Citizen Based Review of the Nov 3, 2020 Election and Recount for Cherokee County, GA

Troy Horton

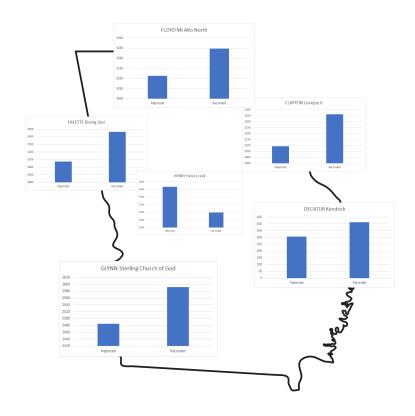
seeforyourself.us@gmail.com

Twitter: <a>@See4Yourself_us

Analysis Website: http://seeforyourself.us:8080

Analysis Reports: http://seeforyourself.us:8080/reports

Findings are far reaching in County Precincts Across Georgia Big Counties, Small Counties, Red Counties, Blue Counties - all affected



Data Sources

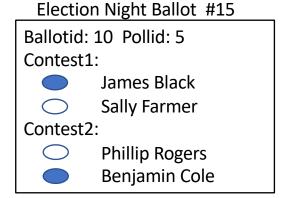
- Cherokee County Open Records Request for Original Count Ballot Images
- Cherokee County Open Records Request for Recount Ballot Images
- Cherokee County Original Count SoVC
- Cherokee County Recount SoVC
- SoS Voter File (2020 post election and 2021)
- SoS Absentee File (2020 post election)
- SoS Voter History File (2020 post election)

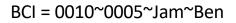
Definitions

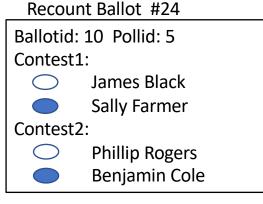
- MC1 Machine Count 1 (Original Count Ballot, certified all down ballot races) (11/2-11/24)
- RLA Risk Limiting Audit, hand count and partial audit (not official count)
- SoVC Statement of Votes Cast from the County
- MC2 Machine Count 2 (Recount)
- Stray Ballots that are different between MC1 and MC2
- BMD Computer printout of election choices from Election Day or In-Person Advanced voting. In Person Advanced is considered Absentee.
- Scanned Ballots that go through the scanner to become ballot images
- Counted Ballots that go through the scanner and are included in SoVC

Ballot Content Index

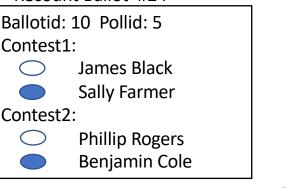
 It is Important to understand this concept to have a real understanding of a key component of the analysis.



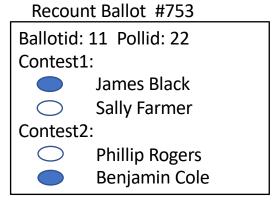




BCI = 0010~0005~Sal~Ben







BCI = 0011~0022~Jam~Ben

The BCI is a textual representation of graphical ballot image data. Which allows for finding duplicates, changed ballots, added ballots, omitted ballots between or within ballot image populations furnished by the county.

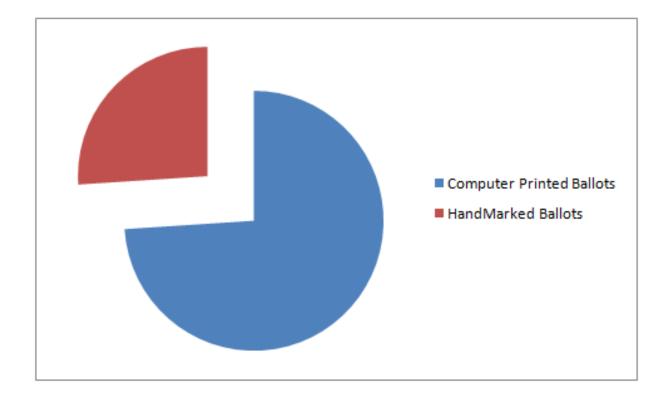
Findings Summary

- Ballots double scanned and counted in Original Count
- Ballot Images Added or Omitted between Original Count and Recount
- Ballots that have no corresponding record of having been cast by a voter
- Scanners Tabulate Votes Inconsistently
- 75% of ballot images are un-reviewable but can become transparent with a simple fix

Limited Scope of Citizen Review - 25% of Ballots

Computer Printed Ballots (BMDs) are un-auditable using ballot images.

Therefore, the scope of this review is predominantly limited to Hand-marked ballots which account for roughly 25% of the ballots cast in the 11/3/2020 election.



More Ballots Counted than Voters Voting

County Wide Ballot Findings

	BMD	Handmarked
Ballot Images	107681	37883
Voters Voted		
Election Day In Person (Numbered List of Voters)	31082	
Advanced In Person (Absentee File)	76243	
Absentee by Mail (Absentee File)		37510
Absentee Electronic (Absentee File)		322
Discrepancy	356 (Extra Ballot Images)	51 (Extra Ballot Images)

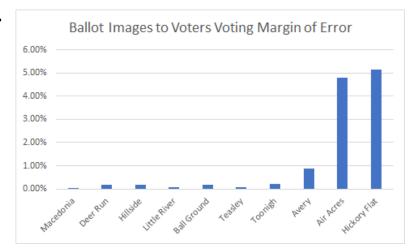
407 Extra Ballot Images County Wide

Main Precincts with More Ballots Counted than Voters Voting

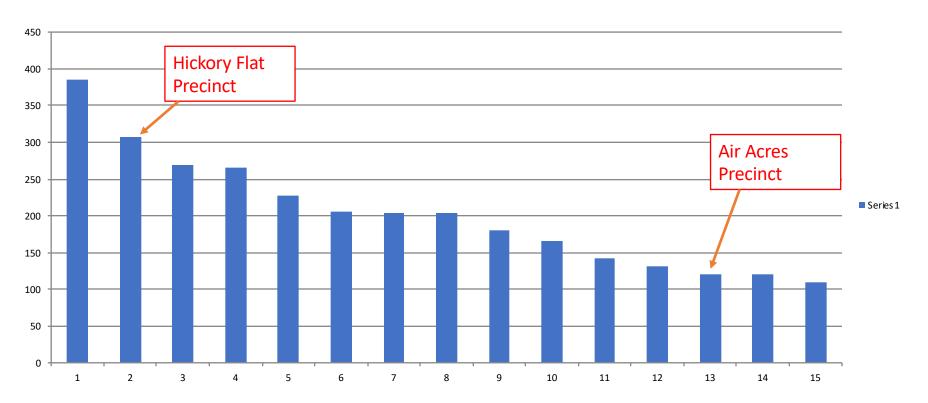
- Hickory Flat +317 (~5%)
- Air Acres +118 (~5%)
- Total for county
 - 407 more Ballot Images than Voters but... some precincts have fewer ballot images than voters the county total is fewer than these 2 precincts

Locality of the discrepancy is important. It indicates a particular vs a systemic problem.

There are 435 more ballots counted than voters voting in 2 precincts



Top 15 Precincts Statewide with Largest Ballot Count Deviation from Voters Voting



317 Ballots with No Voters – Hickory Flat

Original Statement of Votes Cast Provided by Cherokee Elections Office

Precinct	Registered Voters	Cards Cast	Voters Cast	% Turnout
Hickory Flat				
Election Day	7,334	981	981	13.38%
Advanced Voting	7,334	3,474	3,474	47.37%
Absentee by Mail	7,334	1,489	1,489	20.30%
Provisional	7,334	2	2	0.03%
Total	7,334	5,946	5,946	81.07%

Recount Statement of Votes Cast Provided by Cherokee Elections Office

Precinct	Registered Voters	Cards Cast	Voters Cast	% Turnout
Hickory Flat				
Election Day	7,334	981	981	13.38%
Advanced Voting	7,334	3,474	3,474	47.37%
Absentee by Mail	7,334	1,489	1,489	20.30%
Provisional	7,334	2	2	0.03%
Total	7,334	5,946	5,946	81.07%

Cherokee Numbered List of Voters Provided from PollPad by Cherokee Elections Office

028 - Cherokee County		Numbered List Report	General E	lection - November 3, 2020
13051. H/	07	(028) HICKORY FLAT ELEMENTARY SCHOOL (CHEROK	11/3/2020 6:48 PM	028-019
13052. W	07	(028) HICKORY FLAT ELEMENTARY SCHOOL (CHEROK	11/3/2020 6:50 PM	028-019
13053. ZA	10	(028) HICKORY FLAT ELEMENTARY SCHOOL (CHEROK	11/3/2020 6:53 PM	028-019
13054. BF	06	(028) HICKORY FLAT ELEMENTARY SCHOOL (CHEROK	11/3/2020 6:55 PM	028-019
Subtotal Precinct - 028-019				664

**NOTE: 981 ED BMD Ballot Images provided by County

118 Ballots with No Voters – Air Acres

Original Statement of Votes Cast Provided by Cherokee Elections Office

Precinct	Registered Voters	Cards Cast	Voters Cast	% Turnout
Air Acres				
Election Day	3,050	575	575	18.85%
Advanced Voting	3,050	1,132	1,132	37.11%
Absentee by Mail	3,050	812	812	26.62%
Provisional	3,050	2	2	0.07%
Total	3,050	2,521	2,521	82.66%

Recount Statement of Votes Cast Provided by Cherokee Elections Office

Precinct	Registered Voters	Cards Cast	Voters Cast	% Turnout
Air Acres				
Election Day	3,050	575	575	18.85%
Advanced Voting	3,050	1,132	1,132	37.11%
Absentee by Mail	3,050	811	811	26.59%
Provisional	3,050	2	2	0.07%
Total	3,050	2,520	2,520	82.62%

Provided from SoS Website

CountyID 28: Cherokee PrecinctID 1: Air Acres



Absentee Voter File 2020/11/03

688 Mailed + 6 Electronic 694 Hand-marked Ballots

Double Scanned Ballots

----and their subsequent replacement

Double Scanned vs Double Counted

- Scanned Ballots that go through the scanner to become ballot images
- Counted Ballots that go through the scanner and are included in SoVC

50 Double Counted Ballots in Original Count SoVC

- Arnold Mill 1 DupeScan
- Woodstock 49 DupeScan

Minimum of 50 Duplicates Counted in the Original SoVC

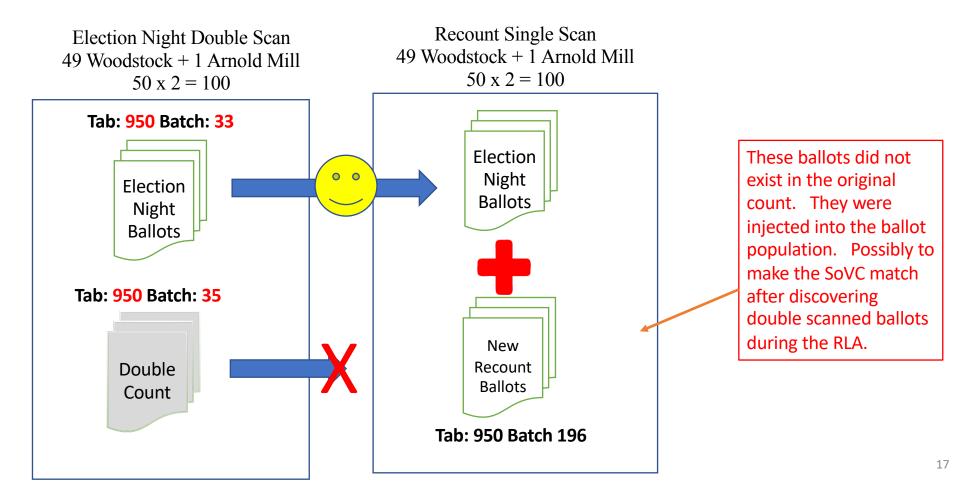
Dupe Analysis only possible on 25% of the Ballots

DISCOVERED DUPLICATES WERE REMOVED BETWEEN THE ORIGINAL COUNT AND THE RECOUNT, BUT...

- STATE RACES AFFECTED
- COUNTY RACES AFFECTED
- LOCAL RACES AFFECTED
- AMENDMENTS AFFECTED
- ..

Election Night Results Required the Double Scanned Ballots to count in order to Reconcile.

Double Counted Ballot Replacement in Recount



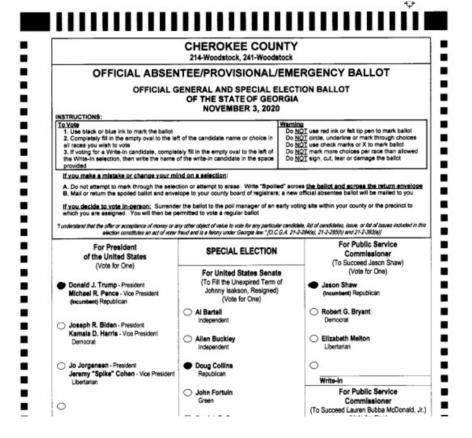
Double Scanned and Counted Ballot Example:

ORIGINAL COUNT (MC1) IMAGE

Tab: 950 Batch: 33 Ballot: 10

ORIGINAL COUNT (MC1) IMAGE

Tab:955 Batch: 35 Ballot: 10



	214-Woodstock, 241-Wood	
OFFICIAL ABSEN	TEE/PROVISIONAL	EMERGENCY BALLOT
OFFICIAL G	ENERAL AND SPECIAL E OF THE STATE OF GEO NOVEMBER 3, 202	RGIA
To Vide 1. Use black or blue ink to mark the ballot 2. Completely fill in the empty oval to the left all races you wish to vote 3. If voting for a Write-in candidate, complet the Write-in selection, then write the name of	ely fill in the empty oval to the left of	Warning Do NOT use red ink or felt tip pen to mark ballot Do NOT circle, underline or mark through choices Do NOT use check marks or X to mark ballot Do NOT mark more choices per race than allowed Do NOT sign, cut, tear or damage the ballot
If you make a mistake or change your mis	nd on a selection:	
which you are assigned. You will then be pe Yunderstand that the offer or ecosptence of money or a section constitutes an act of voter i	ny other object of value to vote for any particu	far candidate, list of candidates, issue, or list of issues included in
For President	SPECIAL ELECTION	G.A. 21-2-284(e), 21-2-285(h) and 21-2-383(e)) For Public Service
For President of the United States (Vote for One)	SPECIAL ELECTION	For Public Service Commissioner (To Succeed Jason Shaw)
of the United States (Vote for One)	SPECIAL ELECTION For United States Sena	For Public Service Commissioner (To Succeed Jason Shaw) (Vote for One)
of the United States	SPECIAL ELECTION	For Public Service Commissioner (To Succeed Jason Shaw) (Vote for One) of
of the United States (Vote for One) Donald J. Trump - President Michael R. Pence - Vice President (incumbent) Republican Joseph R. Bilden - President	SPECIAL ELECTION For United States Senai (To Fill the Unexpired Term Johnny Isakson, Resigned	For Public Service Commissioner (To Succeed Jason Shaw) (Vote for One) of Jason Shaw
of the United States (Vote for One) Donald J. Trump - President Michael R. Pence - Vice President (incumbent) Republican	SPECIAL ELECTION For United States Sena: (To Fill the Unexpired Term Johnny Isakson, Resigned (Vite for One) Al Bartell	For Public Service Commissioner (To Succeed Jason Shaw) (Vote for One) of Jason Shaw (Incumbert) Republican Robert G. Bryant
of the United States (Vote for One) Donald J. Trump - President Michael R. Pence - Vice President (Incumbent) Republican Joseph R. Bilden - President Kamala D. Harris - Vice President Democrat Jo Jorgensen - President Jeremy "Spike" Cohen - Vice President	SPECIAL ELECTION For United States Senar (To Fill the Unexpired Term Johnny Isakson, Resigned (Vote for One) Al Bartell Independent Allen Buckley	For Public Service Commissioner (To Succeed Jason Shaw) (Vote for One) of Jason Shaw (Incumbent) Republican Robert G. Bryant Democrat Elizabeth Melton
of the United States (Vote for One) Donald J. Trump - President Michael R. Pence - Vice President (incumbent) Republican Joseph R. Bilden - President Kamala D. Harris - Vice President Democrat Jo Jorgensen - President	SPECIAL ELECTION For United States Senai (To Fill the Unexpired Term Johnny Isakson, Resigned (Vote for One) All Bartell Independent Allen Buckley Independent Doug Collins	For Public Service Commissioner (To Succeed Jason Shaw) (Vote for One) of Jason Shaw (noumbert) Republican Robert G. Bryant Democrat Elizabeth Melton Libertarian

Double Scanned Ballot Replacement – Woodstock

Original Count including 49 Duplicates

- County/SoS Voters 5202
 - Cherokee In-Person VoterFile 969
 - SOS Absentee File 4233
 - Advanced Voting 2789
 - In Person 2789
 - Absentee By Mail 1444
 - Mailed 1432
 - Flectronic 12
- SoVC 5209
 - Handmarked 1447
 - Absentee By Mail 1444
 - Provisional 3
 - BMD 3762
 - Election Day 969
 - Advanced Voting 2793
- Ballot Images 5209
 - Handmarked 1447
 - BMDs 3762

49 Handmarked Duplicates replaced with 49 Different Handmarked Ballots?

Recount with no Duplicates

- County/SoS Voters 5202
 - Cherokee In-Person VoterFile 969
 - SOS Absentee File 4233
 - Advanced Voting 2789
 - In Person 2789
 - Absentee By Mail 1444
 - Mailed 1432
 - Electronic 12
- SoVC 5209
 - Handmarked 1447
 - Absentee By Mail 1444
 - Provisional 3
 - BMD 3762
 - Election Day 969
 - Advanced Voting 2793
- Ballot Images 5209
 - Handmarked 1447
 - BMDs 3762

Double Scanned Ballot Replacement – Arnold Mill

Original Count including 1 Duplicate

- County/SoS Voters 3987
 - Cherokee In-Person VoterFile 954
 - SOS Absentee File 3033
 - Advanced Voting 1931
 - In Person 1931
 - Absentee By Mail 1102
 - Mailed 1094
 - Flectronic 8
- SoVC 3991
 - Handmarked 1101
 - Absentee By Mail 1101
 - Provisional 0
 - BMD 2890
 - Election Day 955
 - Advanced Voting 1935
- Ballot Images 3991
 - Handmarked 1101
 - BMDs 2890

1 Handmarked Duplicates replaced with 1 VERY similar Handmarked Ballots?

Recount with no Duplicates

- County/SoS Voters 3987
 - Cherokee In-Person VoterFile 954
 - SOS Absentee File 3033
 - Advanced Voting 1931
 - In Person 1931
 - Absentee By Mail 1102
 - Mailed 1094
 - Flectronic 8
- SoVC 3991
 - Handmarked 1101
 - Absentee By Mail 1101
 - Provisional 0
 - BMD 2890
 - Election Day 955
 - Advanced Voting 1935
- Ballot Images 3991
 - Handmarked 1101
 - BMDs 2890

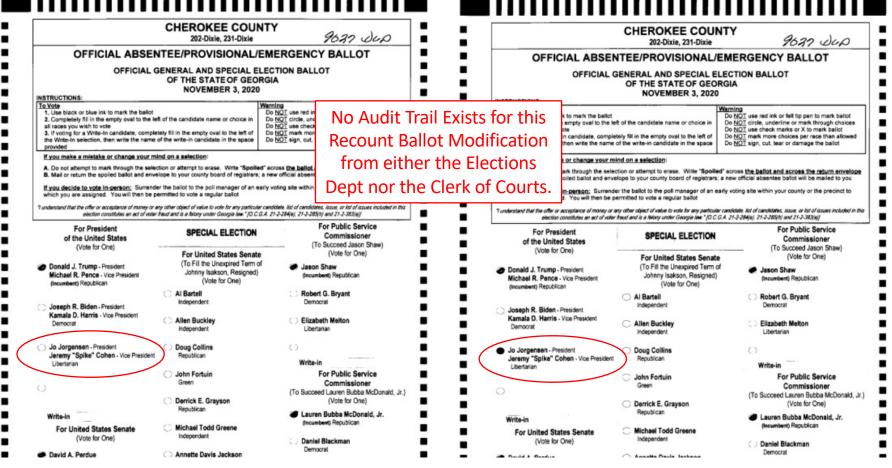
Recount Ballot Change - Dixie

ORIGINAL COUNT IMAGE

Tab: 955_Batch: 205_Ballot: 27

RECOUNT IMAGE

Tab: 950 Batch: 395 Ballot: 1



"Stray" Ballot Images Summary Election Night vs. Recount

Precinct	Duplicates	Added	Omitted	Gross Change
Air Acres	0	50	1	51
Arnold Mill	1	1	1	2
Ball Ground	0	1	0	1
Booth	0	0	1	1
Clayton	0	0	1	1
Hightower	0	0	2	2
Hillside	0	0	15	15
Neese	16	0	16	16
Oak Grove	0	0	2	2
R M Moore	23	0	23	23
R T Jones	22	0	22	22
Rosecreek	5	26	5	31
Univeter	2	0	2	2
Victoria	2	0	2	2
Waleska	2	0	2	2
Wildcat	2	0	2	2
Woodlands	1	0	1	1
Woodstock	49	49	49	98
Grand Total	125	127	147	274

There were 274 ballot images either omitted or added between the original count ballot images and the recount ballot images provided by Cherokee County.

The 274 ballot image changes resulted in a net ballot image quantity change of -20 across the entire county.

Important Note about the recount

- If ballots were double scanned on election night, for example 2 scans of a ballot which selected Trump, Ossoff, and Loeffler, the election night vote totals reflect 2 votes each.
- If the ballots weren't double scanned during the recount, Trump would get one less vote. However, the extra vote for Ossoff, Loeffler, and any other downballot race remains in their vote totals.

Inconsistent scanner results

Scanners Tabulate Votes Inconsistently

Original Count Scan

00950_00150_000044.tif scanned at: 11:11:13 on 10/21/20.

16% Mark

Density

Scanned on: ICC Tabulator: 950 Batch: 150 Ballot ID: 69

President of the United States BLANK CONTEST

US Senate (Perdue)

David A. Perdue (I) (Rep) US Senate (Loeffler) - Special BLANK CONTEST

Public Service Commission District 1

Jason Shaw (I) (Rep) Public Service Commission District 4

BLANK CONTEST

US House District 11

Barry Loudermilk (I) (Rep) State Senate District 14

BLANK CONTEST

State House District 23 BLANK CONTEST

District Attorney - Blue Ridge

BLANK CONTEST

Probate Judge

BLANK CONTEST

Clerk of Superior Court

BLANK CONTEST

Sheriff

BLANK CONTEST

Tax Commissioner BLANK CONTEST

Surveyor

Ron R. Wikle, Jr. (I) (Rep)

Coroner

BLANK CONTEST

Chief Magistrate James E. Drane (I) (Rep)

Board of Education Chair

Kyla Cromer (I) (Rep)

Recount Scan

00955_00029_000022.tif scanned at: 17:00:05 on 11/30/20.

Scanned on: ICC Tabulator: 955 Batch: 29

Ballot ID: 69

President of the United States

BLANK CONTEST

US Senate (Perdue)

BLANK CONTEST US Senate (Loeffler) - Special

Kelly Loeffler (I) (Rep)

Public Service Commission District 1

Jason Shaw (I) (Rep) Public Service Commission District 4

BLANK CONTEST

US House District 11

Barry Loudermilk (I) (Rep) State Senate District 14

BLANK CONTEST

State House District 23

BLANK CONTEST

District Attorney - Blue Ridge

BLANK CONTEST

Probate Judge BLANK CONTEST

Clerk of Superior Court

BLANK CONTEST Sheriff

BLANK CONTEST Tax Commissioner

BLANK CONTEST Surveyor

Ron R. Wikle, Jr. (I) (Rep)

Coroner

BLANK CONTEST

Chief Magistrate

James E. Drane (I) (Rep)

Board of Education Chair

Kyla Cromer (I) (Rep)

Density

17% Mark

SUMMARY OF CONCERNS

Major Areas of Concern

- A. Discrepancies to Resolve
 - 1) Double Counted Ballots
 - 2) Apparent Physical or Electronic replacement of double counted ballots with new unique ballots between Original Count and the Recount
 - 3) Physical or Electronic Injection of more Ballot Images than Voters Recorded as having voted
 - 4) Computer Printed Ballots are not currently reviewable. Forged or Duplicate Computer printed ballots are undetectable with rare exceptions. 75% Blind Spot.
 - 5) Multiple scans of the same ballot yield different results.
- B. Double Counted Ballots were counted as part of the original count SoVC and the recount. Even if removed from the recount they were not removed for down-ballot races in the original count.
- C. Ballot Images don't match the SoVC on Original Count

My Requests in Order of Urgency

- Cherokee BOER to require precinct reconciliation of ballots cast and counted to voters having voted
- Cherokee BOER to implement a post-voter numerical accounting mark on machine printed ballots (BMDs) in order to make them discernable from one another in a citizen based review.
- Cherokee BOER to request redacted Halderman security report on Dominion voting system for two purposes:
 - 1. BOER to implement local mitigations where possible
 - 2. BOER to request responses from SOS and St. Election Bd. for further mitigations if required.
- A formal investigation, preferably by the Cherokee County Board of Elections, but open to State Election Board if necessary:
 - Ballots Cast not reconciling to number of voters
 - Duplicate Ballots Counting in SoVC
 - Unexplained Ballot Deletions and Additions in the Recount
 - Inconsistent scanner tabulation for the same ballot
- Browse additional duplicate ballots and discrepancies on your own at http://seeforyourself.us:8080
- Please review updates as to the results of these investigations at the next election board meeting

Thank You

Cherokee County Election Board Response

Regarding the request for precinct level reconciliation of ballots cast: Poll managers from each polling location complete the following recap sheets: PollPads, Ballot Marking Devices, Ballot Recap, Provisional Ballots and Scanner/Ballot Boxes. These forms and election results (memory cards and tapes) are turned in on election night. Cherokee County Elections staff members will reconcile these recap sheets. After reconciliation, copies are retained by the Elections Office, and are provided to the Secretary of State. These are available at the public's request.



Cherokee County Election Board Response

Regarding Mr. Horton's request for a "post-voter numerical accounting mark" on ballots ("Bates-stamping"): While we appreciate your concern in this area, we have determined that it will not be feasible to implement this suggestion for the following reason:

- a. The requirements in the new election bill states that election workers keep working non-stop until the votes are counted. We are required to have the votes counted by 10:00 p.m. on election night. Thus, the imposition of any additional responsibilities on our workers that evening will jeopardize our ability to comply with this portion of the new law.
- b. By using this method of Bates-stamping, we would be departing from the election code and State Election Board rules, which do not provide for this.



Cherokee County Election Board Response

Regarding Mr. Horton's request for an investigation: As we stated above, we believe an investigation of your allegations will require an election security expert. Therefore, the Board's advice would be to send this report to the Secretary of State, as they have the resources and the experience.

Cobb County Highlights

Recount analysis Only as County Destroyed Election Night Ballot Images

Double Counted Ballots

Double Counted Ballots Example:

TABULATOR: 01894 BATCH: 00013 BALLOT: 000022

TABULATOR: 01894 BATCH: 00040 BALLOT: 000022

COBB COUNTY

OFFICIAL BALLOT

GENERAL AND SPECIAL ELECTION OF THE STATE OF GEORGIA NOVEMBER 3, 2020

"I understand that the offer or acceptance of money or any other object of value to vote for any particular candidate, list of candidates, issue, or list of issues included in this election constitutes an act of voter fraud and is a felony under Georgia law." [O.C.G.A. 21-2-284(e), 21-2-285(h) and 21-2-383(a)]

697-BK01



For President of the United States (Vote for One) (NP)

Vote for Write-in JOHN

FITZGERALD JOHNSON

For United States Senate (Perdue) (Vote for One) (NP) Vote for Jon Ossoff (Dem)

For United States Senate (Loeffler) -Special (Vote for One) (NP) Vote for Raphael Warnock (Dem)

For Public Service Commissioner (Vote for One) (NP) Vote for Elizabeth Melton (Lib)

For Public Service Commissioner (Vote for One) (NP) Vote for Nathan Wilson (Lib)

For U.S. Representative in 117th Congress From the 11th Congressional District of

Assembly From 35th District (Vote for one) (NP) For State Representative In the General Vote for Kyle Rinaudo (Dem)

For District Attorney of the Cobb Judicial Circuit (Vote for One) (NP) Vote for Flynn D. Broady, Jr. (Dem)

For Clerk of Superior Court (Vote for One) Constitutional Amendment #2 (NP) Vote for Connie Taylor (Dem)

For Sheriff (Vote for One) (NP) Vote for Craig D. Owens (Dem)

For Tax Commissioner (Vote for One) (NP) Vote for Carla Jackson (I) (Rep)

For Surveyor (Vote for One) (NP) BLANK CONTEST

For County Commission Chair (Vote for

COBB COUNTY OFFICIAL BALLOT

GENERAL AND SPECIAL ELECTION OF THE STATE OF GEORGIA NOVEMBER 3, 2020

"I understand that the offer or acceptance of money or any other object of value to vote for any particular candidate, list of candidates, issue, or list of issues included in this election constitutes an act of voter fraud and is a felony under Georgia law." [O.C.G.A. 21-2-284(e), 21-2-285(h) and 21-2-383(a)]

697-BK01



For President of the United States (Vote for One) (NP)

Vote for Write-in JOHN

FITZGERALD JOHNSON

Two) (NP)
Vote for Donald Ayres (I)
Vote for Robert L. Hosack, Jr. (I) For United States Senate (Perdue) (Vote for One) (NP) Vote for Jon Ossoff (Dem) Constitutional Amendment #1 (NP)

For Cobb County Soil and Water Conservation District Supervisor (Vote fo

Statewide Referendum A (NP) Vote for NO

Cobb County Special Purpose Local Option Sales Tax (Vote for One) (NP) Vote for NO

For United States Senate (Loeffler) -Special (Vote for One) (NP) Vote for Raphael Warnock (Dem)

For Public Service Commissioner (Vote for One) (NP) Vote for Elizabeth Melton (Lib)

For Public Service Commissioner (Vote

for One) (NP) Vote for Nathan Wilson (Lib)

For U.S. Representative in 117th Congress From the 11th Congressional District of

For State Representative In the General Assembly From 35th District (Vote for

Vote for Kyle Rinaudo (Dem)

For District Attorney of the Cobb Judicial Circuit (Vote for One) (NP) Vote for Flynn D. Broady, Jr. (Dem)

For Clerk of Superior Court (Vote for One) Constitutional Amendment #2 (NP) Vote for Connie Taylor (Dem)

For Sheriff (Vote for One) (NP)

Vote for Craig D. Owens (Dem)

For Tax Commissioner (Vote for One) (NP) Vote for Carla Jackson (I) (Rep)

For Surveyor (Vote for One) (NP) BLANK CONTEST

For County Commission Chair (Vote for

For Cobb County Soil and Water Conservation District Supervisor (Vote fo Two) (NP)

Vote for Donald Ayres (I) Vote for Robert L. Hosack, Jr. (I)

Constitutional Amendment #1 (NP)

Statewide Referendum A (NP) Vote for NO

Cobb County Special Purpose Local Option Sales Tax (Vote for One) (NP) Vote for NO

Method of Identifying Double Scans:

• Unfortunately there is nothing Unique about BMDs so no way to visually determine whether they were duplicates or not.

HOWEVER

 There were 339 double scans discovered in a single precinct (Baker) by analyzing the contents of these votes across multiple batches

Tabulator 1894

The contents of these two batches match identically and in order:

Batch 12 - Ballot 1 to 144

Batch 40 - Ballot 100 to 243

Unique Ballot Identifier #1 (Tabulator#-Batch#-Ballot#)	Unique Ballot Identifier #2 (Tabulator#-Batch#-Ballot#)	POTUS Selection T(168)/J(14) B(154)/Write-In(1)/Write-In(1)/Write-In(1)	S1Race	S2Race
01894_00012_000001	01894_00040_000100	Trump	Perdue	Other
01894_00012_000002	01894_00040_000101	Trump	Perdue	Collins
01894_00012_000003	01894_00040_000102	Trump	Perdue	Collins
01894_00012_000004	01894_00040_000103	Trump	Perdue	Collins
01894_00012_000005	01894_00040_000104	Trump	Perdue	Loeffler
01894_00012_000006	01894_00040_000105	Trump	Perdue	Loeffler
01894_00012_000007	01894_00040_000106	Trump	Perdue	Loeffler
01894_00012_000008	01894_00040_000107	Trump	Perdue	Loeffler
01894_00012_000009	01894_00040_000108	Trump	Perdue	Loeffler
01894_00012_000010	01894_00040_000109	Trump	Perdue	Loeffler
01894_00012_000011	01894_00040_000110	Trump	Perdue	Loeffler
01894_00012_000012	01894_00040_000111	Trump	Perdue	BLANK
01894_00012_000013	01894_00040_000112	Trump	Perdue	Collins
01894_00012_000014	01894_00040_000113	Trump	Perdue	Collins
01894_00012_000015	01894_00040_000114	Trump	Perdue	Loeffler
01894_00012_000016	01894_00040_000115	Trump	Perdue	Other
01804 00012 000017	01804 00040 000116	Tramp	Dardija	Toefflar

Double Counted "Shuffling" Example:

Handmarked?	Unique Ballot Identifier #1 (Tabulator#-Batch#-Ballot#)	Unique Ballot Identifier #2 (Tabulator#-Batch#-Ballot#)			
BMD	01894_00012_000001	01894_00040_000100		Duplicates	Serial Duplicates allow for
BMD	01894_00012_000002	01894_00040_000101		ät	some semblance of finding the
BMD	01894_00012_000003	01894_00040_000102		ij	_
BMD	01894_00012_000004	01894_00040_000103		ዃ	duplicates based on multiple
BMD	01894_00012_000005	01894_00040_000104			ballots with the same
BMD	01894_00012_000006	01894_00040_000105		<u>;</u>	signature.
BMD	01894_00012_000007	01894_00040_000106		Serial	Signature.
BMD	01894_00012_000008	01894_00040_000107			
BMD	01894_00012_000009	01894_00040_000108			
BMD	01894_00012_000146	01894_00040_000328		S	Shuffled Duplicator, especially
BMD	01894_00012_000147	01894_00040_000329		ţ	Shuffled Duplicates, especially
BMD	01894_00012_000148	01894_00040_000330		Duplicates	when shuffled across batches
BMD	01894_00012_000149	01894_00040_000331		i i	makes it nearly impossible to
				_	
BMD	01894_00012_000150	<u>01894_0004</u> 0_000245		۲	find any dunlicates in the
BMD BMD	01894_00012_000150 01894_00012_000151	01894_00040_000245 01894_00040_000246			find any duplicates in the
					find any duplicates in the ballot images.
BMD	01894_00012_000151	01894_00040_000246			, ,
BMD BMD	01894 00012 000151 01894 00012 000152	01894 00040 000246 01894 00040 000247		Shuffled Du	, ,

Double Scanned and Counted Ballots in SoVC

- It's impossible to determine whether these were the only duplicates across the county because not all duplicates are located in a serial fashion within batches
- It is important to note that even if duplicates are removed from the pool of ballots prior to the recount all of the down-ballot races remain affected by the duplicates

Double Scanned Ballots — Baker Precinct

If 3384 Votes include 339
Duplicates then in theory there should be 3084 voters. And yet there are 288 more than that.

Recount including 339 Duplicates

- County/SoS Voters 3372
 - Cobb In-Person VoterFile 678
 - SOS Absentee File 2694
 - Advanced Voting 1719
 - In Person 1719
 - Absentee By Mail 975
 - Mailed 963
 - Electronic 12
- SoVC <mark>3384</mark>
- Ballot Images 3384
 - Handmarked 985
 - BMDs 2399

339 Duplicates Counted in

Recount

More Ballots Counted than Voters Voting

County Wide Ballot Image Discrepancy

	BMD	Handmarked
Ballot Images	245966	150566
Voters Voted		
Election Day In Person (Numbered List of Voters)	70969	
Advanced In Person (Absentee File)	174881	
Absentee by Mail (Absentee File)		148577
Absentee Electronic (Absentee File)		1411
Discrepancy	116 (Extra Ballot Images)	578 (Extra Ballot Images)

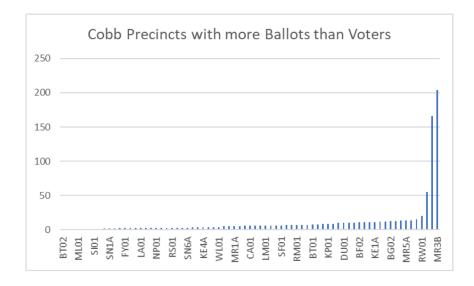
694 Extra Ballot Images in the County Including Duplicates

More Ballots Counted than Voters Voting

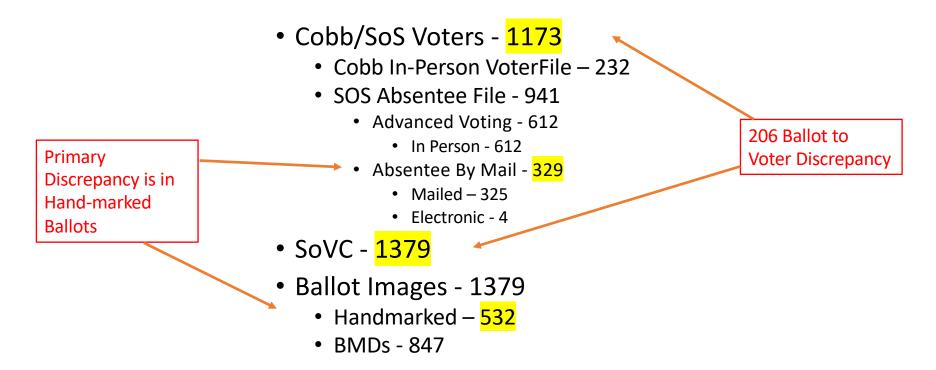
- Marietta 3B (MR3B) +206 (~15%)
- Lost Mountain 02 (LM02) +163 (~5%)
- Vinings 02 (VG02) +58 (~1%)
- Total for precincts with excess ballots
 - 862 more Ballot Images than Voters but... some precincts have fewer ballot images than voters so the net excess is 694

Locality of the discrepancy is important. It indicates a particular vs a systemic problem.

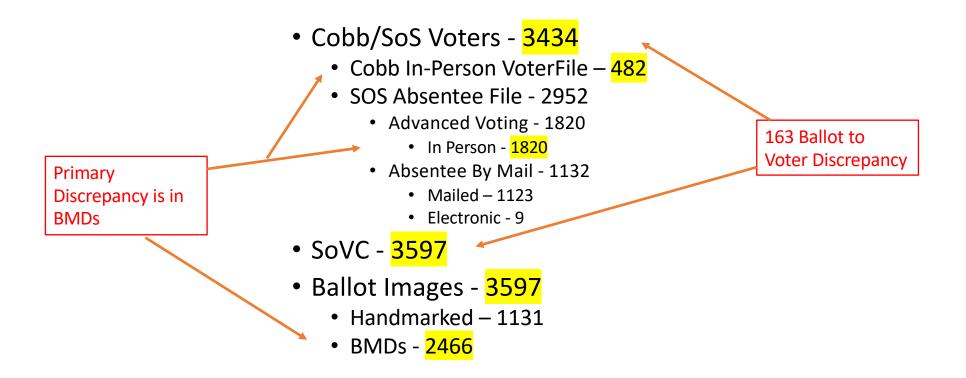
There are 427 more ballots counted than voters voting.



206 Ballots with No Voters – Marietta 3B



163 Ballots with No Voters – Lost Mountain 02



58 Ballots with No Voters – Vinings 02

- Cobb/SoS Voters 4496
 - Cobb In-Person VoterFile 725
 - SOS Absentee File 3771
 - Advanced Voting 1969
 - In Person 1969
 - Absentee By Mail 1802
 - Mailed 1787
 - Electronic 15
- SoVC 4554
- Ballot Images 4506
 - Handmarked 1807
 - BMDs 2699

58 Ballot to Voter Discrepancy

Not Enough Ballot Images?

Thank You

