



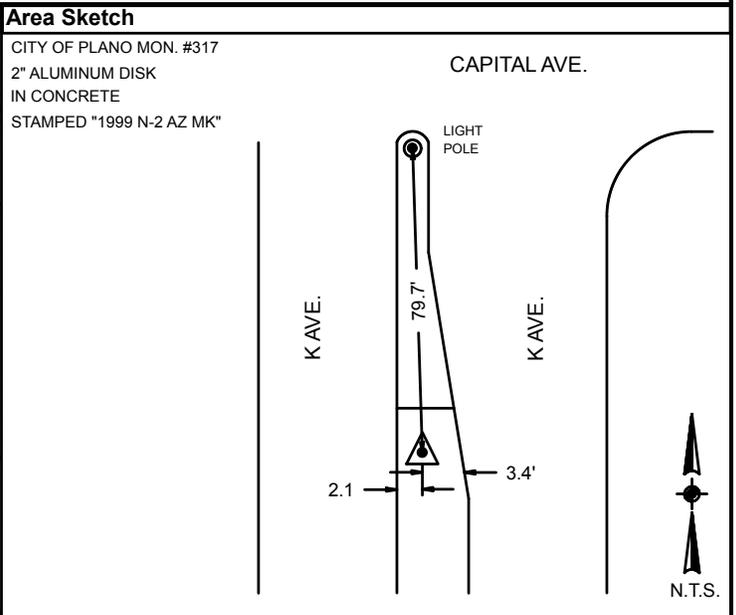
# City of Plano Geodetic Control Station

<b>City of Plano Project No.:</b>		<b>5843</b>		<b>Station Name:</b>		<b>N2 AZ MK</b>	
<b>Gorrondonga &amp; Associates Project No.:</b>		0901-3510		<b>GPS Point No.:</b>		317	
<b>County:</b>	Collin	<b>State:</b>	Texas				
<b>Unit of Measure:</b>	US Survey Foot						
<b>2009 H&amp;V Survey Method:</b>	GPS Observations						
<b>Horizontal Survey Quality:</b>	Second Order, Class 1						
<b>Vertical Survey Quality:</b>	See Notes 1 and 2 below						
<b>Mark Logo:</b>	2" Alum. Disk						
<b>Stamping:</b>	City of Plano Survey Marker,			1999 N2 AZ MK			
<b>NAD83 NSRS 2007</b>	<b>Latitude:</b>	33°00'38.88786"N		<b>Longitude:</b>	96°41'57.66676"W		
<b>NAD83 NSRS 2007</b>	<b>Ellipsoid Height:</b>	555.45		<b>Epoch Date:</b>	2002		
	<b>Geoid Height:</b>	-85.34		<b>Geoid Model:</b>	GEOID03		

<b>City Wide Surface Adjustment Factor</b>	1.00015421
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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>7,056,495.53</b>	<b>2,520,810.86</b>
NAD83	NSRS 2007	Grid	7,055,407.52	2,520,422.19
NAD83	HARN 1993	Grid	7,055,407.54	2,520,422.21
NAD27	1986	Grid	489,887.59	2,245,509.94
<b>Elevation</b>	<b>NAVD 1988</b>	<b>640.78</b>	NGVD 1929	640.80

**To Reach Description:**  
 Located in the centerline median of K Ave. on the south side of Capital Ave.



Station Ties:		
Object	Distance (Feet)	Direction
Light Pole	79.7'	South
Back of Curb	2.1'	East
Back of Curb	3.4'	West

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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.

**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.