El Dorado County Surveyor's Office

Mission & Goals for 2021-2022 Budget Year

Phil Mosbacher, County Surveyor

Jose Crummett, GIS Manager

Survey Department Programs

Land Survey Program

1. Check and process maps and documents submitted by Professional Land Surveyors

2. Provide property ownership information

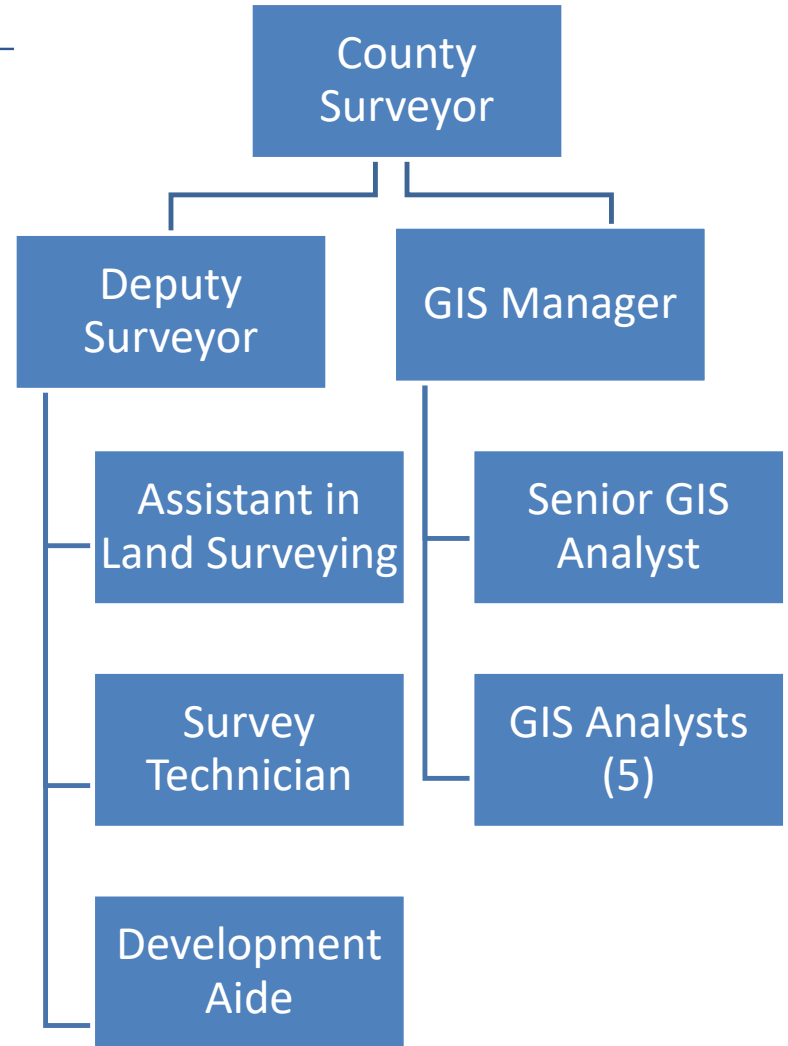## Geographic Information System Program

1. Maintain countywide GIS data, map layers, and web applications.

2. Deliver GIS services to County and external clients.

Department & Support Staff

- Land Survey Program
  5 FTE

- Geographic Information
 Systems Program
  7 FTE

- *CAO Financial Admin
  Staff*

County
Surveyor

Deputy
Surveyor

GIS Manager

Assistant in
Land Surveying

Senior GIS
Analyst

Survey
Technician

GIS Analysts
(5)

Development
Aide

Land Survey Program Responsibilities

Review all projects submitted

- Parcel Maps

- Subdivision Maps

- Records of Survey & Corner Records

- Lot Line Adjustments

- Certificates of Compliance

- Street Naming and Parcel Addressing
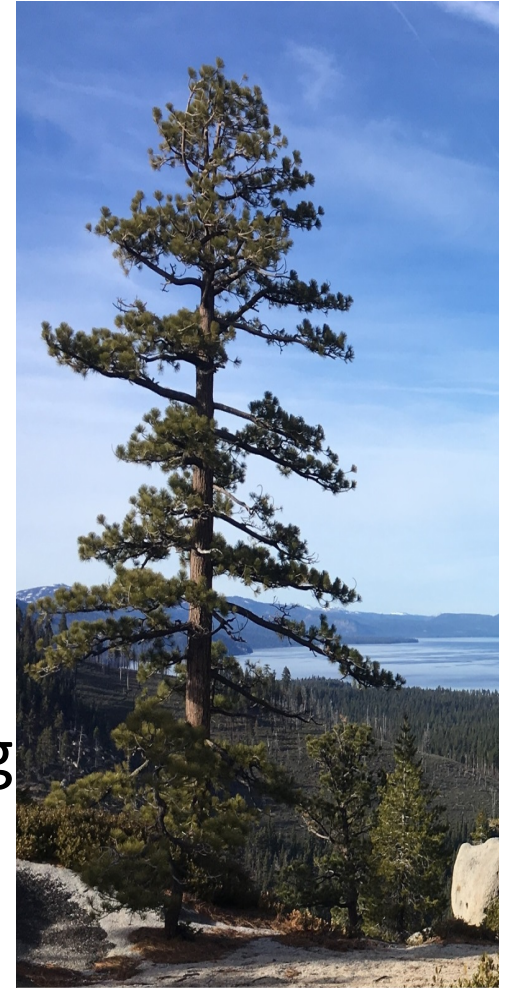
Land Survey Program Responsibilities

- Provide property ownership information

- Process Abandonment of Public Easements and Irrevocable Offers of Dedication

- Provide expertise and assistance to County Departments and outside agencies

County Surveyor Office Clients

General Public

- Professional Land Surveyors
- Civil Engineers
- Professional & Private Developers
- *270+ monthly public counter contacts*

County Land Use Departments

- Planning
- Building
- Facilities
- Transportation
- Agriculture
- Environmental Management

County Surveyor Office Clients

Government Departments

- Board of Supervisors
- County Counsel
- Recorder
- Assessor
- CAO
- IT

Public Safety Departments

- District Attorney
- Public Defender
- Sheriff
- Fire

County Surveyor Authority Defined by Law

1. CA Government Codes
2. CA Code of Regulations: Board of Professional Engineers, Land Surveyors and Geologists
3. CA Business and Professions Code
4. CA Public Resources Code
5. CA Code of Civil Procedure
6. CA Penal Code
7. El Dorado County Code

FY 2021-2022 Land Survey Program Goals

- Increase efficiencies using revised research tools and project management software.

- Update the County Base map imagery.

- Create a graphical record map research database.

- Complete Supervisorial redistricting using the results of 2020 national census.
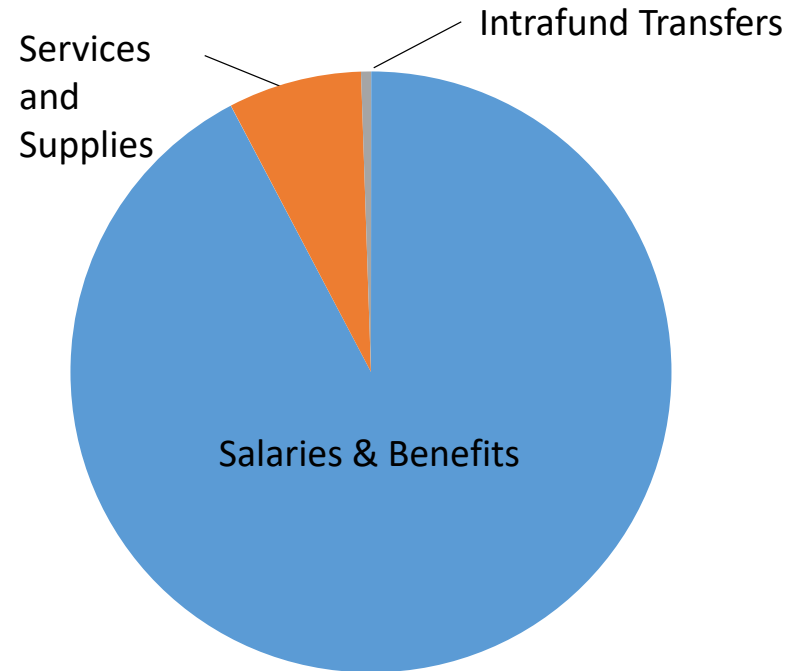
Surveyor Department Budget: 2020-2021

Net cost to County

- Estimated $1,604,355

- 3.7% increase from 2019-2020 budget

Permits

Review Submittals

Intrafund Abatement

General Fund
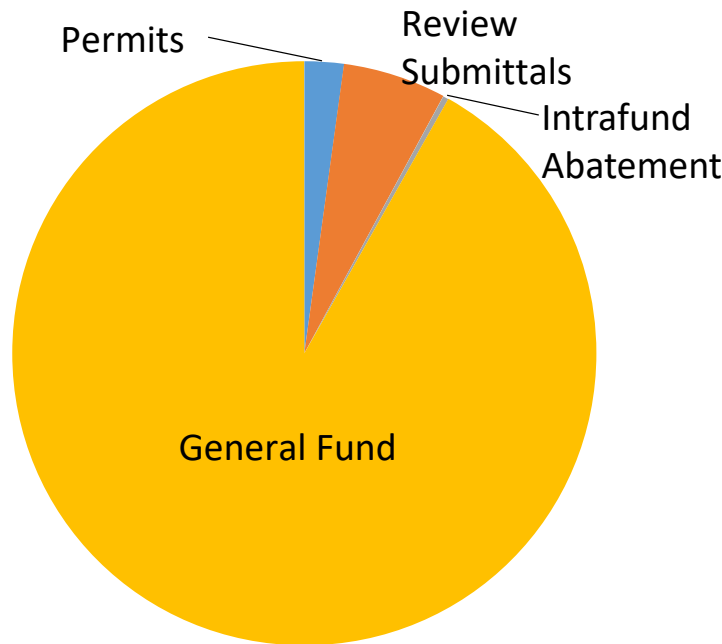
2020-2021 CAO Recommended Funding

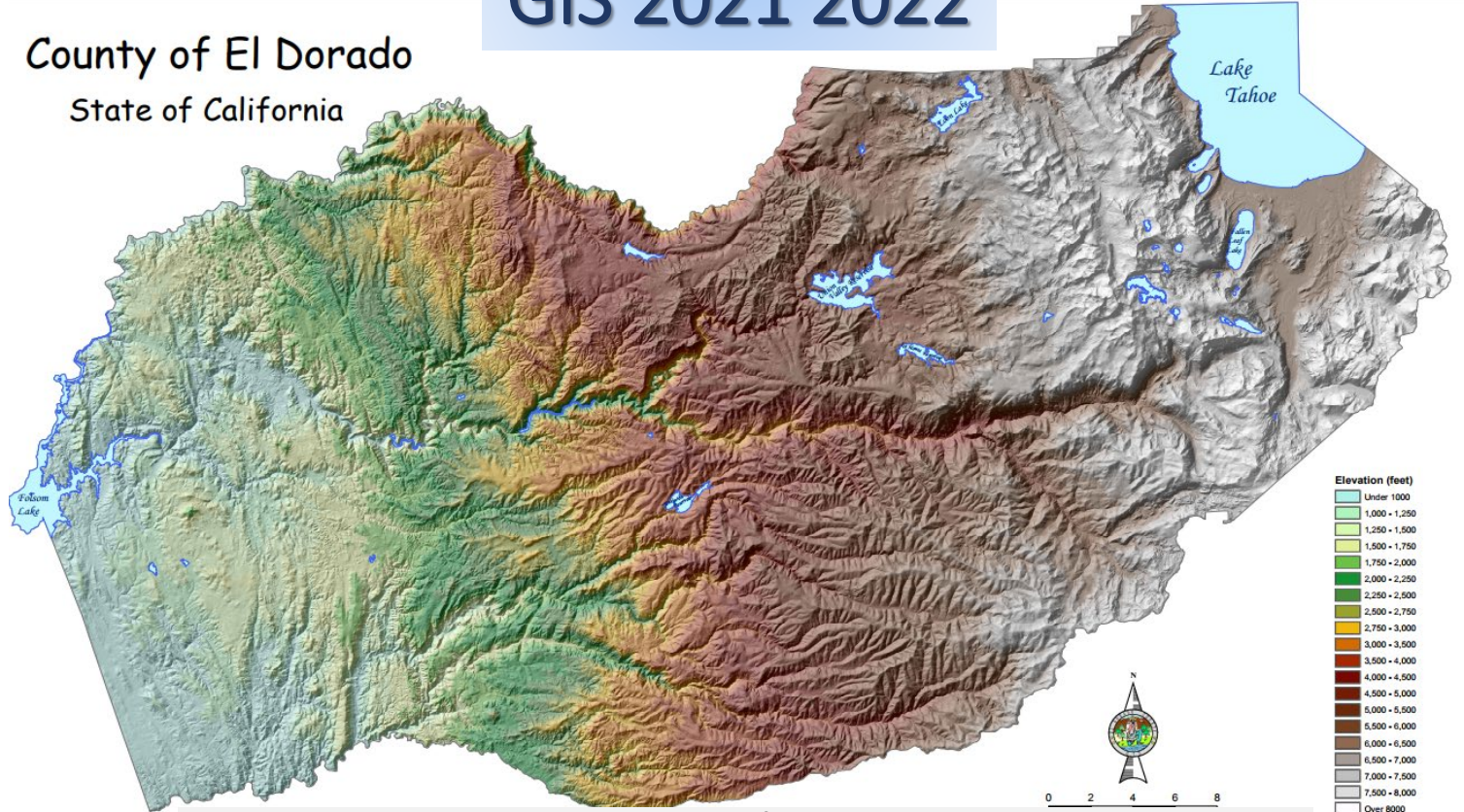Services and Supplies

Intrafund Transfers

Salaries & Benefits

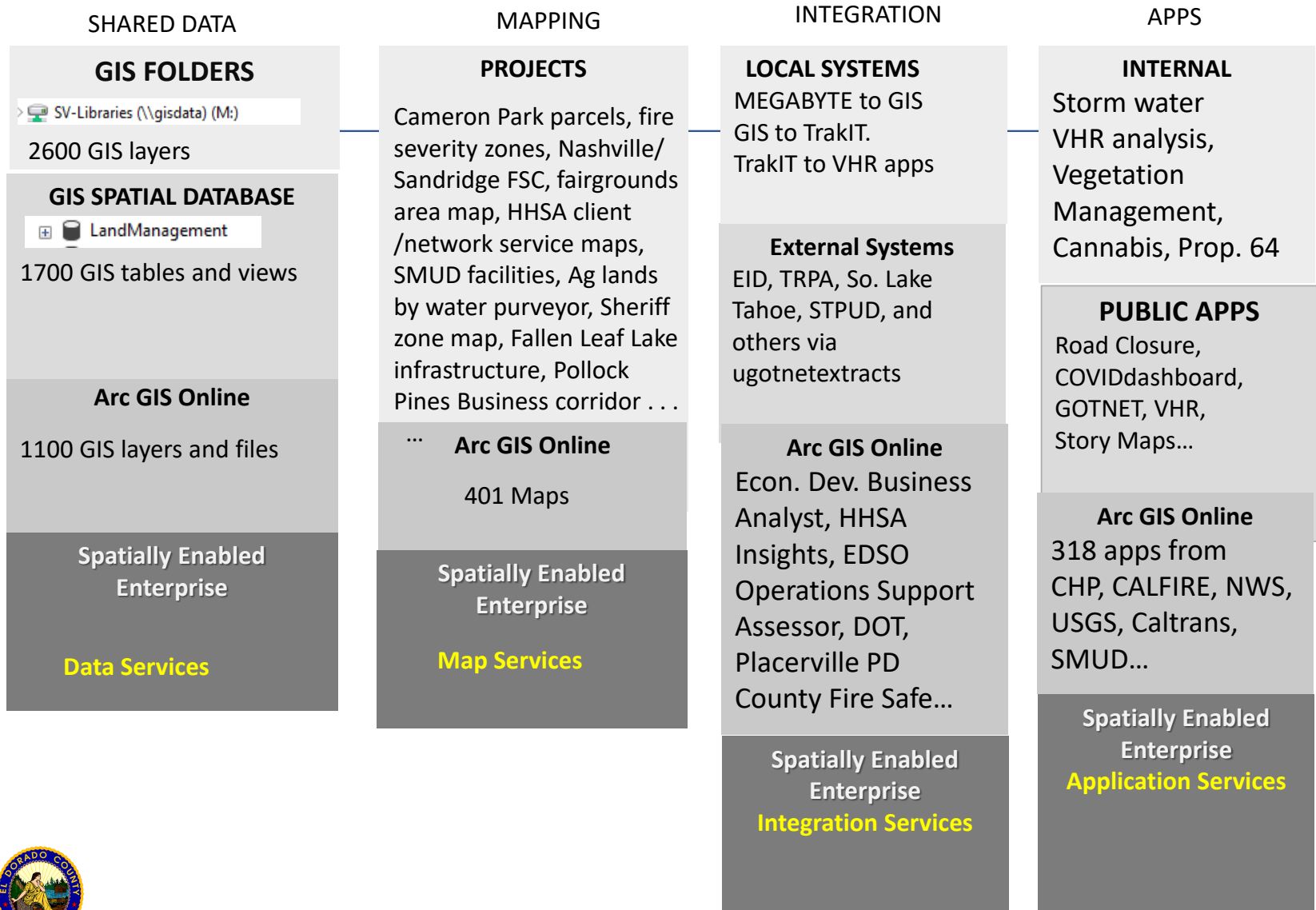**2020-2021 CAO Recommended Expenses**

County of El Dorado
State of California

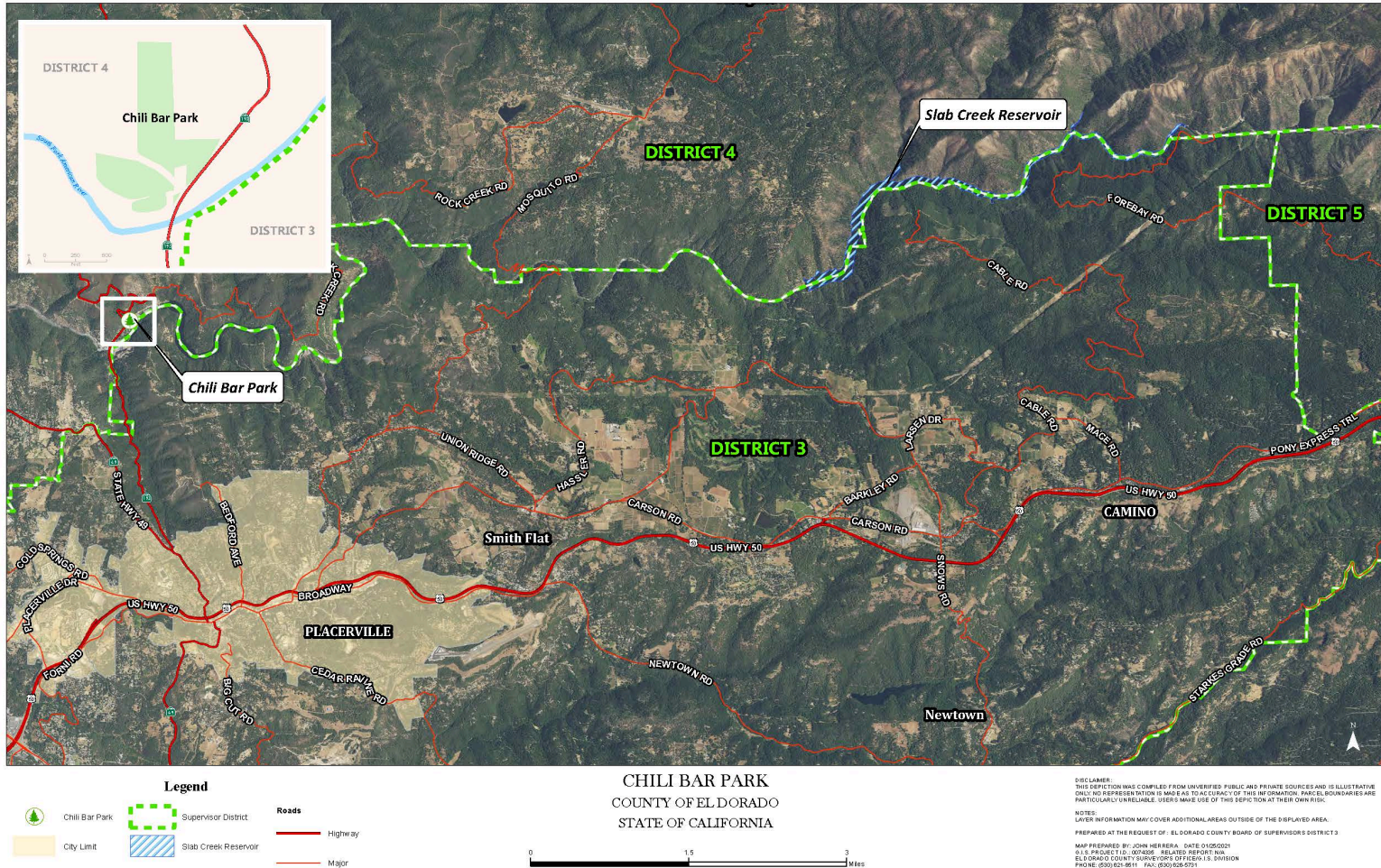**Goal:**

Consolidate and simplify access to GIS resources

GIS Support: PRODUCTS AND SERVICES – Today.

SHARED DATA

GIS FOLDERS

> 🖥 SV-Libraries (\\gisdata) (M:)

2600 GIS layers

GIS SPATIAL DATABASE

⊞ 🛢 LandManagement

1700 GIS tables and views

Arc GIS Online

1100 GIS layers and files

Spatially Enabled Enterprise

Data Services

MAPPING

PROJECTS

Cameron Park parcels, fire severity zones, Nashville/ Sandridge FSC, fairgrounds area map, HHSA client /network service maps, SMUD facilities, Ag lands by water purveyor, Sheriff zone map, Fallen Leaf Lake infrastructure, Pollock Pines Business corridor . . .

··· **Arc GIS Online**

401 Maps

Spatially Enabled Enterprise

Map Services

INTEGRATION

LOCAL SYSTEMS
MEGABYTE to GIS
GIS to TrakIT.
TrakIT to VHR apps

External Systems
EID, TRPA, So. Lake Tahoe, STPUD, and others via ugotnetextracts

Arc GIS Online
Econ. Dev. Business Analyst, HHSA Insights, EDSO Operations Support Assessor, DOT, Placerville PD County Fire Safe…

Spatially Enabled Enterprise
Integration Services

APPS

INTERNAL
Storm water
VHR analysis, Vegetation Management, Cannabis, Prop. 64

PUBLIC APPS
Road Closure, COVIDdashboard, GOTNET, VHR, Story Maps…

Arc GIS Online
318 apps from CHP, CALFIRE, NWS, USGS, Caltrans, SMUD…

Spatially Enabled Enterprise
Application Services

Shared Data and Mapping

CHILI BAR PARK
COUNTY OF EL DORADO
STATE OF CALIFORNIA

Parcels and derivatives, roads, waterways, imagery,
District boundaries, place names, city boundaries.

New Requests :
Vegetation Management Tahoe Basin, Storm Water dashboard, El Dorado Water Agency Hub Site, River Management , Parks and Trails Hub Site Support, COVID data update application and public dashboard , New Aerials, Hazard Mitigation Grant Program Prop 64, Next Gen. 911, Census 2020, Redistricting, Evacuation Planning, New Emergency Prep Apps, Election Address Updates, TrakIT integration and many more.

Involve multiple County departments
AND/OR
Involve multiple external agencies
AND/OR
The Public

SEE EL DORADO

Parcel Research Application

https://see-eldorado.edcgov.us/redistrict2020_alt01/

Re-District

GOTNET - *County of El Dorado, State of California*

2020 Census Re-districting
Alternative 1

Census Track Blocks

Currennt District

Alternative !
    Proposed
    1
    2
    3
    4
    5

Roseville

Citrus
Heights
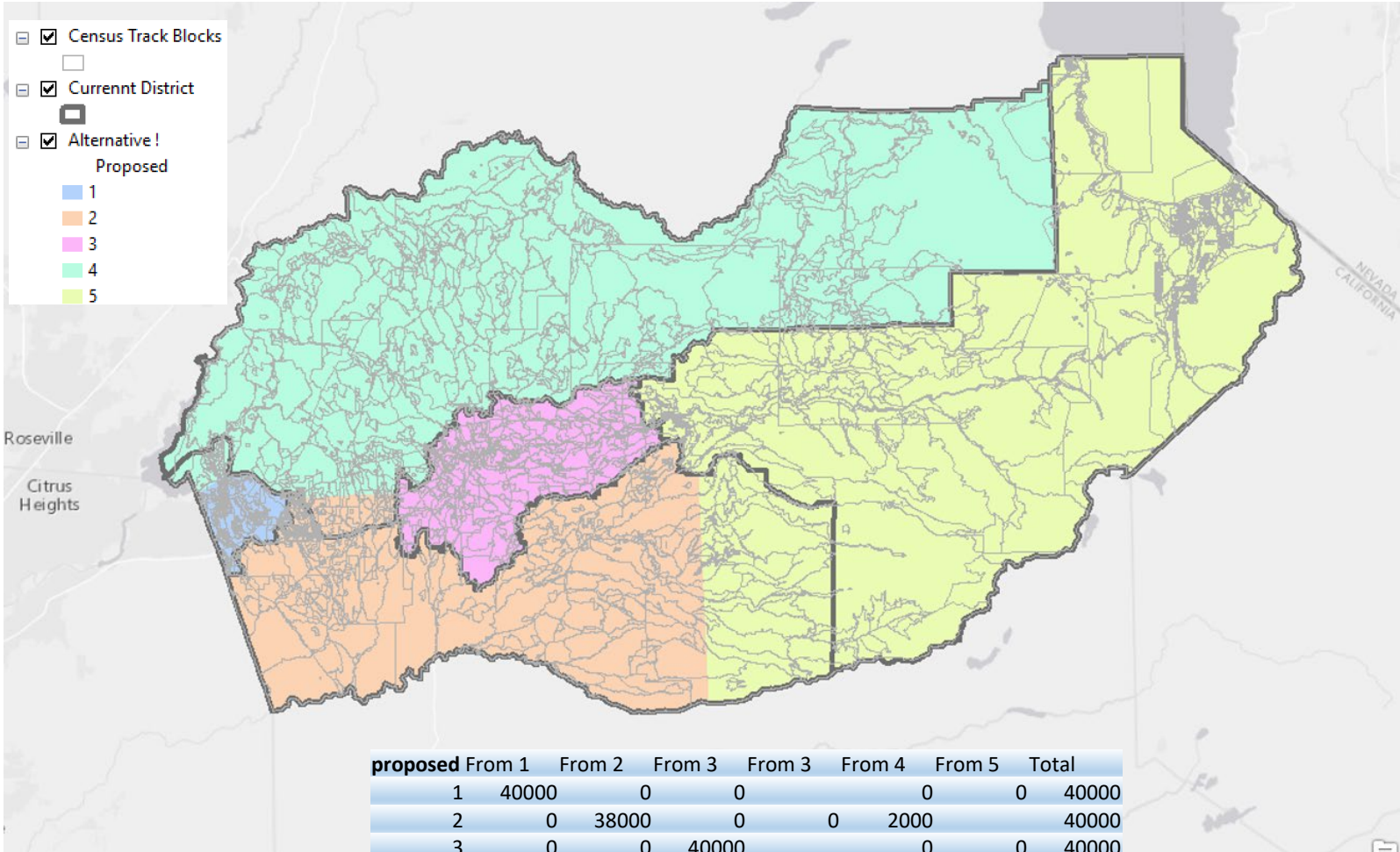
proposed	From 1	From 2	From 3	From 3	From 4	From 5	Total
1	40000	0	0		0	0	40000
2	0	38000	0	0	2000		40000
3	0	0	40000		0	0	40000
4	4000	0	0	0	36000	0	40000
5	0	4000	0	0	0	36000	40000
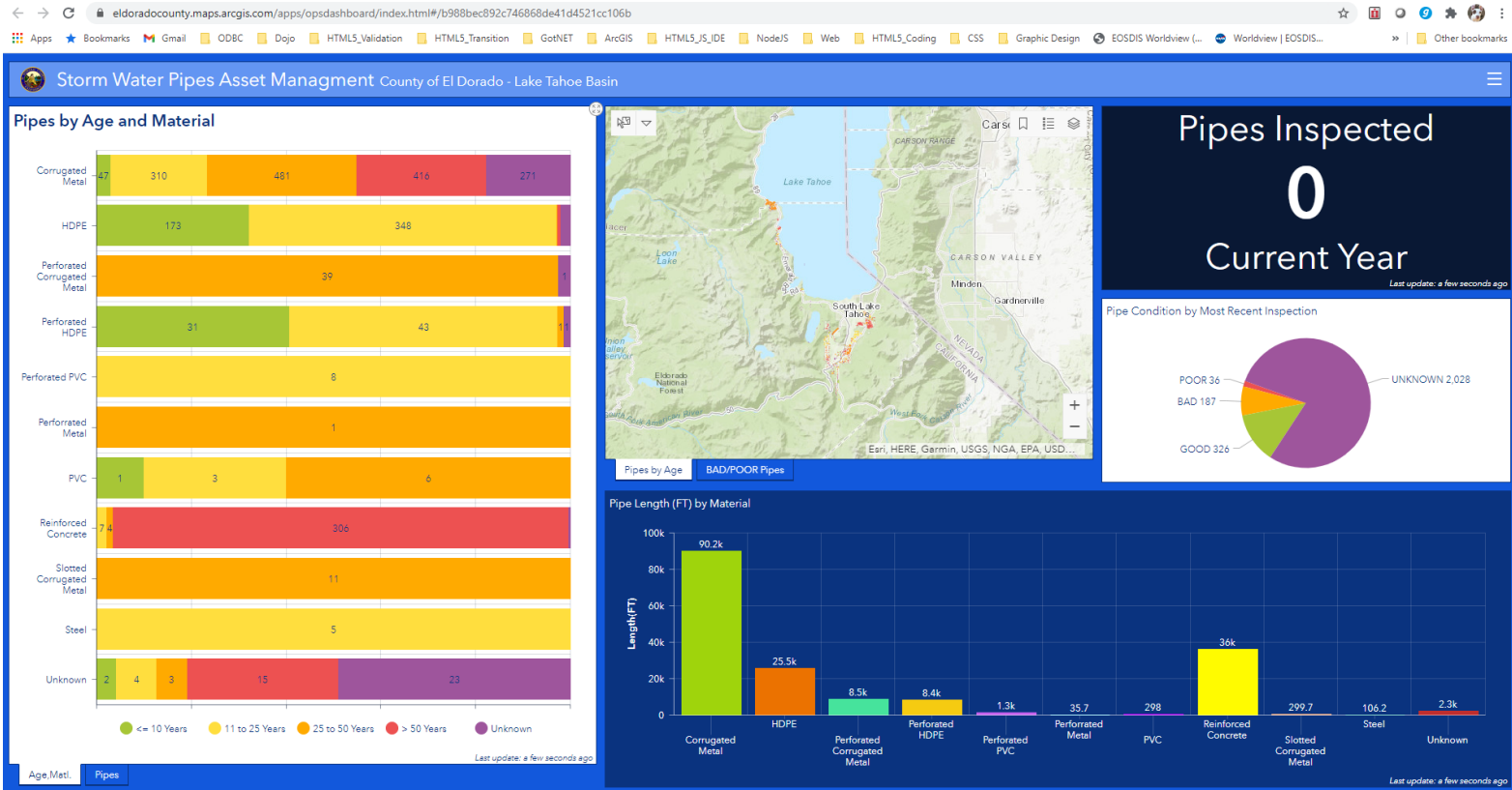
Cannabis
COVID
VHRs in the Tahoe
Redistricting
River Use
Vegetation Management

SEE EL DORADO

Economic Development:
- Business Analyst app integration. Maintenance, accessibility, and distribution of quality and timely land use data. Update Business Park Story Maps.

Good Governance:
- Integration services for Megabyte, GIS, and TrakIT. Enterprise-wide GIS support

Healthy Communities:
- Homeless Outreach app support, maps of HHSA services for client/provider access, COVID support, Cannabis. Continue COVID support, client training.

Infrastructure:
- Parks, Trails, and Tree Mortality. Maintain GIS roads, TIM zones, TAZ, and Basin Storm Water app. Hazard Mitigation Grant Funding, El Dorado Water Agency Hub

Public Safety:
- Road Closure, Homeless applications. Maps for grant funding for fire and fuel reduction. Maps/reports for Fire district consolidation. County-wide Vegetation Management, Hazard Mitigation Grant Funding, Fire Safe Council mapping and support.

El Dorado County Surveyor's Office

Questions?