



## City of Plano Geodetic Control Station

<b>City of Plano Project No.:</b>		<b>5843</b>		<b>Station Name:</b>		<b>837</b>	
<b>Gorronдона &amp; Associates Project No.:</b>		<b>0901-3510</b>		<b>GPS Point No.:</b>		<b>837</b>	
<b>County:</b>	<b>Collin</b>	<b>State:</b>	<b>Texas</b>				
<b>Unit of Measure:</b>	<b>US Survey Foot</b>						
<b>2009 H&amp;V Survey Method:</b>	<b>GPS Observations</b>						
<b>Horizontal Survey Quality:</b>	<b>Second Order, Class 1</b>						
<b>Vertical Survey Quality:</b>	<b>See Notes 1 and 2 below</b>						
<b>Mark Logo:</b>	<b>3 1/4" Domed Alum. Disk</b>						
<b>Stamping:</b>	<b>City of Plano Survey Marker, 837 2009 BY G&amp;AI</b>						
<b>NAD83 NSRS 2007</b>		<b>Latitude:</b>	<b>33°00'31.64096"N</b>	<b>Longitude:</b>	<b>96°45'02.77664"W</b>		
<b>NAD83 NSRS 2007</b>		<b>Ellipsoid Height:</b>	<b>601.74</b>	<b>Epoch Date:</b>	<b>2002</b>		
		<b>Geoid Height:</b>	<b>-85.87</b>	<b>Geoid Model:</b>	<b>GEOID03</b>		

<b>City Wide Surface Adjustment Factor</b>	<b>1.00015421</b>
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Texas North Central Zone (4202) State Plane Coordinate Listing				
Horizontal Datum	Horizontal Adjustment	Coordinate Type	Northing	Easting
<b>NAD83</b>	<b>NSRS 2007</b>	<b>Surface</b>	<b>7,055,496.83</b>	<b>2,505,061.39</b>
NAD83	NSRS 2007	Grid	7,054,408.97	2,504,675.14
NAD83	HARN 1993	Grid	7,054,408.99	2,504,675.16
NAD27	1986	Grid	489,038.83	2,229,754.40
<b>Elevation</b>	<b>NAVD 1988</b>	<b>687.61</b>	NGVD 1929	687.60

**To Reach Description:**  
 Located on the north side of W. Plano Parkway 144.2 feet west of the west curb line of Independence Pky.

<p><b>Aerial Photo</b></p>	<p><b>Area Sketch</b></p> <p>CITY OF PLANO MON. #837          3 1/4" ALUMINUM DISK          SET IN CONCRETE          MARKED "2009 BY G&amp;AI"          STAMPED "837"</p> <p style="text-align: right;">INDEPENDENCE PKY.</p> <p style="text-align: center;">W. PLANO PKY.</p> <p style="text-align: right;">SIGN</p> <p style="text-align: right;">N.T.S.</p>
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Station Ties:		
Object	Distance (Feet)	Direction
Street Sign	63.0'	Northeast
Centerline of W.B. Plano Pky.	14.5'	North
West Back of Curb Independence Pky.	144.2'	West

**Prepared By:**  
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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.

**Disclaimer:** This data has been supplied by the City of Plano. No expressed or implied warranties are made by the City of Plano for the accuracy, completeness, reliability, usability, or suitability of the point data. The City of Plano assumes no responsibility for incorrect results or damages resulting from the use of data.