



City of Plano Geodetic Control Station

City of Plano Project No.:		5843		Station Name:		H1 AZ MK	
Gorronдона & Associates Project No.:		0901-3510		GPS Point No.:		312	
County:	Collin	State:	Texas				
Unit of Measure:	US Survey Foot						
2009 H&V Survey Method:	GPS Observations						
Horizontal Survey Quality:	Second Order, Class 1						
Vertical Survey Quality:	See Notes 1 and 2 below						
Mark Logo:	2" Alum. Disk						
Stamping:	City of Plano Survey Marker,		1999 H1 AZ MK				
NAD83 NSRS 2007	Latitude:	32°59'37.46047"N	Longitude:	96°46'04.28761"W			
NAD83 NSRS 2007	Ellipsoid Height:	589.67	Epoch Date:	2002			
	Geoid Height:	-86.11	Geoid Model:	GEOID03			

City Wide Surface Adjustment Factor	1.00015421
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Texas North Central Zone (4202) State Plane Coordinate Listing				
Horizontal Datum	Horizontal Adjustment	Coordinate Type	Northing	Easting
NAD83	NSRS 2007	Surface	7,049,934.50	2,499,914.01
NAD83	NSRS 2007	Grid	7,048,847.50	2,499,528.56
NAD83	HARN 1993	Grid	7,048,847.52	2,499,528.58
NAD27	1986	Grid	483,526.56	2,224,555.24
Elevation	NAVD 1988	675.78	NGVD 1929	675.78

To Reach Description:
 Located in the centerline median of Coit Rd. approximately 212' South of the centerline of Osage Plaza Pkwy. in Dallas Texas.

Aerial Photo	Area Sketch
	<p>CITY OF PLANO MON. #312 2" ALUMINUM DISK IN CONCRETE STAMPED "1999 H-1 AZ MK"</p>

Station Ties:		
Object	Distance (Feet)	Direction
Light Pole	15.8'	Southeast
Back of Curb	8.1'	East
Back of Curb	4.5'	West

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Notes:

- This survey was constrained in the horizontal and vertical component to the published NAD83 HARN positions and NAVD88 Elevations for 19 City of Plano monuments, four NGS stations (horizontally and/or vertically) and four CORS stations.
- Elevations of City of Plano control stations are based solely on GPS Observations. Vertical Accuracy will be based on the quality of the GEOID03 Model and the vertical stability of the monuments constrained in the vertical component.
- The NAD83 NSRS2007 Surface Northing and Easting is based on multiplying the Grid Coordinate Values by the City Wide Surface Adjustment Factor of 1.00015421.

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