



## City of Goodyear Survey Benchmark List September 2007

The attached list is the result of an inventory survey that was performed in September 2007. The survey was done to determine all those marks that were still in existence from previous City of Goodyear Benchmark lists (COGBM).

The list contains the following information:

COGBM PT.	GOODYEAR NORTHING	GOODYEAR EASTING	ELEVATION NAVD88	INVENTORY DESCRIPTION
G304	875,740	560,092	923.87	3 IN MCHD BCHH

GOODYEAR DESCRIPTION	CROSS STREET 1	CROSS STREET 2	ELEVATION NGVD29
BR Cap in Handhole	Broadway Road	Bullard Ave.	921.78

- 1) The COGBM point number. This number also is shown on the attached map.
- 2) The horizontal coordinate of the benchmark. The coordinate is reported in the City of Goodyear – State Plane Coordinates (COG-SPC). The reported values have been rounded to the nearest foot, and are not intended to be used as horizontal survey control. The horizontal coordinate is intended only as an aid in finding the correct survey mark.
- 3) Elevation of the Benchmark in feet, and on the NAVD88 datum. The City is transitioning to this datum beginning July 1<sup>st</sup>, 2008. Before that time either datum will be accepted.
- 4) The description of the survey mark as observed during the 2007 survey.
- 5) The description of the survey mark from the historic COGBM list.
- 6) The cross streets of the survey mark from the historic COGBM list.
- 7) Elevation of the Benchmark in feet, and on the NGVD29 datum. The City is transitioning to the NAVD88 datum beginning July 1<sup>st</sup>, 2008. Before that time either datum will be accepted.

The COG-SPC is defined as a Transverse Mercator projection

- Unit is U.S. Survey Foot (USFt)
- Latitude of origin = 31° 00' 00" North
- Longitude of central meridian = 111° 55' 00" West
- Northing at grid origin = 0.000 USFt
- Easting at grid origin = 699,998.600 USFt
- Central parallel scale = 0.9999 (exact)

## City of Goodyear Benchmark List

Northing and Easting values are on the NAD83 State Plane Coordinate system, Arizona Central Zone. Units are US Survey Feet

COGBM PT.	GOODYEAR NORTHING	GOODYEAR EASTING	ELEVATION NAVD88	INVENTORY DESCRIPTION	GOODYEAR DESCRIPTION	CROSS STREET 1	CROSS STREET 2	ELEVATION NGVD29
G304	875,740	560,092	923.87	3 IN MCHD BCHH	BR Cap in Handhole	Broadway Road	Bullard Ave.	921.78
G307	878,368	549,638	937.21	3 IN MCHD BCHH	BR. Cap in South Handhole	Sarival Ave.	1/2 Mile South of Lower Buckeye Rd.	935.14
G309	881,128	544,349	938.33	3 IN COG BCHH	BR. Cap in Handhole	Lower Buckeye Rd.	Cotton Lane	936.25
G310	878,382	560,123	944.50	3 IN MCHD BCHH	BR Cap in Handhole	Bullard Ave	El Sol.	942.42
G312	881,013	549,651	949.46	3 IN MCHD BCHH	BR. Cap in South Handhole	Lower Buckeye Rd.	Sarival Ave.	947.40
G316	883,725	549,664	959.58	3 IN COG BCHH	BR. Cap in South Handhole	Sarival Ave.	1/2 Mile North of Lower Buckeye Rd.	957.52
G322	882,325	565,285	966.66	CHS. 'X' TOP CURB	"+" on Top of Curb, West End Return at Northwest corner.	Litchfield Road	State Rt. 85	964.59
G323	886,451	544,259	967.90	CHS. 'X' HEADWALL	"+" in center of South Face Irrigation Structure at North	Yuma Road	Cotton Lane	965.83
G324	886,270	562,641	970.09	CHS. 'X' HEADWALL	"+" on the Top of East Headwall on North side of Rd.	Yuma Road	1/2 Mile West of Litchfield Rd.	968.04
G325	886,392	549,673	973.08	3 IN MCHD BCHH	BR. Cap in North Handhole	Sarival Ave.	Yuma Road	971.03
G328	888,840	565,297	977.78	3 IN MCHD BCHH	BR. Cap in Handhole	Litchfield Road	1/2 Mile North YumaRd.	975.74
G332	891,475	565,323	981.64	3 IN MCHD BCHH	BR. Cap in Handhole	Litchfield Road	Van Buren St.	979.61
G334	891,473	567,931	981.77	3 IN COA BCHH	BR. Cap in Handhole	Van Buren Street	Central Ave.	979.73
G335	889,005	549,667	983.73	3 IN MCHD BCHH	BR. Cap in South Handhole	Sarival Ave.	1/2 Mile North of Yuma Road	981.68

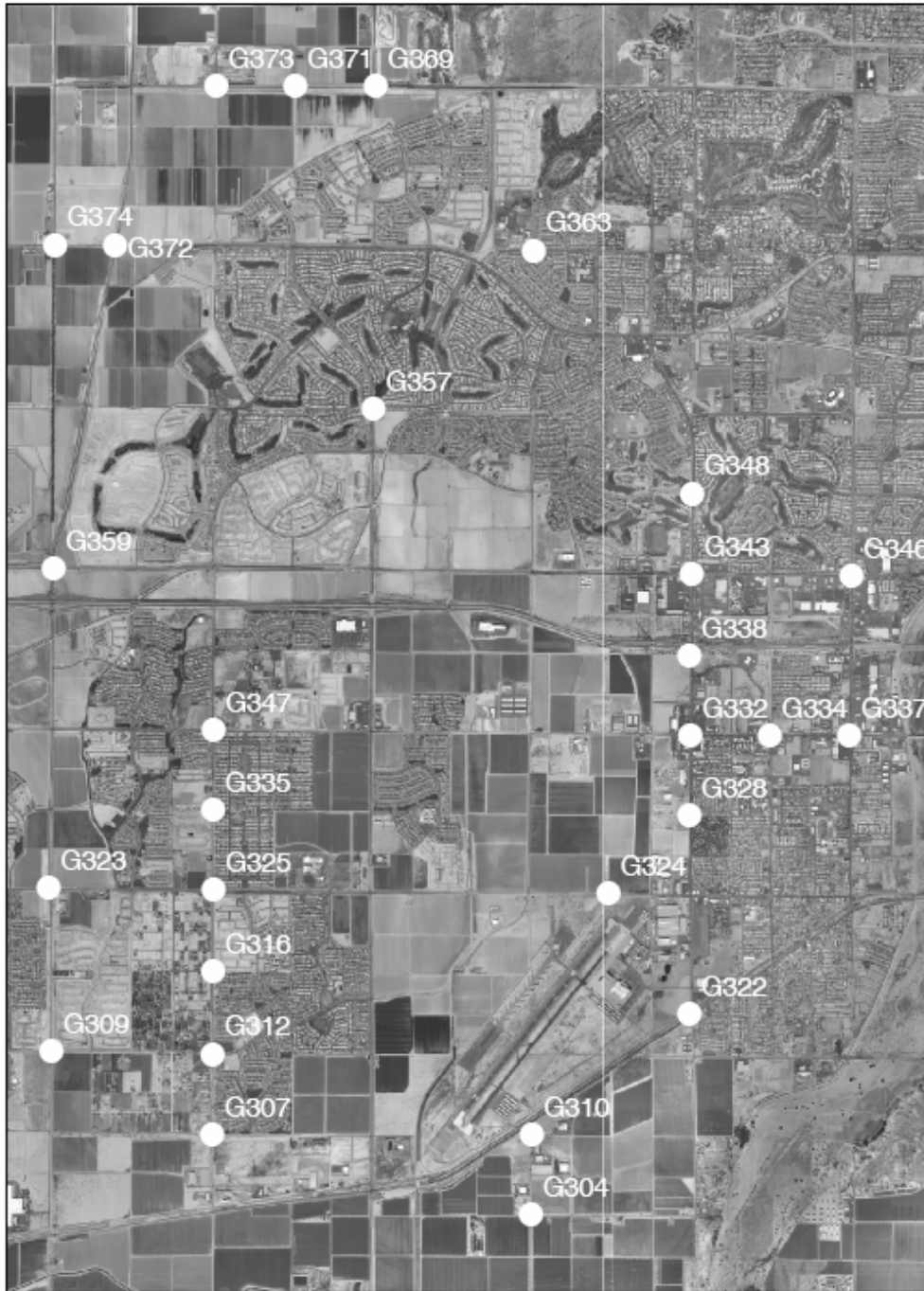
## City of Goodyear Benchmark List

Northing and Easting values are on the NAD83 State Plane Coordinate system, Arizona Central Zone. Units are US Survey Feet

COGBM PT.	GOODYEAR NORTHING	GOODYEAR EASTING	ELEVATION NAVD88	INVENTORY DESCRIPTION	GOODYEAR DESCRIPTION	CROSS STREET 1	CROSS STREET 2	ELEVATION NGVD29
G337	891,473	570,538	984.11	3 IN BCHH	Iron Bar in Handhole	Van Buren Street	Dysart Road	982.06
G338	894,096	565,296	986.92	CHS. 'X' TOP CURB	"+" in Top of Curb, South Return at Southwest corner	Litchfield Road	South Side I-10 - Freeway	984.91
G343	896,767	565,374	992.71	3 IN COG BCHH	BR. Cap in Handhole	Litchfield Road	Mc Dowell Rd.	990.73
G346	896,713	570,609	996.03	3 IN MCDOT BCHH	BR. Cap in Handhole	McDowell Road	Dysart Road	994.03
G347	891,644	549,678	996.48	3 IN MCHD BCHH	BR. Cap in South Handhole	Sarival Ave.	Van Buren St.	994.44
G348	899,407	565,386	998.65	3 IN TOG BCHH	BR. Cap in Handhole	Litchfield Road	1/2 Mile North of McDowell Road	996.70
G357	902,154	554,933	1016.38	3 IN MCHD BCHH	BR. Cap in Handhole	Estrella Parkway (Reems Road)	Thomas Road	1014.50
G359	896,961	544,427	1018.70	4 IN AHD P&M BCHH	BR. Cap in Handhole	McDowell Road	Cotton Lane	1016.74
G363	907,378	560,185	1031.53	3 IN COG BCHH	BR. Cap in Handhole	Indian School Road	Bullard Road	1029.69
G369	912,765	555,006	1054.66	3 IN COP BCHH	BR. Cap in Handhole	Estrella Parkway (Reems Road)	Camelback Road	1052.88
G371	912,767	552,366	1056.34	3 IN COP BCHH	BR. Cap in Handhole	Camelback Road	(Alsap) 1/2 Mile West of Estrella Parkway	1054.59
G372	907,535	546,453	1059.99	3 IN MCDOT BCF	BR. Cap in Flush	Indian School Road	Loop No. 303	1058.23
G373	912,768	549,769	1062.85	3 IN COP BCHH	BR. Cap in Handhole	Sarival Ave.	Camelback Road	1061.12
G374	907,558	544,469	1066.99	3 IN MC BCHH	BR. Cap in Handhole	Indian School Road	Cotton Lane	1065.25

# City of Goodyear

BENCHMARKS  
September, 2007



CAMELBACK RD.

INDIAN SCHOOL RD

THOMAS RD

MCDOWELL RD

VANBUREN RD

YUMA RD

LOWER BUCKEYE

BROADWAY RD

COTTON LN

SARIVAL RD

ESTRELLA PKWY

BULLARD RD

LITCHFIELD RD

DYSART RD

