



# City of Norman

## Survey Control Monument Data Sheet

Date Printed: March 05, 2009



|   |
|---|
| Station No.: 325  |
| Monument Description: 3-1/2" Bronze Disc in Concrete  |
| Horizontal Datum - Oklahoma State Plane NAD83(CORS96), South Zone (U.S. Foot)   |
| Northing: 689,033.572   |
| Easting: 2,119,556.645  |
| Vertical Datum - NAVD 88 (U.S. Foot)  |
| Elevation: 1154.61  |
| Geodetic Coordinates  |
| North Latitude: 35° 13' 32.1389"  |
| West Longitude: 97° 29' 39.2642"  |
| Horizontal Control Statement:<br><i>The horizontal coordinates were derived from multiple static/rapid static GPS observations to NGS stations "PRCO", "OKDT", "OKTE", and "A-216".</i>                 |
| Vertical Control Statement:<br><i>The elevations for this control network were determined by differential leveling techniques from NGS stations "C 14 173", "W 215", "V 215", "U 215", and "A 216".</i> |
| Combined Scale Factor: 0.99994742   |

SW corner of brick wall 27.1' NE  
 Edge of sidewalk 8.3' E  
 Back of curb 9.0' W  
 Power pole 14.0' NW

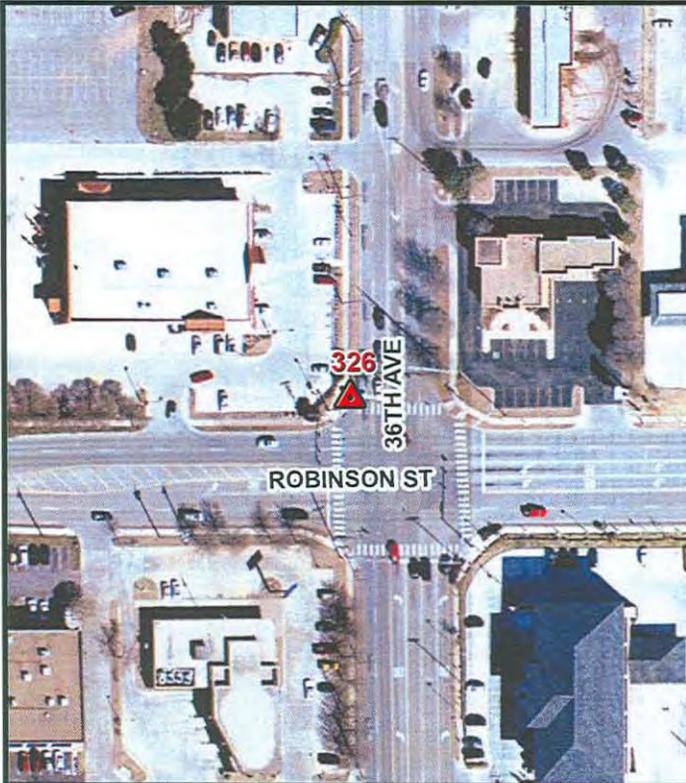
Set in grass area between the curb and sidewalk on the east side of 36th Avenue NW near the northeast corner of "Intrust Bank", north of Quail Drive.



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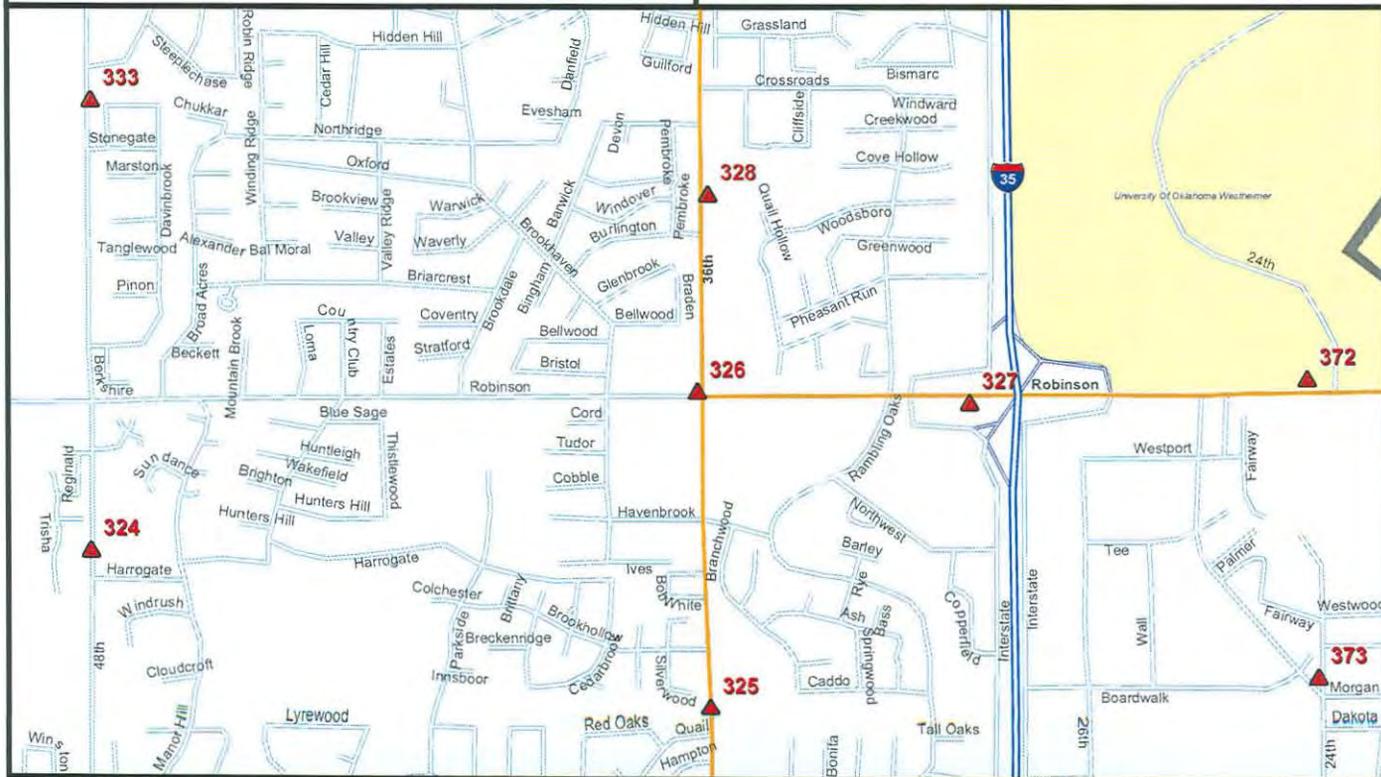
Date Printed: March 05, 2009



|   |
|---|
| Station No.: 326  |
| Monument Description: 3-1/2" Bronze Disc in Concrete  |
| Horizontal Datum - Oklahoma State Plane NAD83(CORS96), South Zone (U.S. Foot)   |
| Northing: 691,760.235   |
| Easting: 2,119,451.502  |
| Vertical Datum - NAVD 88 (U.S. Foot)  |
| Elevation: 1168.81  |
| Geodetic Coordinates  |
| North Latitude: 35° 13' 59.1115"  |
| West Longitude: 97° 29' 40.3669"  |
| Horizontal Control Statement:<br><i>The horizontal coordinates were derived from multiple static/rapid static GPS observations to NGS stations "PRCO", "OKDT", "OKTE", and "A-216".</i>                 |
| Vertical Control Statement:<br><i>The elevations for this control network were determined by differential leveling techniques from NGS stations "C 14 173", "W 215", "V 215", "U 215", and "A 216".</i> |
| Combined Scale Factor: 0.99994821   |

Back of curb 1.7' SE  
SE corner of traffic control box 5.4' W  
Power pole 9.3' N

Set in grass area in the northwest corner of the intersection of 36th Avenue Northwest and Robinson Street between the curb and sidewalk.





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## Survey Control Monument Data Sheet

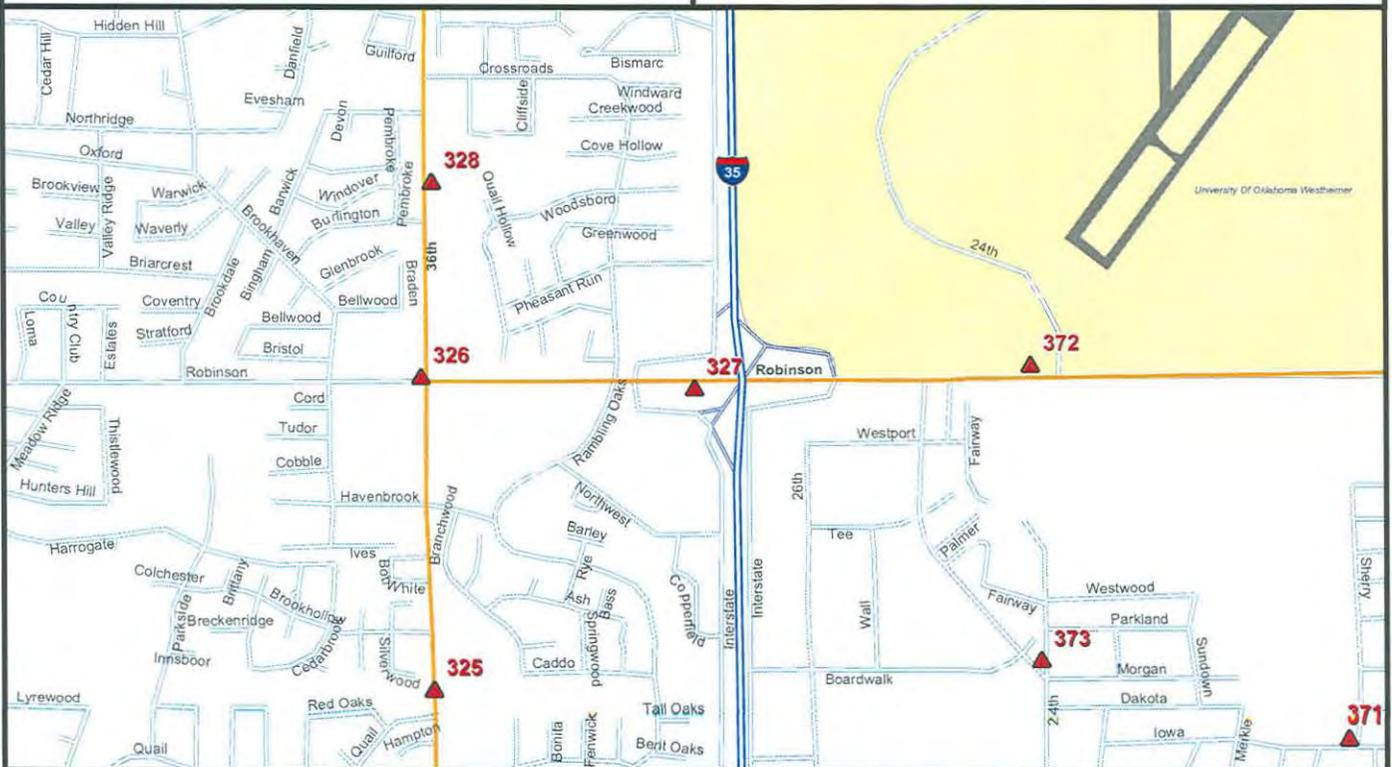
Date Printed: March 05, 2009



|   |   |
|---|---|
| Station No.:  | 327   |
| Monument Description:   | 3-1/2" Bronze Disc in Concrete  |
| Horizontal Datum - Oklahoma State Plane NAD83(CORS96), South Zone (U.S. Foot) |   |
| Northing:   | 691,664.608   |
| Easting:  | 2,121,805.643   |
| Vertical Datum - NAVD 88 (U.S. Foot)  |   |
| Elevation:  | 1192.75   |
| Geodetic Coordinates  |   |
| North Latitude:   | 35° 13' 58.0482"  |
| West Longitude:   | 97° 29' 11.9957"  |
| Horizontal Control Statement:   | The horizontal coordinates were derived from multiple static/rapid static GPS observations to NGS stations "PRCO", "OKDT", "OKTE", and "A-216".                   |
| Vertical Control Statement:   | The elevations for this control network were determined by differential leveling techniques from NGS stations "C 14 173", "W 215", "V 215", "U 215", and "A 216". |
| Combined Scale Factor:  | 0.99994701  |

Chain link fence 4.9' S  
 Light pole 32.6' WSW  
 Edge of sidewalk 1.2' N

Set in grass area between the sidewalk and chain link fence on south side of Robinson Street, west of Interstate No. 35.





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## Survey Control Monument Data Sheet

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Station No.: 328

Monument Description: 3-1/2" Brass Cap

Horizontal Datum - Oklahoma State Plane NAD83(CORS96), South Zone (U.S. Foot)

Northing: 693,460.220

Easting: 2,119,546.308

Vertical Datum - NAVD 88 (U.S. Foot)

Elevation: 1167.44

**Geodetic Coordinates**

North Latitude: 35° 14' 15.9200"

West Longitude: 97° 29' 39.1214"

**Horizontal Control Statement:**

The horizontal coordinates were derived from multiple static/rapid static GPS observations to NGS stations "PRCO", "OKDT", "OKTE", and "A-216".

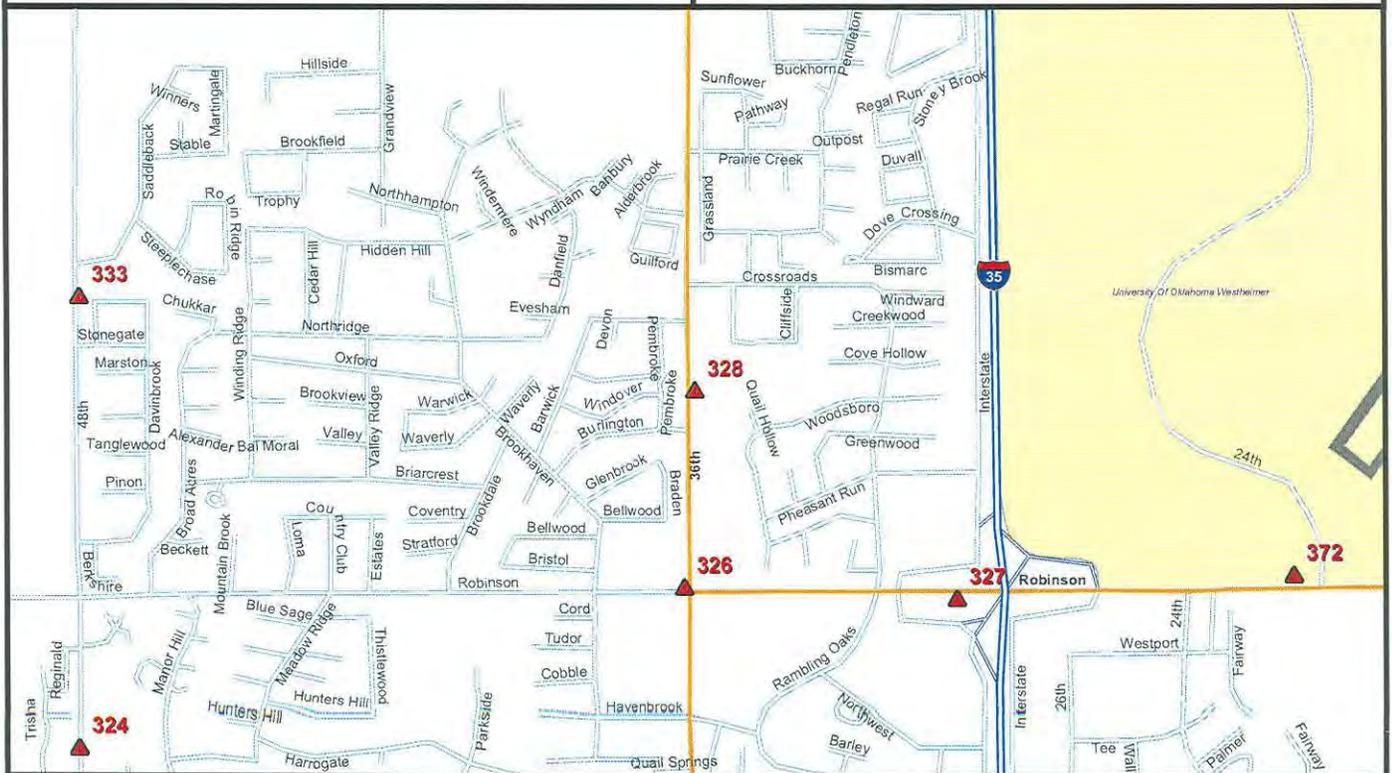
**Vertical Control Statement:**

The elevations for this control network were determined by differential leveling techniques from NGS stations "C 14 173", "W 215", "V 215", "U 215", and "A 216".

Combined Scale Factor: 0.99994920

NW corner of "Well No. 7" 51.0' SE  
4" Steel Post 29.1' S

Found brass cap set by "others" at top of slope, east of 36th Avenue Northwest, North of Robinson Street.





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## Survey Control Monument Data Sheet

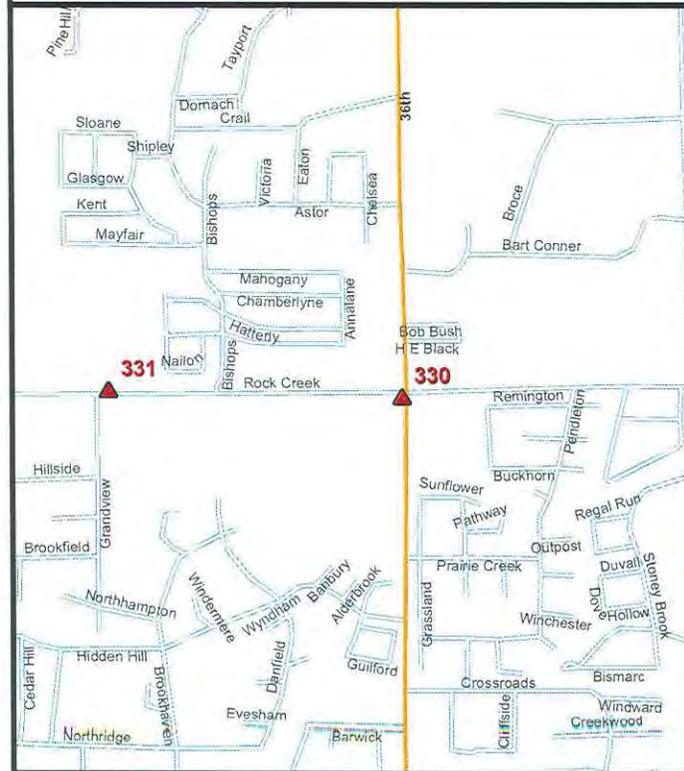
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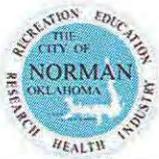


|   |
|---|
| Station No.: 329  |
| Monument Description: 3-1/2" Bronze Disc in Concrete  |
| Horizontal Datum - Oklahoma State Plane NAD83(CORS96), South Zone (U.S. Foot)   |
| Northing: 696,999.301   |
| Easting: 2,122,047.181  |
| Vertical Datum - NAVD 88 (U.S. Foot)  |
| Elevation: 1172.30  |
| Geodetic Coordinates  |
| North Latitude: 35° 14' 50.7971"  |
| West Longitude: 97° 29' 8.7565"   |
| Horizontal Control Statement:<br><i>The horizontal coordinates were derived from multiple static/rapid static GPS observations to NGS stations "PRCO", "OKDT", "OKTE", and "A-216".</i>                 |
| Vertical Control Statement:<br><i>The elevations for this control network were determined by differential leveling techniques from NGS stations "C 14 173", "W 215", "V 215", "U 215", and "A 216".</i> |
| Combined Scale Factor: 0.99995092   |

Right-of-way fence 3.2' E  
 Edge of road 3.5' W  
 Center of Rock Creek Road 4.8' S

Set in grass area between the east edge of Interstate Drive and the west right-of-way fence of Interstate No. 35 at east end of Rock Creek Road.





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|  |
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| <b>Station No.:</b> 330  |
| <b>Monument Description:</b> 3-1/2" Bronze Disc in Concrete  |
| <b>Horizontal Datum - Oklahoma State Plane NAD83(CORS96), South Zone (U.S. Foot)</b>   |
| <b>Northing:</b> 696,920.161   |
| <b>Easting:</b> 2,119,465.850  |
| <b>Vertical Datum - NAVD 88 (U.S. Foot)</b>  |
| <b>Elevation:</b> 1174.39  |
| <b>Geodetic Coordinates</b>  |
| <b>North Latitude:</b> 35° 14' 50.1434"  |
| <b>West Longitude:</b> 97° 29' 39.8824"  |
| <b>Horizontal Control Statement:</b>   |
| <i>The horizontal coordinates were derived from multiple static/rapid static GPS observations to NGS stations "PRCO", "OKDT", "OKTE", and "A-216".</i>                   |
| <b>Vertical Control Statement:</b>   |
| <i>The elevations for this control network were determined by differential leveling techniques from NGS stations "C 14 173", "W 215", "V 215", "U 215", and "A 216".</i> |
| <b>Combined Scale Factor:</b> 0.99995078   |

Stop sign 14.7' NW  
 Corner of sidewalk and curb 3.5' ESE  
 NE corner of communications vault 3.1' WSW

Set in the grass area in the southwest corner of the intersection of Rock Creek Road and 36th Avenue Northwest.





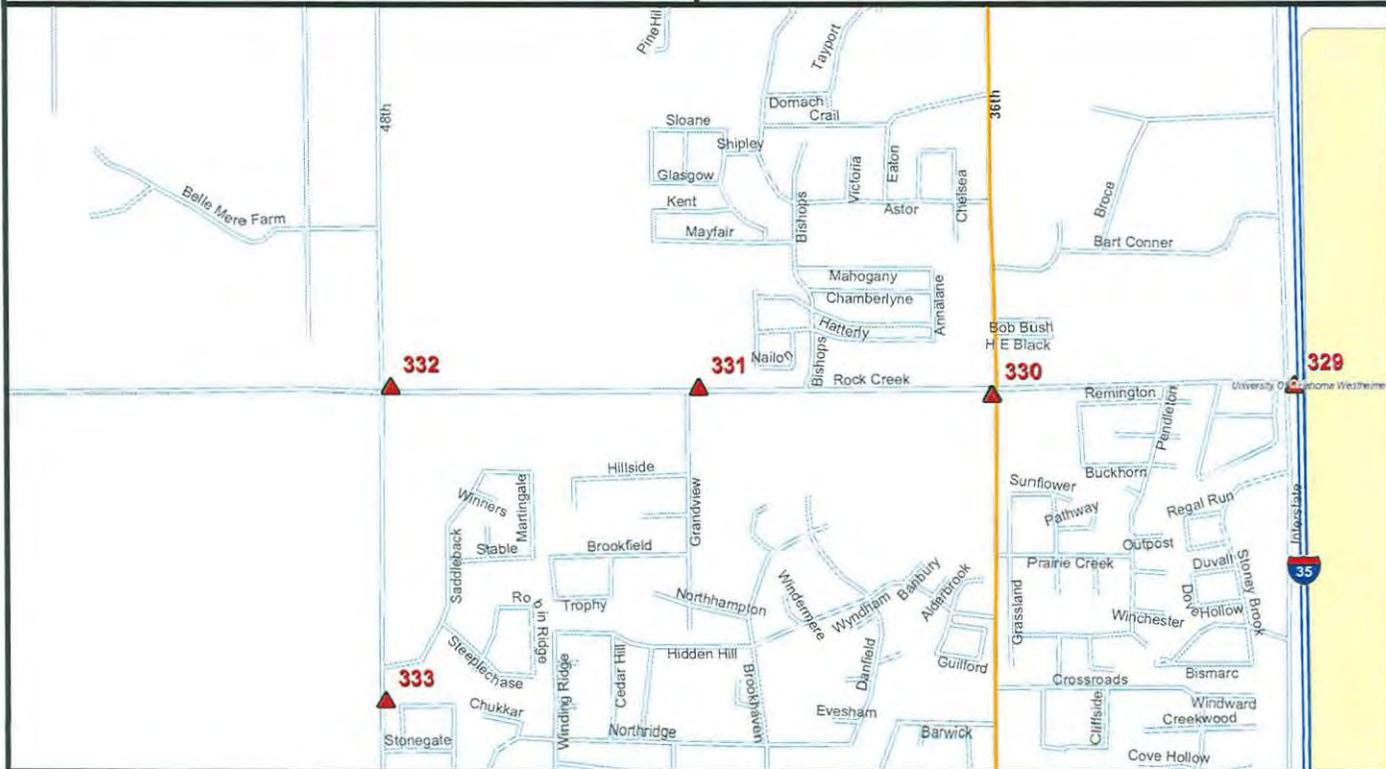
# City of Norman

## Survey Control Monument Data Sheet

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|  |
|--|
| Station No.: 331   |
| Monument Description: 3-1/2" Bronze Disc in Concrete   |
| Horizontal Datum - Oklahoma State Plane NAD83(CORS96), South Zone (U.S. Foot)  |
| Northing: 696,978.657  |
| Easting: 2,116,940.570   |
| Vertical Datum - NAVD 88 (U.S. Foot)   |
| Elevation: 1192.92   |
| Geodetic Coordinates   |
| North Latitude: 35° 14' 50.8460"   |
| West Longitude: 97° 30' 10.3242"   |
| Horizontal Control Statement:  |
| <i>The horizontal coordinates were derived from multiple static/rapid static GPS observations to NGS stations "PRCO", "OKDT", "OKTE", and "A-216".</i>                       |
| Vertical Control Statement:  |
| <i>The elevations for this control network were determined by differential leveling techniques from NGS stations "C 14 173", "W 215", "V 215", "U 215", and "A 216".</i>     |
| Combined Scale Factor: 0.99994993  |
| Edge of sidewalk 8.2' N<br>Back of curb 2.9' S<br>Stop sign 31.1' W  |
| Set in grass area between the sidewalk and curb on the north side of Rock Creek Road near the northeast corner of the intersection of Rock Creek Road and Grand View Avenue. |







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## Survey Control Monument Data Sheet

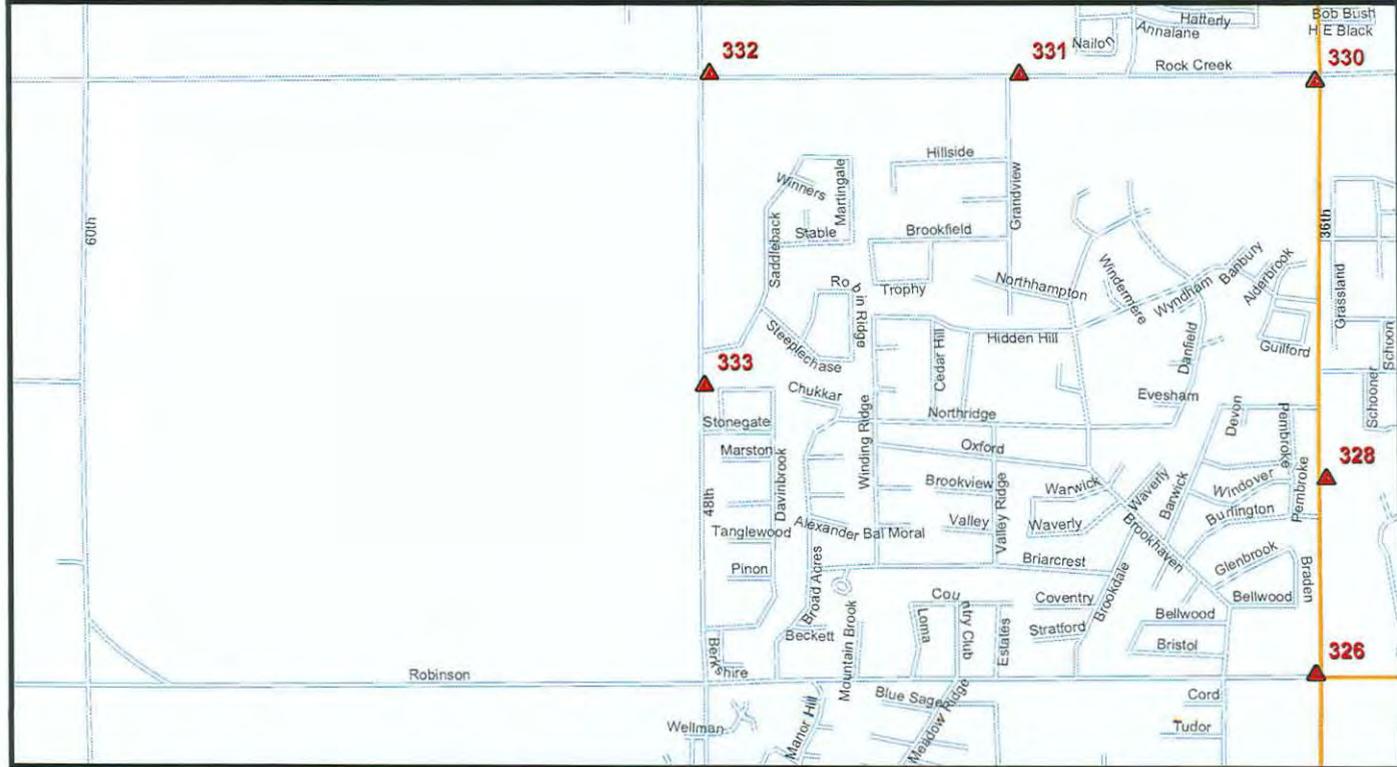
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|   |
|---|
| Station No.: 333  |
| Monument Description: 3-1/2" Bronze Disc in Concrete  |
| Horizontal Datum - Oklahoma State Plane NAD83(CORS96), South Zone (U.S. Foot)   |
| Northing: 694,268.774   |
| Easting: 2,114,235.267  |
| Vertical Datum - NAVD 88 (U.S. Foot)  |
| Elevation: 1128.72  |
| Geodetic Coordinates  |
| North Latitude: 35° 14' 24.1753"  |
| West Longitude: 97° 30' 43.0979"  |
| Horizontal Control Statement:<br><i>The horizontal coordinates were derived from multiple static/rapid static GPS observations to NGS stations "PRCO", "OKDT", "OKTE", and "A-216".</i>                 |
| Vertical Control Statement:<br><i>The elevations for this control network were determined by differential leveling techniques from NGS stations "C 14 173", "W 215", "V 215", "U 215", and "A 216".</i> |
| Combined Scale Factor: 0.99995152   |

Edge of road 8.0' E  
 Center of drainage Channel East 9.3' S  
 SE corner of headwall 13.8' WNW

Set on the west side of 48th Avenue Northwest and in-line with drainage channel east, south of Saddleback Blvd.





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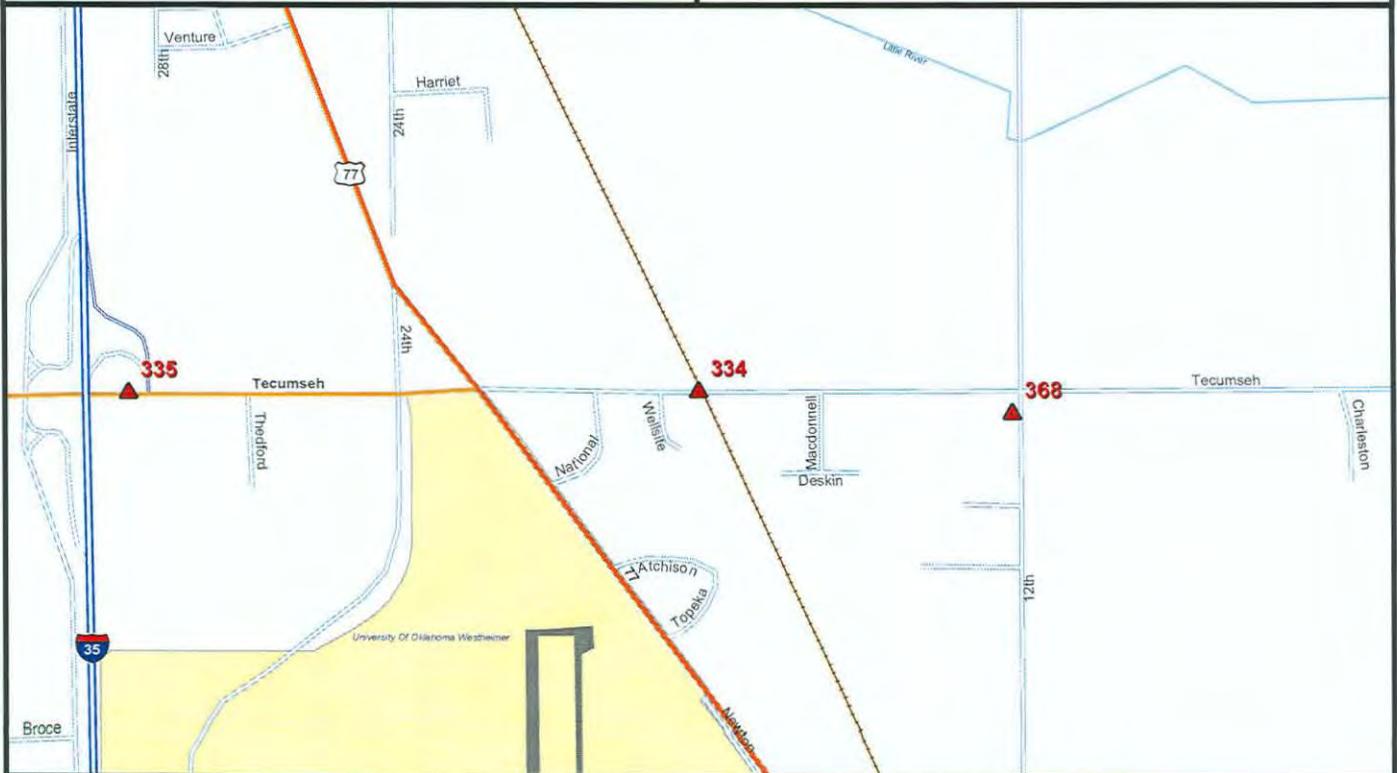
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|   |   |
|---|---|
| Station No.:  | 334   |
| Monument Description:   | 3-1/2" Bronze Disc in Concrete  |
| Horizontal Datum - Oklahoma State Plane NAD83(CORS96), South Zone (U.S. Foot) |   |
| Northing:   | 702,340.043   |
| Easting:  | 2,127,247.720   |
| Vertical Datum - NAVD 88 (U.S. Foot)  |   |
| Elevation:  | 1163.07   |
| Geodetic Coordinates  |   |
| North Latitude:   | 35° 15' 43.3513"  |
| West Longitude:   | 97° 28' 5.7186"   |
| Horizontal Control Statement:   | The horizontal coordinates were derived from multiple static/rapid static GPS observations to NGS stations "PRCO", "OKDT", "OKTE", and "A-216".                   |
| Vertical Control Statement:   | The elevations for this control network were determined by differential leveling techniques from NGS stations "C 14 173", "W 215", "V 215", "U 215", and "A 216". |
| Combined Scale Factor:  | 0.99995434  |

Railroad signal pole 35.4' W  
 No Parking sign 12.7' E  
 Back of curb 3.7' S

Set on the north side of Tecumseh Road just east of the railroad tracks and west of the entrance to concrete plant.





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|  |
|--|
| Station No.: 335   |
| Monument Description: 3-1/2" Bronze Disc in Concrete   |
| Horizontal Datum - Oklahoma State Plane NAD83(CORS96), South Zone (U.S. Foot)  |
| Northing: 702,323.406  |
| Easting: 2,122,368.591   |
| Vertical Datum - NAVD 88 (U.S. Foot)   |
| Elevation: 1203.33   |
| Geodetic Coordinates   |
| North Latitude: 35° 15' 43.4370"   |
| West Longitude: 97° 29' 4.5538"  |
| Horizontal Control Statement:  |
| <i>The horizontal coordinates were derived from multiple static/rapid static GPS observations to NGS stations "PRCO", "OKDT", "OKTE", and "A-216".</i>                   |
| Vertical Control Statement:  |
| <i>The elevations for this control network were determined by differential leveling techniques from NGS stations "C 14 173", "W 215", "V 215", "U 215", and "A 216".</i> |
| Combined Scale Factor: 0.99995242  |
| Highway sign 19.0' E<br>Back of curb 3.7' S<br>NE corner of bridge deck over I-35 131' WSW   |
| Set on north side of Tecumseh Road and east of Interstate No. 35 near top of hill.   |





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|   |   |
|---|---|
|   | Station No.: 336  |
|   | Monument Description: 3-1/2" Bronze Disc in Concrete  |
|   | Horizontal Datum - Oklahoma State Plane NAD83(CORS96), South Zone (U.S. Foot)   |
|   | Northing: 681,314.865   |
|   | Easting: 2,145,921.287  |
|   | Vertical Datum - NAVD 88 (U.S. Foot)  |
| Elevation: 1178.66                                      |   |
| Geodetic Coordinates                                    | North Latitude: 35° 12' 14.3785"  |
| West Longitude: 97° 24' 22.0392"                        |   |
| Horizontal Control Statement:                           | The horizontal coordinates were derived from multiple static/rapid static GPS observations to NGS stations "PRCO", "OKDT", "OKTE", and "A-216".                   |
| Vertical Control Statement:                             | The elevations for this control network were determined by differential leveling techniques from NGS stations "C 14 173", "W 215", "V 215", "U 215", and "A 216". |
| Combined Scale Factor: 0.99994211                       |   |
| Power pole 16' SE<br>Stop sign 14' E<br>Sidewalk 3.4' S | Set in grass area between curb and sidewalk at the northwest corner of SE 24th and Lindsey  |

