

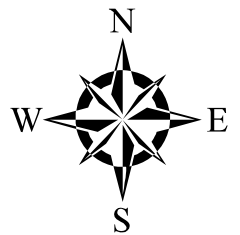
# The City of Greeley Control Network

GIS Reference No: 108

Pin ID: Unknown

Cap ID: SC\_9\_4694

State/County: CO/Weld



**Horizontal Datum -** NAD83/92 - HARN (High Accuracy Reference Network) Based  
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet  
Ellipsoid GRS 80 - (Geodetic Referenc System of 1980)

**Vertical Datum -** NAVD 88 - (North American Vertical Datum of 1988)

## Surveyed Location & Height - US Feet (Adjusted)

NAVD88 Elev: 4,696.79

NAVD29 Elev: 4,693.84

Northing 83 Feet: 1,407,737.60

Easting 83 Feet: 3,202,156.40

## GIS Map Position -

(GIS position values for X, Y and Lat, Long are derived from desktop mapping product; they do not guarantee accuracy and should not be used for engineering purposes.)

GIS X Coordinate: 3,202,156.40

GIS Y Coordinate: 1,407,737.60

Latitude: 40d27'01.33"N

Longitude: 104d46'24.97"W

## Dates -

**Date of Install:**

**Date of Survey:** 00/01/1995

**Date of Recovery:**

## Types -

**Monument Type:** Brass 3 1/4" Disk

**Benchmark Type:** City Benchmark

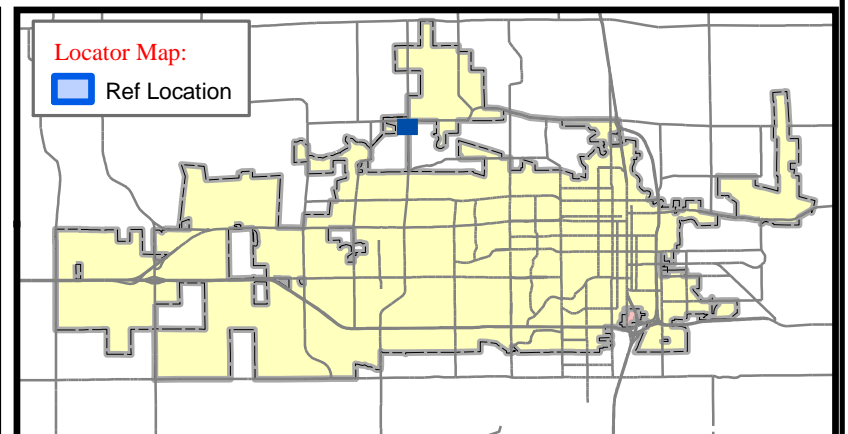
## NGVD 29 to NAVD 88 Conversion -

**Scale Factor:** 0.999962900

**Combined Factor:** 0.999738296

**Convergence:** 0 28' 09.65693"

Scale: 1 inch equals 300 feet



- |                                 |                        |
|---------------------------------|------------------------|
| CITY BENCHMARK                  | US GEOLOGICAL SURVEY   |
| COLORADO DEPT OF TRANSPORTATION | QUARTER QUARTER        |
| HARN POINT                      | QUARTER SECTION CORNER |
| NATIONAL GEODETIC SURVEY        | SECTION CORNER         |

**Contact:** ----- The City of Greeley GIS Program, 1010 6th St, Greeley, CO 80631, (970) 350-9787

**Description:** Harn densification point OSC9. Located approximately 55' feet west of the centerline of 59th Ave., 0.9 miles north of "F" Street, and 15' south of the southern rail of the Colorado Southern Railroad tracks. Monument is a U.S.G.S. brass cap and is one of the High Accuracy Reference Network (HARN). [NE 1/4 OF T6NR66WS33]

**Publication Date:** 1/24/2007 12:00:00 AM