In 1859, “the survey crew navigated scorching plains and rugged mountainous terrain, traversing a distance of 345 miles in 55 days.”
Started as COB/RTD bus stop improvement project, slated for 2006. Christian Muller conceived world map and Baseline stripe idea.

(Left to right: Alex May, PE; Jason Emery, PLS; Christian Muller, Artist)
**Location**

40th Parallel Marker is adjacent to Guaranty Bank at 2460 Baseline Road (BaseMar Shopping Center), Boulder, CO.
Alex May and Jason Emery considered a surveyor’s commemorative.

Preliminary design by Christian. A large boulder was suggested and the design team discovered a wonderful specimen on City mountain property.

Stone cutting, Spring 2007
Christian’s Epiphany:
Cut & off-set rock halves
Installation underway, October 2007
Budget Issues

Alex proposed a public/private partnership and fundraising was discussed.
► Early commitment from Trimble got it going...

Other contributors:
City of Boulder, Transportation
Basemar Center
Boulder Arts Commission
Boulder Land Consultants, Inc.
ColoProperty.com®
Drexel Barrell & Co
Jason Emery, PLS, Boulder County Surveyor
Flatirons Surveying & Engineering
J.B. Guyton, PLS, President, PLSC
Professional Land Surveyors of Colorado
Note that bench was created from bottom of boulder.
Project Design Enhancements:

- Bench with marker to NGS standards
- Night lighting
- Donor plaque changed to two piece design
In July 1859

Government surveyors, Withrow and Ives, were charged with establishing the line demarcating Nebraska Territory on the north and Kansas Territory on the south.

The line was to follow the parallel of latitude 40° North, also known as the 'Baseline,' and was to terminate at the summit of the Rocky Mountains, the eastern line of Utah Territory.

The survey crew navigated sparsely populated land, traversing a distance of 345 miles in 54 days.

The stone marker, setting the 'Baseline' as surveyed in 1859, celebrates the historic survey party as well as all surveyors whose remarkable work aided in the organized territorial expansion of the United States.
In July 1859, Government surveyors, Withrow and Todd, were charged with establishing the line demarcating Nebraska Territory on the north, and Kansas Territory on the south.

This line was to follow the parallel of latitude 40° North, also known as the “Base Line”, and was to terminate at “the summit of the Rocky Mountains”, then the easterly line of Utah Territory.

The survey crew navigated scorching plains and rugged mountainous terrain, traversing a distance of 345 miles in 55 days.

This stone marker, set along the “Baseline” as surveyed in 1859, celebrates this historic survey party as well as all surveyors whose remarkable work aided in the organized westward expansion of the United States.
Stone memorial is set along the “Base Line” as surveyed in 1859…

Actual location of 40th Parallel is approximately 30’ south
Brass “Todd & Withrow” marker set into bench, constructed to federal (NGS) specifications.

Flatirons Surveying (J.B. Guyton, PLS) to perform bluebooking using OPUS-DB
Designers & Installers:
Christian Muller, Leap Year, Inc.
Jason Emery, PLS
Carol Adams, Studio Terra, Inc.

Construction Donations:
NORAA Concrete Construction Corp.
Bowman Custom Landscaping, Inc.
W.L. Contractors, Inc.
Our Thanks
to all contributors for
making this become a reality

What's Next

Boulder Sesquicentennial Celebration
1859-2009