



City of Plano Geodetic Control Station

City of Plano Project No.:		5843	Station Name:		843
Gorronдона & Associates Project No.:		0901-3510	GPS Point No.:		843
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:	3 1/4" Domed Alum. Disk				
Stamping:	City of Plano Survey Marker, 843 2009 BY G&AI				
Established By:		G&AI			
Date Established:		2009			
ReSurvey By:		G&AI			
ReSurvey Date:		2009			
Condition:		Good			
NAD83 NSRS 2007	Latitude:	33°03'23.72116"N	Longitude:	96°42'38.45490"W	
NAD83 NSRS 2007	Ellipsoid Height:	589.17	Epoch Date:	2002	
	Geoid Height:	-85.29	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	7,073,094.33	2,517,054.11
NAD83	NSRS 2007	Grid	7,072,003.76	2,516,666.01
NAD83	HARN 1993	Grid	7,072,003.78	2,516,666.03
NAD27	1986	Grid	506,518.66	2,241,911.75
Elevation	NAVD 1988	674.45	NGVD 1929	674.48

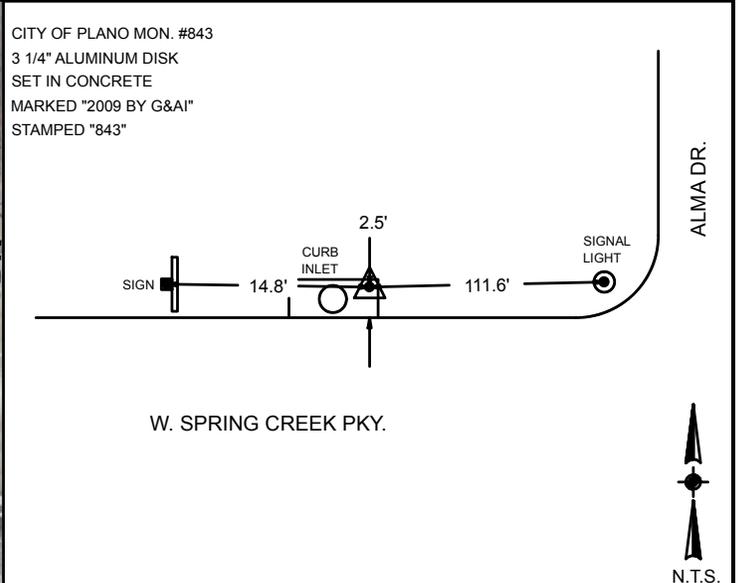
To Reach Description:

Located near the Northwest corner of W. Spring Creek Pky. and Alma Dr. in a curb inlet.

Aerial Photo



Area Sketch



Station Ties:

Object	Distance (Feet)	Direction
Back of Curb	2.5'	North
Signal Light	111.6'	West
Street Sign	14.8'	East

Prepared By:

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Texas Registration Number 1965

- 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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