

**STATE OF MICHIGAN
IN THE CIRCUIT COURT FOR THE COUNTY OF ANTRIM**

WILLIAM BAILEY

Plaintiff

Case No. 20-9238-CZ

v.

ANTRIM COUNTY

HON. KEVIN A. ELSENHEIMER

Defendant

SECRETARY OF STATE JOCELYN
BENSON

Intervenor-Defendant,

Matthew S. DePerno (P52622)
DEPERNO LAW OFFICE, PLLC
Attorney for Plaintiff
951 W. Milham Avenue
PO Box 1595
Portage, MI 49081
(269) 321-5064

Haider A. Kazim (P66146)
Allan C. Vander Laan (P33893)
CUMMINGS, MCCLOREY, DAVIS & ACHO, PLC
Attorney for Defendant
319 West Front Street
Suite 221
Traverse City, MI 49684
(231) 922-1888

Heather S. Meingast (P55439)
Erik A. Grill (P64713)
Assistant Attorneys General
Attorneys for Intervenor-Defendant Benson
PO Box 30736
Lansing, MI 48909
(517) 335-7659

EXHIBITS 2

**PLAINTIFF'S MOTION AND BRIEF FOR RECONSIDERATION OR,
ALTERNATIVELY, REHEARING PURSUANT TO MCR 2.119(F)**

Respectfully submitted

DePERNO LAW OFFICE, PLLC

Dated: June 9, 2021

/s/ Matthew S. DePerno

Matthew S. DePerno (P52622)

Attorney for Plaintiff

Date: 6/9/2021

Subject: Case Study Banks Township - Antrim County Election Management Server Found to be Subverted

Analyst: Jeffrey Lenberg

Executive Summary

The Antrim County Dominion Democracy Suite 5.5.12.1 Election Management Server (EMS) has been found to be subverted. To illustrate the subversion, a case study was performed on Banks Township to show the results of the manipulation of the project files on the EMS and how the EMS handled the errors introduced.

When conducting an election with an election project file containing a shift (akin to the Antrim County incident) large enough to move all votes off the ballot, the EMS gives no error messages at all. The EMS has been programmed to suppress all error messages related to the shifting of indexes beyond the confines of the Banks ballot illustrating one of the factors indicating that the EMS has been subverted.

This case study on Banks Township shows that shifting of indexes for all the races entirely off the ballot nullifies the cast votes and changes the status of each contest to an undervote. An undervote occurs when no vote is cast for the contest, or an insufficient number of votes for a multi-vote contest. This kind of shift of the indexes must result in an error at the EMS due to routine error handling in modern software applications. Indeed, all modern programming languages would throw an exception that must be caught and handled by the programmer. In the case of the Antrim County EMS it does not produce any errors on the EMS because the exception is handled in a fashion to create an undervote and disregard the authentic vote. The subversion intentionally suppresses the errors that would likely occur in order to allow manipulation of the votes without detection.

Details

The Antrim County Dominion Democracy Suite Version 5.5.17 Election Management Server (EMS) is subverted to allow for the manipulation of votes. The subversion of the Antrim EMS is specific to the error handling procedures of the software. The software would typically show an error if the vote selections were shifted outside of a single contest, moreover, when all of the votes for all of the contests on the ballot are moved outside the indexes on that individual ballot the software would be expected to throw what is called an exception in software engineering. When an exception occurs, it must be handled by a programming routine that is designed for error handling (aka exception handling); if this does not occur, the result is typically a crash of the program, and immediate termination of the application. This would be very noticeable to the user as the entire program would stop running and it would appear to crash from the user's perspective.

The Banks Township case study was designed to show what occurs on the Antrim County EMS when the database is manipulated to move all the votes for all contests outside of acceptable parameters. The indexes in the EMS database for Banks Township begin at the number 1 and then go to a top number of 552. Each index number represents the bullet for each possible vote choice in every contest on the Banks Township ballot, including every single choice for write-ins as well. Figure 1 shows the default configuration of the Antrim County EMS ChoiceManifestation Table that contains the vote index positions.

Testing for the Antrim County EMS Subversion

For the purposes of the Banks Township case study, the beginning index number for the Banks Township ballot was set to 561 and the top number in the range was set to 1,112. This was accomplished by adding 560 to all the internalMachineIds (see Figure 1) in the ChoiceManifestation table and then proceeding with the election.

For the purposes of this case study, the Banks Township “ballot” will refer to all four ballot styles used in Banks Township. This is the reason there are 552 total vote choices due to the four different ballot styles.

The result is that the indexes for every single vote choice for the Banks Township ballot are outside of the range of indexes expected for the Banks Township ballot. Figure 1 shows the MS SQL command used to add 560 to each internalMachineId index. See Figure 2 showing the ranges for the test.

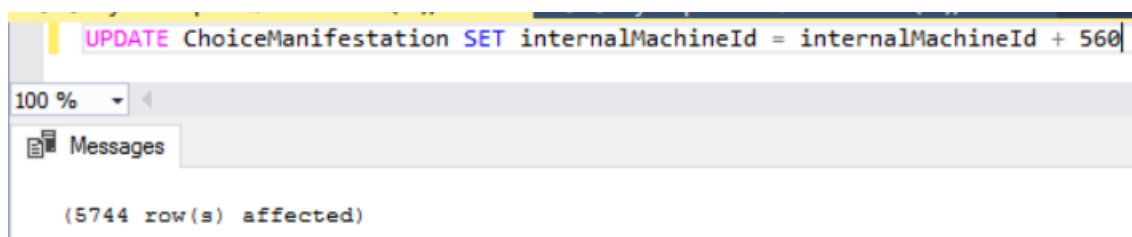


Figure 1 - Adding 560 to Every internalMachineId in the Antrim County EMS Database

	__classid	internalMachineId
1	000J	312
2	000J	5466
3	000J	5299
4	000J	522
5	000J	3056
6	000J	4005
7	000J	3822
8	000J	681
9	000J	1231
10	000J	1888
11	000J	4566
12	000J	3596
13	000J	886
14	000J	1820
15	000J	5503
16	000J	1349
17	000J	860
18	000J	1139
19	000J	4176
20	000J	5449
21	000J	1793
22	000J	2192
23	000J	1760
24	000J	2963
25	000J	3391
26	000J	5619
27	000J	802

	__classid	internalMachineId
1	000J	872
2	000J	6026
3	000J	5859
4	000J	1082
5	000J	3616
6	000J	4565
7	000J	4382
8	000J	1241
9	000J	1791
10	000J	2448
11	000J	5126
12	000J	4156
13	000J	1446
14	000J	2380
15	000J	6063
16	000J	1909
17	000J	1420
18	000J	1699
19	000J	4736
20	000J	6009
21	000J	2353
22	000J	2752
23	000J	2320
24	000J	3523
25	000J	3951
26	000J	6179
27	000J	1362

Figure 2 Index Values in the Beginning of the ChoiceManifestation Table Before and After Addition of 560 to internalMachineId

The fact that every single vote choice is set to be outside the anticipated range of vote choices values means that the software must throw an exception that would likely result in a critical error for the EMS system and the inability to load the results from that particular compact flash card.

In order to show that the Antrim County EMS is subverted and that loading Banks Township results would not result in an EMS crash when loaded with the indexes entirely out of range for the ballot, a testing regime was followed where 210 ballots were run through the ImageCast Precinct (ICP) tabulator. See Appendix A for images of the ballots that were used for the test procedure. The objective of the test was to illustrate that the paper tapes would accurately convey the totals of the vote while the EMS would show undervotes for all contests, the result is the categorical loss of all the votes due to the subversion. All the votes on the EMS show undervotes. This means that for the 210 ballots cast there were 4,890 individual contest votes discarded by the EMS due to the subversion. Note that the 4,890

discarded contest votes are based on the specific vote pattern on the ballots in Appendix A.

The fact that the Antrim County EMS does not reject the loading of the compact flash cards, generate any type of error, crash or otherwise indicate that there is an issue with the results processing shows the EMS is subverted. The error handling of the Antrim County EMS purposefully disregards the votes cast and labels them as undervotes instead of raising an error. The conclusion is that the Antrim County EMS has been purposefully subverted. Furthermore, the subversion of error handling is a primary tactic of any cyber attacker.

The vote totals on the tape are illustrated in Figure 4, the paper tape is not impacted by the large shift from the Banks case study. The Presidential contest results from the EMS are found in Figure 3 and there are no votes recorded for any of the candidates with all the votes being discarded and recorded as undervotes. The entire EMS output for Banks Township election showing undervotes for all races is included in Appendix B.

Contest: President and Vice President of the United States		
Number Of Postions : 1		
Precinct Portion:		
Ballot Manifestation : 0		
Ballot Statistics		
Contest Results		
Overvotes:	<input type="text" value="0"/>	
Undervotes:	<input type="text" value="210"/>	
Blank:	<input type="text" value="210"/>	
Double Votes:	<input type="text" value="0"/>	
Invalid Votes:	<input type="text" value="0"/>	
Writein Overrides:	<input type="text" value="0"/>	
Candidate Results		
Name	Party	Votes
Joseph R. Biden / Kamala D. Harris	DEM	0
Donald J. Trump / Michael R. Pence	REP	0
Jo Jorgensen / Jeremy Cohen	LIB	0
Don Blankenship / William Mohr	UST	0
Howie Hawkins / Angela Walker	GRN	0
Rocky De La Fuente / Darcy Richardson	NLP	0
Write-in		0

Figure 3 - EMS/RTR Output for Presidential Contest - All Undervotes

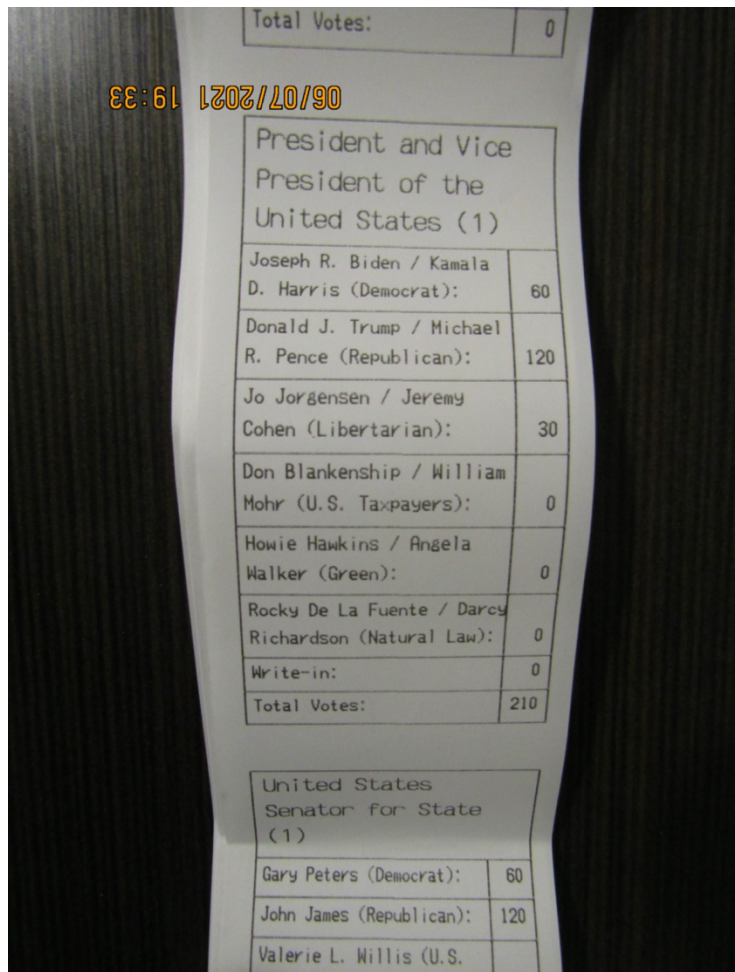


Figure 3 - Paper Tapes for Banks County - Results are Unmodified on the Tape

Successful Loading of Compact Flash Cards that Should Have Been Rejected

The expert report by Halderman dated March 26, 2021, indicated that only 4 townships' compact flash cards failed to load on the Antrim County EMS, see Figure 5. The subversion of the Antrim County EMS actually allowed twelve (12) additional townships compact flash cards to load successfully despite the flawed configuration that resulted in the shifting of votes.

These additional townships would have failed to load on the EMS if not for the subversion in the Antrim County EMS system that allowed for the cards to load normally and not trigger any rejection of the cards or errors in the EMS:

1. Chestonia Township
2. Echo Township
3. Helena Township

4. Star Township
5. Custer Township
6. Elk Rapids, AV Board
7. Torch Lake Township
8. Forest Home Township
9. Milton Township, AV Board
10. Central Lake Township
11. Jordan Township
12. Kearney Township

The Antrim County EMS is capable of generating an error when attempting to load results from corrupt compact flash cards, but did not due to the subversion. An error from the EMS similar to this one should have been generated for corrupt data. Figure 4 gives an example of an error that would be expected from the EMS. In this case the slog.txt is loaded, meaning that there is a log entry accounting for the error, but no actual results are loaded into the EMS for reporting functions; therefore, inaccurate vote totals do not get reported if this proper error handling does occur.

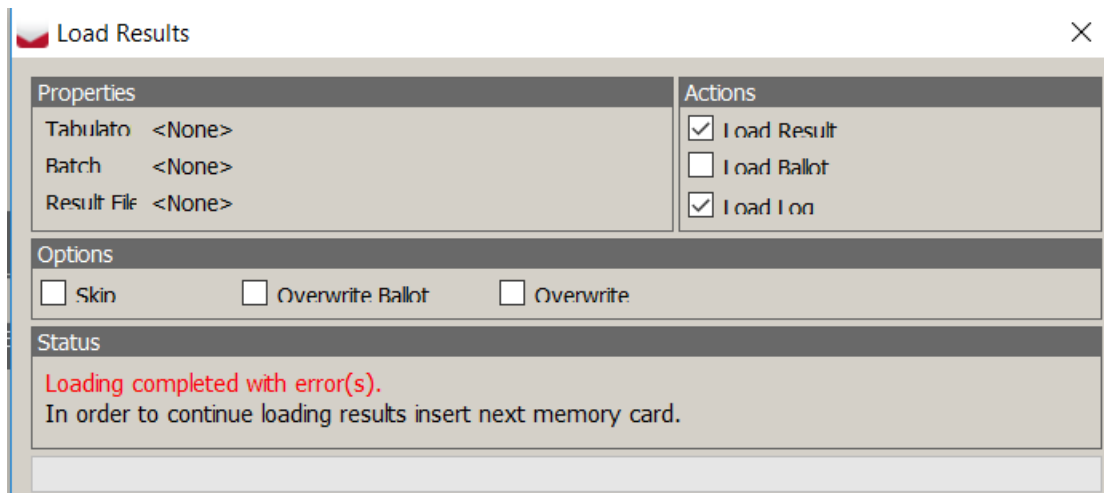


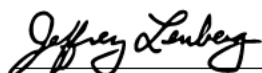
Figure 4 - Error Loading Compact Flash Card

Nov. 3	21:48	<i>EMS begins loading results from scanner memory cards.</i>		
	21:49	Chestonia Township	Card loaded successfully.	Should not have loaded
	22:31-22:38	Warner Township	Failed to load, 7 attempts.	
	22:41	Banks Township	Card loaded successfully.	Should not have loaded
	22:53	Echo Township	Card loaded successfully.	
	22:56	Warner Township	Final failed loading attempt.	
	23:03-00:18	Warner Township	Manually entered from poll tape	Should not have loaded
Nov. 4	00:20	Helena Township	Card loaded successfully.	Should not have loaded
	00:23	Star Township	Card loaded successfully.	Should not have loaded
	00:26	Custer Township	Card loaded successfully.	
	00:28	Elk Rapids, Precinct 1	Failed to load.	Should not have loaded
	00:31	Elk Rapids, AV Board	Card loaded successfully.	Should not have loaded
	00:34	Torch Lake Township	Card loaded successfully.	Should not have loaded
	00:36	Forest Home Township	Card loaded successfully.	Should not have loaded
	00:38	Milton Township, AV Board	Card loaded successfully.	
	00:38	Milton Township, Precinct 1	Failed to load.	
	01:10-01:41	Elk Rapids, Precinct 1	Manually entered from poll tape	Should not have loaded
	01:43	Central Lake Township	Card loaded successfully.	
	01:48-02:04	Milton Township, Precinct 1	Manually entered from poll tape	Should not have loaded
	02:05	Jordan Township	Card loaded successfully.	Should not have loaded
	03:36	Kearney Township	Card loaded successfully.	
	03:43	Mancelona, Precinct 1	Card loaded successfully.	
	03:44	Mancelona, Precinct 2	Card loaded successfully.	
	03:51-04:09	<i>EMS produces unofficial results report for public distribution.</i>		

Table 4: **Election Night Timeline.** The EMS log shows that county staff worked through the night of Nov. 3-4 to load results from scanner memory cards. Three of 18 cards failed to load, and those results were entered manually from scanner poll tapes. At 4:09 a.m., the EMS produced the unofficial results report posted on Antrim’s website. Officials learned hours later that the results were erroneous.

Figure 5 - Halderman Report Table 4

Under the penalties of perjury, I declare that I have read the foregoing report and that facts stated in it are true.

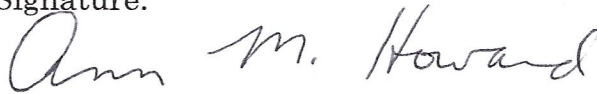

 Jeffrey Lenberg

MICHIGAN NOTARY ACKNOWLEDGEMENT

State of Michigan
County of Oakland

The foregoing instrument was acknowledged before me on this 9th day of June,
2021 by Jeffrey Lenberg.

Notary Public Signature:

A handwritten signature in cursive script that reads "Ann M. Howard". The signature is written in black ink and is positioned to the right of the "Notary Public Signature:" label.

Notary Printed Name: Ann M. Howard
Acting in the County of: Oakland
My Commission Expires: 2/24/2023

Appendix A
Ballots used for the Banks
Township Case Study

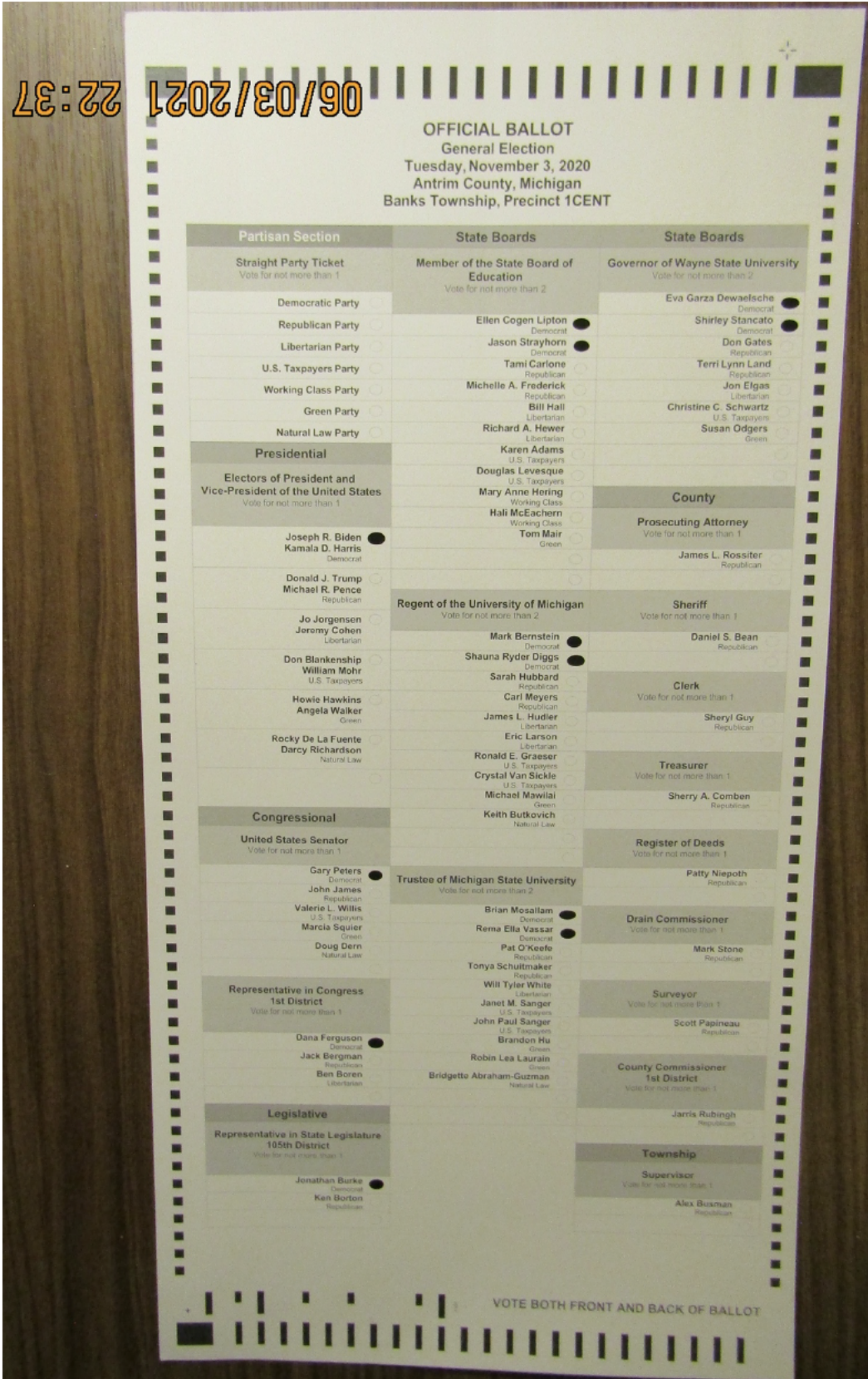


Figure 6 - Ballot #1 for Banks Township Case Study

Appendix A
Ballots used for the Banks
Township Case Study

06/03/2021 22:37

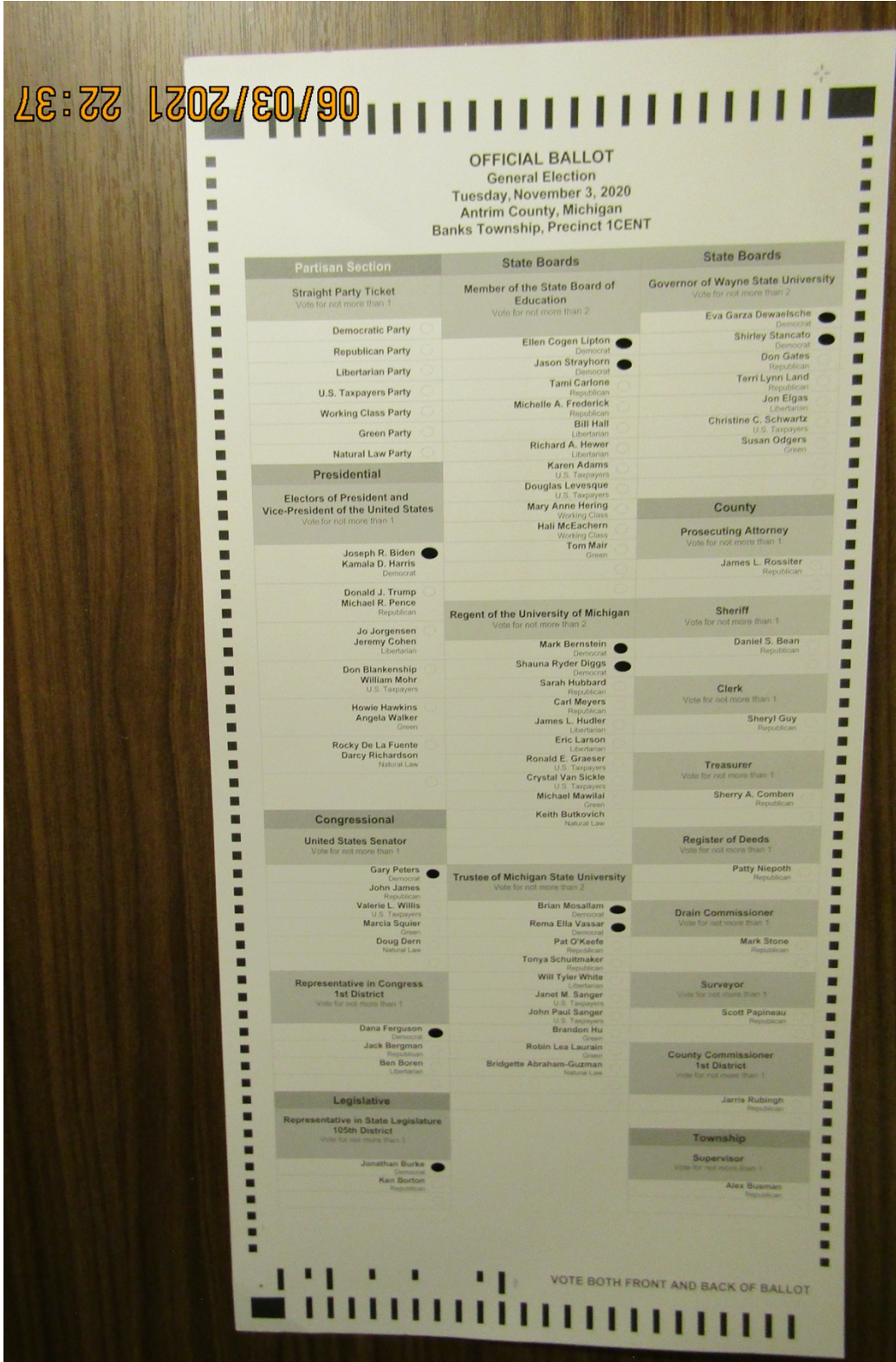


Figure 7 - Ballot #2 for Banks Township Case Study

Appendix A
Ballots used for the Banks
Township Case Study

18:22 12/03/2021

OFFICIAL BALLOT
 General Election
 Tuesday, November 3, 2020
 Antrim County, Michigan
 Banks Township, Precinct 1CENT

Partisan Section	State Boards	State Boards
Straight Party Ticket Vote for not more than 1	Member of the State Board of Education Vote for not more than 2	Governor of Wayne State University Vote for not more than 2
Democratic Party <input type="radio"/>	Ellen Cogen Lipton <input type="radio"/> Democrat	Eva Garza Dewaeleche <input type="radio"/> Democrat
Republican Party <input type="radio"/>	Jason Strayhorn <input type="radio"/> Democrat	Shirley Stancato <input type="radio"/> Democrat
Libertarian Party <input type="radio"/>	Tami Carlone <input type="radio"/> Republican	Don Gates <input type="radio"/> Republican
U.S. Taxpayers Party <input type="radio"/>	Michelle A. Frederick <input type="radio"/> Republican	Terri Lynn Land <input type="radio"/> Republican
Working Class Party <input type="radio"/>	Bill Hall <input type="radio"/> Libertarian	Jon Elgas <input type="radio"/> Libertarian
Green Party <input type="radio"/>	Richard A. Hewer <input type="radio"/> Libertarian	Christine C. Schwartz <input type="radio"/> U.S. Taxpayers
Natural Law Party <input type="radio"/>	Karen Adams <input type="radio"/> U.S. Taxpayers	Susan Odgers <input type="radio"/> Green
Presidential	Douglas Levesque <input type="radio"/> U.S. Taxpayers	
Electors of President and Vice-President of the United States Vote for not more than 1	Mary Anne Hering <input type="radio"/> Working Class	County
Joseph R. Biden <input type="radio"/> Kamala D. Harris <input type="radio"/> Democrat	Hali McEachern <input type="radio"/> Working Class	Prosecuting Attorney Vote for not more than 1
Donald J. Trump <input type="radio"/> Michael R. Pence <input type="radio"/> Republican	Tom Mair <input type="radio"/> Green	James L. Rossiter <input type="radio"/> Republican
Jo Jorgensen <input type="radio"/> Jeremy Cohen <input type="radio"/> Libertarian	Regent of the University of Michigan Vote for not more than 2	Sheriff Vote for not more than 1
Don Blankenship <input type="radio"/> William Mohr <input type="radio"/> U.S. Taxpayers	Mark Bernstein <input type="radio"/> Democrat	Daniel S. Bean <input type="radio"/> Republican
Howie Hawkins <input type="radio"/> Angela Walker <input type="radio"/> Green	Shauna Ryder Diggs <input type="radio"/> Democrat	Clerk Vote for not more than 1
Rocy De La Fuente <input type="radio"/> Darcy Richardson <input type="radio"/> Natural Law	Sarah Hubbard <input type="radio"/> Republican	Sheryl Guy <input type="radio"/> Republican
	Carl Meyers <input type="radio"/> Republican	Treasurer Vote for not more than 1
Congressional	James L. Hudler <input type="radio"/> Libertarian	Sherry A. Comben <input type="radio"/> Republican
United States Senator Vote for not more than 1	Eric Larson <input type="radio"/> Libertarian	Register of Deeds Vote for not more than 1
Gary Peters <input type="radio"/> Democrat	Ronald E. Graesser <input type="radio"/> U.S. Taxpayers	Patty Niepoth <input type="radio"/> Republican
John James <input type="radio"/> Republican	Crystal Van Sickle <input type="radio"/> U.S. Taxpayers	Drain Commissioner Vote for not more than 1
Valerie L. Willis <input type="radio"/> U.S. Taxpayers	Michael Maxwell <input type="radio"/> Green	Mark Stone <input type="radio"/> Republican
Marcia Squier <input type="radio"/> Green	Keith Butkovich <input type="radio"/> Natural Law	Surveyor Vote for not more than 1
Doug Dern <input type="radio"/> Natural Law	Trustee of Michigan State University Vote for not more than 2	Scott Papineau <input type="radio"/> Republican
Representative in Congress 1st District Vote for not more than 1	Brian Mosallam <input type="radio"/> Democrat	County Commissioner 1st District Vote for not more than 1
Dana Ferguson <input type="radio"/> Democrat	Rema Ella Vassar <input type="radio"/> Democrat	Jarris Rubingh <input type="radio"/> Republican
Jack Bergman <input type="radio"/> Republican	Pat O'Keefe <input type="radio"/> Republican	Township
Ben Boren <input type="radio"/> Libertarian	Tonya Schuttmaker <input type="radio"/> Republican	Supervisor Vote for not more than 1
	Will Tyler White <input type="radio"/> Libertarian	Alex Bugman <input type="radio"/> Republican
Legislative	Janet M. Sanger <input type="radio"/> U.S. Taxpayers	
Representative in State Legislature 105th District Vote for not more than 1	John Paul Sanger <input type="radio"/> U.S. Taxpayers	
Jonathan Burke <input type="radio"/> Democrat	Brandon Hu <input type="radio"/> Green	
Ken Burton <input type="radio"/> Republican	Robin Lea Laurain <input type="radio"/> Green	
	Bridgette Abraham-Guzman <input type="radio"/> Natural Law	

VOTE BOTH FRONT AND BACK OF BALLOT

Figure 8 - Ballot #3 for Banks Township Case Study

Appendix A
Ballots used for the Banks
Township Case Study

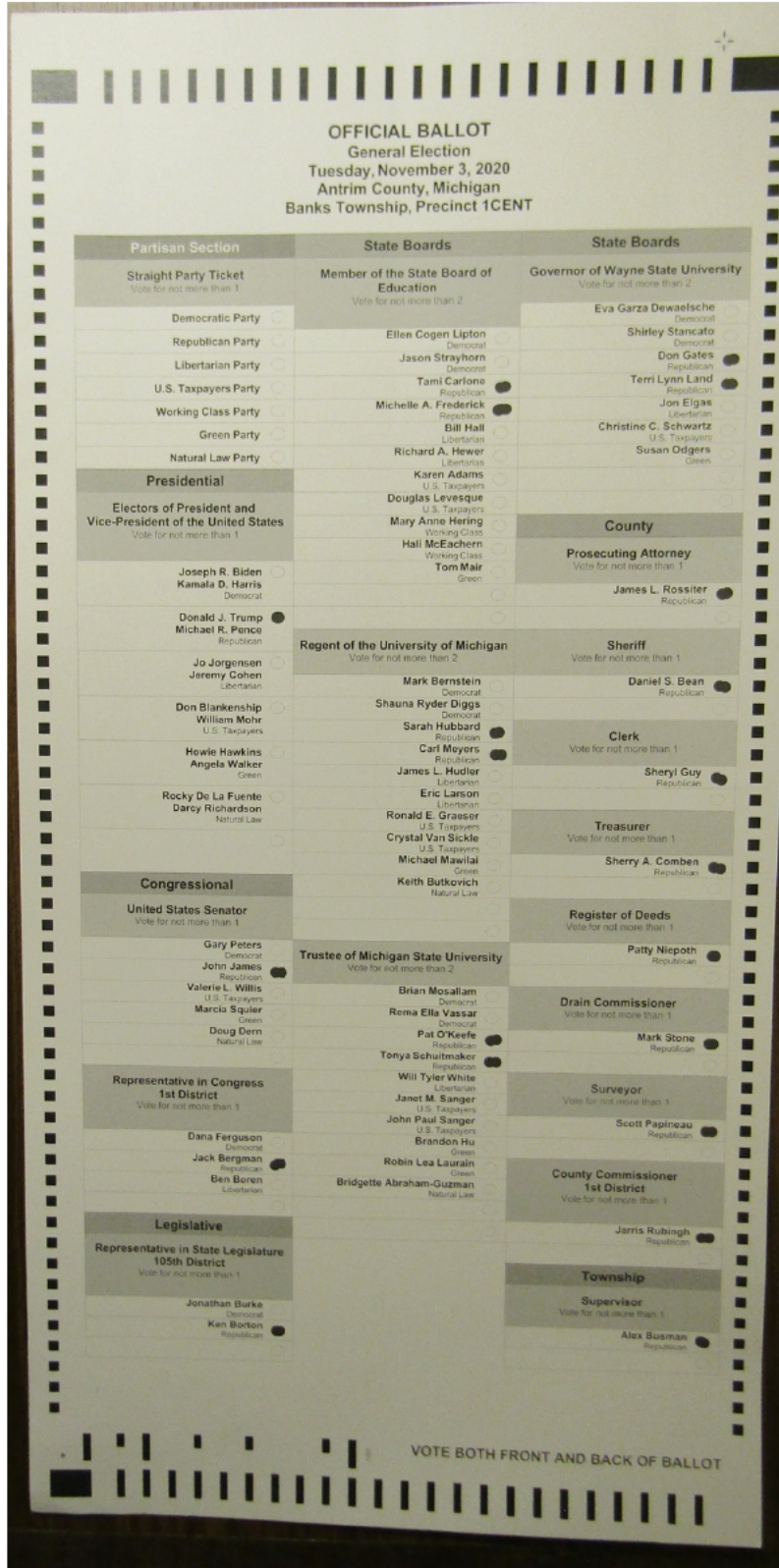


Figure 9 Ballot #4 for Banks Township Case Study

Appendix A
Ballots used for the Banks
Township Case Study

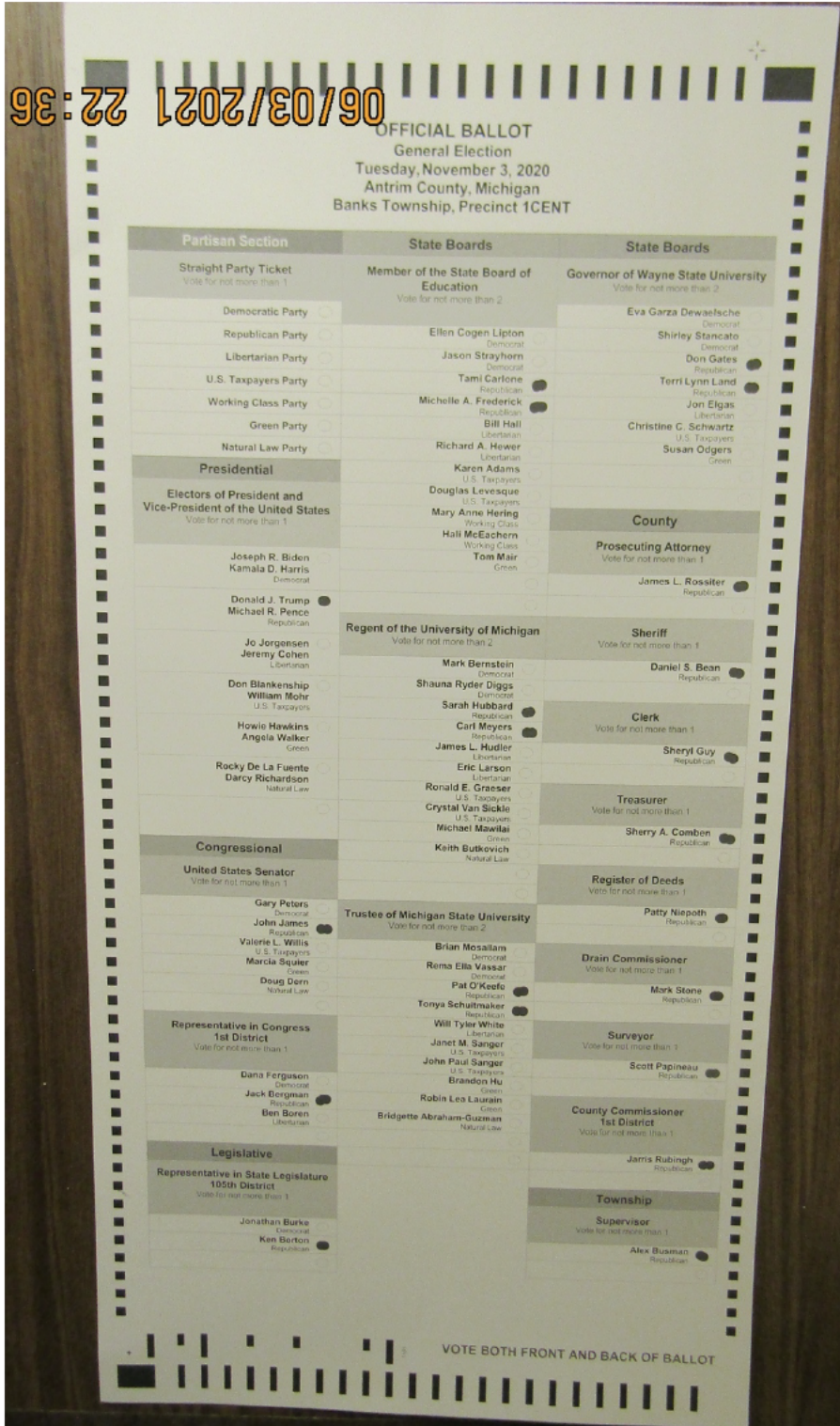


Figure 10 Ballot #5 for Banks Township Case Study

Appendix A
Ballots used for the Banks
Township Case Study

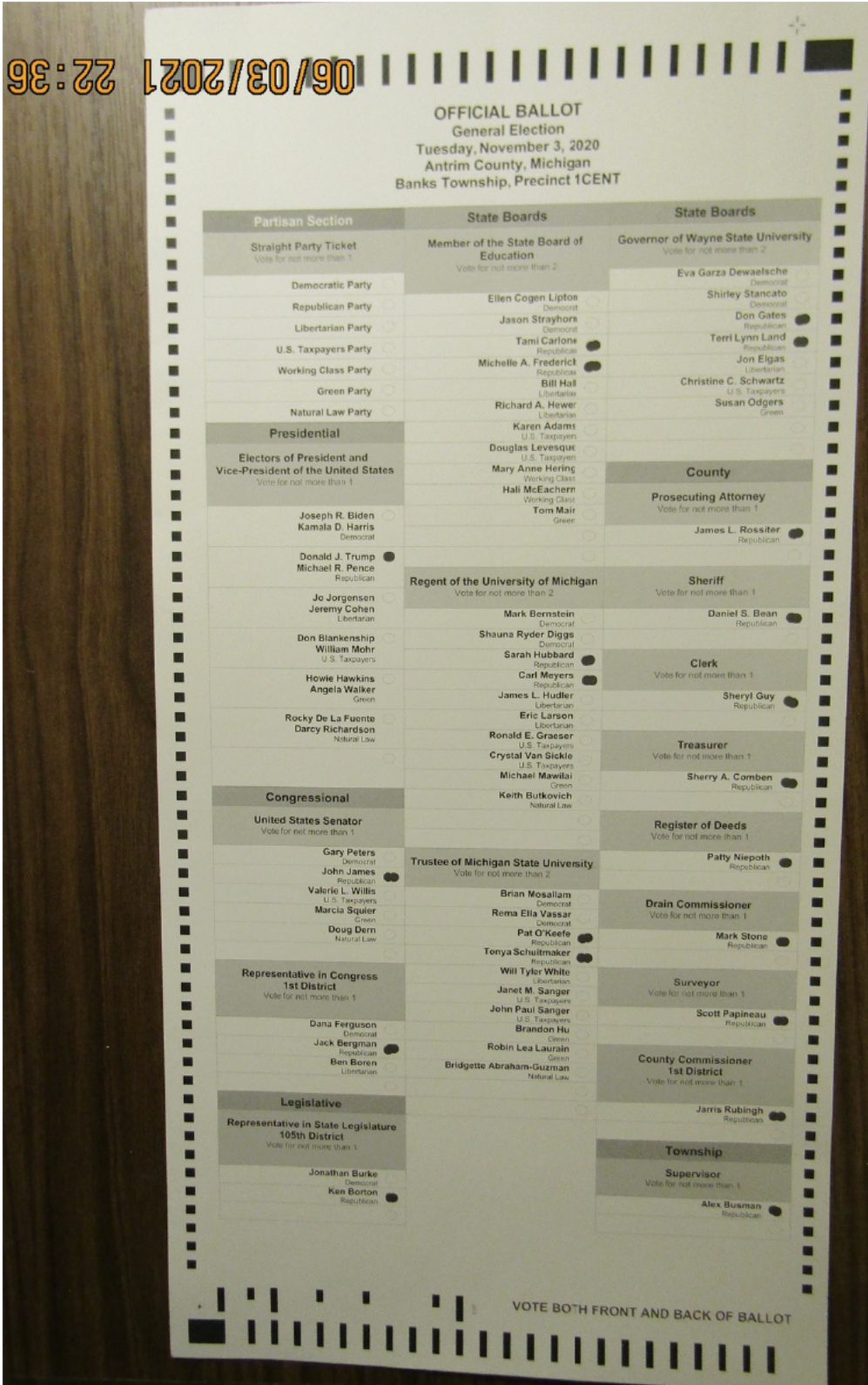


Figure 11 Ballot #6 for Banks Township Case Study

Appendix A
Ballots used for the Banks
Township Case Study

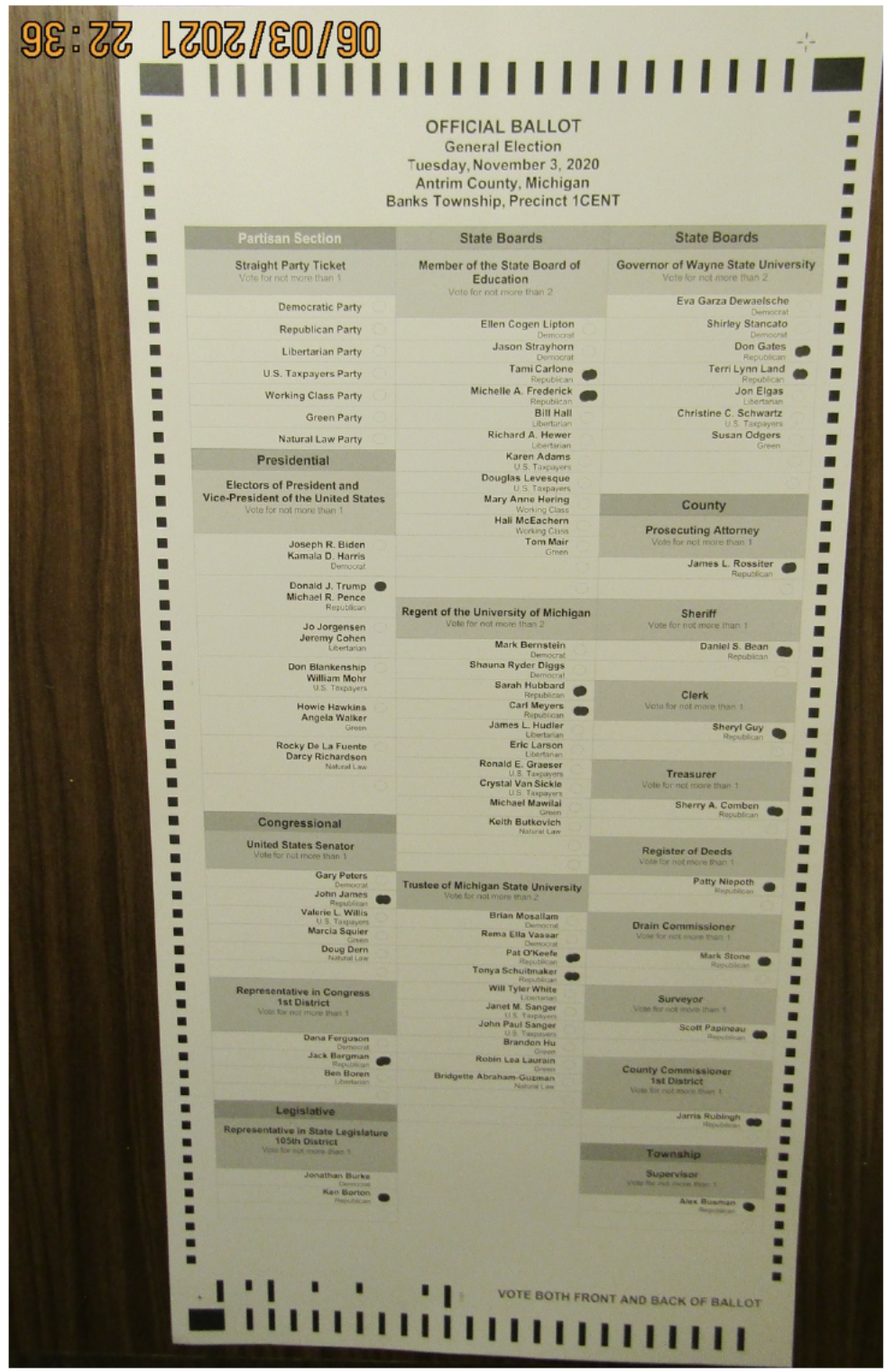




Figure 12 Ballot #7 for Banks Township Case Study


Appendix B
 Antrim County EMS Results from
 Banks Township Case Study

Contest: **Straight Party Ticket**
 Number Of Postions : **1**
 Precinct Portion:
 Ballot Manifestation : **0**

 Ballot Statistics




 Contest Results

Overvotes:
 Undervotes:
 Blank:
 Double Votes:
 Invalid Votes:
 Writein Overrides:

 Candidate Results

	Name	Party	Votes
	Democratic Party	DEM	0
	Republican Party	REP	0
	Libertarian Party	LIB	0
	U.S. Taxpayers Party	UST	0
	Working Class Party	WCP	0
	Green Party	GRN	0
	Natural Law Party	NLP	0

Appendix B
 Antrim County EMS Results from
 Banks Township Case Study

Contest: President and Vice President of the United States			
Number Of Postions : 1			
Precinct Portion:			
Ballot Manifestation : 0			
 Ballot Statistics			
 Contest Results			
Overvotes:	<input type="text" value="0"/>		
Undervotes:	<input type="text" value="210"/>		
Blank:	<input type="text" value="210"/>		
Double Votes:	<input type="text" value="0"/>		
Invalid Votes:	<input type="text" value="0"/>		
Writein Overrides:	<input type="text" value="0"/>		
 Candidate Results			
	Name	Party	Votes
	Joseph R. Biden / Kamala D. Harris	DEM	0
	Donald J. Trump / Michael R. Pence	REP	0
	Jo Jorgensen / Jeremy Cohen	LIB	0
	Don Blankenship / William Mohr	UST	0
	Howie Hawkins / Angela Walker	GRN	0
	Rocky De La Fuente / Darcy Richardson	NLP	0
	Write-in		0

Appendix B
 Antrim County EMS Results from
 Banks Township Case Study

Contest: **United States Senator for State**
 Number Of Postions : **1**
 Precinct Portion:
 Ballot Manifestation : **0**

↓ Ballot Statistics

↑ Contest Results

Overvotes:
 Undervotes:
 Blank:
 Double Votes:
 Invalid Votes:
 Writein Overrides:

↑ Candidate Results




	Name	Party	Votes
	Gary Peters	DEM	0
	John James	REP	0
	Valerie L. Willis	UST	0
	Marcia Squier	GRN	0
	Doug Dern	NLP	0
	Write-in		0

Appendix B

Antrim County EMS Results from
Banks Township Case Study

Contest: Representative in Congress 1st District			
Number Of Postions : 1			
Precinct Portion:			
Ballot Manifestation : 0			
Ballot Statistics			
Contest Results			
Overvotes:	<input type="text" value="0"/>		
Undervotes:	<input type="text" value="210"/>		
Blank:	<input type="text" value="210"/>		
Double Votes:	<input type="text" value="0"/>		
Invalid Votes:	<input type="text" value="0"/>		
Writein Overrides:	<input type="text" value="0"/>		
Candidate Results			
	Name	Party	Votes
	Dana Ferguson	DEM	0
	Jack Bergman	REP	0
	Ben Boren	LIB	0
	Write-in		0

Appendix B
 Antrim County EMS Results from
 Banks Township Case Study

Contest: Representative in State Legislature 105th District			
Number Of Postions : 1			
Precinct Portion:			
Ballot Manifestation : 0			
 Ballot Statistics			
 Contest Results			
Overvotes:	<input type="text" value="0"/>		
Undervotes:	<input type="text" value="210"/>		
Blank:	<input type="text" value="210"/>		
Double Votes:	<input type="text" value="0"/>		
Invalid Votes:	<input type="text" value="0"/>		
Writein Overrides:	<input type="text" value="0"/>		
 Candidate Results			
	Name	Party	Votes
	Jonathan Burke	DEM	0
	Ken Borton	REP	0
	Write-in		0

Appendix B
 Antrim County EMS Results from
 Banks Township Case Study

Contest: Member of the State Board of Education			
Number Of Postions : 2			
Precinct Portion:			
Ballot Manifestation : 0			
Ballot Statistics			
Contest Results			
Overvotes:	<input type="text" value="0"/>		
Undervotes:	<input type="text" value="420"/>		
Blank:	<input type="text" value="210"/>		
Double Votes:	<input type="text" value="0"/>		
Invalid Votes:	<input type="text" value="0"/>		
Writein Overrides:	<input type="text" value="0"/>		
Candidate Results			
	Name	Party	Votes
	Ellen Cogen Lipton	DEM	0
	Jason Strayhorn	DEM	0
	Tami Carlone	REP	0
	Michelle A. Frederick	REP	0
	Bill Hall	LIB	0
	Richard A. Hewer	LIB	0
	Karen Adams	UST	0
	Douglas Levesque	UST	0
	Mary Anne Hering	WCP	0
	Hali McEachern	WCP	0
	Tom Mair	GRN	0
	Write-in		0

Appendix B
 Antrim County EMS Results from
 Banks Township Case Study

Contest: Regent of the University of Michigan			
Number Of Postions : 2			
Precinct Portion:			
Ballot Manifestation : 0			
Ballot Statistics			
Contest Results			
Overvotes:	<input type="text" value="0"/>		
Undervotes:	<input type="text" value="420"/>		
Blank:	<input type="text" value="210"/>		
Double Votes:	<input type="text" value="0"/>		
Invalid Votes:	<input type="text" value="0"/>		
Writein Overrides:	<input type="text" value="0"/>		
Candidate Results			
Name	Party		Votes
Mark Bernstein	DEM		0
Shauna Ryder Diggs	DEM		0
Sarah Hubbard	REP		0
Carl Meyers	REP		0
James L. Hudler	LIB		0
Eric Larson	LIB		0
Ronald E. Graeser	UST		0
Crystal Van Sickle	UST		0
Michael Mawilai	GRN		0
Keith Butkovich	NLP		0
Write-in			0


Appendix B
 Antrim County EMS Results from
 Banks Township Case Study

Contest: Trustee of Michigan State University			
Number Of Postions : 2			
Precinct Portion:			
Ballot Manifestation : 0			
Ballot Statistics			
Contest Results			
Overvotes:	<input type="text" value="0"/>		
Undervotes:	<input type="text" value="420"/>		
Blank:	<input type="text" value="210"/>		
Double Votes:	<input type="text" value="0"/>		
Invalid Votes:	<input type="text" value="0"/>		
Writein Overrides:	<input type="text" value="0"/>		
Candidate Results			
	Name	Party	Votes
	Brian Mosallam	DEM	0
	Rema Ella Vassar	DEM	0
	Pat O'Keefe	REP	0
	Tonya Schuitmaker	REP	0
	Will Tyler White	LIB	0
	Janet M. Sanger	UST	0
	John Paul Sanger	UST	0
	Brandon Hu	GRN	0
	Robin Lea Laurain	GRN	0
	Bridgette Abraham-Guzman	NLP	0
	Write-in		0

Appendix B
 Antrim County EMS Results from
 Banks Township Case Study

Contest: Governor of Wayne State University		
Number Of Postions : 2		
Precinct Portion:		
Ballot Manifestation : 0		
Ballot Statistics		
Contest Results		
Overvotes:	<input type="text" value="0"/>	
Undervotes:	<input type="text" value="420"/>	
Blank:	<input type="text" value="210"/>	
Double Votes:	<input type="text" value="0"/>	
Invalid Votes:	<input type="text" value="0"/>	
Writein Overrides:	<input type="text" value="0"/>	
Candidate Results		
Name	Party	Votes
Eva Garza Dewaelsche	DEM	0
Shirley Stancato	DEM	0
Don Gates	REP	0
Terri Lynn Land	REP	0
Jon Elgas	LIB	0
Christine C. Schwartz	UST	0
Susan Odgers	GRN	0
Write-in		0

Contest: **County Prosecuting Attorney**
 Number Of Postions : **1**
 Precinct Portion:
 Ballot Manifestation : **0**

 Ballot Statistics

 Contest Results


Overvotes:
 Undervotes:
 Blank:
 Double Votes:
 Invalid Votes:
 Writein Overrides:

 Candidate Results


	Name	Party	Votes
	James L. Rossiter	REP	0
	Write-in		0

Contest: **County Sheriff**
 Number Of Postions : **1**
 Precinct Portion:
 Ballot Manifestation : **0**

 Ballot Statistics

 Contest Results

Overvotes:
 Undervotes:
 Blank:
 Double Votes:
 Invalid Votes:
 Writein Overrides:

 Candidate Results

	Name	Party	Votes
	Daniel S. Bean	REP	0
	Write-in		0

Contest: **County Clerk**
 Number Of Postions : **1**
 Precinct Portion:
 Ballot Manifestation : **0**

Ballot Statistics

Contest Results

Overvotes:
 Undervotes:
 Blank:
 Double Votes:
 Invalid Votes:
 Writein Overrides:

Candidate Results

Name	Party	Votes
Sheryl Guy	REP	0
Write-in		0

Contest: **County Treasurer**
 Number Of Postions : **1**
 Precinct Portion:
 Ballot Manifestation : **0**

Ballot Statistics

Contest Results

Overvotes:
 Undervotes:
 Blank:
 Double Votes:
 Invalid Votes:
 Writein Overrides:

Candidate Results

Name	Party	Votes
Sherry A. Comben	REP	0
Write-in		0

Appendix B

Antrim County EMS Results from
Banks Township Case Study

Contest: **County Register of Deeds**
Number Of Postions : **1**
Precinct Portion:
Ballot Manifestation : **0**

Ballot Statistics

Contest Results

Overvotes:
Undervotes:
Blank:
Double Votes:
Invalid Votes:
Writein Overrides:

Candidate Results

Name	Party	Votes
Patty Niepoth	REP	0
Write-in		0

Contest: **County Drain Commissioner**
Number Of Postions : **1**
Precinct Portion:
Ballot Manifestation : **0**

Ballot Statistics

Contest Results

Overvotes:
Undervotes:
Blank:
Double Votes:
Invalid Votes:
Writein Overrides:

Candidate Results

Name	Party	Votes
Mark Stone	REP	0
Write-in		0

Appendix B
 Antrim County EMS Results from
 Banks Township Case Study

Contest: **County Surveyor**
 Number Of Postions : **1**
 Precinct Portion:
 Ballot Manifestation : **0**

↓ Ballot Statistics

↑ Contest Results

Overvotes:
 Undervotes:
 Blank:
 Double Votes:
 Invalid Votes:
 Writein Overrides:

↑ Candidate Results

	Name	Party	Votes
	Scott Papineau	REP	0
	Write-in		0

Appendix B

Antrim County EMS Results from
Banks Township Case Study

Contest: **County Commissioner 1st District**
Number Of Postions : **1**
Precinct Portion:
Ballot Manifestation : **0**

Ballot Statistics

Contest Results

Overvotes:
Undervotes:
Blank:
Double Votes:
Invalid Votes:
Writein Overrides:

Candidate Results

Name	Party	Votes
Jarris Rubingh	REP	0
Write-in		0

Contest: **Township Supervisor for Banks Township**
Number Of Postions : **1**
Precinct Portion:
Ballot Manifestation : **0**

Ballot Statistics


Contest Results


Overvotes:
Undervotes:
Blank:
Double Votes:
Invalid Votes:
Writein Overrides:

Candidate Results

Name	Party	Votes
Alex Busman	REP	0
Write-in		0

Contest: **Township Clerk for Banks Township**
 Number Of Postions : **1**
 Precinct Portion:
 Ballot Manifestation : **0**

 Ballot Statistics


 Contest Results

Overvotes:
 Undervotes:
 Blank:
 Double Votes:
 Invalid Votes:
 Writein Overrides:

 Candidate Results

Name	Party	Votes
Donna L. Heeres	REP	0
Write-in		0

Contest: **Township Treasurer for Banks Township**
 Number Of Postions : **1**
 Precinct Portion:
 Ballot Manifestation : **0**

 Ballot Statistics

 Contest Results

Overvotes:
 Undervotes:
 Blank:
 Double Votes:
 Invalid Votes:
 Writein Overrides:

 Candidate Results

Name	Party	Votes
Katherine Postmus	NPA	0
Write-in		0

Appendix B
 Antrim County EMS Results from
 Banks Township Case Study


Contest: Township Trustee for Banks Township			
Number Of Postions : 2			
Precinct Portion:			
Ballot Manifestation : 0			
Ballot Statistics			
Contest Results			
Overvotes:	<input type="text" value="0"/>		
Undervotes:	<input type="text" value="420"/>		
Blank:	<input type="text" value="210"/>		
Double Votes:	<input type="text" value="0"/>		
Invalid Votes:	<input type="text" value="0"/>		
Writein Overrides:	<input type="text" value="0"/>		
Candidate Results			
	Name	Party	Votes
	Tom L. Cooper	REP	0
	Anita Hoeksema	NPA	0
	David E. Rasmussen	NPA	0
	Write-in		0


Appendix B

Antrim County EMS Results from
Banks Township Case Study


Contest:	Justice of Supreme Court		
Number Of Postions :	2		
Precinct Portion:			
Ballot Manifestation :	0		
↓ Ballot Statistics			
↑ Contest Results			
Overvotes:	<input type="text" value="0"/>		
Undervotes:	<input type="text" value="420"/>		
Blank:	<input type="text" value="210"/>		
Double Votes:	<input type="text" value="0"/>		
Invalid Votes:	<input type="text" value="0"/>		
Writein Overrides:	<input type="text" value="0"/>		
↑ Candidate Results			
	Name	Party	Votes
	Susan L. Hubbard		0
	Mary Kelly		0
	Bridget Mary McCormack		0
	Kerry Lee Morgan		0
	Katherine Mary Nepton		0
	Brock Swartzle		0
	Elizabeth M. Welch		0
	Write-in		0

Contest: **Judge of Court of Appeals 4th District Incumbent Position**
 Number Of Postions : **2**
 Precinct Portion:
 Ballot Manifestation : **0**

 Ballot Statistics

 Contest Results

Overvotes:
 Undervotes:
 Blank:
 Double Votes:
 Invalid Votes:
 Writein Overrides:

 Candidate Results

	Name	Party	Votes
	Michael J. Kelly		0
	Amy Ronayne Krause		0
	Write-in		0

Appendix B

Antrim County EMS Results from
Banks Township Case Study

Contest:	Judge of Court of Appeals 4th District Non-Incumbent Position		
Number Of Postions :	1		
Precinct Portion:			
Ballot Manifestation :	0		
Ballot Statistics			
Contest Results			
Overvotes:	<input type="text" value="0"/>		
Undervotes:	<input type="text" value="210"/>		
Blank:	<input type="text" value="210"/>		
Double Votes:	<input type="text" value="0"/>		
Invalid Votes:	<input type="text" value="0"/>		
Writein Overrides:	<input type="text" value="0"/>		
Candidate Results			
	Name	Party	Votes
	Michelle Rick		0
	Write-in		0
Contest:	Judge of Circuit Court 13th Circuit Incumbent Position		
Number Of Postions :	1		
Precinct Portion:			
Ballot Manifestation :	0		
Ballot Statistics			
Contest Results			
Overvotes:	<input type="text" value="0"/>		
Undervotes:	<input type="text" value="210"/>		
Blank:	<input type="text" value="210"/>		
Double Votes:	<input type="text" value="0"/>		
Invalid Votes:	<input type="text" value="0"/>		
Writein Overrides:	<input type="text" value="0"/>		
Candidate Results			
	Name	Party	Votes
	Kevin A. Elsenheimer		0
	Write-in		0

Appendix B

Antrim County EMS Results from
Banks Township Case Study

Contest:	Board Member for Charlevoix-Emmet Intermediate School District 6 Year		
Number Of Postions :	3		
Precinct Portion:			
Ballot Manifestation :	0		
↓ Ballot Statistics			
↑ Contest Results			
Overvotes:	<input type="text" value="0"/>		
Undervotes:	<input type="text" value="630"/>		
Blank:	<input type="text" value="210"/>		
Double Votes:	<input type="text" value="0"/>		
Invalid Votes:	<input type="text" value="0"/>		
Writein Overrides:	<input type="text" value="0"/>		
↑ Candidate Results			
	Name	Party	Votes
	Thelma A. Chellis		0
	Jean E. Frentz		0
	Mary P. Jason		0
	Write-in		0

Contest: **Board Member for Charlevoix-Emmet Intermediate School District Partia**
 Number Of Postions : **1**
 Precinct Portion:
 Ballot Manifestation : **0**

Ballot Statistics

Contest Results

Overvotes:
 Undervotes:
 Blank:
 Double Votes:
 Invalid Votes:
 Writein Overrides:

Candidate Results

Name	Party	Votes
Larry Cassidy		0
Write-in		0

Contest: **Board Member for Charlevoix-Emmet Intermediate School District Partia**
 Number Of Postions : **1**
 Precinct Portion:
 Ballot Manifestation : **0**

Ballot Statistics

Contest Results

Overvotes:
 Undervotes:
 Blank:
 Double Votes:
 Invalid Votes:
 Writein Overrides:

Candidate Results

Name	Party	Votes
Write-in		0

Appendix B

Antrim County EMS Results from
Banks Township Case Study

Contest:	School Board Member for Central Lake Schools		
Number Of Postions :	3		
Precinct Portion:			
Ballot Manifestation :	0		
<hr/>			
↓ Ballot Statistics			
<hr/>			
↑ Contest Results			
Overvotes:	<input type="text" value="0"/>		
Undervotes:	<input type="text" value="630"/>		
Blank:	<input type="text" value="210"/>		
Double Votes:	<input type="text" value="0"/>		
Invalid Votes:	<input type="text" value="0"/>		
Writein Overrides:	<input type="text" value="0"/>		
<hr/>			
↑ Candidate Results			
	Name	Party	Votes
	Melanie Eckhardt		0
	Keith Shafer		0
	Write-in		0

Appendix B

Antrim County EMS Results from
Banks Township Case Study

Contest: **State Proposal 20-2**
Number Of Postions : **1**
Precinct Portion:
Ballot Manifestation : **0**

Ballot Statistics

Contest Results

Overvotes:
Undervotes:
Blank:
Double Votes:
Invalid Votes:
Writein Overrides:

Candidate Results

Name	Party	Votes
Yes		0
No		0

Contest: **State Proposal 20-1**
Number Of Postions : **1**
Precinct Portion:
Ballot Manifestation : **0**

Ballot Statistics

Contest Results

Overvotes:
Undervotes:
Blank:
Double Votes:
Invalid Votes:
Writein Overrides:

Candidate Results

Name	Party	Votes
Yes		0
No		0