



COLORADO
Department of Transportation
Division of Accounting and Finance

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Denver, CO 80222-3400
(303) 757-9793

MEMORANDUM

DATE: November 19, 2015
TO: Transportation Commission
FROM: Maria Sobota, Chief Financial Officer
SUBJECT: Fifth Supplement - FY 2016

The project request included in the Supplement are consistent with the FY 2016 through FY 2019 STIP. Funds are available from the Regions' allocations unless otherwise indicated.

Per Transportation Commission direction, Emergency Relief project updates are included in the Budget Supplement.

As requested by the Transportation Commission, the current RAMP Partnership and Operations Master Summary Report is included with this supplement.

Region 3

\$2,648,000 – *I-70 Exit 49 East Resurfacing* – **Surface Treatment**-Additional funds for Change Modification Order to add scope previously identified in asset management program and extend project limits in support of Program Management performance.

I-70 Exit 49 East Resurfacing

Budget Components by Phase, Funding Program, Fiscal Year

Phase of Work	Funding Program	Current Budget	Third Supplement Action					Revised Budget	Expended To-Date
			Year of Budget			Total Request	Percent Increase		
			FY 2016	FY 2017	FY 2018				
Construction	<i>Surface Treatment</i>	\$12,677,000	\$0	\$2,648,000	\$0	\$2,648,000		\$15,325,000	\$9,370,444
	Total Construction	\$12,677,000	\$0	\$2,648,000	\$0	\$2,648,000		\$15,325,000	\$9,370,444
Total Project Budget		\$12,677,000	\$0	\$2,648,000	\$0	\$2,648,000	20.89%	\$15,325,000	\$9,370,444
			Year of Expenditure			Total Request			
			FY 2016	FY 2017	FY 2018				
			\$2,648,000	\$0	\$0	\$2,648,000			

Per PD703.0 required adjustment above 15% and \$500,000 require Commission approval.

\$4,312,538 – *US 50 East of Gunnison* – **Surface Treatment**- Additional funds for Change Modification Order to add scope previously identified in asset management program and extend project limits in support of Program Management performance.

US 50 East of Gunnison

Budget Components by Phase, Funding Program, Fiscal Year

Phase of Work	Funding Program	Current Budget	Fifth Supplement Action					Revised Budget	Expended To-Date
			Year of Budget			Total Request	Percent Increase		
			FY 2016	FY 2017	FY 2018				
Construction	<i>Surface Treatment</i>	\$11,461,061	\$0	\$4,312,538	\$0	\$4,312,538		\$15,773,599	\$8,236,542
	Total Construction	\$11,461,061	\$0	\$4,312,538	\$0	\$4,312,538		\$15,773,599	\$8,236,542
Total Project Budget		\$11,461,061	\$0	\$4,312,538	\$0	\$4,312,538	37.63%	\$15,773,599	\$8,236,542
			Year of Expenditure			Total Request			
			FY 2016	FY 2017	FY 2018				
			\$4,312,538	\$0	\$0	\$4,312,538			

Per PD703.0 required adjustment above 15% and \$500,000 require Commission approval.

Transportation Commission Transition Fund

\$4,870,643 – Proposal to return the remaining Transition Funds to the Transportation Commission Contingency Reserve Fund to partially fund the Road X initiative.

Transportation Commission Contingency Reserve Fund

\$10,000,000 – *ROAD X* – **TCCRF**- Funding for the current fiscal year based on a Draft 5-Year Work-Plan including 3 categories: Projects such as I-25 South Metro Managed Motorways and I-70 Mountain Corridor Connected Vehicle; Infrastructure / Operations and Maintenance such as Broadband Communication Network; and Planning / Policy such as amending the Long Range Planning Process.

Additional information is provided in Attachment A.

Confirmation Item

\$900,000 – *Vendor Settlement* – **TCCRF**- Finalize settlement with a vendor as noted in previous TCCRF reconciliation memos presented in September and October. Permission to make payment prior to the November Commission meeting was given by the TC Chair via a Confirmation Item.

RAMP

Region 1

\$13,000,000 – *Federal Blvd: 6th to Howard Reconstruction and Multimodal Improvements*– **Local Agency Funding**- Additional funds from City and County of Denver for Right of Way real estate and relocation costs.

Refer to Program Management Office workshop for more information.

Walk On

Division of Transit and Rail

\$2,000,000 – *Bustang Bus Purchase* – Transfer existing cost center budget from personal services to capital for the purchase of additional buses.

Refer to DTR Resolution.

COLORADO DEPARTMENT OF TRANSPORTATION

STATE OF COLORADO

**Fifth
Supplement**

Fiscal year 2015-2016

Dated: November 19, 2015

COLORADO DEPARTMENT OF TRANSPORTATION

STATE OF COLORADO

RESOLUTION NO. TC –

**“BE IT RESOLVED, That the Fifth Supplement to the Fiscal Year 2015-2016
Budget be approved by the Commission”**

**Transportation Commission Contingency Reserve Fund Reconciliation
Fifth Supplement FY 2016 Budget**

Transaction Date	Transaction Description	Amount	Balance	Reference Document
June-15	<i>Final Balance 12S15</i>		\$64,416,755	
	state match for ER permanent repair projects	\$ (1,682,770)		1000209366-1000210687
	FY16 Budget Allocation	\$ 1,972,914		1000209249
	TREX Coping Panel Reenforcement	\$ (4,250,000)		1000211551
	SH139 in Garfield County roadway failure due to rainfall	\$ (400,000)		1000211551
July-15	<i>Balance 1S16</i>		\$60,056,899	
	SH6 Devolution as approved by resolution in the June Commission meeting	\$ (6,606,196)		1000211883
	Savings from 2012 ER project K-16-W BRIDGE REPLACEMENT	\$ 162		1000211198-1000211861
	state match for ER permanent repair projects	\$ 45,778		1000211198-1000211861
	SH13 Stabillization Wall Failure	\$ (1,500,000)		1000212439
August-15	<i>Balance 2S16</i>		\$51,996,643	
	Savings from 2009 Snowplow restoration	\$ 1,309		1000212265
	state match for Emergency Repair and Permanent Repair projects	\$ 6,576		10002123358-1000213730
	Transfer State funds to Safe Routes to School	\$ (2,500,000)		1000213834
September-15	<i>Balance 3S16</i>		\$49,504,528	
	Savings from Region 2 SH67 ER project	\$ 3,134		1000215459
	Savings from Region 5 US550 ER project	\$ 15,995		1000215459
	Return savings from R2 SH139 Douglas Pass	\$ 111,082		1000214577
	Payback of On the Job Training and Disadvantage Business Advancement	\$ 319,068		1000214364
	state match for Emergency Repair and Permanent Repair projects	\$ (354,294)		1000214082-1000215243
	US-50 Near Parkdale Embankment Repair	\$ (125,000)		1000215790
	Pave Platteville Yard Facility	\$ (79,540)		1000215793
	Pave Greeley West Yard Facility	\$ (466,781)		1000215793
	Tolled Express Lanes Operations and Maintenance	\$ (2,085,000)		1000215796
	Baptist Road	\$ (11,431,000)		1000215795
October-15	<i>Balance 4S16</i>		\$35,412,192	
	Return savings from FASTER Transition Fund to patially fund Road X	\$ 4,870,643		Pending
	Savings from Region 2 SH67 ER project	\$ 79,331		1000215788
	Road X (Pending)	\$ (10,000,000)		Pending
	state match for Emergency Repair and Permanent Repair projects	\$ (2,087,790)		1000215791-1000215925
	urHub Settlement (Approved as Confirmation Item)	\$ (900,000)		1000216075
November-15	<i>Pending Balance 5S16</i>		\$27,374,376	

**Transportation Commission Transition Fund Reconciliation
Fifth Supplement FY 2016 Budget**

Transaction Date	Transaction Description	Amount	Balance	Reference Document
June-15	<i>Balance 12S15</i>		\$5,810,730	
	Region 4-SH52 at WCR 59 Intersection-return surplus	\$ 43,325		1000210169
July-15	<i>Balance 1S16</i>		\$5,854,055	
	Region 3-SH 24/50/348 Minturn/Montrose Culverts	\$ (995,000)		1000214263
September-15	<i>Balance 3S16</i>		\$4,859,055	
	Region 3 - SH340 Kingsview Interesection, return savings	\$ 11,588		10002015021
October-15	<i>Balance 4S16</i>		\$4,870,643	
	Return savings from FASTER Transition Fund to patially fund Road X	\$ (4,870,643)		Pending
November-15	<i>Balance 5S16</i>		\$0	

**Transportation Commission Contingency Snow & Ice Fund Reconciliation
Fifth Supplement FY 2016 Budget**

Transaction Date	Transaction Description	Amount	Balance	Reference Document
June-15	<i>Carry forward from FY 2015</i>		\$0	
	<i>FY 2016 allocation</i>	\$10,000,000		1000209249
July-15	<i>Balance 1S16</i>		\$10,000,000	

**Transportation Commission Contingency RAMP Reserve
Fifth Supplement FY 2016 Budget**

Transaction Date	Transaction Description	Amount	Balance
December-14	<i>Beginning Balance</i>		\$0
	<i>Transfer from TCCRF</i>	\$40,000,000	
	<i>Region 2-19039 I-25/CIMARRON EXPRESSWAY</i>	(\$5,000,000)	
	<i>Region 3-19910 SH 9 CO River South Wildlife</i>	(\$6,627,747)	
January-15	<i>Balance 7S15</i>		\$28,372,253
February-15	<i>Balance 8S15</i>		\$28,372,253
	<i>Region 2-19039 I-25/CIMARRON EXPRESSWAY</i>	\$2,468,862	
March-15	<i>Balance 9S15</i>		\$30,841,115
April-15	<i>Balance 10S15</i>		\$30,841,115
	<i>Region 3-19911 I-70 Exit 31 Horizon Drive (correction to previous month)</i>	(\$423,000)	
May-15	<i>Balance 11S15</i>		\$30,418,115
	<i>Region 3-19094 I-70 Vail Underpass</i>	(\$6,570,000)	
June-15	<i>Balance 12S15</i>		\$23,848,115
	<i>Region 3-19930 SH 9 - Frisco to Breckenridge</i>	(\$4,489,815)	
July-15	<i>Balance 1S16</i>		\$19,358,300
	<i>Region 4-12372 North College / US 287 Conifer to Laporte Bypass</i>	(\$7,833,509)	
August-15	<i>Balance 2S16</i>		\$11,524,791
	<i>Region 1-1-46 I-25 / Arapahoe Road Interchange</i>	(\$6,000,000)	
September-15	<i>Balance 3S16</i>		\$5,524,791
October-15	<i>Balance 4S16</i>		\$5,524,791
November-15	<i>Balance 5S16</i>		\$5,524,791

Transportation Commission Contingency Reserve Fund September 11, 2013 Flood Related Monthly Activity Report

Provides detail level information for any (disbursements from)/reimbursements to the TCCRF

Fifth Supplement 2016

Emergency and Permanent Repairs-Nonparticipating costs and state match (not reimbursable if expended)

Reg	State Highway	Mileposts	Project Description	County	Total Budget TCCRF
4	119C	61.419-63.699	PR SH 119 MP 61.5-63.9	Weld	\$ (1,852,642)
4	036B	20.000-27.952	PR US36 D-15-X & D-15-I	Boulder	\$ (217,842)
1	225A	7.100-11.740	PR I-225:Miss to I-70 Flood Repairs	Adams/Arapahoe	\$ (15,822)
1	070A	241.400-241.800	PR I-70 MP 241.6 Flood Repair:Slide	Clear Creek	\$ (1,484)
Total					\$ (2,087,790)
Grand Total TCCRF Activity for Flood Relief Since Last Reporting					\$ (2,087,790)



MEMORANDUM

TO: TRANSPORTATION COMMISSION
 FROM: JOSHUA LAIPPLY, CHIEF ENGINEER AND PETER KOZINSKI, ROADX PROGRAM DIRECTOR
 DATE: NOVEMBER 19, 2015
 SUBJECT: FY2016 ROADX FUNDING REQUEST

Summary of FY2016 Funding Request:

The initial funding request as part of the Fifth Supplement to the Fiscal Year 2015-2016 will utilize the surplus from the Transition Fund and roll forward balances. A separate Decision Item is being presented as part of the FY2016-2017 Annual Budget for additional funding to be expended in 2017.

Budget

	FY 2016
Project Total Requested	\$10,000,000

Summary

The RoadX Program, being a new Program, has no base to build from so this funding request starts the process. These requests are derived from a *Draft 5-Year Work-Plan* (FY16-FY20) that initiates Colorado's Vision: RoadX. At this time the Draft 5-Year Work-Plan is a list of efforts RoadX envisions undertaking. These efforts can be subdivide into three categories - Projects (totaling \$54.28 million), Infrastructure/O&M (totaling \$30.35 million) and Planning/Policy (totaling \$6 million). The current 5-Year Draft Work-Plan totals to \$90.63 million or approximately \$18.13 million/year. Projects will be vetted through the transportation planning process so that they can be eligible for existing funding streams that are commensurate with the goal of the specific RoadX project. e.g. a rural safety project may use HSIP or FASTER Safety funding if it achieves or exceeds our existing cost/benefit criteria.

The RoadX Program is committed to a transparent process of identifying efforts in the categories listed above, and intends to post the Work-Plan on the RoadX website once it has been endorsed internally and local stakeholders have been consulted.

The following outlines some potential project concepts that are in development that this funding may advance. As more project detail and local planning efforts advance these projects we will update the Transportation Commission:

Project:

I-25 South Metro/Managed Motorway Project - *Managed Motorways is a concept successfully deployed five years ago on the M1 in Melbourne, Australia. For five years this concept has reduced recurring congestion, optimized the capacity of the freeway and recapture the benefits of the taxpayer investment in the existing roadway. The Colorado Managed Motorways project builds upon the Intelligent Transportation Systems (ITS) applications already present in the I-25 corridor, including ramp metering and traveler information systems, to improve the*



overall average speed and vehicular throughput in the corridor during peak demand (rush hour). To perform properly, Managed Motorways require very precise data on real time traffic conditions to operate advanced computer algorithms that control and coordinate ramp metering (vehicle access) throughout the corridor. This project would install the equipment necessary to provide precise real time data and traffic flow control. The demonstration project would operate the Managed Motorways concept for 6 months, evaluate the effectiveness of the system, and determine if the concept performance is compelling enough for broader implementation throughout Colorado.

I-70 Mountain Corridor Connected Vehicle Project - The primary goal of the CV Pilot Program is to maximize safety and mobility on the I-70 mountainous corridor through probe data collection, vehicle-to-infrastructure (V2I) communication, and related decision support analysis to enable real time traffic management and traveler information and safety applications. This project would:

- Equip more than 700 CDOT, first responder, ski shuttle, and commercial vehicles on I-70 with Dedicated Short Range Communication (DSRC) devices to facilitate data collection;
- Install over 24 DSRC devices on the roadside to enable data collection and timely V2I safety alerts;

Deploy smartphone mobile application technology capable of data collection and delivering the following real-time, hands-free, text-to-voice safety and travel alerts including curve speed warning, queue warning, virtual variable speed limits, spot weather advisory, motorist advisory warnings, advanced traveler information systems, freight travel information systems, smart truck parking, work zone warning, hazard warning (historical), incident advisory, avalanche warning, rock fall warning, sun glare warning, low visibility warning, managed lanes info, travel time, chain law activation, loss of friction, wrong way driver warning, emergency response vehicle warning

Vehicle to Infrastructure (V2I) - Vehicle to infrastructure or Infrastructure to vehicle communications can take many different forms, it can be the expansion of "smart" ramp meters - like those that would be used on the I-25 Managed Motorway, the instillation of enhanced cellular communications, the deployment of Dedicated Short Range Communications (DSRC) radios or other technologies that help inform the vehicle and driver about how to best use the infrastructure more efficiently and safely.

This Project will not supplant existing efforts to install traditional ITS equipment, but will more augment those efforts by installing these more technologically beneficial systems in key locations.

Infrastructure/O&M:

Broadband Communication Network - The old adage that information is power, is even truer in the era of connected vehicles and the most efficient way to move this information is via a broadband communication network. Many of our rural areas that could benefit from safety improvements available in connected vehicles do not have a communication network that is reliable and fast enough to move the data that is needed.

This Projects is intended to build upon our current efforts and explore partnership opportunities to expand our broadband network throughout Colorado.

Planning/Policy:

Inform Transportation Planning and Project Development Processes - CDOT's planning and project development process, including NEPA and corridor studies, revolve around using local predictions of land use and travel behaviors, including freight movement. None of these processes anticipate how a connected / autonomous vehicle would impact the need for additional capacity or mode choice. Our transportation planning processes consider travel demand looking 20+ years into the future. All indications are that connected / autonomous vehicles will be prevalent in 7 to 10 years.

We need to examine our planning assumptions and work with our planning partners to understand how, when and at what level of saturation of connected / autonomous vehicles we change our travel mode assumptions and prediction of capacity needs. Ensuring we do this in a timely manner could save the Department hundreds of millions of dollars in unneeded capacity improvements.

Consequences if not Funded

RoadX is Colorado's bold vision and commitment to being a national leader in the use of innovative technologies to improve the safety, mobility and efficiency of the transportation system, fostering the continued economic vitality of our state.



Since launching RoadX on October 28, 2015 the RoadX Program has been approached by numerous innovative technologies that are interested in partnering with CDOT to deploy their technologies to help move us toward Colorado's bold vision. Example of these technologies include:

- Smart pavement systems that can detect the speed and direction of vehicles traveling on them. This same smart pavement system can alert drivers if they are entering a sharp curve too fast or getting too close to the edge and even call for help if it detects a vehicle departing the roadway too fast,
- A non-invasive light based sensors used for ITS applications with a high level of accuracy that collect speed and occupancy data, and
- Robotic traffic control devices that boast a system saves at least 5% in total costs per project, reduces injuries by 33%, reduces waiting times for drivers, and has an ROI of less than 24 months.

None of these technologies alone will achieve Colorado's bold vision, but collectively they can help save lives, reduce travel time and give the Department more information to use in its decision making process. By not funding this request we are postponing the benefits technology can bring us today.





FY 2016 Contingency Balance Projection

Pending November FY 2016 TC Contingency Balance	\$82,596,799	
FY 2016 State Match for Emergency Relief/Permanent Recovery	Low Estimate	High Estimate
	(\$9,500,000)	(\$15,000,000)
Union Pacific Railroad Right of Way Resolution	(\$12,500,000)	(\$12,500,000)
Backfill Southwest Chief Decision to SB228	(\$1,000,000)	(\$1,000,000)
Return of HPTE loans, Potential Insurance Reimbursements and Other Impacts	Max Reimbursement Estimate	Min Reimbursement Estimate
	\$7,000,000*	\$750,852*
FY 2016 Contingency Estimate - Prior to FY 2015 TCCRF Funding Requests	High Balance	Low Balance
	\$66,596,799	\$54,847,651
Estimated FY2016 TCCRF Funding Requests	(\$14,000,000)	(\$14,000,000)
Projected FY 2016 YE Contingency Balance	\$62,596,799	\$40,847,651
<i>TCCRF Fund Balance Adjustment to Reach \$40M Balance - Period 1 FY2017</i>	<i>(\$22,596,799)</i>	<i>(\$847,651)</i>

*Right-hand column assumes only HPTE payback to establish minimum expected reimbursements.



FY 2016 Contingency Balance Reconciliation

October FY 2015 TC Contingency Balance	\$35,412,192
Additional 2015 Estimated Roll Forwards and Revenue	\$55,222,423
Return Transition Fund Balance to partially fund Road X	\$4,870,643
Savings from Region 2 SH67 ER Project	\$79,331
Road X FY16 Funding (Pending)	(\$10,000,000)
State Match for ER and Permanent Flood repairs	(\$2,087,790)
Vendor Settlement (Approved as Confirmation Item)	(\$900,000)
Pending November FY 2016 TC Contingency Balance	\$82,596,799

Key	
	TC Approved or Staff Recommends Budgeting Funds (Group 1)
	Staff Recommends Budgeting Funds (Group 2)
	Staff Recommends Further Development (Group 3)
	Projects that have been Withdrawn or Removed (Group 4)

** Numbers are shown as a COST VARIANCE	
-\$4,800.00	Numbers shown in red or with a negative represent an overage
\$6,000.00	Numbers shown in green represent an underage

Tracking #	PCN	Project Name	Original TC Approved Total Project Cost	Current TC Approved Total Project Cost	** Total Project Cost Delta	Original TC Approved RAMP Request	Current TC Approved RAMP Request	** RAMP Request Delta	Local Contribution	In Kind Contributions	Local Delta	Other Funds	Other Funds Delta	Status through October TC	
Group 1	N/A	19879 19880	WB Twin Tunnels Expansion	\$55,000,000	\$55,000,000	\$0	\$48,000,000	\$48,000,000	\$0	\$0	\$0	\$0	\$7,000,000	\$0	RAMP Funding Approved by TC in February 2014; Project Complete - Project Acceptance 4/15/15.
	4-5a*	19626*	I-25: Tolle Express Lanes: 120th North to SH7 * (Southern Segment / Segment 3)	\$500,000,000 ‡	\$73,250,000	\$0	\$55,000,000	\$55,000,000	\$0	\$750,000	\$0	\$750,000	\$17,500,000	\$17,500,000	RAMP Funding of 10% granted by TC in March 2014; Additional \$2.85M RAMP Funding for the continuation of preconstruction activity was approved by TC in the 5th Supplement FY15 (November 2014) (#TC-3208). * TC informed of I-25 Express Lanes project scope, schedule, and budget - including the reduction in scope and alternative advertisement packaging; Authority to budget all remaining RAMP Funds (\$55.0M) granted by TC in the PMO Workshop (April 2015) and resolved via the 10th Supplement FY15 (April 2015)(#TC-15-4-5).
	4-5b**	20575**	I-25: Tolle Express Lanes: SH7 North to SH14 ** (Northern Segment / Crossroads Interchange)	\$540,000,000 ‡	\$35,000,000	\$0	\$35,000,000	\$35,000,000	\$0	\$0	\$0	\$0	\$0	\$0	RAMP Funding of 10% granted by TC in March 2014 for continued preconstruction activity; ** TC informed of the I-25 Crossroads Interchange project scope, schedule, and budget; Authority to budget the RAMP Funds (\$35.0M) granted by TC in the RAMP Program Controls Workshop (December 2014) and resolved via the 6th Supplement FY15 (#TC-3214, walk-on).
	1-2	18999	C-470 Managed Toll Express Lanes: Kipling to I-25	\$200,000,000	\$289,000,000 ‡	-\$89,000,000	\$100,000,000	\$120,000,000	-\$20,000,000	\$10,000,000	\$5,500,000	\$0	\$153,500,000	\$69,000,000	RAMP Funding and Additional Total Project Costs Approved by TC in the 8th Supplement FY15 (February 2015) (#TC-15-2-4, walk-on); Additional RAMP HPTE Development Funds approved by TC in the 4th Supplement FY16 (Oct 2015). TC informed of C-470 Express Lanes project scope, schedule, and budget - including the results of Level 3 tolling & revenue studies, loan finance options, and additional revenue and construction costs elements of the project.
4	TC Approved or Staff Recommends Budgeting Funds (Group 1)		\$1,295,000,000	\$452,250,000	-\$89,000,000	\$238,000,000	\$258,000,000	-\$20,000,000	\$10,750,000	\$5,500,000	\$750,000	\$178,000,000	\$86,500,000		

Tracking #	PCN	Project Name	Original TC Approved Total Project Cost	Current TC Approved Total Project Cost	** Total Project Cost Delta	Original TC Approved RAMP Request	Current TC Approved RAMP Request	** RAMP Request Delta	Local Contribution	In Kind Contributions	Local Delta	Other Funds	Other Funds Delta	Status through October TC
Group 2														None
	Staff Recommends Budgeting Funds (Group 2)			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Tracking #	PCN	Project Name	Original TC Approved Total Project Cost	Current TC Approved Total Project Cost	** Total Project Cost Delta	Original TC Approved RAMP Request	Current TC Approved RAMP Request	** RAMP Request Delta	Local Contribution	In Kind Contributions	Local Delta	Other Funds	Other Funds Delta	Status through October TC
Group 3	N/A	-	HTPE P3 Development Fund	\$200,000,000	\$200,000,000 ‡	\$0	\$40,000,000	\$15,600,000	\$24,400,000	\$0	\$0	\$184,400,000	\$0	Staff Recommends Further Development; \$4.6M of HPTE RAMP Funds approved by TC in the 2nd Supplement FY15 (August 2014)(#TC-3188), for the I-70 EB PPSL (RAMP Ops Project #1-09); \$20.0M of HPTE Funds approved by TC in 4th Supplement FY16 (October 2015), for the C-470 Express Lanes project based on the initial finance plan (IFP).
	1	Staff Recommends Further Development (Group 3)		\$200,000,000	\$200,000,000	\$0	\$40,000,000	\$15,600,000	\$24,400,000	\$0	\$0	\$0	\$184,400,000	\$0

5	SUB-TOTAL Public-Public Partnership Projects			\$1,495,000,000	\$652,250,000	-\$89,000,000	\$278,000,000	\$273,600,000	\$4,400,000	\$10,750,000	\$5,500,000	\$750,000	\$362,400,000	\$86,500,000	
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Tracking #	PCN	Project Name	Original TC Approved Total Project Cost	Current TC Approved Total Project Cost	** Total Project Cost Delta	Original TC Approved RAMP Request	Current TC Approved RAMP Request	** RAMP Request Delta	Local Contribution	In Kind Contributions	Local Delta	Other Funds	Other Funds Delta	Status through October TC
Group 4														None
	Projects that have been Withdrawn (Group 4)			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

5	TOTAL Partnership Projects: HTPE P3 Projects			\$1,495,000,000	\$652,250,000	-\$89,000,000	\$278,000,000	\$273,600,000	\$4,400,000	\$10,750,000	\$5,500,000	\$750,000	\$362,400,000	\$86,500,000	
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Percentage over Transportation Commission Approved Amount

5.95%

1.58%

RAMP Program totals are within currently approved program total plus 3.5%. Staff may make individual authorizations per PD 703.0

‡ The total project cost shown may include estimates of funding from partner sources (such as PPP concessionaire contribution, loan or bonds on toll revenue, or federal funds (TIFIA loans). The details of these other sources will be presented to the Commission for information or action as the project develops.

Key	
TC Approved or Staff Recommends Budgeting Funds (Group 1)	
Staff Recommends Budgeting Funds (Group 2)	
Staff Recommends Further Development (Group 3)	
Projects that have been Withdrawn or Removed (Group 4)	

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Tracking #	PCN	Project Name	Original TC Approved Total Project Cost	Current TC Approved Total Project Cost	** Total Project Cost Delta	Original TC Approved RAMP Request	Current TC Approved RAMP Request	** RAMP Request Delta	Local Contribution	In Kind Contribution	Local Delta	Other Funds	Other Funds Delta	Status through October TC
1-7	17810	Eisenhower-Johnson Memorial Tunnels (EJMT) Fire Suppression System	\$25,000,000	\$25,000,000	\$0	\$9,000,000	\$9,000,000	\$0	\$5,000,000	\$0	\$0	\$11,000,000	\$0	RAMP Funding Approved by TC in February
1-14	19969 19970	SH 2 in Commerce City Widening and Devolution	\$20,800,000	\$20,800,000	\$0	\$13,600,000	\$13,600,000	\$0	\$5,100,000	\$0	\$0	\$2,100,000	\$0	RAMP Funding Approved by TC in February Devolution resolution approved by TC in Dec 2014 (#TC-3206).
1-15	19896	US 6 and 19th St. Intersection Grade Separation	\$25,000,000	\$25,000,000	\$0	\$20,000,000	\$20,000,000	\$0	\$5,000,000	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in February
1-19	17219	Colorado Blvd. in Idaho Springs Final Phase and Devolution	\$21,900,000	\$21,900,000	\$0	\$21,900,000	\$21,900,000	\$0	\$0	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in February Devolution resolution approved by TC in April 2014 (#TC-15-3-9).
1-37	19957	Federal Blvd: 6th to Howard Reconstruction and Multimodal Improvements	\$29,203,881	\$29,181,821	\$22,060	\$23,363,105	\$23,341,821	\$21,284	\$5,840,000	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in February; Due to changes in market conditions ROW relocation and procurement schedule has been extended; TC informed of project delivery delay in November 2015.
1-46	19192	I-25 and Arapahoe Rd. Interchange	\$74,000,000	\$80,000,000	-\$6,000,000	\$50,400,000	\$56,400,000	-\$6,000,000	\$16,400,000	\$0	\$0	\$7,200,000	\$0	RAMP Funding Approved by TC in February; Additional RAMP Funding Approved by TC for ROW phase in the 3rd Supplement FY16 (Sept 2015).
2-1	19964	SH 67 in Victor Devolution (cash payment)	\$307,702	\$307,702	\$0	\$307,702	\$307,702	\$0	\$0	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in February; Devolution resolution approved by TC in Nov 2014 (#TC-3198); Approval of Time Extension granted by TC in April 2015 (#TC-15-3-5).
2-5	19954	US 160 Turnouts	\$1,015,000	\$1,015,000	\$0	\$840,000	\$840,000	\$0	\$0	\$175,000	\$0	\$0	\$0	RAMP Funding Approved by TC in February
2-7	19965	US 24 Business Route Devolution (cash payment)	\$2,602,475	\$2,602,475	\$0	\$2,602,475	\$2,602,475	\$0	\$0	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in February; Devolution resolution approved by TC in Dec 2014 (#TC-3204).
2-20	19906	US 50 / Dozier / Steinmeier Intersection / Signal Improvements (companion project to 2-9)	\$1,500,000	\$1,500,000	\$0	\$1,200,000	\$1,200,000	\$0	\$300,000	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in February
2-21	18331 19039	I-25 and Cimarron Interchange Reconstruction	\$95,000,000	\$113,624,588	-\$18,624,588	\$24,000,000	\$26,531,138	-\$2,531,138	\$8,050,000	\$0	\$2,050,000	\$79,043,450	\$14,043,450	RAMP Funding Approved by TC in March; RAMP Contingency, RPP, LA Funding approved by TC in RAMP Program Controls Workshop (December 2014) and resolved in the 6th Supplement FY15 (#TC-3214, walk-on).
2-22	18367	I-25 Fillmore Interchange Diverging Diamond Interchange (DDI) Conversion	\$21,300,000	\$23,300,000	-\$2,000,000	\$11,000,000	\$11,700,000	-\$700,000	\$1,300,000	\$7,000,000	\$1,300,000	\$3,300,000	\$0	RAMP Funding Approved by TC in February
2-23	19522	SH 21 / Old Ranch Rd. Interchange Completion	\$9,266,000	\$10,333,779	-\$1,067,779	\$600,000	\$600,000	\$0	\$8,600,000	\$0	\$600,000	\$1,133,779	\$467,779	RAMP Funding Approved by TC in February
2-31	19205 19208 19408	I-25 Ilex to 1st St. in Pueblo (includes devolution match in RAMP request)	\$33,200,000	\$42,153,270	-\$8,953,270	\$22,000,000	\$30,953,270	-\$8,953,270	\$1,200,000	\$0	\$0	\$10,000,000	\$0	RAMP Funding Approved by TC in February; Additional RAMP Funding Approved by TC in the 5th Supplement FY15 (November 2014) (#TC-3208).
2-33	19056 19751	US 50 / SH 45 Interchange, Wills to Purcell-Pueblo (companion project 2-10)	\$10,000,000	\$10,075,452	-\$75,452	\$5,000,000	\$5,000,000	\$0	\$0	\$0	\$0	\$5,075,452	-\$75,452	RAMP Funding Approved by TC in February; Awarded bid includes companion FY16 Surface Treatment project (\$1.6M).
3-6	20087	SH 6/SH13 in Rifle Devolution	\$5,600,000	\$5,600,000	\$0	\$5,600,000	\$5,600,000	\$0	\$0	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in February; Devolution resolution approved by TC in Dec 2014 (#TC-3203).
3-9	19094	I-70 Vail Underpass (Simba Run)	\$20,800,000	\$30,100,000	-\$9,300,000	\$14,600,000	\$21,170,000	-\$6,570,000	\$6,000,000	\$0	\$0	\$2,930,000	\$0	RAMP Funding Approved by TC in February; RAMP Contingency Funding & Local Cash match approved by TC in PMO Workshop and resolved in the 12th Supplement FY15 (June 2015).
3-12/29	19930	SH 9 - Frisco to Breckenridge: Iron Springs Phase and Vail Pass Multi-Use Path Devolution	\$21,985,000	\$27,487,269	-\$5,502,269	\$17,500,000	\$21,989,815	-\$4,489,815	\$1,012,454	\$4,485,000	\$1,012,454	\$0	\$0	RAMP Funding Approved by TC in February; RAMP Contingency Funding & Local Cash match approved by TC in PMO Workshop and resolved in the 1st Supplement FY16 (July 2015).
3-14	19459	I-70 Eagle Interchange Upgrade	\$9,887,365	\$9,887,365	\$0	\$3,500,000	\$3,500,000	\$0	\$3,437,364	\$0	\$0	\$2,950,001	\$0	RAMP Funding Approved by TC in February
3-24	19911	I-70 Exit 31 Horizon Drive	\$5,000,000	\$6,312,300	-\$1,312,300	\$4,000,000	\$4,423,000	-\$423,000	\$1,624,300	\$0	\$624,300	\$265,000	\$0	RAMP Funding Approved by TC in February; RAMP Contingency Funding & Local Cash match approved by TC in PMO Workshop and resolved in the 11th Supplement FY15 (May 2015); Additional Local Contribution Funds added in July 2015 to award the project.
3-31	19874	US 40 Improvements in Fraser	\$1,950,390	\$2,145,320	-\$194,930	\$1,267,754	\$1,394,458	-\$126,704	\$750,862	\$0	\$68,226	\$0	\$0	RAMP Funding Approved by TC in February
3-40	19910	SH 9 Grand County Safety Improvement Project	\$46,000,000	\$52,627,747	-\$6,627,747	\$36,222,000	\$42,849,747	-\$6,627,747	\$9,200,000	\$0	-\$522,000	\$578,000	\$522,000	RAMP Funding Approved by TC in February; RAMP Contingency Funding approved by TC in RAMP Program Controls Workshop (December 2014) and resolved in the 6th Supplement FY15 (#TC-3214, walk-on).
4-6	19893	US 34 in Estes Park Improvements and Devolution	\$16,000,000	\$16,005,000	-\$5,000	\$4,200,000	\$4,200,000	\$0	\$0	\$0	\$0	\$11,805,000	\$5,000	RAMP Funding Approved by TC in February; Devolution resolution approved by TC in Nov 2014 (#TC-3199).

Tracking #	PCN	Project Name	Original TC Approved Total Project Cost	Current TC Approved Total Project Cost	** Total Project Cost Delta	Original TC Approved RAMP Request	Current TC Approved RAMP Request	** RAMP Request Delta	Local Contribution	In Kind Contribution	Local Delta	Other Funds	Other Funds Delta	Status through October TC
4-20	12372 18401 19561 20632	North College / US 287 Conifer to Laporte Bypass	\$36,000,000	\$43,833,509	-\$7,833,509	\$17,500,000	\$25,333,509	-\$7,833,509	\$4,648,500	\$0	\$248,500	\$13,851,500	-\$90,818	RAMP Funding Approved by TC in February; Additional RAMP Funding Approved by TC in the 2nd Supplement FY16 (Aug 2015)(#TC-15-8-7).
4-25	19889	SH 14 / Greenfields Ct. - Frontage Rd. Relocation and Intersection Improvements	\$2,100,000	\$2,100,000	\$0	\$1,680,000	\$1,680,000	\$0	\$420,000	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in March
4-28	19891	SH 392 & CR 47 Intersection Safety Improvements	\$3,685,180	\$3,685,180	\$0	\$1,842,590	\$1,842,590	\$0	\$1,842,590	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in February
4-29	19890	US 34 & CR 49 Intersection Safety Improvements	\$2,200,000	\$2,200,000	\$0	\$1,500,000	\$1,500,000	\$0	\$700,000	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in February
4-30	19892	SH 392 & CR 74 Intersection Safety Improvements	\$2,249,875	\$2,249,875	\$0	\$1,000,000	\$1,000,000	\$0	\$1,249,875	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in February
4-34/51/52	19894 20204 20203 20700	Turning Lanes at US 34 and County Road H / US 385 & YCR 33.6 / US 34 & YCR J	\$1,752,000	\$1,591,000	\$161,000	\$944,200	\$944,200	\$0	\$0	\$627,000	\$0	\$19,800	-\$161,000	RAMP Funding Approved by TC in February
4-54	18397	SH 119 Diagonal: 30th to Foothills Parkway Multi-modal Improvements Project	\$5,570,000	\$5,570,000	\$0	\$4,456,000	\$4,456,000	\$0	\$1,114,000	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in February
4-58	19888	SH 119 Boulder Canyon Trail Extension	\$5,466,350	\$5,466,350	\$0	\$4,373,080	\$4,373,080	\$0	\$1,093,270	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in March
5-6	19909	US 550 Sky Rocket Box Culvert Replacement	\$2,000,000	\$2,000,000	\$0	\$1,600,000	\$1,600,000	\$0	\$400,000	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in February
5-8	19908	SH 172 / 151 Signalization	\$1,800,000	\$1,800,000	\$0	\$1,430,000	\$1,430,000	\$0	\$370,000	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in February
5-10	19902	US 160 / Wilson Gulch Road Extension	\$6,400,000	\$6,400,000	\$0	\$4,288,000	\$4,288,000	\$0	\$2,112,000	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in February
5-13	19397	SH 145 at CR P Safety Improvements	\$1,660,194	\$1,660,194	\$0	\$1,577,185	\$1,577,185	\$0	\$83,036	\$0	\$0	-\$27	\$0	RAMP Funding Approved by TC in February
5-14	18972	US 285 Antonito Storm Drain System Replacement	\$2,742,429	\$3,343,337	-\$600,908	\$2,193,944	\$2,794,852	-\$600,908	\$100,000	\$448,485	\$0	\$0	\$0	RAMP Funding Approved by TC in February; Additional RAMP Funding approved by TC in 6th Supplement FY15 (December 2014); Awarded bid includes approved Surface Treatment project (\$7.02M).
5-15	19411	SH 62 Ridgway Street Improvements (pending approval of local match)	\$13,791,257	\$13,291,257	\$500,000	\$10,494,509	\$10,494,509	\$0	\$2,000,000	\$796,748	\$0	\$0	-\$500,000	RAMP Funding Approved by TC in February
5-18	19643	US 24 Enhancement Project in Buena Vista	\$2,497,090	\$2,497,090	\$0	\$1,997,090	\$1,997,090	\$0	\$500,000	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in February
38	TC Approved or Staff Recommends Budgeting Funds (Group 1)		\$587,232,188	\$654,646,880	-\$67,414,692	\$349,579,634	\$394,414,441	-\$44,834,807	\$95,448,251	\$13,532,233	\$5,381,480	\$151,251,955	\$14,210,959	

Tracking #	PCN	Project Name	Original TC Approved Total Project Cost	Current TC Approved Total Project Cost	** Total Project Cost Delta	Original TC Approved RAMP Request	Current TC Approved RAMP Request	** RAMP Request Delta	Local Contribution	In Kind Contribution	Local Delta	Other Funds	Other Funds Delta	Status through October TC
														None
	Staff Recommends Budgeting Funds (Group 2)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	

Tracking #	PCN	Project Name	Original TC Approved Total Project Cost	Current TC Approved Total Project Cost	** Total Project Cost Delta	Original TC Approved RAMP Request	Current TC Approved RAMP Request	** RAMP Request Delta	Local Contribution	In Kind Contribution	Local Delta	Other Funds	Other Funds Delta	Status through October TC
														None
	Staff Recommends Further Development (Group 3)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	

38	SUB-TOTAL Public-Public Partnership Projects		\$587,232,188	\$654,646,880	-\$67,414,692	\$349,579,634	\$394,414,441	-\$44,834,807	\$95,448,251	\$13,532,233	\$5,381,480	\$151,251,955	\$14,210,959	
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Tracking #	PCN	Project Name	Original TC Approved Total Project Cost	Current TC Approved Total Project Cost	** Total Project Cost Delta	Original TC Approved RAMP Request	Current TC Approved RAMP Request	** RAMP Request Delta	Local Contribution	In Kind Contribution	Local Delta	Other Funds	Other Funds Delta	Status through October TC
2-27	-	I-25A Exit 18 NW Frontage Rd Devolution	\$110,544	\$0	\$110,544	\$110,544	\$0	\$110,544						Local Agency Withdrew Project in December 2013
2-29	-	I-25 Exit 11 SW Frontage Rd Devolution	\$155,307	\$0	\$155,307	\$155,307	\$0	\$155,307						Local Agency Withdrew Project in December 2013
2	Projects that have been Withdrawn (Group 4)		\$265,851	\$0	\$265,851	\$265,851	\$0	\$265,851						

40	TOTAL Public-Public Partnership Projects		\$587,498,039	\$654,646,880	-\$67,148,841	\$349,845,485	\$394,414,441	-\$44,568,956	\$95,448,251	\$13,532,233	\$5,381,480	\$151,251,955	\$14,210,959	
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Percentage over Transportation Commission Approved Amount

11.43%

12.74%

Program totals are currently in excess of original TC approved program total plus 3.5%. The TC must budget additional project funds per PD 703.0 and resolution TC#-3209, Establishment of RAMP Program Project Controls.

Key	
TC Approved or Staff Recommends Budgeting Funds (Group 1)	
Staff Recommends Budgeting Funds (Group 2)	
Staff Recommends Further Development (Group 3)	
Projects that have been Withdrawn or Removed (Group 4)	

** Numbers are shown as a COST VARIANCE	
-\$4,800.00	Numbers shown in red or with a negative represent an overage
\$6,000.00	Numbers shown in green represent an underage

Tracking #	PCN	Project Name	Original TC Approved Total Project Cost	Current TC Approved Total Project Cost	** Total Project Cost Delta	Original TC Approved RAMP Request	Current TC Approved RAMP Request	** RAMP Request Delta	Local Contribution	In Kind Funds	Local Delta	Other Funds	Other Funds Delta	Status through October TC	
Group 1	1-09	19474 19984 20092 20306 20307 20308 20309	I-70 Eastbound Peak Period Shoulder Lanes	\$34,000,000	\$78,487,480	-\$44,175,026	\$20,000,000	\$26,998,000	-\$6,998,000	\$500,000	\$0	\$0	\$50,989,480	\$37,489,480	RAMP Funding Approved for Construction Pkg 2 by TC in 2nd Supplement FY15 (August 2014) (#TC-3188); Other Funds includes \$4.6M from HPTC RAMP Funding which may be returned upon closure of commercial loan; Included as an informational item in the 5th Supplement FY15 (November 2014); Other Funds includes HPTC Loan funding for Construction Package 3 design services and procurement of long lead time items (backed by RPP funds until closure of HPTC loan); Included as an informational item in the 6th Supplement FY15 (December 2014); Other Funds includes HPTC Loan, Safety, and ITS funding for Construction Package 3; CMGC execution date estimated February 2015 (in conjunction with CBE project). Other Funding Approved for Construction Pkg 3 by TC in the PMO Workshop and resolved in the 9th Supplement FY15 (March 2015)(#TC-15-3-11);
	1-27	20063	SH-74 South of El Rancho Safety Shoulders	\$57,947	\$55,000	\$2,947	\$57,947	\$55,000	\$2,947	\$0	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in February
	1-41	19978	State Highway Signal Upgrades: Phase I - Colfax Signals	\$2,495,000	\$3,486,615	-\$991,615	\$2,200,000	\$2,200,000	\$0	\$0	\$1,286,615	\$991,615	\$0	\$0	RAMP Funding Approved by TC in February; Local Partner has committed additional funds;
	1-42	19979	State Highway Signal Upgrades: Phase III - Denver Slipfit												
	1-44	19980	State Highway Signal Upgrades: Phase I - Santa Fe and Evans												
	1-51	20070	Continuous Flow Metering (CFM), Weight-in-Motion (WIM), and Relocated Portal Attendant Stations at Eisenhower-Johnson Memorial Tunnel (EJMT)	\$2,575,000	\$2,529,035	\$45,965	\$2,575,000	\$2,529,035	\$45,965	\$0	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in February
	1-53	20182	New Traffic Signal Controllers for Congested Corridors in the Denver Metropolitan Area	\$1,060,000	\$1,060,000	\$0	\$1,060,000	\$1,060,000	\$0	\$0	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in March
	1-54	19958	I-76 at 88th Ave. Interchange Improvements (MP 10)	\$1,050,000	\$2,633,693	-\$1,583,693	\$1,050,000	\$1,583,693	-\$533,693	\$0	\$0	\$0	\$1,050,000	\$1,050,000	RAMP Funding Approved by TC in March Additional RAMP Funding and Other CDOT Program Funds Approved by TC in the 10th Supplement FY15 (May 2015)(#TC-15-4-5).
	1-63	20089	I-70 at Grapevine Rd. (MP 256.0)	\$189,000	\$344,342	-\$155,342	\$189,000	\$296,091	-\$107,091	\$0	\$0	\$0	\$48,251	\$0	RAMP Funding Approved by TC in February Additional RAMP Funding Approved by TC in 5th Supplement FY15 (November 2014) (#TC-3208); An additional \$20K added for Safety concerns post-award in June 2015.
	1-77	20202	New Ramp Meters and Ramp Meter Upgrades	\$965,000	\$998,639	-\$33,639	\$965,000	\$998,639	-\$33,639	\$0	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in 1st Supplement FY15 (July 2014) (#TC-3177, walk-on); Additional RAMP Funding Approved by TC in the 3rd Supplement FY15 (September 2014) (#TC-3194).
	1-81	19086	US 40 Berthoud Pass Remote Avalanche Control System Pilot Program	\$1,000,000	\$1,275,000	-\$275,000	\$1,000,000	\$1,000,000	\$0	\$225,000	\$0	\$225,000	\$50,000	\$50,000	RAMP Funding Approved by TC in 1st Supplement FY15 (July 2014) (#TC-3177); Local Partner committed to providing additional funds; RAMP ID # changed from 3-51 to 1-81.
	2-08	19905	US 24 / Judge Orr Rd. Intersection Improvement	\$2,000,000	\$200,000	\$1,800,000	\$2,000,000	\$200,000	\$1,800,000	\$0	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in February; RAMP Funding Withdrawn with TC Approval in the 9th Supplement FY15 (March 2015)(#TC-15-3-11); Project will be shelved until other funding is made available.
	2-09	19906	US 50 / Dozier Ave. Intersection Improvement (companion project Partnership 2-20)	\$1,000,000	\$1,000,000	\$0	\$1,000,000	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in February
	2-10	19751	US 50 / Purcell and US 50 / McCulloch Intersection Improvement (companion project Partnership 2-33)	\$1,200,000	\$1,200,000	\$0	\$1,200,000	\$1,200,000	\$0	\$0	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in February
	2-17	19884	US 50 / 32nd Ln., US 50 / Cottonwood Ave., US 50 / 34th Ln. Intersection Improvements	\$1,500,000	\$5,800,000	-\$4,300,000	\$1,500,000	\$3,300,000	-\$1,800,000	\$0	\$0	\$0	\$2,500,000	\$2,500,000	RAMP Funding Approved by TC in February; Additional RAMP Funding and Other Funds Approved by TC in the 9th Supplement FY15 (March 2015)(#TC-15-3-11).
	3-33	19490	I-70 Vail Chain Station Improvements	\$4,500,000	\$6,535,000	-\$2,035,000	\$4,500,000	\$6,535,000	-\$2,035,000	\$0	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in February; RAMP Funding withdrawn from RAMP Ops project #3-34; Approved by TC in the 12th Supplement FY15 (June 2015)(#TC-15-6-6); Additional RAMP Funding reallocated from RAMP Ops project #3-34; Approved by the TC in the 3rd Supplement FY16 (Sept 2015).
	3-34	19875	I-70 Glenwood Canyon Variable Speed Signing	\$2,200,000	\$165,000	\$2,035,000	\$2,200,000	\$165,000	\$2,035,000	\$0	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in February; RAMP Funding Withdrawn with TC Approval in the 12th Supplement FY15 (June 2015)(#TC-15-6-6); Additional RAMP Funding reallocated to RAMP Ops project #3-33 with TC Approval in the 3rd Supplement FY16 (Sept 2015); Project to remain shelved until other funding is made available.
	4-13	19960	Adaptive Signal Control - US 85 Greeley	\$750,000	\$750,000	\$0	\$600,000	\$600,000	\$0	\$0	\$150,000	\$0	\$0	\$0	RAMP Funding Approved by TC in February; Bundled project advertisement with RAMP Ops #4-41 (see below).
	4-35	19886	Loveland I-25 and Crossroads Blvd. Anti-icing Spray System	\$250,000	\$250,000	\$0	\$200,000	\$200,000	\$0	\$50,000	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in February
	4-36	19887	Loveland Road Weather Information System (RWIS) Update / Expansion	\$380,000	\$380,000	\$0	\$304,000	\$304,000	\$0	\$76,000	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in February
4-41	19959	Adaptive signals on US 34 Bypass in Greeley	\$500,000	\$646,448	-\$146,448	\$400,000	\$546,448	-\$146,448	\$0	\$100,000	\$0	\$0	\$0	RAMP Funding Approved by TC in February; Bundled with RAMP Ops #4-13; TC Approved additional RAMP Funding via the 3rd Supplement FY16 (Aug 2015).	
4-42	19963	Fiber Optics and ITS Devices on I-76	\$11,000,000	\$4,475,000	\$6,525,000	\$5,000,000	\$4,475,000	\$525,000	\$0	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in February; Partial RAMP Funds reallocated to RAMP Ops project #4-50 with TC Approval in the 9th Supplement FY15 (March 2015)(#TC-15-3-11).	
4-44/4-49	19961	Adaptive Signals on SH 119 Airport Rd. to Zlaten Dr. in Longmont / Adaptive Signals on SH 119: I-25 to WCR 3.5	\$1,850,000	\$1,850,000	\$0	\$1,680,000	\$1,680,000	\$0	\$0	\$170,000	\$0	\$0	\$0	RAMP Funding Approved by TC in February	

Tracking #	PCN	Project Name	Original TC Approved Total Project Cost	Current TC Approved Total Project Cost	** Total Project Cost Delta	Original TC Approved RAMP Request	Current TC Approved RAMP Request	** RAMP Request Delta	Local Contribution	In Kind Funds	Local Delta	Other Funds	Other Funds Delta	Status through October TC
4-50	19962	Fiber Optic Communication from I-25 to CDOT West Yard	\$1,700,000	\$2,225,000	-\$525,000	\$1,700,000	\$2,225,000	-\$525,000	\$0	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in February; Additional RAMP Funds reallocated from RAMP Ops project #4-42 with TC Approval in the 9th Supplement FY15 (March 2015)(#TC-15-3-11)
4-66	20059	Adaptive Traffic Signals System along US 287 (Main St.) in Longmont	\$1,760,000	\$1,760,000	\$0	\$1,100,000	\$1,100,000	\$0	\$0	\$600,000	-\$60,000	\$60,000	\$60,000	RAMP Funding Approved by TC in February
5-03	20061	US 160 Corridor Signalized Intersection Improvements and Signal Coordination	\$3,757,844	\$3,753,865	\$3,979	\$3,757,844	\$3,753,865	\$3,979	\$0	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in February
O-01	20179	Fiber Optic Backbone - I-25 (Pueblo to Walsenburg); and US 285 (C-470 to Conifer)	\$7,000,000	\$7,000,000	\$0	\$3,500,000	\$3,500,000	\$0	\$0	\$0	\$0	\$3,500,000	\$0	RAMP Funding Approved by TC in February
O-02	-	I-70 Mountain Corridor Wireless Improvement	\$5,300,000	\$5,300,000	\$0	\$1,700,000	\$1,700,000	\$0	\$0	\$0	\$0	\$3,600,000	\$0	RAMP Funding Approved by TC in February
O-03	20378	CDOT ITS Information Kiosks- Pilot Project	\$480,000	\$480,000	\$0	\$480,000	\$480,000	\$0	\$0	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in February
O-04	20222	Regional Satellite Solar Powered Cameras (LiveView)	\$1,750,000	\$1,750,000	\$0	\$1,750,000	\$1,750,000	\$0	\$0	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in February
O-06	20181	Enhanced Traffic Incident Management Software - Phase I	\$3,700,000	\$3,700,000	\$0	\$3,000,000	\$3,000,000	\$0	\$0	\$0	\$0	\$700,000	\$0	RAMP Funding Approved by TC in February
O-07	20234	Enhanced Incident Management Software - Phase II	\$2,000,000	\$2,000,000	\$0	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in June (#TC-3168)
O-08	20233	Integration of CAD Dispatch Systems - Phase I	\$250,000	\$250,000	\$0	\$250,000	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in June (#TC-3168)
O-09	20249	Upgrade Snow Plows with Advanced Instrumentation	\$300,000	\$300,000	\$0	\$300,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in June (#TC-3168)
O-10	20251	Maintenance Decision Support System (MDSS)	\$250,000	\$250,000	\$0	\$250,000	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in June (#TC-3168)
O-11	19782 20166	I-25: Expansion of Traffic and Weather Surveillance	\$2,200,000	\$5,200,000	-\$3,000,000	\$2,200,000	\$2,200,000	\$0	\$0	\$0	\$0	\$3,000,000	\$3,000,000	RAMP Funding Approved by TC in June (#TC-3168)
O-12	20236	I-70: Expansion of Traffic and Weather Surveillance	\$2,500,000	\$7,900,000	-\$5,400,000	\$2,500,000	\$2,500,000	\$0	\$0	\$0	\$0	\$5,400,000	\$5,400,000	RAMP Funding Approved by TC in June (#TC-3168)
O-13	20232	Enhancing Incident Detection Capabilities	\$300,000	\$300,000	\$0	\$300,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in June (#TC-3168)
O-14	20238	Operation Data Integration	\$500,000	\$900,000	-\$400,000	\$500,000	\$500,000	\$0	\$0	\$0	\$0	\$400,000	\$400,000	RAMP Funding Approved by TC in June (#TC-3168)
O-15	20250	On-Scene Incident Command Vehicles Communication Equipment	\$182,000	\$182,000	\$0	\$182,000	\$182,000	\$0	\$0	\$0	\$0	\$0	\$0	RAMP Funding Approved by TC in June (#TC-3168)
40	Staff Recommends Budgeting Funds (Group 1)		\$104,451,791	\$157,372,117	-\$52,607,872	\$75,150,791	\$82,916,771	-\$7,765,980	\$851,000	\$2,306,615	\$1,156,615	\$71,297,731	\$49,949,480	

Tracking #	PCN	Project Name	Original TC Approved Total Project Cost	Current TC Approved Total Project Cost	** Total Project Cost Delta	Original TC Approved RAMP Request	Current TC Approved RAMP Request	** RAMP Request Delta	Local Contribution	In Kind Funds	Local Delta	Other Funds	Other Funds Delta	Status through October TC
														None
	Staff Recommends Budgeting Funds (Group 2)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	

Tracking #	PCN	Project Name	Original TC Approved Total Project Cost	Current TC Approved Total Project Cost	** Total Project Cost Delta	Original TC Approved RAMP Request	Current TC Approved RAMP Request	** RAMP Request Delta	Local Contribution	In Kind Funds	Local Delta	Other Funds	Other Funds Delta	Status through October TC
														None
	Staff Recommends Further Development (Group 3)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	

40	SUB-TOTAL Operations Projects		\$104,451,791	\$157,372,117	-\$52,607,872	\$75,150,791	\$82,916,771	-\$7,765,980	\$851,000	\$2,306,615	\$1,156,615	\$71,297,731	\$49,949,480	
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Tracking #	PCN	Project Name	Original TC Approved Total Project Cost	Current TC Approved Total Project Cost	** Total Project Cost Delta	Original TC Approved RAMP Request	Current TC Approved RAMP Request	** RAMP Request Delta	Local Contribution	In Kind Funds	Local Delta	Other Funds	Other Funds Delta	Status through October TC
1-56	20071 20302	US 285 at Mount Evans Blvd./Pine Valley Rd. (MP 229)	\$422,000	\$0	\$422,000	\$422,000	\$0	\$422,000	\$0	\$0	\$0	\$0	\$0	CDOT Staff Recommends Withdrawing Project; TC Informed in November 2015
1-59	20090	SH 86 Intersection Improvement at Crowfoot Valley Rd. (MP 101.53)	\$516,000	\$0	\$516,000	\$516,000	\$0	\$516,000	\$0	\$0	\$0	\$0	\$0	CDOT Staff Recommends Withdrawing Project; TC Informed in March 2014
2	Projects that have been Withdrawn (Group 4)		\$938,000	\$0	\$938,000	\$938,000	\$0	\$938,000						

42	TOTAL Operations		\$105,389,791	\$157,372,117	-\$51,669,872	\$76,088,791	\$82,916,771	-\$6,827,980	\$851,000	\$2,306,615	\$1,156,615	\$71,297,731	\$49,949,480	
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Percentage over Transportation Commission Approved Amount

49.03%

8.97%

Program \$156,139,550

Program \$85,706,243

Remainder -\$1,232,567

Remainder \$2,454,472

Proposed Total Program Funding Amount per the 4th Supplement FY15 (October 2014). When approved funding amount (by TC and staff action) is below this amount, staff may budget additional project funds per PD 703.0 and per resolution TC#-3209, Establishment of RAMP Program Project Controls.