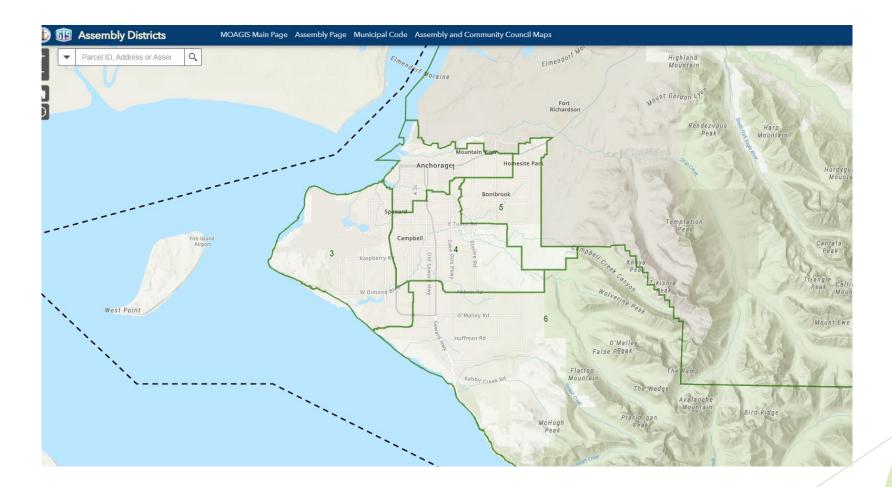# Processsing the Anchorage Voter List in Preparation for an Election
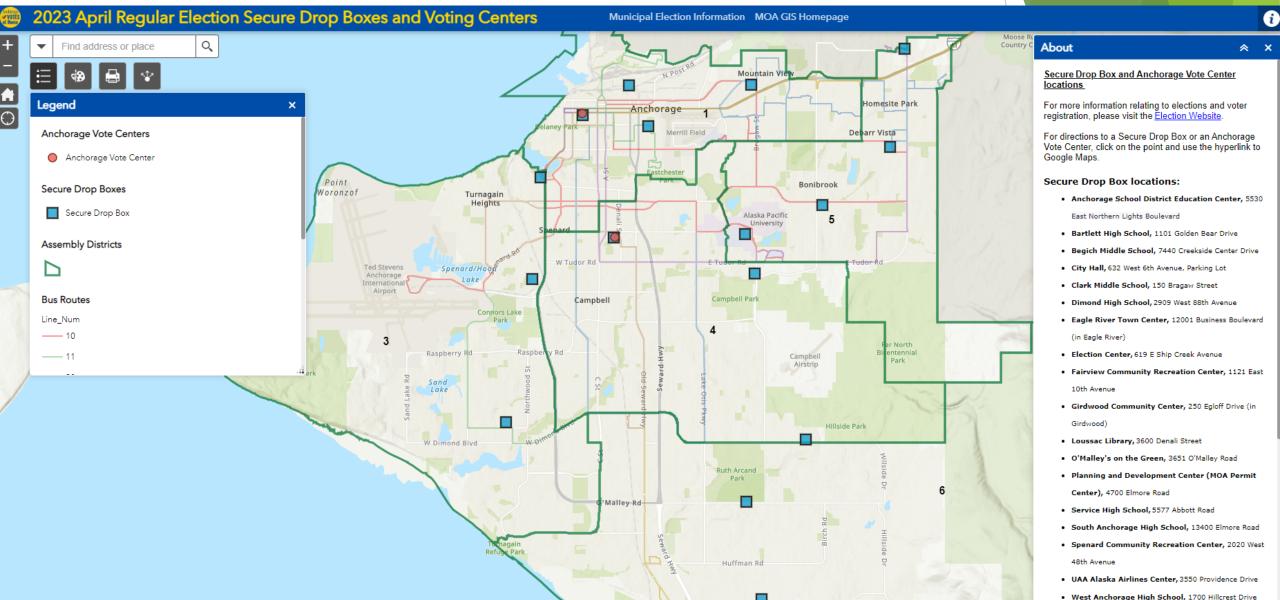
What is GIS?

o Geographical Information System

o Is a system that creates, manages, analyzes, and maps all types of data.

o "GIS helps users understand patterns, relationships, with geographic context."- ESRI (Environmental Systems Research Institute)
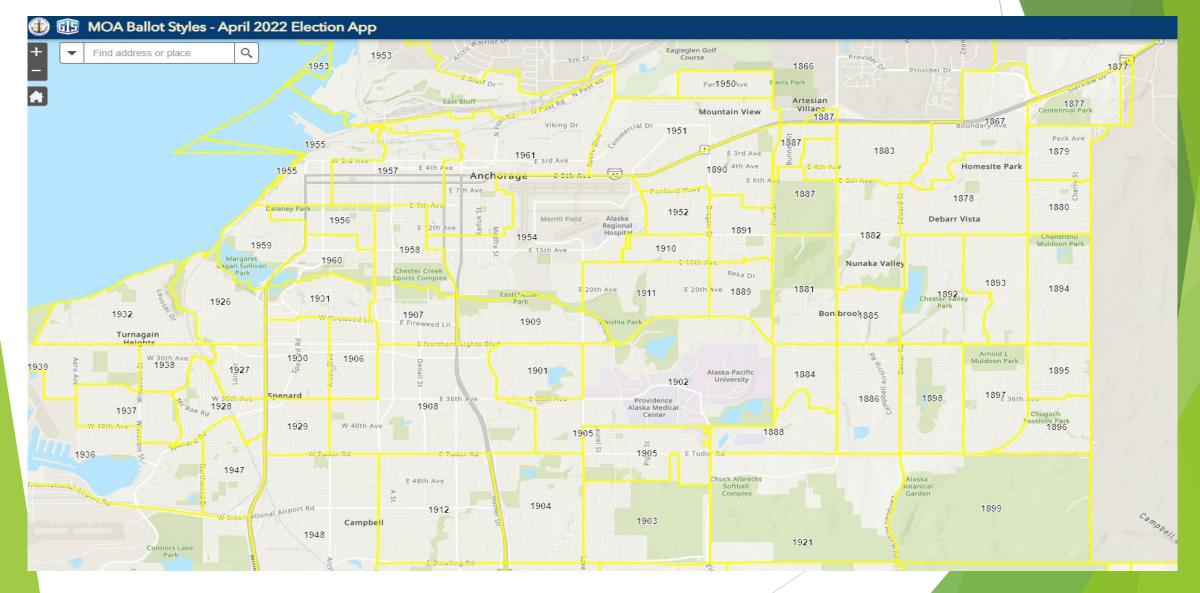
How it helps our voters and communities

How it helps our voters and communities

Sample ballot map

Election GIS Process

▶ Every ballot is given a ballot "style". These styles are determined by your residence address and service areas.

> ▶ It dictates what voters vote on- such as Assembly candidates or specific propositions.

> ▶ Each area in the Muni is separated by boundary lines, and they can be specific depending on what services are provided in that area. LRSA's are a great example!

▶ We currently have almost 200 ballot styles!

No. 1847 PCT: 125

REGULAR ELECTION
MUNICIPALITY OF ANCHORAGE
APRIL 5, 2022 - OFFICIAL BALLOT

Barbara A. Jones
Barbara A. Jones
Municipal Clerk

TO VOTE: COMPLETELY FILL IN THE OVAL BESIDE THE SELECTION OF YOUR CHOICE AS SHOWN: ⬤
Use only black or blue pen. **If you make an error on your selection**, make a strikethrough across the oval and name or answer indicating your intent NOT to vote for that candidate or proposition. Do not sign or initial any changes. See Voter Instructions for additional details.

ASSEMBLY DISTRICT 6 - SEAT J
(Vote for not more than one)

○ COLBRY, Darin

○ WEDDLETON, John

○ SULTE, Randy

○ Write-in

SCHOOL BOARD SEAT A
(Vote for not more than one)

○ MURRAY, Cliff

○ LORING, Dan

○ BELLAMY, Margo

○ COX, Mark Anthony

○ Write-in

SCHOOL BOARD SEAT B
(Vote for not more than one)

○ LESSENS, Kelly

○ BALDWIN, Benjamin R.

○ DARDEN, Dustin

○ RIES, Rachel

○ Write-in

RABBIT CREEK VIEW AND RABBIT CREEK HEIGHTS LRSA - SEAT C
(Vote for not more than one)

○ PEXTON, Scott R.

○ Qualified Write-in

PROPOSITION NO. 1
CAPITAL IMPROVEMENTS FOR THE ANCHORAGE SCHOOL DISTRICT BONDS

For the purpose of providing educational capital improvements, construction, upgrades, design, planning, and renovation of school facilities and educational facility building life extension projects within Anchorage, as provided in AO 2021-118, shall Anchorage borrow money and issue up to $111,090,000 in principal amount of general obligation bonds?

The general obligation bond proceeds will be used to pay costs of constructing, renovating, installing, designing, planning, acquiring and equipping educational capital improvement projects including, but not limited to, construction of a replacement school for Inlet View Elementary School, roof replacements and structural/seismic upgrades at Campbell, Chinook, Chugiak, College Gate, Ursa Minor, Kasuun, Kincaid, Lake Hood, Muldoon, Northern Lights, Russian Jack, Trailside and Tyson Elementary Schools and the Maintenance Building, construction of security vestibules and security improvements at College Gate, Chugach Optional, Birchwood, Bowman, Fire Lake, Government Hill, Kincaid, Northwood, Ocean View, Spring Hill, Trailside and Ursa Minor Elementary Schools, construction of building life extension projects at Lake Otis Elementary School, safety improvements at East High School, exterior site improvements to Kincaid Elementary School, boiler replacement at Birchwood Elementary School, and planning and design projects for 2024 deferred capital requirement projects.

Voter approval of this bond proposition authorizes for each $100,000 of assessed taxable property value (based on the estimated 2022 assessed valuation) an annual increase in taxes of approximately $24.73 to retire the proposed bonds.

The debt shall be paid from real and personal property taxes levied and collected areawide within the Municipality of Anchorage. The Municipality will also pledge its full faith and credit for payment of the bonds. (AO 2021-118)

○ YES   ○ NO

PROPOSITION NO. 2
AREAWIDE FACILITIES CAPITAL IMPROVEMENT PROJECT BONDS

For the purpose of providing areawide facilities capital improvements within the Municipality of Anchorage, including to the Fleet Maintenance Shop, said improvements involving building safety rehabilitation and upgrades, facility renovations, code improvement projects and fire alarm

PROPOSITION NO. 9
APPROVING ANNEXATION OF RABBIT CREEK VIEW AND HEIGHTS SUBDIVISION BLOCK 5V LOTS 4A, 5A, AND 6A TO THE BEAR VALLEY LIMITED ROAD SERVICE AREA (LRSA) AND AMENDING THE BEAR VALLEY LRSA BOUNDARIES IN ANCHORAGE MUNICIPAL CODE SECTION 27.30.700, EFFECTIVE RETROACTIVE TO JANUARY 1, 2022.

The three affected Rabbit Creek View and Heights Subdivision Block 5V parcels only road access is directly onto King's Way Drive maintained and within the Bear Valley LRSA. The affected properties are seeking de-annexation from the Rabbit Creek View and Heights LRSA since they have no direct access to any roads within the road service area. Both ballot propositions will have to be approved separately by qualified voters of each LRSA for the annexation to take effect.

The existing mill rate in the Bear Valley LRSA is 1.50 mills. If this proposition is approved, property owners of Lot 4A, 5A, and 6A in Rabbit Creek View and Heights Subdivision Block 5V, will incur an increase in property taxes beginning with the tax year 2022. The increase of annual tax revenues resulting from the proposed property annexation would be approximately $1,500 and will not have a material fiscal impact on the Bear Valley LRSA financial integrity.

Shall the Bear Valley LRSA boundaries be amended by annexing Rabbit Creek View and Heights Subdivision Block 5V, Lot 4A, 5A, and 6A to the Bear Valley LRSA and amending Anchorage Municipal Code section 27.30.700, effective retroactive to January 1, 2022? (AO 2022-7)

○ YES   ○ NO

How do we assign ballot styles?

▶ The State of Alaska Division of Elections provides a voter list of all registered voters in the MOA.

▶ MOA GIS has datasets of all address points in the MOA.

▶ We use GIS processes to match voter addresses in the State Voter Registration file, against the MOA address points. We call this process "GeoCoding".

  ▶ If there are any "unmatched" voters, we manually look each one up to see if we are able to correct the address so that the voter can continue along the GIS process.

    ▶ It's usually a typo, or transposition of house numbers.

GeoCoding

GeoCoding & Ballot Style Polygons

▶ Once we run our GeoCoding process, and have done our best to address the "unmatched" voters. It's time to assign ballot styles.

▶ MOA GIS creates "ballot style polygons", that contain datasets specific to each ballot style.

▶ We run another process that looks at the geocoded address points, and assigns that address point a ballot style. It also generates a file that will become our election database/system.

  ▶ This is why it's VITAL that we resolve as many unmatched address points as we can.

  ▶ Any unmatched address point gets assigned a "-1" ballot style, and those voters won't be mailed a ballot.

    ▶ Voters can still vote by voting in person at an Anchorage Vote Center, or by calling our Voter Hotline and requesting a replacement ballot be sent to them. They can also vote by email or fax.

  ▶ It's during this step of the process that any voters who will not be 18 by election day are automatically removed, and will not be loaded to the election database.

Ballot Style Polygons

Number of Voters by Ballot

2022-03-11

Count:162   Sum:235907

BALLOT_STYLE	VOTER_COUNT
-1	63
1800	1649
1801	438
1802	38
1803	21
1804	1021
1805	1798
1806	885
1807	50
1808	194
1809	317
1810	78
1811	3
1812	1452
1814	190
1815	1959
1816	1780
1817	2060
1818	2027
1819	2039
1820	1886
1822	3036
1823	2598
1824	468
1825	262
1826	1943
1827	2124
1828	1063
1829	2384
1830	289
1831	498
1832	1445
1833	1106
1834	95
1835	65
1836	678

Number of Voters by Precinct

2022-03-11

Count:122   Sum:235907

DP	VOTER_COUNT
12-225	2057
12-230	2765
12-233	1649
13-235	1391
13-240	2372
13-245	4460
13-250	3074
13-255	1699
13-260	361
14-940	2306
14-945	1356
14-950	1989
14-955	1085
14-960	2847
14-965	4254
14-970	2612
15-300	2904
15-305	2574
15-310	2053
15-315	2016
15-320	2716
16-325	1525
16-330	2655
16-335	2722
16-340	1441
16-345	1463
16-350	3089
16-355	1996
17-400	1421
17-405	1068
17-410	1569
17-415	1760
17-420	3664
17-425	2058
17-430	1487
18-435	949

Loading to Mail Sorter System

▶ We load the database file created during the ballot style assignment into our Fluence/BlueCrest election system.

▶ This is the system that we use for mail sorting, signature verification, entering temporary addresses, requesting replacement ballots, and curing challenged ballots.

▶ THIS IS THE LIVE ELECTION!

The Mailer File

▶ Once the file is loaded to the system, we create a "mailer file" for our printing vendor that contains the list of voters eligible to be mailed a ballot package.

▶ Pursuant to **Municipal Code Section** AMC 28.40.020.C.:

   ▶ "The municipal clerk is not required to mail ballots to any voter that does not have a valid residence address, or is in the condition of purge notice (PN), undeliverable (UN), list maintenance (LM), or list maintenance undeliverable (LU), as described in AS 15.07.130."

   ▶ Voters with these condition codes are excluded from the mailer file, and are not provided to our printing vendor.

      ▶ These voters can obtain a ballot by voting in person at an Anchorage Vote Center or by calling our Voter Hotline and requesting a replacement ballot be sent to them. They can also vote by email or fax.

Changes in Voter Registration

- We typically receive three different voter registration files from the State of Alaska.
  - We receive the first file in February, to give us plenty of time to start the process and give us time to provide the main mailer file to our printing vendor.
  - We receive the 2nd voter file from the State a few days after the voter registration deadline.
  - We receive a 3rd voter file from the State, typically the Friday after the voter registration deadline.

In Summary….

For every State Voter Registration File, we:

1. Match MOA GIS address points with voter addresses provided by the State

2. Assign each address point a ballot style and generate the database file

3. Import database file into Blue Crest Election System

4. Create Mailer File of voters eligible to be mailed a ballot package

   1. Voters with condition codes UN, LM, PN, LU are **not** provided to printing vendor.

Questions?