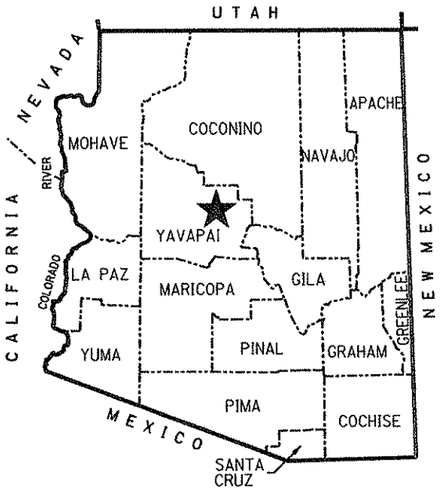


★ PROJECT LOCATION
COUNTY NAME: YAVAPAI
LENGTH OF PROJECT: 1.1 MILES
ADOT DISTRICT: PRESCOTT (P)
DRAWING NUMBER: D-13-T-453

RIGHT OF WAY PLANS OF THE

CORDES JUNCTION - FLAGSTAFF HIGHWAY

McGUIREVILLE T.I.

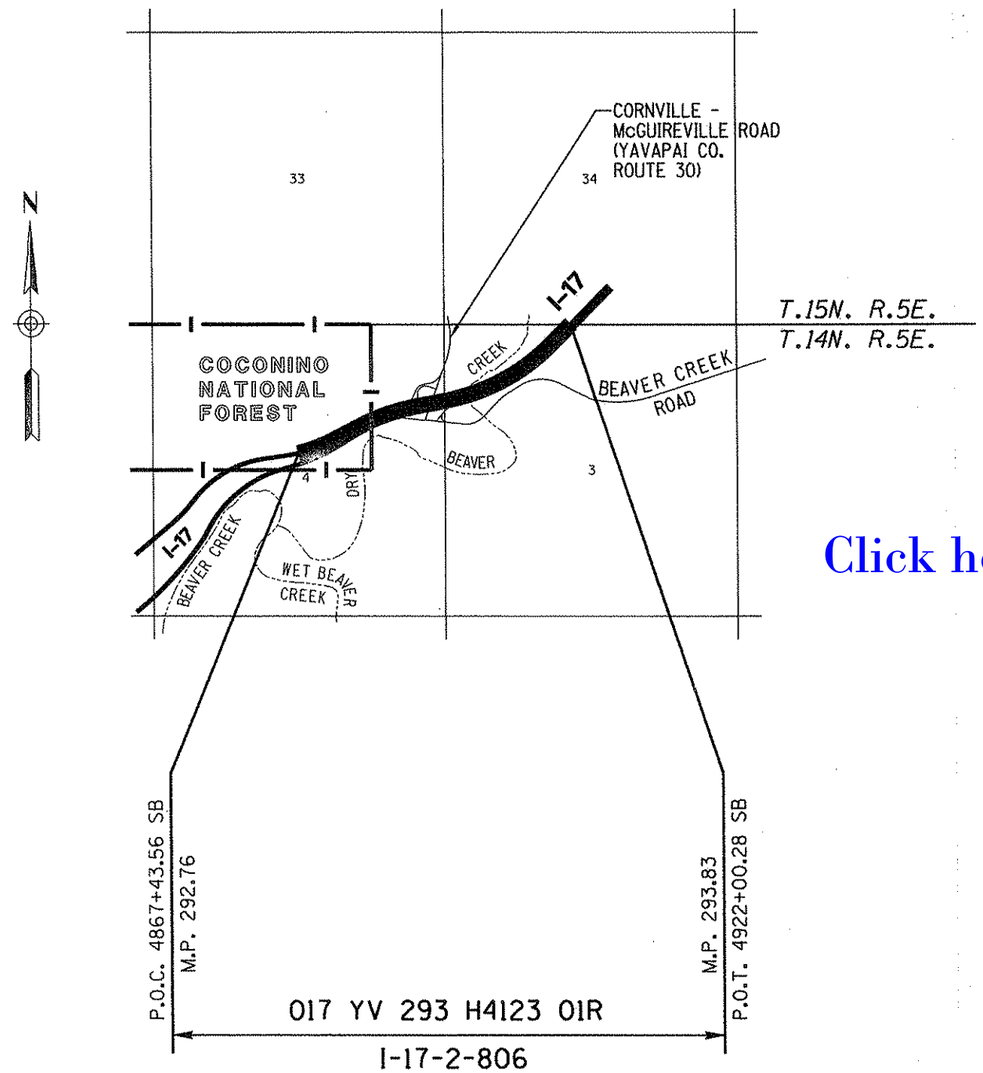
017 YV 293 H4123 01R

I-17-2-806

ARIZONA DEPARTMENT OF TRANSPORTATION

INTERMODAL TRANSPORTATION DIVISION

ADOT



Click here for I 17 Index

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-3
PARCEL INSERT SHEET	PAR-1
RESULTS OF SURVEY	RS-1 TO RS-7
TOTAL SHEETS	15

APPROVED IN ACCORDANCE WITH
ARIZONA DEPARTMENT OF TRANSPORTATION BOARD
RESOLUTION 2008-01-A-001 DATED 1-18-08
RESOLUTION 2008-05-A-021 DATED 5-16-08

017rw293_cvr.dgn

Registered Land Surveyor — Certificate No. 31591 — Joseph O. Falinski — Date Signed 4-25-08 — Arizona, USA — Expires 9/30/2009

RITOCH-POWELL & ASSOCIATES
3838 N. CENTRAL AVE. SUITE 685
PHOENIX, AZ. 85012 (602) 263-1177

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

4-0-3
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 Corner

MP
1
15
Mile Post Marker

Click here for I 17 Index

617-w263_std.dgn

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

DRAWING NO.	D-13-T-453
SURVEY	See Attached
DRAWN/DATE	S. Baldwin/Jan 09
ADOT REVIEW	S. Laing
RITOCH-POWELL & ASSOCIATES 3800 N. CENTRAL AVE., SUITE 605 PHOENIX, AZ. 85012 (602) 263-1177	
ROUTE NO.: I-17	LOCATION: McGuireville T.I.

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

HIGHWAY NAME: CORDES JUNCTION-FLAGSTAFF
FEDERAL AID NO.: I-17-2-806
PROJECT NO.: 017 YV 293 H4123 01R

Registered Land Surveyor — 31591 — JOSEPH D. FALINSKI — ARIZONA, USA — Expires 9/30/2009

SHEET S-1

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
	13-1115	The Estates of Marlon and George Binder	NE4 Sec. 4 T.14N. R.5E.	225,629	143,698	3,674		81,931		P-1 to P-2		
	13-1116	Dwight W. Reeves, et ux	NE4 Sec. 4 T.14N. R.5E.	225,061	169,321	1,286		25,751	29,989	P-2		
(2)	13-1117	USA (Coconino National Forest)	Lot 11 Sec. 4 T.14N. R.5E.			(2) 5,693				P-1		
(1) (2)	13-1119	Selna & Mongini Investments	NW4 Sec. 3 T.14N. R.5E.	(1) 4,850,499	(2) 931,183	(2) 2,312		(2) 1,190,363	2,732,925	P-2 to P-3		
	13-1119-A	Selna & Mongini Investments	NW4 Sec. 3 T.14N. R.5E.				10,501 TCE			P-2		
(2)	13-1327	Flag Car Wash, Inc.	Lot 1 Sec. 4 T.14N. R.5E.	1,816,544	(2) 226,996	(2) 209		(2) 1,589,548		P-2		

ALL AREAS ARE IN SQUARE FEET UNLESS OTHERWISE NOTED

(1) PARCEL ALSO CONTAINS LAND IN SEC. 34, T.15N., R.5E. PER THE TITLE REPORT. TOTAL AREA ONLY REFLECTS PROPERTY OWNERSHIP IN SECTION 3.

(2) R/W AREAS WERE CALCULATED USING CHORDS ACROSS THE EXISTING R/W TO AID IN DESCRIBING THE AREAS MORE CLEARLY.

Click here for I 17 Index

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CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
9713	11-10-08	SB	ADDED TCE TO 13-1119, BETWEEN I-10 AND BEAVER CREEK ROAD

DRAWING NO.	D-13-T-453
SURVEY	See Attached
DRAWN/DATE	S. Baldwin/Jan 08
ADOT REVIEW	D. Casdorph

RITOCH-POWELL & ASSOCIATES
3800 N. CENTRAL AVE. SUITE 605
PHOENIX, AZ. 85012 (602) 263-1177

ROUTE NO.: I-17

LOCATION: McGuireville T.I.

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

HIGHWAY NAME: CORDES JUNCTION-FLAGSTAFF

FEDERAL AID NO.: I-17-2-806

PROJECT NO.: 017 YV 293 H4123 01R

Registered Land Surveyor — Joseph D. Falinski — 31591 — Date Signed 4-28-09 — Arizona, USA

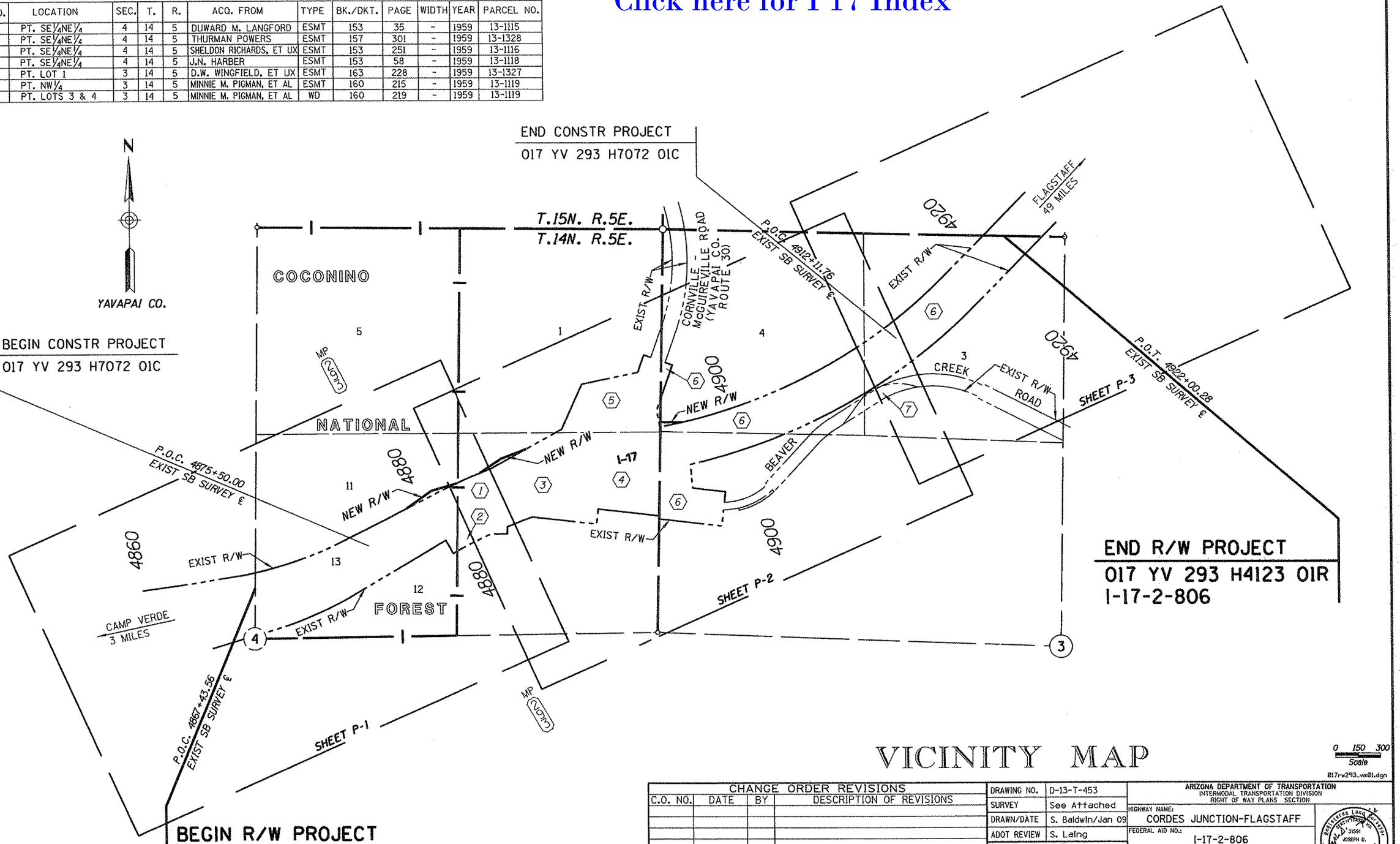
Expires 9/30/2009

SHEET ORS-1

INDEX TO EXISTING ADOT R/W

(#) ID.	LOCATION	SEC.	T.	R.	ACQ. FROM	TYPE	BK./DKT.	PAGE	WIDTH	YEAR	PARCEL NO.
1	PT. SE¼NE¼	4	14	5	DUWARD M. LANGFORD	ESMT	153	35	-	1959	13-1115
2	PT. SE¼NE¼	4	14	5	THURMAN POWERS	ESMT	157	301	-	1959	13-1328
3	PT. SE¼NE¼	4	14	5	SHELDON RICHARDS, ET UX	ESMT	153	251	-	1959	13-1116
4	PT. SE¼NE¼	4	14	5	J.N. HARBER	ESMT	153	58	-	1959	13-1118
5	PT. LOT 1	3	14	5	D.W. WINGFIELD, ET UX	ESMT	163	228	-	1959	13-1327
6	PT. NW¼	3	14	5	MINNIE M. PIGMAN, ET AL	ESMT	160	215	-	1959	13-1119
7	PT. LOTS 3 & 4	3	14	5	MINNIE M. PIGMAN, ET AL	WD	160	219	-	1959	13-1119

Click here for I 17 Index



VICINITY MAP

0 150 300
Scale

817rw293_vm01.dgn

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

DRAWING NO.	D-13-T-453
SURVEY	See Attached
DRAWN/DATE	S. Baldwin/Jan 09
ADOT REVIEW	S. Laing

RITOCH-POWELL & ASSOCIATES
3800 N. CENTRAL AVE., SUITE 605
PHOENIX, AZ. 85012 (602) 265-1177

ROUTE NO.: I-17
LOCATION: McGuireville T.I.

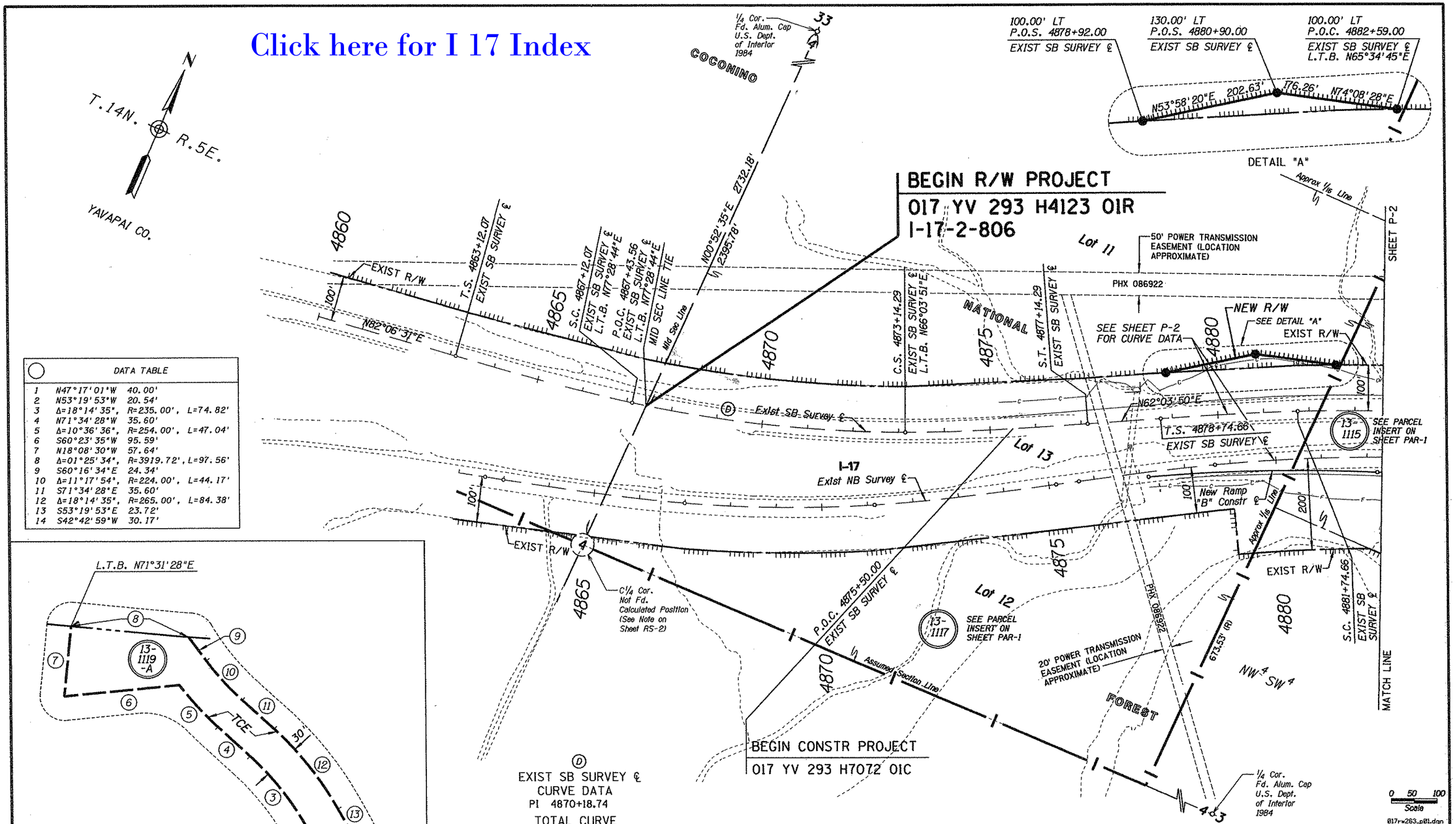
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: CORDES JUNCTION-FLAGSTAFF
FEDERAL AID NO.: I-17-2-806
PROJECT NO.: 017 YV 293 H4123 01R

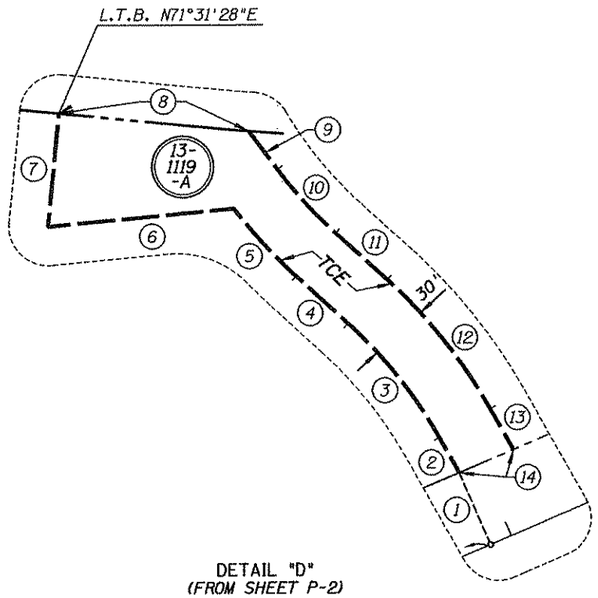
Registered Land Surveyor — Certificate No. 31591 — JOSEPH D. FALINSKI — Date Signed 4-28-09 — ARIZONA, USA — Expires 9/30/2009

SHEET VM-1

Click here for I 17 Index



DATA TABLE		
1	N47°17'01"W	40.00'
2	N53°19'53"W	20.54'
3	Δ=18°14'35",	R=235.00', L=74.82'
4	N71°34'28"W	35.60'
5	Δ=10°36'36",	R=254.00', L=47.04'
6	S60°23'35"W	95.59'
7	N18°08'30"W	57.64'
8	Δ=01°25'34",	R=3919.72', L=97.56'
9	S60°16'34"E	24.34'
10	Δ=11°17'54",	R=224.00', L=44.17'
11	S71°34'28"E	35.60'
12	Δ=18°14'35",	R=265.00', L=84.38'
13	S53°19'53"E	23.72'
14	S42°42'59"W	30.17'



DETAIL "D"
(FROM SHEET P-2)

EXIST SB SURVEY ℄
CURVE DATA
PI 4870+18.74

TOTAL CURVE
Δ=20°02'40" LT
T=706.67'
L=1402.22'

MAIN CURVE
Δ=12°02'40" LT
D=2°00'00"
L=602.22'
R=2864.79'

SPIRAL
a=0.50
Δ=4°00'00"
L=400.00'

SPIRAL
a=0.50
Δ=4°00'00"
L=400.00'

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
9713	11-10-08	SB	ADDED TCE TO 13-1119, BETWEEN I-10 AND BEAVER CREEK ROAD

DRAWING NO.	D-13-T-453
SURVEY	See Attached
DRAWN/DATE	S. Baldwin/Jan 08
ADOT REVIEW	D. Casdorph

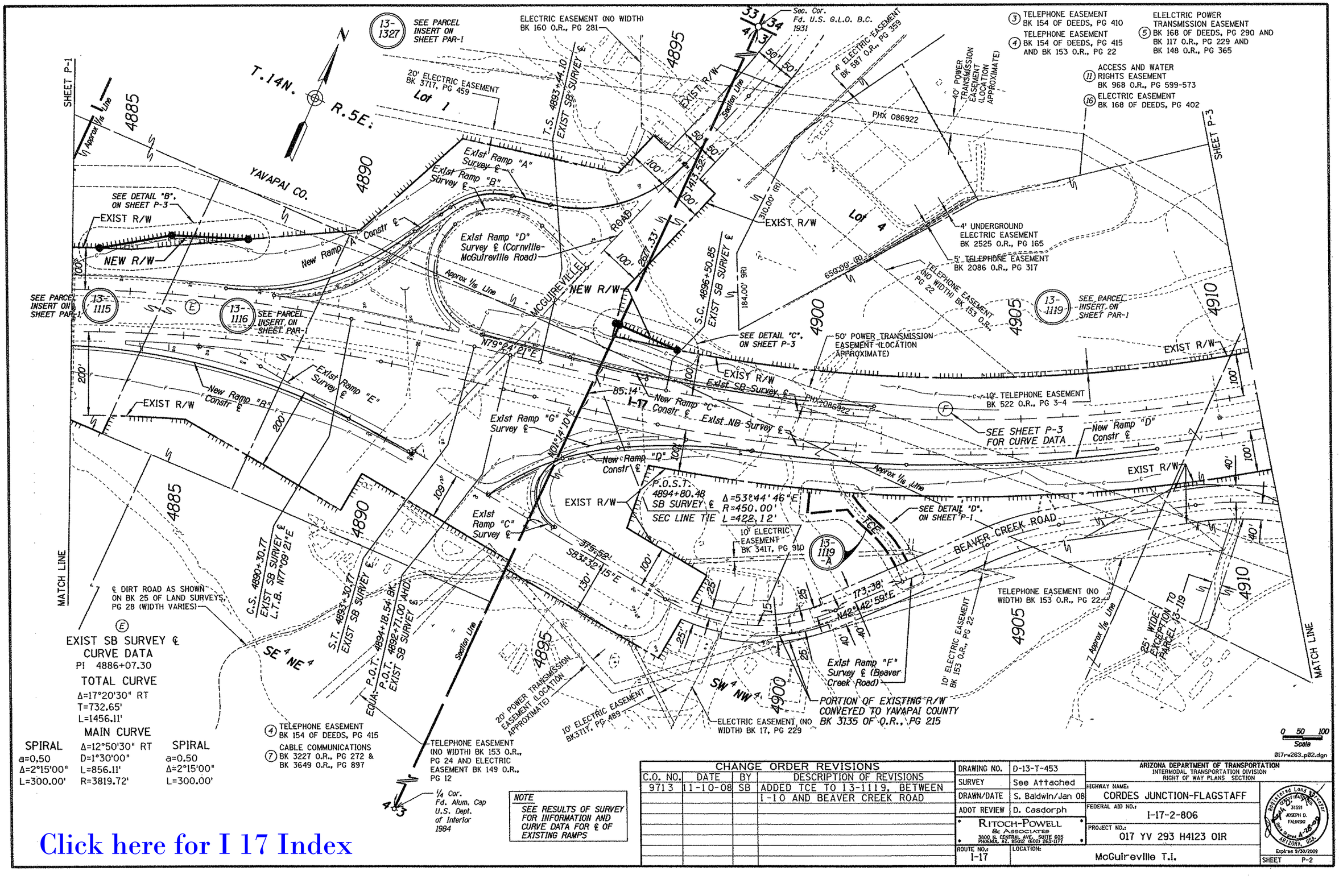
RITOCH-POWELL & ASSOCIATES
3800 N. CENTRAL AVE., SUITE 605
PHOENIX, AZ. 85012 (602) 263-1177

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

HIGHWAY NAME: CORDES JUNCTION-FLAGSTAFF
FEDERAL AID NO.: I-17-2-806
PROJECT NO.: 017 YV 293 H4123 01R
ROUTE NO.: I-17
LOCATION: McGuireville T.I.

Registered Land Surveyor
CERTIFICATE NO. 31591
JOSEPH D. FALINSKI
Date Signed 4-28-09
ARIZONA, USA
Expires 9/30/2009

SHEET P-1



CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
9713	11-10-08	SB	ADDED TCE TO 13-1119, BETWEEN I-10 AND BEAVER CREEK ROAD

DRAWING NO.	D-13-T-453
SURVEY	See Attached
DRAWN/DATE	S. Baldwin/Jan 08
ADOT REVIEW	D. Casdorph
RITOCH-POWELL & ASSOCIATES 3800 N. CENTRAL AVE., SUITE 605 PHOENIX, AZ. 85012 (602) 263-1177	
ROUTE NO.: I-17	LOCATION: McGuireville T.I.

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

HIGHWAY NAME: CORDES JUNCTION-FLAGSTAFF
FEDERAL AID NO.: I-17-2-806
PROJECT NO.: 017 YV 293 H4123 01R
Registered Land Surveyor CERTIFICATE NO. 31591 JOSEPH D. FALVESO ARIZONA, USA. Expires 9/30/2009
SHEET P-2

Click here for I 17 Index

END CONSTR PROJECT

017 YV 293 H7072 01C

END R/W PROJECT

017 YV 293 H4123 01R

I-17-2-806

Click here for I 17 Index

Sec. Cor. Fd. U.S. G.L.O. B.C. 1931

③ TELEPHONE EASEMENT BK 154 OF DEEDS, PG 410

④ TELEPHONE EASEMENT BK 154 OF DEEDS, PG 415 AND BK 153 O.R., PG 22

⑤ ELECTRIC POWER TRANSMISSION EASEMENT BK 168 OF DEEDS, PG 290 AND BK 117 O.R., PG 229 AND BK 148 O.R., PG 365

⑪ ACCESS AND WATER RIGHTS EASEMENT BK 968 O.R., PG 599-573

⑯ ELECTRIC EASEMENT BK 168 OF DEEDS, PG 402

T.15N. R.5E. / T.14N. R.5E.

S88°42'01"E 2668.16' Township Line

Approx 1/16 Line

Lot 4

Lot 3

SHEET P-2

EXIST SB SURVEY ℄ P.O.C. 4912+11.76

EXIST SB SURVEY ℄ C.S. 4916+24.31

EXIST SB SURVEY ℄ S.T. 4919+31.06

P.O.T. SB SURVEY ℄ SEC LINE TIE 4922+00.28

EXIST R/W

100'

Exist SB Survey ℄

Exist NB Survey ℄

N44°26'01"E 404.28'

1/4 Cor. Fd. "X" on Stone Monument

I-17

PHX 086922

SEE PARCEL INSERT ON SHEET PAR-1 (13-1119)

20' COUNTY ROAD EASEMENT BK 882 O.R., PG 526-528

40' POWER TRANSMISSION EASEMENT LOCATION APPROXIMATED

BEAVER CREEK ROAD

Exist Ramp "F" Survey ℄ (Beaver Creek Road)

40'

50'

50' POWER TRANSMISSION EASEMENT LOCATION APPROXIMATED

MATCH LINE

4915

4920

4925

N00°59'59"E 2716.48' Mid Sec Line

C1/4 Cor. Fd. P. & M. 1" O.D. Pipe A.D.O.T. 2000

NOTE

SEE RESULTS OF SURVEY FOR INFORMATION AND CURVE DATA FOR ℄ OF EXISTING RAMPS

N

T.14N. R.5E.

YAVAPAI CO.

Ⓕ EXIST SB SURVEY ℄ CURVE DATA

PI 4906+74.68

TOTAL CURVE

Δ=34°58'20" LT

T=1330.57'

L=2596.96'

MAIN CURVE

SPIRAL	Δ=30°16'03" LT	SPIRAL
a=0.50	D=1°32'01"	a=0.50
Δ=2°21'08"	L=1973.46'	Δ=2°21'08"
L=306.75'	R=3735.72'	L=306.75'

100.00' LT P.O.C. 4884+24.00 EXIST SB SURVEY ℄ L.T.B. N68°03'15"E

140.00' LT P.O.C. 4885+89.00 EXIST SB SURVEY ℄

N56°04'01"E 174.81'

N69°04'30"E 184.50'

13-1115

13-1116

148.97' LT P.O.C. 4887+66.58 EXIST SB SURVEY ℄ L.T.B. N73°11'34"E

DETAIL "B" (FROM SHEET P-2)

Sec. Cor. Fd. U.S. G.L.O. B.C. 1931

13-1327

S01°14'10"W 1279.82'

13-1119

130.21' LT P.O.S. 4895+09.45 EXIST SB SURVEY ℄

9.86'

100.00' LT P.O.C. 4896+58.74 EXIST SB SURVEY ℄

N89°37'56"E 148.84'

132.07' LT P.O.S. 4894+99.58 EXIST SB SURVEY ℄

DETAIL "C" (FROM SHEET P-2)

0 50 100 Scale

017rw263_p03.dgn

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

DRAWING NO.	D-13-T-453
SURVEY	See Attached
DRAWN/DATE	S. Baldwin/Jan 09
ADOT REVIEW	S. Laing

RITOCH-POWELL & ASSOCIATES
3800 N. CENTRAL AVE. SUITE 605 PHOENIX, AZ. 85012 (602) 263-1177

ROUTE NO.: I-17

LOCATION: McGuireville T.I.

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

HIGHWAY NAME: CORDES JUNCTION-FLAGSTAFF

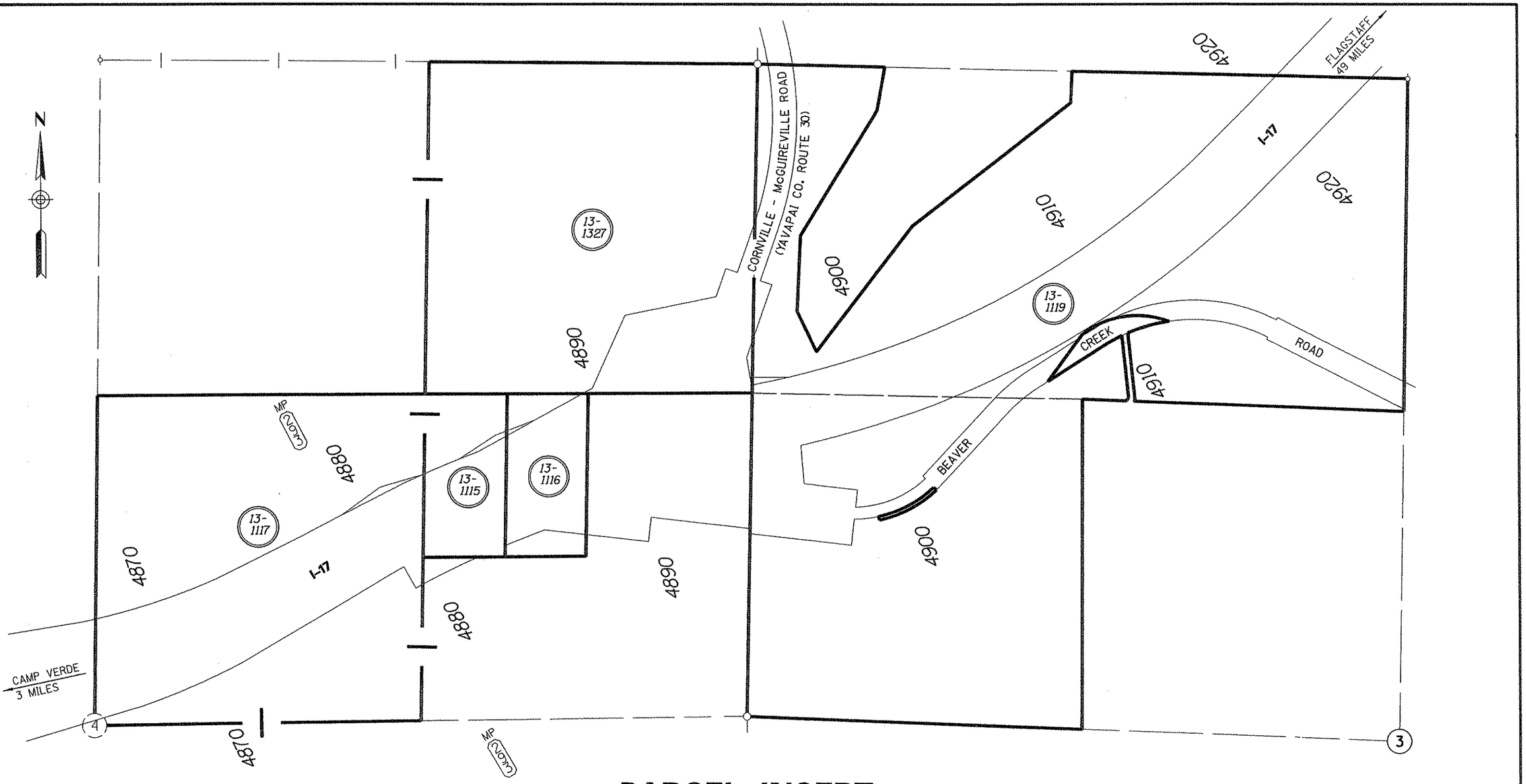
FEDERAL AID NO.: I-17-2-806

PROJECT NO.: 017 YV 293 H4123 01R

Registered Land Surveyor JOSEPH D. FAUNSO 31591 Date Signed 4-28-09 ARIZONA, USA

Expires 9/30/2009

SHEET P-3



PARCEL INSERT

Click here for I 17 Index

0 100 200
Scale

017rw293_par01.dgn

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

DRAWING NO.	D-13-T-453
SURVEY	See Attached
DRAWN/DATE	S. Baldwin/Jan 09
ADOT REVIEW	S. Laing

RITOCH-POWELL & ASSOCIATES
3800 N. CENTRAL AVE. SUITE 605
PHOENIX, AZ. 85012 (602) 265-1177

ROUTE NO.: I-17
LOCATION: McGuireville T.I.

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

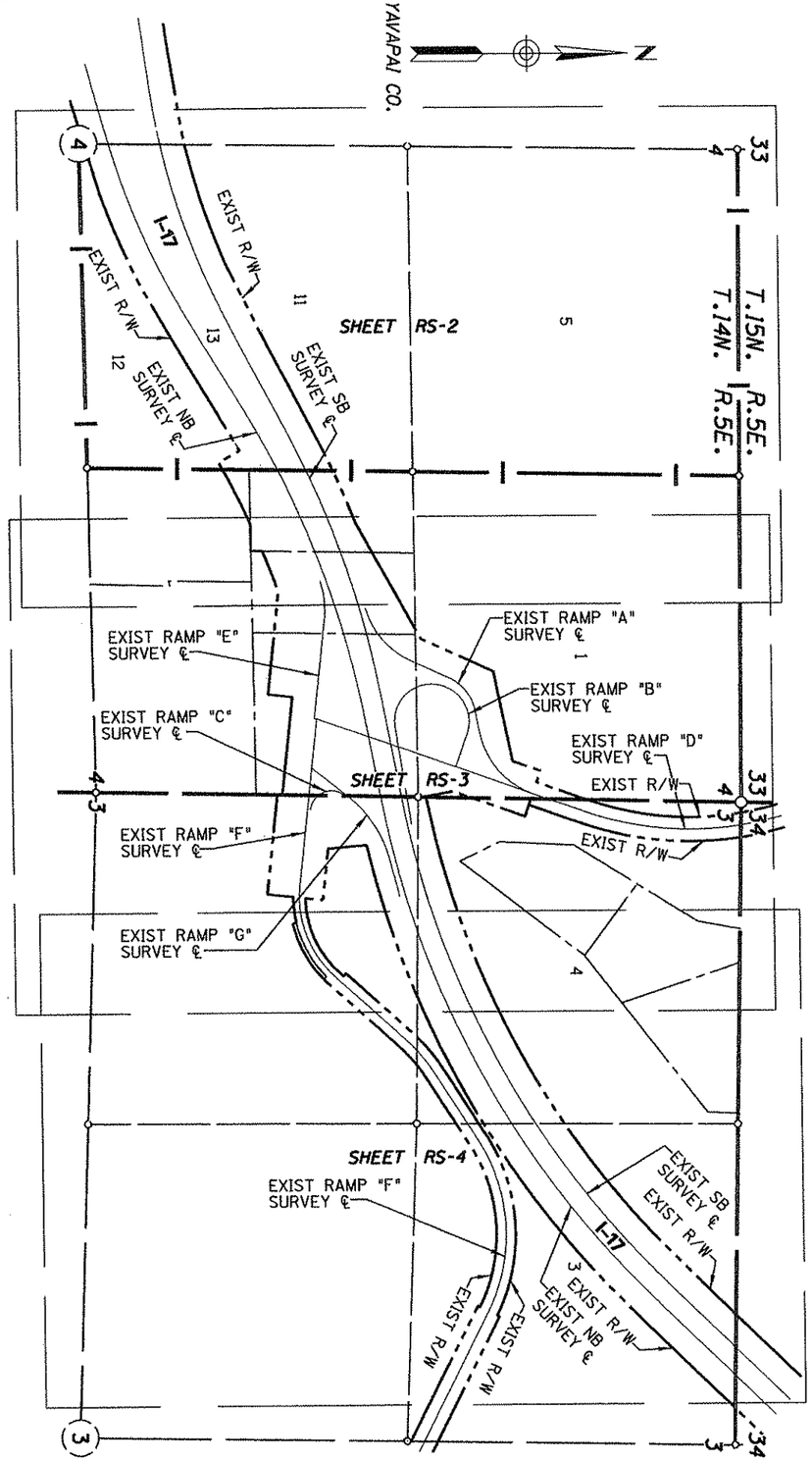
HIGHWAY NAME: CORDES JUNCTION-FLAGSTAFF
FEDERAL AID NO.: I-17-2-806
PROJECT NO.: 017 YV 293 H4123 01R

Registered Land Surveyor
31591
JOSEPH D. FALINSKI
ARIZONA, USA
Expires 9/30/2009

SHEET PAR-1

RESULTS OF SURVEY

PART OF THE NW4 SECTION 3 AND
PART OF THE NE4 SECTION 4, T.14N. R.5E.
GILA AND SALT RIVER MERIDIAN,
YAVAPAI COUNTY, ARIZONA



1. THE COORDINATE LOCATIONS FOR FOUND SURVEY MONUMENTS ARE SHOWN FOR THIS SURVEY AT THE REQUEST OF THE A.D.O.T. RIGHT OF WAY DEPARTMENT. THE MONUMENTS SHOWN MAY OR MAY NOT HAVE BEEN USED AS THE POSITION FOR LOT OR ALIQUOT PART CORNERS. THEREFORE, THE MONUMENT POSITIONS ARE NOT INTENDED TO REPRESENT LOT OR PARCEL CORNER POSITIONS AND SHOULD NOT BE USED AS REPRESENTED TO BE PARCEL OR LOT CORNERS.
2. AS A NOTE TO THE ARIZONA DEPARTMENT OF TRANSPORTATION, AS CONSTRUCTION IS STARTED AND COMPLETED, IT WOULD SEEM FIT AND REASONABLE THAT ANY MONUMENTS WHICH WILL BE DISTURBED SHOULD BE INDEPENDENTLY REFERENCED AND REPLACED IN ORDER TO PERPETUATE LAND SURVEY MONUMENTS IDENTIFIED ON THIS SURVEY. SUCH MONUMENTS MAY CONTROL OWNERSHIP LINES OUTSIDE OF THE EXISTING AND NEW RIGHT OF WAY AND ARE CURRENTLY USED TO IDENTIFY OWNERSHIP LINES, WHICH IF REMOVED, COULD BE LOST BY THE CURRENT OWNERSHIPS.
3. THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF AN A.D.O.T. EXISTING RIGHT OF WAY TITLE REPORT. THE EXISTING RIGHT OF WAY HAS BEEN DETERMINED ON THE BEST AVAILABLE EXISTING RIGHT OF WAY MAPS AND THE EXISTING MONUMENTS FOUND IN THE FIELD.
4. EVERY EFFORT HAS BEEN ATTEMPTED TO FIND MONUMENTS SET BY THE GENERAL LAND OFFICE (G.L.O.) AND THE BUREAU OF LAND MANAGEMENT (B.L.M.) WHICH WOULD CONTROL SECTION LINE IDENTIFICATION NEEDED FOR THIS SURVEY. THE SE AND SW CORNERS OF G.L.O. LOT 1 IN SECTION 4 WERE NOT FOUND DURING THIS SURVEY AND WERE CALCULATED USING B.L.M. DEPENDENT RESURVEY, DATED ARRIL 1, 1991.
5. THE PURPOSE OF THIS SURVEY IS TO DETERMINE THE LOCATION OF THE EXISTING A.D.O.T. RIGHT OF WAY LINES FOR INTERSTATE 17 AT THE McGUIREVILLE INTERCHANGE. THE RIGHT OF WAY SURVEY WAS BASED UPON THE FOLLOWING MAPS AND INSTRUMENTS:
   A. YAVAPAI COUNTY RECORDERS
      BOOK 25 OF LAND SURVEYS, PAGE 27
      BOOK 25 OF LAND SURVEYS, PAGE 28
      BOOK 9 OF LAND SURVEYS, PAGE 9
      YAVAPAI COUNTY BOOK 12 OF MAPS & PLATS, PAGE 6
   B. GENERAL LAND OFFICE AND BUREAU OF LAND MANAGEMENT SECTION 3 AND 4 FIELD NOTES AND PLAT MAPS.
   C. ARIZONA DEPARTMENT OF TRANSPORTATION, RIGHT OF WAY DEPARTMENT MAPS:
      MAP 13-T-341 DATED 1966
      PROJECT I-17-2(15)
6. BASIS OF BEARING IS GRID NORTH DETERMINED FROM U.S.C & G.S MONUMENT "MCGUIREVILLE" HAVING GROUND COORDINATES N=1325351.138, E=730593.937, USING GLOBAL POSITIONING SYSTEM EQUIPTMENT AND VERIFIED TO MULTIPLE SECTION MONUMENTS, POINTS 4, 5, AND 6, SHOWN ON THIS SURVEY.
7. A CALCULATION BOOK WITH CLOSURES AND POINT NUMBER ASSIGNMENTS HAS BEEN COMPLETED AS PART OF THIS RESULTS OF SURVEY AND IS ON FILE WITH A.D.O.T. RIGHT OF WAY DEPARTMENT.
8. THE BASIS OF STATIONING FOR THIS SURVEY ARE NORTHBOUND S.T. STA. 4862+58.06 AND SOUTHBOUND S.T. STA. 4862+54.08. THE EXISTING ALIGNMENTS WERE PROVIDED BY ARIZONA DEPARTMENT OF TRANSPORTATION, RIGHT OF WAY DEPARTMENT IN FILE NO. 017YV293.RPT.

COORDINATE NOTE

All Coordinates Listed are 1983 (Modified 1992) Arizona State Plane Ground Coordinates, Arizona Central Zone, Standard Transverse Mercator Projection, with a scale origin of 0.000, 0.000, Using a Grid Adjustment Factor of 1.00026070. These Coordinates Can be Utilized as Ground Datum. To Convert Back to Grid Coordinates Divide these Values by 1.00026070.

Units=International Feet= 1 Foot =0.3048 Meters Exactly

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.

CERTIFICATION

This Is to Certify that this Map and the Survey on Which It Is Based were Made In Accordance With the "Minimum Standards for Arizona Land Boundary Surveys" Adopted on Feb. 13, 2002. And that the Survey Shown Hereon Is True and Correct to the Best of My Knowledge and Belief And was Surveyed and Drawn Under My Direction In the Months of April, May and June, 2002.

Joseph Fallnski

Joseph Fallnski, R.L.S. 31591

Click here for I 17 Index

0 150 300
Scale

017RW293.SURVEY01

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

DRAWING NO.	D-13-T-453
SURVEY	APRIL-JUNE 02
DRAWN/DATE	S. Baldwin/Jan 09
ADOT REVIEW	S. Laing

RITOCH-POWELL & ASSOCIATES
3600 N. CENTRAL AVE. SUITE 605
PHOENIX, AZ. 85012 (602) 265-1177

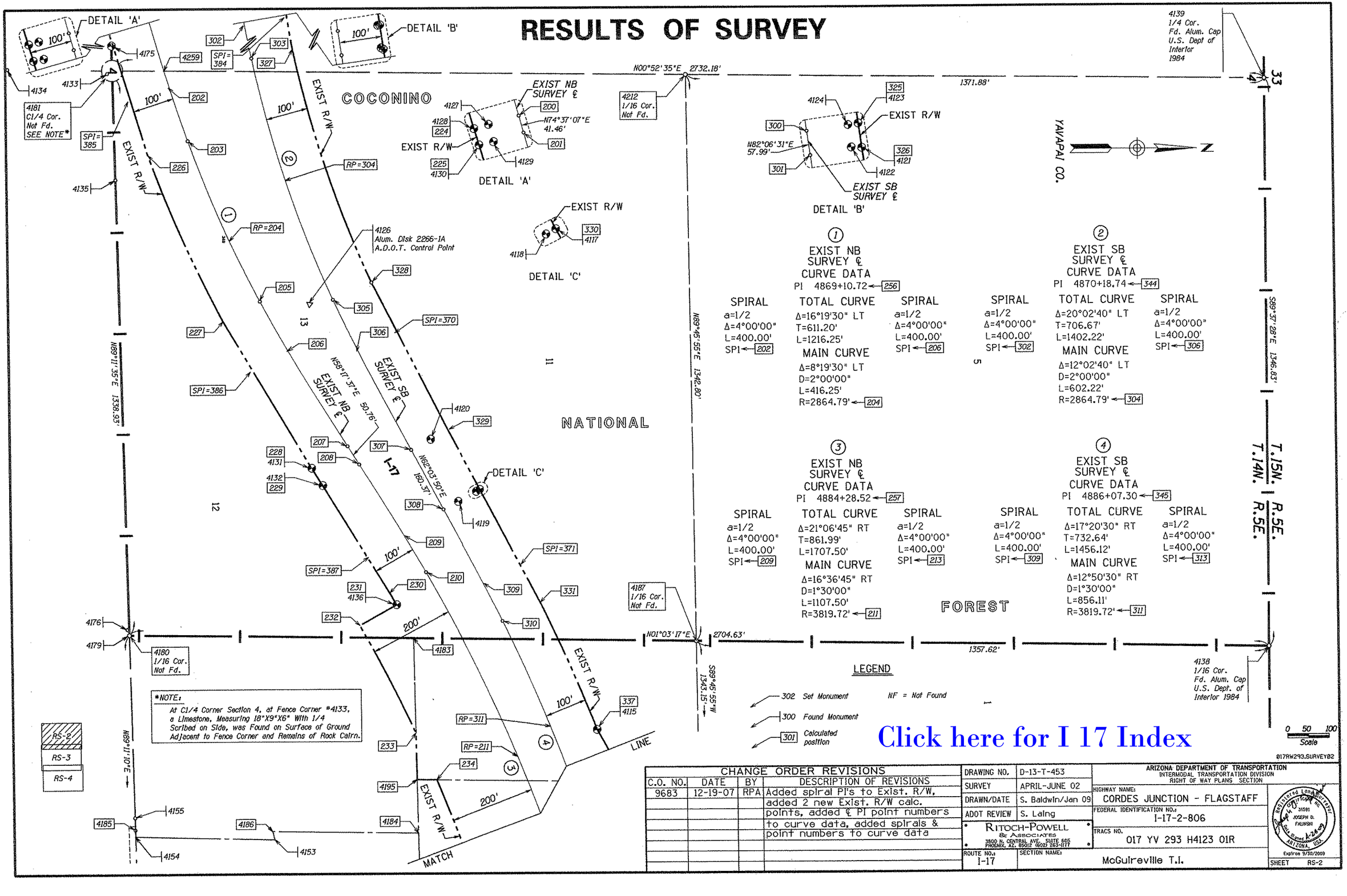
ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: CORDES JUNCTION - FLAGSTAFF
FEDERAL IDENTIFICATION NO.: I-17-2-806
TRACS NO. 017 YV 293 H4123 01R
ROUTE NO.: I-17
SECTION NAME: McGuireville T.I.

Registered Land Surveyor — 31591 — JOSEPH D. FALINSKI — ARIZONA, USA — Expires 9/30/2009

SHEET RS-1

RESULTS OF SURVEY



*NOTE:
At C1/4 Corner Section 4, at Fence Corner #4133, a Limestone, Measuring 18"X9"X6" With 1/4 Scribed on Side, was Found on Surface of Ground Adjacent to Fence Corner and Remains of Rock Cairn.

① EXIST NB SURVEY ℄ CURVE DATA
PI 4869+10.72 ← 256

SPIRAL	TOTAL CURVE	SPIRAL
a=1/2	Δ=16°19'30" LT	a=1/2
Δ=4°00'00"	T=611.20'	Δ=4°00'00"
L=400.00'	L=1216.25'	L=400.00'
SPI ← 202	MAIN CURVE	SPI ← 206
	Δ=8°19'30" LT	
	D=2°00'00"	
	L=416.25'	
	R=2864.79' ← 204	

② EXIST SB SURVEY ℄ CURVE DATA
PI 4870+18.74 ← 344

SPIRAL	TOTAL CURVE	SPIRAL
a=1/2	Δ=20°02'40" LT	a=1/2
Δ=4°00'00"	T=706.67'	Δ=4°00'00"
L=400.00'	L=1402.22'	L=400.00'
SPI ← 302	MAIN CURVE	SPI ← 306
	Δ=12°02'40" LT	
	D=2°00'00"	
	L=602.22'	
	R=2864.79' ← 304	

③ EXIST NB SURVEY ℄ CURVE DATA
PI 4884+28.52 ← 257

SPIRAL	TOTAL CURVE	SPIRAL
a=1/2	Δ=21°06'45" RT	a=1/2
Δ=4°00'00"	T=861.99'	Δ=4°00'00"
L=400.00'	L=1707.50'	L=400.00'
SPI ← 209	MAIN CURVE	SPI ← 213
	Δ=16°36'45" RT	
	D=1°30'00"	
	L=1107.50'	
	R=3819.72' ← 211	

④ EXIST SB SURVEY ℄ CURVE DATA
PI 4886+07.30 ← 345

SPIRAL	TOTAL CURVE	SPIRAL
a=1/2	Δ=17°20'30" RT	a=1/2
Δ=4°00'00"	T=732.64'	Δ=4°00'00"
L=400.00'	L=1456.12'	L=400.00'
SPI ← 309	MAIN CURVE	SPI ← 313
	Δ=12°50'30" RT	
	D=1°30'00"	
	L=856.11'	
	R=3819.72' ← 311	

LEGEND
302 Set Monument
300 Found Monument
301 Calculated position
NF = Not Found

Click here for I 17 Index

0 50 100 Scale

Ø17RW293.SURVEY02

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
9683	12-19-07	RPA	Added spiral PI's to Exist. R/W, added 2 new Exist. R/W calc. points, added ℄ PI point numbers to curve data, added spirals & point numbers to curve data

DRAWING NO.	D-13-T-453
SURVEY	APRIL-JUNE 02
DRAWN/DATE	S. Baldwin/Jan 09
ADOT REVIEW	S. Laing
RITOCH-POWELL & ASSOCIATES 3800 N. CENTRAL AVE. SUITE 605 PHOENIX, AZ. 85012 (602) 263-1177	
ROUTE NO.: I-17	SECTION NAME: McGuireville T.I.

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

HIGHWAY NAME: CORDES JUNCTION - FLAGSTAFF
FEDERAL IDENTIFICATION NO.: I-17-2-806
TRACS NO. 017 YV 293 H4123 01R

Registered Land Surveyor — JOSEPH D. FAJNSN — 31501 — ARIZONA, U.S.A. — Expires 9/30/2009

SHEET RS-2

RESULTS OF SURVEY

Click here for I 17 Index

YAVAPAI CO.

T.15N. R.5E.
T.15N. R.4E.

← N89°38'27"W 1347.17'

EXIST RAMP "E" SURVEY ℄
DETAIL 'A'
EXIST RAMP "D" SURVEY ℄
EXIST RAMP "F" SURVEY ℄
DETAIL 'B'
EXIST RAMP "A" SURVEY ℄
DETAIL 'C'
EXIST RAMP "C" SURVEY ℄
DETAIL 'D'
EXIST RAMP "G" SURVEY ℄
DETAIL 'E'

S89°11'10"W 1339.30'

15' INGRESS-EGRESS EASEMENT BK 2278, PG 826

S01°13'50"W 2551.04'

4 Sec. Cor. Fd. B.L.M. B.C. 1964

4152 1/4 Cor. Fd. Alum. Cap U.S. Dept. of Interior 1984

S89°15'56"E 1378.05'

2678.79'

S89°45'55"W 1343.15'

EXIST R/W

SEE SHEET RS-2 FOR CURVE DATA

MATCH LINE

EXIST R/W

200'

DETAIL 'A'

MATCH

DETAIL 'C'

S83°33'45"E 414.33'

EXIST RAMP "E" SURVEY ℄

EXIST NB SURVEY ℄

EXIST SB SURVEY ℄

DETAIL 'B'

EQUA: P.O.T. 4894+18.54 BK.
P.O.T. 4892+71.00 AHD.

109'

EXIST RAMP "C" SURVEY ℄

N38°39'47"E 184.05'

S81°04'06"W 405.87'

N19°25'53"E 953.63'

S70°35'15"E 146.01'

N24°25'55"E 169.11'

N78°55'54"E 93.39'

EXIST RAMP "A" SURVEY ℄

EXIST RAMP "B" SURVEY ℄

EXIST RAMP "D" SURVEY ℄

N01°14'10"E 2677.33'

1343.76'

(CORNVILLE - McGUIREVILLE ROAD YAVAPAI CO. ROUTE 30)

EXIST R/W

EXIST R/W

5 Sec. Cor. Fd. U.S. G.L.O. B.C. 1931

1 U.S.C. & G.S. B.C. McGuireville

S88°41'55"E 1334.73'

I-17

DETAIL 'E'
DETAIL 'D'

S83°32'15"E 693.07'

EXIST RAMP "F" SURVEY ℄

N88°58'31"W 1356.13'

N75°20'57"E 159.95'

EXIST RAMP "G" SURVEY ℄

EXIST R/W

EXIST R/W

EXIST R/W

SEE SHEET RS-5 FOR CURVE DATA

LINE

MATCH

4200 4199 4201 4174 4198 4178

4

1 N79°24'21"E 87.77'
2 N79°24'21"E 73.10'
3 N79°24'20"E 75.54'

1 THROUGH 10
SEE SHEET RS-5 FOR CURVE DATA

0 50 100
Scale

017RW293.SURVEY03

LEGEND

302 Set Monument NF = Not Found
300 Found Monument
301 Calculated position

RS-2
RS-3
RS-4

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
9683	12-19-07	RPA	Added spiral PI's to Exist. R/W, added 2 new Exist. R/W calc. points, added ℄ PI point numbers to curve data, added spirals & point numbers to curve data

DRAWING NO.	D-13-T-453
SURVEY	APRIL-JUNE 02
DRAWN/DATE	S. Baldwin/Jan 09
ADOT REVIEW	S. Laing
RITOCH-POWELL & ASSOCIATES 3800 N. CENTRAL AVE. SUITE 605 PHOENIX, AZ. 85012 (602) 263-1177	
ROUTE NO.: I-17	SECTION NAME: McGuireville T.I.

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

HIGHWAY NAME: CORDES JUNCTION - FLAGSTAFF
FEDERAL IDENTIFICATION NO.: I-17-2-806
TRACS NO. 017 YV 293 H4123 01R

Registered Land Surveyor Certificate No. 31591 JOSEPH D. FALINSKI ARIZONA U.S.A. Expires 9/30/2009

SHEET RS-3

RESULTS OF SURVEY

RS-2
RS-3
RS-4

Click here for I 17 Index

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
9683	12-19-07	RPA	Added spiral PI's to Exist. R/W, added 2 new Exist. R/W calc. points & added ℄ PI point numbers

DRAWING NO.	D-13-T-453
SURVEY	APRIL-JUNE 02
DRAWN/DATE	S. Baldwin/Jan 09
ADOT REVIEW	S. Laing

RITOCH-POWELL & ASSOCIATES
3800 N. CENTRAL AVE. SUITE 605
PHOENIX, AZ. 85012 (602) 263-1177

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

HIGHWAY NAME: CORDES JUNCTION - FLAGSTAFF
FEDERAL IDENTIFICATION NO.: I-17-2-806
TRACS NO. 017 YV 293 H4123 01R
ROUTE NO.: I-17
SECTION NAME: McGuireville T.I.

Registered Land Surveyor, Certificate No. 31591, JOSEPH D. FALINSKI, Date Signed 4-28-09, ARIZONA, USA, Expires 9/30/2009

SHEET RS-4

RESULTS OF SURVEY

MISCELLANEOUS MONUMENTATION			
PT.	NORTHING	EASTING	DESCRIPTION
1	1325351.13797	730593.93734	USC & GS BC - MCGUIREVILLE
9	1323708.94647	730739.56813	PK NAIL AT EXPRESS FUELS - ADOT
4112	1324387.31998	730360.73268	REBAR
4125	1325035.29642	731022.19295	REBAR W/CAP LS 14184
4126	1323439. 06500	728209. 49600	ALUM DISK 2266-1A ADOT
4133	1322979.38396	727653.40872	OLD TREEPOST FENCELINE COR
4134	1322729.87200	727648.60221	OLD TREEPOST FENCELINE N-S
4135	1322983.36444	727911.62168	OLD TREEPOST FENCELINE E-W
4141	1325679.46495	731053.49327	3/4" ID PIPE
4151	1323011.27960	729879.93699	REBAR W/CAP LS14184
4153	1323336.16295	729479.90320	REBAR W/CAP LS19853
4154	1323005.30503	729470.27451	REBAR W/CAP LS19853
4155	1323004.86075	729425.20333	REBAR W/CAP LS14184
4160	1324305.13179	731883.98570	REBAR W/CAP LS14184
4172	1324326. 56400	731716. 19000	REBAR W/CAP LS14184
4174	1325257.45192	730724.48571	REBAR W/CAP JJA19853
4175	1322978.77030	727594.54118	REBAR W/CAP LS31017
4176	1322994.05174	728978.90785	TOP OF FENCEPOST 30" DOWN
4178	1325371.71100	730796.78794	REBAR W/CAP JJA19853
4179	1322996.64373	728992.07216	TOP OF FENCEPOST 2' DOWN

SECTION MONUMENTATION			
PT.	NORTHING	EASTING	DESCRIPTION
4	1320467.09635	730276.71852	BLM BC
5	1325694.25800	730389.26696	USGLO BC
6	1322917.74815	733009.34141	1" OD PIPE
4138	1325702.70035	729042.12506	ALUM CAP
4139	1325711.53051	727695.32862	ALUM CAP
4140	1325663.94221	731723.64834	3/4" ID PIPE
4152	1323017.55128	730331.50661	ALUM CAP
4158	1325633.80969	733056.73982	X ON STONE MON
4159	1324270.67090	733033.34455	REBAR W/CAP LS14184
4172	1324326.56395	731716.19004	REBAR W/CAP LS14184

EXISTING R/W MONUMENTATION					
PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
4103	1324794.97286	730442.93913	AHD BC POT 9+53.63 LINE D	9+54.02	99.48' RT
4104	1324811.58036	730395.80080	AHD BC POT 9+53.68	9+54.06	49.50' RT
4105	1324845.04145	730299.33968	ANGLE IRON	9+53.58	52.60' LT
4106	1324861.14478	730254.24457	AHD BC 9+53.63	9+53.88	100.49' LT
4107	1324745.07567	730213.41306	AHD BC POST A LINE D 7+30	8+30.72	100.38' LT
4108	1324494.53158	730336.95583	AHD BC POT LINE D 6+30	6+35.55	99.48' RT
4109	1324383.49388	730357.40567	AHD BC 4895+00 1961	4894+99.02	100.40' LT
4110	1324383.51047	730360.71923	REBAR W/CAP LS14184	4895+09.45	130.21' LT
4111	1324413.48842	730501.37036	REBAR W/CAP LS14184	4896+49.10	99.90' LT
4113	1324668.16949	729841.10338	AHD BC P I 5+69.26	5+57.77	140.52' LT
4114	1324369.66387	729705.80304	AHD BC PT 2+93.46	2+93.11	100.02' LT
4115	1324105.47535	729225.39017	AHD BC 4885+00	4884+95.77	99.61' LT
4117	1323836.45362	728652.41165	AHD BC TS 4878+74.65 1961	4878+74.58	99.62' LT
4118	1323828.16345	728656.93420	5/8"REBAR W/ALUM TAG RP 90'LT TS 4878+74.66	4878+74.70	90.17' LT
4119	1323783.87305	728680.38322	5/8"REBAR W/ALUM TAG RP 40'LT TS 4878+74.66	4878+74.66	40.06' LT
4120	1323720.39137	728532.45251	5/8"REBAR W/ALUM TAG RP 53.24'LT ST 4877+14.29	4877+14.23	53.28' LT
4121	1323343.98234	727219.54508	AHD BC 1961 TS 4863+12.06	4863+12.12	99.65' LT
4122	1323338.67415	727215.83276	5/8"REBAR W/ALUM TAG RP 95'LT TS 4863+12.07	4863+07.71	94.90' LT
4123	1323336.25599	727161.96659	AHD BC 1961 ST 4862+54.08	4862+54.08	99.90' LT
4124	1323331.38773	727162.76691	RR SPIKE RP 95'LT POT 4862+54.08	4862+54.15	94.97' LT
4127	1322956.62032	727418.13068	5/8"REBAR W/ALUM TAG RP 75'RT POT 4862+58.06	4862+58.04	74.75' RT
4128	1322932.48672	727424.58629	AHD BC 1961 ST 4862+58.06	4862+57.86	99.73' RT
4129	1322967.96848	727459.07576	5/8"REBAR W/ALUM TAG RP 75'RT TS 4862+99.52	4863+00.52	74.67' RT
4130	1322943.11381	727463.58417	AHD BC 1961 TS 4862+98.46	4862+98.28	99.83' RT
4131	1323437.80491	728598.78405	AHD BC 1961 ST 4875+14.71	4875+14.50	99.42' RT
4132	1323463.33178	728640.28415	AHD BC 1961 TS 4875+63.50	4875+63.23	99.52' RT
4136	1323633.04577	728925.20242	AHD BC 1961 4879+00	4878+99.67	99.62' RT
4142	1323788.07362	730388.19667	AHD BC 1961 LINE F 2+20	3+67.74	109.01' RT
4144	1323977.99835	730572.34909	AHD BC 1961 UNMARKED	5+29.35	100.43' LT
4145	1324135.21247	730559.35459	AHD BC 4896+47.49	4896+46.71	100.81' RT
4146	1323918.00680	730032.78260	5/8"REBAR RP POT 20'RT LINE F	-0+00.04	19.91' RT
4148	1323738.66676	729932.18524	AHD BC 1961 LINE E POT 5+00	4+92.81	199.57' RT
4156	1324273.22909	731410.61583	AHD BC 1967 PC 3+04.20	3+04.12	40.03' RT
4157	1324329.75017	731353.89854	AHD BC 1967 PC 3+04.20	3+04.27	40.04' LT
4162	1325319.07208	732592.89874	AHD BC ST 4919+78.97 NB	4919+78.28	99.33' RT
4163	1325520.58283	732392.28740	AHD BC ST 4919+31.08 SB	4919+30.66	100.19' LT
4164	1324450.13323	731505.02745	AHD BC 1967 4+88.72	4+88.88	40.26' LT
4165	1324615.93847	731768.98727	AHD BC UNMARKED	8+00.41	39.41' LT
4166	1324570.17735	732471.38431	AHD BC 1967 15+36.81	15+37.07	50.04' RT
4167	1324579.17444	732475.88766	AHD BC 1967 15+36.81	15+37.04	39.98' RT
4168	1324585.05049	732478.97905	5/8"REBAR W/ALUM TAG RP 34'RT PT 27+57.00	27+56.67	33.34' RT
4169	1324637.57182	732505.42923	RR SPIKE RP 25'LT PT 27+57.00	27+56.63	25.46' LT
4170	1324650.52426	732511.96730	AHD BC 1967 15+36.81	15+37.13	39.97' LT
4171	1324659.40898	732516.48796	AHD BC 1967 15+36.81	15+37.16	49.94' LT

(1)
EXIST RAMP "E"
SURVEY ℄
CURVE DATA
PI 0+81.08 ← 488
Δ=24°23'10" RT
D=16°00'00"
T=77.38'
L=152.41'
R=358.10' ← 402

(2)
EXIST RAMP "F"
SURVEY ℄
CURVE DATA
PI 9+21.10 ← 489
Δ=53°44'46" LT
D=12°43'57"
T=228.03'
L=422.12'
R=450.00' ← 407

(3)
EXIST RAMP "A"
SURVEY ℄
CURVE DATA
PI 1+56.89 ← 490
Δ=49°53'19" LT
D=17°00'00'
T=156.76'
L=293.46'
R=337.03' ← 418

(4)
EXIST RAMP "A"
SURVEY ℄
CURVE DATA
PI 5+61.07 ← 491
Δ=54°30'00" RT
D=29°59'52"
T=98.37'
L=181.68'
R=191.00' ← 421

(5)
EXIST RAMP "A"
SURVEY ℄
CURVE DATA
PI 9+30.41 ← 492
Δ=59°29'59" LT
D=17°00'00"
T=192.63'
L=350.00'
R=337.03' ← 424

(6)
EXIST RAMP "B"
SURVEY ℄
CURVE DATA
PI 7+91.57 ← 493
Δ=123°20'54" RT
D=37°12'18"
T=285.70'
L=331.53
R=154.00' ← 429

(7)
EXIST RAMP "B"
SURVEY ℄
CURVE DATA
PI 9+78.52 ← 494
Δ=84°59'46" RT
D=37°12'18"
T=141.11'
L=228.45'
R=154.00' ← 432

(8)
EXIST RAMP "D"
SURVEY ℄
CURVE DATA
PI 23+66.31 ← 495
Δ=83°08'44" LT
D=4°16'33"
T=1188.57'
L=1944.56'
R=1340.00' ← 438

(9)
EXIST RAMP "C"
SURVEY ℄
CURVE DATA
PI 1+59.22 ← 496
Δ=122°17'39" RT
D=65°19'54"
T=159.18'
L=187.19'
R=87.70' ← 443

(10)
EXIST RAMP "G"
SURVEY ℄
CURVE DATA
PI 3+49.24 ← 497
Δ=36°41'10" RT
D=11°30'00"
T=165.19'
L=319.01'
R=498.22' ← 448

CURVE DATA - SHEET RS-3

Click here for I 17 Index

017RW293.SURVEY05

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
9683	12-19-07	RPA	Moved Exist. R/W line table to Sheet RS-7 (new sheet) & added ℄ PI point numbers to curve data

DRAWING NO.	D-13-T-453
SURVEY	APRIL-JUNE 02
DRAWN/DATE	S. Baldwin/Jan 09
ADOT REVIEW	S. Laing

RITOCH-POWELL & ASSOCIATES
3800 N. CENTRAL AVE. SUITE 605
PHOENIX, AZ. 85012 (602) 265-1177

ROUTE NO.: I-17
SECTION NAME: McGuireville T.I.

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

HIGHWAY NAME: CORDES JUNCTION - FLAGSTAFF
FEDERAL IDENTIFICATION NO.: I-17-2-806
TRACS NO. 017 YV 293 H4123 01R

REGISTERED LAND SURVEYOR CERTIFICATE NO. 31591 JOSEPH D. FAUNSKI ARIZONA, U.S.A. Expires 9/30/2009

SHEET RS-5

RESULTS OF SURVEY

CALCULATED POINTS

PT.	NORTHING	EASTING	DESCRIPTION
200	1323028.70300	727398.32700	POB 4862+58.06 NB
201	1323039.70000	727438.30200	TS 4862+99.52 NB
202	1323110.45100	727695.48200	SPI
203	1323154.71900	727821.31800	SC 4866+99.52 NB
204	1325857.15900	726870.61200	CC R=2864.79'
205	1323320.84700	728202.58200	CS 4871+15.77 NB
206	1323382.86800	728320.68200	S PI
207	1323523.05600	728547.60600	ST 4875+15.77 NB
208	1323549.73500	728590.79200	TS 4875+66.53 NB
209	1323654.85800	728760.95600	S PI
210	1323704.04200	728848.04200	SC 4878+66.53 NB
211	1320378.10500	730726.44600	CC R=3819.72'
212	1324102.24900	729877.32200	CS 4889+74.03 NB
213	1324124.48200	729974.83500	S PI
214	1324161.25500	730171.44100	ST 4892+74.03 NB
215	1324175.14400	730245.69600	TS 4893+49.58 NB
216	1324211.91700	730442.30300	S PI
217	1324234.15100	730539.81500	SC 4896+49.58 NB
218	1327958.29500	729690.69100	CC, R=3819.72'
219	1325179.15700	732311.12100	CS 4916+81.06 NB
220	1325247.77000	732383.89000	S PI
221	1325390.59400	732523.91700	ST 4919+81.06 NB
222	1326441.26900	733554.02200	POE 4934+01.11 NB
223	1325391.52200	732524.82700	EQ 4919+82.36 BK = 4919+31.00 AHD NB
224	1322932.28485	727424.85134	NB R/W ST 4862+58.06100
225	1322943.28184	727464.82630	NB R/W TS 4862+99.52100
226	1323060.38622	727854.50391	NB R/W SC 4866+99.52100
227	1323232.31223	728249.07518	NB R/W CS 4871+15.77100
228	1323437.98071	728600.16259	NB R/W ST 4875+15.77100
229	1323464.65835	728643.34639	NB R/W TS 4875+66.53100
230	1323616.96741	728897.21531	NB R/W SC 4878+66.53100
231	1323632.87142	728925.66536	NB R/W PO C4879+00.0010
232	1323545.37111	728974.07709	NB R/W POC 4879+00.0020
233	1323673.99875	729229.96437	NB R/W POC AT S PL13-11
234	1323722.16260	729340.93105	NB R/W POC AT E PL13-11
235	1323786.21625	729506.95817	NB R/W POC IN13-1116
232	1323545.37111	728974.07709	NB R/W POC 4879+00.0020
233	1323673.99875	729229.96437	NB R/W POC AT S PL13-11
234	1323722.16260	729340.93105	NB R/W POC AT E PL13-11
235	1323786.21625	729506.95817	NB R/W POC IN 13-1116
236	1323771.53152	730347.77696	R/W JOG ON SEC LINE
237	1323724.19593	730765.66537	COR ADOT R/W AT 7+50 LIN
238	1323831.93086	730777.86879	COUNTY RD R/W POC AT END
239	1323882.01690	730783.54217	COUNTY RD R/W POC AT END
240	1323952.73445	730791.55254	COR ADOT R/W AT 7+50 LIN
241	1323977.56025	730572.38518	COR R/W FIT TO FD ADOT B
242	1324136.02545	730559.28777	NB R/W100'RT
243	1325106.39932	732379.72366	NB R/W CS 4916+81.06100
244	1325320.58584	732595.32328	NB R/W ST 4919+81.06100
249	1324794.42877	730443.30393	COR ADOT R/W AT 9+53.63
250	1324860.74967	730254.62023	COR ADOT R/W AT 9+53.63
252	1324384.24577	730360.99857	SB R/W AT SEC LINE3/4
253	1324494.35912	730337.44740	R/W AT100'RT OF LINE D
254	1325637.22259	732905.76096	NB R/W 100'RT AT N LINE
255	1324745.16525	730213.84505	ANG PT ADOT R/W AT100'L
256	1323201.81568	728027.60583	NB CURVE1 PI
257	1324002.77048	729324.13246	NB CURVE2 PI
258	1324424.02010	731576.26658	NB CURVE3 PI
261	1324383.10249	730357.47807	EX R/W COR 100' LT SB
262	1324383.79819	730360.98892	EX R/W 100' LT AT SEC LINE
300	1323237.30700	727175.73600	POB 4862+54.08 SB
301	1323245.26800	727233.17200	TS 4863+12.07 SB
302	1323281.89000	727497.38100	S PI
303	1323309.37700	727627.91400	SC 4867+12.07 SB
304	1326112.68800	727037.60400	CC R=2864.79'
305	1323494.26900	728199.88800	CS 4873+14.29 SB
306	1323548.38900	728321.81100	S PI
307	1323673.35000	728557.46400	ST 4877+14.29 SB
308	1323748.48300	728699.15000	TS 4878+74.66 SB
309	1323842.18700	728875.85900	S PI
310	1323885.53700	728965.99100	SC 4881+74.66 SB
311	1320443.26500	730621.59600	CC R=3819.72'
312	1324167.40900	729772.47200	CS 4890+30.77 SB
313	1324189.64300	729869.98400	S PI
314	1324226.41600	730066.59100	ST 4893+30.78 SB
315	1324255.99200	730224.71600	TS 4893+44.10 SB
316	1324293.59300	730425.74800	S PI
317	1324316.50500	730525.41500	SC 4896+50.85 SB
318	1327957.26100	729688.45800	CC R=3735.72'
319	1325234.66600	732246.40300	CS 4916+24.31 SB
320	1325304.69100	732320.93500	S PI
321	1325450.72900	732464.11400	ST 4919+31.06 SB
322	1326503.79200	733496.55900	POE 4934+05.81 SB
323	1325856.98776	732862.41859	POL 4925+00 SB
324	1324242.55190	730152.85990	EQ 4894+18.54 BK = 4892+71.00 AHD
325	1323336.36004	727162.00661	SB R/W ST4862+54.08100
326	1323344.32166	727219.44712	SB R/W TS4863+12.07100
327	1323407.23153	727607.31239	SB R/W SC4867+12.07100
328	1323585.66946	728159.31757	SB R/W CS 4873+14.29100
329	1323761.69762	728510.61640	SB R/W ST 4877+14.29100
330	1323836.82865	728652.29867	SB R/W TS 4878+74.66100
331	1323975.65390	728922.64420	SB R/W SC 4881+74.66100
332	1324844.16944	730301.79115	COR ADOT R/W AT9+53.63
333	1324413.96238	730503.00836	SB R/W SC 4896+50.85
334	1325307.54342	732177.92711	SB R/W CS 4916+24.31100
335	1325520.73438	732392.70499	SB R/W ST 4919+31.06100
337	1324105.83636	729225.25223	SB R/W AT FD MON 4115
338	1324811.00899	730396.13300	COR ADOT R/W AT9+53.63
343	1325646.04235	732515.55955	SB R/W 100'LT AT N LINE
344	1323342.28932	727933.14893	SB CURVE1 PI
345	1324091.71258	729346.41320	SB CURVE2 PI
346	1324500.62301	731532.61021	SB CURVE3 PI
347	1325642.94560	732652.56710	4921+27.15 SB
370	1323638.91775	728279.07781	SPI
371	1323931.76180	728831.32385	SPI
384	1323380.30272	727479.03862	SPI
385	1323015.26689	727726.49788	SPI
386	1323295.34554	728369.27528	SPI
387	1323568.40442	728811.28288	SPI
390	1324391.38503	730404.66944	SPI
391	1325376.65060	732251.44224	SPI
392	1325175.89195	732453.46220	SPI
401	1323959.56300	729469.48300	PC 0+03.70 RAMP E
402	1323618.89000	729579.83700	CC R=358.10'
403	1323974.73200	729619.98700	PT 1+56.12 RAMP E
404	1323928.27800	730031.70900	POE 5+70.45 RAMP E
405	1323937.78500	730035.06300	POB 0+00.00 LINE F
406	1323859.77800	730723.72500	PC 6+93.07 LINE F
407	1324306.91800	730774.37400	CC R=450.00'
408	1324001.65200	731104.99800	PT 11+15.19 LINE F=-1+04.18, BCR*
409	1324291.87000	731372.95800	PC 15+10.19 LINE F
410	1323833.97000	731868.89400	CC R=675.00'
411	1324404.57700	731508.29400	PT 16+86.82 LINE F
412	1324580.72800	731787.03100	PC 20+16.55 LINE F=7+97.18, BCR*
413	1323973.77100	732170.60300	CC R=718.00'
414	1324614.67000	732494.28900	PT 27+57.00 LINE F
415	1324459.13000	732802.25800	POE 31+02.02 LINE F
416	1324143.47800	729581.11000	POB 0+00.00 RAMP A
417	1324143.51400	729581.24000	PC 0+00.13 RAMP A
418	1324468.00200	729490.15300	CC R=337.03'
419	1324328.60500	729797.00400	2+93.59 RAMP A
420	1324482.57000	729866.94800	4+62.70 RAMP A
421	1324403.57200	730040.84500	CC R=191.00'
422	1324591.01900	730004.17600	PT 6+44.38 RAMP A
423	1324608.94900	730095.83300	PC 7+37.78 RAMP A
424	1324939.71000	730031.12800	CC R=337.03'
425	1324827.58700	730348.96100	PT 10+87.77 RAMP A
426	1324827.58900	730348.96200	POE 10+87.77 RAMP A
427	1324322.03500	730472.13300	POB 1+00.00 RAMP B
428	1324259.02200	730071.18500	PC 5+05.87 RAMP B
429	1324411.15400	730047.27600	CC R=154.00'
430	1324474.81300	729907.04900	PT 8+37.41 RAMP B
431	1324474.82000	729907.05200	PC 8+37.41 RAMP B
432	1324411.16100	730047.27900	CC R=154.00'
433	1324556.40600	730098.46400	PT 10+65.87 RAMP B
434	1324507.87600	730236.17700	POE 12+11.88 RAMP B
435	1323928.27800	730031.70900	POB 0+00.00 RAMP D
436	1324827.58900	730348.96200	P I 9+53.63 RAMP D
437	1325039.01600	730423.27700	PC 11+77.74 RAMP D
438	1325483.36700	729159.09700	CC R=1340.00'
439	1326685.48100	729751.14700	PT 31+22.30 RAMP D
440	1326756.01200	729607.93900	POE 32+81.93 RAMP D
441	1323908.09600	730410.90200	POB 0+00.00 RAMP C
442	1323908.10000	730410.86600	PC 0+00.04 RAMP C
443	1323995.25900	730420.59400	CC R=87.70'
444	1324050.04800	730352.11500	PT 1+87.23 RAMP C
445	1324050.09000	730352.14800	POE 1+87.28 RAMP C
446	1323914.71700	730238.71400	POB 0+00.00 RAMP G
447	1324058.42700	730353.69500	PC 1+84.05 RAMP G
448	1323747.17000	730742.72200	CC R=498.22'
449	1324229.19000	730616.70800	PT 5+03.05 RAMP G
450	1324269.64700	730771.46100	POE 6+63.01 RAMP G
488	1323983.41014	729543.07263	P I 0+81.08 RAMP E
489	1323834.11225	730950.30756	P I 9+21.10 RAMP F
490	1324185.22676	729731.86941	P I 1+56.99 RAMP A
491	1324572.13367	729907.63544	P I 5+61.07 RAMP A
492	1324645.93002	730284.87760	P I 9+30.41 RAMP A
493	1324215.77935	729796.03458	P I 7+91.57 RAMP B
494	1324604.30378	729962.54505	P I 9+78.52 RAMP B
495	1326160.33713	730817.41294	P I 23+66.31 RAMP D
496	1323925.50104	730254.25667	P I 1+59.22 RAMP C
497	1324187.40957	730456.89273	P I 3+49.24 RAMP G
498	1324357.12683	731433.21001	P I 15+99.01 RAMP F
499	1324798.12884	732131.04073	P I 24+23.50 RAMP F
4180	1322998.52683	728992.34212	C-E1/16 S4 FROM: ROS 25/27
4181	1322979.67018	727653.54491	CTR SEC 4 FROM: ROS 25/27
4182	1322966.22653	731708.60396	C-W1/16 SEC 3 FROM INTERSECT
4183	1323671.94272	729004.73947	NW COR PARCEL (USE REC DIST)
4184	1323676.16004	729466.72022	NE COR PARCEL
4185	1323005.08934	729454.29551	SE COR PARCEL
4186	1323330.97349	729460.32918	NW COR PARCEL
4187	1324345.31000	729017.13593	SW COR GLO LOT FROM BLM MAP DISTS
4188	1324350.81075	730360.27708	SE COR GLO LOT FROM BLM MAP DISTS
4191	1324348.06037	729688.70649	SPLIT DIST ACROSS N LINE
4192	1323684.18581	730345.89215	POL E LINE NE4
4193	1323678.06423	729675.31153	SE COR 13-1116
4194	1324346.68519	729352.92311	NE COR 13-1115
4195	1323675.00348	729340.02550	SE COR 13-1115
4196	1325682.38168	730912.01211	COR EXC TO 13-1119
4197	1325505.32072	730879.61737	COR EXC TO 13-1119

SEE SHEET RS-7 FOR CONTINUATION

NOTE: CENTERLINE 200-450 FURNISHED BY A.D.O.T.
PRECISION TO 3 DECIMAL PLACES

*BEAVER CREEK ROAD

017RW293.SURVEY05

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
9683	12-19-07	RPA	Added points 488 thru 499

DRAWING NO.	D-13-T-453
SURVEY	APRIL-JUNE 02
DRAWN/DATE	S. Baldwin/Jan 09
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: CORDES JUNCTION - FLAGSTAFF
FEDERAL IDENTIFICATION NO.: I-17-2-806
TRACS NO.: 017 YV 293 H4123 01R

ROUTE NO.: I-17
SECTION NAME: McGuireville T.I.

REGISTERED LAND SURVEYOR 31591 JOSEPH D. FALINSKI ARIZONA, USA
Expires 9/30/2009

SHEET RS-6

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RESULTS OF SURVEY

CALCULATED POINTS - CONTINUED FROM SHEET RS-6

PT.	NORTHING	EASTING	DESCRIPTION
4198	1325257.33500	730725.45162	COR TO 13-1326
4199	1324995.76102	730562.83842	COR TO 13-1326
4200	1324686.14932	730547.32723	COR TO 13-1326
4201	1324519.79622	730625.95704	COR TO 13-1326
4202	1325035.23600	731021.96441	COR TO 13-1326
4203	1325187.27211	731219.15979	COR EXC TO 13-1119
4204	1325679.17002	731053.37563	COR EXC TO 13-1119
4205	1325664.93106	731680.11390	COR EXC TO 13-1119
4206	1325537.74894	731673.73872	COR EXC TO 13-1119
4207	1323792.61428	730348.23190	NE COR PARCEL AT 109'RT
4208	1323838.46550	729943.44560	R/W COR 109' LT RAMP E
4209	1323738.24300	729932.13740	R/W COR 200' RT RAMP E
4210	1323767.02015	729677.08999	NW COR PARCEL 200' RT OF RAMP E
4211	1323680.34910	729925.60520	SE COR PARCEL
4212	1324339.81070	727674.34840	NW COR PARCEL 13-1117
4213	1323691.53930	729926.86780	SW COR PARCEL
4214	1323681.17344	730015.90559	PROP COR FROM DESCR IN BK 188 PG 199
4215	1323599.69241	730014.14774	PROP COR
4225	1324195.95000	730356.93540	NB ℄ I-17 POST 4894+62.75
4226	1324281.06580	730358.77210	SB ℄ I-17 POST 4894+80.48
4259	1323099.41651	727655.37644	BOP NB I-17 POST 4865+24.66
4260	1325640.31939	732768.75329	EOP NB I-17 POT 4922+79.43

NOTE: CENTERLINE 200-450 FURNISHED BY A.D.O.T.
PRECISION TO 3 DECIMAL PLACES.

EXISTING R/W LINE

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

1) R/W PROJECTS: I-17-2(15) & 13-T-341
2) RESULTS OF SURVEY-BK 25 OF LAND SURVEYS, PG27
3) THE MOST CURRENT B.L.M. MAPS, NOTES AND DEPENDENT SURVEYS
4) R/W EASEMENTS AS DESCRIBED IN: BK 153 OF OFFICIAL RECORDS, PG 35-37, 58-60 & 251-253.
   BK 157 OF OFFICIAL RECORDS, PG 301.
   BK 160 OF OFFICIAL RECORDS, PG 215-218.
   BK 163 OF OFFICIAL RECORDS, PG 228.

NORTHBOUND			SOUTHBOUND		
PT.	STATION	OFFSET	PT.	STATION	OFFSET
224	4862+58.06	100.00'RT	325	4862+54.08	100.00'LT
225	4862+99.52	100.00'RT	326	4863+12.07	100.00'LT
385	Spiral PI	---	384	Spiral PI	---
226	4866+99.52	100.00'RT	327	4867+12.07	100.00'LT
204	Radius Pt	---	304	Radius Pt	---
227	4871+15.77	100.00'RT	328	4873+14.29	100.00'LT
386	Spiral PI	---	370	Spiral PI	---
228	4875+15.77	100.00'RT	329	4877+14.29	100.00'LT
229	4875+66.53	100.00'RT	330	4878+74.66	100.00'LT
387	Spiral PI	---	371	Spiral PI	---
230	4878+66.53	100.00'RT	331	4881+74.66	100.00'LT
231	4879+00.00	100.00'RT	337	4884+95.77	100.00'LT
232	4879+00.00	200.00'RT	4114	4890+11.79	212.06'LT
233	4882+02.30	200.00'RT	4113	4891+94.22	476.07'LT
211	Radius Pt	---	255	4894+24.72	482.76'LT
4195	4883+09.79	243.17'RT	250	4894+90.16	588.52'LT
234	4883+29.96	200.00'RT	332	4895+37.16	563.01'LT
235	4885+17.76	200.00'RT	338	4896+33.32	510.86'LT
4209	4889+43.64	366.97'RT	249	4896+81.93	484.06'LT
4208	4889+8 .31	271.88'RT	253	4895+01.03	213.03'LT
4207	4893+79.88	394.86'RT	261	4894+99.02	100.00'LT
236	4893+75.59	415.50'RT	262	4895+02.65	100.00'LT
237	4897+43.00	548.71'RT	390	Spiral PI	---
238	4897+77.32	447.46'RT	333	4896+50.85	100.00'LT
239	4897+93.84	400.51'RT	318	Radius Pt	---
240	4898+17.79	334.36'RT	334	4916+24.31	100.00'LT
241	4896+25.83	257.49'RT	391	Spiral PI	---
242	4896+46.82	100.00'RT	335	4919+31.06	100.00'LT
218	Radius Pt	---	343	4921+06.55	100.00'LT
243	4916+81.06	100.00'RT			
392	Spiral PI	---			
244	4919+81.06	100.00'RT			
254	4923+73.13	100.00'RT			

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Ø17RW293.SURVEYØ7

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

DRAWING NO.	D-13-T-453
SURVEY	APRIL-JUNE 02
DRAWN/DATE	S. Baldwin/Jan 09
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: CORDES JUNCTION - FLAGSTAFF
FEDERAL IDENTIFICATION NO.: I-17-2-806
TRACS NO.: 017 YV 293 H4123 01R

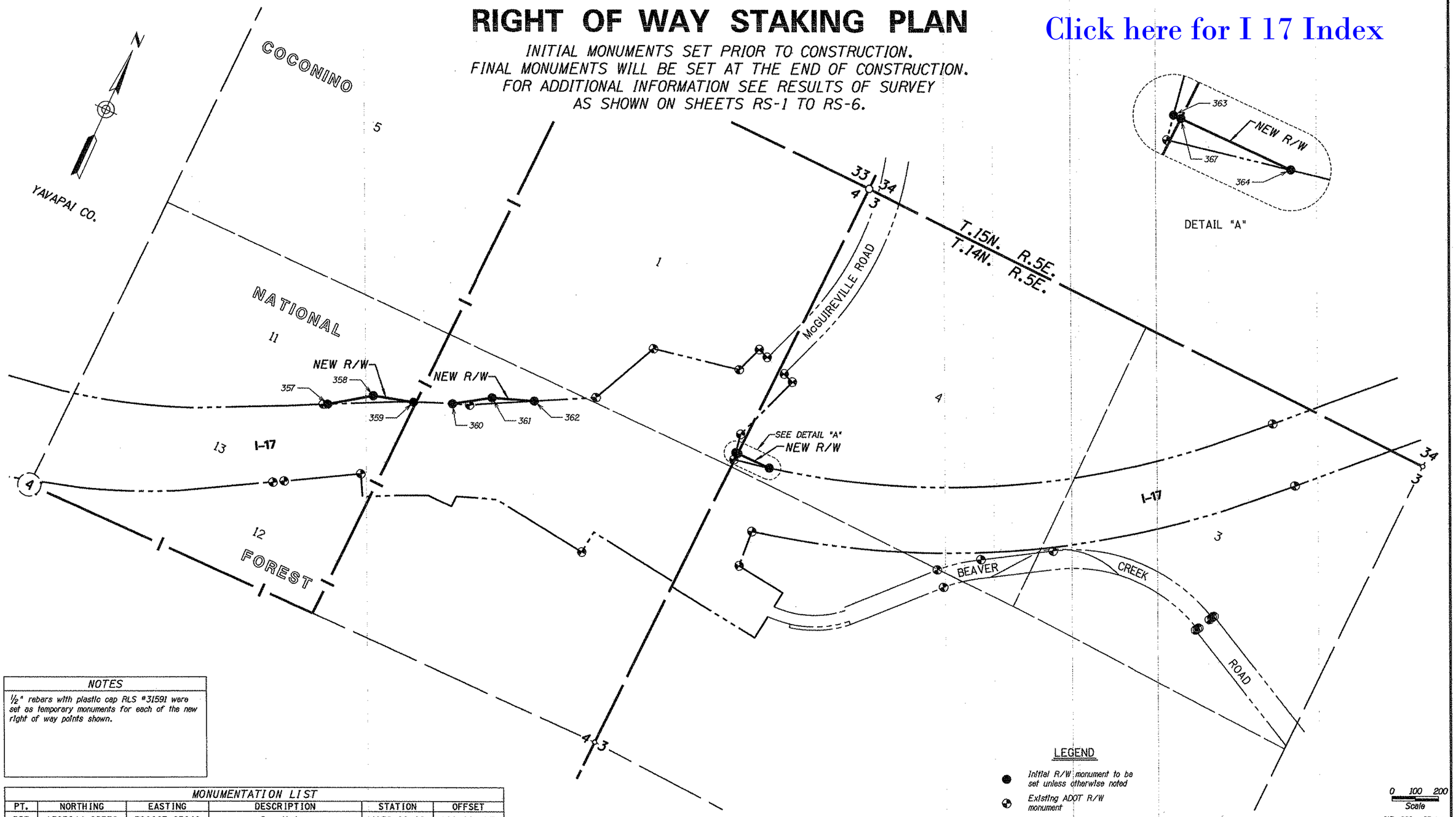
Registered Land Surveyor
Certificate No. 31591
JOSEPH D. FALINSKI
ARIZONA, USA
Expires 9/30/2009

ROUTE NO.:	SECTION NAME:	SHEET
I-17	McGuireville T.I.	RS-7

RIGHT OF WAY STAKING PLAN

Click here for I 17 Index

INITIAL MONUMENTS SET PRIOR TO CONSTRUCTION.
FINAL MONUMENTS WILL BE SET AT THE END OF CONSTRUCTION.
FOR ADDITIONAL INFORMATION SEE RESULTS OF SURVEY AS SHOWN ON SHEETS RS-1 TO RS-6.



NOTES

½" rebars with plastic cap RLS #31591 were set as temporary monuments for each of the new right of way points shown.

MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
357	1323844.95779	728667.63040	See Notes	4878+92.00	100.00' LT
358	1323964.13741	728831.50036		4880+90.00	130.00' LT
359	1324012.30261	729001.04768		4882+59.00	100.00' LT
360	1324078.95413	729156.68274		4884+24.00	100.00' LT
361	1324176.53508	729301.71782		4885+89.00	140.00' LT
362	1324242.42726	729474.04673		4887+66.58	148.97' LT
363	1324414.67213	730351.79313		4894+99.58	132.07' LT
364	1324415.69063	730510.49163		4896+58.74	100.00' LT
367	1324414.73543	730361.65650		4895+09.45	130.21' LT

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

LEGEND

- *Initial R/W monument to be set unless otherwise noted*
- *Existing ADOT R/W monument*

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

DRAWING NO.	D-13-T-453
SURVEY	October 2008
DRAWN/DATE	S. Baldwin/Sep 09
ADOT REVIEW	D. Casdorph

RITOCH-POWELL & ASSOCIATES
3300 N. CENTRAL AVE. SUITE 605
PHOENIX, AZ. 85012 (602) 263-1177

ROUTE NO.:	I-17
LOCATION:	McGuireville T.I.

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

HIGHWAY NAME: CORDES JUNCTION-FLAGSTAFF
FEDERAL AID NO.: I-17-2-806
PROJECT NO.: 017 YV 293 H4123 017R

Registered Land Surveyor — CERTIFICATE NO. 31591 — JOSEPH D. FAUNSO — ARIZONA, U.S.A. — Expires 9/30/2009

SHEET MS-1

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