RESULTS OF SURVEY

SECTION CORNERS

PT.	NORTHING	EASTING	DESCRIPTION
10	802295.20917	475633.36921	(C)
			SET BAR W/CAP
			SET BAR W/CAP
			(C)
			(C)
			(C)
			SET BAR W/CAP
			BC
			BC
			REBAR
			BC
			BC
			BC
			BC
400	834082.53318	483442.33572	BC
401	836824.50819	483477.03791	BC
402	834036.55223	486425.13856	BC CC
403	834039.58711	486109.94033	BC
404	834108.32756	480803.46387	BC
405	834103.55404	481148.55724	BC CC
406	836758.61813	478187.77549	BC
500	828696.40578	478443.94693	BC WC
501	828664.43327	481102.88617	BC
502	831304.87016	481128.97160	BC
503	826084.11805	475795.15817	BC
504	823407.60137	478427.76265	BC
505	826022.89659	481088.76083	BC
506	828597.03898	486386.09373	BC
507	831240.05112	486405.44982	BC
508	828629.96397	483745.97433	BC
509	825957.62027	486366.85568	BC
510	823351.76310	483708.62176	BC
511	823381.14657	481073.43653	BC
600	810223.30039	475686.29862	BC
601	812838.27028	478347.99505	BC
602	815448.88971	481010.46430	BC
603	812806.60034	480990.29912	BC
604	810163.30732	480971.41512	RB, SET CAP
605	807550.90716	478310.76729	BENT REBAR
606	807580.05790	475667.86643	STONE
711	799675.93097	475637.96133	(C)
717	797169.51883	472988.76444	BC IN HH
721	802265.14792	478273.39061	PIPE
800	818091.21598	481027.72927	BC
801	820732.52035	481050.07475	BC
802	820792.20201	475757.91485	BC
803	818118.34552	478388.22427	BC
804	815508.52941	475723.58578	BC
807	807551.09039	478303.18025	BC
808	804878.36118	480933.15471	BAR, SET CAP
901	794429.20657	478257.88116	BC
902	789209.29730	480908.78207	BC
907	797040.90009	478243.42445	BC
908	799626.18798	480914.69243	STONE
1000	791820.70018	478272.06919	BC
1001	791820.84428	475956.50407	TBAR
1002	791820.67431	476287.02633	BC
1004	794439.37077	475952.92760	TBAR
1005	794437.82453	476282.14615	BC
1006	786592.92254	478256.47282	BC
1007	786581.74083	475618.19498	REBAR
1011	789201.13847	475621.85567	REBAR
			BC HH
			BC HH
			BC HH
			TBAR
			BC
			CAP LS 20358
			REBAR
			BC
			REBAR
			REBAR LS6451
			BC
			BC, RM to 711
			BC, RM to 711

HELPFUL HINTS

If ALL the section corners have a detailed description shown on the survey plan sheets, this abbreviated description column is optional. However, if this table is the only place within the survey that contains the corner description for ANY section corners, then the description column is mandatory and will need to be expanded to accommodate the required detailed description.

Heading 3

TEXT	
LV=225 CO=25 LC=0 WT=3	FT=1 TX=12 ACTIVE TXJ=LT

TEXT	
LV=225 CO=25 LC=0 WT=2	FT=9 TX=12 LS=12 ACTIVE TNJ=LT

Text 3

All coordinates will be shown to 5 decimal places.

If the On-Call adds this column for general reference only, use a condensed description on this sheet. Use the graphical layout sheet for a more detailed description as needed.

CALCULATED POINTS

PT.	NORTHING	EASTING	PT.	NORTHING	EASTING
12	802282.68915	476732 89441	2035	807562.23573	477289.23534
13	802284.13183	4766C		807560.28585	477466.62511
16	807559.45019	47754		807558.05742	477669.35628
	844219.73005	48405		810196.18916	478074.67396
	846224.31125	47277		810197.06339	477997.65856
	841976.35878	48615		810194.71132	478204.86570
	836791.57354	48083		797059.57348	475826.87909
	834104.95426	48114		797059.39281	475852.02485
	834076.98601	48378		812836.68490	478480.26763
	826053.48243	478444.11187	2044	812837.59597	478404.25492
	825990.26479	483727.29381	2045	812835.16645	478606.95548
31	831272.47762	483765.82842	2046	812054.83487	478341.35455
	815478.69729	478368.11263	2047	812505.04948	478345.17063
	820762.31614	478407.98855	2048	811304.47719	478334.99443
	789205.21626	478264.26625	2049	815472.14993	478948.51672
	794484.74160	472987.91593	2050	815473.00751	478872.49451
	796781.58864	475629.40726	2051	815470.72062	479075.22041
	795786.28552	475627.01153	2052	818107.77360	479416.79399
	795758.70310	487086.13669	2053	818108.55512	479340.75827
	797761.57380	475803.37023	2054	818106.47108	479543.52021
	790198.59411	475649.22074	2055	820745.65400	479885.47222
	789972.88850	475659.65075	2056	820746.51134	479809.44997
49	791288.98407	475624.81297	2057	820744.22512	480012.17599
50	791256.52217	498542.80143	2058	823388.33038	480355.00257
51	788914.94656	452765.76983	2059	823389.09072	
52	845333.58586	484254.06619	2060	823387.06315	
512	828696.20744	478460.44159	2061	826025.96279	
2000	839438.09374	483130.42607	2062	826026.84196	
2001	839437.40219	483206.47778	2063	826024.49752	
2002	839436.24960	483333.23063	2064	827564.57101	
2003	841578.11901	483510.64924	2065	828006.61151	
2004	841149.91722	483510.74423	2066	826827.83684	
2005	840436.24759	483510.90256	2067	828661.96722	
2006	842020.19716	483589.19428	2068	828662.95834	
2007	842018.90176	483665.13870	2069	828660.31535	
2008	842016.74277	483791.71274	2070	831297.11613	
2009	844232.84999	483982.32136	2071	831298.04986	
2010	844197.86346	484179.23744	2072	831295.55991	
2011	844619.43930	484044.17012	2073	834094.11836	482257.12435
2012	844618.69130	484119.81583	2074	834094.86166	482181.08183
		484245.87308	2075	834092.87953	482383.86188
		475552.01175	2076	836815.33426	482740.60899
		475752.01117	2077	8368	
		475549.81305	2078	8368	
		475749.81285	2089	797C	
		475574.30069	2090	8017	
		475774.08749	2091	8009	
		475584.73070	2092	7968	
		475784.51750	2093	7968	
		475550.56736	2094	797C	
2023	791820.71890	475750.56627	2100	8088	
2024	794442.01450	475548.77562	2101	8088	
2025	794440.23441	475748.77192	2102	8088	
2026	797060.47677	475701.15995	2103	809621.00428	477908.93012
2027	797735.35629		2104	807025.06114	489086.65829
2028	799671.17612		2106	809078.93015	477812.61862
2029	799669.74238		2107		
2030	802287.01719		2109		
2031	802282.40062		2110		
2032	804921.52607		2111		
2033	804924.36070		2113		
2034	804920.10875		2114		
			2115		
			2116		
			2117	810020.55946	478155.50223
			2118	810307.61215	478236.86752

Heading 1

TEXT	
LV=225 CO=25 LC=0 WT=3	FT=23 TX=15 ACTIVE TXJ=LT

TEXT	
LV=225 CO=25 LC=0 WT=2	FT=30 TX=50 ACTIVE TXJ=CT

Ros Title

HELPFUL HINTS

The On-call has the option of adding a description column to the Calculated Points table.

A general note will be shown indicating the procedure used and what control the survey is based upon. Also see the CADD Standards manual for further information on survey requirements.

HELPFUL HINTS

The purpose of this note is to indicate that an actual field survey was performed, and that the results shown are the combination of field measurements and the intent of record documentation. The verbiage can be revised at the discretion of the registrant's judgement.

Heading 2

TEXT	
LV=225 CO=25 LC=0 WT=3	FT=1 TX=16 ACTIVE TXJ=LT

Text 3

TEXT	
LV=225 CO=25 LC=0 WT=2	FT=9 TX=12 LS=12 ACTIVE TNJ=LT

HELPFUL HINTS

In addition to the required general notes shown, the Consultant has the option to add other notes here, or on other sheets of the survey, that they may feel are necessary for liability or informational purposes. Examples would be for addressing the precision of the coordinates shown, or adding a caption.

GENERAL NOTES

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

DA1220 NAD 83(1992) 32°54'04.82857"(N) 112°44'32.35072"(W)
Grid Coordinates N 692629.07480 E 446590.99081
Ground Coordinates (Pt.1) N 692686.26518 E 446627.86583

DV2153 NAD 83(1992) 33°11'27.26864"(N) 112°39'01.53736"(W)
Grid Coordinates N 797776.01706 E 475531.09908
Ground Coordinates (Pt. 2) N 797841.88943 E 475570.36368

ARCHES NAD 83(1992) 33°22'12"27189"(N) 112°37'27.61654"(W)
Grid Coordinates N 862911.33858 E 483954.19291
Ground Coordinates (Pt. 3) N 862982.58917 E 483994.15301

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

SYSTEM: UNITED STATES STA
ZONE: ARIZONA CENTRAL O
DATUM: NORTH AMERICAN 19
GEOID MODEL: GEOID99 (CONTINEN

UNITS = INTERNATIONAL FEET (1

DIRECT SATELLITE MEASUREMENTS WERE MADE ON EACH POINT ON THE NORTH AMERICAN DATUM OF 1983 WITH AUTOMATIC TRANSLATIONS MADE TO THE STATE PLANE GRID SYSTEM.

GPS CALIBRATION AND TRANSLATION TO THE SURFACE WAS PERFORMED BY GPS SURVEY SOFTWARE. A GRID ADJUSTMENT FACTOR OF 1.00008257 AND SCALE ORIGIN VALUES OF N=0.00, E=0.00, AS OBTAINED FROM ADOT (P&M Job No. 3639) WERE USED FOR THE TRANSLATION TO THE SURFACE.

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

THE EXISTING ADOT R/W SH ... ED
ON AN OBSERVATION AND EV ... IDENCE
IN THE FIELD AND A REVIE ... MAPS AND
R/W TITLE DOCUMENTS AVAI ... ARED;
AND MAY NOT REFLECT PRIO ... ITIONS
THAT WERE NOT SHOWN ON S ... HE
SURVEY WAS PREPARED.

... IS ON FILE IN THE FILE ROOM OF THE RIGHT OF WAY
... ZONA DEPARTMENT OF TRANSPORTATION,
... IX, AZ 85007. (602) 712-7270 SEE
... DITIONS OR REVISIONS.

... ON ON SECTION CORNER DESCRIPTIONS,
... N THE ADOT R/W PLANS SECTION RECOR

... MAPS IN THE PROJECT CALCULATION B

HELPFUL HINTS

If the On-call derives the GAF, the end of the note will be modified to "N=0.00, E=0.00, as derived by the NGS control stations listed above, were used ....", or something similar.

HELPFUL HINTS

The reference note regarding the Existing R/W Exhibit Maps will only be added to those projects for which Existing R/W Exhibit Maps are produced.

REFERENCE FILE
--rw---_bdr.dgn Attachment: Saved View = Border
SEE EXHIBIT B1 FOR DETAILS

Plan Sheet No.

TEXT	
LV=263 CO=63 LC=0 WT=2	FT=1 TX=10 ACTIVE TXJ=LB

PLAN SHEET NOTES
SEED FILE: 2DSeed.dgn FILE NAME: --rw---_rs06.dgn
REFERENCE FILES: --rw---_bdr.dgn
AA=0 AS=1 See plotting instructions in CADD Standards manual for additional details.

Revision Block

RW_V8.cel
AC=REVBLK
LV=263 CO=63 LC=0 WT=VARIES

DATA FIELD	
LV=262 CO=62 LC=0 WT=2	FT=1 TX=15 ACTIVE TXJ=CC

DATA FIELD	
LV=262 CO=62 LC=0 WT=2	FT=1 TX=15 ACTIVE TXJ=LC

EXHIBIT–F4

ADOT CADD STANDARDS 2006

CHANGE ORDER REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

exhibitF4_rs06.dgn

DRAWING NO.	D-7-T-940
SURVEY	MAY 2001
DRAWN/DATE	J. Crume/Sep 01
ADOT REVIEW	B. Gurney

HUBBARD ENGINEERING 480-892-3313 Gilbert, AZ jcrume@heaz.us Job # 20047

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

HIGHWAY NAME: GILA BEND - BUCKEYE
FEDERAL AID NO.: S 085-B-701
PROJECT NO.: 085 MA 138 H5675 02R

PRELIMINARY NOT FOR CONSTRUCTION OR RECORDING --Created-- 4/23/2010 7:57:24 AM

ROUTE NO.: S.R. 85
LOCATION: Lewis Prison - Gila River
SHEET RS-6