

Welcome to Salt Lake City



Entering

SALT LAKE CITY

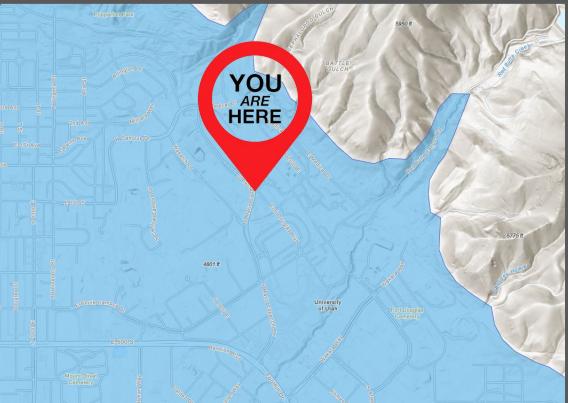
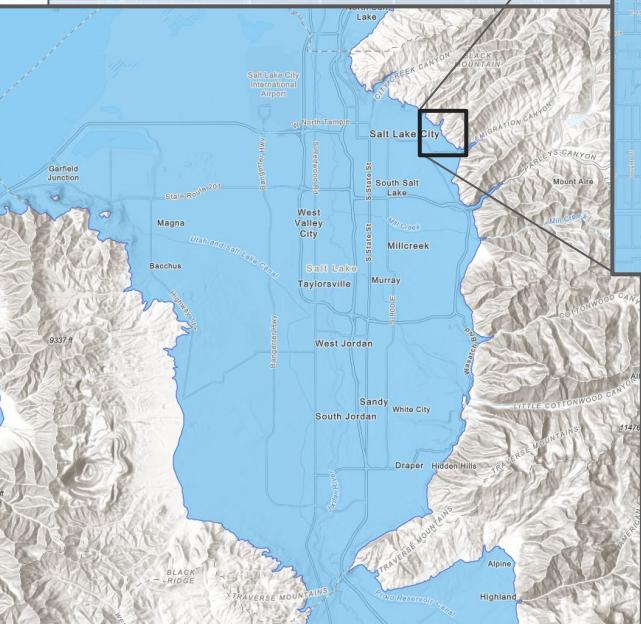
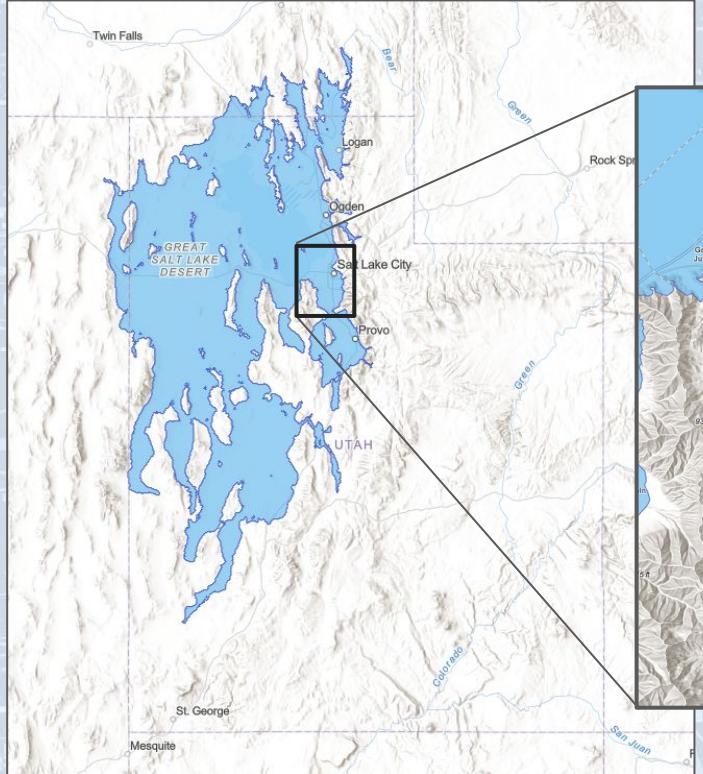
State of the Map US

June 6–8, 2024



Greg Bunce

Lake Bonneville (18,000 years ago)

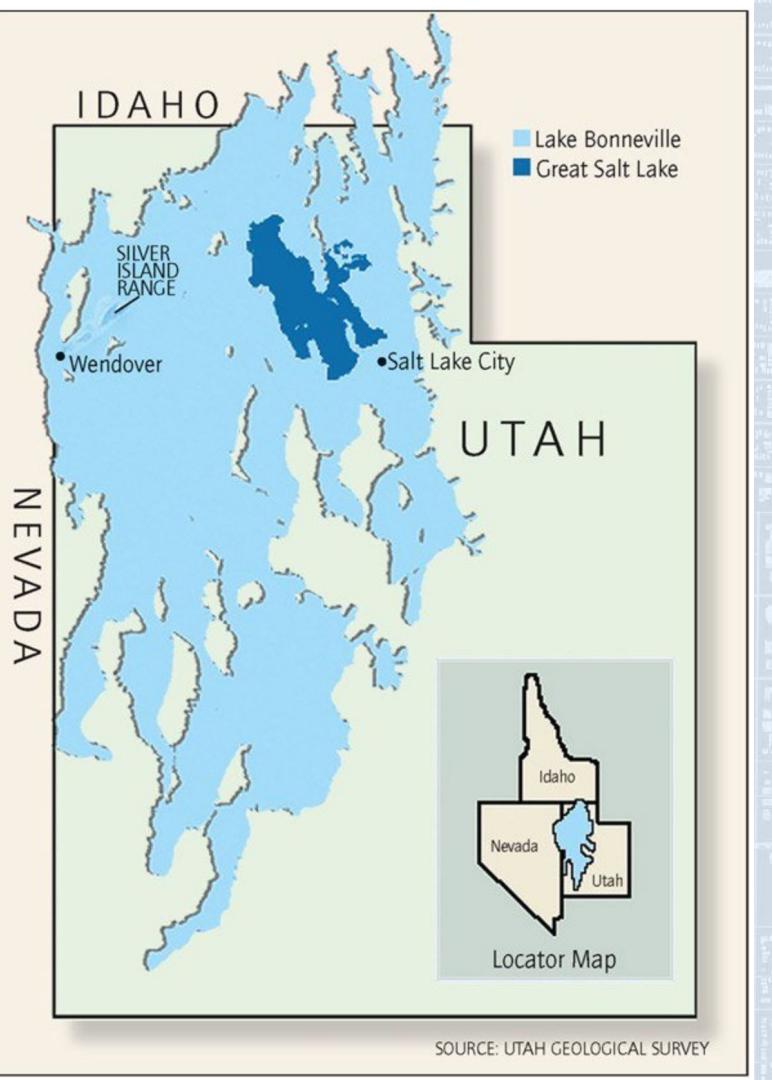


University of Utah

Salt Lake Valley

Utah

Great Salt Lake and Lake Bonneville (18,000 years ago)





Lake Bonneville's Shorelines

Top 5555'
Kenecott Utah Copper Smelter Smokestack

Block U Symbol of the
University of Utah 5200'



Bonneville Shoreline 5090'



This is the Place
Monument 4925'

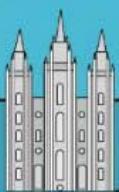
Provo Shoreline 4740'

Utah State
Capitol Building
4530'



Stansbury Shoreline 4500'

Salt Lake Temple
The Church of Jesus Christ
of Latter-day Saints 4325'



Base 4320'

Gilbert Shoreline 4250'

Highest Recorded Level

Great Salt Lake 4200'

Lowest Recorded Level



A landscape photograph showing a steep mountain slope on the right side of the frame. The mountain is covered in green vegetation at the base, transitioning to snow-capped peaks in the background under a clear blue sky. In the foreground, there's a valley with some buildings and trees. A white line is drawn across the middle of the image, separating the mountain from the valley floor.

Steep Mountain

Bonneville shoreline

sand and gravel

Oquirrh strata



2023



132 feet - Salt Lake City

Feet

660

132



Portland, OR

Feet

660

132



Salt Lake City

1847

Mormon Pioneers

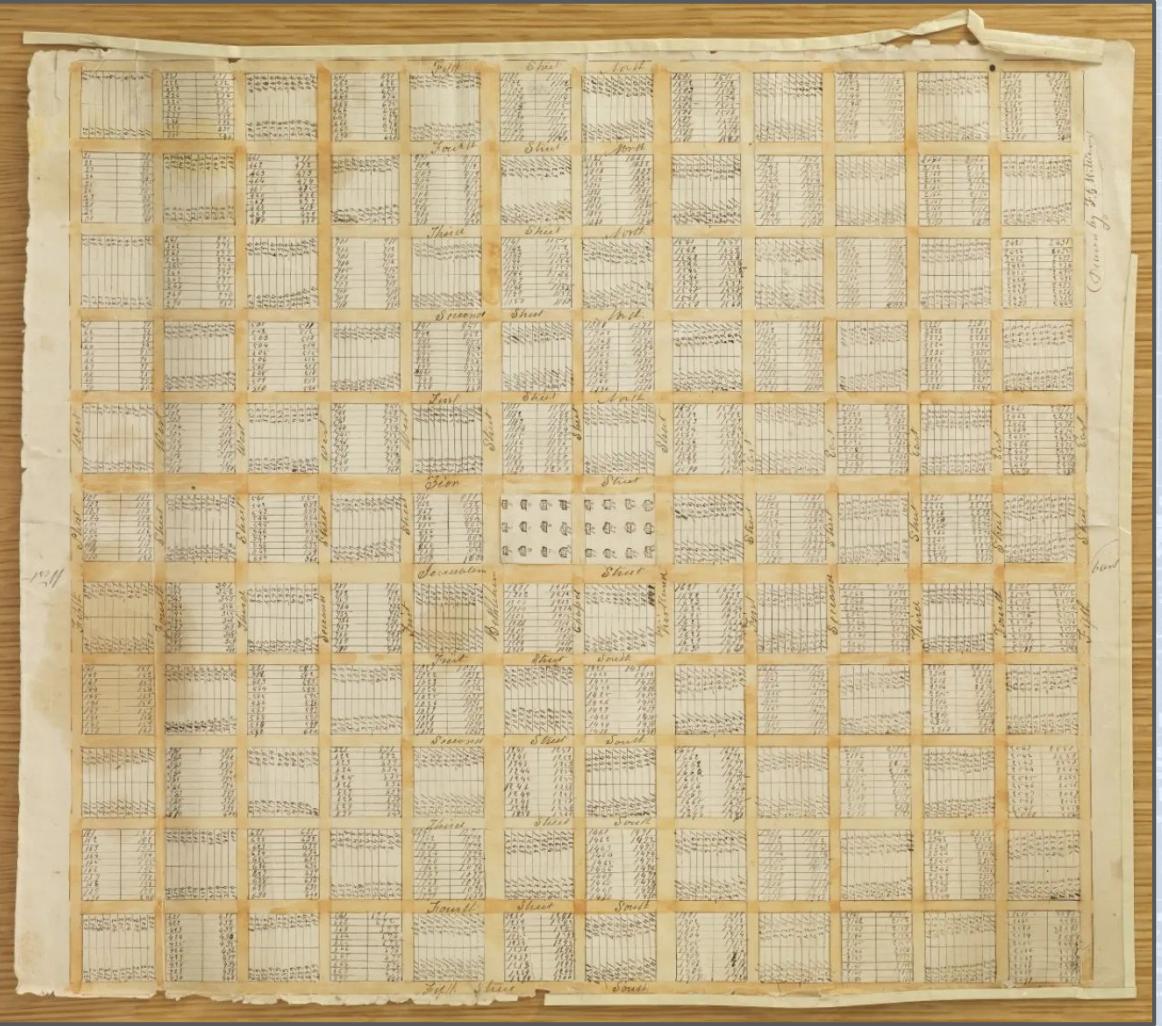


United States in 1847



Plat of the City Of Zion

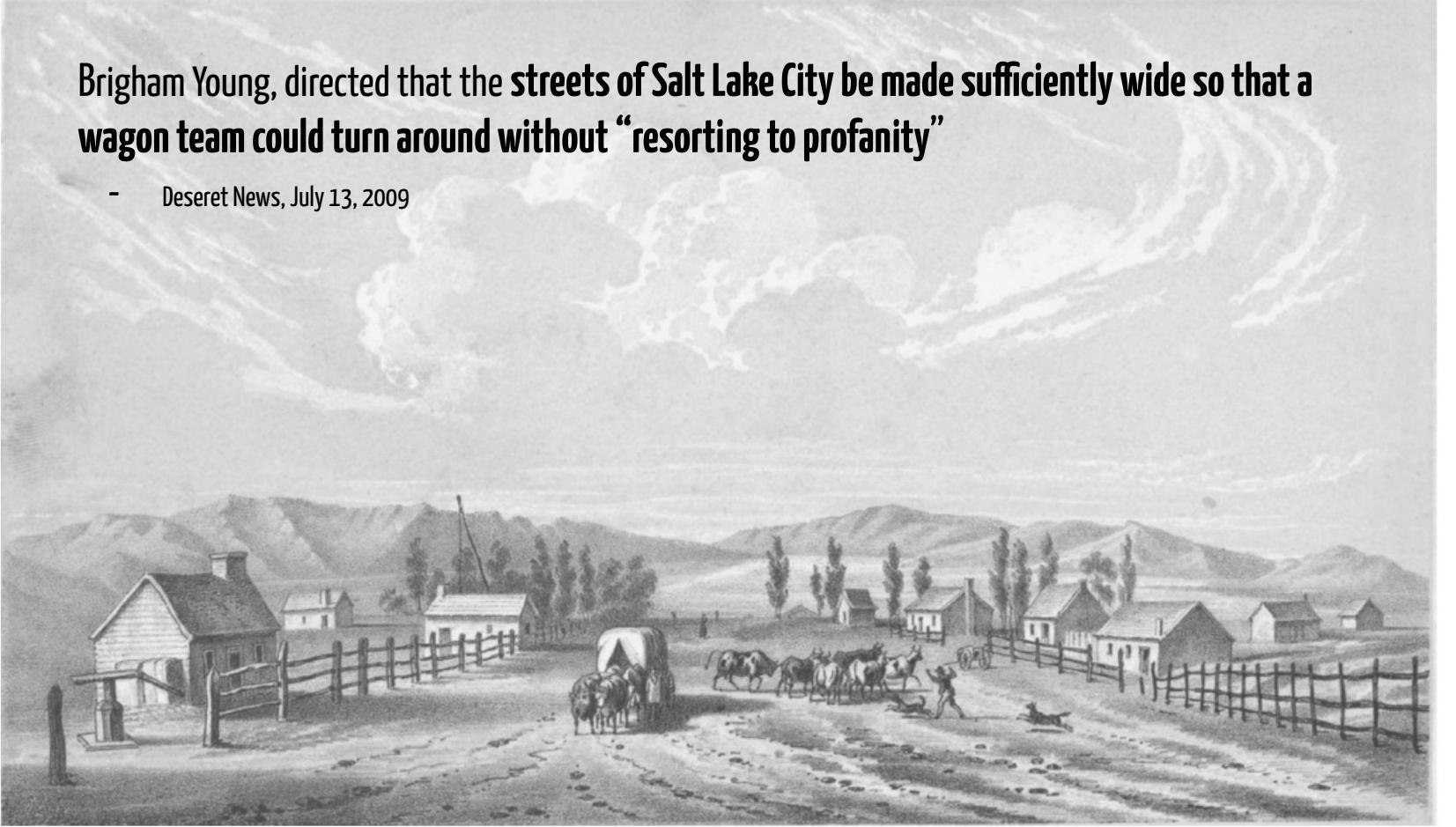
(circa 1833)
Joseph Smith





Brigham Young, directed that the streets of Salt Lake City be made sufficiently wide so that a wagon team could turn around without “resorting to profanity”

- Deseret News, July 13, 2009

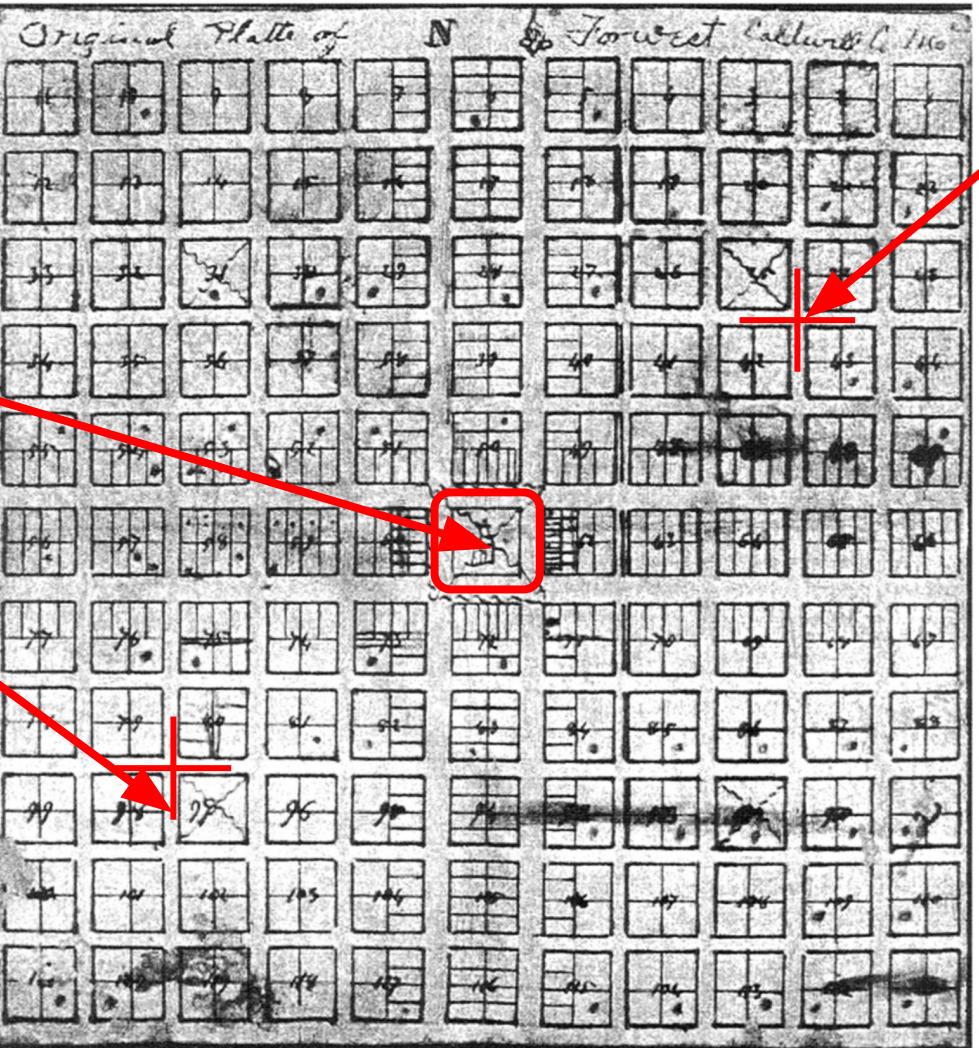




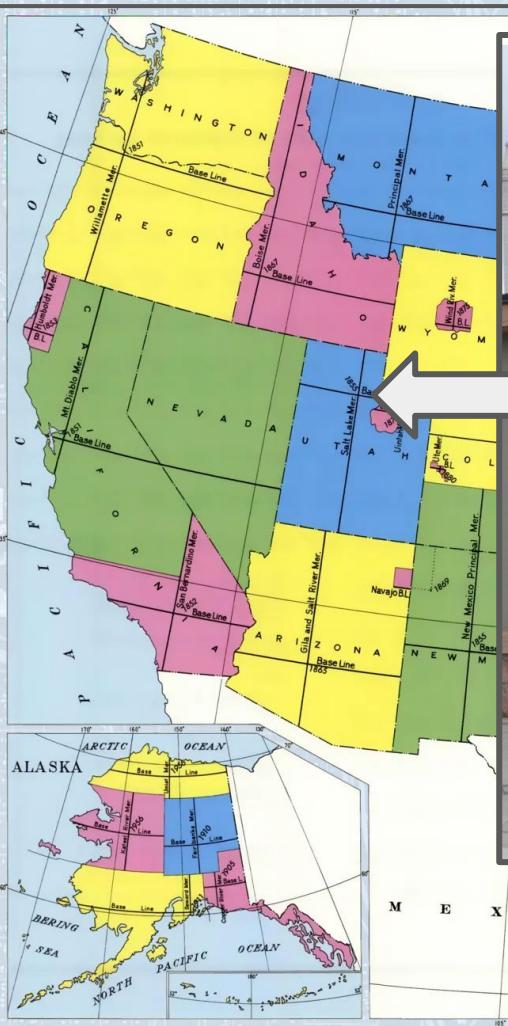
Utah's Coordinate Addressing

0,0 (origin)

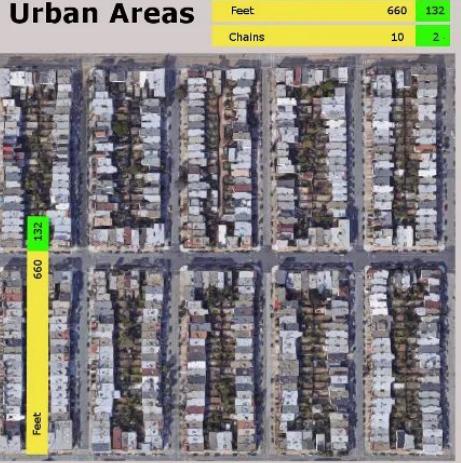
200 S, 300 W
(SW quad)



Public Land Survey System (PLSS)



The Western Grid in four Urban Areas



San Francisco



Phoenix

Salt Lake City



Portland

The Western Grid, Explained



Fort Douglas (est. 1862)



The Beehive State



The Busy Bees



Early
adopters
1970s



1991

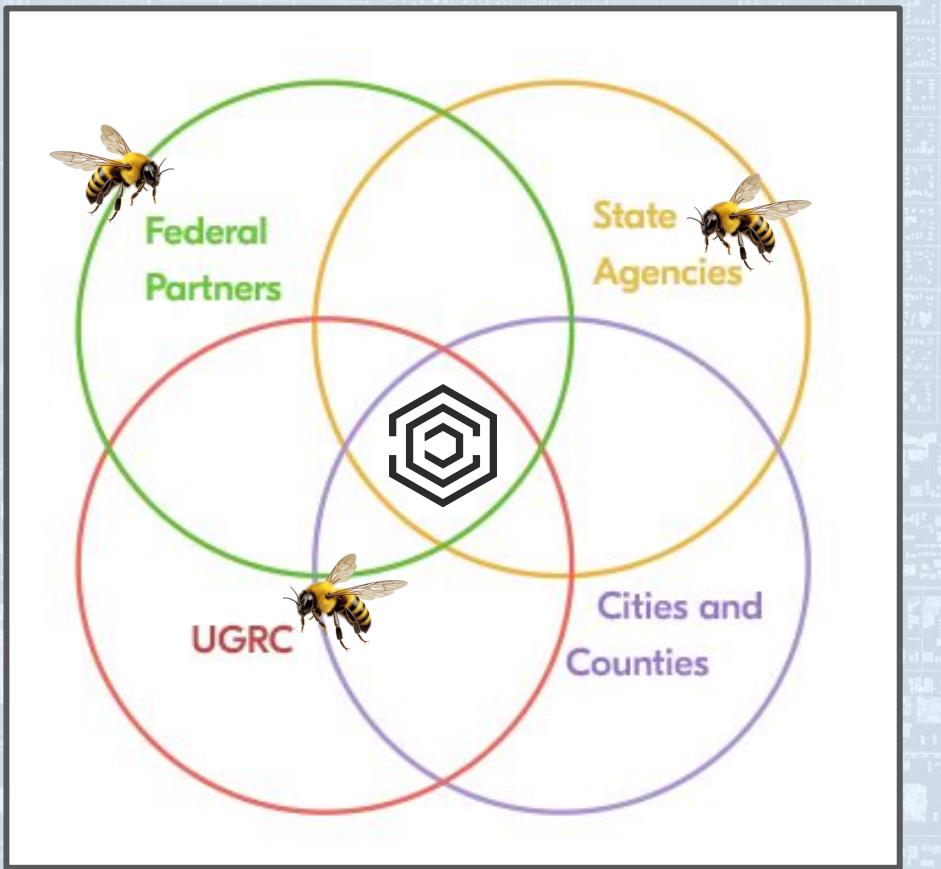


SGID

**STATE GEOGRAPHIC
INFORMATION DATASOURCE**



SGID
Authoritative



Search Catalog



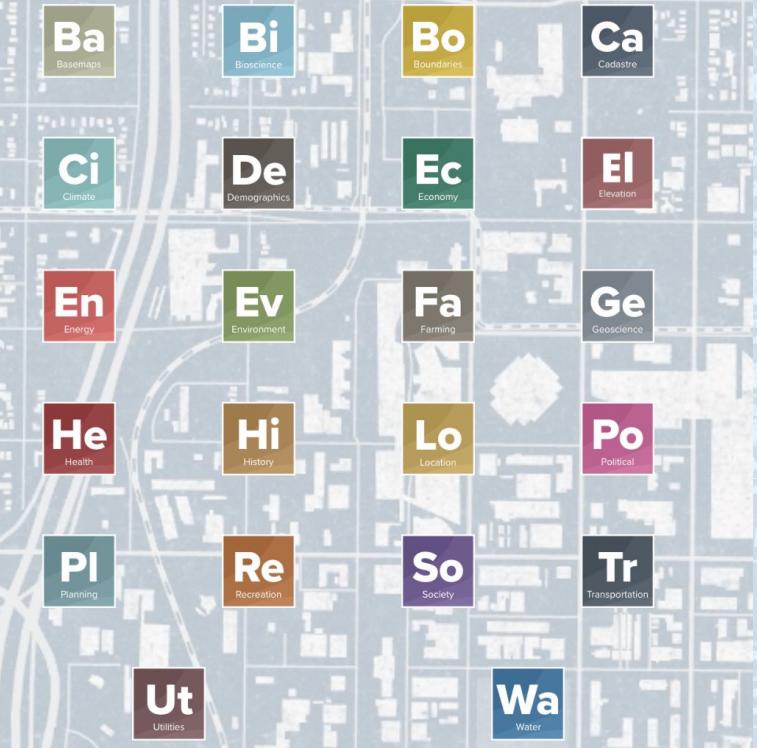
SGID

Find Utah Authoritative Data

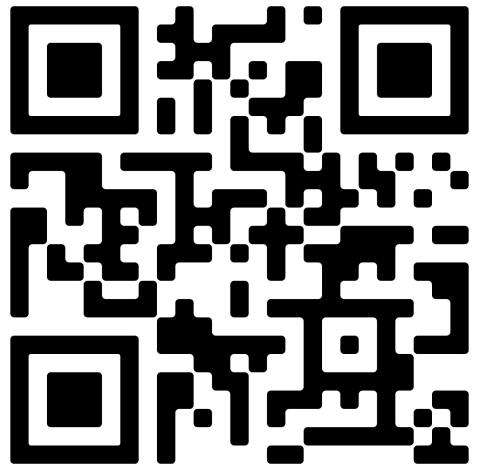
SGID - Connecting people with information

Q. What are you looking...

Explore the SGID through data categories



opendata.gis.utah.gov



atlas.utah.gov



SGID Authoritative

Atlas Utah

5.4.13

Data and services provided by [UGRC](#).

Click a location on the map for more information

Find Address

Street address

City or Zip code

[Find](#)

Find Point of Interest

place name ...



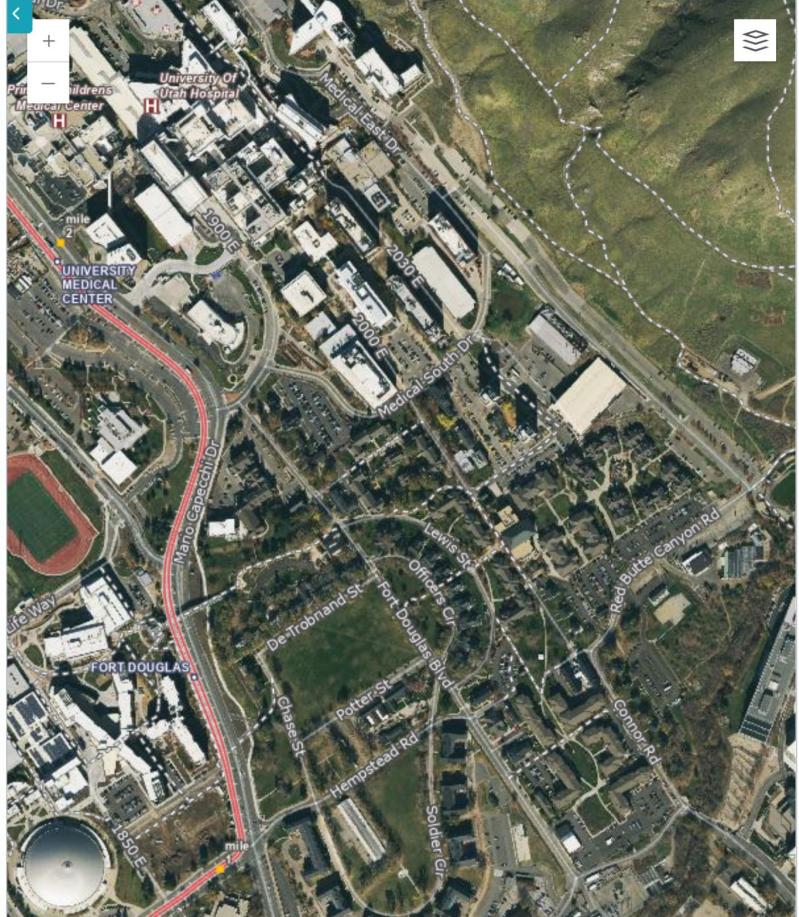
Find City

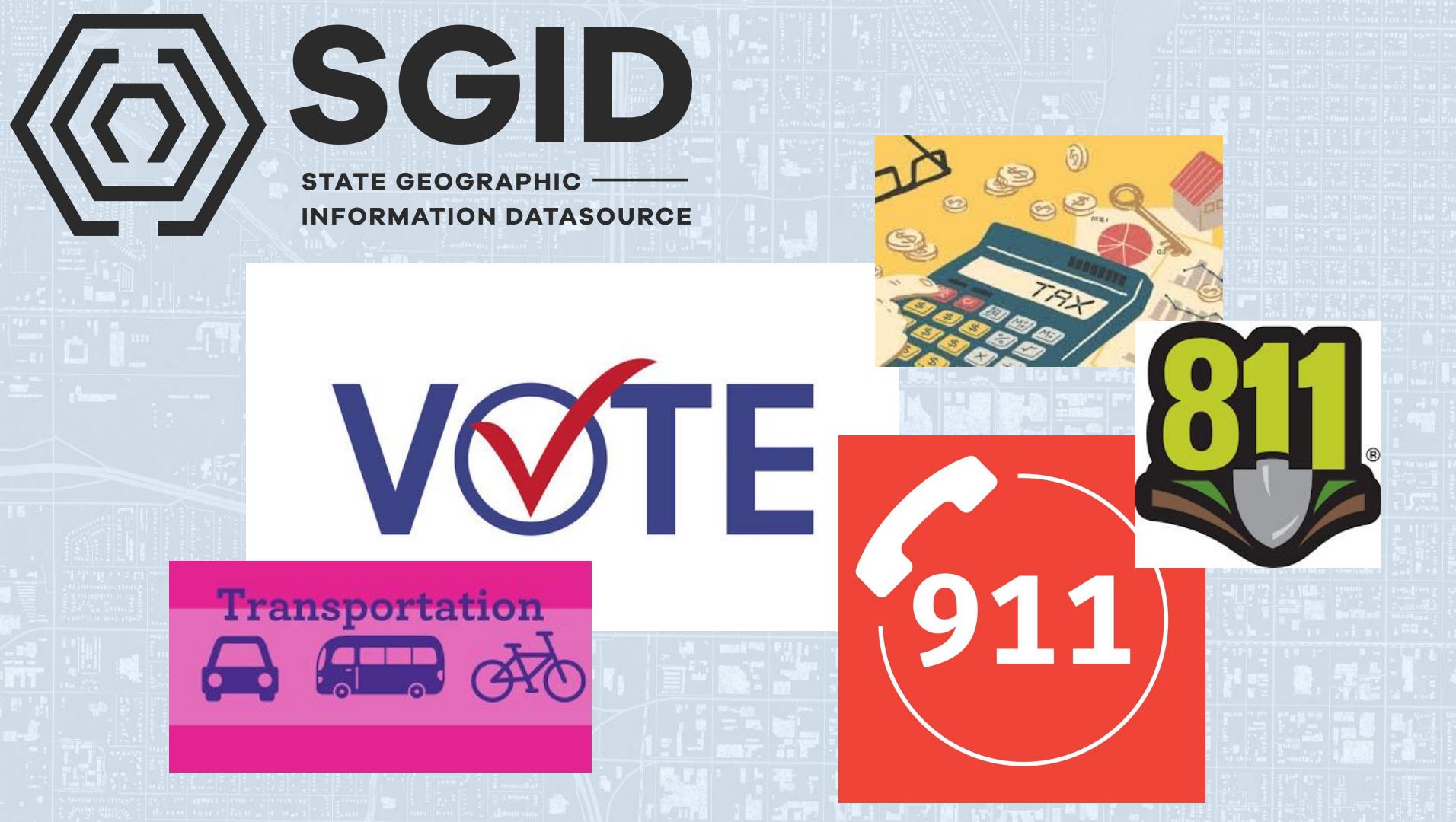
city name ...



[Export Map](#)

This web application is a [GitHub template](#) that you can use to create





SGID

STATE GEOGRAPHIC
INFORMATION DATASOURCE

VOTE

Transportation





SGID

STATE GEOGRAPHIC
INFORMATION DATASOURCE

Trailheads*

Trails

Campgrounds

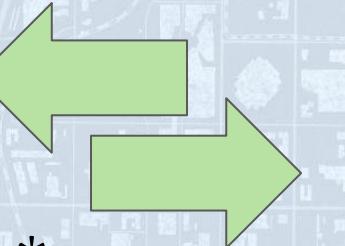
Boat Ramps

Ski Lifts

Commonplaces*

Parks

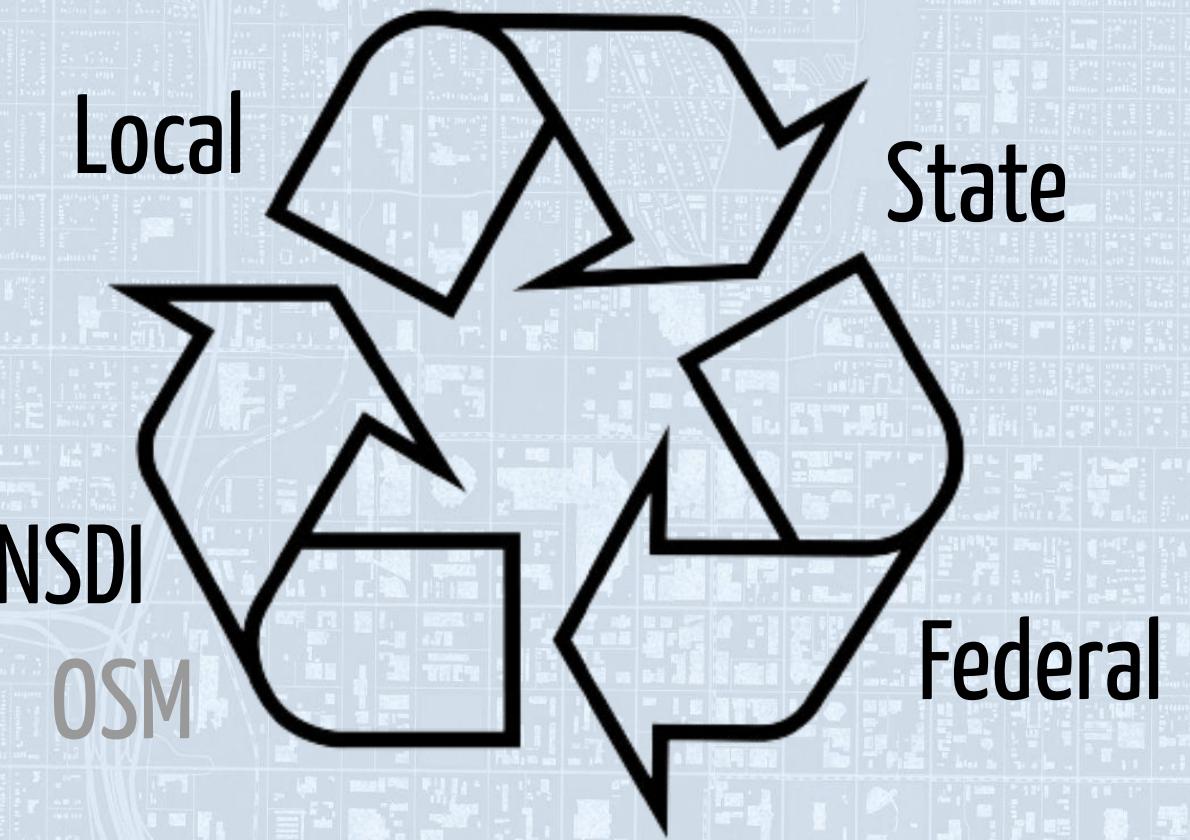
Golf Courses



Data
Flow



SGID
Authoritative



interconnected geospatial ecosystem



Enjoy the conference





Salt Lake City

green Loop

SPACE FOR PUBLIC ART
AND LOCAL ARTISTS

BUILT-IN BENCHES

ADDED SPACE FOR PATIO SEATING

50 TREES PER BLOCK

INCREASED BIKE FACILITIES

54 ACRES OF OPEN SPACE
ALONG THE GREEN LOOP

STORMWATER MANAGEMENT

1846

The Donner Party

Salt Lake and the Hastings Cut-off

