NCDIT Technology Strategy Board

Friday, June 17, 2022 | 10:00am—12:00pm

NCDIT | NORTH CAROLINA DEPARTMENT OF INFORMATION TECHNOLOGY

Agenda

Call to Order
Broadband & Digital Equity Updates
Remarks from the Secretary
Committee Reports
- Digital Transformation Committee
  - Progress Reports
- Cybersecurity/Privacy Committee
  - Progress Reports
  - Cyber Education Pathways Update
Other Business
Adjournment

NCDIT
NORTH CAROLINA
DEPARTMENT OF
INFORMATION
TECHNOLOGY

Information Technology Strategy Board
June 17, 2022

N.C. Department of Information Technology
Division of Broadband and Digital Equity Update

NCDIT | NORTH CAROLINA DEPARTMENT OF INFORMATION TECHNOLOGY

Defining Success in Closing the Digital Divide

	N.C. Today	N.C. 2025
Households with high-speed internet access	"95.5%"	98%
Households with high-speed internet subscriptions	73%	80%
Households with children with high-speed internet subscriptions	81%	100%
Adoption rates across racial subgroups		
• Native American	57%	80%
• Black	64%	80%
• Hispanic/Latinx	68%	80%
• White	76%	80%

NCDIT
NORTH CAROLINA DEPARTMENT OF INFORMATION TECHNOLOGY

American Rescue Plan Act Funding

INFRASTRUCTURE

$971M — Ensure availability of internet service at speeds of at least 100/20 Mbps for more than 98% of North Carolina households

$380M — • GREAT Grant ($350M American Rescue Plan Act; $30 State CIF)

$400M — • Completing Access to Broadband (CAB)

$90M — • Stop Gap Solutions

$100M — • Broadband Make Ready Accelerator (Pole Replacement Fund)

$1M — • Broadband Mapping

AWARENESS AND DIGITAL LITERACY

$50M — Improve awareness and enable North Carolinians to realize the benefits of high-speed internet through digital literacy and upskilling aimed at accessing the digital economy

GREAT Grant Application Locations

Application Locations
488.5k

Businesses Served
14k

Total Project Cost
$1,774,876,243.4

Avg. Cost Per Location
$4.8k
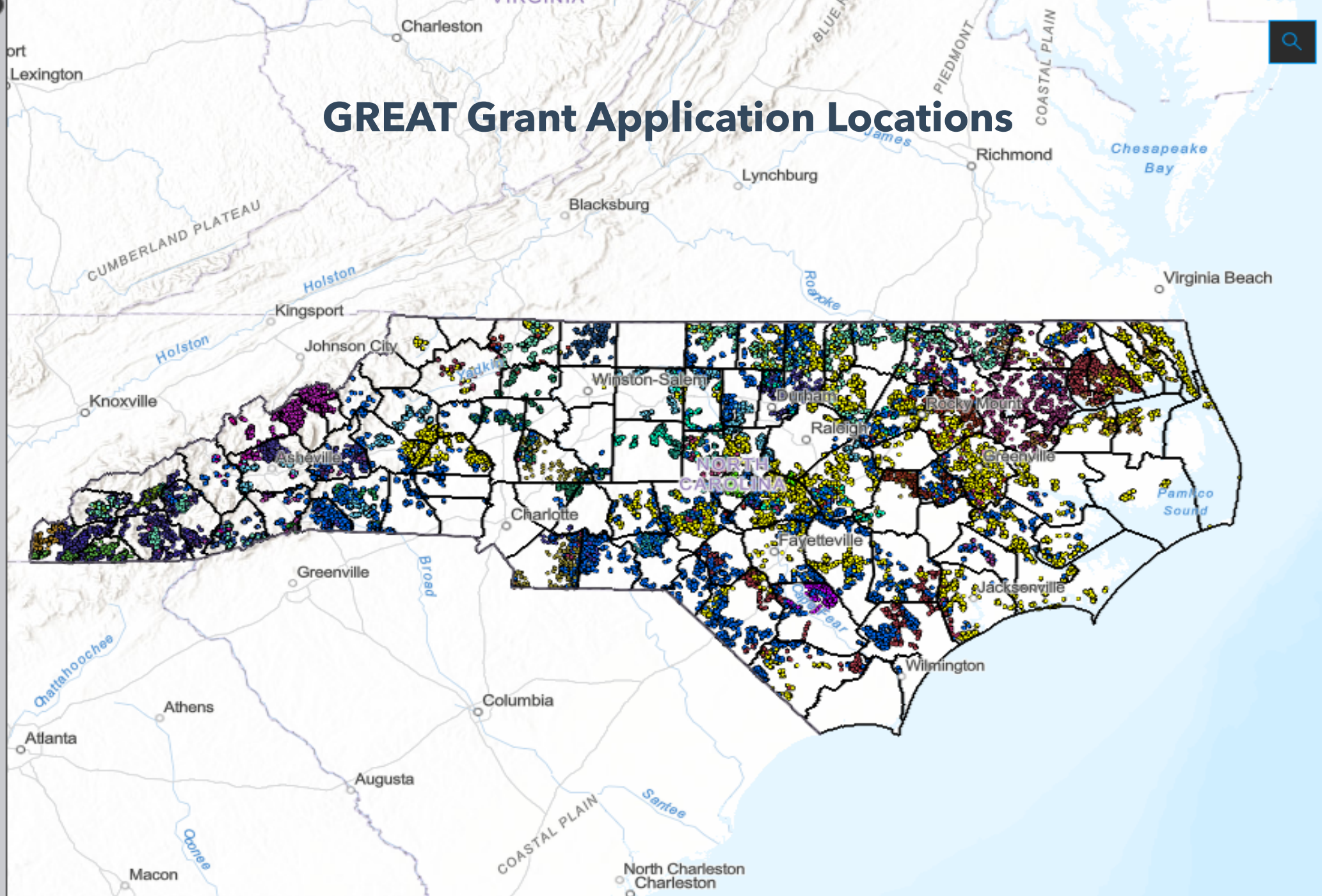Total Cost

Proposed Match Amount
$887M

Broadband and Digital Equity implementation progress

GREAT → Received 305 GREAT grant applications to serve 94 counties

- Applications proposed to serve more than 487,000 businesses and homes
- Protest and public posting close Sunday, June 19; protest review and scoring; awards in July
- Broadband mapping and data lead hired

Completing Access to Broadband → Draft program guidance posted for review in mid-June

- Program to officially launch in 2022 Q3; Program manager hired
- Developing convenience contract, prioritization based on county readiness
- Unfunded GREAT applications

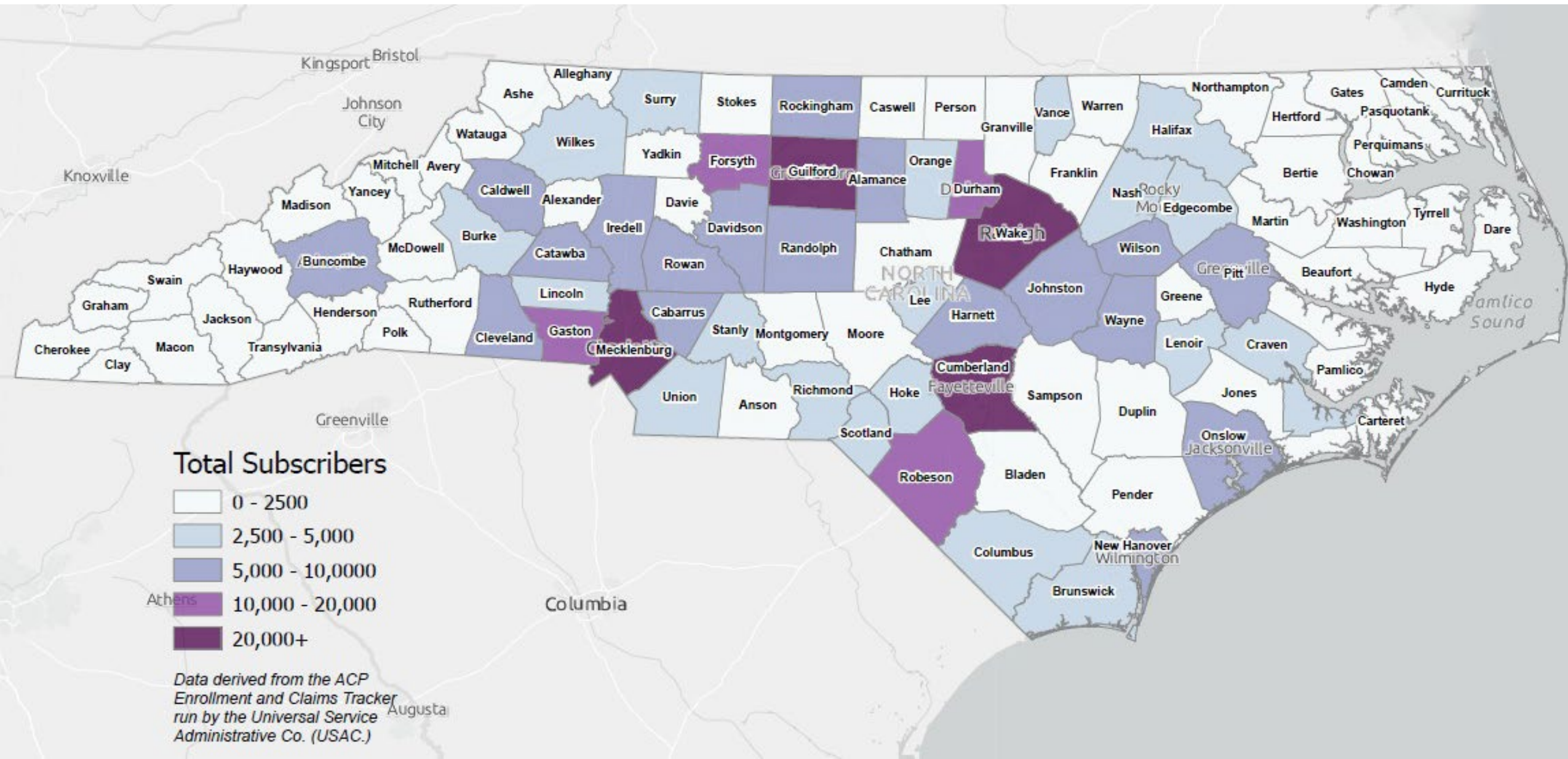Coronavirus Capital Projects Fund application submitted to U.S. Treasury on June 16

Broadband Pole Replacement Program → Posting program manager position

Implementation partner RFP

Office of Digital Equity and Literacy → Director hired; device and digital literacy projects and community grants

NCDIT | NORTH CAROLINA DEPARTMENT OF INFORMATION TECHNOLOGY

Affordable Connectivity Program Enrollment

Total Subscribers

- 0 - 2500
- 2,500 - 5,000
- 5,000 - 10,0000
- 10,000 - 20,000
- 20,000+

Data derived from the ACP Enrollment and Claims Tracker run by the Universal Service Administrative Co. (USAC.)

Bipartisan Infrastructure Law Funding

Program	Total U.S. Funding
FCC's Affordable Connectivity Program • Provides $30 per month subsidy for qualifying households; Up to $75 subsidy for households on Tribal lands • One-time discount of up to $100 for a laptop, tablet or desktop computer (with a co-payment of more than $10 but less than $50) • 20 internet providers now offering $30 high-speed internet monthly plan; details at **getinternet.gov**	$14.2 billion
Broadband Equity, Access, and Deployment (BEAD) Program • High-cost areas ($4.245B), Formula grants ($37.356B) • Initial minimum allocation of $100M per state or territory • Must include affordability component; prohibits exclusion of municipal networks • NC signed on May 16; Initial planning funds application due Aug. 15	$42.45 billion
Enabling Middle Mile Broadband Infrastructure Program • Application opens June 21 • Application closes Sept. 30	$1 billion
Tribal Broadband Connectivity Program	$2 billion
State Digital Equity Planning Grant Program • Planning application or letter of intent due July 12	$60 million
State Digital Equity Capacity Grant Program	$1.44 billion
Digital Equity Competitive Grant Program	$1.25 billion

Bipartisan Infrastructure Law Planning

U.S. Dept. of Commerce issued Notices of Funding Opportunity (NOFOs) (BEAD, Digital Equity planning, Middle Mile)	May 13, 2022
Governor Cooper letter of intent for BEAD	May 16, 2022
Digital equity planning funds application deadline	July 12, 2022
BEAD applications due	Aug. 15, 2022
Internet provider data due to FCC for new maps	Sept. 1, 2022
Digital equity planning funds awards	Sept. 29, 2022
Middle mile competitive grant applications due	Sept. 30, 2022

Remarks from the Secretary
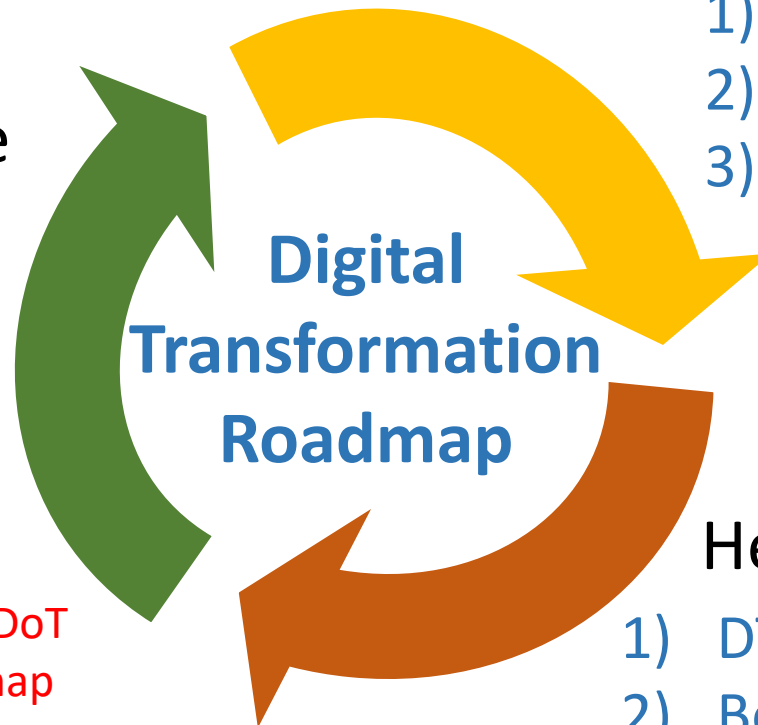
Secretary Jim Weaver, Board Chair

Committee Reports

Digital Transformation Committee

Digital Transformation Committee

Ensure Roadmap statewide
1) Secretary of State insights
2) SoS Transformation efforts
3) DMV/Department of Transportation Transformation efforts

Next up: integrate SoS & DMV/DoT efforts and plans into DT roadmap

Track Progress on Roadmap Elements
1) 90-day progress checks
2) Business One Stop
3) Constituent Portal

Next up: revisiting common and federated identity + chatbot, accessibility

Help Make the Case for DT
1) DT Communication in state
2) Benchmark Private Sector
3) Engage agencies, municipalities,…

Next up: looking into data on cost, staffing, etc.

Digital Transformation Roadmap

NCDIT | NORTH CAROLINA DEPARTMENT OF INFORMATION TECHNOLOGY

Committee Reports

Cybersecurity/Privacy Committee

Cybersecurity/Privacy Committee

- Cyber Education Pathways
  - Primary focus of committee – Patrick Fleming, Keith Werner leading
- Continue to monitor/support NC cybersecurity/privacy efforts
  - Ready to support legislation/funding for efforts

NCDIT | NORTH CAROLINA DEPARTMENT OF INFORMATION TECHNOLOGY

Next Meeting: September 16, 2022

2022 Meeting Dates
- September 16
- December 16

NCDIT

Thank you all for your time this morning—have a great weekend!

NCDIT | NORTH CAROLINA
DEPARTMENT OF
INFORMATION
TECHNOLOGY