

Joint Technology Committee Quarterly Brief

Overview

OIT is advancing the State of Colorado Executive Branch's governance maturity to: reduce risk, better steward taxpayer dollars, and increase resiliency.

Mature Governance
- Technical IT Standards

Reduce risk
- SB26-185 implementation status
- OSA Audit remediation status

Better steward taxpayer dollars
- Software Licensing and Expenditure Discovery
- Tech Debt Report
- Asset Refresh Report
- Active Capital IT Projects

Increase resiliency
- CORE
- Colorado Broadband Office
- Federal Funding Exposure

Mature

Governance

Governance must be the enabling foundation, and that starts with clear policies and standards

SB26-185 Implementation Status

WORK DONE / CURRENT

July-Sept 2026

Templates & Assessments

Stakeholdering with partners, drafting templates, collecting data, building dashboards

Today

JTC Status Update

Sharing v1 of contract registry and dashboard, status update on Risk and Compliance Reports, next steps proposal

FUTURE WORK & ROADMAP

Oct-Dec 2026

Iterate

Continue gathering information for the v1 reports

Jan 2027

Deliver First Version Reports

Deliver v.1 Risk and Compliance Reports in January 2027 to elicit feedback for improvements for final November 2027 reports

2027

Iterate

Iterate on reports and gather current information for November 2027 reports

Nov 2027

Deliver Reports

Deliver final reports for both Risk and Compliance reporting required by SB26-185

We are 20% through a policy and standards review

Each IT policy and standard is being evaluated against the following principles. We have a framework for deciding whether to Retain, Revise, or Remove. All policies and standards will be published transparently in a single location on OIT.Colorado.gov.

Policy & Standards Principles

Clear & Accessible
Written in plain, understandable language.

Coherent
Fits cohesively as part of a system, defined once.

Accountable & Enforceable
Enables compliance monitoring and defines non-compliance consequences.

Justified
Traced directly to risk or strategic objectives.

Proportionate
Ensures the overall benefit outweighs compliance costs.

Least Restrictive
Addresses core concerns while preserving agency room to innovate.

Consultative
Developed in close consultation with implementing agencies.

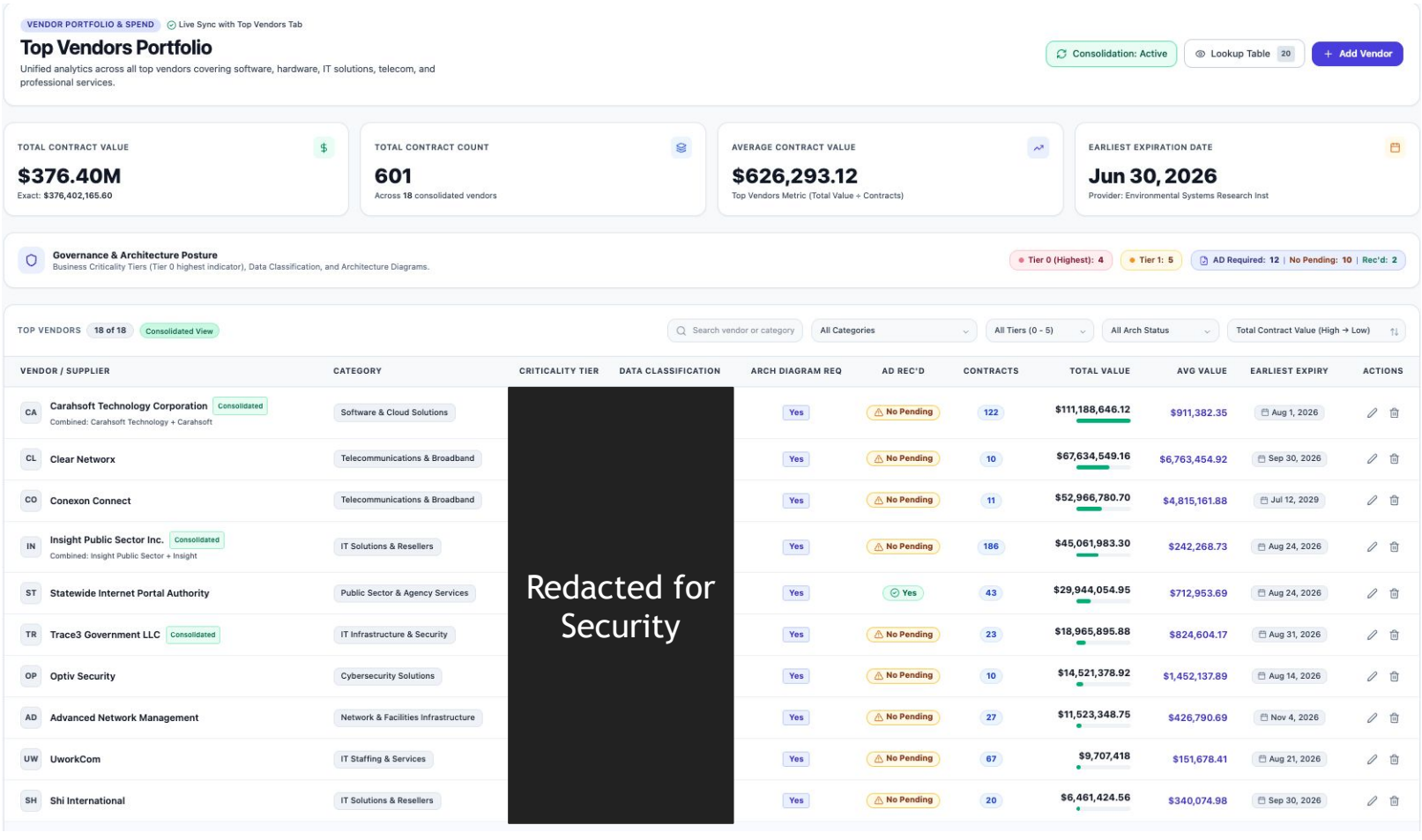
Standards-Based & Automatable
Aligned with national standards; favors automated compliance.

Relevant
Reviewed regularly on a defined cycle; retired when outdated.

Reduce
Risk

Risk is the difference between our policies/standards and reality. Step 1 is visibility.

v1 of the Active Contracts Registry is Complete



OSA Audit Recommendations

6/30 Audit Portfolio	Total	Implemented	Partially Implemented	Not Implemented	N/A
Cybersecurity Resiliency (2551-IT)	85	38	11	35	1
Non-Cybersecurity Resiliency Audit	14	13	1		
Total	**99**	**51**	**12**	**35**	**1**

9/30 Audit Portfolio	Total	Implemented	Partially Implemented	Not Implemented	N/A
Cybersecurity Resiliency (2551-IT)	85	44	7	33	1
Non-Cybersecurity Resiliency Audit	14	14			
Financial Audit	3			3	
Total	**102**	**58**	**7**	**36**	**1**

Timeline

(Cumulative % Complete)

82%

By Dec 31, 2026
Target implementation = 30

98%

By July, 2027
Target implementation = 15

100%

By July, 2028
Target implementation = 2

Better Steward

Taxpayer Dollars

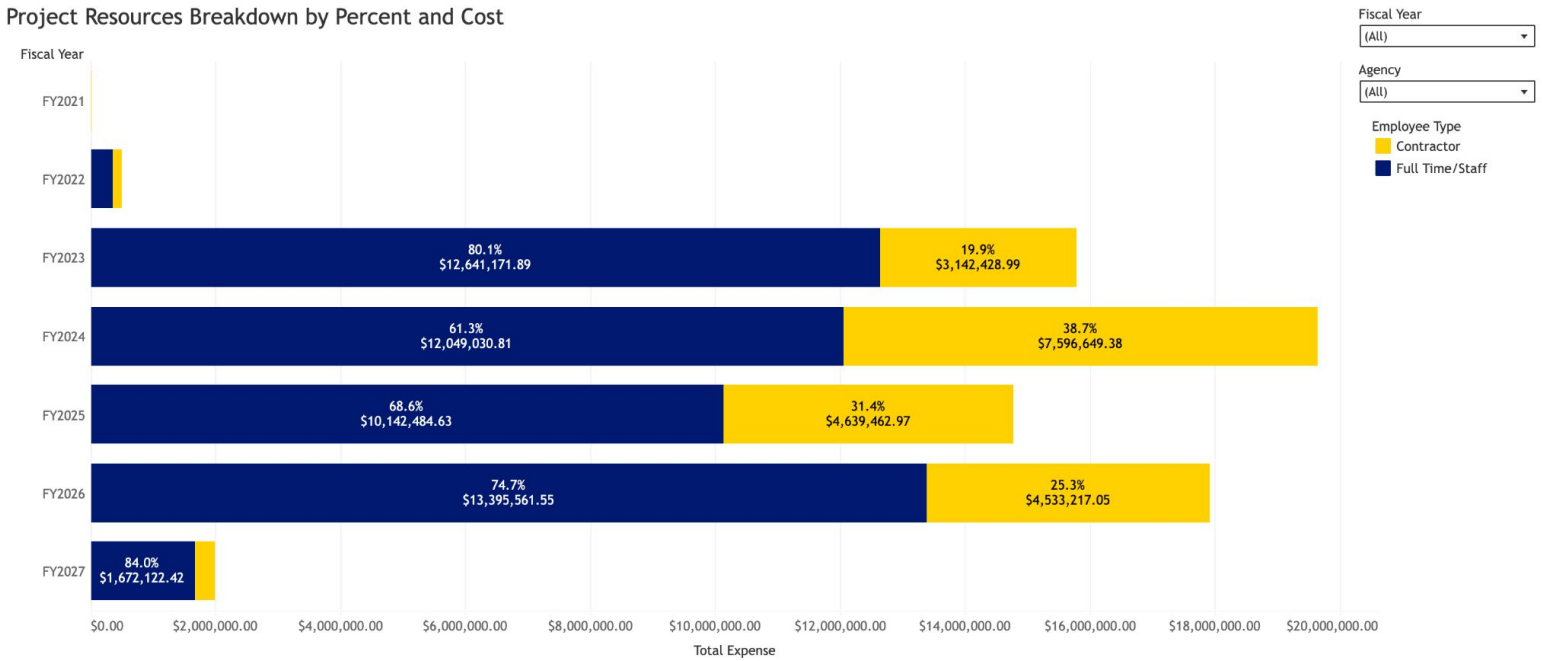
Governance should reduce duplication, maximize existing assets, and make sure we’re investing in the right things

Decreased reliance on contractor costs YoY

As part of the analysis provided in our project breakdown dashboard, there has been significant effort to decrease reliance on contractor costs YoY, shown below

OIT ServiceHub Project Data Analysis for JTC - September 2026

All data visualized was exported from ServiceHub on September 22, 2026. The data tables used for this report were Projects, Time Cards, Users, and Expense Lines.
Please note that there are known data gaps for FY2021 and FY2022 due to the transition from Clarity to ServiceHub. The information for these fiscal years is incomplete in ServiceHub.
Known variance between ServiceHub Project record Actual Cost values and the data shown here is +/- 7% due to irregularities in tracking additional project costs beyond labor.



Opportunity to Consolidate SaaS Purchases

Uncoordinated SaaS purchases create redundancy and opportunity for consolidation and cost savings

Duplicate Cloud Storage

⚠️ **Cost Savings Opportunity**

87,057 OneDrive seats vs. 48,340 Google Drive client installs running concurrently across machines.

Redundant Video Conferencing Tools

⚠️ **33,500+ Redundant Seats**

44,657 Microsoft Teams seats, 20,992 Zoom Workplace installs, and 12,597 Cisco Webex installs.

Specialty Software Installations

⚠️ **Uncoordinated Spend**

The “long tail” accounting for 66,000 specialty installations (e.g., FileZilla FTP, Grammarly).

Asset Refresh: Personal Computer (PC) Inventory

46,846

Total PCs eligible for refresh across OIT-supported state agencies

7,724 (17%)

are designated for lifecycle replacement in FY27

Hardware Category	Aging Out Volume	Primary Deployment	Strategic Lifecycle Profile
Standard Laptops	**8,659 units**	General Workforce	Core mobility standard for general agency operations.
Standard Desktops	**4,248 units**	Stationary / Facility	Dedicated desk workstations and facility-based staff.
High-Performance Laptops	**2,132 units**	GIS, Patrol & Technical	Graphics-intensive, spatial mapping, and rugged field gear.
Standard Chromebooks	**2,075 units**	Light / Kiosk Workflows	Web-based utility computing and temporary access.

Other hardware categories include: tablet, exception desktop, exception laptop, and high-performance desktop which account for a total of 285 aging out devices.

Asset Refresh: End-of-Support Network Devices

Active Network Inventory Baseline

OIT centrally manages network infrastructure across 18 state agencies, core data centers, and the Capitol Complex Network (CCLAN):

- **3,560 Access Points** — Providing agency Wi-Fi connectivity.
- **3,052 Switches** — Connecting localized endpoint infrastructure.
- **892 Routers** — Directing inter-agency & WAN data traffic.
- **247 Firewalls** — Perimeter and internal network security.

1,945 End-of-Support Devices Targeted for Refresh

- **1,566 Access Points:** Largest refresh volume.
- **227 Switches:** Replacing aging and leased switches across high-density agency sites.
- **104 Routers:** Transitioning legacy routing hardware
- **48 Firewalls:** Upgrading to Next-Gen Firewall platforms

Enterprise Network Modernization Drivers: Refreshes align with Network Optimization initiatives—implementing Catalyst Center for centralized monitoring, ThousandEyes for network visibility, and multi-year Cisco/Palo Alto Enterprise Agreements.

Asset Refresh: Server Footprint Reductions

Server Footprint Reduction Trajectory

Physical Server Reduction: Reduced from 408 (FY22) down to 195 (52% reduction) in 2026. A 61-server drop (-24%) achieved in the last year alone.

Annual Reduction Target: Based on FY22-FY26 historic data, we observe approximately 11% year over year server reduction. We apply this metric to project depreciation into FY29 for physical servers.

Virtual Server Footprint: Virtual servers reduced to 1,714 in FY26 (down from 2,414 in FY22), which represents a 29% decrease.

Managed Virtual Phasing: Targeting reductions of 7% in FY27 (-120 servers), 6% in FY28 (-95 servers), and 5.5% in FY29 (-85 servers).

Workload Migration Destinations by Agency

Public Cloud Destinations
CDHS, DOR, CDOT, CDPHE, DNR, DPA, and OIT are transitioning application workloads directly to public cloud infrastructure as physical hosts age out.

On-Premise Virtual Hosts
DOC (53 physical hosts) and CDPS (25 physical hosts) maintain on-premise virtual host destinations due to specialized security, public safety, and correctional facility operational requirements.

OIT is revamping our IT Capital Technical Evaluation

Composite scoring enables robust project ranking across five technical pillars, establishing clear governance and standardized funding decisions.

Strategic Purpose & Governance

- Evaluates state IT investments in parallel with Governor's Office priorities to accelerate strategic goals.
- Employs a **"guide, don't gate"** philosophy.
- **Composite Scoring ranks projects** using weighted distribution across 5 assessment areas.

Standardized Funding Outcomes

Support Approach is credible and fully defined.

Support w/ Changes Conditional approval pending scope/financial adjustments.

Do Not Support Unsuitable, redundant, or high-risk approach.

Insufficient Info Additional data required before determination.

Five Assessment Pillars

1. Architectural Alignment
Compliance with Enterprise IT Governance Framework & shared platforms to reduce duplication.

2. Security Posture & Risk Tiering
Safe-harbor for FedRAMP/GovRAMP solutions; strict review for non-accredited.

3. Vendor & Contract Integrity
Prioritizes pre-approved state vehicles, SLAs, transparent pricing, and open data standards.

4. Iterative Delivery & Product Model
Shifts from legacy "Big Bang" launches to an iterative "Build, Measure, Learn" POD Model.

5. Technical Debt Prioritization
Elevates projects replacing fragile stacks and vulnerabilities, balancing needs against risk.

Summary of Budget vs Actuals as of Aug. 31, 2026 (1/2)

Overall, 10 of 13 IT capital projects are on track

IT Controlled Maintenance Projects	STATE AGENCY	(A) BUDGET	(B) EXPENSES & Encumbrances	PROJECT STATUS
Inspector General Offense Reporting System	Corrections	$510,669	$ -	Initial planning stages
School Finance System Modernization	Education	$3,000,000	$2,757,440	On Time & Within Budget
Social Health Information Exchange Project	Health Care Policy & Finance	$23,220,982	$14,243,148	On Time & Within Budget
Reimagining Colorado's Benefit Management System	Human Services	$4,823,806	$518,868	On Time & Within Budget
Workers' Compensation Database Replacement	Labor and Employment	$36,660,006	$24,825,266	On Time & Within Budget
Human Resources Information System	Personnel & Administration	$955,500	$ -	Initial planning stages (pending feasibility study)

Summary of Budget vs Actuals as of Aug. 31, 2026 (2/2)

IT Controlled Maintenance Projects	STATE AGENCY	(A) BUDGET	(B) EXPENSES & Encumbrances	PROJECT STATUS
Statewide Procurement System	Personnel & Administration	$2,299,500	$574,682	Potential Risk - Schedule & Within Budget
Stationary Sources Modernization	Public Health & Environment	$5,685,169	$1,375,000	On Time & Within Budget
Health Facilities and EMS Modernization	Public Health & Environment	$12,378,706	$8,703,678	Potential Risk - Schedule & Within Budget
Records Utilization Upgrade	Public Safety	$2,564,100	$1,915,125	At-Risk: Delayed & Within Budget
Door Access Control Upgrade	Institutes of Higher Education (Fort Lewis College)	$722,818	$ -	On Time & Within Budget
Campus Security Improvements	Institutes of Higher Education (Otero College)	$234,300	$ -	On Time & Within Budget
Life Safety Technology Modernization	Institutes of Higher Education (University of Northern Colorado)	$1,982,160	$ -	On Time & Within Budget

Three capital IT projects are at risk

Health Facilities and EMS Modernization (CDPHE)

Contract finalization is ongoing; schedule risk should be monitored until execution is complete.

Statewide Procurement System (DPA)

Contractual dependencies are outstanding. Awaiting an amendment to the vendor's NASPO cooperative master agreement to align with the state's 10-year performance period; state redline responses to the IT contract are still undergoing vendor review.

Records Utilization Upgrade (CDPS)

Schedule Delays: Lengthy state-vendor contract negotiations caused an 8-month delay. Overall project status is flagged **Yellow (Not On Time)**, though costs remain within expected budget parameters.

Increase

Resiliency

Governance should result in investments that last

CORE Accounting System Improvements

The Colorado Operations Resource Engine (CORE) team continues to ship new features with positive feedback

Releases & Upgrades

3 Feature Sets

& 10 Interim Releases

Scope Included:

Release note review, testing, training, communications, and support.

New Functionality:

- CORE upgrade Homepages/roles
- Google MFA
- UPDOCs & PB*
- Advantage Asst training

Communication & Support

DPA CORE Newsletter

Positive Feedback Received

Key Information Shared:

- Key dates & milestones
- FAQs & Job Aids
- Helpful hints & tips
- System training resources

Yielded high user satisfaction with new system functionalities made available to date.

Project Status

On Time & On Budget

Project Performance:

This delegated system project improvement effort is meeting all key delivery deadlines while maintaining strict budget alignment.

Status Summary

Operations rolling out smoothly across all planned modules.

We have a roadmap to meet broadband access targets

On the road to 99%: Broadband coverage as of October 2026

114,987 Colorado households lack access to quality high-speed internet

Goal: Households Connected	Current Status:
99%	**96.1%**

Goal: Rural Households Connected	Current Status:
80%	**78.9%**



BEAD Grant Program Overview & Updates

The BEAD program supports last mile broadband grants:

- **Funding Available for Deployment:** $420.6 Million
- **Grant Update:** Fifty five grant agreements executed (late Q2/Q3)
- **Spending Update:** 0.1% of grant funds spent ($750K)
- **Project Status Summary:** All BEAD grants are subject to NEPA and historic review prior to any ground disturbing activities. Grantees are completing environmental and historic reviews
- **New Updates:** NTIA released additional locations and is requiring states to issue a second Benefit of the Bargain (BoB) round.

CPF Grant Program

The Capital Projects Fund supports 45 last mile broadband grants ($112M):

- **Spending Update:** Over 55% of grant funds spent ($64M)
- **Grants in Closeout:** Eight projects have completed construction and are starting closeout. Grantees submit final reconciliations, narrative reports and speed tests prior to CBO releasing retainage.
- **New Updates:** Treasury granted extensions to 6/30/27 for twelve (12) projects. Seventeen (17) mini-grant agreements were signed, most with the end date of 12/31/26.

Digital Connectivity Grant Program (CPF)

On August 17, CBO opened the CPF Digital Grant Program:

- **What it Funds:** Equipment purchases only including laptops, tablets, public Wi-Fi access points, and related hardware that can be lent out to community members, or set up for use on-site.
- **Core Requirement:** All funded projects must directly enable remote access across all three core pillars: work, education, and health monitoring.
- **Current progress:** Over $2.5M requests received. Provisional Awards issued for six grants for a total of $610K.

Advance State & Local Dollars Grant Program

- **Tier 1 - Middle Mile:** Applications received, reviewed and provisionally awarded.
    - **Award Summary:** Nine (9) projects and six (6) unique applicants, $22M awarded.
- **Tier 2 - Last Mile, Short Term Construction, Digital Equity:** Applications received and currently under review. Provisionally awarded applications will be published Q4 2026 and applications will be subject to the appeals process.

State & Local Fiscal Recovery Funds Grant Program

SLFRF Funds (ARPA) support 17 last mile broadband grants ($34.7M):

- **Spending Update:** 82.55% of grant funds spent ($28.7M)
- **Grants in Closeout:** Nine projects have completed the closeout process. Grantees submit final reconciliations, narrative reports and speed tests prior to CBO releasing retainage.
- **New Updates:** 4,945 locations have been served to date. This funding ends on December 31, 2026.

Middle mile strategy toward a statewide framework

- **Public Comment Review:** Closed August 7 for the Draft Middle Mile Due Diligence and Strategic Roadmap Report. CBO is currently reviewing and integrating stakeholder feedback.
- **Strategy focuses on three key pillars:**
  - Statewide asset inventory and gap analysis
  - Feasibility assessment to determine appropriate strategies for the state to address middle-mile connectivity challenges
  - Comprehensive strategic plan and implementation framework
- **Stakeholder Engagement:** Collaborative approach to secure broad stakeholder support
- Webinar and stakeholder input survey held in May

Federal changes forced a pivot

01. ALLOCATION

$826.5M

Specific to the Colorado Broadband Office, the federal government allocated **$826.5 million** to Colorado from the Broadband Equity Access and Deployment (BEAD) program for broadband development, administered by OIT.

02. POLICY NOTICES

June 6, 2025

The National Telecommunications and Information Administration (NTIA) released a BEAD Restructuring Policy Notice requiring structural changes to the BEAD program.

Sept. 3, 2026

NTIA released a BEAD Supplemental Deployment Policy Notice requiring states to issue an additional Benefit of the Bargain Round.

03. RE-APPLICATION

~$800M + $51.6M

To comply with NTIA guidelines, CBO rescinded preliminary BEAD awards and re-applied in 2025.

CBO is now preparing to issue the additional required application round for BEAD.

Further federal instability is a real risk

01. INFRASTRUCTURE & GOAL AT RISK

Delays in Guidance

To date, NTIA has not issued non-deployment guidance to states. These funds could be used for supporting Colorado's middle mile infrastructure or digital access programs. Additionally, it is possible that access to non-deployment funds may be contingent on states' policies on technology related programs (i.e. AI)

Without the investment of existing federal funding or other alternate funding sources available to the state, the middle mile broadband infrastructure plan could be in jeopardy.

02. GOVERNANCE & VIABILITY

Long-Term Impact

Colorado could continue to experience fragmented and inefficient governance and middle mile operations.

Colorado will not be able to prioritize hundreds of miles of missing infrastructure.

HR1 penalties create indirect funding risks

01. FUNDING MECHANISM

Indirect Impact

Agency long bill payments and Real-time Billing (RtB) sustain core technology systems.

Federal cuts force agencies to divert funds from tech maintenance & development just to cover base costs.

02. AT-RISK FUNDS

$27.6M – $28.5M

- **FY 2027:** $27.6M in total federal funds allocated within payments to OIT long bill allocation.
- **FY 2028:** $28.5M in total federal funds allocated within payments to OIT long bill allocation.

Represents the maximum annual risk to technology federal funding.

03. PROGRAM DELIVERY

Services at Risk

Threatens underlying technology systems powering critical state programs.

Key Impacted Programs:

- **CDHS-SNAP**
- **HCPF-Medicaid**

Overall

OIT is making meaningful progress to improve governance, reduce risk, steward resources, and enable resilience in service to Colorado.


Questions?

Appendix

OIT Budget Request - SB26-185 Vendor List

Summary of Request from Joint Technology Committee

Pursuant of SB26-185 Enhance Security of Office of Information Technology (OIT), the Governor's Office of Information Technology (OIT) must develop a list of all active IT vendor contracts, and make this list available to state agency IT leadership and the Joint Technology Committee (JTC). State agencies must provide vendor information to the OIT. The bill requires that the OIT submit a one-time IT budget request to the JTC for the cost of developing the list, and may use the TRPR if more money is needed to implement and maintain the list.

Proposed Solution

The Governor’s Office of Information Technology (OIT) assessed the additional workload required to develop the vendor contract list, as stated in SB26-185. At this time, it is estimated that the OIT can accomplish this work using existing resources.

Fiscal Impact of Solution

The Governor’s Office of Information Technology (OIT) proposes a $0 funding request for FY 2027-28 and beyond for maintaining a list of active IT vendor contracts for the State of Colorado.

Broadband Acronyms Defined

CPF - *Capital Projects Fund*	**BEAD -** *Broadband, Equity, Access, Deployment*
CBO - *Colorado Broadband Office*	**FCC -** *Federal Communications Commission*
NTIA - *National Telecommunications and Information Administration*	**SLFRF -** *State and Local Fiscal Recovery Fund*
ISP - *Internet Service Provider*	**Mbps -** *Megabytes Per Second*
HCSM - *High Cost Support Mechanism*	**BoB -** *Benefit of the Bargain*
ARPA- *American Rescue Plan Act*	**IIJA -** *Infrastructure Investment & Jobs Act*

Benefit of the Bargain (BoB) Round 2 Process

- **June 6, 2025** NTIA published the BEAD Restructuring Policy Notice:
  - July 7 - July 21 - Colorado Broadband Office (CBO) launched the Benefit of the Bargain round.
- **August 22 - August 29, 2025** - Public Comment period for Final Proposal.
- **September 4, 2025** - CBO submitted Final Proposal to NTIA.
- **December 2, 2025** - NTIA had 90 days to review the Final Proposal; approval received December 2.
- **September 2026** - NTIA announced an additional "true-up" application round.
- ***Current Activities:*** CBO is executing grant agreements for projects approved in the Final Proposal and preparing documentation for the "True Up Round"

Benefit of the Bargain Final Proposal Approvals

- **Applications Funded: 92**
  - 97,155 broadband serviceable locations
- **Total Investment: Approx. $638M**
  - $420.6 Million Awarded
  - + $166.6M in matching funds
  - + $51M total Colorado match
- **Final Proposal is available on our website**

Benefit of the Bargain True Up Round

On September 3, 2026, the NTIA issued a Supplemental Deployment Policy Notice requiring a second "Benefit of the Bargain" true-up round under the BEAD program

- **Initial review** (30 days)
  - The state reviews an NTIA provided location list and removes locations covered by existing state or federal funding commitments.
- **Additional Funding Designation** (NTIA)
  - NTIA allocates additional funding amount based on the state's average per-location cost from its original Final Proposal.
- **Publication and challenge windows** (7 days, then 30 days)
- **Challenge documentation review** (30 days)
- **Second Benefit of the Bargain Round** (180 days)
  - The state has 90 days to run the second Benefit of the Bargain round, then will submit a deployment plan and budget modification request for NTIA review.

CBO Community Outreach

- CBO hosted five Regional Permitting Roundtables Across Colorado
- CBO Quarterly Stakeholder Roundtables
- Email suggestions and questions to: Advance_CBO@state.co.us
- CBO Newsletter
- Social
  - X: @CO_Broadband
  - LinkedIn
- CBO in the News