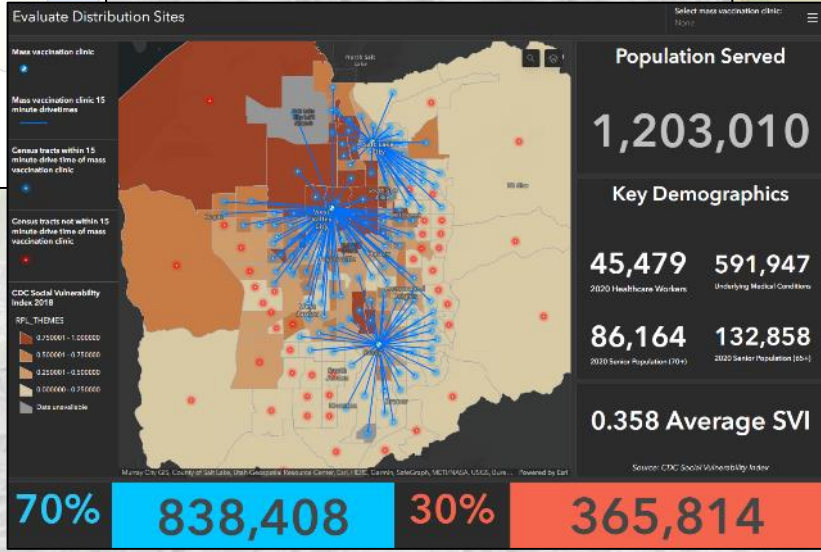
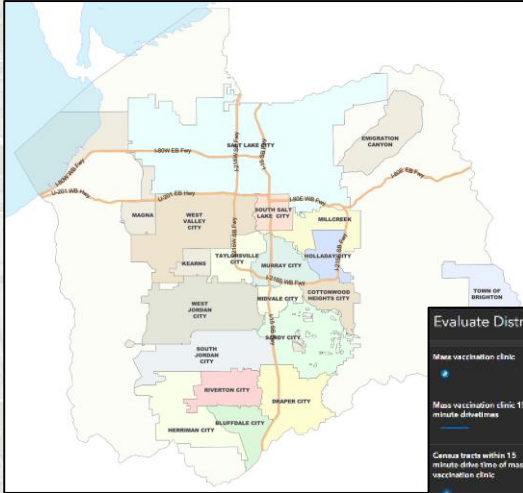


GIS Licensing Costs for 2024

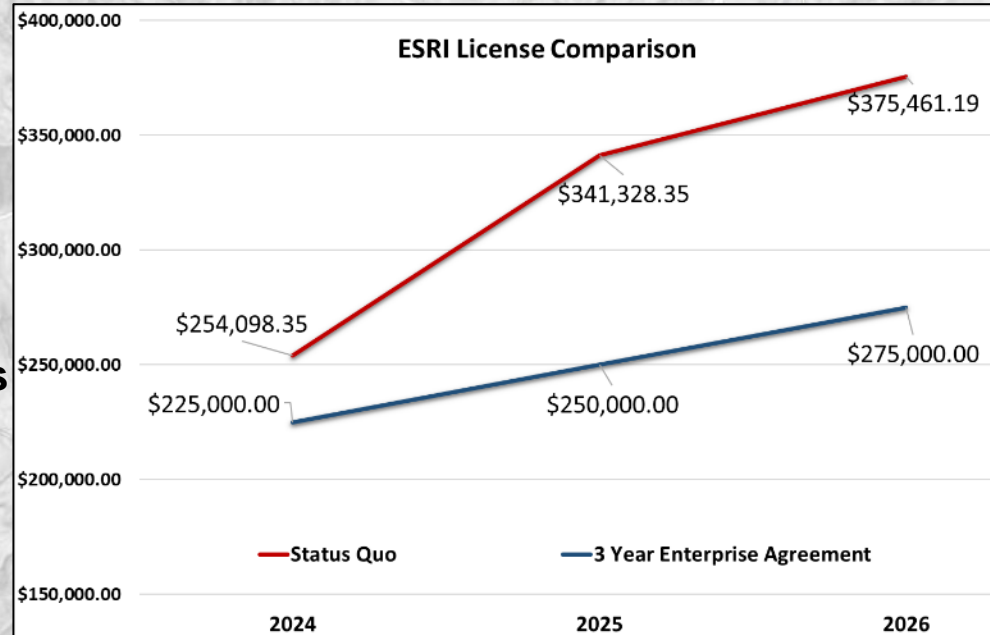
Council Presentation



GIS Steering Committee
17 October 2023

ESRI Licensing Executive Summary

- Salt Lake County has purchased ESRI GIS licenses since mid-1990s
- A prudent approach was taken with annual “a la carte” licenses that saved money across 3 decades via low, “grandfathered” prices
- Old price structure going away, status quo costs will surge in next few yrs
- Several factors have changed:
 - Increases in year-by-year license costs, demand, & usage
- GIS & TAB Steering Committees now recommend an Enterprise License Agreement (ELA)
 - Saves projected \$220K over 3 yrs
 - Controls costs increases
 - Stabilizes license availability



Overview

- GIS Background
- ESRI Software Licensing
- GIS Examples in Salt Lake County

Enterprise portal



Data



Maps



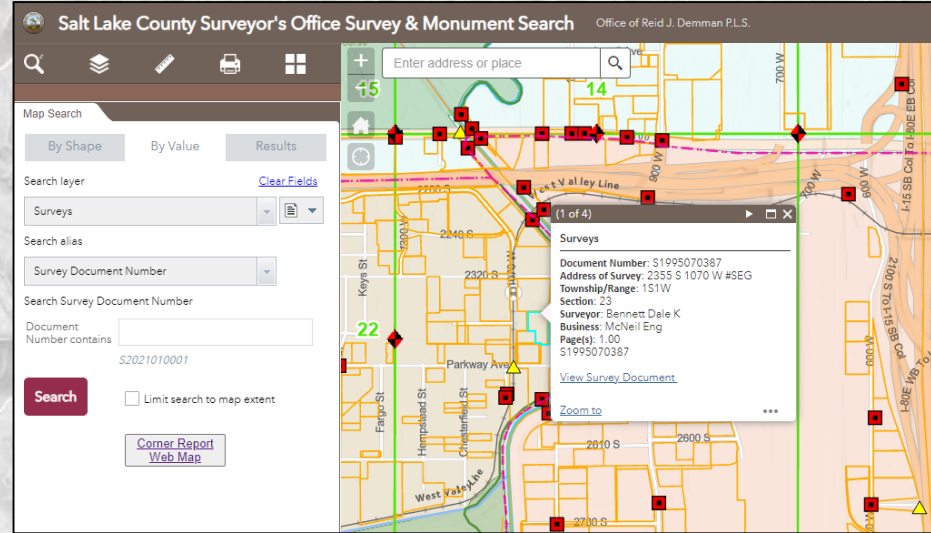
Apps



Devices



Sites



Salt Lake County Surveyor's Office Survey & Monument Search

Office of Reid J. Derman P.L.S.

Enter address or place

Map Search

By Shape By Value Results

Search layer: Surveys

Search aliases: Survey Document Number

Search Survey Document Number: S2021010001

Document Number contains:

Search

Limit search to map extent

[Corner Report](#)
[Web Map](#)

Document Number: S1995070387
Address of Survey: 2355 S 1070 W #SEG
Township/Range: 151W
Section: 23
Surveyor: Bennett Dale K
Business: McNeil Eng
Page(s): 1, 00
S1995070387

[View Survey Document](#)

[Zoom to](#)

Background

- The use of Geographic Information Systems (GIS) is pervasive in county government
- Salt Lake County sees numerous benefits in efficiency and data quality (many are still emerging)
 - Improved data quality and soundness
 - Increased transparency and data availability
 - Enhanced public engagement and interactivity
 - Streamlined workflows (inspections, permits, etc.)
- GIS datasets are used as a system of record
 - Parcels
 - Election precincts
 - Road Centerlines



Background

- Many county government functions rely upon GIS to operate
 - Tax Administration
 - Election Administration
 - Emergency Response
 - Administrative & Political Boundaries
- Data services feeding websites and applications often originate from GIS data and servers
- Entire GIS ecosystem built upon ESRI software
 - Desktop Software
 - Server Software
 - Cloud-hosted Services



Find a Parcel

Owner:

Address:

you'll get a dropdown selection based on what you type.

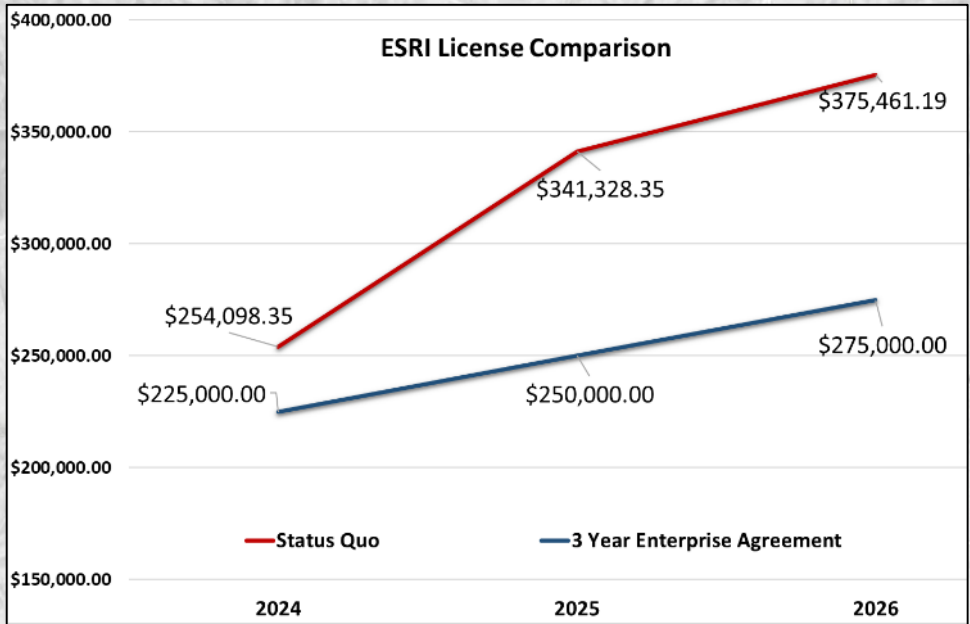
Or Parcel Number:

ESRI Licensing History

- Salt Lake County has been purchasing ESRI licenses for GIS products since the mid-1990s
- A prudent approach was taken with annual “a la carte” licenses that saved money across 3 decades
- Fortunate to maintain low, “grandfathered” prices in previous arrangement with minimal increases over a period of years
- Old price structure going away, costs will significantly increase in future
- Several factors have changed the landscape
 - Increasing GIS demand
 - Increasing GIS license usage
 - Increasing vendor costs for year-by-year licenses
- Convergence of factors has pushed us over a threshold, and now an Enterprise License Agreement (ELA) makes the most sense

ESRI Licensing Now

- Old price structure going away, costs will significantly increase in the future if we continue to follow status quo approach
- Enterprise License Agreement (ELA) now recommended to control cost increases and stabilize license availability compared to “a la carte” model
 - ELA provides large cost savings over status quo
 - \$220K in 3 years
 - More room for desktop license growth
 - Maintain online license availability, with buffer to grow
 - Meet increasing demand while saving money



GIS in Salt Lake County



- [Parcels and Tax Administration](#) (Assessor)

Assessor Parcel Viewer Web AppBuilder back to original Parcel Viewer

Address or 14 digit parcel ID

EagleView

04/29/2023 1 of 132 Select Date

Parcel Record 16161090280000

Owner SUGARHOUSE INVESTMENTS, LLC

Address 1480 S 1500 E

Total Acreage 0.12

Tax Class Id

Property Type 112

Tax District 13

% Exempt

Exempt Type

Municipal Zone R-1-5000

MLS Number 1248824

Valuation / Tax Year 2023

Land Value	\$ 176,800
Building Value	\$ 423,200
Final Value:	\$ 600,000

Legal Description:
E 72.45 FT OF LOTS 56, 57, & 58, BLK 5,
EMERSON HEIGHTS ADDITION, 4616-1321
4880-1065, 4562-1098, 4616-1321, 4880-1062
4880-1065, 5000-0095, 7350-1406, 1480-0000

Land

Structures

Value History

Zoom to Clear Selected

GIS in Salt Lake County



- Administering Elections (Clerk)

The screenshot shows a web application interface for finding representatives and districts. At the top, the title is "Representative and District Look-up". A search bar contains the address "1519 E EMERSON AVE". Below the search bar, it shows "Results:1".

COUNTY OFFICES

- [Salt Lake County](#)
- Mayor: [Jenny Wilson](#)
- Council At-Large: [Laurie Stringham](#)
- Council At-Large: [Suzanne Harrison](#)
- Council At-Large: [Jim Bradley](#)
- Council District 4: [Ann Granato](#)
- Assessor: [Chris Stavros](#)
- Auditor: [Chris Harding](#)
- Clerk: [Lannie Chapman](#)
- District Attorney: [Sim Gill](#)
- Recorder: [Rashelle Hobbs](#)
- Sheriff: [Rosie Rivera](#)
- Surveyor: [Reid J. Demman](#)
- Treasurer: [K. Wayne Cushing](#)

LOCAL BOARD OF EDUCATION

The map shows a grid of streets with a blue shaded area representing the district "SLC088". A purple pin is located at the search address. The map includes street names like Sherman Ave, Harrison Ave, Browning Ave, Roosevelt Ave, Emerson Ave, Kensington Ave, Logan Ave, and Bryan Ave. There are also green areas labeled "Wasatch Hollow Park". A scale bar at the bottom right indicates 500 feet.

GIS in Salt Lake County



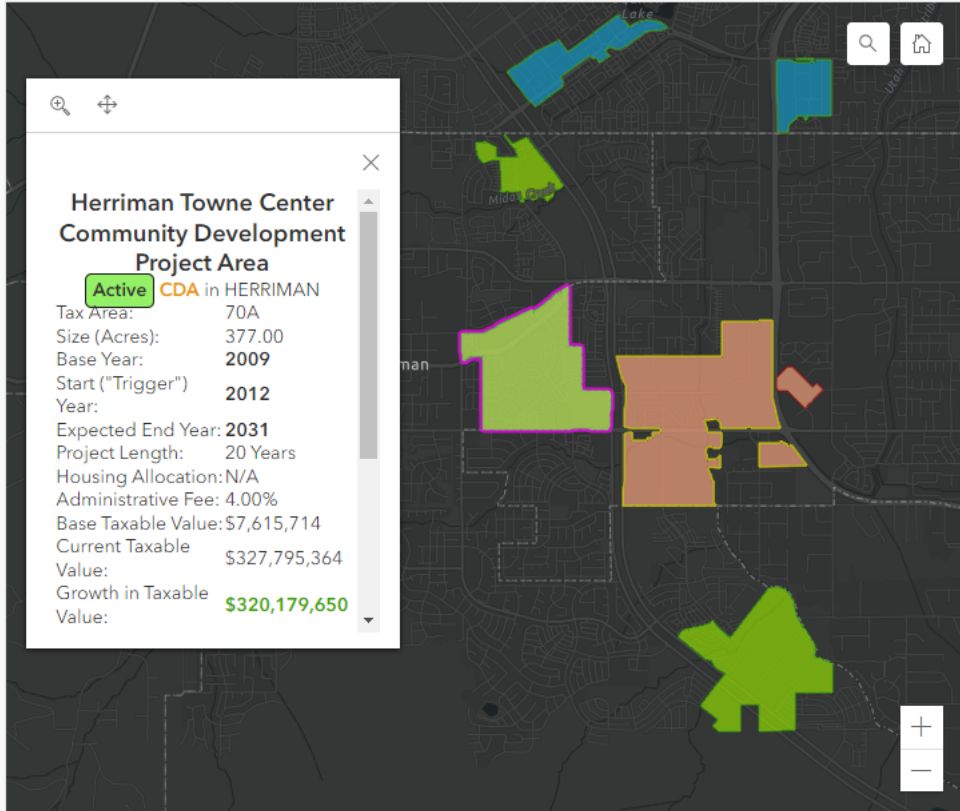
- Tracking Tax Increment Financing Projects (Auditor)**

Project Areas (117)

Pending: 13 Active: 80 Expired: 24

- Development Project Area
- SALT LAKE - CDA Active
- West Capitol Hill Redevelopment Project Area
- SALT LAKE - RDA Expired
- West Temple Gateway Neighborhood Development Project Area
- SANDY - CDA Active
- 11400 South Community Development Project Area
- SANDY - CDA Active
- 9400 South Community Development Project Area
- SANDY - RDA Active
- City Center Community Redevelopment Project Area
- SANDY - RDA Active
- Civic Center North Neighborhood Development Project Area
- SANDY - RDA Active
- Civic Center South Neighborhood Development Project Area
- SANDY - CDA Active
- Sandv TOD Community

[Project Areas List](#) [Definitions](#)



6 of 7

South Bangerter Redevelopment Project Area (The District)

Active RDA in SOUTH JORDAN

Tax Area:	38G
Size (Acres):	92.82
Base Year:	2003
Start ("Trigger") Year:	2006
Expected End Year:	2020
Project Length:	15 Years
Housing Allocation:	20%
Administrative Fee:	5.0%
Base Taxable Value:	\$5,545,010
Current Taxable Value:	\$185,852,376
Growth in Taxable Value:	\$180,307,366
Tax Increment Collected in 2019:	\$2,100,992
Total Tax Increment Collected:	\$23,227,126

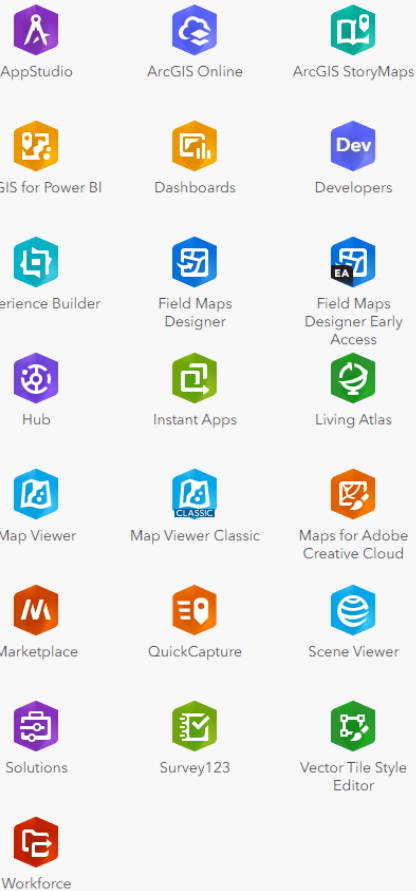
Documents
[Project Plan - Budget - Expenditures](#)
 Redevelopment Agency of South Jordan City

Sum of Projects Visible on the Map

Growth in Total Taxable Value
\$911,651,615

Total Tax Increment Collected
\$50,439,020

ESRI Product Suite



- **Desktop Software (ArcGIS Pro, ArcGIS Desktop)**
 - Map production, analysis, data editing
- **Server Software (ArcGIS Enterprise, Portal, Server)**
 - On-premise servers hosting web services
 - Ideal for internal, access-controlled datasets
 - Enterprise databases, applications, tools
- **Cloud-hosted Services (ArcGIS Online)**
 - Ideal for external, public-facing datasets
 - Group and user-level access controls
 - Numerous connected applications and tools

ESRI Product Suite



Experience Builder



Survey123

Monument No.	Monument Type	Street Address	Section	Township/Range
1	Monument	1000 S Main St	10	10N 01E 01E



Hub

Open Data

Explore the Data

- Boundaries
- Highways
- Property
- References
- Transportation

Parks and Recreation

Search by Name or Address




ArcGIS Pro



Instant Apps

Future Land Use (Draft)

Draft Vision (January 2022):

Residents benefit from thoughtful planning which guides the preservation of open spaces, sustainable land uses, and quality communities. Town and village centers create cohesive communities through connectivity to transportation systems, outdoor recreation, neighborhoods, food



ArcGIS StoryMaps

Salt Lake County Assets & Agency Services

ESRI Is The Industry Standard



- **ESRI completely dominates the GIS software market, particularly the public sector and government space**
 - **No other alternatives exist that provide the same level of desktop software, analysis tools, server software, and online platform with application-building tools**
- **Over 25-30 years the county has used ESRI products and built a tremendous amount of capability with them**
- **SL County has now grown to rely on that software for essentially all of our GIS-related systems and workflows**

Final Words

- **Processes in Salt Lake county improve and become more efficient and transparent as GIS is utilized**
- **Demand has increased over many years and areas of growth and improvement remain to be capitalized**
- **ESRI software licenses, services, and applications provide the foundation upon which all county GIS is built**
 - **Breadth of available tools enable numerous applications, maps, and analysis projects**
- **GIS & TAB Steering Committees now recommend an ELA as the best option to meet demand, predict costs, save money, and deliver greater value for the county and citizens**

ESRI License Usage



- [SLCo License Dashboard](#)

