

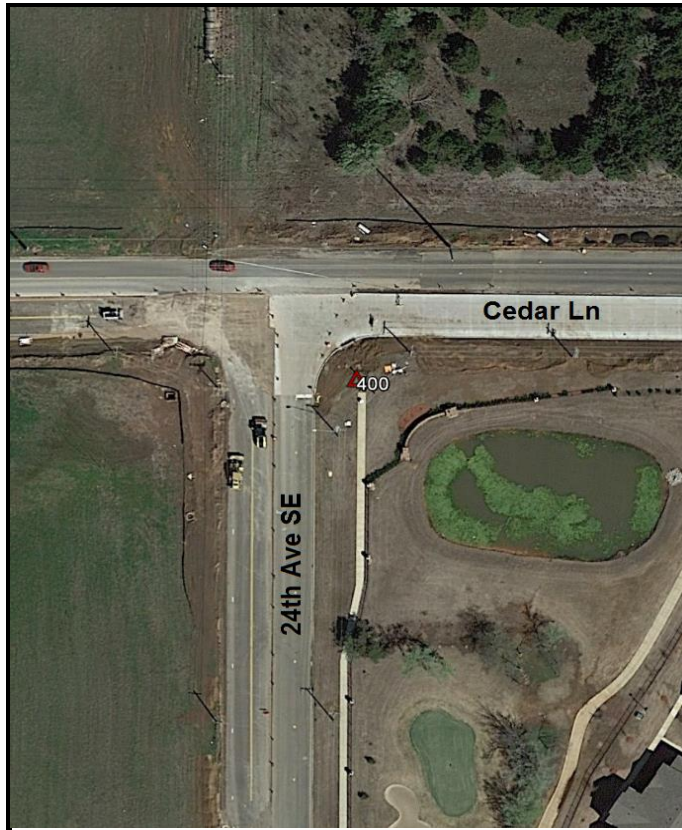


City of Norman

Survey Control Monument Data Sheet

Date Printed: May 09, 2016

400



Station No.: 400

Monument Description: 3-1/2" Bronze Disc in Concrete

Horizontal Datum - Oklahoma State Plane NAD83(CORS96),

South Zone (U.S. Foot)

Northing: 670,775.42

Easting: 2,146,095.31

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

Elevation: 1175.56

Geodetic Coordinates

North Latitude: 35° 10' 30.1239"

West Longitude: 97° 24' 20.7062"

Horizontal Control Statement:

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

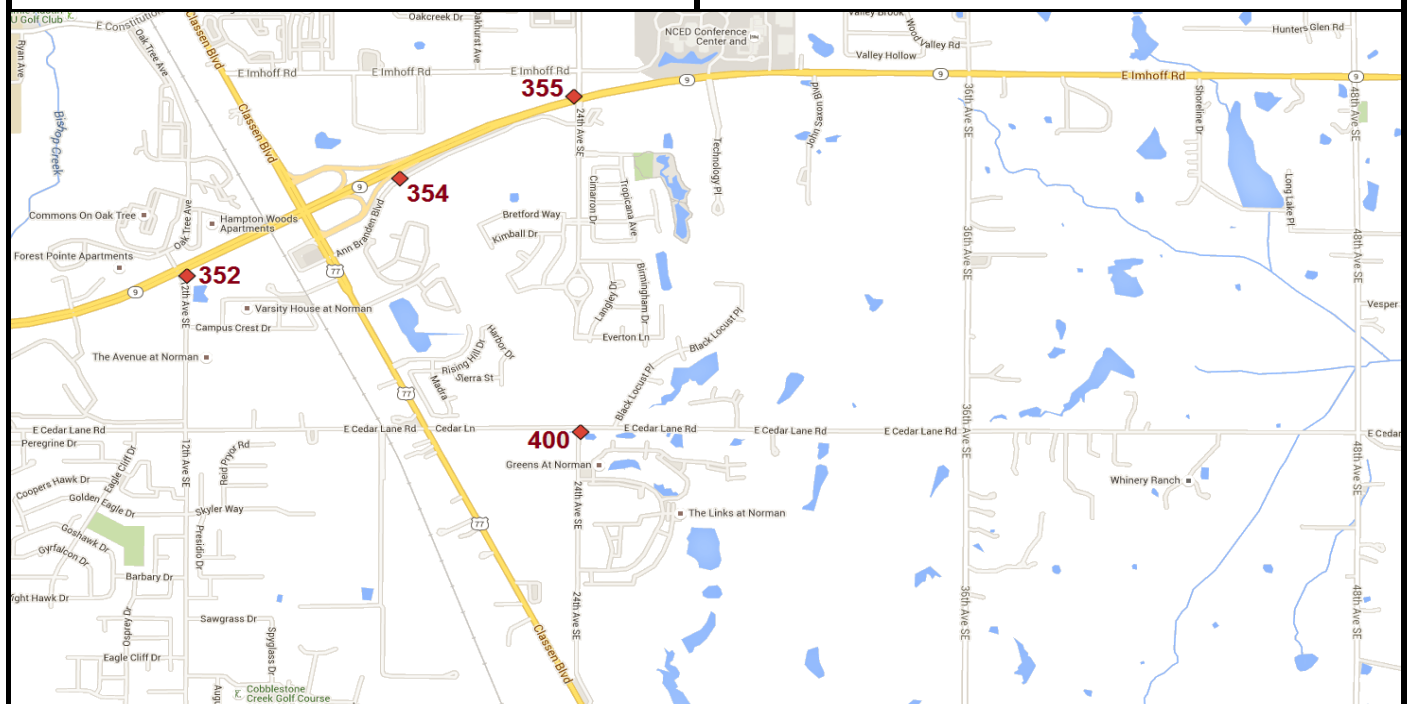
Vertical Control Statement:

The elevations for this control network were determined by differential leveling techniques from NGS Stations "C 14 173", "W215", "V215", "U215", and "A216".

Combined Scale Factor:

Centerline P.I. 58' North and 50' West

Found in grass at southeast corner of Cedar Lane and 24th Ave S.E.



Prepared by Engineering Department, City of Norman



City of Norman

Survey Control Monument Data Sheet

Date Printed: May 09, 2016

401



Station No.: 401

Monument Description: "X" Chiseled in Concrete

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

Northing: 702,173.8711

Easting: 2,119,539.232

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

Elevation: 1186.99

Geodetic Coordinates

North Latitude: 35° 15' 42.0936"

West Longitude: 97° 29' 38.6963"

Horizontal Control Statement:

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

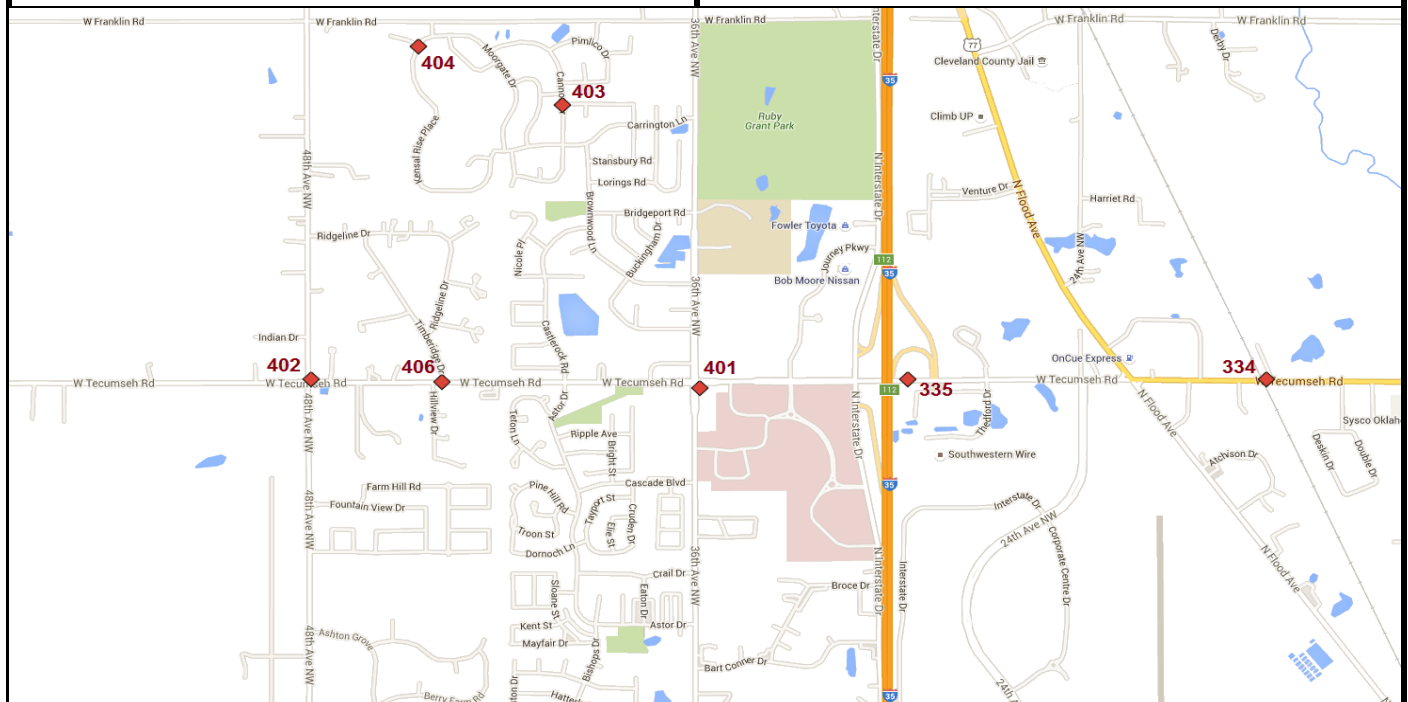
Vertical Control Statement:

The elevations for this control network were determined by differential leveling techniques from NGS Stations "C 14 173", "W215", "V215", "U215", and "A216".

Combined Scale Factor: 0.99995204

Curb 40' North
Curb 30' West

Set on 2" diameter concrete pad for water valve @ S.E.
Corner of Tecumseh Rd. and 36th Ave N.W.



Prepared by Engineering Department, City of Norman



City of Norman

Survey Control Monument Data Sheet

Date Printed: May 09, 2016

402



Station No.: 402

Monument Description: "X" Chiseled in Concrete

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

Northing: 702,278.0122

Easting: 2,114,246.143

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

Elevation: 1135.45

Geodetic Coordinates

North Latitude: 35° 15' 43.3814"

West Longitude: 97° 30' 42.5159"

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:

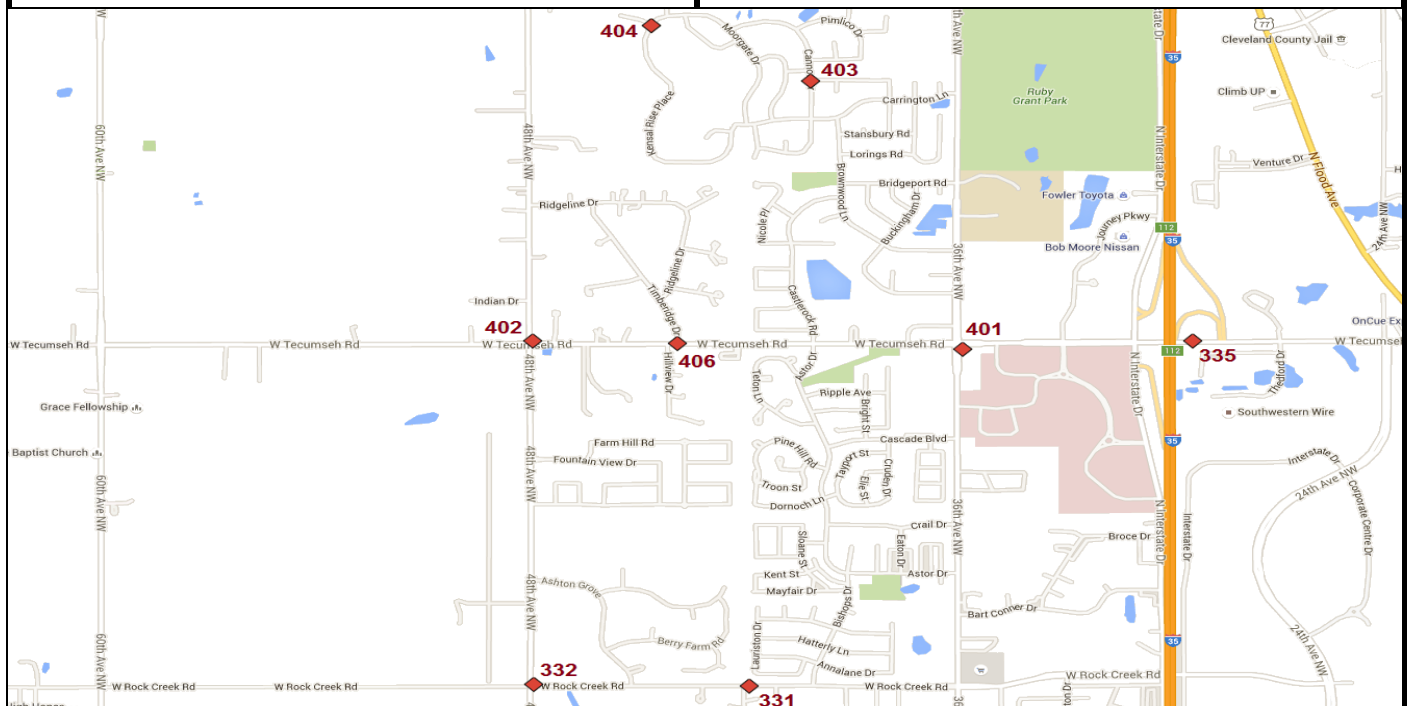
The elevations for this control network were determined by differential leveling techniques from NGS Stations "C 14 173", "W215", "V215", "U215", and "A216".

Combined Scale Factor:

Centerline P.I. 38' West and 64' South.

Set on 3' x 4' concrete pad for Traffic Signal Box.

Northeast corner of W Tecumseh Rd. & 48th Ave NW.



Prepared by Engineering Department, City of Norman



City of Norman

Survey Control Monument Data Sheet
Date Printed: May 09, 2016

403



Station No.: 403

Monument Description: Brass Cap

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

Northing: 706,301.2267

Easting: 2,117,650.211

Vertical Datum - NAVD 88 (U.S. Foot)
Elevation: 1182.07

Geodetic Coordinates

North Latitude: 35° 16' 23.0066"

West Longitude: 97° 30' 01.2283"

Horizontal Control Statement:

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

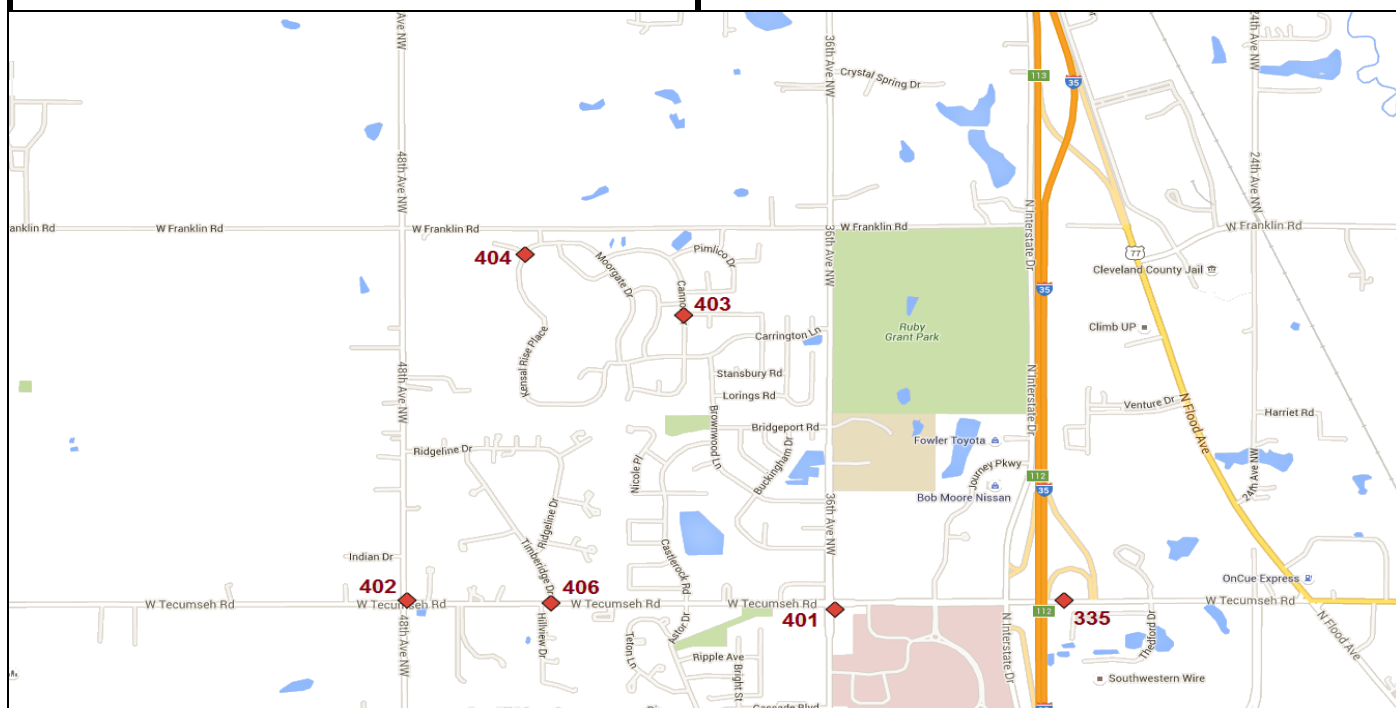
Vertical Control Statement:

The elevations for this control network were determined by differential leveling techniques from NGS Stations "C 14 173", "W215", "V215", "U215", and "A216".

Combined Scale Factor:

Centerline PI of Cannon Dr. and Warrington Way

Found @ Centerline P.I. of Cannon Dr. & Warrington Way,
Plat of Carrington Place Addition Sec. 5.



Prepared by Engineering Department, City of Norman



City of Norman

Survey Control Monument Data Sheet

Date Printed: May 09, 2016

404



Station No.: 404

Monument Description: Brass Cap

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

Northing: 707,151.9389

Easting: 2,115,675.894

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

Elevation: 1186.50'

Geodetic Coordinates

North Latitude: 35° 16' 31.5162"

West Longitude: 97° 30' 24.9884"

Horizontal Control Statement:

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

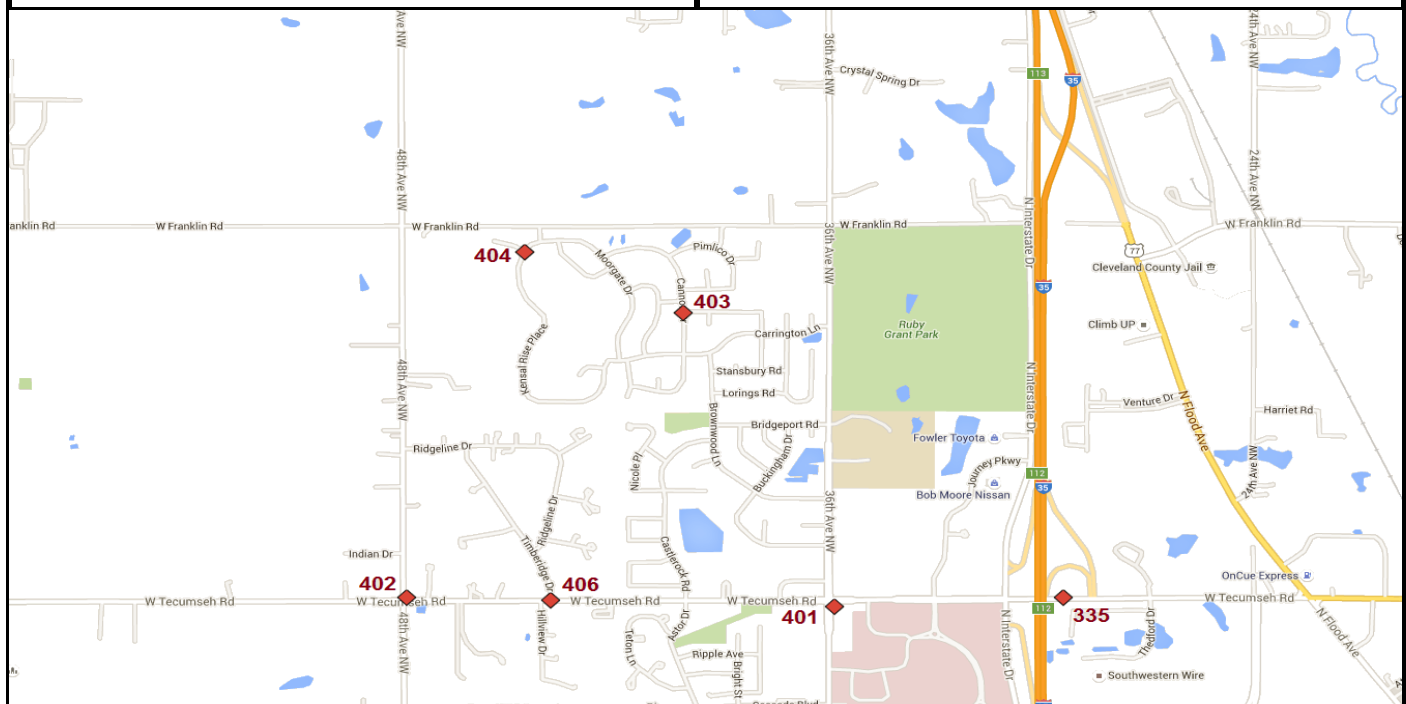
Vertical Control Statement:

The elevations for this control network were determined by differential leveling techniques from NGS Stations "C 14 173", "W215", "V215", "U215", and "A216".

Combined Scale Factor:

Centerline PI of Kingsland Rd and Kensal Rise Place

Found @ Centerline PI of Kingsland Rd & Kensal Rise Place, Plat of Carrington Place Addition Sec. 8.



Prepared by Engineering Department, City of Norman

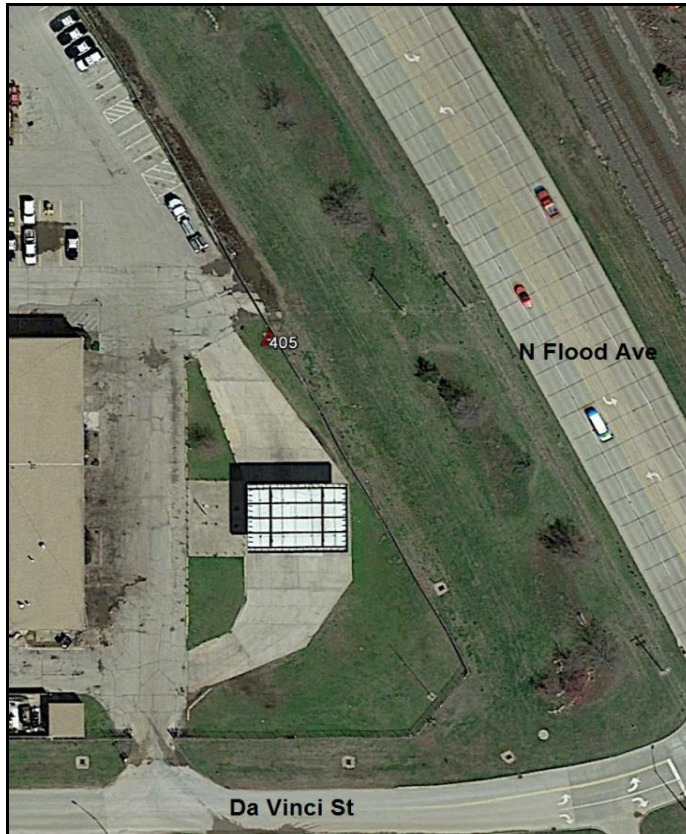


City of Norman

Survey Control Monument Data Sheet

Date Printed: May 09, 2016

405



Station No.: 405

Monument Description: "X" Chiseled in Concrete

Horizontal Datum - Oklahoma State Plane NAD83(CORS96),

South Zone (U.S. Foot)

Northing: 696,030.6171

Easting: 2,129,848.274

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

Elevation: 1181.14

Geodetic Coordinates

North Latitude: 35° 14' 40.8076"

West Longitude: 97° 27' 34.7838"

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", "W215", "V215", "U215", and "A216".

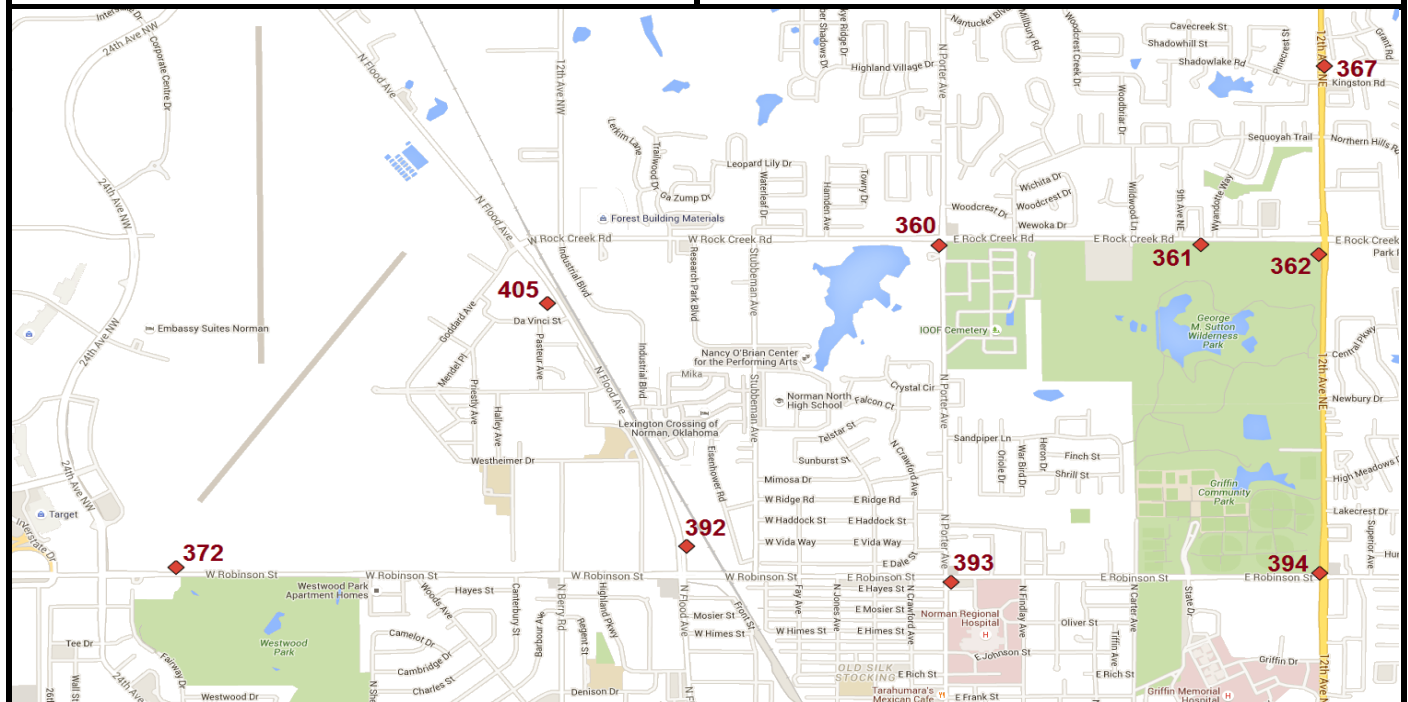
Combined Scale Factor: 0.99995072

Rock Creek Rd 1000'± north.

West R/W fence of Flood Ave 5' East. Fire Hydrant 8' south

In line with north edge of Fleet Management Building.

Found on northwest corner of 5' x 5.5' concrete pad. 1301
Da Vinci Street.



Prepared by Engineering Department, City of Norman



City of Norman

Survey Control Monument Data Sheet

Date Printed: May 09, 2016

406



Station No.: 406

Monument Description: "X" Chiseled in Concrete

Horizontal Datum - Oklahoma State Plane NAD83(CORS96),

South Zone (U.S. Foot)

Northing: 702,266.46

Easting: 2,116,028.04

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

Elevation: 1196.85

Geodetic Coordinates

North Latitude: 35°15'43.1813"

West Longitude: 97°30'21.0298"

Horizontal Control Statement:

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

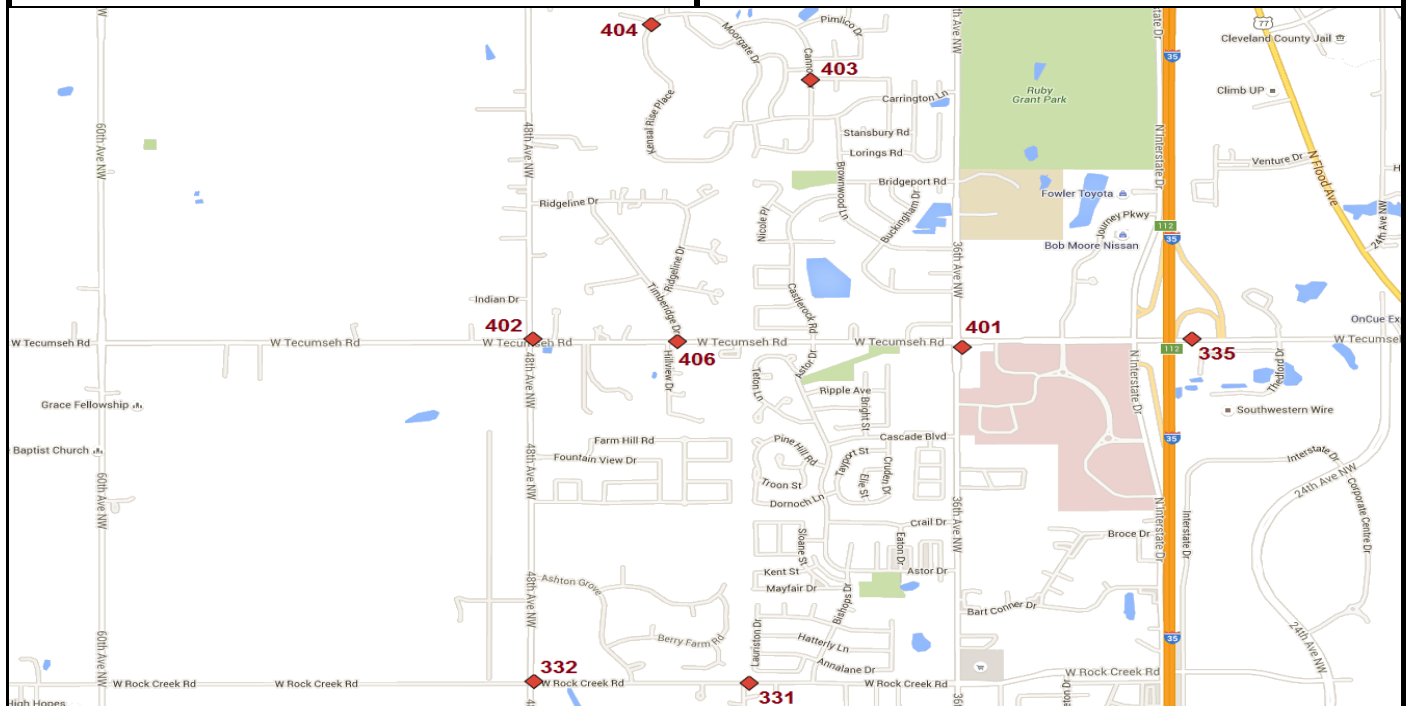
Vertical Control Statement:

The elevations for this control network were determined by differential leveling techniques from NGS Stations "C 14 173", "W215", "V215", "U215", and "A216".

Combined Scale Factor:

Centerline Timberidge Dr, north side of Tecumseh Rd.

Found on top of curb, south end of island, centerline of Timberidge Dr, north side of Tecumseh Rd.



Prepared by Engineering Department, City of Norman

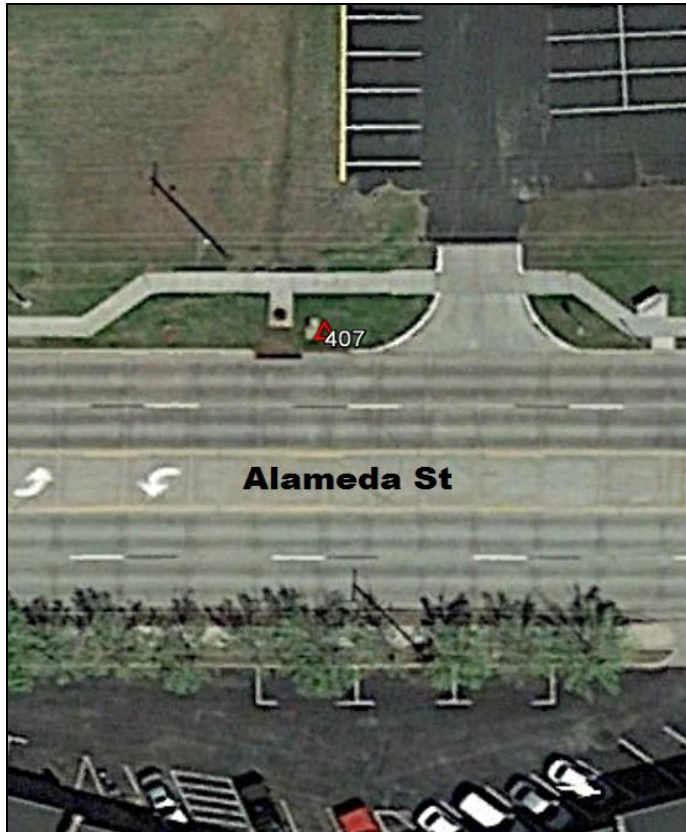


City of Norman

Survey Control Monument Data Sheet

Date Printed: May 19, 2016

407



Curb 7' South, CL Shiloh Dr. 200' +/- East

Station No.: 407

Monument Description: "X" Chiseled in Concrete

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

Northing: 686,560.173

Easting: 2,142,586.333

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

Elevation: 1195.19

Geodetic Coordinates

North Latitude: 35° 13' 06.4422"

West Longitude: 97° 25' 01.8761"

Horizontal Control Statement:

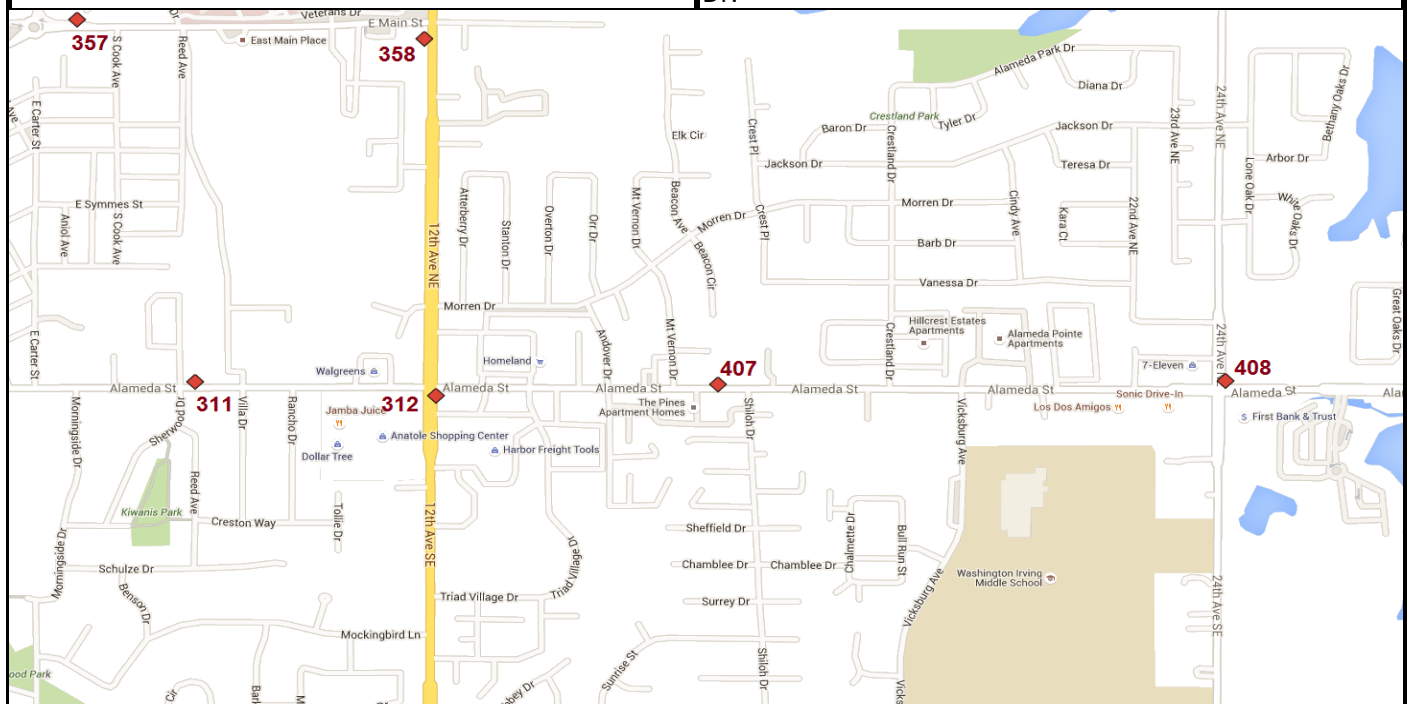
The horizontal coordinates were derived from multiple static/rapid static GPS observations to NGS stations "PRCO", "OKDT", "OKTE", and "A-216".

Vertical Control Statement:

The elevations for this control network were determined by differential leveling techniques from NGS Stations "C 14 173", "W215", "V215", "U215", and "A216".

Combined Scale Factor:

Set on N.E. corner of 2.5'x5' concrete pad for water valve & blow-off valve at N.W. corner of E. Alameda St & Shiloh Dr.



Prepared by Engineering Department, City of Norman



City of Norman

Survey Control Monument Data Sheet

Date Printed: May 19, 2016

408



Station No.: 408

Monument Description: "X" Chiseled in Concrete

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

Northing: 686,603.960

Easting: 2,145,978.976

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

Elevation: 1199.10

Geodetic Coordinates

North Latitude: 35° 13' 06.6796"

West Longitude: 97° 24' 20.9851"

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", "W215", "V215", "U215", and "A216".

Combined Scale Factor:

Curb 37' South
Curb 12' West

Found on S.W. corner of 2.7'x6' concrete pad for water valve & blow-off valve at N.E. corner of E. Alameda St. & 24th Ave N.E.



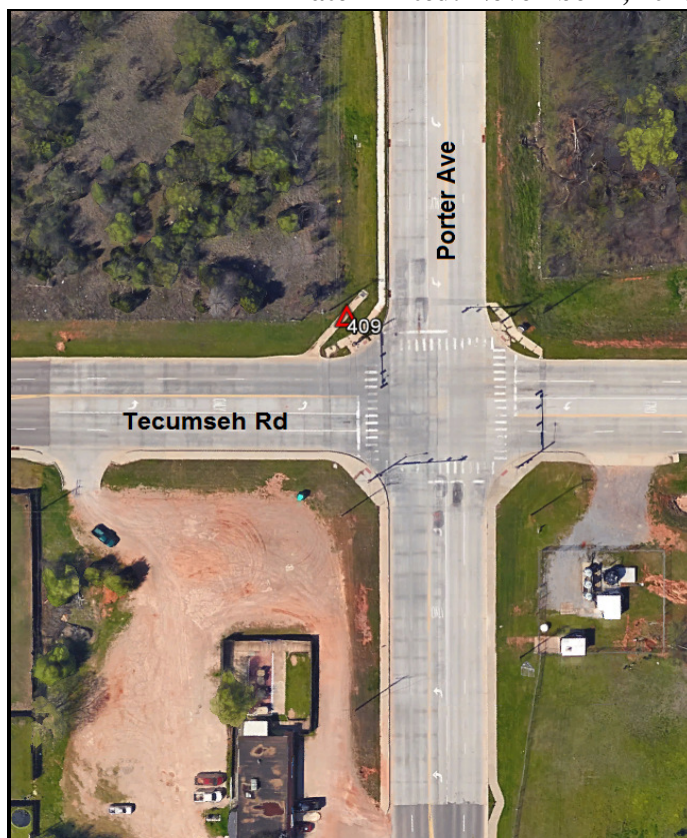
Prepared by Engineering Department, City of Norman



City of Norman

Survey Control Monument Data Sheet
Date Printed: November 1, 2016

409



Station No.: 409

Monument Description: "X" Chiseled in Concrete

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

Northing: 702,387.00

Easting: 2,135,249.43

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

Elevation: 1173.10

Geodetic Coordinates

North Latitude: 35°15'43.3822"

West Longitude: 97°26'29.2447"

Horizontal Control Statement:

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

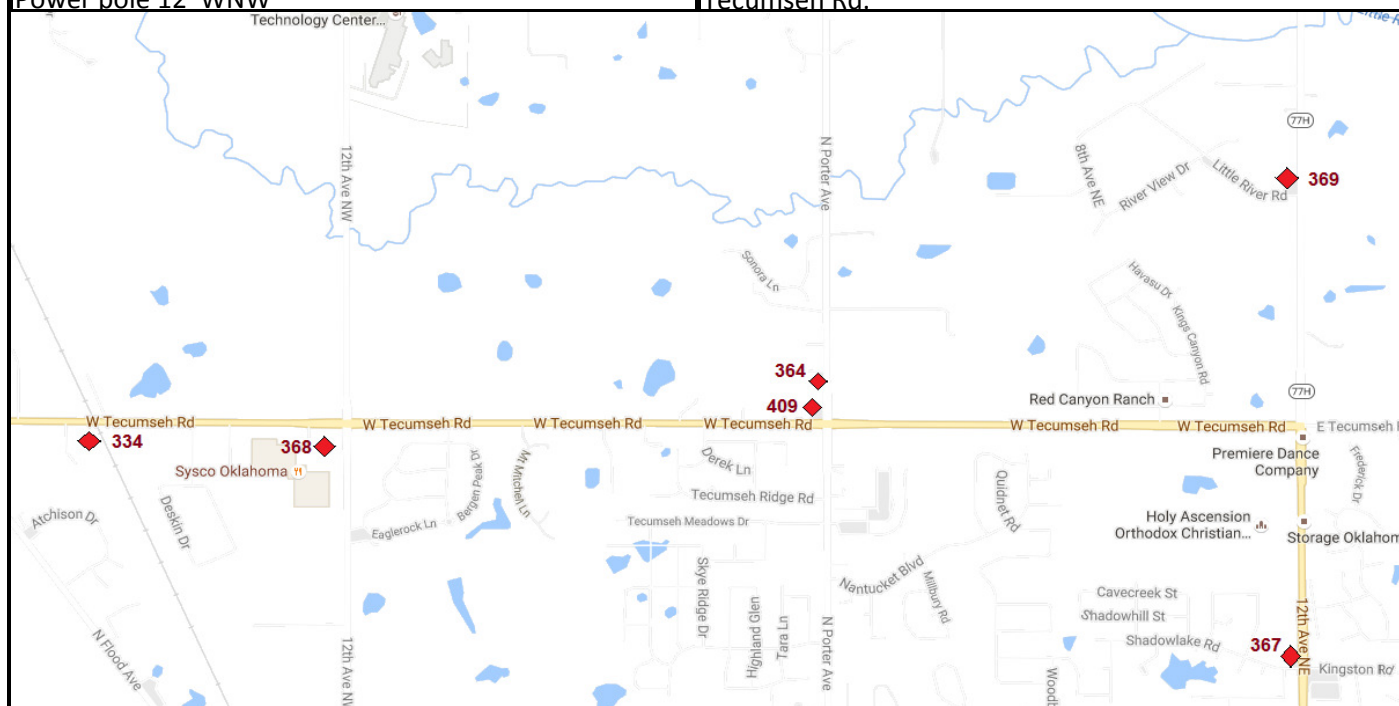
Vertical Control Statement:

The elevations for this control network were determined by differential leveling techniques from NGS Stations "C 14 173", "W215", "V215", "U215", and "A216".

Combined Scale Factor:

Grate inlet @ NE end of conc. drainage ditch 16' NE
Traffic signal pole 19' SSE
Power pole 12' WNW

Set chiseled "X" on conc. curb, southeasterly side of
concrete drainage ditch, NW corner of Porter Ave &
Tecumseh Rd.



Prepared by Engineering Department, City of Norman