON 2" PIPE
5540	1755683.20717	866835.41701	3" BLM B.C. ON 2" PIPE
5541	1755673.59096	864355.78659	3" BLM B.C. ON 2" PIPE
5542	1760963.36740	866800.62537	3" BLM B.C. ON 2" PIPE
5543	1760974.32224	869440.59404	3" BLM B.C. ON 2" PIPE
5544	1766254.30660	869404.76175	3" BLM B.C. ON 2" PIPE
5545	1768894.47043	869386.73210	3" BLM B.C. ON 2" PIPE
5546	1772205.56334	869364.36218	3" BLM B.C. ON 2" PIPE
5547	1766243.22526	866764.60388	3" BLM B.C. ON 2" PIPE

* COORDINATE VALUES AND MONUMENT DESCRIPTIONS SHOWN FOR THESE POINTS ARE TAKEN FROM THE RESULTS OF SURVEY FOR SR 264, BURNSIDE JUNCTION TO KINICHEE ROAD, ADOT R/W PROJECT NO. S 264-A-800, PREPARED BY AMEC, DATED 1/12/2005.

Click here for US 191 Index

191RW418_RS08.DGN

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
9740	09/23/09	WFM	MODIFIED EXIST R/W POINTS 233-238.

DRAWING NO.	D-01-T-291
SURVEY	Sept. 2006
DRAWN/DATE	WFM 10/06
ADOT REVIEW	D. Casdorph

AZTEC 4511 E. McDowell Road Phoenix, AZ 85008-4505 Tel (602) 454-0401 Fax (602) 454-0403 www.aztecaz.com

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

HIGHWAY NAME: CHAMBERS - MEXICAN WATER
FEDERAL AID NO.: 191 AP 418 H4518 01R
PROJECT NO.: 191-E-800
ROUTE NO.: U.S. 191
LOCATION: Burnside Junction - North

Expires 03/31/2010 12/14/09

SHEET RS-8

Plotted By: bmcallister at 8:59:05 AM 12/12/2009 R:\PHOENIX\PROJECTS\AZS0922_ADOT_09-34_03\02_US191BURNSIDE\SURVEY\DGN\ROS\191RW418_RS08.DGN

RESULTS OF SURVEY

CALCULATED POINTS

PT.	NORTHING	EASTING	DESCRIPTION
105	1709341.00802	849067.04786	(C)
109	1727166.45761	857065.05886	(C)
110	1727717.85479	857699.65300	(C)
111	1724837.26738	860202.58782	(C)
112	1726399.44334	856720.91109	(C)
119	1729825.99523	860125.87790	(C)
120	1730276.65114	860231.54603	(C)
121	1730603.64399	858836.97914	(C)
122	1729522.39711	859776.47171	(C)
123	1731076.04891	860418.98584	(C)
130	1731136.79643	860433.23797	(C)
131	1770370.34637	869637.92101	(C)
132	1731677.37127	860560.06361	(C)
233	1729230.63359	859326.33761	(C)
234	1729247.78679	859288.09297	(C)
235	1729253.18429	859276.05874	(C)
236	1729616.75410	859694.48538	(C)
237	1730305.18674	860109.84673	(C)
238	1731073.56973	860290.01431	(C)
301	1713375.18477	850794.91876	(C)
302	1714638.72026	851361.84812	(C)
303	1718663.56012	853167.73321	(C)
304	1720468.07320	853977.39107	(C)
305	1723952.23271	855540.68101	(C)
306	1726430.14584	856652.48335	(C)
307	1727774.46892	857650.46113	(C)
308	1729134.32555	859215.49824	(C)
313	1731266.92989	860386.73244	(C)
314	1734537.39880	861154.02548	(C)
315	1737364.86797	861817.38522	(C)
316	1739825.14706	862394.59756	(C)
317	1745110.50363	863634.60852	(C)
318	1748359.02734	864396.75294	(C)
319	1750395.64121	864874.56811	(C)
320	1755680.41117	866114.44144	(C)
321	1758669.58611	866815.73939	(C)
322	1760965.66547	867354.42841	(C)
323	1766250.90538	868594.41200	(C)
324	1769607.51500	869381.91473	(C)
325	1770387.47717	869564.90364	(C)
326	1719391.30282	853494.26040	(C)
327	1719329.89789	853631.11593	(C)
328	1731694.50206	860487.04624	(C)
329	1731660.24048	860633.08097	(C)
331	1713375.76527	850959.58622	(C)
332	1714276.20024	851363.59784	(C)
333	1718664.15311	853332.40626	(C)
334	1720105.61034	853979.16643	(C)
335	1723952.93627	855705.40368	(C)
336	1726368.74091	856789.33887	(C)
337	1727661.24066	857748.84487	(C)
338	1728936.43312	859216.44335	(C)
339	1729249.24746	859576.45635	(C)
340	1729465.78298	859825.66358	(C)

CALCULATED POINTS

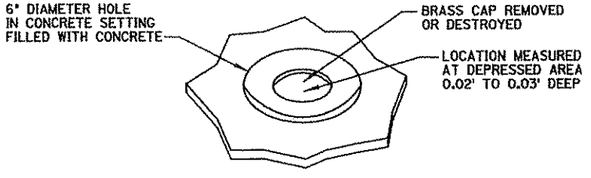
PT.	NORTHING	EASTING	DESCRIPTION
341	1730259.52979	860304.56561	(C)
342	1730879.05864	860449.83042	(C)
343	1731125.78879	860507.69190	(C)
344	1734538.14797	861308.27418	(C)
345	1736722.64710	861820.78508	(C)
346	1739825.80387	862548.82459	(C)
347	1745111.14268	863788.83139	(C)
348	1747717.63315	864400.34675	(C)
349	1750396.25185	865028.78430	(C)
350	1755681.00922	866268.65469	(C)
351	1758030.81386	866819.94834	(C)
352	1760966.30543	867508.65149	(C)
353	1766251.55270	868748.63680	(C)
354	1768969.18453	869386.22733	(C)
355	1770353.21558	869710.93838	(C)
356	1729259.26238	861553.57658	(C)
357	1730535.24765	860699.30104	(C)
358	1731490.19529	859893.00402	(C)
359	1732145.85516	859200.90103	(C)
360	1734517.58151	856697.34855	(C)
361	1729260.47743	861793.44828	(C)
362	1730646.51377	860865.49324	(C)
363	1731635.38757	860030.55110	(C)
364	1732422.55232	859199.63389	(C)
365	1734518.77545	856986.89775	(C)
366	1728267.87836	862217.31084	(C)
367	1728379.14448	862383.50304	(C)
370	1708626.97324	848746.67119	(C)
371	1713375.47502	850877.25249	(C)
372	1714457.46025	851362.72298	(C)
373	1718663.85662	853250.06973	(C)
374	1720286.84177	853978.27875	(C)
375	1723952.58449	855623.04235	(C)
376	1729035.37933	859215.97079	(C)
377	1729248.66485	859461.43766	(C)
380	1734537.77339	861231.14983	(C)
381	1737043.75753	861819.08515	(C)
382	1739825.47547	862471.71108	(C)
383	1745110.82316	863711.71996	(C)
384	1748038.33217	864398.55030	(C)
385	1750395.94653	864951.67621	(C)
386	1755680.71019	866191.54806	(C)
387	1758350.19999	866817.84386	(C)
388	1760965.98545	867431.53995	(C)
389	1766251.22904	868671.52440	(C)
390	1769288.34977	869384.07103	(C)
391	1729259.86990	861673.51243	(C)
392	1732284.20374	859200.26746	(C)
462	1727403.33915	856021.34056	(C)
526	1728323.51142	862300.40694	(C)
527	1730590.88071	860782.39714	(C)
528	1731562.79143	859961.77756	(C)
568	1734518.17848	856842.12315	(C)
592	1731122.66585	860426.36636	(C)

N15 EXIST R/W MONUMENTATION

PT	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
6626	1709310.30559	849135.47563	3" B.C. IN CONC.	247+19.54	75.00 LT
6627	1709371.71052	848998.62011	3" B.C. IN CONC.	247+19.54	75.00 RT
6628	1712259.63410	850458.67230	3" B.C. IN CONC.	214+86.99	74.89 LT
6629	1712321.05840	850321.75120	3" B.C. IN CONC.	214+87.00	75.18 RT
6630	1714977.77320	851678.27660	3" B.C. IN CONC.	185+07.78	74.90 LT
6631	1715039.28990	851541.17520	3" B.C. IN CONC.	185+07.78	75.37 RT
6632	1717832.87980	852959.15490	3" B.C. IN CONC.	153+78.52	74.75 LT
6633	1717894.31640	852822.25650	3" B.C. IN CONC.	153+78.51	75.30 RT
6634	1719328.11720	853630.07210	3" B.C. IN CONC.	137+39.66	74.78 LT
6635	1719389.51620	853493.20910	3" B.C. IN CONC.	137+39.67	75.23 RT
6636	1721369.02760	854545.97210	3" B.C. IN CONC.	116+02.65	74.94 LT
6637	1721430.53470	854409.07390	3" B.C. IN CONC.	116+02.58	75.15 RT
6638	1723966.05860	855546.84800	3" B.C. IN CONC.	88+23.47	75.03 RT
6639	1725210.34490	856270.88820	3" B.C. IN CONC.	73+91.83	76.19 LT
6640	1725272.24910	856133.10030	3" B.C. IN CONC.	73+91.75	74.87 RT
6641	1726368.97930	856789.57260	3" B.C. IN CONC.	61+22.39	75.12 LT
6642	1726430.54520	856652.53650	3" B.C. IN CONC.	61+22.33	75.12 RT
6643	1727661.47090	857749.14360	3" B.C. IN CONC.	44+67.40	75.02 LT
6644	1727774.71420	857650.70530	7/16" REBAR	44+67.43	75.03 RT
6645	1728624.14130	858857.00730	3" B.C.	29+99.71	74.98 LT
6646	1728737.30530	858758.31510	3" B.C.	29+99.99	75.17 RT
6647	1729579.02230	859727.10200	3" B.C.	17+16.62	75.13 RT
6648	1729465.64510	859825.69970	5/8" REBAR W/CAP "NHA"	17+16.55	75.13 LT
6649	1730294.02820	860158.58640	3" BC IN CONC.	8+20.82	75.00 RT

SR 264 EXIST R/W MONUMENTATION

PT	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2016	1734236.83815	856994.27039	CONC. SETTING FOR BC	1814+97.08	99.61 LT
2019	1734382.14762	857131.70910	CONC. SETTING FOR BC	1814+97.24	100.41 RT
2020	1731487.67798	859895.69062	CONC. SETTING FOR BC	1775+00.00	99.98 LT
2023	1731633.15627	860032.87705	5/8" REBAR	1775+00.58	99.98 RT
2024	1731563.73548	860104.83693	2"X 1" HUB	1774+02.30	99.99 RT
2028	1730644.04420	860867.76434	B.C. IN CONC.	1761+96.47	100.51 RT
2031	1730537.09986	860697.44454	CONC. SETTING FOR BC	1762+31.72	100.51 LT
2032	1728964.41942	861750.86033	CONC. SETTING FOR BC	1743+09.47	100.10 LT
2035	1729076.06202	861917.34313	CONC. SETTING FOR BC	1743+09.62	100.36 RT
2036	1728268.17248	862217.11317	CONC. SETTING FOR BC	1734+71.52	100.00 LT
2039	1728379.42224	862383.31783	NAIL IN CONC RUBBLE	1734+71.50	100.00 RT



DETAIL OF CONC. SETTING FOR BRASS CAP

GENERAL NOTES

1. 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.

2. ALL COORDINATES LISTED ARE 1983 (1992 EPOCH) ARIZONA STATE PLANE GROUND COORDINATES (UNLESS OTHERWISE NOTED), ARIZONA EAST ZONE, STANDARD TRANSVERSE MERCATOR PROJECTION, WITH A SCALE OF ORIGIN POINT OF X=0.0000 Y=0.0000, USING A GRID ADJUSTMENT FACTOR OF 1.000382051 AS SHOWN ON R.O.S. PROJ. NO. S-264-A-800 PREPARED BY AMEC, DATED FEBRUARY, 2004. THESE COORDINATES CAN BE UTILIZED AS GROUND DATUM. TO CONVERT BACK TO GRID COORDINATES DIVIDE EACH COORDINATE VALUE BY 1.000382051.

3. UNITS = INTERNATIONAL FEET
   1 FOOT=0.3048 METER EXACTLY

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

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

6. THE FIELD PORTION OF THIS SURVEY WAS PERFORMED DURING SEPTEMBER 2006.

7. THE BASIS OF COORDINATES FOR THIS PROJECT ARE FROM NATIONAL GEODETIC SURVEY PUBLISHED "CURRENT SURVEY CONTROL" VALUES FOR THE FOLLOWING MONUMENTS:

   HORIZONTAL & VERTICAL CONTROL
   AGENCY, NAME AND PID #, MONUMENT TYPE
   PT#, GRID N ft, GRID E ft, NAVD 88 ELEV
   NAD 83(92) LAT N, NAD 83(92) LONG W

   NGS, GANADO SE BASE RM 4, FP0607, NGS DISK
   7, 1743344.19201, 849055.64704, 6388.2
   35°47'25.31525" N, 109°39'50.61543" W

   NGS, CORN, DT0796, USC&GS BRONZE TRIANGULATION DISK
   8, 969645.28543, 783954.57677, 6081.1
   33°39'54.45919" N, 109°53'26.63076" W

Click here for US 191 Index

191RW418_RS09.DGN

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
9740	09/23/09	WFM	MODIFIED COORDINATES,POINTS 233-238

DRAWING NO.	D-01-T-291
SURVEY	Sept. 2006
DRAWN/DATE	WFM 10/06
ADOT REVIEW	D. Casdorph

AZTEC 4521 E. McDowell Road Phoenix, AZ 85008-6505 Tel (602) 454-0402 Fax (602) 454-0403 www.aztecaz.com

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

HIGHWAY NAME: CHAMBERS - MEXICAN WATER
FEDERAL AID NO.: 191 AP 418 H4518 01R
PROJECT NO.: 191-E-800
ROUTE NO.: U.S. 191
LOCATION: Burnside Junction - North
SHEET RS-9

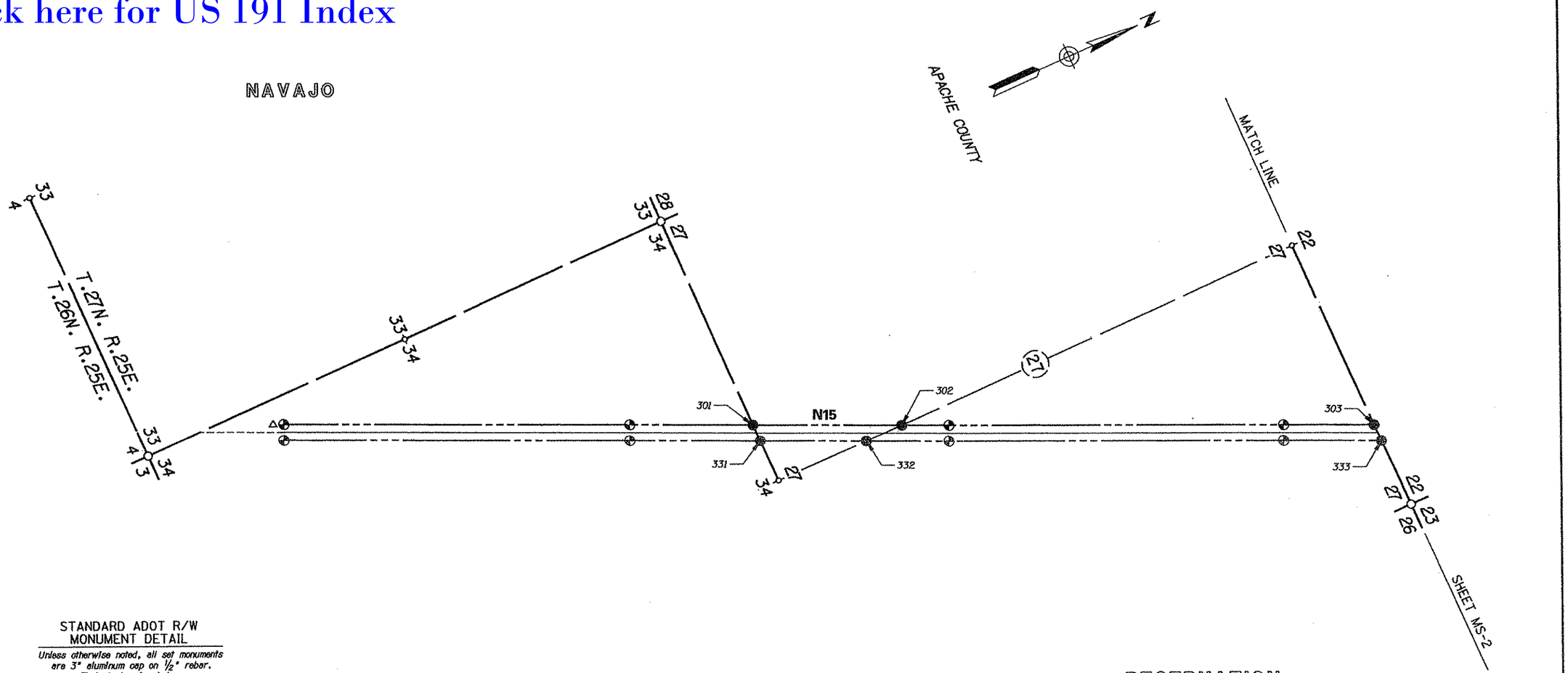
Expires 03/31/2010

Plotted By: bmcallister at 8:59:47 AM 12/12/2009 R:\PHOENIX\PROJECTS\AZS0922_ADOT_09-34_03\02_US191BURNSIDE\SURVEY\DGN\ROS\191RW418_RS09.DGN

RIGHT OF WAY MONUMENTATION SURVEY

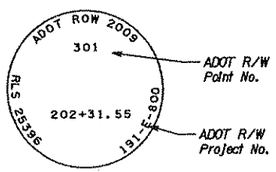
FOR ADDITIONAL INFORMATION SEE RESULTS OF SURVEY AS SHOWN ON SHEETS RS-1 TO RS-9

Click here for US 191 Index



STANDARD ADOT R/W MONUMENT DETAIL

Unless otherwise noted, all set monuments are 3" aluminum cap on 1/2" rebar. Typical stamping below.



LEGEND

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

0 250 500
Scale

191RW418_MS01.DGN

MONUMENTATION LIST - N15 ℄					
PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
301	1713375.18477	850794.91876	SET STANDARD MONUMENT	203+31.55	75.00' RT
302	1714638.72026	851361.84812	SET STANDARD MONUMENT	189+46.66	75.00' RT
303	1718663.56012	853167.73321	SET STANDARD MONUMENT	145+35.24	75.00' RT
331	1713375.76527	850959.58622	SET STANDARD MONUMENT	202+63.61	75.00' LT
332	1714276.20024	851363.59784	SET STANDARD MONUMENT	192+76.69	75.00' LT
333	1718664.15311	853332.40626	SET STANDARD MONUMENT	144+67.29	75.00' LT

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

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

DRAWING NO.	D-01-T-291
SURVEY	Oct. 2009
DRAWN/DATE	WFM 10/09
ADOT REVIEW	D. Casdorph

AZTEC
4561 E. McDowell Road
Phoenix, AZ 85008-4505
Tel (602) 454-0402
Fax (602) 454-0403
www.aztec.us

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

HIGHWAY NAME: CHAMBERS - MEXICAN WATER

FEDERAL AID NO.: 191 AP 418 H4518 01R

PROJECT NO.: F 191-E-800

ROUTE NO.: U.S. 191

LOCATION: Burnside Junction - North

REGISTERED LAND SURVEYOR
CERTIFICATE NO. 25396
ALAN D. REECE
12/14/09
Date Signed
ARIZONA, U.S.A.
Expires 03/31/2010

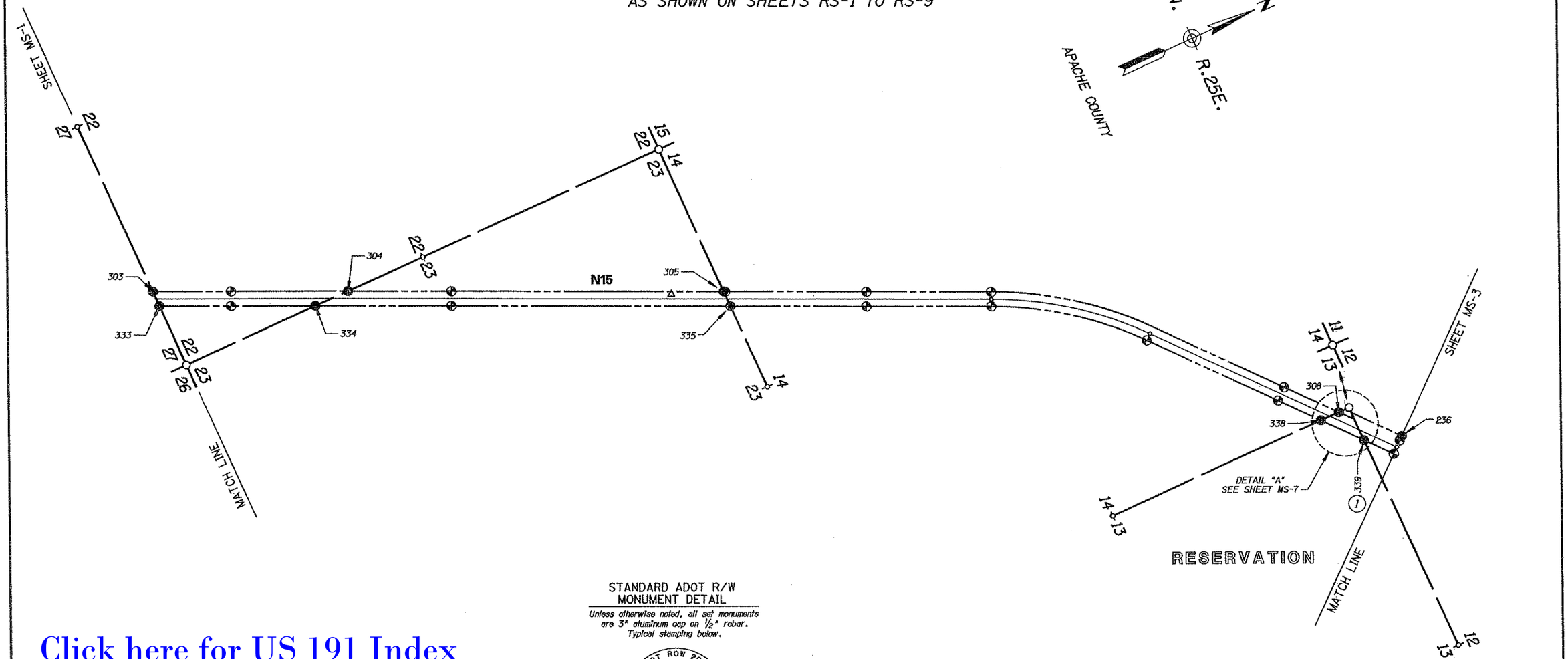
SHEET MS-1

Plotted By: bmcallister at 9:25:07 AM 12/12/2009 R:\PHOENIX\PROJECTS\AZS0922_ADOT_09-34_03\02_US191BURNSIDE\SURVEY\DGN\RW MONUMENTATION SURVEY\191RW418_MS01.DGN

RIGHT OF WAY MONUMENTATION SURVEY

NAVAJO

FOR ADDITIONAL INFORMATION SEE RESULTS OF SURVEY AS SHOWN ON SHEETS RS-1 TO RS-9



Click here for US 191 Index

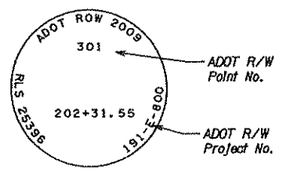
MONUMENTATION LIST - N15 ℄

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
233	1729230.63359	859326.33761	SET STANDARD MONUMENT	22+47.64	75.00' RT
234	1729247.78679	859288.09297	SET STANDARD MONUMENT	22+65.26	113.03' RT
235	1729253.18429	859276.05874	SET STANDARD MONUMENT	22+70.80	125.00' RT
236	1729616.75410	859694.48538	SET STANDARD MONUMENT	17+16.49	125.00' RT
303	1718663.56012	853167.73321	SET STANDARD MONUMENT	145+35.24	75.00' RT
304	1720468.07320	853977.39107	SET STANDARD MONUMENT	126+57.41	75.00' RT
305	1723952.23271	855540.68101	SET STANDARD MONUMENT	88+38.61	75.00' RT
308	1729134.32555	859215.49824	SET STANDARD MONUMENT	23+94.48	75.00' RT
326	1719391.30282	853494.26040	SET STANDARD MONUMENT	137+37.60	75.00' RT
327	1719329.89789	853631.11593	SET STANDARD MONUMENT	137+37.60	75.00' LT
333	1718664.15311	853332.40626	SET STANDARD MONUMENT	144+67.29	75.00' LT
334	1720105.61034	853979.16643	SET STANDARD MONUMENT	129+87.39	75.00' LT
335	1723952.93627	855705.40368	SET STANDARD MONUMENT	87+70.54	75.00' LT
338	1728936.43312	859216.44335	SET STANDARD MONUMENT	25+23.56	75.00' LT
339	1729249.24746	859576.45635	SEE NOTE 1	20+46.63	75.00' LT

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

STANDARD ADOT R/W MONUMENT DETAIL

Unless otherwise noted, all set monuments are 3" aluminum cap on ½" rebar. Typical stamping below.



LEGEND

302 *Set Monument*
300 *Found Monument*
Final R/W monument set unless otherwise noted
301 *Calculated position*
Existing ADOT R/W monument

(1) *SET PK NAIL WITH WASHER STAMPED RS 25396.*

0 250 500
Scale

191RW418_MS02.DGN

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

DRAWING NO.	D-01-T-291
SURVEY	Oct. 2009
DRAWN/DATE	WFM 10/09
ADOT REVIEW	D. Casdorph

AZTEC 4561 E. McDowell Road Phoenix, AZ 85008-4505 Tel (602) 454-0402 Fax (602) 454-0403 www.aztec.us

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

HIGHWAY NAME: CHAMBERS - MEXICAN WATER
FEDERAL AID NO.: 191 AP 418 H4518 01R
PROJECT NO.: F 191-E-800
ROUTE NO.: U.S. 191
LOCATION: Burnside Junction - North

ARIZONA LAND SURVEYOR REGISTRATION NO. 25396 ALAN D. REESE 12/14/09 ARIZONA, U.S.A. Expires 03/31/2010

SHEET MS-2

Plotted By: bmcallister at 9:25:36 AM 12/12/2009 R:\PHOENIX\PROJECTS\AZS0922_ADOT_09-34_03\02_US191BURNSIDE\SURVEY\DGN\RW MONUMENTATION SURVEY\191RW418_MS02.DGN

RIGHT OF WAY MONUMENTATION SURVEY

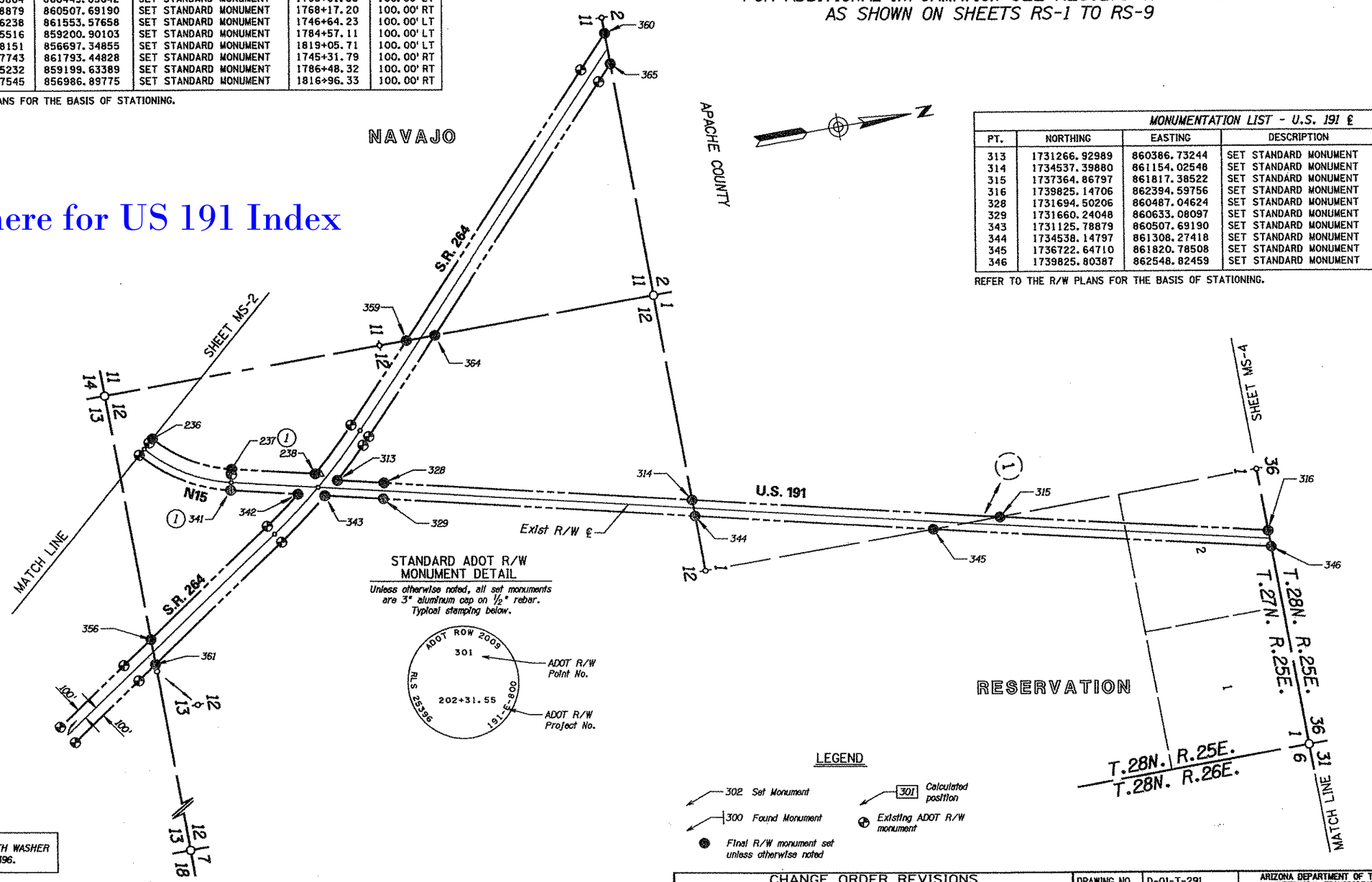
FOR ADDITIONAL INFORMATION SEE RESULTS OF SURVEY AS SHOWN ON SHEETS RS-1 TO RS-9

MONUMENTATION LIST - S.R. 264 ℄

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
238	1731073.56973	860290.01431	SET STANDARD MONUMENT	1769+17.77	100.00' LT
313	1731266.92989	860386.73244	SET STANDARD MONUMENT	1769+98.90	100.00' RT
342	1730879.05864	860449.83042	SET STANDARD MONUMENT	1766+61.53	100.00' LT
343	1731125.78879	860507.69190	SET STANDARD MONUMENT	1768+17.20	100.00' RT
356	1729259.26238	861553.57658	SET STANDARD MONUMENT	1746+64.23	100.00' LT
359	1732145.85516	859200.90103	SET STANDARD MONUMENT	1784+57.11	100.00' LT
360	1734517.58151	856697.34855	SET STANDARD MONUMENT	1819+05.71	100.00' LT
361	1729260.47743	861793.44828	SET STANDARD MONUMENT	1745+31.79	100.00' RT
364	1732422.55232	859199.63389	SET STANDARD MONUMENT	1786+48.32	100.00' RT
365	1734518.77545	856986.89775	SET STANDARD MONUMENT	1816+96.33	100.00' RT

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

Click here for US 191 Index



MONUMENTATION LIST - U.S. 191 ℄

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
313	1731266.92989	860386.73244	SET STANDARD MONUMENT	1769+80.22	75.00' LT
314	1734537.39880	861154.02548	SET STANDARD MONUMENT	1824+51.19	75.00' LT
315	1737364.86797	861817.38522	SET STANDARD MONUMENT	1853+55.43	75.00' LT
316	1739825.14706	862394.59756	SET STANDARD MONUMENT	1878+82.52	75.00' LT
328	1731694.50206	860487.04624	SET STANDARD MONUMENT	1795+31.10	75.00' LT
329	1731660.24048	860633.08097	SET STANDARD MONUMENT	1795+31.10	75.00' RT
343	1731125.78879	860507.69190	SET STANDARD MONUMENT	1768+70.44	75.00' RT
344	1734538.14797	861308.27418	SET STANDARD MONUMENT	1824+87.15	75.00' RT
345	1736722.64710	861820.78508	SET STANDARD MONUMENT	1847+30.97	75.00' RT
346	1739825.80387	862548.82459	SET STANDARD MONUMENT	1879+18.38	75.00' RT

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

STANDARD ADOT R/W MONUMENT DETAIL

Unless otherwise noted, all set monuments are 3" aluminum cap on ½" rebar. Typical stamping below.

LEGEND

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

(1) SET PK NAIL WITH WASHER STAMPED RS 25396.

MONUMENTATION LIST - N15 ℄

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
236	1729616.75410	859694.48538	SET STANDARD MONUMENT	17+16.49	125.00' RT
237	1730305.18674	860109.84673	SEE NOTE 1	8+21.08	125.00' RT
238	1731073.56973	860290.01431	SET STANDARD MONUMENT	0+31.86	125.00' RT
341	1730259.52979	860304.56561	SEE NOTE 1	8+21.08	75.00' LT
342	1730879.05864	860449.83042	SET STANDARD MONUMENT	1+84.75	75.00' LT

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

0 250 500
Scale

191RW418_MS03.DGN

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

DRAWING NO.	D-01-T-291
SURVEY	Oct. 2009
DRAWN/DATE	WFM 10/09
ADOT REVIEW	D. Casdorph
ROUTE NO.:	U.S. 191
LOCATION:	Burnside Junction - North

AZTEC — 4521 E. McDowell Road, Phoenix, AZ 85008-1505, Tel (602) 454-0402, Fax (602) 454-0403, www.aztecaz.us

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

HIGHWAY NAME: CHAMBERS - MEXICAN WATER
FEDERAL AID NO.: 191 AP 418 H4518 01R
PROJECT NO.: F 191-E-800
SHEET MS-3

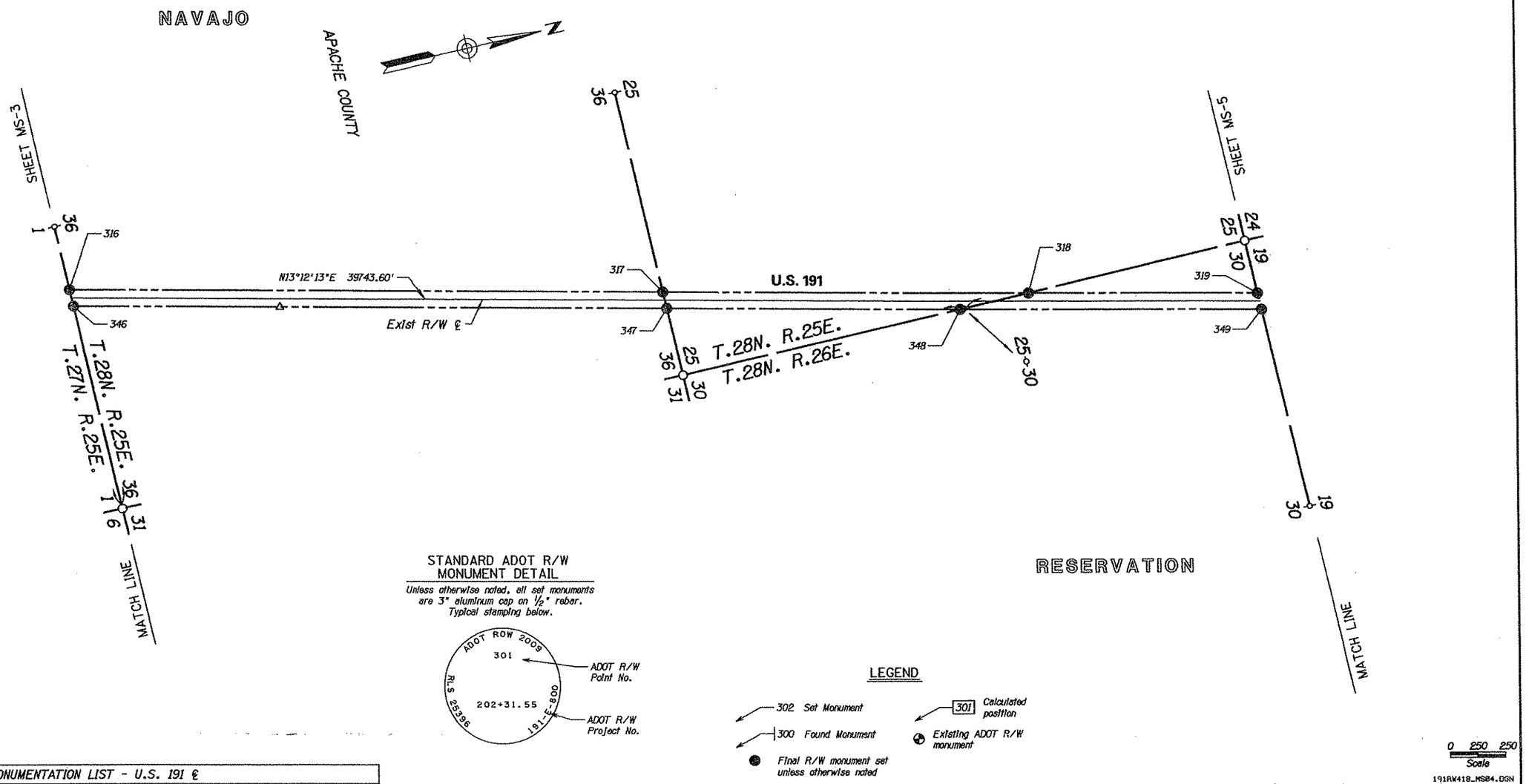
REGISTERED LAND SURVEYOR — 25396 ALAN D. RESCH — 12/14/09 — ARIZONA, U.S.A. — Expires 03/31/2010

Plotted By: bmcallister at 1:21:27 PM 12/15/2009 R:\PHOENIX\PROJECTS\AZS0922_ADOT_09-34_03\02_US191BURNSIDE\SURVEY\DGN\RW MONUMENTATION SURVEY\191RW418_MS03.DGN

RIGHT OF WAY MONUMENTATION SURVEY

FOR ADDITIONAL INFORMATION SEE RESULTS OF SURVEY AS SHOWN ON SHEETS RS-1 TO RS-9

Click here for US 191 Index



STANDARD ADOT R/W MONUMENT DETAIL

Unless otherwise noted, all set monuments are 3" aluminum cap on ½" rebar. Typical stamping below.

LEGEND

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

0 250 250
Scale

191RW418_MS04.DGN

MONUMENTATION LIST - U.S. 191 ℄

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
316	1739825.14706	862394.59756	SET STANDARD MONUMENT	1878+82.52	75.00' LT
317	1745110.50363	863634.60852	SET STANDARD MONUMENT	1933+11.38	75.00' LT
318	1748359.02734	864396.75294	SET STANDARD MONUMENT	1966+48.12	75.00' LT
319	1750395.64121	864874.56811	SET STANDARD MONUMENT	1987+40.03	75.00' LT
346	1739825.80387	862548.82459	SET STANDARD MONUMENT	1879+18.38	75.00' RT
347	1745111.14268	863788.83139	SET STANDARD MONUMENT	1933+47.23	75.00' RT
348	1747717.63315	864400.34675	SET STANDARD MONUMENT	1960+24.50	75.00' RT
349	1750396.25185	865028.78430	SET STANDARD MONUMENT	1987+75.85	75.00' RT

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

CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-01-T-291
SURVEY	Oct. 2009
DRAWN/DATE	WFM 10/09
ADOT REVIEW	D. Casdorph

AZTEC — 4561 E. McDowell Road, Phoenix, AZ 85008-4505, Tel (602) 454-0402, Fax (602) 454-0403, www.aztecaz.us

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

HIGHWAY NAME: CHAMBERS - MEXICAN WATER
FEDERAL AID NO.: 191 AP 418 H4518 01R
PROJECT NO.: F 191-E-800
ROUTE NO.: U.S. 191
LOCATION: Burnside Junction - North

REGISTERED LAND SURVEYOR CERTIFICATE NO. 25596 ALAN D. REECE 12/14/09 Date Signed ARIZONA, U.S.A. Expires 03/31/2010

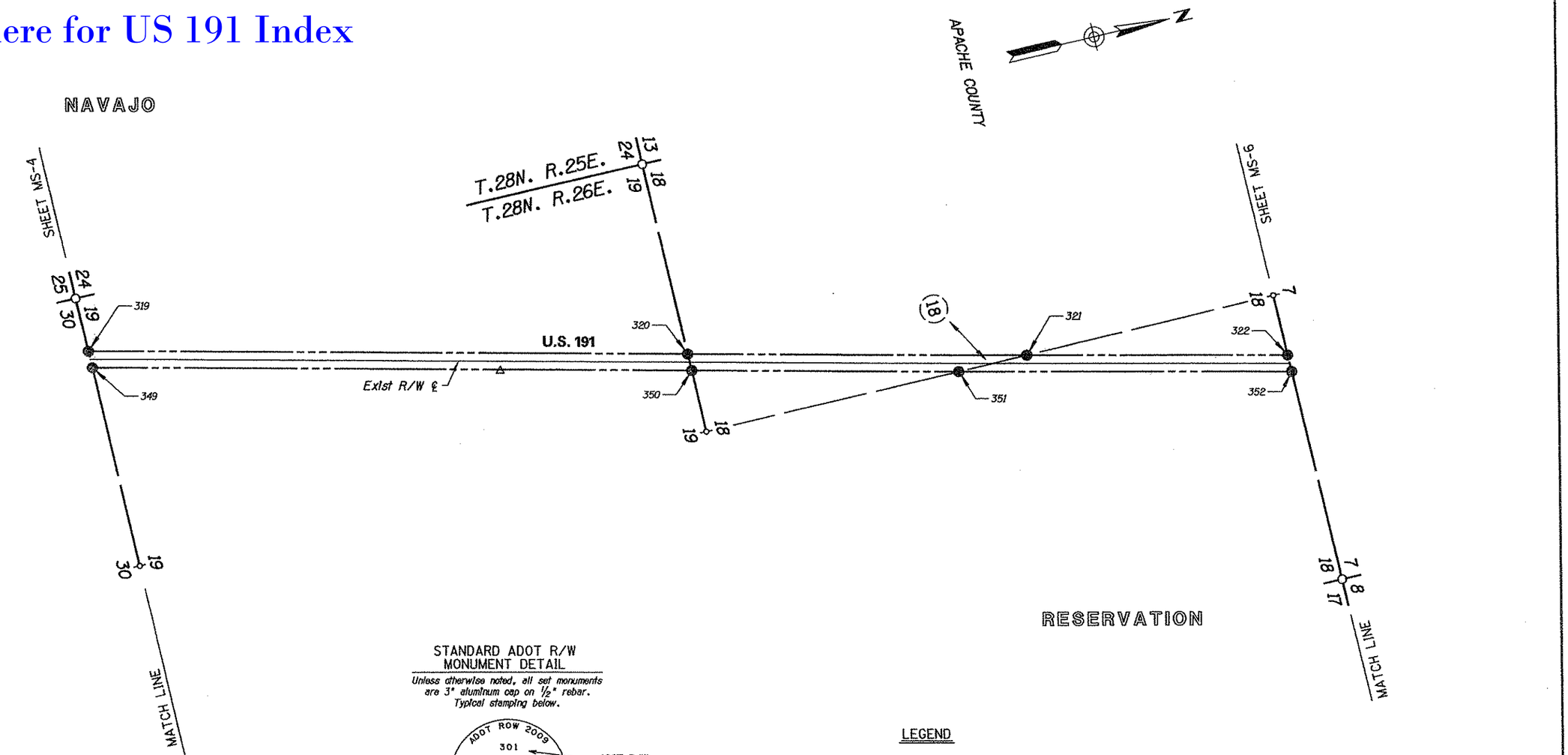
SHEET MS-4

Plotted By: bmcallister at 9:58:48 AM 12/12/2009 R:\PHOENIX\PROJECTS\AZS0922_ADOT_09-34_03\02_US191BURNSIDE\SURVEY\DGN\RW MONUMENTATION SURVEY\191RW418_MS04.DGN

RIGHT OF WAY MONUMENTATION SURVEY

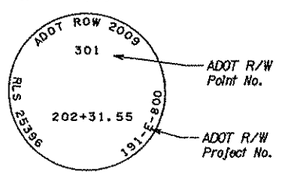
FOR ADDITIONAL INFORMATION SEE RESULTS OF SURVEY AS SHOWN ON SHEETS RS-1 TO RS-9

Click here for US 191 Index



STANDARD ADOT R/W MONUMENT DETAIL

Unless otherwise noted, all set monuments are 3" aluminum cap on ½" rebar. Typical stamping below.



LEGEND

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

0 250 500 Scale

191RW418_MS05.DGN

MONUMENTATION LIST - U.S. 191 ℄

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
319	1750395.64121	864874.56811	SET STANDARD MONUMENT	1987+40.03	75.00' LT
320	1755680.41117	866114.44144	SET STANDARD MONUMENT	2041+68.30	75.00' LT
321	1758669.58611	866815.73939	SET STANDARD MONUMENT	2072+38.64	75.00' LT
322	1760965.66547	867354.42841	SET STANDARD MONUMENT	2095+97.06	75.00' LT
349	1750396.25185	865028.78430	SET STANDARD MONUMENT	1987+75.85	75.00' RT
350	1755681.00922	866268.65469	SET STANDARD MONUMENT	2042+04.10	75.00' RT
351	1758030.81386	866819.94834	SET STANDARD MONUMENT	2066+17.71	75.00' RT
352	1760966.30543	867508.65149	SET STANDARD MONUMENT	2096+32.91	75.00' RT

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

CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-01-T-291
SURVEY	Oct. 2009
DRAWN/DATE	WFM 10/09
ADOT REVIEW	D. Casdorph

AZTEC 4561 E. McDowell Road Phoenix, AZ 85008-4505 Tel (602) 454-0402 Fax (602) 454-0403 www.aztecaz.com

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

HIGHWAY NAME: CHAMBERS - MEXICAN WATER
FEDERAL AID NO.: 191 AP 418 H4518 01R
PROJECT NO.: F 191-E-800
ROUTE NO.: U.S. 191
LOCATION: Burnside Junction - North

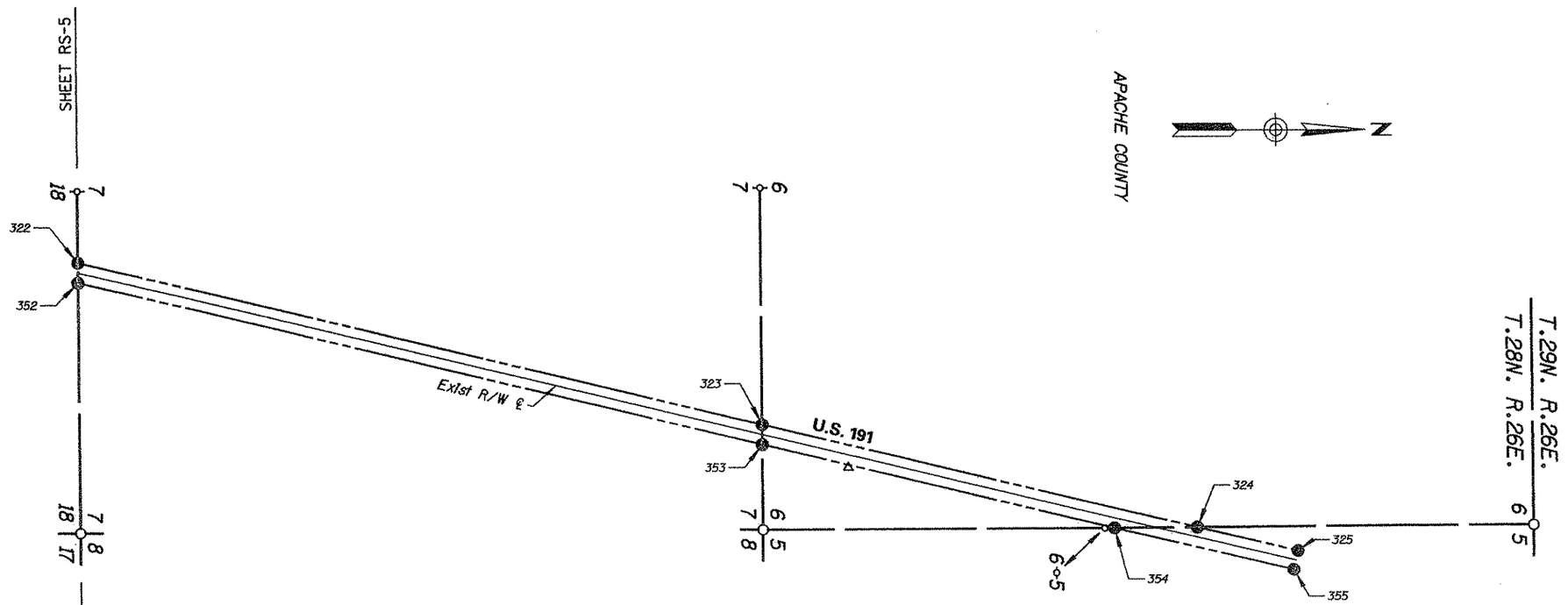
REGISTERED LAND SURVEYOR CERTIFICATE NO. 25396 ALAN D. REECE 12/14/09 Signed ARIZONA, U.S.A. Expires 03/31/2010

SHEET MS-5

Plotted By: bmcallister at 9:27:05 AM 12/12/2009 R:\PHOENIX\PROJECTS\AZS0922_ADOT_09-34_03\02_US191BURNSIDE\SURVEY\DGN\RW MONUMENTATION SURVEY\191RW418_MS05.DGN

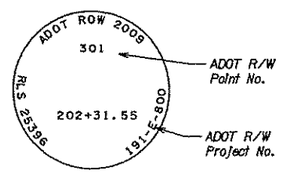
RIGHT OF WAY MONUMENTATION SURVEY

FOR ADDITIONAL INFORMATION SEE RESULTS OF SURVEY AS SHOWN ON SHEETS RS-1 TO RS-9



STANDARD ADOT R/W MONUMENT DETAIL

Unless otherwise noted, all set monuments are 3" aluminum cap on ½" rebar. Typical stamping below.



LEGEND

- 302 Set Monument
- 300 Found Monument
- Final R/W monument set unless otherwise noted
- [301] Calculated position
- Existing ADOT R/W monument

Click here for US 191 Index

0 250 500
Scale

191RW418_MS86.DGN

MONUMENTATION LIST - U.S. 191 ℄

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
322	1760965.66547	867354.42841	SET STANDARD MONUMENT	2095+97.06	75.00' LT
323	1766250.90538	868594.41200	SET STANDARD MONUMENT	2150+25.81	75.00' LT
324	1769607.51500	869381.91473	SET STANDARD MONUMENT	2184+73.56	75.00' LT
325	1770387.47717	869564.90364	SET STANDARD MONUMENT	2192+74.70	75.00' LT
352	1760966.30543	867508.65149	SET STANDARD MONUMENT	2096+32.91	75.00' RT
353	1766251.55270	868748.63680	SET STANDARD MONUMENT	2150+61.67	75.00' RT
354	1768969.18453	869386.22733	SET STANDARD MONUMENT	2178+53.09	75.00' RT
355	1770353.21558	869710.93838	SET STANDARD MONUMENT	2192+74.70	75.00' RT

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

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

DRAWING NO.	D-01-T-291
SURVEY	Oct. 2009
DRAWN/DATE	WFM 10/09
ADOT REVIEW	D. Casdorph

AZTEC 4582 E. McDowell Road Phoenix, AZ 85008-4505 Tel (602) 454-0402 Fax (602) 454-0403 www.aztecaz.com

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

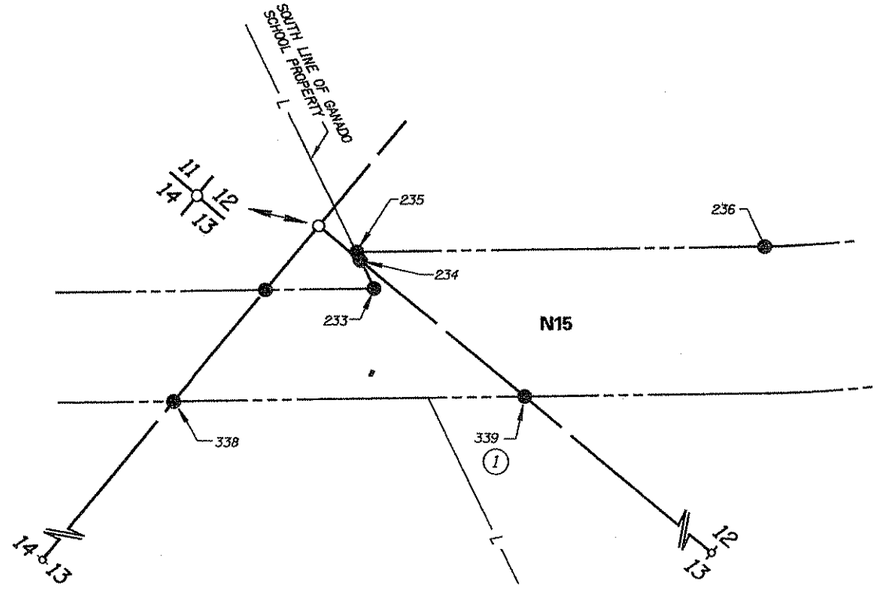
HIGHWAY NAME: CHAMBERS - MEXICAN WATER
FEDERAL AID NO.: 191 AP 418 H4518 01R
PROJECT NO.: F 191-E-800
ROUTE NO.: U.S. 191
LOCATION: Burnside Junction - North
SHEET MS-6

REGISTERED LAND SURVEYOR CERTIFICATE NO. 25396 ALAN D. BOOZE 12/14/09 ARIZONA U.S.A.
Expires 03/31/2010

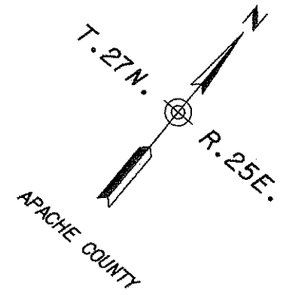
Plotted By: bmcallister at 9:27:34 AM 12/12/2009 R:\PHOENIX\PROJECTS\AZS0922_ADOT_09-34_03\02_US191BURNSIDE\SURVEY\DGN\RW MONUMENTATION SURVEY\191RW418_MS06.DGN

RIGHT OF WAY MONUMENTATION SURVEY

FOR ADDITIONAL INFORMATION SEE RESULTS OF SURVEY AS SHOWN ON SHEETS RS-1 TO RS-9



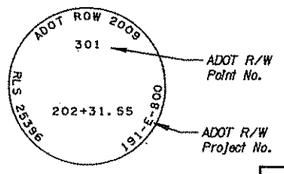
DETAIL "A"
SHEET MS-2



Click here for US 191 Index

STANDARD ADOT R/W MONUMENT DETAIL

Unless otherwise noted, all set monuments are 3" aluminum cap on ½" rebar. Typical stamping below.



LEGEND

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

0 50 100
Scale

191RW418_MS07.DGN

(1) SET PK NAIL WITH WASHER STAMPED RS 25396.

MONUMENTATION LIST - N15 ℄

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
233	1729230.63359	859326.33761	SET STANDARD MONUMENT	22+47.64	75.00' RT
234	1729247.78679	859288.09297	SET STANDARD MONUMENT	22+65.26	113.03' RT
235	1729253.18429	859276.05874	SET STANDARD MONUMENT	22+70.80	125.00' RT
236	1729616.75410	859694.48538	SET STANDARD MONUMENT	17+16.49	125.00' RT
338	1728936.43312	859216.44335	SET STANDARD MONUMENT	25+23.56	75.00' LT
339	1729249.24746	859576.45635	SET STANDARD MONUMENT	20+46.63	75.00' LT

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

CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-01-T-291
SURVEY	Oct. 2009
DRAWN/DATE	WFM 10/09
ADOT REVIEW	D. Casdorph

AZTEC 4141 E. McDowell Road, Phoenix, AZ 85008-4505, Tel (602) 454-0402, Fax (602) 454-0403, www.aztecaz.com

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

HIGHWAY NAME: CHAMBERS - MEXICAN WATER
FEDERAL AID NO.: 191 AP 418 H4518 01R
PROJECT NO.: F 191-E-800
ROUTE NO.: U.S. 191
LOCATION: Burnside Junction - North

REGISTERED LAND SURVEYOR CERTIFICATE NO. 25396 ALAN D. REECE 12/14/09 DATE SURVEYED U.S.A. Expires 03/31/2010

SHEET MS-7

Plotted By: bmcallister at 9:28:02 AM 12/12/2009 R:\PHOENIX\PROJECTS\AZS0922_ADOT_09-34_03\02_US191BURNSIDE\SURVEY\DGN\RW MONUMENTATION SURVEY\191RW418_MS07.DGN