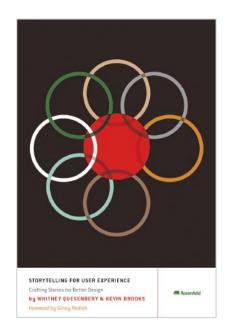
# Democracy as a design problem (to get to a better voter experience)

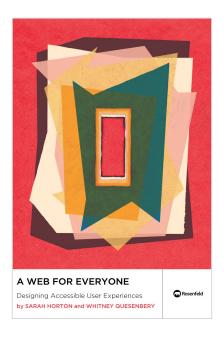
Whitney Quesenbery Center for Civic Design March 30, 2023

Web: civicdesign.org



## Hi. It's great to be here.





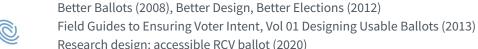






### It's been a long journey from the butterfly ballot



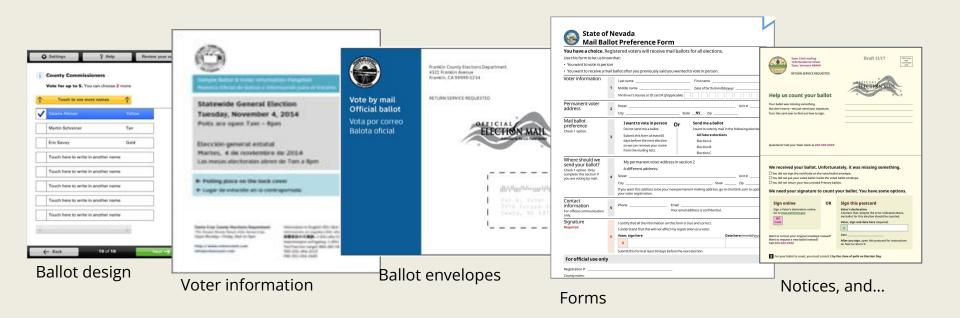


EAC / Design for Democracy Effective Designs for the Administration of Federal Elections (2007)



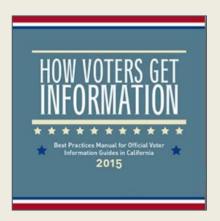
**↑ ↓** 

### We work on making a better voter experience...





### ...based on researched best practices...



## Best practices for ranked choice voting ballots and other materials

A project for FairVote and the Ranked Choice Voting Resource Center

Center for Civic Design Whitney Quesenbery and Taapsi Ramchandani

# How to design VBM envelopes for USPS

#### Use this booklet for:

- an introduction to the elements you'll need to send your vote at home envelopes through USPS.
- best practices and tips related to navigating USPS.
- links to more information and resources.

#### Improving the vote-by-mail experience

Making ballot envelopes clear and understandable: The impact of plain language on voter signature forms

January 19, 2021

Sean Isamu Johnson Whitney Quesenbery Center for Civic Design



### ...created with a lot of time working with voters

















### Field Guides to Ensuring Voter Intent





### Because everyone is a designer

### Government offices

- create all the materials to communicate with voters
- are the face of policy and the voter experience
- for all voters





## What is a design problem?

### This is what a design problem looks like



"It's as if there was a purposeful plan to make voting as unappealing as possible."





Update: We have as received 713,536 absentee ballots (as of 11/9)! 96% are preliminarily valid, of the 4% preliminarily invalid, 40% of that 4% are eligible to be cured!

1:50 PM · Nov 10, 2020 from Manhattan, NY · Twitter for iPhone

Final result: 0.77% rejected ballots

## How do you know when you have fixed a problem?





We worked w/@civicdesign to make instructions clearer & more voter-friendly. This & outreach on the process has resulted in a very low # of defective ballots.

Of the 131,146 early votes cast only 402 have been deemed defective: .003%. Of those over half have been cured! #VTVotes

You can can check the status of your returned #VT #2022Election ballot at mvp.vermont.gov.

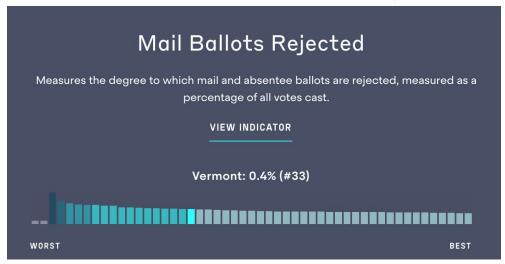
A very small # of voters still have work to do to 'cure' their ballot if it has been deemed defective by the Town Clerk - if this is you, contact your Clerk ASAP! #VTVotes (1/2)

Show this thread

12:00 PM · Nov 2, 2022 · Twitter Web App

### Or reached toward excellence

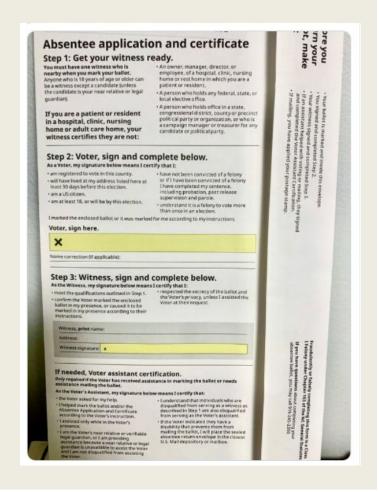
MIT Elections Performance Index 2020 average 0.27%



New Mexico 1.83%

Rhode Island 0.02%





## Civic design is shaped by context

How do all those things come to exist in a specific time, place, and form?

What are the histories that continue to impact the present?

What is the context for a new design?

What is the opportunity in this moment?



107 STAT, 77

Public Law 103-31 103d Congress

#### An Act

To establish national voter registration procedures for Federal elections, and for

May 20, 1993 [H.R. 2]

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

National Voter Registration Act of 1993. Intergovernmental relations. 42 USC 1973gg

42 USC 1973gg.

#### SECTION 1. SHORT TITLE.

This Act may be cited as the "National Voter Registration Act of 1993".

#### SEC. 2. FINDINGS AND PURPOSES.

(a) FINDINGS.—The Congress finds that—

(1) the right of citizens of the United States to vote is a fundamental right:

(2) it is the duty of the Federal, State, and local govern-

ments to promote the exercise of that right; and

(3) discriminatory and unfair registration laws and procedures can have a direct and damaging effect on voter participa-tion in elections for Federal office and disproportionately harm voter participation by various groups, including racial minori-

(b) PURPOSES.—The purposes of this Act are—

(1) to establish procedures that will increase the number of eligible citizens who register to vote in elections for Federal

(2) to make it possible for Federal, State, and local governments to implement this Act in a manner that enhances the participation of eligible citizens as voters in elections for Federal

(3) to protect the integrity of the electoral process; and (4) to ensure that accurate and current voter registration rolls are maintained.

#### SEC. 3. DEFINITIONS.

42 USC 1973gg-1.

As used in this Act-

(1) the term "election" has the meaning stated in section 301(1) of the Federal Election Campaign Act of 1971 (2 U.S.C.

(2) the term "Federal office" has the meaning stated in section 301(3) of the Federal Election Campaign Act of 1971 (2 U.S.C. 431(3)):

(3) the term "motor vehicle driver's license" includes any personal identification document issued by a State motor vehicle authority;

### Civic design is policy made visible

National, state, local policy



Administration



User experience



## Good policies are often badly designed

### **Voter Registration** (Optional)

If you are not registered to vote where you live now, would you like to apply to register to vote here today? ☐ Yes ☐ No
IF YOU DO NOT CHECK EITHER BOX, YOU WILL BE CONSIDERED TO HAVE DECIDED NOT TO REGISTER TO VOTE AT THIS TIME.

To register, you must: 1) Be at least 18 on the day of the next election; 2) Be a citizen of the United States for at least one month PRIOR TO THE NEXT ELECTION; 3) Reside in Pennsylvania and the voting district at least 30 days prior to the next election.

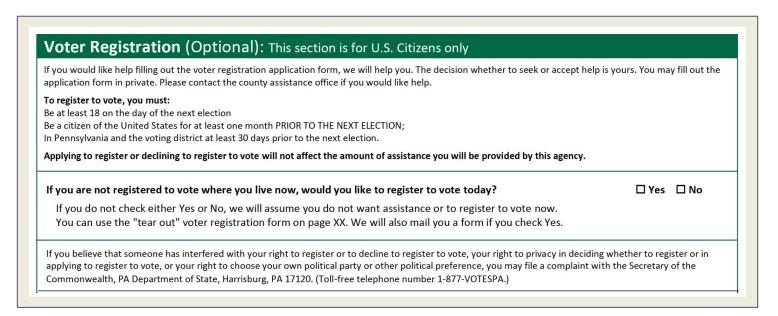
Applying to register or declining to register to vote will not affect the amount of assistance you will be provided by this agency. If you would like help filling out the voter registration application form, we will help you. The decision whether to seek or accept help is yours. You may fill out the application form in private. Please contact the county assistance office if you would like help. If you believe that someone has interfered with your right to register or to decline to register to vote, your right to privacy in deciding whether to register or in applying to register to vote, or your right to choose your own political party or other political preference, you may file a complaint with the Secretary of the Commonwealth, PA Department of State, Harrisburg, PA 17120. (Toll-free telephone number 1-877-VOTESPAL)



### Even tough requirements can be designed well

- Add a meaningful title or other text
- Rearrange the text into a logical order
- Use bullets, bold and other typography

- Make the action more visible
- Put warnings before the question
- Put fine-print legal text at the end,





## The literacy challenge

## 43% of adults in the US read at basic or below basic levels

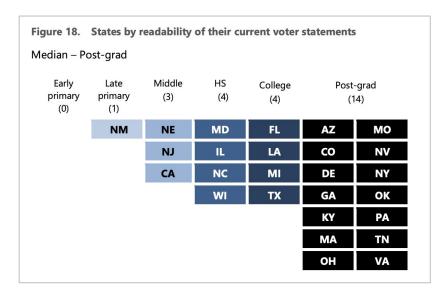
Below	Basic	Intermediate	Proficient
Basic	29%	44%	13%
14%	6 Million	95 Million	28 Million
30 Million	٦		

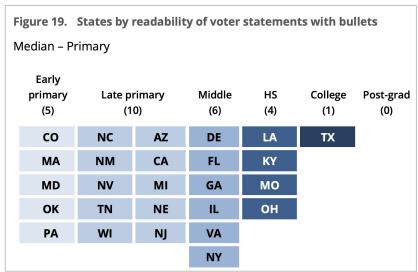
**Basic**: skills necessary to perform simple and everyday literacy activities.

**Below Basic**: no more than the most simple and concrete literary skills.



## It is possible to make legal text easy to read







### Too much legal text looks like this

I, the undersigned, do swear (or affirm) that I am a citizen of the United States and of the State of Georgia; that I possess the qualifications of an elector required by the laws of the State of Georgia; that I am entitled to vote in the precinct containing my residence in the primary or election in which this ballot is to be cast; that I am eligible to vote by absentee ballot; that I have not marked or mailed any other absentee ballot, nor will I mark or mail another absentee ballot for voting in such primary or election; nor shall I vote therein in person; and that I have read and understand the instructions accompanying this ballot; and that I have carefully complied with such instructions in completing this ballot. 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.



### Even bullets make it easier to read.

I, the undersigned, do swear (or affirm)

- that am a citizen of the United States and of the State of Georgia;
- that I possess the qualifications of an elector required by the laws of the State of Georgia;
- that I am entitled to vote in the precinct containing my residence in the primary or election in which this ballot is to be cast;
- that I am eligible to vote by absentee ballot;
- that I have not marked or mailed any other absentee ballot, nor will I mark or mail another absentee ballot for voting in such primary or election; nor shall I vote therein in person; and
- that I have read and understand the instructions accompanying this ballot; and that I have carefully complied with such instructions in completing this ballot.

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.



### Simpler text can be legally sufficient

I swear (or affirm) that

- I am a citizen of the United States and of the State of Georgia.
- I reside at the address where I am registered to vote.
- I am eligible to vote by absentee ballot.
- I have not marked or mailed any other absentee ballot, nor shall I vote in person.
- I have marked and sealed this ballot in private and have not allowed any unauthorized person to observe me voting or how the ballot was voted.
- I will not give this ballot to any person not authorized by law to deliver or return ballots

I understand the instructions and 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.



## We'd like this to be even simpler

I swear (or affirm) that

- I am qualified to vote in Georgia
- I will follow all Georgia's election laws
- I have read and understand the instructions
- I have followed the instructions in completing this ballot.

Voter fraud is a crime in Georgia. Do not accept money to vote for a candidate or issue on the ballot.



## Literacy is more than reading

### Our job is to fill civic literacy gaps

#### **Non-voters**

- Demystifying the act and actions of voting
- Plain language
- Justifying the value of voting
- In-language materials

### **Sometimes voters**

- Simple and clear information about candidates and issues
- Review options for voting

### **Avid everytime voters**

- Complete information
- Information about being a poll worker
- Encouragement to be role models



When I could first vote, I wasn't interested. As the years went by, I didn't think I was smart enough to be a voter. So I just never got started. Now that I've voted twice, I think I'm getting the hang of it.

45-ish year old new voter about why she had never voted. She got interested because a neighbor ran for school board. And her daughter urged her to register.

### Civic literacy gaps include important concepts

- You need to register to vote, in advance
- You don't have to vote on everything on the ballot
- You can get help from a poll worker
- You can't vote after Election Day
- You can vote by mail
- What a primary is

- You don't have to have an appointment to vote
- Registering to vote doesn't sign you up for jury duty
- Election materials may be in available in some languages
- Whether you need an ID to vote
- How to find your polling place



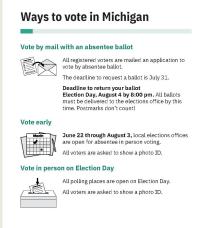
If you:	You can go to:	How you vote:
Registered to vote before the 15-day deadline (May 21, 2018)	Any early voting location or Your polling place	Vote a regular ballot
Are not registered to vote	Your county elections office or designated location	Complete a voter registration form  Vote a CVR provisional ballot
Are registered in another county	Your county elections office (or designated location) where you now live	Complete a voter registration form Vote a CVR provisional ballot
Have moved within the county where you are registered to vote	The polling place for your <b>new</b> address or your county elections office	Complete a voter registration form  Vote a provisional ballot

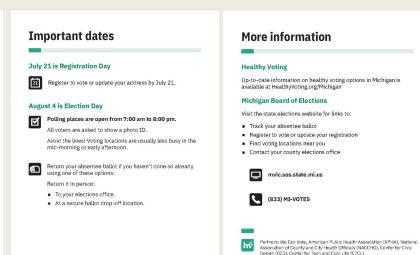
Voters just want to know what to do, not all the details of a complex policy



### Maybe we want less, not more



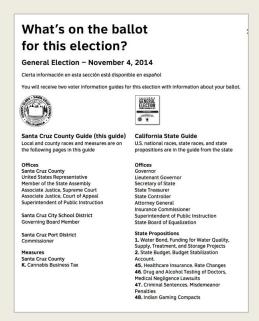


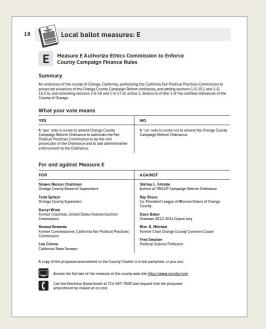


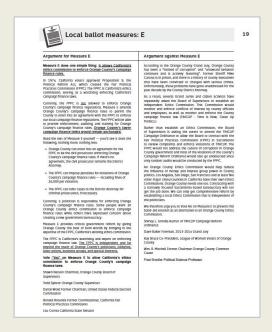


HealthyVoting.org 20

### Deliver information in bites, snacks, and meals







What's on the ballot  $\rightarrow$  Summary of a measure  $\rightarrow$  Details about the measure



## Each artifact is a step along the journey



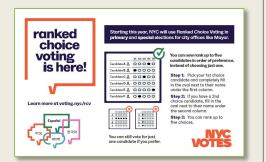




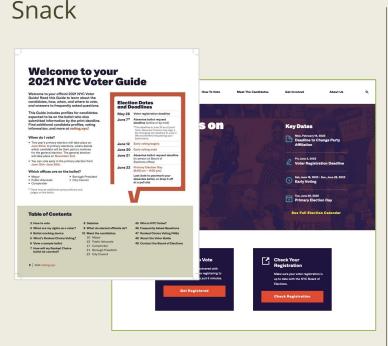


### Move voters across time and media

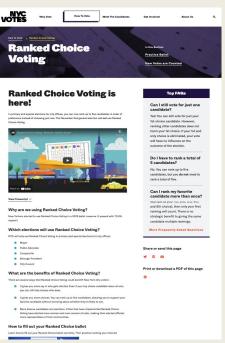
### Bite



Just enough information to take action



### Meal



All the details

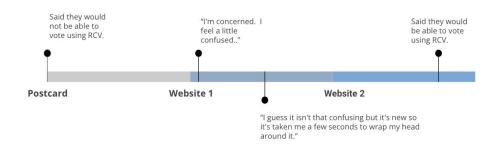


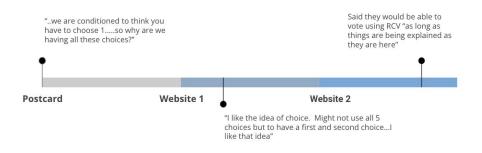
### Move voters through engagement and attitude

"We are conditioned to think you have to choose 1. ... What do you mean, 'more choices?' Aren't we supposed to choose 1?"

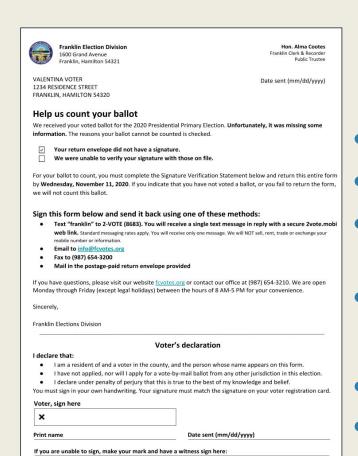


"I like the idea of choice. Might not use all 5 choices but to have a first and second choice...I like that idea"



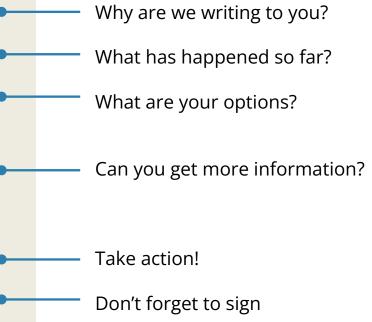






fcvotes.org | (987) 654-3210 | info@fcvotes.org | #FranklinVotes

## **Every transaction is a micro journey**Help voters through the process





# **Explaining new (and complicated) things**

ElectionGuard is an **open source** software development kit (SDK) that makes voting more secure, transparent and accessible.

It is designed for election system vendors to incorporate <u>end-to-end</u> <u>verifiability</u> into their systems and any interested organization to perform and publish <u>post-election audits</u>.

#### It features:

- End-to-end verifiability
- Ballot encryption
- Ballot confirmation
- Challenge ballots
- Key and tally ceremonies

## How to explain ElectionGuard for voters in a pilot election

"Perhaps the first really new technology in elections in 20 years."





With ElectionGuard you know your vote counted, and have independent verification that the election results are correct.

How to vote with ElectionGuard:

- 1. Mark your ballot as usual.
- 2. **Review** your votes on the scanner screen.
- 3. **Cast** your ballot.
- 4. **Take** your confirmation code with you so you can confirm that your vote counted.



### Don't!

Instead we told them what ElectionGuard does, and how they would vote using it.

This was based on testing, where we learned a lot about what gave voters confidence and what *they* wanted to know.







## We thought about a format for the polling place

#### **Goals for voters**

- Basic information in an easy-to-read format
- Explain Confirmation Code and BallotCheck
- Answers to anticipated questions
- A place to put the code to take home
- Small enough to fit in a pocket

#### **Goals for election workers**

- All information in one handout
- Small size so easy to manage at the table
- Reduce the number of questions





## What we learned in 109 exit interviews with voters

They has a strong, positive impression of the technology and saw it as increasing transparency and their confidence.

- "This is more accurate. Other counties have problems and we don't want that here."
- "Glad to have the chance to participate, to be part of something new."
- "Anything that makes the vote more accurate is better."

And they understood how it worked.

- "It helps people know their vote was counted."
- "You get to verify. That makes me feel better."
- "You can test the process to validate the election.
   For non-cheating."



## You create complexity by layering simplicity

#### Jean Erdman, "a dancer moved by myth"

modern dancer and choreographer, director, Theatre of the Open Eye (collaboration with Joseph Campbell, author of *The Hero's Journey*)

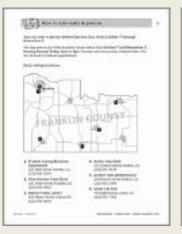
# Design creates invitations to participation

### Make it visual

Can you tell what these pages are about, even without seeing them in focus?



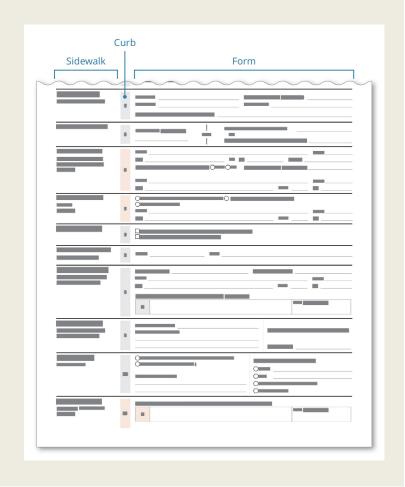












## Visual layout guides voters through a form

Sections signposted on the left With minimal instructions

Form on the right

Separated by a "curb"



## Pocket guides: a snack on one sheet of paper



Commonwealth of Virginia **General Election 2016** 

vote.virginia.gov · (800) 552-9745 · TTY 711



#### Ways to vote

#### At the polls on Election Day



Polls are open on Election Day November 8th, from 6am until 7pm

Look up your polling place:

- On the web: vote.virginia.gov · Call the Virginia Department of Elections at (800) 552-9745
- In person before Election Day



You may qualify to vote early at the voter registration office. Learn more at vote.virginia.gov.

September 23rd until November 5th

#### By mail, as an absentee voter



Request an absentee ballot by November 1st, online at vote.virginia.gov.

Return it by mail, deliver it to the voter registration office, or drop it at your polling place on Election Day.

#### How to mark a ballot

#### To vote on a paper ballot:



Make your selection When you're done.

by filling in the oval scan your ballot. next to your choice(s).

#### To vote on a touchscreen:





on the screen.

Check your votes before you cast your ballot.

- meter telliorneme -

#### Accessible voting

#### **Before Election Day**

Voters with a disability or illness can vote with an absentee ballot by mail or in person before Election Day. Go to vote.virginia.gov to learn more and request your absentee ballot.

#### On Election Day



There are accessible voting systems at each polling place.

If you are 65 or older, or you have a physical disability, you can vote from your vehicle at the polling place on Election Day, Remember to bring a helper with you who can go in to request your curbside assistance

Get help reading or writing from an election officer or your own helper.

#### **Deadlines**



#### October 17th:

Register to vote, or update your address.

If you move, your polling place will change. Be sure to update your voter registration address every time you move.

#### November 1st:

Request that an absentee ballot be mailed to you.

#### November 5th by 5pm:

Vote an absentee ballot, in person, at your local voter registration office.

#### November 8th:

Election Day - polls open 6am to 7pm.



Find out more at vote.virginia.gov or (800) 552-9745 or TTY 711.

PG-NOV16

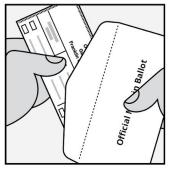


## **Cartoons for visual explanations**



Complete your ballot

Read the instructions and make your selections carefully



Pack and seal it - 1

Put your ballot in the "Official Election Ballot" envelope and seal it



Pack and seal it - 3

Put the "Official Election Ballot" envelope in the larger pre-address return envelope and seal it



Sign and date it

Complete the Voter's Declaration on the ballotreturn envelope

Make sure to sign and date it



Return it

By mail—No postage necessary

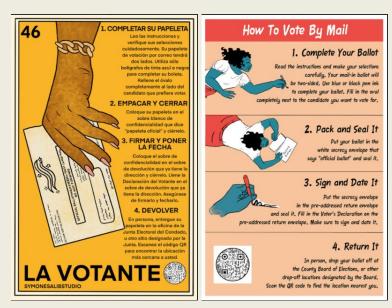
In person—Drop off at your County Board of Elections or at a drop box



## **Consistent message in different contexts**



Tonia Fernandez, supervisor of elections, works with citizens in Erie, Pa. Erie County is a battleground county, and the office is busy ahead of the upcoming election. (Bonnie Jo Mount/The Washington Post)



Posters by local artists engaged by PA Voice



## And a last reminder at the drop box



## Check your envelope. Did you...



Put your ballot inside and seal the envelope?



Have your witness sign and print their address?



Sign your name and print the date?



## Thank you

### **Whitney Quesenbery**

whitneyq@civicdesign.org
Twitter and LinkedIn: whitneyq

civicdesign.org @civicdesign



