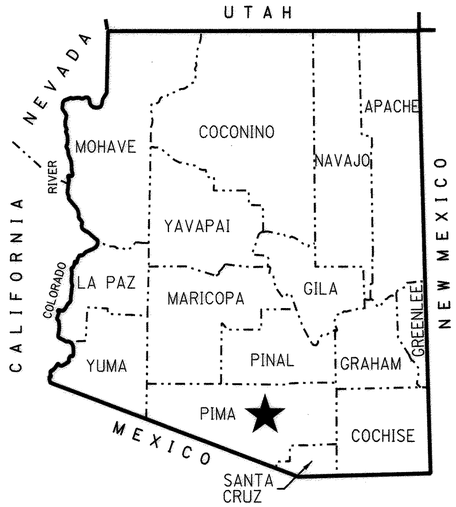
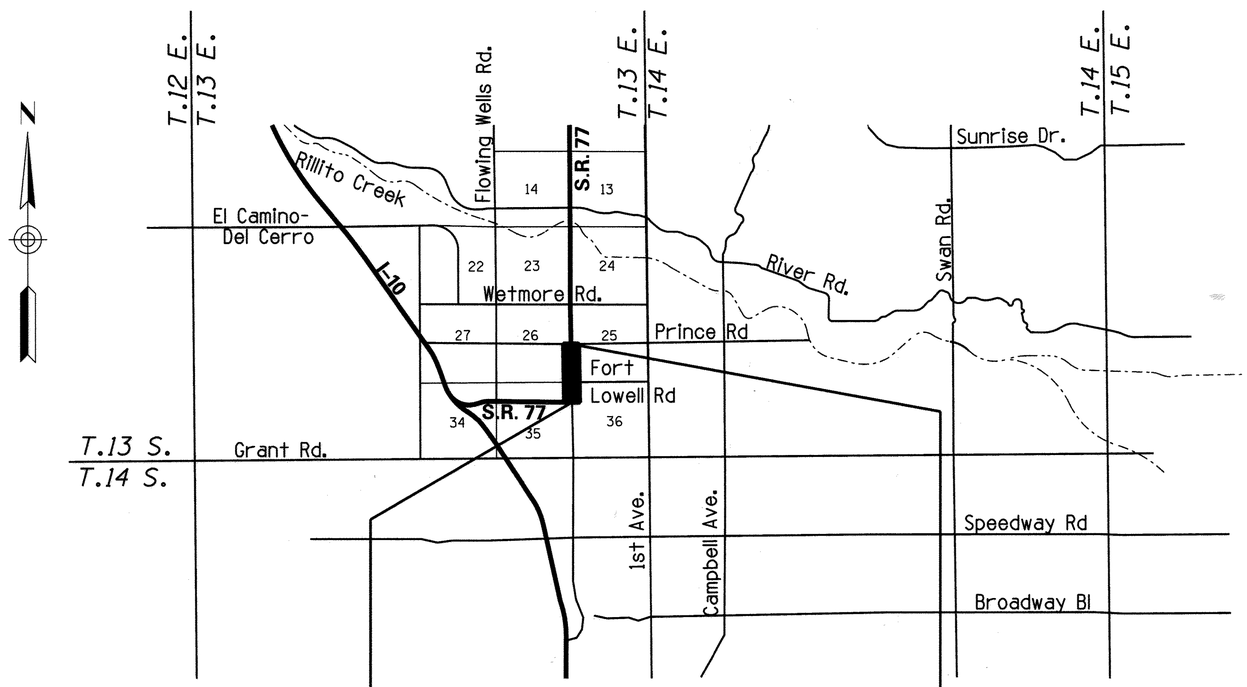
RIGHT OF WAY PLANS OF THE

TUCSON - ORACLE JCT - GLOBE HIGHWAY
MIRACLE MILE RD - PRINCE RD
077 PM 069 H6159 01R
S 077-A-801



★ PROJECT LOCATION

COUNTY NAME: PIMA
LENGTH OF PROJECT: 0.8 MILES
ADOT DISTRICT: TUCSON (T)
DRAWING NUMBER: D-10-T-388



Click here for SR 77 Index

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

ADOT

SHEET INDEX

COVER SHEET	1
STANDARD ABBREVIATION & SYMBOLS	S-1
OWNERSHIP RECORD SHEET	ORS-1
VICINITY MAP SHEET	VM-1
PLAN SHEET	P-1 TO P-2
RESULTS OF SURVEY	RS-1 TO RS-4
SUPPLEMENTAL RESULTS OF SURVEY	SS-1 TO SS-7
RIGHT OF WAY MONUMENTATION SURVEY	MS-1 TO MS-2
TOTAL SHEETS	19

APPROVED IN ACCORDANCE WITH ARIZONA STATE TRANSPORTATION BOARD RESOLUTION 2003-05-A-022 DATED 5/09/03 AND RESOLUTION NO. 2004-12-A-070, DATED 12/17/04 RESOLUTION 2015-10-A-047 DATED 10/16/15

P.I. 78+63.48 M.P. 69.5 — M.P. 70.3 P.T. 118+44.11

077 PM 068 H6436 01R — S 077-A-802 | 077 PM 069 H6159 01R — S 077-A-801 | 077 PM 070 H6727 01R

amec

...\077rw072_cvr.dgn

REGISTERED LAND SURVEYOR 40622 BRYAN L. CAMPBELL ARIZONA U.S.A. EXPIRES: 03/31/2016

RIGHT OF WAY - STANDARD ABBREVIATIONS & SYMBOLS

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

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

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

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

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

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

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

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

Property Lines
- Lease Grant Boundary Line
- Lease Property Line
- Property Line
- Subdivision Property/Road Line

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

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

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

Break Line

Data Circle

Data Hex

Data Square

Dimension Arrow

Dimension Tie

Exist. R/W Monument

New R/W Monument

PC - PT Circle

Property Anchor Bar

Property-Lease & Unpatented Mining Claim Anchor Bar

Property Limit Arrow

Property-Lease & Unpatented Mining Claim Limit Arrow

Parcel Bubble (7-8858)

NGS Control Pt or Angle Point

North Arrow

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

Found or Set Quarter Corner (4 3)

Found or Set Center Quarter Corner (3)

Unfound Section Corner (31 | 32 / 6 | 5)

Unfound Quarter Corner (4 / 9)

Unfound Center Quarter Corner (3)

Mile Post Marker (MP 115)

Click here for SR 77 Index

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

DRAWING NO.	D-10-T-308
SURVEY	AUG 2002
DRAWN/DATE	A GRASS 8/02
ADOT REVIEW	D. RODRIGUEZ

amec

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

HIGHWAY NAME: TUCSON - ORACLE JCT - GLOBE

FEDERAL IDENTIFICATION NO.: S 077-A-801

TRACS NO. 077 PM 069 H6159 01R

ROUTE NO.: SR 77

SECTION NAME: Miracle Mile Rd - Prince Rd

REGISTERED LAND SURVEYOR 15573 GERALD HUGHES ARIZONA U.S.A.

SHEET S-1

OWNERSHIP RECORD / ACQUISITION RECORD

PARCEL NUMBER	OWNER	DESCRIPTION OF AREA REQUIRED	TOTAL AREA	AREA REQUIRED: GROSS INCLUDING (EXISTING R/W)	AREA REQUIRED: NET EXCLUDING (EXISTING R/W)	AREA REQUIRED: NEW EASEMENTS	REMAINDER: LEFT	REMAINDER: RIGHT	SHEET NO.	INSTRUMENT: TYPE	INSTRUMENT: DATE	RECORDED: DATE	RECORDED: DOCUMENT
10-1376	THE TUCSON CEMETERY ASSOCIATION	Pt. SE4 Sec. 26 T.13S, R.13E. Pt. NE4 Sec. 35 T.13S, R.13E.	3,457,592		1,503	22,590 TCE	3,456,089		P-1,P-2	FOC	04/05/05	04/29/05	DKT 12542 PAGE 862
10-1378	DIOCESE OF TUCSON CATHOLIC CEMETERIES	Pt. SE4 Sec. 26 T.13S, R.13E.				1,304 TCE			P-2				
10-1933	ORACLE FT. LOWELL, L.L.C.	Pt. SW4 Sec. 25 T.13S. R.13E.			2,299				P-1,P-2	ESMT	8/11/15	10/20/15	2015-2930265

ALL AREAS ARE IN SQUARE FEET UNLESS OTHERWISE NOTED

Click here for SR 77 Index

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CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
9692	9-12-08	AG	CHANGE OWNERS NAMES AND ADDED ACQUISITION RECORD INFORMATION
PM-15-075	10-09-15	JZ	ADDED PAR. 10-1933

DRAWING NO.	D-10-T-388
SURVEY	March 2008
DRAWN/DATE	A.Grass Mar 08
ADOT REVIEW	D. Casdorph
amec	
ROUTE NO.: S.R. 77	LOCATION: Miracle Mile Rd - Prince Rd

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

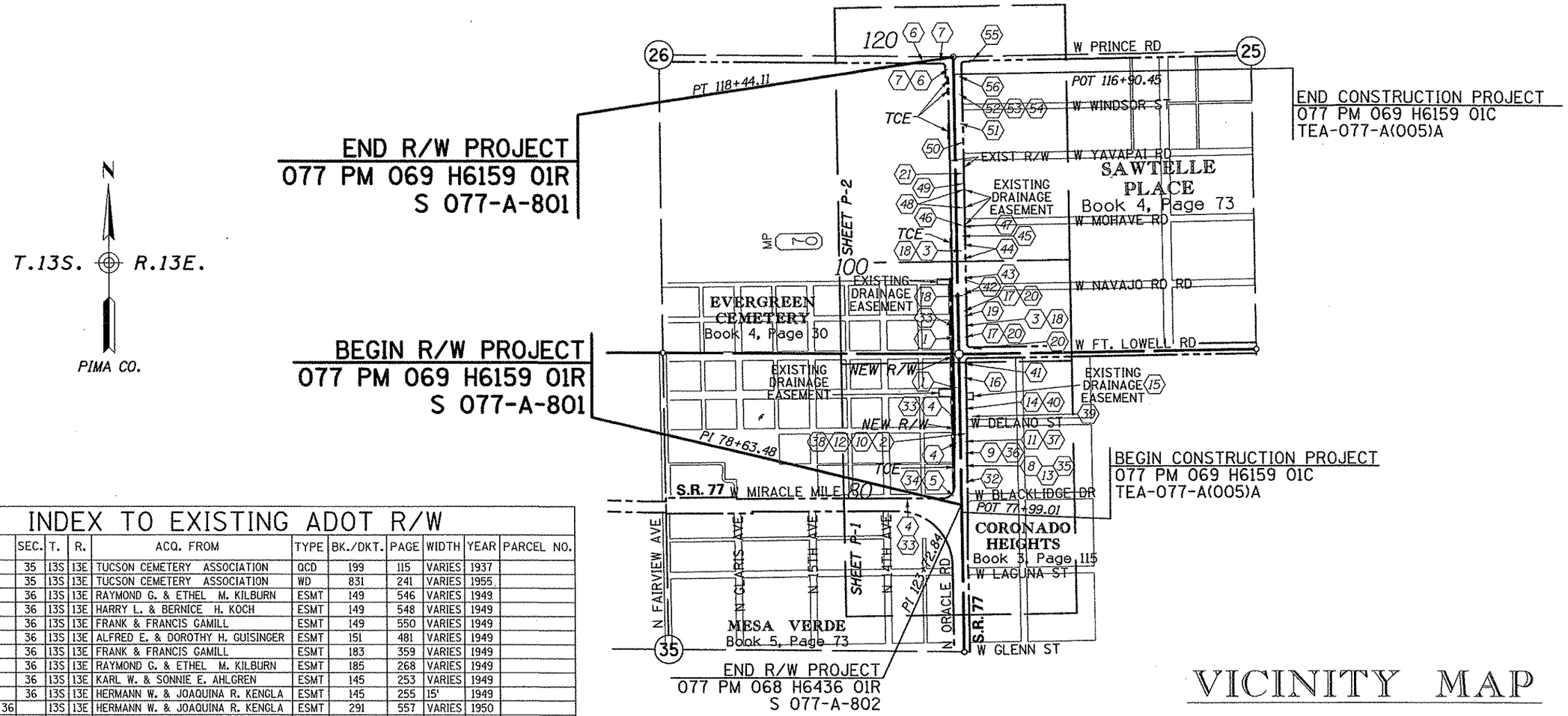
HIGHWAY NAME: TUCSON - ORACLE JCT - GLOBE

FEDERAL AID NO.: S 077-A-801

PROJECT NO.: 077 PM 069 H6159 01R

REGISTERED LAND SURVEYOR CERTIFICATE NO. 40622 BRYAN L. CAMPBELL Date Signed 2-14-14 ARIZONA U.S.A. EXPIRES: 03/31/2015

SHEET ORS-1



VICINITY MAP

Click here for SR 77 Index

INDEX TO EXISTING ADOT R/W

(#) ID.	LOCATION	SEC.	T.	R.	ACQ. FROM	TYPE	BK./DKT.	PAGE	WIDTH	YEAR	PARCEL NO.
4	PT. NE4	35	13S	13E	TUCSON CEMETERY ASSOCIATION	QCD	199	115	VARIES	1937	
5	PT. NE4	35	13S	13E	TUCSON CEMETERY ASSOCIATION	WD	831	241	VARIES	1955	
8	PT. NW4	36	13S	13E	RAYMOND G. & ETHEL M. KILBURN	ESMT	149	546	VARIES	1949	
9	PT. NW4	36	13S	13E	HARRY L. & BERNICE H. KOCH	ESMT	149	548	VARIES	1949	
10	PT. NW4	36	13S	13E	FRANK & FRANCIS GAMILL	ESMT	149	550	VARIES	1949	
11	PT. NW4	36	13S	13E	ALFRED E. & DOROTHY H. GUISINGER	ESMT	151	481	VARIES	1949	
12	PT. NW4	36	13S	13E	FRANK & FRANCIS GAMILL	ESMT	183	359	VARIES	1949	
13	PT. NW4	36	13S	13E	RAYMOND G. & ETHEL M. KILBURN	ESMT	185	268	VARIES	1949	
14	PT. NW4	36	13S	13E	KARL W. & SONNIE E. AHLGREN	ESMT	145	253	VARIES	1949	
16	PT. NW4	36	13S	13E	HERMANN W. & JOAQUINA R. KENGLA	ESMT	145	255	15'	1949	
17	PT. SEC 25 & 36		13S	13E	HERMANN W. & JOAQUINA R. KENGLA	ESMT	291	557	VARIES	1950	
18	PT. SW4	25	13S	13E	HERMANN W. & JOAQUINA R. KENGLA	ESMT	145	249	10'	1949	
19	PT. SW4	25	13S	13E	HERMANN W. & JOAQUINA R. KENGLA	ESMT	145	251	10'	1949	
21	PT. SW4	25	13S	13E	JAMES M. & RUBY L. SAWTELLE	ESMT	148	368	10'	1949	
32	PT. NW4	36	13S	13E	LEE A. & VERDEAN MILLER, ET AL	FOC	6081	1155	VARIES	1979	10-328
33	PT. SEC 26 & 35		13S	13E	TUCSON CEMETERY ASSOCIATION	WD	5618	300	VARIES	1977	10-329
34	PT. NE4	35	13S	13E	TUCSON CEMETERY ASSOCIATION	WD	5618	302	VARIES	1977	10-329
35	PT. NW4	36	13S	13E	STANLEY D. CAMMACK, ET AL	FOC	5899	828	VARIES	1978	10-330
36	PT. NW4	36	13S	13E	HECTOR & ALICIA LAOS	WD	5342	821	VARIES	1976	10-331
37	PT. NW4	36	13S	13E	JOHN & VELMA HORAN	WD	5219	322	VARIES	1976	10-332
38	PT. NW4	36	13S	13E	NELLIE M. HOFFMAN	FOC	5551	701	VARIES	1977	10-333
39	PT. NW4	36	13S	13E	MARCO SALES	DE	5397	369	VARIES	1976	10-334
40	PT. NW4	36	13S	13E	MARCO SALES	WD	5397	373	VARIES	1976	10-334
41	PT. NW4	36	13S	13E	EDITH SWANN	WD	5480	725	VARIES	1977	10-336
42	PT. SW4	25	13S	13E	RUTH L. GOLDSTEIN, ET AL	FOC	6034	1061	VARIES	1979	10-337
43	PT. SW4	25	13S	13E	IC LEASING, INC.	WD	5587	587	VARIES	1977	10-338
44	PT. SW4	25	13S	13E	ROBERT E. THEIS, ET AL	WD	5290	119	35	1976	10-339
45	PT. SW4	25	13S	13E	ERNEST S. & FLORENCE J. COMTE	WD	5291	592	35	1976	10-340
46	PT. SW4	25	13S	13E	ROBERT E. THEIS, ET AL	WD	5291	572	35	1976	10-341
47	PT. SW4	25	13S	13E	ROBERT E. THEIS, ET AL	DE	5291	572	5	1976	10-341
48	PT. SW4	25	13S	13E	FIRST NATIONAL BANK OF ARIZONA	DE	5540	433	5	1976	10-342
49	PT. SW4	25	13S	13E	FIRST NATIONAL BANK OF ARIZONA	WD	5540	436	VARIES	1977	10-342
50	PT. SW4	25	13S	13E	A. FRED ROSEN, ET AL	WD	5502	591	VARIES	1977	10-343
51	PT. SW4	25	13S	13E	A. FRED ROSEN, ET AL	WD	5502	588	25	1977	10-344
52	PT. SW4	25	13S	13E	JOSEPH H. & PEARL MARTINEAU	QCD	5346	598	VARIES	1976	10-345
53	PT. SW4	25	13S	13E	L. E. & ROWAENA L. HOLIDAY	QCD	5346	600	VARIES	1976	10-345
54	PT. SW4	25	13S	13E	R. THOMAS & JOYCE M. NELSON	QCD	5346	602	VARIES	1976	10-345
56	PT. SW4	25	13S	13E	FIRST NATIONAL BANK OF ARIZONA	DEED	5540	426	7.5	1977	10-346
57	PT. SE4	26	13S	13E	ROMAN CATHOLIC CHURCH OF THE DIOCESE OF TUCSON	WD	5861	602	VARIES	1978	10-373

INDEX TO EXISTING CITY/COUNTY R/W

(#) ID.	LOCATION	SEC.	T.	R.	ACQ. FROM	TYPE	BK./DKT.	PAGE	WIDTH	YEAR
1	PT. SEC 26 &35	35	13S	13E		FEE	4	30	40	1923
2	PT. NE4	36	13S	13E		FEE	3	115	40	1920
3	PT. NW4	25	13S	13E		FEE	4	73	40	1925
6	PT. SE4	26	13S	13E	ROMAN CATHOLIC CHURCH OF THE DIOCESE OF TUCSON	DEED	3050	372	VARIES	1967
7	PT. SE4	26	13S	13E	ROMAN CATHOLIC CHURCH OF THE DIOCESE OF TUCSON	DEED	3600	549	VARIES	1969
15	PT. NW4	36	13S	13E	KARL W. & SONNIE E. AHLGREN	ESMT	2228	229	60'	1949
20	PT. SW4	25	13S	13E	DOROTHY FITZPATRICK,ET AL	DEED	3649	325	VARIES	1969
55	PT. SW4	25	13S	13E	FIRST NATIONAL BANK OF ARIZONA	DEED	5529	253	7.5	1977

0 250 500
Scale

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

DRAWING NO.	D-10-T-388
SURVEY	AUG 2002
DRAWN/DATE	A GRASS 8/02
ADOT REVIEW	D. RODRIGUEZ

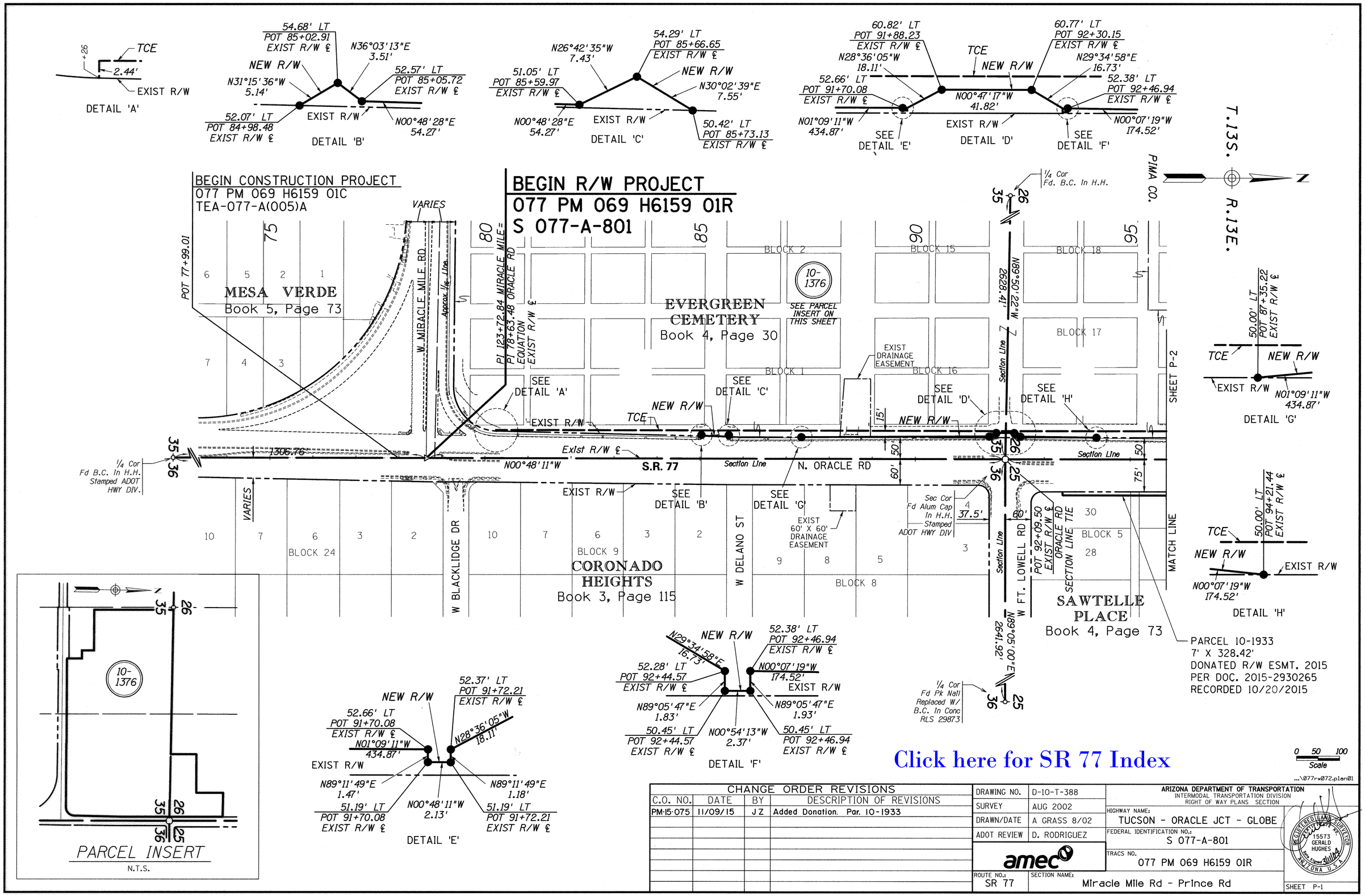
amec

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

HIGHWAY NAME: TUCSON - ORACLE JCT - GLOBE
FEDERAL IDENTIFICATION NO.: S 077-A-801
TRACS NO. 077 PM 069 H6159 01R
ROUTE NO.: SR 77
SECTION NAME: Miracle Mile Rd - Prince Rd

REGISTERED LAND SURVEYOR 15573 GERALD HUGHES ARIZONA U.S.A.

SHEET VM-1



CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
PM-15-075	11/09/15	JZ	Added Donation. Par. 10-1933

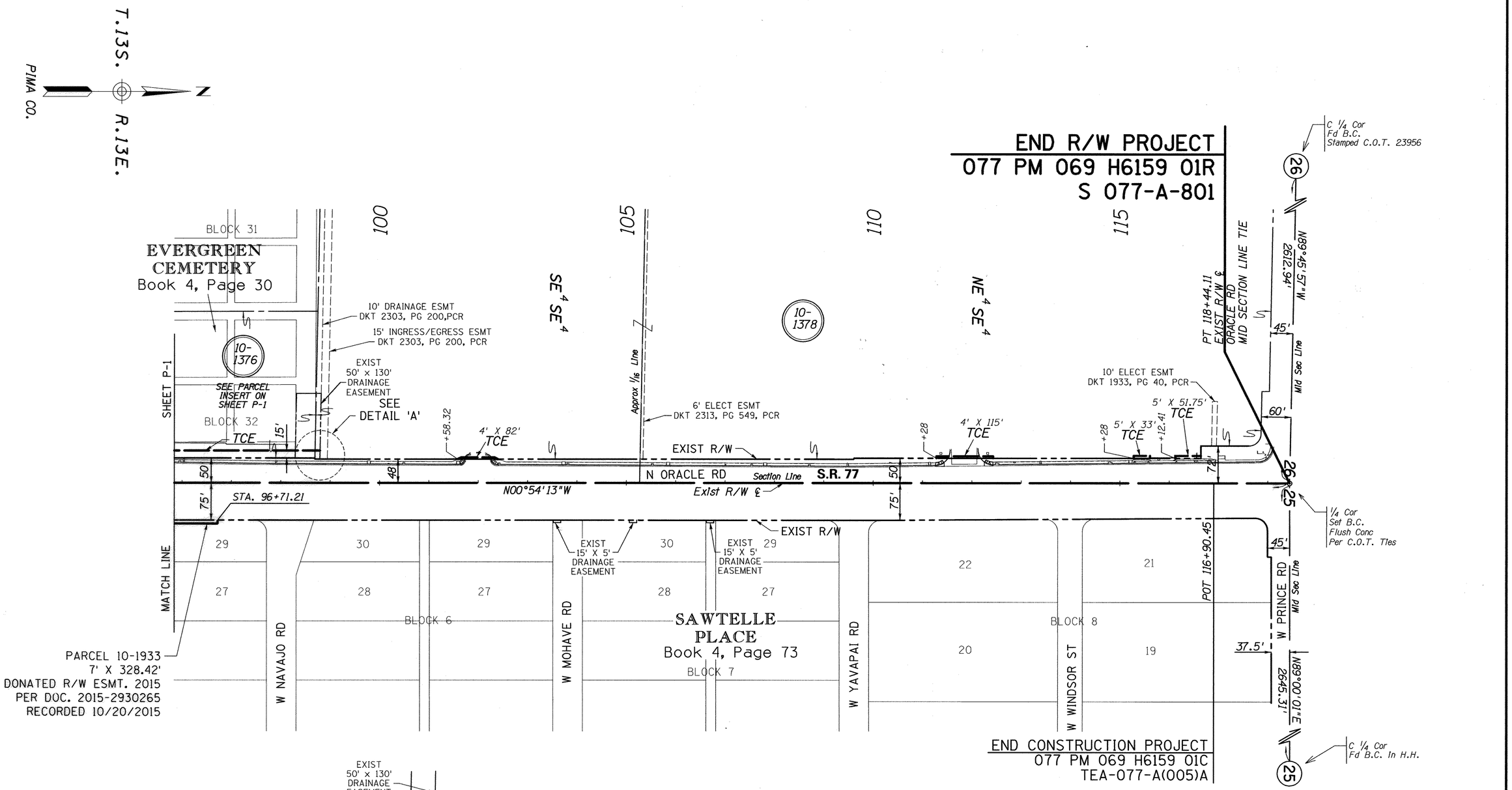
DRAWING NO.	D-10-T-388
SURVEY	AUG 2002
DRAWN/DATE	A GRASS 8/02
ADOT REVIEW	D. RODRIGUEZ
amec	
ROUTE NO.: SR 77	SECTION NAME: Miracle Mile Rd - Prince Rd

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

HIGHWAY NAME: TUCSON - ORACLE JCT - GLOBE
FEDERAL IDENTIFICATION NO.: S 077-A-801
TRACS NO. 077 PM 069 H6159 01R

REGISTERED LAND SURVEYOR
CERTIFICATE NO. 15573
GERALD HUGHES
Date Signed 2/11/14
ARIZONA U.S.A.

SHEET P-1



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CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
PM-15-075	11/09/15	JZ	Added Donation Par. 10-1933

DRAWING NO.	D-10-T-388
SURVEY	AUG 2002
DRAWN/DATE	A GRASS 8/02
ADOT REVIEW	D. RODRIGUEZ
amec	
ROUTE NO.: SR77	SECTION NAME: Miracle Mile Rd - Prince Rd

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

HIGHWAY NAME: TUCSON - ORACLE JCT - GLOBE
FEDERAL IDENTIFICATION NO.: S 077-A-801
TRACS NO. 077 PM 069 H6159 01R

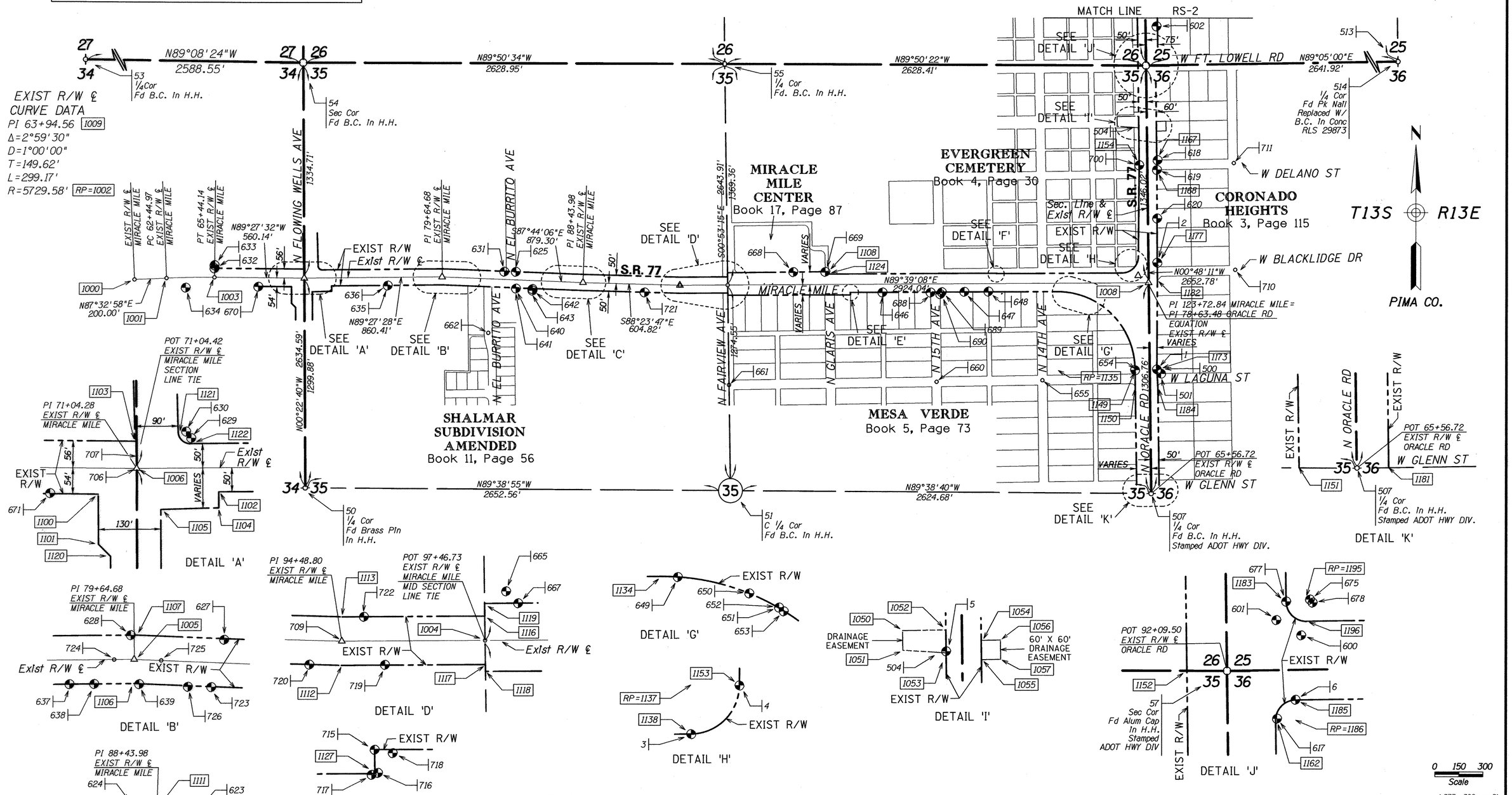
REGISTERED LAND SURVEYOR
15573
GERALD HUGHES
ARIZONA U.S.A.
Date Signed 11/09/15

SHEET P-2

PORTIONS OF THIS SURVEY HAVE BEEN SUPERSEDED BY SUPPLEMENTAL SURVEY SHEETS SS-1 TO SS-7

RESULTS OF SURVEY

Click here for SR 77 Index



...\077rw069.srvy01

LEGEND

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

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
N/A	5/11/15	TSS	Added Supplemental Survey Ref Note.

DRAWING NO.	D-10-T-388
SURVEY	NOV 2002
DRAWN/DATE	A GRASS 12/02
ADOT REVIEW	D. RODRIGUEZ
amec	
ROUTE NO.: SR 77	SECTION NAME: Miracle Mile - Prince Rd

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

HIGHWAY NAME: TUCSON-ORACLE JCT-GLOBE
FEDERAL IDENTIFICATION NO.: S 077-A-801
TRACS NO. 077 PM 069 H6159 01R

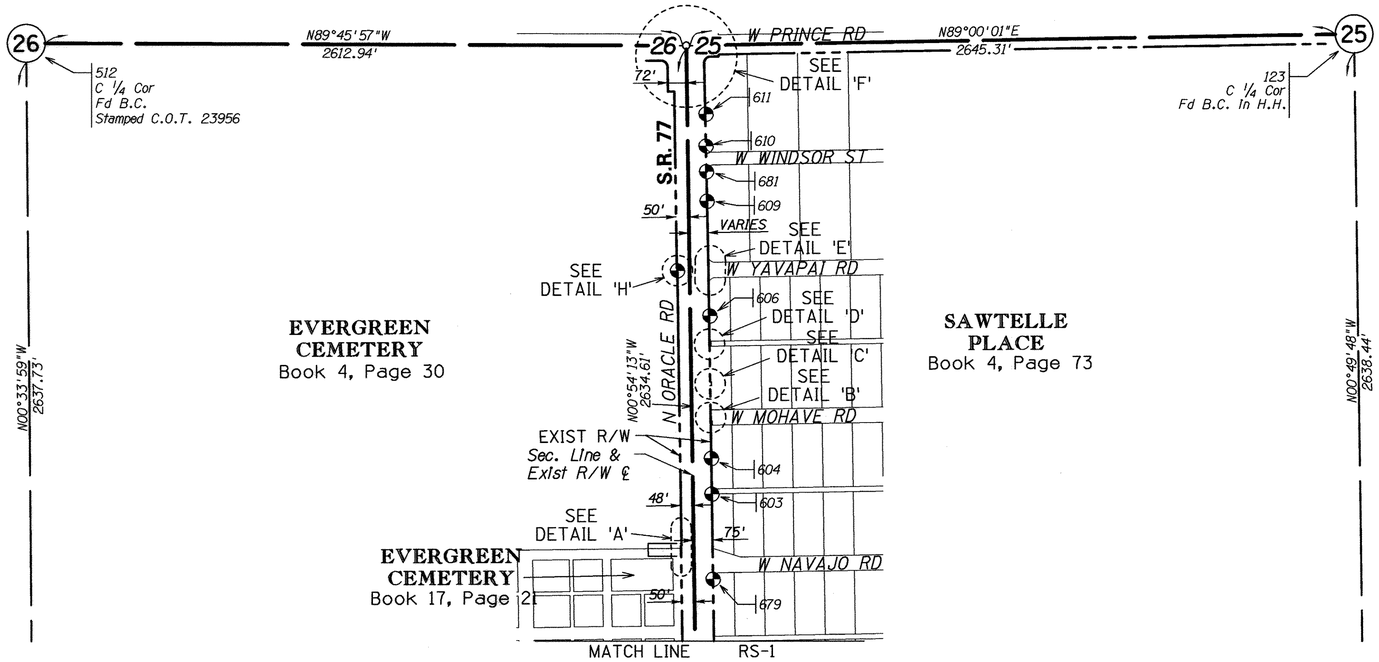
REGISTERED LAND SURVEYOR 15573 GERALD HUGHES ARIZONA U.S.A.

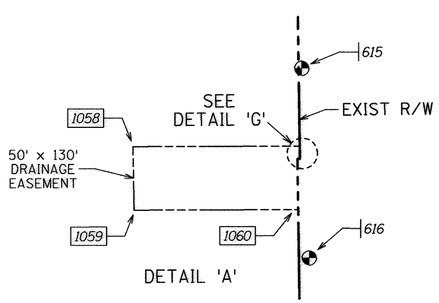
SHEET RS-1

RESULTS OF SURVEY

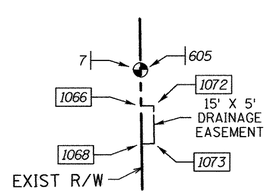
PORTIONS OF THIS SURVEY HAVE BEEN SUPERSEDED BY SUPPLEMENTAL SURVEY SHEETS SS-1 TO SS-7

Click here for SR 77 Index





DETAIL 'A'



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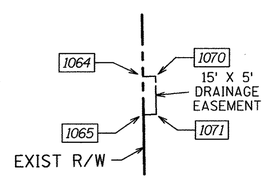

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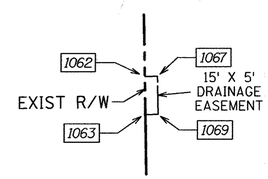
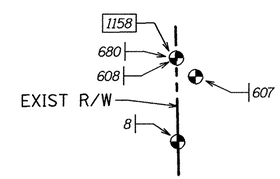
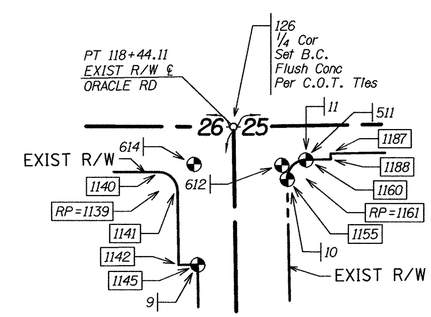


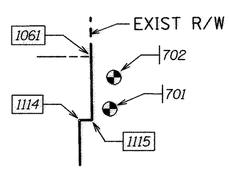
DETAIL 'D'



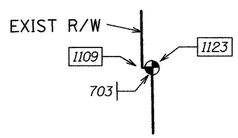
DETAIL 'E'



DETAIL 'F'



DETAIL 'G'



DETAIL 'H'

0 150 300
Scale

...\077rw069.srvy02

LEGEND

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

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
N/A	5/11/15	TSS	Added Supplemental Survey Ref Note.

DRAWING NO.	D-10-T-388
SURVEY	NOV 2002
DRAWN/DATE	A GRASS 12/02
ADOT REVIEW	D. RODRIGUEZ

amec

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

HIGHWAY NAME: TUCSON-ORACLE JCT-GLOBE

FEDERAL IDENTIFICATION NO.: S 077-A-801

TRACS NO. 077 PM 069 H6159 01R

ROUTE NO.: SR 77

SECTION NAME: Miracle Mile - Prince Rd

REGISTERED LAND SURVEYOR 15573 GERALD HUGHES ARIZONA U.S.A.

SHEET RS-2

RESULTS OF SURVEY

PORTIONS OF THIS SURVEY HAVE BEEN SUPERSEDED BY SUPPLEMENTAL SURVEY SHEETS SS-1 TO SS-7

CALCULATED POINTS

PT.	NORTHING	EASTING	DESCRIPTION	PT.	NORTHING	EASTING	DESCRIPTION
1000	460026.28371	983922.15793	CL CALC	1115	462013.35607	990171.46240	XRW CALC
1001	460034.83537	984121.97502	CL CALC	1116	460042.80294	987621.89542	XRW CALC
1002	454310.49538	984366.96210	RP	1117	459942.81050	987623.44421	XRW CALC
1003	460039.81993	984421.06627	CL CALC	1118	459928.73517	987623.66222	XRW CALC
1004	459992.80672	987622.66982	CL CALC	1119	460068.72512	987621.49391	XRW CALC
1005	460042.67386	985841.54855	CL CALC	1120	459852.52963	984927.52349	XRW CALC
1006	460034.53191	984981.32484	CL CALC	1121	460109.89243	985067.65619	XRW CALC
1008	460008.74772	990248.72399	CL CALC	1122	460085.59004	985092.88310	XRW CALC
1009	460041.23276	984271.45556	PI	1123	463105.05231	990154.24429	XRW CALC
1050	461038.33316	990049.17994	DE CALC	1124	460061.04602	988251.32962	XRW CALC
1051	460977.34027	990050.11111	DE CALC	1127	459931.93872	988388.04680	XRW CALC
1052	461040.39535	990184.25691	DE CALC	1130	460067.27387	989300.51480	XRW CALC
1053	460969.40196	990185.25226	DE CALC	1131	460064.77391	989300.52964	XRW CALC
1054	461008.22613	990294.60931	DE CALC	1134	459953.09968	989676.42542	XRW CALC
1055	460948.20153	990295.42108	DE CALC	1135	459467.10524	989678.74936	RP
1056	461009.14204	990354.60241	DE CALC	1137	460171.50332	990081.81104	RP
1057	460949.11743	990355.41418	DE CALC	1138	460069.41511	990082.41703	XRW CALC
1058	462023.76879	990039.28176	DE CALC	1139	463904.32275	990089.63182	RP
1059	461973.76608	990040.07040	DE CALC	1140	463929.32254	990089.73404	XRW CALC
1060	461973.36015	990170.09297	DE CALC	1141	463904.71700	990114.62871	XRW CALC
1061	462023.35661	990171.30468	DE CALC	1142	463807.80771	990116.15716	XRW CALC
1062	462821.09916	990281.73807	DE CALC	1145	463808.20196	990141.15405	XRW CALC
1063	462806.10091	990281.97462	DE CALC	1149	459467.73038	990164.74896	XRW CALC
1064	462665.11712	990284.19820	DE CALC	1150	459358.11464	990166.65167	XRW CALC
1065	462650.11891	990284.43475	DE CALC	1151	458702.67783	990177.14256	XRW CALC
1066	462511.13490	990286.62679	DE CALC	1152	461354.77502	990179.84922	XRW CALC
1067	462821.17674	990286.73921	DE CALC	1153	460170.66957	990183.89764	XRW CALC
1068	462496.13661	990286.86334	DE CALC	1154	460736.44702	990188.51835	XRW CALC
1069	462806.17842	990286.97186	DE CALC	1155	463920.02704	990259.40582	XRW CALC
1070	462665.19478	990289.20476	DE CALC	1158	463161.83682	990276.36399	XRW CALC
1071	462650.19635	990289.42741	DE CALC	1160	463945.46147	990283.86621	XRW CALC
1072	462511.21247	990291.62729	DE CALC	1161	463920.58608	990284.39957	RP
1073	462496.21427	990291.86994	DE CALC	1162	461293.15054	990290.72542	XRW CALC
1100	459981.27896	984901.67417	XRW CALC	1167	460767.96475	990298.08735	XRW CALC
1101	459877.75121	984902.35668	XRW CALC	1168	460707.96659	990298.92839	XRW CALC
1102	459986.14666	985152.16478	XRW CALC	1173	459470.67704	990301.27505	XRW CALC
1103	460090.56158	984978.16001	XRW CALC	1177	460134.12226	990301.97287	XRW CALC
1104	459953.14863	985152.52936	XRW CALC	1181	458703.07503	990317.03152	XRW CALC
1105	459949.59318	985031.88746	XRW CALC	1182	460023.67058	990303.52039	XRW CALC
1106	459992.66450	985840.79674	XRW CALC	1183	461440.83011	990303.50752	XRW CALC
1107	460092.68321	985842.30037	XRW CALC	1184	459360.31294	990307.81851	XRW CALC
1108	460075.84390	988251.09486	XRW CALC	1185	461318.49775	990315.32296	XRW CALC
1109	463105.02077	990152.24454	XRW CALC	1186	461293.50095	990315.72296	RP
1110	459957.95230	986718.47408	XRW CALC	1187	463954.00679	990336.87905	XRW CALC
1111	460057.89698	986721.84946	XRW CALC	1188	463946.50771	990336.99733	XRW CALC
1112	459940.99394	987324.19258	XRW CALC	1195	461441.22436	990328.50441	RP
1113	460041.00244	987325.28870	XRW CALC	1196	461416.22756	990328.90441	XRW CALC
1114	462013.36231	990169.46206	XRW CALC				

GENERAL NOTES

UNITS = INTERNATIONAL FEET = 1 FOOT = 0.3048 METERS EXACTLY

ONE NGS CONTROL STATION WAS USED TO ESTABLISH THE CONTROL BASELINE FOR THIS SURVEY AND IT IS AS FOLLOWS:

N419 NAD 83 (1992) 32°12'48.50741" (N) 110°59'17.66498" (W)
GRID COORDINATES N 442,633.0446 E 987,135.7218

ONE ADOT P&M CONTROL POINT WAS USED TO ESTABLISH CONTROL BASELINE FOR THIS SURVEY AND IT IS AS FOLLOWS:

3658-28 NAD 83 (1992) 32°15'01.76078" (N) 110°59'53.73127" (W)
GRID COORDINATES N 456,072.3601 E 983,922.0259

ADDITIONAL CONTROL POINTS WERE THEN LOCATED/ESTABLISHED BY AZTEC. THEY ARE AS FOLLOWS 1-11 = FD. MON.S 93-99 = SET CTL BY AZTEC

THE ABOVE VALUES WERE ENTERED INTO A TRIMBLE DATA COLLECTOR MODEL TSC1 WITH THE FOLLOWING PARAMETERS SET FOR THE BASIS OF THIS SURVEY:

SYSTEM: UNITED STATES STATE PLANE 1983
ZONE: ARIZONA CENTRAL 0202
DATUM: NORTH AMERICAN 1983 (CONUS) EQUIVALENT TO WGS-84
GEOID MODEL: GEOID99 (CONTINENTAL US)

TRIMBLE 4700 GPS EQUIPMENT WAS USED FOR ALL FIELD SURVEY MEASUREMENTS. DIRECT SATELLITE MEASUREMENTS WERE MADE ON EACH POINT ON THE NORTH AMERICAN DATUM OF 1983 WITH AUTOMATIC TRANSLATIONS MADE TO THE STATE PLANE GRID SYSTEM.

GPS CALIBRATION AND TRANSLATION TO THE SURFACE WAS PERFORMED BY TRIMBLE SURVEY OFFICE SOFTWARE. A COMBINED SCALE FACTOR OF 1.000119 AND ORIGIN VALUES OF NO.000. EO.000 WERE USED FOR THE TRANSLATION TO THE SURFACE.

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

MONUMENT VERIFICATION AND ACCEPTANCE:

THE MONUMENTATION SHOWN ON THIS "RESULTS OF SURVEY" WAS BASED ON AN OBSERVATION AND EVALUATION OF PHYSICAL CORROBORATING EVIDENCE IN THE FIELD. AND A REVIEW AND ANALYSIS OF EXISTING DRAWINGS, PLATS, AND NOTES READILY AVAILABLE AT THE TIME THE SURVEY WAS PREPARED. AN EXISTING RIGHT OF WAY REPORT WAS PREPARED BY ADOT. THIS REPORT DID NOT PROVIDE DOCUMENTATION FOR THE AQUISTION OF ALL PORTIONS OF THE AREA SHOWN HEREON AS EXISTING RIGHT OF WAY. IT HAS BEEN ASSUMED THAT WHAT IS SHOWN ON THE STRIP MAPS WAS AQUIRED BY OTHER MEANS FOR HE PURPOSES OF THIS SURVEY

MISCELLANEOUS MONUMENTATION

PT.	NORTHING	EASTING	DESCRIPTION
513	461395.26455	992768.61768	FD BC
655	459404.16421	989586.94205	FD BC
660	459393.98036	988926.75777	FD BC FLUSH
661	459373.72285	987631.98295	FD BC FLUSH
662	459695.85693	986129.76780	FD BC FLUSH
675	461443.37095	990333.27539	FD ½ RB BENT
710	460090.32036	990788.97515	FD BC FLUSH
711	460750.27722	990778.58026	FD BC FLUSH

SECTION MONUMENTATION

PT.	NORTHING	EASTING	DESCRIPTION
50	458734.67831	984989.89415	FD ⅜ BRASS PIN IN HH
51	458718.40641	987642.40905	FD BC IN HH
53	461408.06591	982384.26365	FD BC IN HH
54	461369.20841	984972.52595	FD BC IN HH
55	461361.99891	987601.46235	FD BC IN HH
57	461354.63491	990229.85765	FD AC IN HH
123	464035.07311	992833.22205	FD BC IN HH
126	463988.92000	990188.31000	SET BC FLUSH
507	458702.12000	990267.04000	FD BC IN HH
512	463999.60339	987575.39109	FD BC IN HH STAMPED COT 23956
514	461396.90616	992871.43987	FD PK NAIL SET BCF STAMPED 29873

Click here for SR 77 Index

...\077rw069.srvy03

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
N/A	5/11/15	TSS	Added Supplemental Survey Ref Note.

DRAWING NO.	D-10-T-388
SURVEY	NOV 2002
DRAWN/DATE	A GRASS 12/02
ADOT REVIEW	D. RODRIGUEZ

amec

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

HIGHWAY NAME: TUCSON-ORACLE JCT-GLOBE
FEDERAL IDENTIFICATION NO.: S 077-A-801
TRACS NO. 077 PM 069 H6159 01R
ROUTE NO.: SR 77
SECTION NAME: Miracle Mile - Prince Rd

REGISTERED LAND SURVEYOR 15573 GERALD HUGHES Date Signed 11-6-2015 ARIZONA U.S.A.

SHEET RS-3

PORTIONS OF THIS SURVEY HAVE BEEN SUPERSEDED BY SUPPLEMENTAL SURVEY SHEETS SS-1 TO SS-7

RESULTS OF SURVEY

MIRACLE MILE EXISTING R/W MONUMENTATION

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
621	460063.71945	989303.39275	ADOT ANGLE IRON	114+27.86	60.71 LT
622	460056.00584	986814.61240	ADOT ANGLE IRON	89+37.05	50.71 LT
623	460056.00802	986811.60864	½ RB	89+34.05	50.62 LT
624	460060.85738	986672.14937	½ RB	87+93.92	50.99 LT
625	460074.73950	986300.65510	½ RB	84+22.16	50.18 LT
627	460083.32466	986028.27169	½ RB	81+49.65	48.00 LT
628	460092.63521	985834.25476	NAIL	79+57.86	50.03 LT
629	460097.23734	985094.74748	RR SPIKE	72+18.43	61.63 LT
630	460110.98677	985084.04611	8D NAIL	72+07.86	75.48 LT
631	460075.56725	986228.99227	½ RB	83+50.52	48.18 LT
632	460095.91479	984420.94611	½ RB	65+43.49	56.09 LT
633	460115.55697	984421.05879	½ RB IN OP	65+43.42	75.73 LT
634	459976.18824	984241.75826	2 IN OP	63+63.44	62.50 RT
635	459989.61241	985501.76821	½ RB	76+24.42	49.84 RT
636	459989.61999	985502.20335	1 IN OP	76+24.85	49.84 RT
637	459991.59970	985706.89161	½ RB	78+29.55	49.80 RT
638	459992.04573	985758.11135	½ RB	78+80.77	49.84 RT
639	459991.71614	985851.72207	½ RB	79+76.86	50.52 RT
640	459974.35346	986301.75455	½ RB	84+27.23	50.08 RT
641	459970.98856	986301.73219	½ RB	84+27.34	53.44 RT
642	459967.87354	986404.12795	¼ RB IN CONC	85+29.78	52.51 RT
643	459958.03123	986405.30132	1.5 IN AL OP	85+31.34	62.30 RT
644	459966.63214	986501.35796	½ IRON ROD	86+26.98	49.91 RT
645	459958.02076	986733.81815	ADOT ANGLE IRON	88+59.03	49.50 RT
646	459948.08315	988587.96192	1 IN OP	107+11.74	50.58 RT
647	459952.28401	989098.39342	PK NAIL	112+22.18	49.48 RT
648	459954.09187	989248.41196	PK NAIL	113+72.21	48.58 RT
649	459952.01850	989711.23212	½ RB	118+35.01	53.47 RT
650	459918.34784	989859.96755	¾ IN OP	119+83.54	88.04 RT
651	459889.19367	989921.89154	1 IN OP	120+45.28	117.57 RT
652	459889.24431	989922.30375	1.5 IN AC	120+45.70	117.52 RT
653	459881.29090	989931.58450	BC ON HDWL	120+54.93	125.53 RT
665	460094.02892	987666.20423	½ RB	97+90.88	100.96 LT
667	460069.49055	987691.33466	½ RB	98+15.86	76.27 LT
668	460073.58699	988031.37663	½ RB	101+55.92	78.30 LT
669	460075.48143	988231.04096	1 IN AC	103+55.59	78.98 LT
670	459982.02633	984694.06094	½ RB	68+17.67	55.21 RT
671	459983.61796	984801.61522	⅝ RB BENT	69+25.20	52.61 RT
688	459947.54925	988887.89732	½ RB	110+11.66	52.94 RT
689	459949.53541	988957.71333	1.5 IN OP	110+81.49	51.37 RT
690	459937.21816	988948.34859	16D NAIL	110+72.05	63.63 RT
707	460051.61816	984981.10649	1 IN COT AC	71+04.04	17.09 LT
715	459946.93859	988387.98394	¾ IN OP	105+11.75	50.51 RT
716	459932.63831	988390.09809	⅝ SQ IRON ROD	105+13.78	64.83 RT
717	459931.41393	988386.12897	⅞ IRON ROD	105+09.81	66.03 RT
718	459944.84047	988399.28736	⅞ IRON ROD	105+23.05	52.68 RT
719	459942.42619	987414.49855	⅝ IRON ROD	95+38.26	49.12 RT
720	459942.82805	987257.36053	½ RB	93+82.79	50.04 RT
721	459947.18496	987103.98478	4D NAIL	92+29.36	49.97 RT
722	460041.48369	987370.53287	½ RB	94+94.90	50.21 LT
723	459985.56979	986001.69743	½ RB	81+26.96	50.73 RT
726	459986.33546	985953.02687	½ RB	80+78.30	51.89 RT

ORACLE RD EXISTING R/W MONUMENTATION

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
500	459471.43838	990301.56388	AC	73+25.48	45.30 RT
501	459446.36000	990327.12000	AC	73+00.05	70.51 RT
504	460974.29000	990185.19000	AC	88+29.82	49.99 LT
511	463945.70334	990284.06057	AC	117+99.39	95.06 RT
600	461398.99614	990322.36027	½ RB	92+52.40	93.19 RT
601	461417.88801	990291.32993	2.5 OP BENT	92+71.78	62.46 RT
602	461597.15100	990294.81572	½ RB BENT	94+50.96	68.77 RT
603	462227.38146	990291.12752	½ RB	100+81.17	75.03 RT
604	462367.45284	990288.80802	½ RB	102+21.26	74.92 RT
605	462527.57034	990286.29439	½ RB	103+81.40	74.93 RT
606	462927.64096	990282.69355	½ RB BENT	107+81.48	77.64 RT
607	463137.35110	990299.04582	ADOT ANGLE IRON	109+90.90	97.29 RT
608	463160.12749	990276.21036	ADOT ANGLE IRON	110+14.04	74.82 RT
609	463378.31119	990272.96964	1.5 IN AC	112+32.24	75.02 RT
610	463595.00544	990266.42468	CHISELED X	114+49.02	71.89 RT
611	463720.61646	990266.74801	½ RB	115+74.61	74.20 RT
612	463938.68336	990252.18179	½ RB	117+92.88	63.07 RT
614	463939.78460	990136.23164	½ RB	117+95.80	52.85 LT
615	462094.31411	990172.61577	½ RB	99+49.99	45.57 LT
616	461944.95612	990178.63705	40D NAIL	98+00.56	41.90 LT
617	461295.55739	990292.40815	1.5 OP FLUSH	91+49.55	61.72 RT
618	460768.19362	990302.88879	AC	86+22.09	64.80 RT
619	460707.86087	990298.92874	AC	85+61.82	60.00 RT
620	460407.44358	990300.46266	½ RB	82+61.41	57.32 RT
654	459466.96613	990164.74934	3 IN AC	73+22.93	91.56 LT
675	461443.37095	990333.27539	½ RB BENT	92+96.59	104.80 RT
677	461440.73531	990303.49439	½ RB	92+94.43	74.99 RT
678	461439.54465	990336.52855	½ RB	92+92.72	108.00 RT
679	461892.43462	990296.36366	½ RB	97+46.18	74.98 RT
680	463162.08852	990276.05497	3 IN ADOT AC	110+16.00	74.69 RT
681	463495.03775	990268.67100	3 IN ADOT AC	113+49.02	72.56 RT
700	460736.44361	990188.27484	1.5 IN OP	85+91.95	50.24 LT
701	462024.81335	990174.09437	RB	98+80.47	45.19 LT
702	462029.78582	990174.73642	RB	98+85.44	44.47 LT
703	463105.05173	990154.20766	3 IN ADOT AC	109+60.89	48.04 LT

AMEC/AZTEC CONTROL POINTS

PT.	NORTHING	EASTING	DESCRIPTION
1	459471.44700	990301.52200	AC FLUSH
2	460133.66000	990302.17300	AC FLUSH
3	460069.05000	990082.39500	AC FLUSH
4	460169.70000	990183.88700	AC FLUSH
5	460974.28200	990185.14400	AC FLUSH
6	461319.01600	990315.43400	AC FLUSH
7	462527.51300	990286.34600	RB
8	463052.29500	990278.00500	AC FLUSH
9	463808.19900	990141.03200	AC FLUSH
10	463920.03700	990259.46700	AC FLUSH
11	463945.61800	990283.96300	AC FLUSH

EXISTING R/W LINE

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

1) ORIGINAL G.L.O. SURVEY OF T.13S., R.13E. GILA AND SALT RIVER MERIDIAN, FILED 3/20/1871

2) ADOT RIGHT OF WAY PLANS PROJECT NO. F-031-1(12)-, F-031-1-703 AND F-011-1(1).

3) ADOT ENGINEERING RECORDS AS-BUILT PLANS PROJECT NO. F-011-1(1)

4) ADOT RIGHT OF WAY STRIP MAP NO. NON F.A.S. 111

5) SEE FINAL PLATS REFERENCED, THIS SHEET.

LEFT SIDE			RIGHT SIDE		
PT.	STATION	OFFSET	PT.	STATION	OFFSET
-- MIRACLE MILE ALIGNMENT --			-- MIRACLE MILE ALIGNMENT --		
1103	71+00.73	56.00 LT	1100	70+25.28	54.00 RT
1121	71+91.46	74.54 LT	1101	70+26.94	157.52 RT
1122	72+16.46	50.00 LT	1120	70+52.34	182.50 RT
1107	79+65.92	50.00 LT	1105	71+54.18	85.41 RT
1111	88+43.69	50.00 LT	1104	72+74.85	83.00 RT
1113	94+49.65	50.00 LT	1102	72+74.79	50.00 RT
1116	97+46.26	50.00 LT	1106	79+63.46	50.00 RT
1119	97+46.02	75.92 LT	1110	88+44.28	20.00 RT
1108	103+75.65	79.22 LT	1112	94+49.65	50.00 RT
1124	103+75.80	64.42 LT	1117	97+47.20	50.00 RT
1130	114+25.00	64.28 LT	1118	97+47.34	64.08 RT
1131	114+25.00	61.78 LT	1127	105+11.73	65.51 RT
1138	122+06.90	61.68 LT	715	105+11.75	50.51 RT
1137	RADIUS PT	- - -	1134	118+00.21	52.17 RT
1153	123+08.99	162.31 LT	1135	RADIUS PT	- - -
-- ORACLE RD ALIGNMENT --			-- ORACLE RD ALIGNMENT --		
1151	65+58.54	89.88 LT	1181	65+56.98	50.00 RT
1150	72+14.06	91.18 LT	1184	72+14.28	50.00 RT
1149	73+23.69	91.55 LT	1173	73+24.73	45.00 RT
1135	RADIUS PT	- - -	1182	78+77.63	55.00 RT
1134	78+15.86	573.02 LT	1177	79+88.10	55.00 RT
1138	79+26.47	165.44 LT	1168	85+61.93	60.00 RT
1137	RADIUS PT	- - -	1167	86+21.93	60.00 RT
1153	80+26.30	62.55 LT	1162	91+47.17	60.00 RT
1154	85+91.95	50.00 LT	1186	RADIUS PT	- - -
1152	92+10.43	50.00 LT	1185	91+72.17	84.95 RT
1114	98+69.10	50.00 LT	1196	92+69.52	100.01 RT
1115	98+69.06	48.00 LT	1195	RADIUS PT	- - -
1123	109+60.89	48.00 LT	1183	92+94.52	75.00 RT
1109	109+60.89	50.00 LT	1158	110+15.74	75.00 RT
1145	116+64.16	50.00 LT	1155	117+74.11	70.00 RT
1142	116+64.16	75.00 LT	1161	RADIUS PT	- - -
1141	117+61.08	75.00 LT	1160	117+99.15	94.86 RT
1139	RADIUS PT	- - -	1188	117+99.36	148.00 RT
1140	117+86.08	99.50 LT	1187	118+06.86	148.00 RT

FINAL PLATS REFERENCED OFFICIAL RECORDS PIMA COUNTY

NAME	BOOK	PAGE	DATE	SEC.	T	R
EVERGREEN CEMETERY	4	30	3/1/1923	35&26	13S	13E
MESA VERDE	5	73	4/11/1950	35	13S	13E
SHALMAR SUBDIVISION	11	56	11/8/1955	35	13S	13E
MIRACLE MILE CENTER	17	87	7/29/1964	35	13S	13E
CORONADO HEIGHTS	3	115	9/16/1920	36	13S	13E
SAWTELLE PLACE	4	73	2/5/1925	25	13S	13E
EVERGREEN CEMETERY	17	21	11/7/1963	26	13S	13E

Click here for SR 77 Index

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CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
N/A	5/11/15	TSS	Added Supplemental Survey Ref Note.

DRAWING NO.	D-10-T-388
SURVEY	NOV 2002
DRAWN/DATE	A GRASS 12/02
ADOT REVIEW	D. RODRIGUEZ

amec

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

HIGHWAY NAME: TUCSON-ORACLE JCT-GLOBE
FEDERAL IDENTIFICATION NO.: S 077-A-801
TRACS NO. 077 PM 069 H6159 01R

REGISTERED LAND SURVEYOR 15573 GERALD HUGHES ARIZONA U.S.A. Exp. 6/30/2016

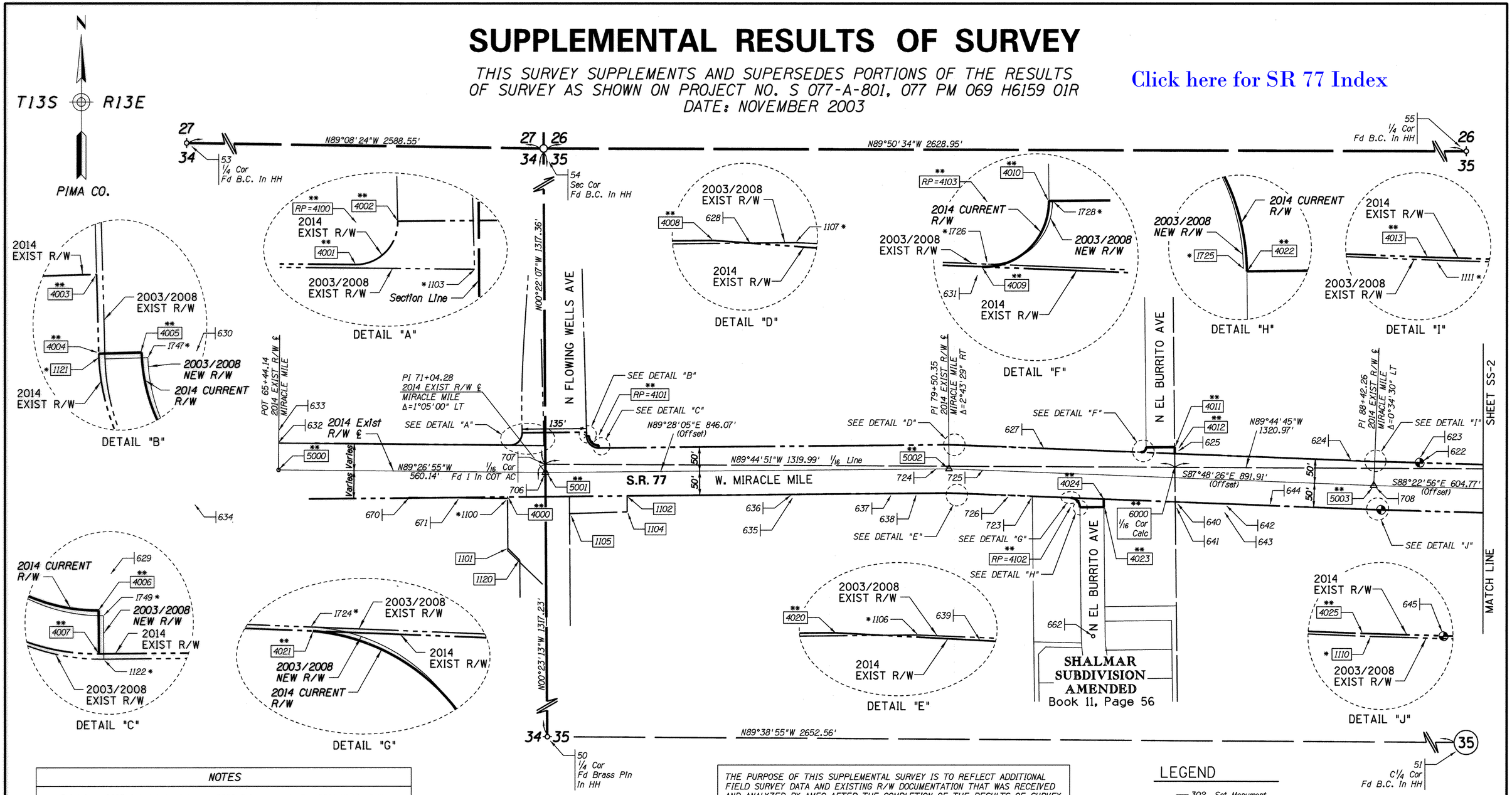
ROUTE NO.: SR 77
SECTION NAME: Miracle Mile - Prince Rd

SHEET RS-4

SUPPLEMENTAL RESULTS OF SURVEY

THIS SURVEY SUPPLEMENTS AND SUPERSEDES PORTIONS OF THE RESULTS OF SURVEY AS SHOWN ON PROJECT NO. S 077-A-801, 077 PM 069 H6159 01R
DATE: NOVEMBER 2003

Click here for SR 77 Index



NOTES

* Point is a 2003 Calculated point or a 2008 Set monument. See 2014 Right of Way Monumentation Survey for 2008 monuments that have been removed.

** Point is a 2014 Supplemental Survey Calculated point. See 2014 Right of Way Monumentation Survey plans for set monuments.

Basis of stationing for W. Miracle Mile Road is PT Sta 65+44.14 as shown on the Results of Survey Drawing No. D-10-T-388 signed 11/24/2003.

The "2003/2008 EXIST or NEW R/W" label reflects the existing or new R/W that is shown on R/W plans S 077-A-801 and S 077-A-802 that were developed in 2003 and first monumented in 2008.

The "2014 EXIST R/W" label reflects the current interpretation/re-calculation of the 2003/2008 existing R/W.

The "2014 CURRENT R/W" label reflects the current interpretation/re-calculation of the 2003/2008 new R/W.

THE PURPOSE OF THIS SUPPLEMENTAL SURVEY IS TO REFLECT ADDITIONAL FIELD SURVEY DATA AND EXISTING R/W DOCUMENTATION THAT WAS RECEIVED AND ANALYZED BY AMEC AFTER THE COMPLETION OF THE RESULTS OF SURVEY IN 2003, AS WELL AS TO SUPERSEDE PORTIONS OF THE 2003 SURVEY. THE PRIMARY ELEMENTS OF THE SUPPLEMENTAL SURVEY THAT SUPERSEDE THE 2003 SURVEY ARE THE CONFIGURATION OF THE EXISTING R/W CENTERLINES AND EXISTING R/W LINES, AS WELL AS THE ADDITION OF 1/16TH LINES ALONG MIRACLE MILE ROAD.

LEGEND

- 302 Set Monument
- 300 Found Monument
- 301 Calculated position

0 50 100
Scale

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CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
N/A	03-20-15	ST	ADDED THIS SHEET TO PLAN SET

DRAWING NO.	D-10-T-388
SURVEY	March 2008
DRAWN/DATE	S.Taylor Dec 14
ADOT REVIEW	D. Casdorph

amec

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

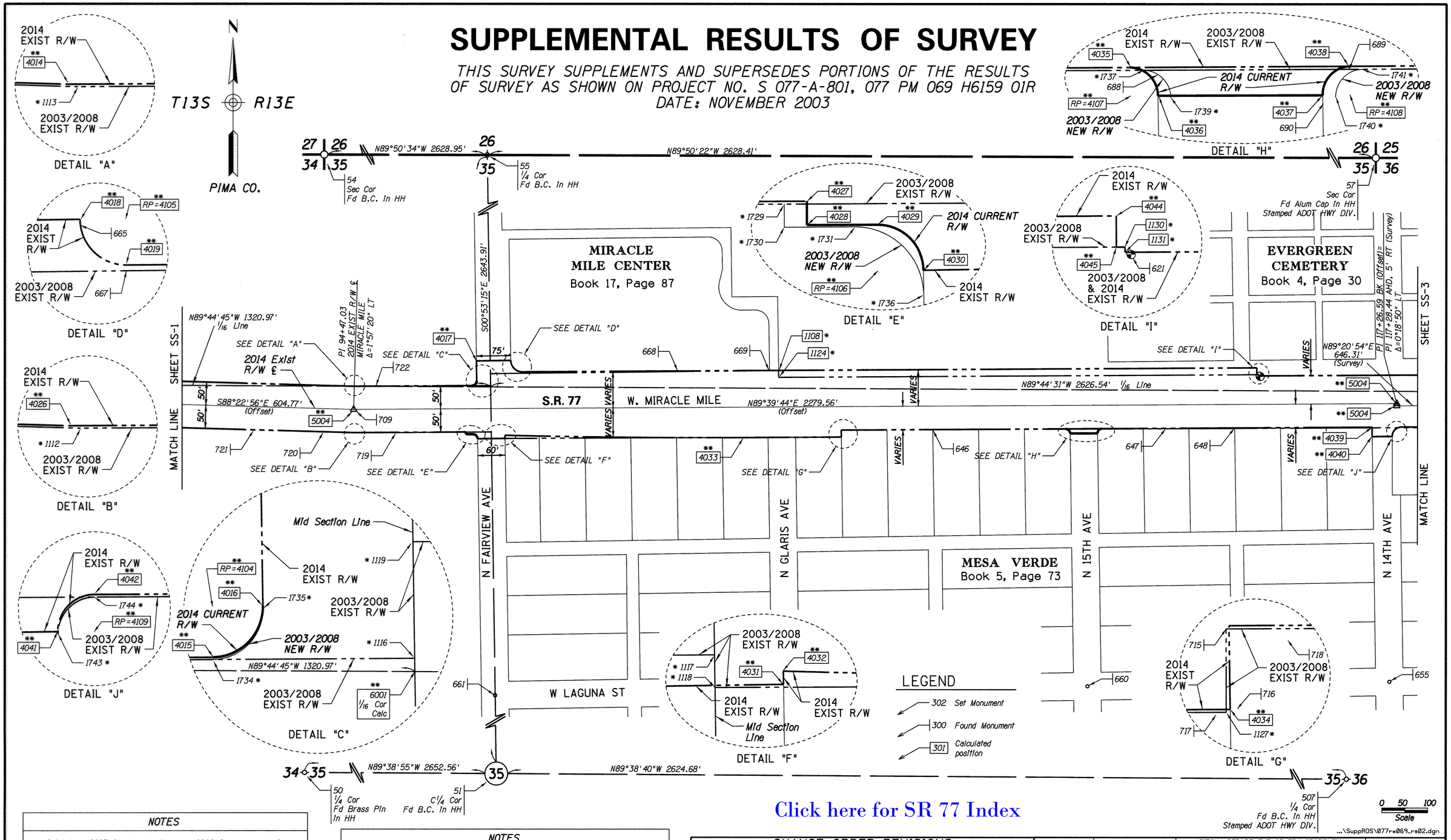
HIGHWAY NAME: TUCSON - ORACLE JCT - GLOBE
FEDERAL AID NO.: S 077-A-801
PROJECT NO.: 077 PM 069 H6159 01R
ROUTE NO.: S.R. 77
LOCATION: Miracle Mile Rd - Prince Rd

REGISTERED LAND SURVEYOR 40622 BRYAN L. CAMPBELL ARIZONA U.S.A. EXPIRES: 03/31/2016

SHEET SS-1

SUPPLEMENTAL RESULTS OF SURVEY

THIS SURVEY SUPPLEMENTS AND SUPERSEDES PORTIONS OF THE RESULTS OF SURVEY AS SHOWN ON PROJECT NO. S 077-A-801, 077 PM 069 H6159 01R
DATE: NOVEMBER 2003



Click here for SR 77 Index

NOTES

* Point is a 2003 Calculated point or a 2008 Set monument. See 2014 Right of Way Monumentation Survey for 2008 monuments that have been removed.

** Point is a 2014 Supplemental Survey Calculated point. See 2014 Right of Way Monumentation Survey plans for set monuments.

Basis of stationing for W. Miracle Mile Road is PT Sta 65+44.14 as shown on the Results of Survey Drawing No. D-10-T-388 signed 11/24/2003.

NOTES

The "2003/2008 EXIST or NEW R/W" label reflects the existing or new R/W that is shown on R/W plans S 077-A-801 and S 077-A-802 that were developed in 2003 and first monumented in 2008.

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CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
N/A	03-20-15	ST	ADDED THIS SHEET TO PLAN SET

DRAWING NO.	D-10-T-388
SURVEY	March 2008
DRAWN/DATE	S.Taylor Dec 14
ADOT REVIEW	D. Casdorph
amec	
ROUTE NO.:	S.R. 77
LOCATION:	Miracle Mile Rd - Prince Rd

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

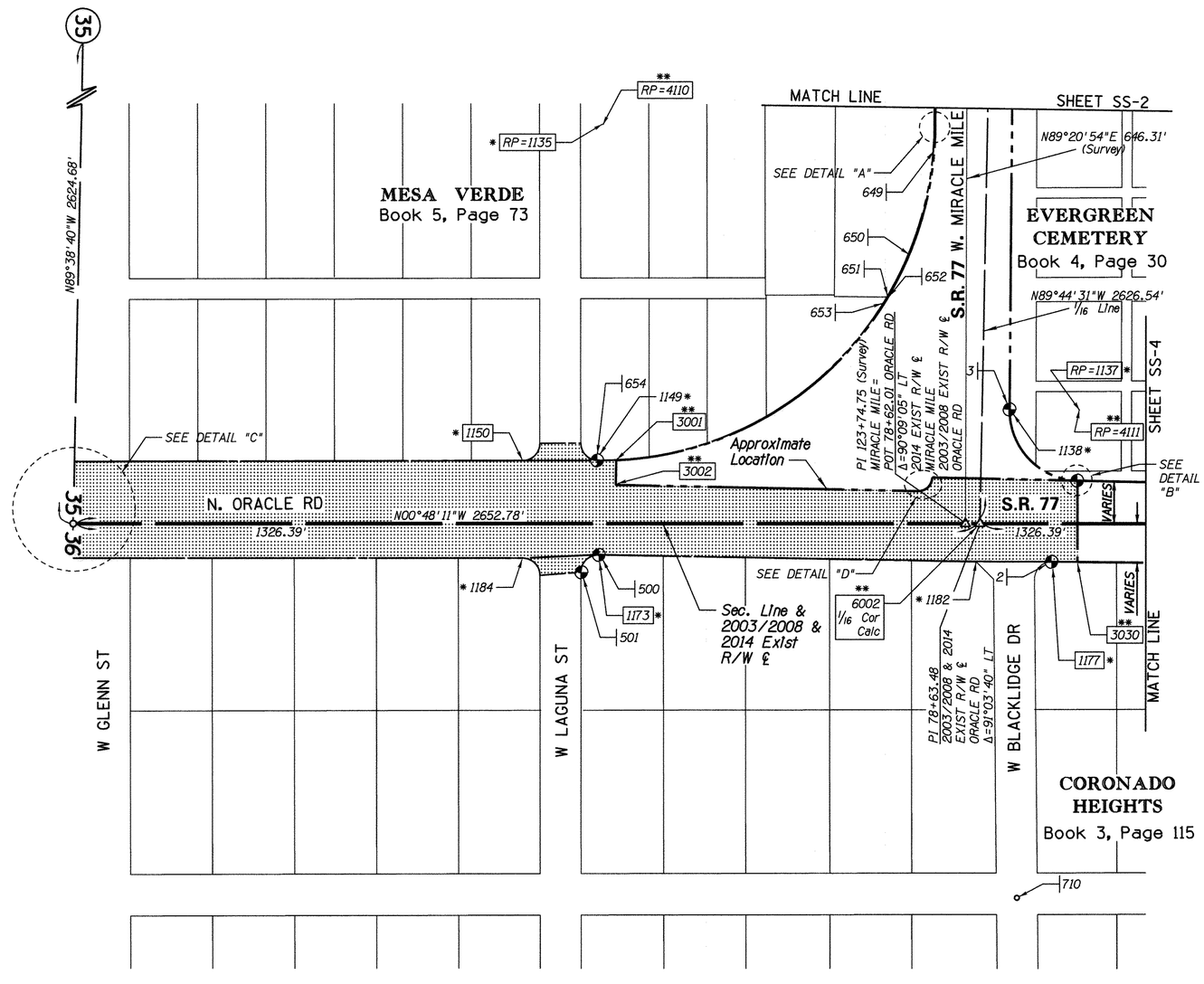
HIGHWAY NAME: TUCSON - ORACLE JCT - GLOBE
FEDERAL AID NO.: S 077-A-801
PROJECT NO.: 077 PM 069 H6159 01R

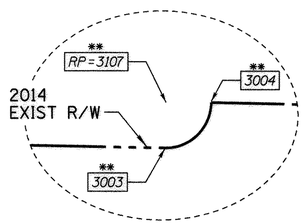
REGISTERED LAND SURVEYOR CERTIFICATE NO. 40622 BRYAN L. CAMPBELL Date Signed 11/24/15 ARIZONA, U.S.A. EXPIRES: 03/31/2016

SHEET SS-2

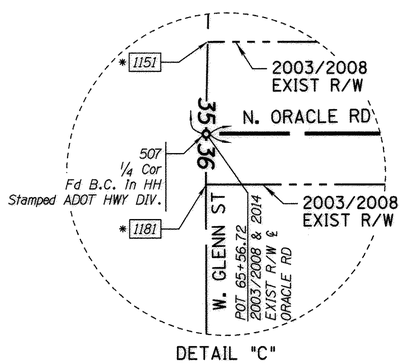
SUPPLEMENTAL RESULTS OF SURVEY

THIS SURVEY SUPPLEMENTS AND SUPERSEDES PORTIONS OF THE RESULTS OF SURVEY AS SHOWN ON PROJECT NO. S 077-A-801, 077 PM 069 H6159 01R
DATE: NOVEMBER 2003

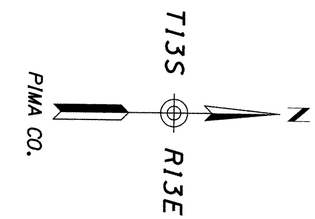


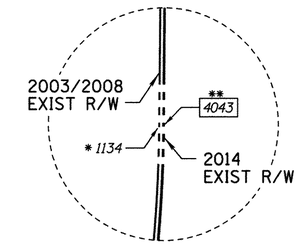


DETAIL "D"

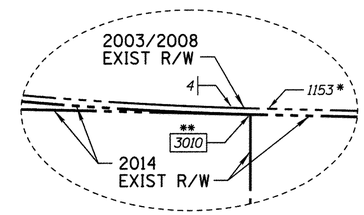


DETAIL "C"





DETAIL "A"



DETAIL "B"

LEGEND

- 302 Set Monument
- 300 Found Monument
- 301 Calculated position
- Area Abandoned to City of Tucson Abandonment Resolution No. 93-10-A-62, Recorded In Docket 9654, Page 604, Records of Pima County, Arizona

0 50 100
Scale

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NOTES

* Point is a 2003 Calculated point or a 2008 Set monument. See 2014 Right of Way Monumentation Survey for 2008 monuments that have been removed.

** Point is a 2014 Supplemental Survey Calculated point. See 2014 Right of Way Monumentation Survey plans for set monuments.

Basis of stationing for W. Miracle Mile Road is PT Sta 65+44.14 as shown on the Results of Survey Drawing No. D-10-T-388 signed 11/24/2003.

Basis of stationing for N. Oracle Road is PI Sta 78+63.48 as shown on the Results of Survey Drawing No. D-10-T-388 signed 11/24/2003.

NOTES

The "2003/2008 EXIST or NEW R/W" label reflects the existing or new R/W that is shown on R/W plans S 077-A-801 and S 077-A-802 that were developed in 2003 and first monumented in 2008.

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Click here for SR 77 Index

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
N/A	03-20-15	ST	ADDED THIS SHEET TO PLAN SET

DRAWING NO.	D-10-T-388
SURVEY	March 2008
DRAWN/DATE	S.Taylor Dec 14
ADOT REVIEW	D. Casdorph
amec	
ROUTE NO.:	S.R. 77
LOCATION:	Miracle Mile Rd - Prince Rd

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

HIGHWAY NAME: TUCSON - ORACLE JCT - GLOBE
FEDERAL AID NO.: S 077-A-801
PROJECT NO.: 077 PM 069 H6159 01R

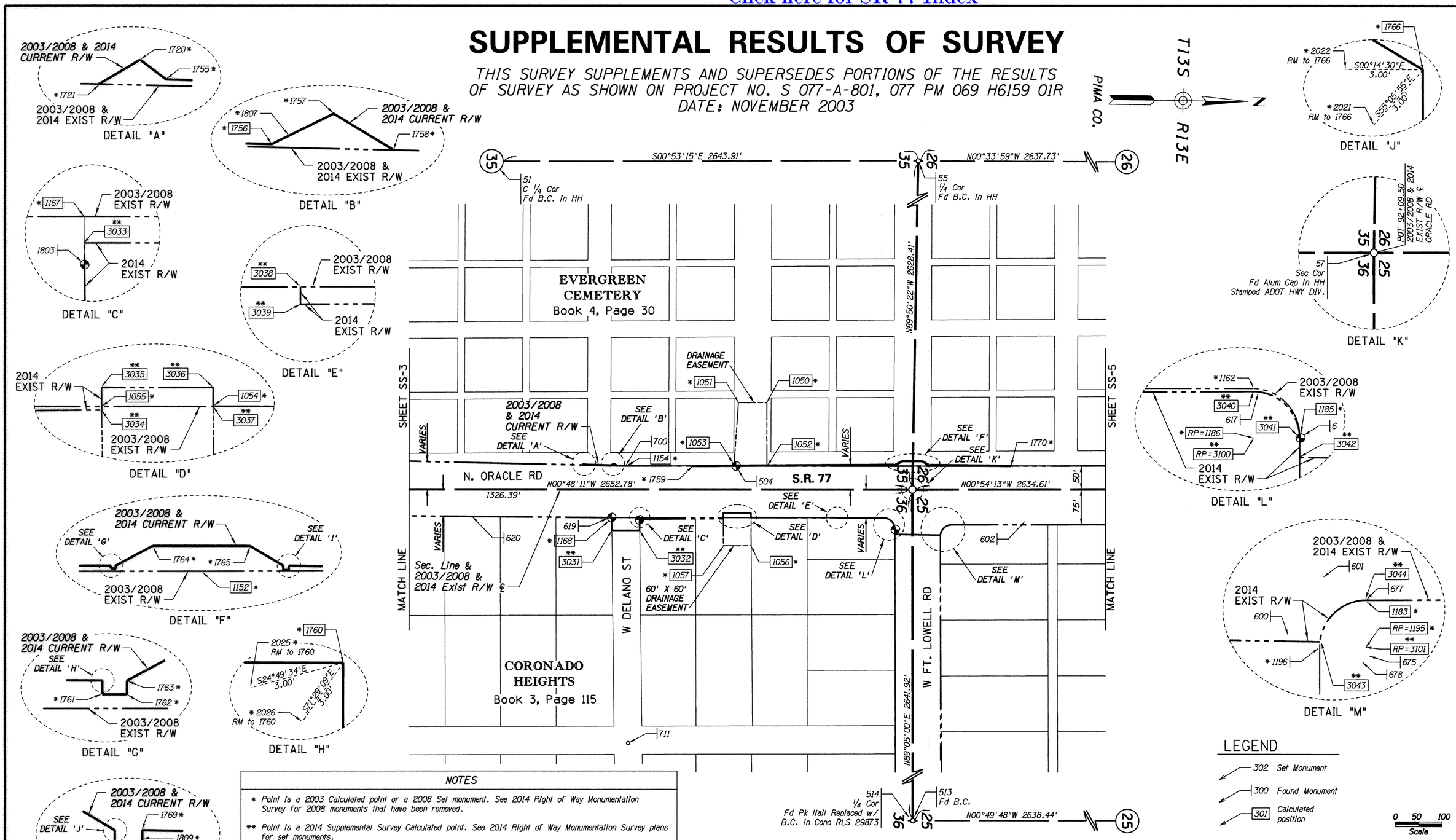
REGISTERED LAND SURVEYOR CERTIFICATE NO. 40622 BRYAN L. CAMPBELL ARIZONA U.S.A. EXPIRES: 03/31/2016

SHEET SS-3

Click here for SR 77 Index

SUPPLEMENTAL RESULTS OF SURVEY

THIS SURVEY SUPPLEMENTS AND SUPERSEDES PORTIONS OF THE RESULTS OF SURVEY AS SHOWN ON PROJECT NO. S 077-A-801, 077 PM 069 H6159 01R
DATE: NOVEMBER 2003



NOTES

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** Point is a 2014 Supplemental Survey Calculated point. See 2014 Right of Way Monumentation Survey plans for set monuments.

Basis of stationing for N. Oracle Road is PI Sta 78+63.48 as shown on the Results of Survey Drawing No. D-10-T-388 signed 11/24/2003.

The "2003/2008 EXIST or NEW R/W" label reflects the existing or new R/W that is shown on R/W plans S 077-A-801 and S 077-A-802 that were developed in 2003 and first monumented in 2008.

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The "2014 CURRENT R/W" label reflects the current interpretation/re-calculation of the 2003/2008 new R/W.

CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
N/A	03-20-15	ST	ADDED THIS SHEET TO PLAN SET

DRAWING NO.	D-10-T-388
SURVEY	March 2008
DRAWN/DATE	S.Taylor Dec 14
ADOT REVIEW	D. Casdorph
amec	
ROUTE NO.:	S.R. 77
LOCATION:	Miracle Mile Rd - Prince Rd

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

HIGHWAY NAME: TUCSON - ORACLE JCT - GLOBE
FEDERAL AID NO.: S 077-A-801
PROJECT NO.: 077 PM 069 H6159 01R

REGISTERED LAND SURVEYOR CERTIFICATE NO. 40622 BRYAN L. CAMPBELL Date Signed 12/11/15 ARIZONA U.S.A. EXPIRES: 03/31/2016

SHEET SS-4

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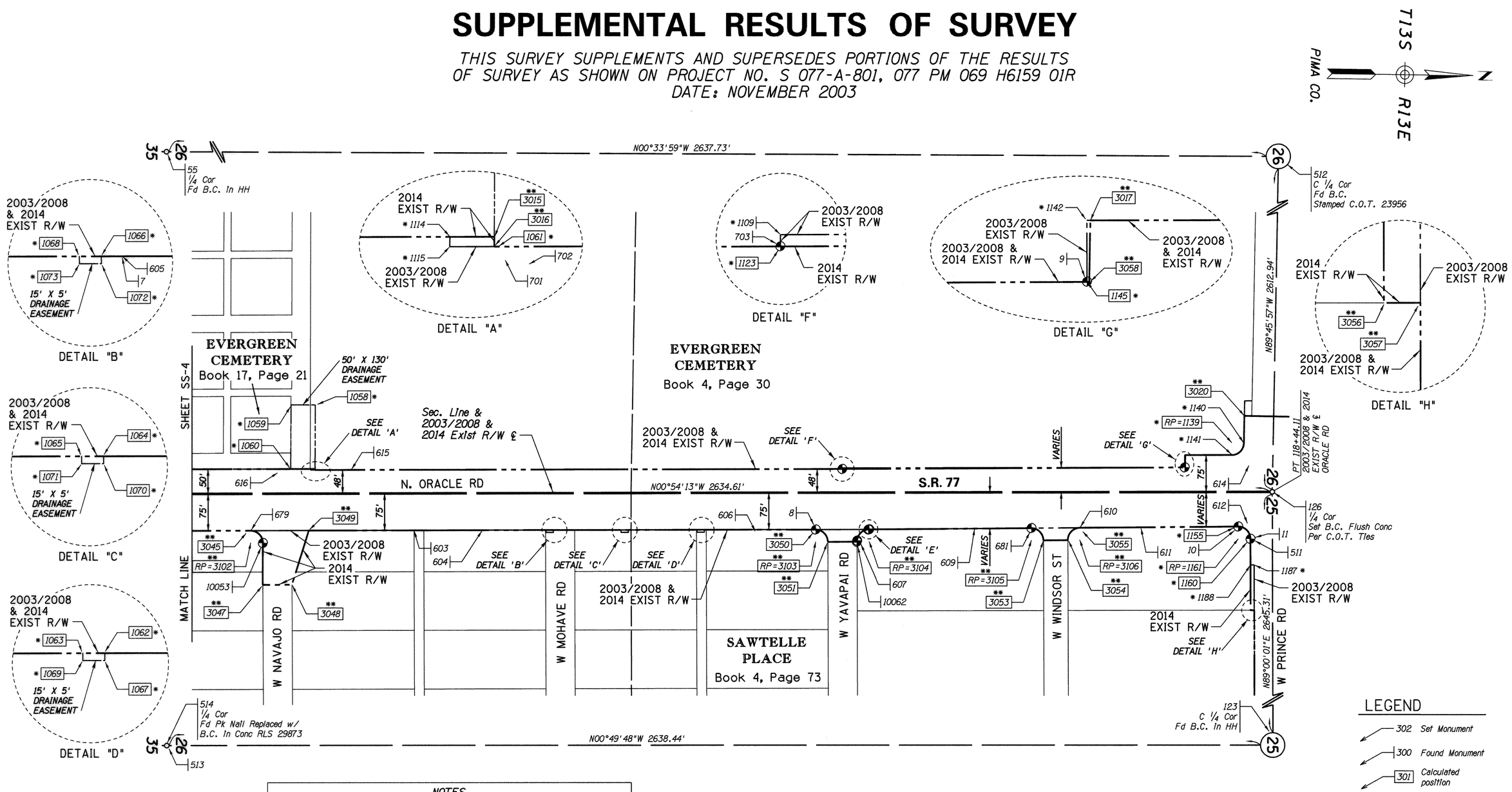
SUPPLEMENTAL RESULTS OF SURVEY

THIS SURVEY SUPPLEMENTS AND SUPERSEDES PORTIONS OF THE RESULTS OF SURVEY AS SHOWN ON PROJECT NO. S 077-A-801, 077 PM 069 H6159 01R
DATE: NOVEMBER 2003



NOTES

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Click here for SR 77 Index

0 50 100
Scale

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CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
N/A	03-20-15	ST	ADDED THIS SHEET TO PLAN SET

DRAWING NO.	D-10-T-388
SURVEY	March 2008
DRAWN/DATE	S.Taylor Dec 14
ADOT REVIEW	D. Casdorph
amec	
ROUTE NO.: S.R. 77	LOCATION: Miracle Mile Rd - Prince Rd

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

HIGHWAY NAME: TUCSON - ORACLE JCT - GLOBE
FEDERAL AID NO.: S 077-A-801
PROJECT NO.: 077 PM 069 H6159 01R

REGISTERED LAND SURVEYOR 40622 BRYAN L. CAMPBELL Date Signed 11/24/15 ARIZONA U.S.A. EXPIRES: 03/31/2016

SHEET SS-5

SUPPLEMENTAL RESULTS OF SURVEY

THIS SURVEY SUPPLEMENTS AND SUPERSEDES PORTIONS OF THE RESULTS OF SURVEY AS SHOWN ON PROJECT NO. S 077-A-801, 077 PM 069 H6159 01R
DATE: NOVEMBER 2003

2014 CALCULATED POINTS

PT.	NORTHING	EASTING	PT.	NORTHING	EASTING	PT.	NORTHING	EASTING
3001	459495.18755	990163.99085	3100	461293.50603	990316.04088	4031	459929.10588	987653.66013
3002	459494.98277	990199.90020	3101	461441.20715	990328.50468	4032	459935.82206	987653.55610
3003	459937.39012	990202.42311	3102	461892.21130	990321.39149	4033	459930.93895	988174.36440
3004	459957.50385	990182.30825	3103	463052.35948	990303.09516	4034	459932.17063	988388.21858
3010	460170.20027	990183.99834	3104	463162.34237	990301.15180	4035	459949.99232	988878.09857
3015	462022.48004	990169.31825	3105	463495.22700	990293.86092	4036	459940.14991	988888.15492
3016	462022.50352	990171.31813	3106	463595.20421	990291.67120	4037	459940.29583	988948.16006
3017	463809.24022	990116.13456	3107	459937.50418	990182.42344	4038	459950.45309	988958.10123
3020	463929.54776	990034.65052	4000	459984.08910	984901.45456	4039	459953.85279	989548.38385
3030	460171.85399	990301.97100	4001	460091.53750	984906.93889	4040	459933.47419	989548.70099
3031	460708.65879	990325.91952	4002	460117.22961	984932.16976	4041	459934.15660	989592.55080
3032	460768.65695	990325.07848	4003	460118.48343	985067.18703	4042	459954.22169	989612.43550
3033	460768.04036	990301.03555	4004	460110.17565	985067.41711	4043	459954.58733	989675.91986
3034	460948.06579	990297.60981	4005	460110.31407	985072.41519	4044	460082.21092	989296.23830
3035	460947.80684	990285.56539	4006	460090.86861	985092.59324	4045	460067.21119	989296.32734
3036	461007.80262	990284.72438	4007	460085.86883	985092.63967	4060	459959.31324	986716.05020
3037	461008.01758	990294.72235	4008	460092.69645	985827.86886	4061	459959.27331	986717.46385
3038	461193.11057	990292.12776	4009	460077.29204	986230.15475	4100	460116.53635	984907.17937
3039	461193.12367	990292.94655	4010	460087.39069	986240.53683	4101	460110.86775	985092.40752
3040	461293.03039	990291.04540	4011	460088.02651	986300.53346	4102	459962.88089	986081.90538
3041	461318.50283	990315.64087	4012	460074.59163	986300.67583	4103	460087.28472	986230.53739
3042	461318.66284	990325.63959	4013	460058.53242	986720.06196	4104	460053.01254	987581.73254
3043	461416.33822	990325.94802	4014	460041.48965	987323.48447	4105	460097.68315	987691.05383
3044	461440.81290	990303.50779	4015	460043.01271	987581.79150	4106	459928.02178	987583.66853
3045	461891.81705	990296.39460	4016	460053.16741	987591.73134	4107	459939.99248	988878.15616
3046	461917.20964	990321.10377	4017	460096.13444	987591.06582	4108	459940.45326	988958.15882
3047	461918.18666	990405.99107	4018	460097.29598	987666.05683	4109	459934.22202	989612.55069
3048	461978.17974	990405.04486	4019	460072.68359	987691.20222	4110	459468.59539	989678.71891
3049	462011.26951	990294.51061	4020	459992.67867	985826.41913	4111	460171.46612	990081.91610
3050	463051.96530	990278.09826	4021	459982.86624	986082.67067	5000	460040.22034	984420.99747
3051	463077.35603	990302.67946	4022	459963.10720	986101.90410	5001	460034.83098	984981.11154
3052	463137.34583	990301.56750	4023	459963.67297	986151.90090	5002	460042.68756	985827.14399
3053	463520.22338	990293.43498	4024	459980.22243	986151.71363	5003	460008.55943	986718.39951
3054	463570.20784	990292.09714	4025	459958.58645	986716.73706	5004	459991.48548	987322.92590
3055	463594.65679	990266.67720	4026	459941.48132	987322.36734	5005	460004.92633	989602.45090
3056	463948.10510	990428.98358	4027	459942.93078	987568.19035	5006	459999.92759	989602.48037
3057	463955.61192	990428.86518	4028	459937.93086	987568.21983	5007	460007.27805	990248.74462
3058	463809.13798	990141.13928	4029	459938.02161	987583.60956	6000	460046.06047	986300.97820
			4030	459928.17665	987593.66733	6001	460040.20265	987621.93575
						6002	460028.37746	990248.44883

EXISTING R/W LINE

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

1) ORIGINAL G.L.O. SURVEY OF T.13S., R.13E. GILA AND SALT RIVER MERIDIAN, FILED 3/20/1871

2) ADOT RIGHT OF WAY PLANS PROJECT NO. F-031-1(12)-, F-031-1-703 AND F-011-1(1).

3) ADOT ENGINEERING RECORDS AS-BUILT PLANS PROJECT NO. F-011-1(1)

4) ADOT RIGHT OF WAY STRIP MAP NO. NON F.A.S. 111

5) SEE FINAL PLATS REFERENCED, THIS SHEET.

LEFT SIDE			RIGHT SIDE		
PT.	STATION	OFFSET	PT.	STATION	OFFSET
-- MIRACLE MILE ALIGNMENT --			-- MIRACLE MILE ALIGNMENT --		
4001	70+29.57	55.99 LT	4000	70+25.11	51.51 RT
4100	Radius Pt	- - -	4020	79+49.16	50.00 RT
4002	70+54.55	81.92 LT	4021	82+07.98	50.00 RT
4003	71+91.13	82.85 LT	4102	Radius Pt	- - -
4004	71+91.28	74.54 LT	4022	82+27.95	69.01 RT
4005	71+96.28	74.63 LT	4023	82+77.89	66.53 RT
4101	Radius Pt	- - -	4024	82+77.07	50.00 RT
4006	72+16.28	55.00 LT	4025	88+42.26	50.00 RT
4007	72+16.28	50.00 LT	4026	94+47.03	50.00 RT
4008	79+50.35	50.00 LT	4027	96+92.00	50.00 RT
4009	83+51.74	50.00 LT	4028	96+92.00	55.00 RT
4103	Radius Pt	- - -	4029	97+07.39	55.00 RT
4010	83+61.73	60.49 LT	4106	Radius Pt	- - -
4011	84+21.66	63.42 LT	4030	97+17.39	64.90 RT
4012	84+22.31	50.00 LT	4031	97+77.39	64.33 RT
4013	88+42.51	50.00 LT	4032	97+77.32	57.61 RT
4014	94+47.88	50.00 LT	4033	102+98.09	65.57 RT
4015	97+06.19	50.00 LT	4034	105+11.95	65.60 RT
4104	Radius Pt	- - -	715	105+11.80	50.83 RT
4016	97+16.19	60.10 LT	4035	110+01.93	50.66 RT
4017	97+15.78	103.07 LT	4107	Radius Pt	- - -
4018	97+90.77	103.79 LT	4036	110+11.92	60.56 RT
4105	Radius Pt	- - -	4037	110+71.93	60.77 RT
4019	98+15.77	79.03 LT	4108	Radius Pt	- - -
4044	114+20.84	79.09 LT	4038	110+81.93	50.67 RT
4045	114+20.84	64.09 LT	4039	116+72.22	50.75 RT
1130	114+25.03	64.13 LT	4040	116+72.42	71.13 RT
1131	114+25.03	61.63 LT	4041	117+16.27	70.71 RT
1138	122+09.14	64.02 LT	4109	Radius Pt	- - -
4111	Radius Pt	- - -	4042	117+37.87	45.82 RT
3010	123+11.86	163.65 LT	4043	118+01.36	46.17 RT
			4110	Radius Pt	- - -
			3001	122+84.17	511.09 RT

-- ORACLE RD ALIGNMENT --			-- ORACLE RD ALIGNMENT --		
3001	73+51.15	91.92 LT	3030	80+25.82	55.53 RT
3002	73+50.45	56.02 LT	1168	85+61.92	60.00 RT
3003	77+92.77	47.30 LT	3031	85+62.24	87.00 RT
3107	Radius Pt	- - -	3032	86+22.24	87.00 RT
3004	78+13.17	67.13 LT	3033	86+21.96	62.95 RT
3010	80+25.82	62.46 LT	3034	88+02.02	62.05 RT
1721	84+98.48	52.07 LT	3035	88+01.93	50.00 RT
1720	85+02.91	54.68 LT	3036	88+61.93	50.00 RT
1755	85+05.72	52.57 LT	3037	88+62.00	60.00 RT
1756	85+59.97	51.05 LT	3038	90+47.11	60.00 RT
1757	85+66.65	54.29 LT	3039	90+47.12	60.82 RT
1758	85+73.13	50.42 LT	3040	91+47.04	60.32 RT
1759	87+35.22	50.00 LT	3100	Radius Pt	- - -
1760	91+70.08	52.66 LT	3041	91+72.16	85.27 RT
1761	91+70.08	51.19 LT	3042	91+72.18	95.27 RT
1762	91+72.21	51.19 LT	3043	92+69.68	97.05 RT
1763	91+72.21	52.37 LT	3101	Radius Pt	- - -
1764	91+88.23	60.82 LT	3044	92+94.50	75.00 RT
1765	92+30.15	60.77 LT	3045	97+45.56	75.00 RT
1766	92+44.57	52.28 LT	3102	Radius Pt	- - -
1767	92+44.57	50.45 LT	10053	97+70.56	100.11 RT
1768	92+46.94	50.45 LT	3047	97+70.20	185.00 RT
1769	92+46.94	52.38 LT	3048	98+30.20	185.00 RT
1770	94+21.44	50.00 LT	3049	98+65.03	75.00 RT
3015	98+78.21	50.00 LT	3050	109+05.85	75.00 RT
3016	98+78.20	48.00 LT	3103	Radius Pt	- - -
1123	109+60.89	48.00 LT	3051	109+30.85	99.98 RT
3058	116+65.09	50.00 LT	10062	109+90.85	99.81 RT
3017	116+65.59	75.00 LT	3104	Radius Pt	- - -
1141	117+61.08	75.00 LT	1158	110+15.74	75.00 RT
1139	Radius Pt	- - -	681	113+49.02	72.56 RT
1140	117+86.08	99.50 LT	3105	Radius Pt	- - -
3020	117+87.17	154.58 LT	3053	113+73.81	97.72 RT
			3054	114+23.81	97.17 RT
			3106	Radius Pt	- - -
			3055	114+48.66	72.14 RT
			1155	117+74.10	70.00 RT
			1161	Radius Pt	- - -
			1160	117+99.15	94.86 RT
			3056	117+99.50	240.00 RT
			3057	118+07.01	240.00 RT

FINAL PLATS REFERENCED
OFFICIAL RECORDS PIMA COUNTY

NAME	BOOK	PAGE	DATE	SEC.	T	R
EVERGREEN CEMETERY	4	30	3/1/1923	35&26	13S	13E
MESA VERDE	5	73	4/11/1950	35	13S	13E
SHALMAR SUBDIVISION	11	56	11/8/1955	35	13S	13E
MIRACLE MILE CENTER	17	87	7/29/1964	35	13S	13E
CORONADO HEIGHTS	3	115	9/16/1920	36	13S	13E
SAWTELLE PLACE	4	73	2/5/1925	25	13S	13E
EVERGREEN CEMETERY	17	21	11/7/1963	26	13S	13E

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CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
N/A	03-20-15	ST	ADDED THIS SHEET TO PLAN SET

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DRAWING NO.	D-10-T-388
SURVEY	March 2008
DRAWN/DATE	S.Taylor Dec 14
ADOT REVIEW	D. Casdorph

amec

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

HIGHWAY NAME: TUCSON - ORACLE JCT - GLOBE
FEDERAL AID NO.: S 077-A-801
PROJECT NO.: 077 PM 069 H6159 01R
ROUTE NO.: S.R. 77
LOCATION: Miracle Mile Rd - Prince Rd

REGISTERED LAND SURVEYOR 40622 BRYAN L. CAMPBELL ARIZONA U.S.A. EXPIRES: 03/31/2016

SHEET SS-6

SUPPLEMENTAL RESULTS OF SURVEY

THIS SURVEY SUPPLEMENTS AND SUPERSEDES PORTIONS OF THE RESULTS OF SURVEY AS SHOWN ON PROJECT NO. S 077-A-801, 077 PM 069 H6159 01R
DATE: NOVEMBER 2003

MIRACLE MILE EXISTING R/W MONUMENTATION

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
621	460063.71945	989303.39275	ADOT ANGLE IRON	114+27.88	60.56 LT
622	460056.00584	986814.61240	ADOT ANGLE IRON	89+37.09	50.14 LT
623	460056.00802	986811.60864	½ RB	89+34.09	50.06 LT
624	460060.85738	986672.14937	½ RB	87+94.04	50.49 LT
625	460074.73950	986300.65510	½ RB	84+22.29	50.15 LT
627	460083.32466	986028.27169	½ RB	81+49.77	48.30 LT
628	460092.63521	985834.25476	NAIL	79+55.54	50.18 LT
629	460097.23734	985094.74748	RR SPIKE	72+18.49	61.35 LT
630	460110.98677	985084.04611	8D NAIL	72+07.92	75.20 LT
631	460075.56725	986228.99227	½ RB	83+50.64	48.23 LT
632	460095.91479	984420.94611	½ RB	65+43.48	55.69 LT
633	460115.55697	984421.05879	½ RB IN OP	65+43.55	75.33 LT
634	459976.18824	984241.75826	2 IN OP	- - -	- - RT
635	459989.61241	985501.76821	½ RB	76+24.49	50.05 RT
636	459989.61999	985502.20335	1 IN OP	76+24.93	50.05 RT
637	459991.59970	985706.89161	½ RB	78+29.63	49.97 RT
638	459992.04573	985758.11135	½ RB	78+80.85	50.00 RT
639	459991.71614	985851.72207	½ RB	79+76.86	49.99 RT
640	459974.35346	986301.75455	½ RB	84+27.23	50.12 RT
641	459970.98856	986301.73219	½ RB	84+27.33	53.49 RT
642	459967.87354	986404.12795	¼ RB IN CONC	85+29.77	52.68 RT
643	459958.03123	986405.30132	1.5 IN AL OP	85+31.32	62.47 RT
644	459966.63214	986501.35796	½ IRON ROD	86+26.98	50.20 RT
645	459958.02076	986733.81815	ADOT ANGLE IRON	88+59.10	50.08 RT
646	459948.08315	988587.96192	1 IN OP	107+11.78	50.86 RT
647	459952.28401	989098.39342	PK NAIL	112+22.23	49.67 RT
648	459954.09187	989248.41196	PK NAIL	113+72.26	48.75 RT
649	459952.01850	989711.23212	½ RB	118+36.64	49.14 RT
650	459918.34784	989859.96755	¾ IN OP	119+84.98	84.50 RT
651	459889.19367	989921.89154	1 IN OP	120+46.57	114.36 RT
652	459889.24431	989922.30375	1.5 IN AC	120+46.98	114.31 RT
653	459881.29090	989931.58450	BC ON HDWL	120+56.17	122.37 RT
665	460094.02892	987666.20423	½ RB	97+90.90	100.52 LT
667	460069.49055	987691.33466	½ RB	98+15.89	75.83 LT
668	460073.58699	988031.37663	½ RB	101+55.95	77.92 LT
669	460075.48143	988231.04096	1 IN AC	103+55.62	78.64 LT
670	459982.02633	984694.06094	½ RB	68+17.75	55.56 RT
671	459983.61796	984801.61522	⅝ RB BENT	69+25.28	52.94 RT
688	459947.54925	988887.89732	½ RB	110+11.71	53.16 RT
689	459949.53541	988957.71333	1.5 IN OP	110+81.54	51.59 RT
690	459937.21816	988948.34859	16D NAIL	110+72.10	63.85 RT
707	460051.61816	984981.10649	1 IN COT AC	71+04.11	16.79 LT
708	460007.92464	986720.16177	60D NAIL	88+44.04	0.58 RT
715	459946.93859	988387.98394	¾ IN OP	105+11.80	50.83 RT
716	459932.63831	988390.09809	⅝ SQ IRON ROD	105+13.83	65.14 RT
717	459931.41393	988386.12897	⅞ IRON ROD	105+09.86	66.34 RT
718	459944.84047	988399.28736	⅞ IRON ROD	105+23.09	52.99 RT
719	459942.42619	987414.49855	⅝ IRON ROD	95+38.31	49.60 RT
720	459942.82805	987257.36053	½ RB	93+82.86	50.49 RT
721	459947.18496	987103.98478	4D NAIL	92+29.42	50.46 RT
722	460041.48369	987370.53287	½ RB	94+94.93	49.72 LT
723	459985.56979	986001.69743	½ RB	81+26.96	50.40 RT
726	459986.33546	985953.02687	½ RB	80+78.30	51.49 RT

ORACLE RD EXISTING R/W MONUMENTATION

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
500	459471.43838	990301.56388	AC	73+25.48	45.30 RT
501	459446.36000	990327.12000	AC	73+00.04	70.51 RT
504	460974.29000	990185.19000	AC	88+29.81	49.99 LT
511	463945.70334	990284.06057	AC	117+99.39	95.06 RT
600	461398.99614	990322.36027	½ RB	92+52.39	93.19 RT
601	461417.88801	990291.32993	2.5 OP BENT	92+71.77	62.46 RT
602	461597.15100	990294.81572	½ RB BENT	94+50.96	68.77 RT
603	462227.38146	990291.12752	½ RB	100+81.17	75.03 RT
604	462367.45284	990288.80802	½ RB	102+21.26	74.92 RT
605	462527.57034	990286.29439	½ RB	103+81.40	74.93 RT
606	462927.64096	990282.69355	½ RB BENT	107+81.47	77.64 RT
607	463137.35110	990299.04582	ADOT ANGLE IRON	109+90.90	97.29 RT
608	463160.12749	990276.21036	ADOT ANGLE IRON	110+14.03	74.82 RT
609	463378.31119	990272.96964	1.5 IN AC	112+32.24	75.02 RT
610	463595.00544	990266.42468	CHISELED X	114+49.01	71.89 RT
611	463720.61646	990266.74801	½ RB	115+74.60	74.20 RT
612	463938.68336	990252.18179	½ RB	117+92.87	63.07 RT
614	463939.78460	990136.23164	½ RB	117+95.80	52.85 LT
615	462094.31411	990172.61577	½ RB	99+49.99	45.57 LT
616	461944.95612	990178.63705	40D NAIL	98+00.55	41.90 LT
617	461295.55739	990292.40815	1.5 OP FLUSH	91+49.55	61.72 RT
619	460707.86087	990298.92874	AC	85+61.82	60.00 RT
620	460407.44358	990300.46266	½ RB	82+61.41	57.32 RT
654	459466.96613	990164.74934	3 IN AC	73+22.92	91.56 LT
675	461443.37095	990333.27539	½ RB BENT	92+96.59	104.80 RT
677	461440.73531	990303.49439	½ RB	92+94.42	74.99 RT
678	461439.54465	990336.52855	½ RB	92+92.71	108.00 RT
679	461892.43462	990296.36366	½ RB	97+46.18	74.98 RT
680	463162.08852	990276.05497	3 IN ADOT AC	110+16.00	74.69 RT
681	463495.03775	990268.67100	3 IN ADOT AC	113+49.02	72.56 RT
700	460736.44361	990188.27484	1.5 IN OP	85+91.95	50.24 LT
701	462024.81335	990174.09437	RB	98+80.47	45.19 LT
702	462029.78582	990174.73642	RB	98+85.43	44.47 LT
703	463105.05173	990154.20766	3 IN ADOT AC	109+60.89	48.04 LT
1803	460768.08909	990302.93576	AC	86+21.98	64.85 RT
10053	461917.20964	990321.10377	AHD AC 1979	97+70.56	100.11 RT
10062	463137.34583	990301.56750	AHD AC 1979	109+90.85	99.81 RT

MISCELLANEOUS MONUMENTATION

PT.	NORTHING	EASTING	DESCRIPTION
513	461395.26455	992768.61768	FD BC
655	459404.16421	989586.94205	FD BC
660	459393.98036	988926.75777	FD BC FLUSH
661	459373.72285	987631.98295	FD BC FLUSH
662	459695.85693	986129.76780	FD BC FLUSH
675	461443.37095	990333.27539	FD ½ RB BENT
710	460090.32036	990788.97515	FD BC FLUSH
711	460750.27722	990778.58026	FD BC FLUSH

SECTION MONUMENTATION

PT.	NORTHING	EASTING	DESCRIPTION
50	458734.67831	984989.89415	FD ⅜ BRASS PIN IN HH
51	458718.40641	987642.40905	FD BC IN HH
53	461408.06591	982384.26365	FD BC IN HH
54	461369.20841	984972.52595	FD BC IN HH
55	461361.99891	987601.46235	FD BC IN HH
57	461354.63491	990229.85765	FD AC IN HH
123	464035.07311	992833.22205	FD BC IN HH
126	463988.92000	990188.31000	SET BC FLUSH
507	458702.12000	990267.04000	FD BC IN HH
512	463999.60339	987575.39109	FD BC IN HH STAMPED COT 23956
514	461396.90616	992871.43987	FD PK NAIL SET BCF STAMPED 29873

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CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
N/A	03-20-15	ST	ADDED THIS SHEET TO PLAN SET

DRAWING NO.	D-10-T-388
SURVEY	March 2008
DRAWN/DATE	S.Taylor Dec 14
ADOT REVIEW	D. Casdorph
amec	
ROUTE NO.: S.R. 77	LOCATION: Miracle Mile Rd - Prince Rd

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

HIGHWAY NAME: TUCSON - ORACLE JCT - GLOBE
FEDERAL AID NO.: S 077-A-801
PROJECT NO.: 077 PM 069 H6159 01R

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
40622
BRYAN L. CAMPBELL
DATE SIGNED 4/24/15
ARIZONA U.S.A.
EXPIRES: 03/31/2016

SHEET SS-7

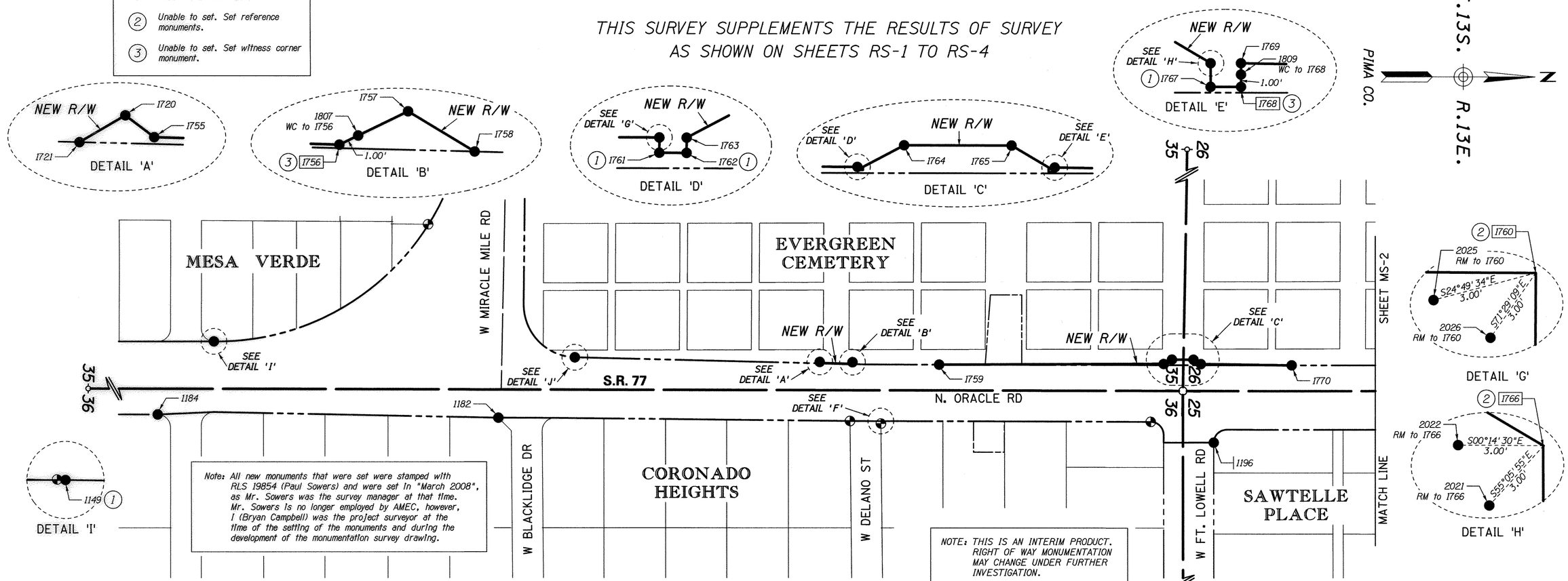
RIGHT OF WAY MONUMENTATION SURVEY

THIS SURVEY SUPPLEMENTS THE RESULTS OF SURVEY AS SHOWN ON SHEETS RS-1 TO RS-4

(1) Set pk nail with washer stamped ADOT ROW RLS 19854

(2) Unable to set. Set reference monuments.

(3) Unable to set. Set witness corner monument.



Note: All new monuments that were set were stamped with RLS 19854 (Paul Sowers) and were set in "March 2008", as Mr. Sowers was the survey manager at that time. Mr. Sowers is no longer employed by AMEC, however, I (Bryan Campbell) was the project surveyor at the time of the setting of the monuments and during the development of the monumentation survey drawing.

NOTE: THIS IS AN INTERIM PRODUCT. RIGHT OF WAY MONUMENTATION MAY CHANGE UNDER FURTHER INVESTIGATION.

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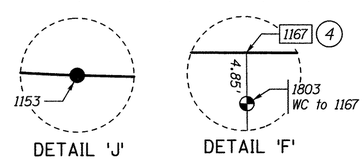


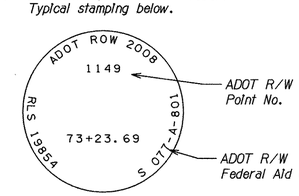
(4) Used existing ADOT 3" Alum. Cap Flush as a WC

LEGEND

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

STANDARD ADOT R/W MONUMENT DETAIL

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



0 50 100
Scale

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MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1149	459467.73038	990164.74896	See Note 1	73+23.69	91.55 LT
1153	460170.66957	990183.89764	Set standard monument	80+26.30	62.55 LT
1167	460767.96475	990298.08735	(C)	86+21.93	60.00 RT
1182	460023.67058	990303.52039	Set standard monument	78+77.63	55.00 RT
1184	459360.31294	990307.81851	Set standard monument	72+14.28	50.00 RT
1196	461416.22756	990328.90441	Fd 5/8" Rebar LS 23956	92+69.52	100.01 RT
1720	460647.34935	990185.08866	Set standard monument	85+02.91	54.68 LT
1721	460642.95736	990187.75482	Set standard monument	84+98.48	52.07 LT
1755	460650.18900	990187.15600	Set standard monument	85+05.72	52.57 LT
1756	460704.44886	990187.92098	(C)	85+59.97	51.05 LT
1757	460711.08276	990184.58308	Set standard monument	85+66.65	54.29 LT
1758	460717.62091	990188.36460	Set standard monument	85+73.13	50.42 LT
1759	460879.70333	990186.50986	Set standard monument	87+35.22	50.00 LT
1760	461314.48451	990177.75881	(C)	91+70.08	52.66 LT
1761	461314.50506	990179.22473	See Note 1	91+70.08	51.19 LT
1762	461316.62908	990179.19496	See Note 1	91+72.21	51.19 LT
1763	461316.61254	990178.01545	Set standard monument	91+72.21	52.37 LT
1764	461332.51554	990169.34439	Set standard monument	91+88.23	60.82 LT
1765	461374.32789	990168.76916	Set standard monument	92+30.15	60.77 LT
1766	461388.87607	990177.02793	(C)	92+44.57	52.28 LT
1767	461388.90495	990178.85903	See Note 1	92+44.57	50.45 LT
1768	461391.27217	990178.82170	(C)	92+46.94	50.45 LT
1769	461391.24176	990176.89317	Set standard monument	92+46.94	52.38 LT
1770	461565.75824	990176.52162	Set standard monument	94+21.44	50.00 LT
1803	460768.08909	990302.93576	See Note 4	- - -	- - -
1807	460705.34215	990187.47151	Set WC monument	- - -	- - -
1809	461391.25640	990177.82182	Set WC monument	- - -	- - -

REFER TO R/W PLANS FOR BASIS OF STATIONING

MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2021	461387.15958	990179.48835	Set PK & Washer RM monument	- - -	- - -
2022	461385.87610	990177.04059	Set PK & Washer RM monument	- - -	- - -
2025	461311.76175	990179.01841	Set PK & Washer RM monument	- - -	- - -
2026	461313.53189	990180.60354	Set PK & Washer RM monument	- - -	- - -

REFER TO R/W PLANS FOR BASIS OF STATIONING

CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS
9692	9-12-08	AG	ADDED THIS SHEET TO PLAN SET

DRAWING NO.	D-10-T-388
SURVEY	March 2008
DRAWN/DATE	A.Grass Mar 08
ADOT REVIEW	D. Casdorph

amec

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

HIGHWAY NAME: TUCSON - ORACLE JCT - GLOBE

FEDERAL AID NO.: S 077-A-801

PROJECT NO.: 077 PM 069 H6159 01R

ROUTE NO.: S.R. 77

LOCATION: Miracle Mile Rd - Prince Rd

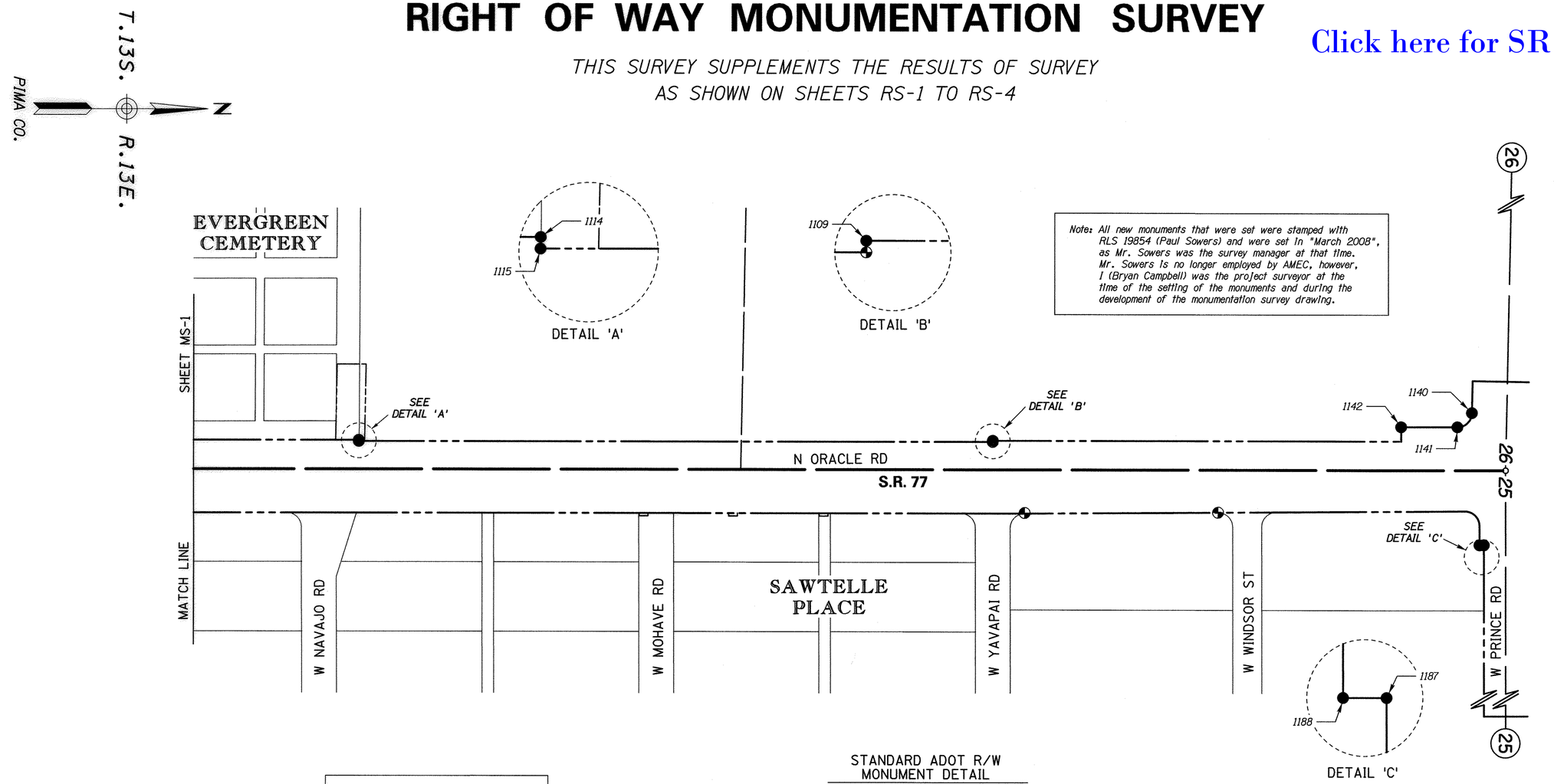
REGISTERED LAND SURVEYOR CERTIFICATE NO. 40622 BRYAN L. CAMPBELL Date 2-19-11 ARIZONA U.S.A. EXPIRES: 03/31/2013

SHEET MS-1

RIGHT OF WAY MONUMENTATION SURVEY

Click here for SR 77 Index

THIS SURVEY SUPPLEMENTS THE RESULTS OF SURVEY AS SHOWN ON SHEETS RS-1 TO RS-4

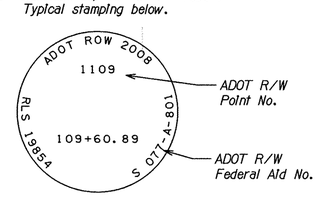


Note: All new monuments that were set were stamped with RLS 19854 (Paul Sowers) and were set in "March 2008", as Mr. Sowers was the survey manager at that time. Mr. Sowers is no longer employed by AMEC, however, I (Bryan Campbell) was the project surveyor at the time of the setting of the monuments and during the development of the monumentation survey drawing.

NOTE: THIS IS AN INTERIM PRODUCT. RIGHT OF WAY MONUMENTATION MAY CHANGE UNDER FURTHER INVESTIGATION.

STANDARD ADOT R/W MONUMENT DETAIL

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



LEGEND

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

MONUMENTATION LIST

PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
1109	463105.02077	990152.24454	Set standard monument	109+60.89	50.00 LT
1114	462013.36231	990169.46206	Set standard monument	98+69.10	50.00 LT
1115	462013.35607	990171.46240	Set standard monument	98+69.06	48.00 LT
1140	463929.32254	990089.73404	Set standard monument	117+86.08	99.50 LT
1141	463904.71700	990114.62871	Set standard monument	117+61.08	75.00 LT
1142	463807.80771	990116.15716	Set standard monument	116+64.16	75.00 LT
1187	463954.00679	990336.87905	Set standard monument	118+06.86	148.00 RT
1188	463946.50771	990336.99733	Set standard monument	117+99.36	148.00 RT

REFER TO R/W PLANS FOR BASIS OF STATIONING

0 50 100
Scale

...\077RW072_MS02.DGN

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REGISTERED LAND SURVEYOR
CERTIFICATE NO. 40622
BRYAN L. CAMPBELL
2-14-11
ARIZONA U.S.A.
EXPIRES: 03/31/2010

SHEET MS-2