



MEMORANDUM

TO: THE TRANSPORTATION COMMISSION
FROM: JEFF SUDMEIER, CHIEF FINANCIAL OFFICER
DATE: NOVEMBER 19, 2020
SUBJECT: FIFTH BUDGET SUPPLEMENT - FY 2020-2021

Office of Innovative Mobility

The Office of Innovative Mobility (OIM) is requesting approval of \$9,900,000 in new projects utilizing FY21 funds. In addition, OIM is requesting to reprogram \$3,400,000 worth of FY20 funding to account for projects that were unable to be executed due to changing conditions and COVID-19 impacts. The FY20 funds are part of the FY21 budget proposal. The funds associated with this request are spread across three program areas: Mobility Services, Mobility Technology, and Electrification and Energy. Please see the table below showing the funding allocation for each program. Per PD 703.0, any use of Innovative Mobility funding requires Transportation Commission approval.

Program Area	Projects Included	FY20 Reprogrammed Funds Request	FY21 Budget Request
Mobility Services	Emerging Mobility, Mobility Data Integration, Strategic TDM, ATMS	\$3,100,000	\$4,400,000
Mobility Technology	Connected Vehicles (previously approved)		\$1,000,000
Electrification and Energy	Transit Electrification, MHD Electrification, Workforce Training for MHD Electrification, Use Case Specific Grants to Target Charging Opportunities	\$300,000	\$4,500,000
	OIM FY21 Budget Total	\$3,400,000	\$9,900,000

Please see the attached Mobility Systems Committee Memo for additional information

Attachments:

- a. Mobility Systems Committee OIM Memo



**Transportation Commission Contingency Reserve Fund Reconciliation
Fifth Supplement FY 2021 Budget**

Transaction Date	Transaction Description	Amount	Balance	Reference Document
June-20	Ending Balance 12S20		\$26,702,031	
July-20	Balance 1S21		\$43,816,921	
August-20	Balance 2S21		\$43,816,921	
September-20	Balance 3S21		\$35,688,432	
October-20	Balance 4S21		\$35,688,432	
	State match for ER permanent repair projects	\$ (501)		
	Prior Year Savings returned from Regions	\$ 986,005		
November-20	Pending Balance 5S21		\$36,673,936	

**Transportation Commission Contingency COVID Reserve Fund Reconciliation
Fifth Supplement FY 2021 Budget**

Transaction Date	Transaction Description	Amount	Balance	Reference Document
June-20	Ending Balance 12S20		\$1,000,000	Allocated from TCC pool
July-20	Balance 1S21		\$1,000,000	
August-20	Balance 2S21		\$1,000,000	
September-20	Balance 3S21		\$1,000,000	
October-20	Balance 4S21		\$1,000,000	
	No Requests this Month			
November-20	Pending Balance 5S21		\$1,000,000	

**Transportation Commission Program Reserve Fund Reconciliation
Fifth Supplement FY 2021 Budget**

Transaction Date	Transaction Description	Amount	Balance	Reference Document
June-20	Ending Balance 12S20		\$9,055,791	
July-20	Balance 1S21		\$8,105,791	
August-20	Balance 2S21		\$8,379,656	
September-20	Balance 3S21		\$15,404,375	
October-20	Balance 4S21		\$80,247,006	
	Division of Maintenance and Operations Amendments	\$ (9,050,000)		Pending
	Transfer from PERA Direct Cost Center	\$ 356,733		Pending
	Transfer from reduction of FY21 Innovative Mobility	\$956,000		1000280416
November-20	Pending Balance 5S21		\$72,509,739	

**Transportation Commission Maintenance Reserve Reconciliation
Fifth Supplement FY 2021 Budget**

Transaction Date	Transaction Description	Amount	Balance	Reference Document
June-20	Ending Balance 12S20		\$0	
July-20	Balance 1S21		\$12,000,000	
August-20	Balance 2S21		\$12,000,000	
September-20	Balance 3S21		\$12,000,000	
October-20	Balance 4S21		\$12,000,000	
	No Requests this Month			
November-20	Pending Balance 5S21		\$12,000,000	



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
4	060B	11.380 - 12.040	Replace Bridges on SH 257 and SH 60	Weld	\$ (501)
Total					\$ -
Total					\$ (501)

Spring 2015 Flood Related Monthly Activity

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

Grand Total TCCRF Activity for Emergency Relief Since Last Reporting \$ (501)

FY 2020-2021 Contingency Reserve Fund Balance Projection		
October		
TC Contingency Balance (Emergencies)	\$35,688,432	
<i>Pending Requests:</i>		
State match for ER permanent repair projects	(\$501)	
Prior Year Savings returned from Regions	\$986,005	
Pending November		
TC Contingency Reserve Balance	\$36,673,936	
<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 2020-2021 YE Contingency Balance	\$34,673,936	\$29,173,936
<i>TCCRF Surplus (Deficit) to Reach \$25M Balance July 1, 2021</i>	<i>\$9,673,936</i>	<i>\$4,173,936</i>

FY 2020-2021 Program Reserve Fund Balance Projection		
October		
TC Program Reserve Balance	\$80,247,006	
<i>Pending Requests:</i>		
Division of Maintenance and Operations Amendments	(\$9,050,000)	
Transfer from PERA Direct Cost Center	\$356,733	
Transfer from reduction of FY21 Innovative Mobility	\$956,000	
Pending November		
TC Program Reserve Fund Balance	\$72,509,739	
<i>Projected Outflow:</i>		
	Low Estimate	High Estimate
TC Contingency Reserve and Maintenance Reserve	(\$27,000,000)	(\$27,000,000)
<i>Projected Inflow:</i>		
	Low Estimate	High Estimate
	\$0	\$0
Projected FY 2020-2021 YE Program Reserve Balance	\$45,509,739	\$45,509,739





MEMORANDUM

TO: THE TRANSPORTATION COMMISSION
FROM: KAY KELLY, INTERIM DIRECTOR, INNOVATIVE MOBILITY
DATE: NOVEMBER 19, 2020
SUBJECT: MOBILITY SYSTEMS COMMITTEE - OFFICE OF INNOVATIVE MOBILITY (OIM) FY21 BUDGET

Purpose: This memorandum provides a review of the OIM budget for FY21 proposed during the October Transportation Commission Workshop.

Action: The Transportation Commission will be asked to approve FY 21 Innovative Mobility projects in the November Budget Supplement.

Background: The goals and objectives of OIM are to reduce pollution in our air and congestion on our roads by expanding multimodal transportation options and using traditional and emerging mobility technologies. OIM addresses these topics through tools including mobile sources (vehicles), infrastructure (planning and projects) and human factors (behavior change). This work is also in alignment with many of the transportation recommendations in the state greenhouse gas roadmap. A review of FY20 OIM accomplishments along with a proposed FY21 budget were presented during the October TC workshop and are reviewed here for reference.

FY20 OIM Accomplishments

OIM received \$10,444,835 in funds for FY20. These funds were allocated to projects in three categories:

- Mobility Services - exploring ways to make transportation efficient and more accessible to underserved populations by working with technology, legislation, and conducting research and analysis.
- Mobility Technologies - guiding Colorado's strategy and policy on connected, autonomous and emerging transportation technologies
- Electrification and Energy - working with partners across the public and private sectors to facilitate the expansion of both electric vehicles and infrastructure across Colorado.

Of this approved FY20 budget, \$2,966,000 has already been allocated to projects and, due to the OIM budget approval happening late in the fiscal year, \$3,800,000 is being rolled forward for approved projects. Several projects were unable to be executed as expected due to Covid-19 impacts and changing conditions. These funds (\$3,400,000) will require reprogramming and are part of the FY21 budget proposal. A portion of the FY20 budget (\$278,835) has been identified to balance the FY21 budget against reduced revenue and will be returned to the program reserve.

FY 20 Funds Available	\$10,444,835
Budgeted Projects	-\$2,966,000



Rolling Forward for Approved Projects	-\$3,800,000
Rolling Forward to be Reprogrammed	-\$3,400,000
Returned to Program Reserve	-\$278,835

FY21 OIM Budget Proposal

OIM has \$10,579,902 in FY21 funds available and has proposed \$9,900,000 in new projects. This will leave \$679,902 remaining in program reserve to balance the FY21 budget against reduced revenue.

FY 21 Funds Available	\$10,579,902
Proposed Projects	-\$9,900,000
Returned to Program Reserve	-\$679,902

In addition to the \$9,900,000 in new projects, OIM is seeking commission approval for \$3,400,000 in reprogrammed funds from FY20 to account for projects that were unable to be executed in FY20 due to changing conditions and Covid-19 impacts. The FY21 OIM budget is proposed in the three program areas as follows:

Mobility Services: The major project areas of Emerging Mobility and Mobility Data Integration are requested to continue into FY21 with comparable budgets to FY20.

- Emerging Mobility includes tools to make emerging mobility more sustainable, projects that address first and last mile delivery, transportation network company strategies and micromobility efforts.
- Mobility Data Integration includes data, payment and software tools and is closely linked to the Connected Colorado effort.
- ATMS is the fulfillment of OIM’s commitment to supporting the ATMS project. OIM is requesting to contribute \$1M in FY20 reprogrammed funds and an additional \$500,000 in FY21 funds.
- Strategic TDM encompasses traditional TDM activities including working with the TMOs/TMAs, supporting CDOT employee TDM and enabling micromobility/bike/pedestrian safety, along with an expansion of efforts to support targeted TDM activities in priority areas identified by CDOT through the 1601 process. This area includes \$2,100,000 in reprogrammed FY20 funds.

Mobility Technology: The Connected Vehicles project was discussed and approved by the Commission in March 2020. It does not require a Commission vote; however, it is included here to give the Commission the full picture of the FY21 OIM budget.

Electrification and Energy: This area continues to focus on supporting electrification of fleets and providing grants to support use-case specific charging opportunities. In FY21, funds are also requested to be allocated toward fulfilling the objectives of the state medium- and heavy-duty (MHD) vehicle electrification efforts, including support for transit electrification and workforce training.

- MHD Vehicle Electrification - In prior years, OIM has supported light duty electrification efforts through partnership with the Colorado Energy Office (CEO) and the Regional Air Quality Council (RAQC). With



a forthcoming MHD vehicle strategy and in support of the state’s Clean Trucking Strategy, FY21 funds are requested to support fleet turnover in the MHD sector.

- Use-Case Specific Grant Offerings to Target Charging Opportunities - In prior years, OIM has also supported interagency collaboration to expand electric vehicle charging opportunities across the state. This work is requested to continue and includes continued support for use-case specific grants to close gaps in charging corridors.
- Support Transit Electrification - This includes on-going efforts to support transit agencies as they transition to zero emission vehicles including planning grants, guidebooks for transit electrification, partnerships with the Colorado Association of Transit Agencies (CASTA) for education opportunities, exploration of innovative financing options and development of a roadmap to achieve 100% ZEV transit vehicles in alignment with the state EV plan. This area includes \$300,000 in reprogrammed FY20 funds.
- Workforce Training for MHD Electrification - Also in support of the state Clean Trucking Strategy, funds are being requested to develop workforce training to ensure technicians are ready to service ZEVs as they enter the Colorado market.

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	OIM FY21 Budget Total	\$3,400,000	\$9,900,000

Next Steps: The FY21 OIM budget approval will be included in the Budget Supplement at the November Commission meeting.

Attachments: Attachment A - October OIM Workshop Presentation

