



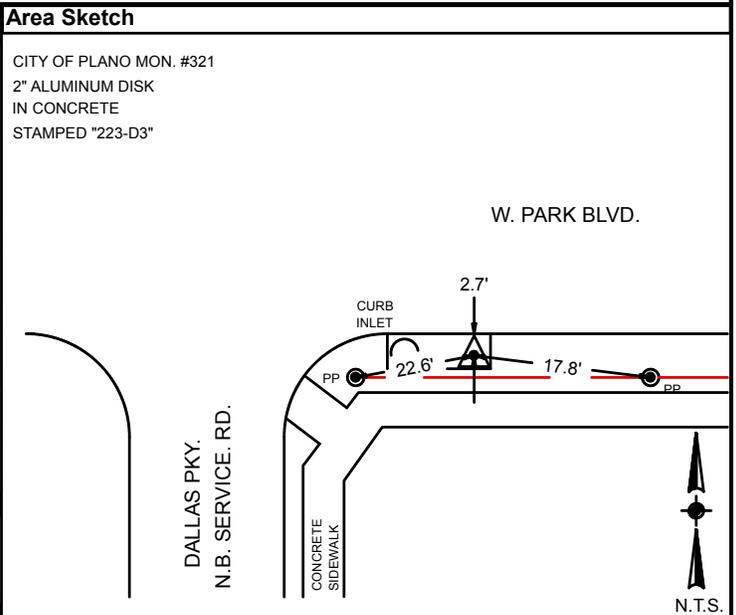
# City of Plano Geodetic Control Station

|   |                                    |                  |                       |                  |           |
|---|------------------------------------|------------------|-----------------------|------------------|-----------|
| <b>City of Plano Project No.:</b>               |                                    | <b>5843</b>      | <b>Station Name:</b>  |                  | <b>D3</b> |
| <b>Gorronдона &amp; Associates Project No.:</b> |                                    | 0901-3510        | <b>GPS Point No.:</b> |                  | 321       |
| <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, 223D3 |                  |                       |                  |           |
| <b>Established By:</b>                          | Halff                              |                  |                       |                  |           |
| <b>Date Established:</b>                        | 1986                               |                  |                       |                  |           |
| <b>ReSurvey By:</b>                             | G&AI                               |                  |                       |                  |           |
| <b>ReSurvey Date:</b>                           | 2009                               |                  |                       |                  |           |
| <b>Condition:</b>                               | Good                               |                  |                       |                  |           |
| <b>NAD83 NSRS 2007</b>                          | <b>Latitude:</b>                   | 33°01'40.18195"N | <b>Longitude:</b>     | 96°49'43.02444"W |           |
| <b>NAD83 NSRS 2007</b>                          | <b>Ellipsoid Height:</b>           | 589.31           | <b>Epoch Date:</b>    | 2002             |           |
|   | <b>Geoid Height:</b>               | -86.64           | <b>Geoid Model:</b>   | GEOID03          |           |

|  |            |
|--|------------|
| <b>City Wide Surface Adjustment Factor</b> | 1.00015421 |
|--|------------|

| 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>7,062,035.20</b> | <b>2,481,087.94</b> |
| NAD83  | NSRS 2007             | Grid            | 7,060,946.33        | 2,480,705.39        |
| NAD83  | HARN 1993             | Grid            | 7,060,946.35        | 2,480,705.41        |
| NAD27  | 1986                  | Grid            | 495,803.73          | 2,205,848.18        |
| <b>Elevation</b>   | <b>NAVD 1988</b>      | <b>675.95</b>   | NGVD 1929           | 675.97              |

**To Reach Description:**  
 Located at the Southeast corner of W. Park Blvd. and the Dallas Pky. N.B. Service Rd. in a curb inlet.



| Station Ties: |                 |           |
|---------------|-----------------|-----------|
| Object        | Distance (Feet) | Direction |
| Power Pole    | 22.6'           | East      |
| Back of Curb  | 2.7'            | South     |
| Power Pole    | 17.8'           | Northwest |

**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.

**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.