# JOINT BUDGET COMMITTEE



## STAFF FIGURE SETTING FY 2019-20

# CAPITAL CONSTRUCTION INFORMATION TECHNOLOGY PROJECTS

JBC WORKING DOCUMENT - SUBJECT TO CHANGE
STAFF RECOMMENDATION DOES NOT REPRESENT COMMITTEE DECISION

Prepared By: Kevin Neimond, JBC Staff March 14, 2019

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### **OVERVIEW**

Pursuant to Section 2-3-1704 (11)(a), C.R.S., the Joint Technology Committee is tasked with producing a written report setting forth recommendations, prioritization, findings, and other comments with respect to each information technology budget request submitted for consideration by the executive branch for inclusion in the capital construction section of the Long Bill. The report must be submitted to the Joint Budget Committee by February 15<sup>th</sup> of each year. The Joint Budget Committee is required to consider the prioritized list of information technology budget requests made by the Joint Technology Committee. If the Joint Budget Committee alters the determinations of priority established by the Joint Technology Committee, it is required to notify the Joint Technology Committee of the changes and allow for a joint meeting of the two committees to discuss the differences.

### SUMMARY OF STAFF RECOMMENDATIONS

In deference to the legislative process for capital construction information technology projects and the role of the Joint Technology Committee, Joint Budget Committee staff does not typically make recommendations on the prioritization of individual projects. For FY 2019-20, staff recommends that the Joint Budget Committee appropriate money for the state-funded capital construction information technology projects to the extent that funding is available.

### SUMMARY OF JOINT TECHNOLOGY COMMITTEE RECOMMENDATIONS

The Joint Technology recommends five tiers of state-funded capital construction information technology projects and one tier of cash-funded projects. These projects total \$34.2 million total funds, including \$19.1 million General Fund, for FY 2019-20. For reference, the FY 2018-19 Long Bill appropriation for capital construction information technology projects is \$30.9 million total funds, including \$15.2 million General Fund. The following tables summarizes the Joint Technology Committee's recommendations to the Joint Budget Committee. Brief descriptions of each project are included in the section following this table.

IMITTEE RECOMMENDATIONS TO THE ${ m J}$	OINT BUDGET (	COMMITTEE
FY 2019-20		
Droiect Title	Total	GENERAL
PROJECT TILE	Funds	Fund
Joint Agency Interoperability*	\$2,320,949	\$2,320,949
Health IT Roadmap Initiatives	11,508,333	1,150,833
-	\$13,829,282	\$3,471,782
Data Center Strategic IT Infrastructure Needs	\$5,264,000	\$5,264,000
Technology and Communications Upgrades	550,000	475,000
Technology Infrastructure	585,422	570,422
OAHP Database and Systems Modernization	518,026	393,026
	\$6,917,448	\$6,702,448
Improving Student Access to Technology	\$527,845	\$475,061
Technology Infrastructure	636,846	636,846
Colorado Crisis System Enhancements*	1,590,225	1,590,225
	FY 2019-20 PROJECT TITLE  Joint Agency Interoperability* Health IT Roadmap Initiatives  Data Center Strategic IT Infrastructure Needs Technology and Communications Upgrades Technology Infrastructure OAHP Database and Systems Modernization  Improving Student Access to Technology Technology Infrastructure	PROJECT TITLE  TOTAL FUNDS  Joint Agency Interoperability*  Health IT Roadmap Initiatives  11,508,333  \$13,829,282  Data Center Strategic IT Infrastructure Needs Technology and Communications Upgrades Technology Infrastructure 585,422 OAHP Database and Systems Modernization  518,026  \$6,917,448  Improving Student Access to Technology \$527,845 Technology Infrastructure 636,846

JOINT TECHNOLOGY COM	MITTEE RECOMMENDATIONS TO THE J	OINT BUDGET (	COMMITTEE
	FY 2019-20		
TIER AND AGENCY	Project Title	Total	GENERAL
TIERAND AGENCI	TROJECT TITLE	Funds	Fund
Public Safety	CCIB System Replacement*	2,205,000	2,205,000
Tier 3 Subtotal		<i>\$4,959,916</i>	\$4,907,132
Tier 4			
University of Northern Colorado	Secure Cyber Network	\$1,488,706	\$1,488,706
CSU-Ft. Collins	Network Refresh and Upgrade	724,590	724,590
Tier 4 Subtotal		\$2,213,296	\$2,213,296
Tier 5			
Pikes Peak Community College	Campus Emergency Notification and Power	\$524,865	\$524,865
CSU-Pueblo	Communications System Upgrades	1,300,067	1,300,067
Tier 5 Subtotal		\$1,824,932	\$1,824,932
Cash-funded Projects			
Labor and Employment	COSTIS System Replacement*	\$2,785,277	\$0
Personnel and Administration	CARS System Replacement*	1,625,610	0
Cash-funded Projects Subtotal		\$4,410,887	\$0
Grand Total		\$34,155,761	\$19,119,590

<sup>\*</sup>Money appropriated for this project is subsequently reappropriated (transferred) to the Governor's Office of Information Technology to fulfill the major information technology project requirements, pursuant to Sections 24-37.5-105 (4) and (4.5), C.R.S.

### PROJECT SUMMARIES

### Tier 1 (Two Projects)

Joint Agency Interoperability (Human Services, OSPB Priority #1): The Joint Technology Committee recommends an appropriation of \$2.3 million General Fund for the final phase of a five phase project for the Department of Human Services to standardize all existing information technology systems the agency uses in an effort to allow the data contained in the systems to be made available without removing the data from the core systems. The solution is creating interfaces to access the data directly rather than exporting data from the core systems for import into other systems. Prior appropriations for this project totaled \$33.2 million total funds, including \$3.3 million General Fund. The ongoing costs for operating expenses are \$1.3 million total funds annually.

#4): The Joint Technology Committee recommends an appropriation of \$11.5 million total funds, including \$1.2 million General Fund, for the second phase of a three phase project for the Office of eHealth Innovation to implement initiatives of the Colorado Health IT Roadmap for a variety of purposes, including data quality improvement, reporting upgrades, integrating cost and quality data, and using information technology to benefit coordination of care. Prior appropriations for this project totaled \$6.6 million total funds, including \$1.9 million General Fund. The final appropriation request is slated to equal \$4.5 million total funds and be submitted for consideration for FY 2020-21.

### Tier 2 (Four Projects)

DATA CENTER STRATEGIC IT INFRASTRUCTURE NEEDS (OFFICE OF INFORMATION TECHNOLOGY, OSPB PRIORITY #3): The Joint Technology Committee recommends an

appropriation of \$5.3 million General Fund for the final phase of a two phase project for the Governor's Office of Information Technology to repair the Lakewood Data Center. Prior appropriations for this project totaled \$5.1 million General Fund. The ongoing costs for operating expenses are projected to rise from \$0.8 million total funds to \$1.3 million total funds annually beginning in FY 2020-21.

**TECHNOLOGY AND COMMUNICATIONS UPGRADES (OTERO JUNIOR COLLEGE, CCHE IT PRIORITY #1):** The Joint Technology Committee recommends an appropriation of \$550,000 total funds, including \$475,000 General Fund, for Otero Community College to replace computers and monitors, laptops, and iPads, as well as to implement an audio emergency notification system.

TECHNOLOGY INFRASTRUCTURE (LAMAR COMMUNITY COLLEGE, CCHE IT PRIORITY #3): The Joint Technology Committee recommends an appropriation of \$585,422 total funds, including \$570,422 General Fund, for Lamar Community College to upgrade its instructional technology, office and classroom computer systems, servers, telephones, and digital signage.

**OAHP DATABASE AND SYSTEMS MODERNIZATION (HISTORY COLORADO, OSPB PRIORITY #8):** The Joint Technology Committee recommends a one-time appropriation of \$518,026 total funds, including \$393,026 General Fund, for History Colorado to build a customized web application system to support the needs of Office of Archeology and Historic Preservation (OAHP) programs. Much of the business of the Office is conducted on paper creating information management challenges. The ongoing costs for operating expenses are projected to be \$93,570 annually.

### Tier 3 (Four Projects)

IMPROVING STUDENT ACCESS TO TECHNOLOGY (COMMUNITY COLLEGE OF AURORA, CCHE IT PRIORITY #3): The Joint Technology Committee recommends an appropriation of \$527,845 total funds, including \$475,061 General Fund, for the Community College of Aurora to replace servers supporting computer labs and to upgrade the school's wireless infrastructure.

**TECHNOLOGY INFRASTRUCTURE (TRINIDAD STATE JUNIOR COLLEGE, CCHE IT PRIORITY #5):** The Joint Technology Committee recommends an appropriation of \$636,846 General Fund for Trinidad State Junior College to replace and upgrade its network infrastructure, including wireless network capabilities, disaster recovery systems, and video surveillance equipment.

COLORADO CRISIS SYSTEM ENHANCEMENTS (HUMAN SERVICES, OSPB PRIORITY #2): The Joint Technology Committee recommends a one-time appropriation of \$1.6 million General Fund for the Department of Human Services to create a single crisis record system for the behavioral health hotline and service providers to standardize basic clinical documentation and coordinate responses between hotline callers and crisis interventions. Additionally, the project plan calls for developing a downloadable app for users to instant message hotline providers, to link users with resources and referral services, and to give providers tools to track patient engagement with community based services. The Department submitted a companion operating expenses budget request for \$2.5 million for 3.6 full-time employees. The ongoing costs for operating expenses beginning in FY 2020-21 are projected to be \$1.4 million and 3.0 FTE annually.

**CCIB SYSTEM REPLACEMENT (PUBLIC SAFETY, OSPB PRIORITY #6):** The Joint Technology Committee recommends a one-time appropriation of \$2.2 million General Fund for the Department of Public Safety to replace the Colorado Community Corrections Information and Billing System (CCIB). The technology CCIB is built on is outdated and cannot be effectively updated or patched. The ongoing costs for operating expenses are projected to be \$222,222 annually.

### Tier 4 (Two Projects)

SECURE CYBER NETWORK (UNIVERSITY OF NORTHERN COLORADO, CCHE IT PRIORITY #2): The Joint Technology Committee recommends an appropriation of \$1.5 million General Fund for the University of Northern Colorado to purchase new network and security infrastructure.

**NETWORK REFRESH AND UPGRADE (CSU-FT. COLLINS, CCHE IT PRIORITY #8):** The Joint Technology Committee recommends an appropriation of \$724,590 General Fund for Colorado State University-Fort Collins to replace or upgrade edge switches, core backbone routers and switches, and core backbone firewalls.

### Tier 5 (Two Projects)

CAMPUS EMERGENCY NOTIFICATION AND POWER (PIKES PEAK COMMUNITY COLLEGE, CCHE IT PRIORITY #6): The Joint Technology Committee recommends an appropriation of \$524,865 General Fund for Pikes Peak Community College to install emergency audible and visual alert notification devices in hallways, indoor open spaces, and the outdoor areas near building entrances on its three campuses. Additionally, the recommended appropriation includes funding to install power infrastructure to support the notification system.

**COMMUNICATIONS SYSTEM UPGRADES (CSU-PUEBLO, CCHE IT PRIORITY #7):** The Joint Technology Committee recommends an appropriation of \$1.3 million General Fund for Colorado State University-Pueblo to install a new phone system, upgrade data closets and cabling, and install generators in two campus buildings.

### Cash-funded Projects (Two Projects)

**COSTIS SYSTEM REPLACEMENT (LABOR AND EMPLOYMENT, OSPB PRIORITY #5):** The Joint Technology Committee recommends a one-time appropriation of \$2.8 million cash funds from the Petroleum Storage Tank Fund and the Petroleum Cleanup and Redevelopment Fund for the Department of Labor and Employment to modernize the Colorado Storage Tank Information System (COSTIS). COSTIS is over 18 years old and is found to have a series of vulnerabilities stemming from system components that are no longer supported by the vendor. The ongoing costs for operating expenses are projected to rise from \$30,000 cash funds to \$55,000 cash funds annually beginning in FY 2020-21.

CARS SYSTEM REPLACEMENT (PERSONNEL AND ADMINISTRATION, OSPB PRIORITY #7): The Joint Technology Committee recommends a one-time appropriation of 1.6 million cash funds from the Fleet Management Fund for the Department of Personnel to replace the Colorado Automotive Reporting System (CARS) with an off-the-shelf Fleet Information Management System (FIMS). CARS, which is used to track all state fleet vehicles through their life cycle from acquisition to disposal,

is 21 years old and no longer supported by the Governor's Office of Information Technology. The ongoing costs for operating expenses are projected to be \$130,000 annually.

### APPENDIX A: JTC ORIGINAL RECOMMENDATIONS

Sen. Nancy Todd, Chair Sen. Jeff Bridges Sen. Jack Tate Rep. Jonathan Singer, Vice-Chair Rep. Mark Baisley Rep. Brianna Titone



### **Joint Technology Committee**

State Capitol Building, Room 029 Denver, Colorado 80203-1784 (303) 866-3521



February 20, 2019

Senator Dominick Moreno Chair, Joint Budget Committee 200 East 14<sup>th</sup> Avenue, Third Floor Denver, Colorado 80203

Dear Senator Moreno,

The Joint Technology Committee (JTC) is pleased to forward its funding recommendation for the FY 2019-20 information technology (IT) capital projects. At its meeting on February 19, 2019, the JTC considered 16 IT capital projects pursuant to Joint Rule 45 and Section 2-3-1704 (11)(a), C.R.S.

The JTC is recommending, in priority order, funding for 12 projects, as shown in Attachment A. This includes 10 state-funded projects and two cash-funded projects, for a total of \$15.1 million state funds and \$15.0 million cash fund and federal funds spending authority. If additional funds are available for FY 2019-20, the JTC strongly recommends that the JBC consider funding four additional state-funded higher education projects, for a total of \$7.0 million state funds.

The JTC requests that the JBC fund the listed projects in priority order. If, during deliberations, the JBC considers changing the order, cost, or scope of the priority recommendation, the JTC requests that the two committees meet to discuss these changes, subject to Section 2-3-203 (1)(b.1)(I)(C), C.R.S.

### **Cash-Funded Recommendation**

The JTC is recommending cash funds spending authority for two state department projects. These projects total \$4,410,887 for FY 2019-20.

### **State-Funded Recommendation**

The JTC is recommending state funding for 10 projects, consisting of six state department projects and four higher education projects. The projects total \$25,706,646 for FY 2019-20, and \$7,346,377 for FY 2020-21, as shown in Figure 1. A General Fund transfer of \$15,081,362 is necessary to fully fund the JTC's recommendation for FY 2019-20.

# Figure 1 Summary of FY 2019-20 State-Funded Recommendation With Subsequent Year Impact

Fiscal Year	Total Cost	Capital Construction Fund	Cash Funds/ Federal Funds
FY 2019-20	\$25,706,646	\$15,081,362	\$10,625,284
FY 2020-21	\$7,346,377	\$3,061,377	\$4,285,000

**Explanation of JTC state-funded recommendation.** The November 1, 2019, recommendation made by the Governor's Office of State Planning and Budgeting (OSPB) reflected a \$12,924,033 General Fund transfer for IT capital projects. The JTC recommendation increases the required General Fund transfer amount by \$2.2 million. The decision by the JTC to recommend a larger General Fund transfer for FY 2019-20 allowed it to prioritize four higher education projects for funding.

The JTC recommendation encompasses all of the projects prioritized for funding by OSPB. The JTC also recommends funding for four higher education projects submitted for consideration by the Colorado Commission on Higher Education (CCHE). However, the JTC's recommendation makes a number of modifications to the lists submitted by OSBP and CCHE in the fall of 2018.

### **Budget Request Recommendation Details**

The JTC is recommending, in priority order, funding for 12 projects, as shown in Attachment A. Short descriptions of these projects are included in Attachment B.

The JTC compartmentalized the projects considered into five tiers, plus cash-funded projects. The JTC is recommending funding all projects through tier 3.

The projects included in tier 1, the Department of Human Services Joint Agency Interoperability project and the Office of eHealth Innovation Health IT Roadmap Initiatives, are continuation projects that include substantial federal matching funds.

Tier 2 includes the following projects:

- infrastructure improvements to the Lakewood Data Center by the Governor's Office of Information Technology to ensure that the data center remains operational;
- the Otero Junior College and Lamar Community College projects, which the JTC elected to recommend for funding due to matching funds contributed by the colleges and because of their rural locations; and
- the History Colorado Office of Archaeology & Historic Preservation Database and Systems Modernization project, which will result in substantial cost savings and efficiencies.

Tier 3 includes the following projects:

• the Community College of Aurora (CCA) and Trinidad State Junior College (TSJC) projects, which the JTC elected to recommend for funding due to CCA's contribution of institution cash funds and TSJC's remote location:

- the Department of Human Services Colorado Crisis System Enhancement project to improve service coordination within the behavioral health crisis system, which the JTC decided to recommend for funding due to the project's health, life, and safety component; and
- the Department of Public Safety project to replace the Community Corrections Information Billing (CCIB) system; however, the JTC has several concerns related to this project, as discussed below.

**Concerns related to the CCIB project.** The committee recommends funding the replacement of the CCIB system to address issues with the system. However, the committee has concerns with the solution and timeline proposed by the department. The JTC recommends that the department conduct additional research based on the JTC's discussions with the department to ensure that private information stored in the system remains secure.

Higher education project funding if available. Although not included in the JTC's funding recommendation, if additional funding should be made available for FY 2019-20 projects, the JTC strongly recommends funding the four higher education projects included in tiers 4 and 5 for a total of \$7,028,291 in state funds. The JTC believes in the importance of providing funding for institutions of higher education, especially as these institutions and their students increase their reliance on technology. In the absence of state support, the burden of these costs fall to the students at these institutions, adding to the already increasing costs of higher education.

If you have any questions or concerns about the JTC's recommendations, please call Luisa Altmann, Legislative Council Staff, at 303-866-3518.

Sincerely,	
Senator Nancy Todd, Chair	Representative Jonathan Singer, Vice-Chai
Senator Jeff Bridges	Representative Mark Baisley
Senator Jack Tate	 Representative Brianna Titone

### FY 2019-20 Information Technology Capital Budget Recommendation

Listed in JTC priority order

JTC	OSPB				Capital		Federal	
	Priority	Agency	Project Title	Project Type	Construction Fund	Cash Funds	Funds	Total
Recomr	nended	for funding						
Cash-fur	ided proj	ects						
1	5	Labor and Employment	COSTIS System Replacement	New	\$0	\$2,785,277	\$0	\$2,785,277
2	7	Personnel and Administration	CARS System Replacement	New	0	1,625,610	0	\$1,625,610
			Subtotal, Cash-Funded Projects Recommer	nded for Funding by JTC	\$0	\$4,410,887	\$0	\$4,410,887
Tier 1								
3	1	Human Services	Joint Agency Interoperability	Continuation (5/5)	2,320,949	0	0	\$2,320,949
4	4	Office of eHealth Innovation	Health IT Roadmap Initiatives	Continuation (2/3)	1,150,833	0	10,357,500	\$11,508,333
Tier 2								
5	3	Office of Information Technology	Data Center Strategic IT Infrastructure Needs	Continuation (2/2)	5,264,000	0	0	\$5,264,000
6	49*	Otero Junior College	Technology and Communications Upgrades	Previously requested	475,000	75,000	0	\$550,000
7	53*	Lamar Community College	Technology Infrastructure	Previously requested	570,422	15,000	0	\$585,422
8	8	History Colorado	OAHP Database and Systems Modernization	New	393,026	125,000	0	\$518,026
Tier 3								
9	52*	Community College of Aurora	Improving Student Access to Technology	New	475,061	52,784	0	\$527,845
10	56*	Trinidad State Junior College	Technology Infrastructure	Previously requested	636,846	0	0	\$636,846
11	2	Human Services	Colorado Crisis System Enhancements	New	1,590,225	0	0	\$1,590,225
12	6	Public Safety	CCIB System Replacement	New	2,205,000	0	0	\$2,205,000
	_		Subtotal, State-Funded Projects Recommer	nded for Funding by JTC	\$15,081,362	\$267,784	\$10,357,500	\$25,706,646
			Grand Total, Projects Recommer	nded for Funding by JTC	\$15,081,362	\$4,678,671	\$10,357,500	\$30,117,533

Recomr	nended	for funding, if funding is avai	lable					
Tier 4								
13	50*	University of Northern Colorado	Secure Cyber Network	New	1,488,706	0	0	\$1,488,706
14	59*	CSU-Ft. Collins	Network Refresh and Upgrade	New	724,590	0	0	\$724,590
Tier 5								
15	57*	Pikes Peak Community College	Campus Emergency Notification and Power	Previously requested	524,865	0	0	\$524,865
16	58*	CSU-Pueblo	Communications System Upgrades	New	4,290,130	0	0	\$4,290,130
			Subtotal, Projects Recommende	ed if Funding is Available	\$7,028,291	\$0	\$0	\$7,028,291

<sup>\*</sup>Prioritized for funding alongside other non-information technology higher education capital construction projects, which are considered by the Capital Development Committee.

### APPENDIX B: JTC REVISED RECOMMENDATIONS

Rep. Jonathan Singer, Vice-Chair Rep. Mark Baisley Rep. Brianna Titone



### **Joint Technology Committee**

State Capitol Building, Room 029 Denver, Colorado 80203-1784 (303) 866-3521



February 25, 2019

Senator Dominick Moreno Chair, Joint Budget Committee 200 East 14<sup>th</sup> Avenue, Third Floor Denver, Colorado 80203

Dear Senator Moreno,

On February 22, 2019, the Joint Technology Committee (JTC) voted to revisit the prioritized IT capital recommendation it made to the Joint Budget Committee during its meeting on February 19, 2019. A revised priority list is included as Attachment A, for your reference. A General Fund transfer of \$19.1 million is necessary to fully fund the JTC's revised recommendation for FY 2019-20.

The committee made the following changes to its priority recommendation:

- 1. Revises the total project funding request for CSU-Pueblo to \$1.3 million for FY 2019-20, with the goal of having the original \$4.3 million request phased over two years.
- Fully fund all projects in tiers 4 and 5, in addition to the projects in tiers 1 through 3 that were originally recommended for funding, to address the JTC's commitment to fund higher education priorities.

If you have any questions or concerns about the JTC's recommendations, please call Luisa Altmann, Legislative Council Staff, at 303-866-3518.

Sincerely,

Senator Nancy Todd, Ch

# Revised FY 2019-20 Information Technology Capital Budget Recommendation Listed in JTC priority order

mended for funding  moded projects  5 Labor and Employment COSTIS System Replacement New  7 Personnel and Administration CARS System Replacement New  7 Personnel and Administration CARS System Replacement New  7 Personnel and Administration CARS System Replacement New  8 Joint Agency Interoperability Continuation (2/3)  9 Office of Information Technology Data Center Strategic IT Infrastructure Needs Continuation (2/3)  9 Office of Information Technology Data Center Strategic IT Infrastructure Needs Continuation (2/2)  9 Office of Information Technology Infrastructure Needs Perviously requested Strategic Auror College Technology Infrastructure Previously requested Community College of Aurora Improving Student Access to Technology Infrastructure New New Strategic Statem Enhancements New New Strategic Statem Enhancements New New New Strategic Statem Enhancements New New Strategic Statem Enhancements New New Strategic Statem Enhancement New New New Strategic Statem Enhancement New New Strategic Statem Enhancement New New Strategic Statem Enhancement New New Substrategic Statem Enhancement New New New Strategic Statem Enhancement New New New Substrategic Statem Enhancement New New New Substrategic Statem Enhancement New New New Substrategic Statem Strategic Recommended for Funding by JTC Grand Total, State Funded Projects Recommended for Funding by JTC Grand Total, State Strategic Recommended for Funding by JTC Grand Total, State Strategic Recommended for Funding by JTC Grand Statem Strategic System Enhancement New New New New Strategic Strategic S	J.	OSPB	~			Capital		- tr		,
Recommended for funding           Cash-funded projects         Cash-funded projects         Cash-funded projects           1         7         Leabor and Employment         COSTIS System Replacement         New         50         82,786.277         \$0           1         7         Leabor and Employment         CARIS System Replacement         New         0         1625.610         0           1         1         Leabor and Employment         CARIS System Replacement         New         0         1625.610         0           1         1         Leabor and Employment         CARIS System Replacement         New         0         1625.610         0           3         1         Human Services         Joint Agency Interoperability         Continuation (58)         1,150,833         0         10,357,500         \$           4         4         Office of Information Technology         Learn Technology and Communications Upgrades         Continuation (23)         1,150,833         0         10,357,500         \$           5         4.9*         Other Office of Health Treadman         Technology infrastructure         Interviously requested         575,000         0         15,000         0           6         4.9*         Other Offinade Orise System Replacement<	Priority	Priorit		Project Title		Fund	Cash Funds	Funds	Total	Cost?
Caseh-funded projects           1         5         Labor and Employment         COSTIS System Replacement         New         \$6         \$2,785,277         \$0           2         7         Personnel and Administration         CARS System Replacement         New         \$6         \$2,785,277         \$6           Ther 1         5         Labor and Employment         CARS System Replacement         New         \$6         \$4,410,887         \$6           Ther 2         3         The number of cell reliability innovation         Health IT Readmap Initiatives         Continuation (2/3)         1,150,833         0         0         10,337,500         \$6           5         3         Office of Information Technology         Technology and Communications Upgrades         Previously requested         475,000         75,000         0         0           6         49°         Otero Junior College         Technology Infrastructure         Previously requested         475,000         75,000         0         0           76-7         Lamar Community College         Technology Infrastructure         Previously requested         475,000         75,000         0         0           8         8         History Colorando         Chall Patrial Market         Technology Infrastructure	Recom	nended	for funding							
1         5         Labor and Employment         COSTIS System Replacement         New         SD         \$2,785,277         \$50           7         7         Personnel and Administration         CARS System Replacement         New         0         1,625,610         0           7         7         Personnel and Administration         Subtotal, Cash-Funded Projects Recommended for Funding by JTC         \$6         \$4,410,687         \$9           7         3         1         Human Services         Joint Agency Interoperability         Continuation (2/3)         1,150,833         0         10,357,500 \$         \$           7         3         1         Human Services         Joint Agency Interoperability         Continuation (2/3)         1,150,833         0         10,357,500 \$         \$           6         49*         Office of Information Technology and Communications Upgrades         Previously requested         475,000         7         5,000         0         7           6         49*         Other Junior College         Technology Infrastructure         Previously requested         475,000         7         7         7         7         53*         Lamar Community College         Technology Infrastructure         New         475,000         7         7         7	Cash-fui	nded pro	ijects							
2         7         Personnel and Administration         CARS System Replacement         New         0         1,625,610         0           Ther 1         There are a commonity college         Subtotal, Cash-Funded Projects Recommended for Funding by JTC         \$0         \$4,410,887         \$0           Ther 2         A         A         Office of levelath innovation         Health TR Roadmap Initiatives         Continuation (2/3)         1,150,833         0         10,337,500         \$4           5         3         Office of Information Technology         Data Center Strategic IT Infrastructure Needs         Continuation (2/3)         1,150,833         0         10,337,500         \$5           6         49*         Other of Information Technology         Data Center Strategic IT Infrastructure         Previously requested         5,284,000         0         10,337,500         \$6           7         53*         Lamar Community College         Technology infrastructure         Previously requested         570,422         15,000         0         0           8         8         History Colorado         OAHP Database and Systems Modernization         New         475,602         75,000         0         0           10         56*         Trinidad State Junior College         Technology Infrastructure <td< td=""><td>-</td><td>5</td><td>Labor and Employment</td><td>COSTIS System Replacement</td><td>New</td><td>0\$</td><td>\$2,785,277</td><td>0\$</td><td>\$2,785,277</td><td>2</td></td<>	-	5	Labor and Employment	COSTIS System Replacement	New	0\$	\$2,785,277	0\$	\$2,785,277	2
Tier 1	2	7	Personnel and Administration	CARS System Replacement	New	0	1,625,610	0	\$1,625,610	2
Titler 1           3         1 Human Services         Joint Agency Interoperability         Continuation (5/5)         2,320,948         0         0           7 Feet         4         Office of Health Innovation         Health IT Roadmap Initiatives         Continuation (2/3)         1,150,833         0         10,357,500           5         3         Office of Information Technology Data Center Strategic IT Infrastructure         Previously requested         475,000         75,000         0         0           6         4.9* Otero Junior College         Technology Infrastructure         Previously requested         475,000         75,000         0         0           7         55* Lamar Community College         Technology Infrastructure         Previously requested         475,000         75,000         0         0           7         55* Lamar Community College of Aurora         Improving Student Access to Technology         New         475,001         57,040         0         0           10         56* Trinidad State Junior College         Technology Infrastructure         Previously requested         475,001         57,040         0         0           11         2         Human Services         Colorado Crisis System Enhancements         New         722,505,000         0         0<				Subtotal, Cash-Funded Projects Recommer	nded for Funding by JTC	0\$	\$4,410,887	\$0	\$4,410,887	
3         1         Human Services         Joint Agency Interoperability         Continuation (5/5)         2,220,949         0         0           7         4         4         Office of Lehealth Innovation         Health IT Roadmap Initiatives         Continuation (5/5)         1,150,833         0         10,357,500         \$           5         3         Office of Information Technology         Data Center Strategic IT Infrastructure Needs         Continuation (2/2)         5,264,000         7         0	Tier 1									
4         4         Office of eHealth Innovation         Health IT Roadmap Infilatives         Continuation (23)         1,150,833         0         10,357,500         \$6           5         3         Office of Information Technology         Data Center Strategic IT Infrastructure Needs         Continuation (22)         5,264,000         0         0         0           6         49*         Otero Junior College         Technology Infrastructure         Previously requested         475,000         75,000         0         0           7         53*         Lamar Community College         Technology Infrastructure         Previously requested         570,422         15,000         0           9         52*         Community College         Technology Infrastructure         Previously requested         57,264,000         0         0           10         56*         Trinidad State Junior College         Technology Infrastructure         Previously requested         536,846         0         0         0           11         2         Human Services         Colorado Crisis System Enhancement         New         1,488,706         0         0         0           12         6         Public Safety         CCIB System Replacement         New         1,488,706         0         0 <td>3</td> <td>+</td> <td>Human Services</td> <td>Joint Agency Interoperability</td> <td>Continuation (5/5)</td> <td>2,320,949</td> <td>0</td> <td>0</td> <td>\$2,320,949</td> <td>2</td>	3	+	Human Services	Joint Agency Interoperability	Continuation (5/5)	2,320,949	0	0	\$2,320,949	2
Titler 2         3         Office of Information Technology         Data Center Strategic IT Infrastructure         Needs         Continuation (2/2)         5,264,000         0         0           6         49*         Otero Junior College         Technology and Communications Upgrades         Previously requested         475,000         75,000         0           7         53*         Lamar Community College         Technology Infrastructure         Previously requested         475,001         75,000         0           7         53*         Lamar Community College         Technology Infrastructure         Previously requested         570,422         15,000         0           716**3         A History Colorado         OAHP Database and Systems Modernization         New         475,061         52,784         0           10         56*         Trinidad State Junior College         Technology Infrastructure         Previously requested         52,784         0         0           11         2         Human Services         Colorado Crisis System Enhancements         New         1,580,225         0         0           12         6         Public Safety         CCIB System Replacement         New         1,488,706         0         0           14         56*         Titled A<	4	4	Office of eHealth Innovation	Health IT Roadmap Initiatives	Continuation (2/3)	1,150,833	0	10,357,500	\$11,508,333	Yes
5         3         Office of Information Technology         Data Center Strategic IT Infrastructure Needs         Continuation (2/2)         5,284,000         0         0           7         53*         Lamar Community College         Technology and Communications Upgrades         Previously requested         475,000         75,000         0           8         8         History Colorado         OAHP Database and Systems Modernization         New         393,026         125,000         0           7         55*         Lamar Community College         Technology Infrastructure         Previously requested         570,422         15,000         0           9         52*         Community College of Aurora         Improving Student Access to Technology         New         475,061         52,784         0           10         56*         Trinidad State Junior College         Technology Infrastructure         Previously requested         636,846         0         0           11         2         Human Services         Colorado Crisis System Enhancements         New         1,590,225         0         0           17er4         5         Pulio Satety         CCIB System Replacement         New         1,248,706         724,550         0           16         57*         Pikes Pea	Tier 2									
49*         Otero Junior College         Technology and Communications Upgrades         Previously requested         475,000         75,000         0           53*         Lamar Community College         Technology Infrastructure         Previously requested         570,422         15,000         0           8         History Colorado         OAHP Database and Systems Modemization         New         475,061         52,784         0           52*         Community College         Technology Infrastructure         Previously requested         636,846         0         0           56*         Trinidad State Junior College         Technology Infrastructure         New         475,061         5,784         0           2         Human Services         Colorado Crisis System Enhancement         New         1,590,225         0         0           6         Public Safety         CCIB System Replacement         New         1,488,706         0         0           50*         University of Northern Colorado         Secure Cyber Network Refresh and Upgrade         New         1,488,706         0         0           59*         CSU-Ft. Collins         Network Refresh and Upgrades         New         1,300,087         0         0           58*         CSU-Pueblo         Communi	5	3	Office of Information Technology	Data Center Strategic I	Continuation (2/2)	5,264,000	0	0	\$5,264,000	Š
53*         Lamar Community College         Technology Infrastructure         Previously requested         570,422         15,000         0           8         History Colorado         OAHP Database and Systems Modemization         New         475,061         52,784         0           52*         Community College         Technology Infrastructure         Previously requested         636,846         0         0           56*         Trinidad State Junior College         Technology Infrastructure         New         475,061         52,784         0           2         Human Services         Colorado Crisis System Enhancements         New         1,580,225         0         0         \$5           6         Public Safety         CCIB System Replacement         New         1,488,706         0         0         \$5           50*         University of Northern Colorado         Secure Cyber Network         New         724,590         0         0         \$5           50*         University of Northern Colorado         Secure Cyber Network         New         724,590         0         0         \$5           50*         CSU-F. Collins         Network Refresh and Upgrade         New         1,300,067         0         0         \$5           58*	9	49*	Otero Junior College	Technology and Communications Upgrades	Previously requested	475,000	75,000	0	\$550,000	Yes
5         History Colorado         OAHP Database and Systems Modemization         New         393,026         125,000         0           52*         Community College of Aurora         Improving Student Access to Technology         New         475,061         52,784         0         0           56*         Trinidad State Junior College         Technology Infrastructure         New         1,590,225         0         0         5           2         Human Services         Colles System Replacement         New         1,590,225         0         0         5           6         Public Safety         CCIB System Replacement         New         1,488,706         0         0         5           50*         University of Northern Colorado         Secure Cyber Network         New         1,248,706         0         0         5           50*         University of Northern Collins         Network Refresh and Upgrade         New         724,590         0         0         5           50*         CSU-Ft. Collins         Network Refresh and Upgrade         New         1,300,067         0         0         5           58*         CSU-Pueblo         Communications System Upgrades         New         1,300,067         0         0         0	7	53*	Lamar Community College	Technology Infrastructure	Previously requested	570,422	15,000	o	\$585,422	S S
52*         Community College of Aurora         Improving Student Access to Technology         New         475,061         52,784         0           56*         Trinidad State Junior College         Technology Infrastructure         Previously requested         636,846         0         0         0         0         81           2         Human Services         Colorado Crisis System Enhancements         New         1,590,225         0         0         81           5         Public Safety         CCIB System Replacement         New         2,205,000         0         0         81           50*         University of Northern Colorado         Secure Cyber Network         Network Refresh and Upgrade         New         724,550         0         0         81           59*         CSU-Ft. Collins         Network Refresh and Upgrade         New         724,550         0         0         6         81           57*         Pikes Peak Community College         Communications System Upgrades         New         1,300,067         0         0         6         81           58*         CSU-Pueblo         Communications System Upgrades         New         1,300,067         0         0         0         0         6         81         6         4,67	8	8	History Colorado		New	393,026	125,000	0	\$518,026	2
52*         Community College of Aurora         Improving Student Access to Technology         New         475,061         52,784         0           56*         Trinidad State Junior College         Technology Infrastructure         Previously requested         636,846         0         0         5           2         Human Services         Colorado Crisis System Enhancements         New         1,590,225         0         0         \$           50*         Public Safety         CCIB System Replacement         New         1,488,706         0         \$         \$           50*         University of Northern Colorado         Secure Cyber Network         New         1,488,706         0         \$         \$           50*         CSU-Ft. Collins         Network Refresh and Upgrade         New         724,590         0         0         \$           57*         Pikes Peak Community College         Campus Emergency Notification and Power         Previously requested         524,865         0         0         \$           58*         CSU-Pueblo         Communications System Upgrades         New         1,300,067         0         0         \$           58*         CSU-Pueblo         Subtotal, State-Funded Projects Recommended for Funding by JTC         \$19,119,590         \$4,	Tier 3									
56* Trinidad State Junior College         Technology Infrastructure         Previously requested         636,846         0         0           2         Human Services         Colorado Crisis System Enhancements         New         1,590,225         0         0           6         Public Safety         CCIB System Replacement         New         1,488,706         0         0           50*         University of Northern Colorado         Secure Cyber Network         New         1,488,706         0         0           59*         CSU-Ft. Collins         Network Refresh and Upgrade         New         724,590         0         0           57*         Pikes Peak Community College         Campus Emergency Notification and Power         Previously requested         524,865         0         0           58*         CSU-Pueblo         Communications System Upgrades         New         1,300,067         0         0           58*         CSU-Pueblo         Communications System Upgrades         New         1,300,067         0         0           58*         CSU-Pueblo         Communications State-Funded Projects Recommended for Funding by JTC         \$19,119,590         \$4,678,671         \$10,357,500         \$	6	52*	Community College of Aurora	Improving Student Access to Technology	New	475,061	52,784	0	\$527,845	No.
2         Human Services         Colorado Crisis System Enhancements         New         1,590,225         0         0           6         Public Safety         CCIB System Replacement         New         2,205,000         0         0           50*         University of Northern Colorado         Secure Cyber Network         Network Refresh and Upgrade         New         724,590         0         0           59*         CSU-Ft. Collins         Network Refresh and Upgrade         New         724,590         0         0           57*         Pikes Peak Community College         Campus Emergency Notification and Power         Previously requested         524,865         0         0           58*         CSU-Pueblo         Communications System Upgrades         New         1,300,067         0         0           58*         CSU-Pueblo         Communications System Upgrades         New         1,300,067         0         0           58*         CSU-Pueblo         Communications System Upgrades Recommended for Funding by JTC         \$19,119,590         \$4,678,671         \$10,357,500         \$	0	£9¢	Trinidad State Junior College	Technology Infrastructure	Previously requested	636,846	0	0	\$636,846	ş
6         Public Safety         CCIB System Replacement         New         2,205,000         0         0           50*         University of Northern Colorado         Secure Cyber Network         Network Refresh and Upgrade         New         1,488,706         0         0           59*         CSU-Ft. Collins         Network Refresh and Upgrade         New         724,590         0         0           57*         Pikes Peak Community College         Campus Emergency Notification and Power         Previously requested         524,865         0         0           58*         CSU-Pueblo         Communications System Upgrades         New         1,300,067         0         0           58*         CSU-Pueblo         Communications System Upgrades         New         1,300,067         0         0           58*         CSU-Pueblo         Communications System Upgrades         New         1,300,067         0         0           58*         CSU-Pueblo         Communications System Upgrades         Recommended for Funding by JTC         \$19,119,590         \$4,678,671         \$10,357,500         \$	7	2	Human Services	Colorado Crisis System Enhancements	New	1,590,225	0	0	\$1,590,225	Š
50* University of Northern Colorado         Secure Cyber Network         New         1,488,706         0         0           59* CSU-Ft. Collins         Network Refresh and Upgrade         New         724,590         0         0           57* Pikes Peak Community College         Campus Emergency Notification and Power         Previously requested         524,865         0         0           58* CSU-Pueblo         Communications System Upgrades         New         1,300,067         0         0           58* CSU-Pueblo         Communications System Upgrades         New         1,300,067         0         0           58* CSU-Pueblo         Subtotal, State-Funded Projects Recommended for Funding by JTC         \$19,119,590         \$267,784         \$10,357,500         \$	12	ဖ	Public Safety	CCIB System Replacement	New	2,205,000	0	0	\$2,205,000	2
50* University of Northern Colorado         Secure Cyber Network         Network Refresh and Upgrade         New         1,488,706         0         0           59* CSU-Ft. Collins         Network Refresh and Upgrade         New         724,590         0         0           57* Pikes Peak Community College         Campus Emergency Notification and Power         Previously requested         524,865         0         0           58* CSU-Pueblo         Communications System Upgrades         New         1,300,067         0         0           58* CSU-Pueblo         Communications System Upgrades         New         1,300,067         \$0         0           58* CSU-Pueblo         Subtotal, State-Funded Projects Recommended for Funding by JTC         \$19,119,590         \$267,784         \$10,357,500         \$	Tier 4									
59* CSU-Ft. Collins         Network Refresh and Upgrade         New         724,590         0         0           57* Pikes Peak Community College         Campus Emergency Notification and Power         Previously requested         524,865         0         0           58* CSU-Pueblo         Communications System Upgrades         New         1,300,067         0         0           58* CSU-Pueblo         Subtotal, State-Funded Projects Recommended for Funding by JTC         \$19,119,590         \$267,784         \$10,357,500         \$4,678,671         \$10,357,500         \$4,678,671         \$10,357,500         \$10,357,500         \$2,677,784         \$10,357,500 <td>13</td> <td><sub>20</sub>*</td> <td>University of Northern Colorado</td> <td>Secure Cyber Network</td> <td>New</td> <td>1 488 706</td> <td>0</td> <td>0</td> <td>\$1,488,706</td> <td>2</td>	13	<sub>20</sub> *	University of Northern Colorado	Secure Cyber Network	New	1 488 706	0	0	\$1,488,706	2
57* Pikes Peak Community College Campus Emergency Notification and Power Previously requested 524,865 0 0 0 5 58* CSU-Pueblo Communications System Upgrades New 1,300,067 0 0 \$ Subtotal, State-Funded Projects Recommended for Funding by JTC \$19,119,590 \$267,784 \$10,357,500 \$3x	14	*65	CSU-Ft. Collins	Network Refresh and Upgrade	New	724,590	0	0	\$724,590	Yes
57* Pikes Peak Community College         Campus Emergency Notification and Power         Previously requested         524,865         0         0         0           58* CSU-Pueblo         Communications System Upgrades         New         1,300,067         0         6           Subtotal, State-Funded Projects Recommended for Funding by JTC         \$19,119,590         \$267,784         \$10,357,500         \$3           Grand Total, Projects Recommended for Funding by JTC         \$19,119,590         \$4,678,671         \$10,357,500         \$3	Tier 5									
58*         CSU-Pueblo         Communications System Upgrades         New         1,300,067         0         0           Subtotal, State-Funded Projects Recommended for Funding by JTC         \$19,119,590         \$267,784         \$10,357,500         \$           Grand Total, Projects Recommended for Funding by JTC         \$19,119,590         \$4,678,671         \$10,357,500         \$	15	57*	Pikes Peak Community College	Campus Emergency Notification and Power	Previously requested	524,865	0	0	\$524,865	<sub>N</sub>
\$19,119,590 \$267,784 \$10,357,500 \$19,119,590 \$4,678,671 \$10,357,500	16	58*	CSU-Pueblo	Communications System Upgrades	New	1,300,067	0	0	\$1,300,067	Yes
\$19,119,590 \$4,678,671 \$10,357,500				Subtotal, State-Funded Projects Recommen	ded for Funding by JTC	\$19,119,590	9	\$10,357,500	\$29,744,874	
		THE PARTY OF		Grand Total, Projects Recommen	ded for Funding by JTC	\$19,119,590			\$34,155,761	THE PERSON NAMED IN

<sup>\*</sup>Prioritized for funding alongside other non-information technology higher education capital construction projects, which are considered by the Capital Development Committee.

February 25, 2019