



MEMORANDUM

TO: TRANSPORTATION COMMISSION (TC)
FROM: JEFF SUDMEIER, CHIEF FINANCIAL OFFICER
DATE: SEPTEMBER 19, 2019
SUBJECT: THIRD BUDGET SUPPLEMENT - FY 2019-2020

Office of Innovative Mobility

\$2,400,000- **Innovative Mobility (formerly RoadX)** - The Office of Innovative Mobility is requesting to use funds for the purchase, installation and operation of Infra-Red Traffic Logger (TIRTL) equipment for the Smart 25/Managed Motorways project in time for a 2020 demonstration. The Managed Motorways demonstration on I-25 will be a trial of a coordinated ramp metering storage and discharge system, which in Australia has shown increased traffic flow by 25%, improved average traffic speed between 35-60%, improved overall travel time reliability between 150% (AM peak) and 500% (PM peak), and reduced backups onto arterials. At the conclusion of the six-month trial in 2020, the benefits of the system will be reviewed for potential continued use on I-25 and perhaps elsewhere. Regardless of outcomes, all hardware and data will remain useful and property of CDOT. Construction is expected to be completed by February. Per PD 703.0 any use of Innovative Mobility funding requires Transportation Commission approval.

Intelligent Transportation Systems (ITS)

\$3,800,000 - **Transfer from ITS Asset Management cost center to ITS Asset Management pool** - The FY20 ITS Asset Management Plan calls for the replacement of 25 Variable Message Signs (VMS) that have reached the end of their useful life of 20 years. The VMS set for replacement are in various locations throughout Regions 1, 2, 3, and 5 and will cost \$2.8 million. The ITS Asset Management Plan allocates an additional \$1 million to upgrade amber VSL signs along I-70 west of Denver. The signs will be upgraded from an amber display to black and white display. This will ensure the signs comply with guidelines established by the Manual on Uniform Traffic Control Devices. In order to accomplish the recommendations presented in the Asset Management Plan, ITS is requesting the transfer of \$3.8 million from the ITS Asset Management cost center to the ITS Asset Management pool. Per PD 703, a transfer of this amount, from a cost center to a pool, requires the approval of the Transportation Commission before being executed.



**Transportation Commission Contingency Reserve Fund Reconciliation
Third Supplement FY 2020 Budget**

Transaction Date	Transaction Description	Amount	Balance	Reference Document
June-19	Ending Balance 12S19		\$18,209,819	
July-19	Balance 1S20		\$11,808,394	
August-19	Balance 2S20		\$12,272,130	
	State match for ER permanent repair projects	\$ (1,817,400)		Various
September-19	Pending Balance 3S20		\$10,454,730	

**Transportation Commission Program Reserve Fund Reconciliation
Third Supplement FY 2020 Budget**

Transaction Date	Transaction Description	Amount	Balance	Reference Document
June-19	Ending Balance 12S19		\$75,156,855	
July-19	Balance 1S20		\$84,029,527	
August-19	Balance 2S20		\$81,129,527	
	Transfers to Maintenance per August Budget Amendment	\$ (2,800,000)		1000266139
	Reimbursement from Maintenance for Laptops	\$ 1,440,285		1000266144
	Transfer for HPTE Support for Burnham Yard ROW	\$ (368,656)		Pending
September-19	Pending Balance 3S20		\$79,401,157	

**Transportation Commission Maintenance Reserve Reconciliation
Third Supplement FY 2020 Budget**

Transaction Date	Transaction Description	Amount	Balance	Reference Document
June-19	Carry forward from FY 2019		\$0	
July-19	Balance 1S20		\$10,000,000	
August-19	Balance 2S20		\$12,000,000	
September-19	Balance 3S20		\$12,000,000	

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

September 11, 2013 Flood Related Monthly Activity

State Reg	Highway	Mileposts	Project Description	County	Total Budget TCCRF
4	036B	7.700 - 8.000	PR US 36 MP 7.7-8	Larimer	\$ (1,817,400)
0	0	0.000 - 0.000			\$ -
Total					\$ (1,817,400)

Spring 2015 Flood Related Monthly Activity

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

Grand Total TCCRF Activity for Emergency Relief Since Last Reporting

\$ (1,817,400)



FY 2019-2020 Contingency Reserve Fund Balance Projection		
August		
TC Contingency Balance (Emergencies)	\$12,272,130	
<i>Pending Requests:</i>		
State Match for Emergency Relief/Permanent Recovery	(\$1,817,400)	
Pending September		
TC Contingency Reserve Balance	\$10,454,730	
<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
None	\$0	\$0
Projected FY 2019-2020 YE Contingency Balance	\$8,454,730	\$2,954,730
<i>TCCRF Surplus (Deficit) to Reach \$30M Balance July 1, 2020</i>	<i>(\$21,545,270)</i>	<i>(\$27,045,270)</i>

FY 2019-2020 Program Reserve Fund Balance Projection		
August		
TC Program Reserve Balance	\$81,129,527	
<i>Pending Requests:</i>		
Transfers to Maintenance per August Budget Amendment	(\$2,800,000)	
Reimbursement for Tablets by Maintenance Division	\$1,440,285	
Transfer for HPTE Support for Burnham Yard ROW	(\$368,656)	
Pending September		
TC Program Reserve Fund Balance	\$79,401,157	
<i>Projected Outflow:</i>		
	Low Estimate	High Estimate
Allocation of Additional STBG Funds	(\$37,344,000)	\$0
<i>Projected Inflow:</i>		
	Low Estimate	High Estimate
Reimbursement for Demolition of CDOT Headquarters	\$2,000,000	\$0
Projected FY 2019-2020 YE Program Reserve Balance	\$44,057,157	\$79,401,157

FY 2019-2020 Outstanding Potential Grant Commitments		
<i>Projected Outflow:</i>		
	Low Estimate	High Estimate
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 2019-2020 Outstanding Potential Grant Commitment Total	\$0	(\$32,000,000)

