



COLORADO
Department of Transportation
Division of Accounting and Finance

MEMORANDUM

TO: TRANSPORTATION COMMISSION (TC)
FROM: JEFF SUDMEIER, CHIEF FINANCIAL OFFICER
DATE: JUNE 20, 2019
SUBJECT: TWELFTH BUDGET SUPPLEMENT - FY 2018-2019

Region 5

\$1,287,887 - Transportation Commission Contingency Reserve - *Project 23173 Emergency Rockfall Repair on SH 145 at milepost 21.3.* On May 24, 2019 two large chunks of rock fell on to SH 145 blocking both lanes of traffic. SH 145 was closed in both directions and an alternate route was advised which added three hours of additional travel. This route is essential to the tourism industry of Dolores and San Miguel Counties. As Colorado heads into the summer tourist season it is imperative that this route be open for business as soon as possible. Region 5 is requesting the use of emergency funds from the Transportation Commission Contingency pool in order to complete the required repairs by the end of June.

Please see the attached Region 5 emergency funding request memo for additional information.

Office of Innovative Mobility

\$500,000 - Transfer from RoadX to Innovative Mobility cost center - The Office of Innovative Mobility is requesting a transfer of funds from the RoadX pool to its cost center. The funding will be used to hire a consultant or team of consultants to facilitate the requirements dictated by Colorado Senate Bill 19-239 (SB 19-239). The requirements dictate that CDOT perform a robust analysis of the potential impacts of transportation changes related to shared and electric rides. Impacts will be determined by consulting with various stakeholders around the State that will be affected by the transportation changes. The working group (CDOT, consultant(s), and stakeholders) is required to present its findings by November 1, 2019 and its recommendations by January 2020 to the legislature.

Please see the attached Senate Bill 19-239 memo for additional information.

Attachments:

- a. Region 5 Emergency Funding Request Memo
- b. Senate Bill 19-239 memo



**Transportation Commission Contingency Reserve Fund Reconciliation
Twelfth Supplement FY 2019 Budget**

Transaction Date	Transaction Description	Amount	Balance	Reference Document
June-18	<i>Ending Balance 12S18</i>		\$34,522,958	
July-18	<i>Balance 1S19</i>		\$35,589,869	
August-18	<i>Balance 2S19</i>		\$32,428,920	
September-18	<i>Balance 3S19</i>		\$28,571,298	
October-18	<i>Balance 4S19</i>		\$28,268,373	
November-18	<i>Balance 5S19</i>		\$28,268,373	
December-18	<i>Balance 6S19</i>		\$28,268,373	
January-19	<i>Balance 7S19</i>		\$31,143,657	
February-19	<i>Balance 8S19</i>		\$30,924,725	
March-19	<i>Balance 9S19</i>		\$28,980,787	
April-19	<i>Balance 10S19</i>		\$19,779,787	
May-19	<i>Balance 11S19</i>		\$21,561,816	
	<i>State match for ER permanent repair projects</i>	\$ (2,064,110)		Multiple
	<i>Region 5 Rockfall on SH 145</i>	\$ (1,287,887)		1000262692
June-19	<i>Pending Balance 12S19</i>		\$18,209,819	

**Transportation Commission Program Reserve Fund Reconciliation
Twelfth Supplement FY 2019 Budget**

Transaction Date	Transaction Description	Amount	Balance	Reference Document
June-18	<i>Ending Balance 12S18</i>		\$123,596,622	
July-18	<i>Balance 1S19</i>		\$139,706,203	
August-18	<i>Balance 2S19</i>		\$139,706,203	
September-18	<i>Balance 3S19</i>		\$144,391,203	
October-18	<i>Balance 4S19</i>		\$214,008,265	
November-18	<i>Balance 5S19</i>		\$144,078,552	
December-18	<i>Balance 6S19</i>		\$133,078,552	
January-19	<i>Balance 7S19</i>		\$133,078,552	
February-19	<i>Balance 8S19</i>		\$44,278,552	
March-19	<i>Balance 9S19</i>		\$44,278,552	
April-19	<i>Balance 10S19</i>		\$80,391,218	
May-19	<i>Balance 11S19</i>		\$75,078,038	
	<i>2019 OJT/SS Allocation from FHWA</i>	\$ 78,817		1000260566
June-19	<i>Pending Balance 12S19</i>		\$75,156,855	



**Transportation Commission Contingency Snow & Ice Fund Reconciliation
Twelfth Supplement FY 2019 Budget**

Transaction Date	Transaction Description	Amount	Balance	Reference Document
	<i>FY19 Budget Allocation</i>	\$10,000,000		1000250070
	<i>FY18 to FY19 Roll Forward</i>	\$10,000,000		1000250990
July-18	<i>Balance 1S19</i>		\$20,000,000	
August-18	<i>Balance 2S19</i>		\$20,000,000	
September-18	<i>Balance 3S19</i>		\$10,000,000	
October-18	<i>Balance 4S19</i>		\$10,000,000	
November-18	<i>Balance 5S19</i>		\$10,000,000	
December-18	<i>Balance 6S19</i>		\$10,000,000	
January-19	<i>Balance 7S19</i>		\$10,000,000	
February-19	<i>Balance 8S19</i>		\$8,184,000	
March-19	<i>Balance 9S19</i>		\$462,000	
April-19	<i>Balance 10S19</i>		\$0	
May-19	<i>Balance 11S19</i>		\$0	
June-19	<i>Pending Balance 12S19</i>		\$0	

**Transportation Commission Contingency Reserve Fund
Emergency and Permanent Repairs-Nonparticipating costs and state match**

September 11, 2013 Flood Related Monthly Activity

Reg	State Highway	Mileposts	Project Description	County	Total Budget TCCRF
1	072A	12.500 - 24.450	SH 72 Permanent Flood Repair	Boulter	\$ (2,064,110)
Total					\$ (2,064,110)

Spring 2015 Flood Related Monthly Activity

Reg	State Highway	Mileposts	Project Description	County	Total Budget TCCRF
0	0	0.000 - 0.000			\$ -
Total					\$ -

Grand Total TCCRF Activity for Emergency Relief Since Last Reporting

\$ (2,064,110)



FY 2018-2019 Contingency Reserve Fund Balance Projection		
May TC Contingency Balance (Emergencies)	\$21,561,816	
<i>Pending Requests:</i>		
State match for ER permanent repair projects	(\$2,064,110)	
Region 5 Rockfall on SH 145	(\$1,287,887)	
Pending June TC Contingency Reserve Balance	\$18,209,819	
<i>Projected Outflow:</i>		
	Low Estimate	High Estimate
State Match for Emergency Relief/Permanent Recovery	(\$2,000,000)	(\$5,000,000)
State Match for Spring 2015 Floods	\$0	(\$2,500,000)
<i>Projected Inflow:</i>		
	Low Estimate	High Estimate
FY 20 Programmed Budget Amount for TCC Pool	\$15,000,000	\$15,000,000
Projected FY 2018-2019 YE Contingency Balance	\$31,209,819	\$25,709,819
<i>TCCRF Surplus (Deficit) to Reach \$30M Balance July 1, 2019</i>	<i>\$1,209,819</i>	<i>(\$4,290,181)</i>

FY 2018-2019 Program Reserve Fund Balance Projection		
May TC Program Reserve Balance	\$75,078,038	
<i>Pending Requests:</i>		
2019 OJT/SS Allocation from FHWA	\$78,817	
Pending June TC Program Reserve Fund Balance	\$75,156,855	
<i>Projected Outflow:</i>		
	Low Estimate	High Estimate
Backfill to TCC Pool	\$0	(\$938,184)
Allocation of Additional STBG Funds	\$0	(\$37,344,000)
<i>Projected Inflow:</i>		
	High Estimate	Low Estimate
Reimbursement for Demolition of CDOT Headquarters	\$2,000,000	\$0
FY 20 Programmed Budget Amount for TCI Pool	\$8,733,169	\$8,733,169
Projected FY 2018-2019 YE Program Reserve Balance	\$85,890,024	\$45,607,840

FY 2018-2019 Outstanding Potential Grant Commitments		
<i>Projected Outflow:</i>	Low Estimate	High Estimate
USDOT Competitive Highway Bridge Program* - Pending	\$0	(\$15,000,000)
Colorado V2X Project Internet of Roads (BUILD)* - Awarded	\$0	(\$3,000,000)
I-25 North Segments 5 and 6 (BUILD)* - Awarded	\$0	(\$20,000,000)
US 50 Little Blue Canyon (FLAP)* - Awarded	\$0	(\$12,000,000)
*Commitment associated with pending or previously awarded federal grant. May be funded with anticipated SB 1, SB 267 funding or other state General Funds. □		
Projected FY 2018-2019 Outstanding Potential Grant Commitment Total	\$0	(\$50,000,000)



Resolution # TC-19-06-XX

Approval and Adoption of the Twelfth Supplement to the Fiscal Year 2018-2019 Budget for the Colorado Department of Transportation

Approved by the Transportation Commission on June 20, 2019.

WHEREAS, the budget requests being presented to the Transportation Commission this month have been reviewed and were determined to meet the criteria outlined in Policy Directive 703.0, requiring approval by the Transportation Commission; and

WHEREAS, the project requests included in the Supplement are consistent with the FY 2019 through FY 2022 STIP, and funds are available from existing program allocations, unless otherwise indicated.

NOW THEREFORE BE IT RESOLVED, after review and consideration, the Twelfth Supplement to the Fiscal Year 2018-2019 Budget is approved by the Transportation Commission.

Herman Stockinger, Secretary
Transportation Commission of Colorado

Date





COLORADO

Department of Transportation

Region 5

Region Director's Office
3803 N. Main Avenue, Suite 306
Durango, CO 81301-4034

MEMORANDUM

DATE: May 26, 2019

TO: Josh Laipply, Chief Engineer

FROM: Michael D. McVaugh, Region 5 Transportation Director

SUBJECT: Request for emergency contracting and Transportation Commission funding for emergency rock fall repairs SH 145 at approximately MP 21.3

Emergency Conditions

At approximately 4:30 p.m. on May 24, 2019, two very large chunks of rock (we don't know if it started as one piece) calved off an escarpment and came down approximately 800 feet vertically onto SH 145. One rock plowed through the highway leaving a deep gouge across the entire width and the other embedded itself in the roadway blocking both lanes.

The rocks took out a power pole along the roadway and left the road totally impassable. Fortunately, there were no vehicles hit by the two boulders, but one vehicle did sustain minor damage from the subsequent debris that came down following the event. SH 145 is currently closed to all traffic and is expected to remain closed for the holiday weekend until the rocks can be broken down and removed. Region 5 has been in contact with the Geohazards unit and they have dispatched an on-call rock fall contractor GSI to the site to start the repairs. They arrived on site on Saturday 5/25. We have also utilized the services of Yeh & Assoc to assess the damage and potential for additional rock fall. They have determined that the slide area is generally stable but recommend that a scaling crew work from the top down to remove any unstable loose material. No rock netting is needed. The Contractor has mobilized a drill rig and will start drilling blast holes once an earthen ramp can be constructed by CDOT maintenance to access the top of the boulder in the roadway. Maintenance is currently filling the damaged roadway section in preparation of opening the roadway to one-way alternating traffic once the rock can be reduced to manageable size.

SH 145 in this area is used by over 2,000 vehicles per day, of which 9 percent are trucks, supporting the critical tourist industry in Dolores and San Miguel Counties. SH 145 is also a key linkage for the Bustang Outrider service in southwest Colorado. Identified detour routes utilizing US 160 via US 550 are in place at this time. This detour adds at least 3 hours of additional travel. The goal of the Region is to finish the repairs before the end of June.



Emergency Contracting Issues

Due to the severe damage to the roadway and the economic impacts to a tourist industry at the start of the tourist season, I am requesting your approval to pursue emergency contracting as described below.

Pursuant to the provisions of State of Colorado Fiscal Rule 2-2 and Section 120.8.3 of the CDOT Construction Manual CDOT, Chief Engineer approval is requested to pursue emergency contracting for the repair of State Highway 145 at milepost 21.3. CDOT will utilize an existing Non-Project Specific (NPS) contract through Staff Geohazards unit with GeoStabilization International (GSI) for on-call rock fall removal, and repair of the roadway. It is likely other contracting resources maybe mobilized to support this effort.

At this point we do not have an estimate of how long the road will be closed, but will know better after the drilling work begins. We will develop a full cost estimate to complete repairs in the next two days. Currently, we are anticipating the need to fund the following major items for the repair; earthwork, blasting, rock removal, base course, hot mix asphalt paving, utility relocation, traffic control with temporary signals, and final debris cleanup.

Region 5 is requesting Transportation Contingency Funds for the project. The Geohazards unit does not have sufficient funds to cover the full scope of the work including the work that has been initiated to date.

With your support of this request, Region 5 intends to proceed with the emergency repair as discussed.

I concur: _____ Date: _____
Josh Laipply, P.E.
Chief Engineer

cc: Shoshana Lew – Executive Director
Johnny Olson – Deputy Director
Jeffery Sudmeier– CFO
Kevin Ryburn – Area Engineer
Robert Jaros – State Controller
Eric Ehrbar – OFMB
Ty Ortiz – Geohazards Program
Kevin Curry– R5 Program Engineer
Jeff Medenwaldt – R5 Business Manager
Greg Stacy – R5 Section 3 Maint. Superintendent
Julie Mileham - Risk Management
Lori Copeland– Accounting and Finance
Mike Krochalis – Deputy Finance Officer
Tony Cady – R5 Envir. & Planning Mngr
Matt Muraro – R5 Envir. & Planning Acting Manager
Randy Jensen – FHWA





TO: TRANSPORTATION COMMISSION
FROM: SOPHIE SHULMAN, CHIEF OF INNOVATIVE MOBILITY
DATE: JUNE 11, 2019
SUBJECT: REQUEST FOR ALLOCATION TO RETAIN PROFESSIONAL SERVICES TO FULFILL REQUIREMENT OF SENATE BILL 19-239

Purpose

To present to the Transportation Commission (TC) a request for allocation of funding from the RoadX budget to support a statutorily-required stakeholder and study regarding emerging mobility technologies.

Action

This memorandum requests \$500,000 from the RoadX Program's budget to be transferred into the Innovative Mobility Cost Center. These funds shall be dedicated to accomplish the requirements of the SB 19-239. We expect the final total to be lower than \$500,000, and any unencumbered funds will be repurposed in the Innovative Mobility Program.

Background

On May 21, 2019, Colorado Senate Bill 19-239 (SB 19-239) was sent to the Office of Governor Jared Polis for signature. This Bill was sponsored by Senator Faith Winter, Senator Jeff Bridges, Representative Matt Gray, and Representative Chris Hansen during 2019 regular session of the Colorado General Assembly. The title of the bill is:

"Address Impacts of Transportation Changes" with subtext of: "Concerning means of addressing the impacts of technological and business model changes related to commercial vehicles, and, in connection therewith requiring the department of transportation to convene and consult with a stakeholder group to examine impacts of new transportation technologies and business models, identify means of addressing impacts, and report findings and make recommendations to the general assembly."

The legislation requires significant modeling tasks and identification of potential fees that could be collected to encourage shared and electric rides. Examples of modeling tasks include:

- Quantification of the amount of carbon emissions that can be eliminated through different means of incentivizing and supporting the use of zero emission vehicles;
- Examination of different means of incentivizing multiple occupant trips in motor vehicles used for commercial purposes;
- Identification of the additional or improved transportation infrastructure, including multi-modal infrastructure and infrastructure needed to support the adoption of and use of zero emission vehicles, that is required to accommodate the impacts on transportation infrastructure resulting from utilization of motor vehicles used for commercial purposes

No later than November 1, 2019 the working group shall report on potential fees and recommendations for implementation. CDOT shall report the group's recommendations to the legislature at their SMART hearing in early January, 2020. CDOT shall determine if rules are necessary to implement working group recommendations or legislation passed during in the 2020 legislative session. CDOT shall promulgate necessary rules by October 1, 2020.

Budget

SB 19-239 requires CDOT to convene and engage in robust consultation with a stakeholder group comprised of representatives of specified industries, workers, governmental entities, planning organizations, and interest groups that will potentially be affected by the adoption of new and emerging transportation technologies and business models. The Stakeholder group to examine impacts of new transportation technologies and business models. The stakeholder group is tasked with identifying means of addressing impacts, reporting findings, and making recommendations to the General Assembly. A dedicated funding source for meeting the requirements of Senate Bill 19-239 was not identified.

Due to the constrained timeline, staff have issued a Request for Proposal (RFP) and, pending TC approval, plan to retain a consultant or consultant team by late July 2019.

Table 1: Budget for First Set of Tasks for Senate Bill 19-239

TBD (Consultant Team)	Modeling, Alternatives Analysis, Report Preparation	\$500,000 (estimated)
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Next Steps

RFP was issued in anticipation of TC review; other planning in advance of a June 28, 2019, kickoff meeting has commenced. The approval by the TC will allow for future award and contracting with a consultant team to begin the modeling, alternatives analysis, and report writing.

Attachments

Text for Senate Bill 19-239