

STATE OF COLORADO

DEPARTMENT OF TRANSPORTATION



DATE: March 19, 2014
TO: Transportation Commission
FROM: Scott Richrath, Chief Financial Officer
Scott McDaniel, Acting Chief Engineer
SUBJECT: RAMP Partnership and Operations Projects

Purpose

This workshop and memorandum provide an update to the Commission on the RAMP Partnership and Operations projects.

Action Requested

The Commission is requested to pass a resolution (1) approving certain Operations projects and preliminarily budget 5% of the project costs to begin project development, (2) authorize the budgeting of RAMP funding outlined below for recommended projects, and (3) increase preliminary budget from 5% to 10% for one specific project. Staff will display in Group 1 (Green) and 2 (Yellow) any projects it recommends to obtain Commission approval.

Background

Resolution Number TC-3106 which was passed at the October 2013 commission meeting approved four public-private (P3) projects, forty public-public partnership projects, and thirty-one operations projects.

This list of projects approved in this resolution did not outline all of the Operations projects. CDOT staff has now formed the list of additional Operations projects for Commission to consider for development.

The resolution also required that scope, schedule and budget estimates be prepared by CDOT and the local partners involved to recommit to the projects by January 6, 2014. Local partners in flood affected areas were able to request an extension to April 7, 2014. Finally, the resolution authorized the Chief Financial Officer to budget up to five percent of the project cost so that the requirements of this resolution and the accelerated timetables of the RAMP program could both be met. CDOT staff has continued review of the scope, schedule, and budget estimates as well as the local partner's commitment and makes the recommendations noted in this memorandum.

Details

1. Attached is a list of ten Operations projects for Commission consideration to adopt into the RAMP program. These projects have been selected for their value to improve the overall transportation network performance. Approval by the Commission would authorize staff to budget up to 5% of the RAMP funding to develop more detailed scope, schedule and cost estimates before returning to the Commission for full project budget authorization.
2. There are a total of seventy-five (75) RAMP projects approved by commission action (seventy-six if the I-25 tolled Express Lanes is considered two projects). This includes the Westbound Twin Tunnel Widening project approved by Commission action in February. As reported in January, two (2) small public-public devolution projects were withdrawn by Larimer County. Last month, the Commission approved sixty-two projects for budgeting of RAMP funds.

This leaves eleven (11) projects of the previously approved projects for updating or action in this workshop, this includes the three projects in flood-affected areas that were approved for the extension to April 7, 2014.

3. The projects have been separated into four groups.

Group 1 (Green)	These projects do not have substantive changes from the scope, schedule and budget presented in the application. These projects are presented for Commission action and will be discussed only if the Commission has questions.
Group 2 (Yellow)	These projects have changes which staff does not consider substantive from the application, but do have changes that the Commission should be aware of. These projects are presented for Commission action and staff will discuss the changes.
Group 3 (Red)	These projects require additional Staff development such as scope adjustments to meet the original budget or alignment of non-RAMP funding. Staff continues to develop these projects and the Commission will be updated on the progress.
Group 4 (Black)	These projects have either been withdrawn by the local partner or are recommended by Staff for withdrawal from the RAMP program. No further work is being done to develop these projects.

4. The public-private project for Interstate-25: Tolled Express Lanes (120th to SH 7, and SH 7 north to SH14) is shown in Group 3 (projects requiring additional staff development). As this RAMP project is a Public-Private Partnership development project, staff recommends budgeting 5% today to bring the total Commission authorization for this to 10% of its total RAMP funding. Staff will continue development of designs and studies

needed to engage a private partner in this project. A memorandum from HTPE is attached that discusses the project status.

5. The Interstate-25 and Cimarron Interchange Reconstruction project is recommended this month for budgeting of RAMP funding. As discussed last month (and reported in supplemental information to the Commission), this project's RAMP application indicated the use of other CDOT funding sources (savings from other projects). This was part of the project's funding plan prior to July 1, 2013.

To uphold the funding commitment to the Cimarron project, staff is proposing that approximately \$7 million of Region 2 project savings be dedicated to this project.

It is important to note that the total project cost estimate for I-25/Cimarron has not increased since its RAMP application was approved.

6. Four Operations projects were retained last month for additional staff development as they were collectively estimated at 36% over the conceptual estimates used for the RAMP applications. After studying the projects, staff recommends removing one project from the program (SH 86 Intersection Improvement at Crowfoot Valley Rd) and has developed scopes and estimates for the others that are recommended for Commission approval.
7. After careful review and for the reasons described above, the staff recommends the Commission grant budget authority for all RAMP projects in Groups 1 and 2 shown on the attachment labeled "Partnership and Operations Projects - Staff Recommendation List 3/20/2014" with further Commission action.

8. For RAMP projects that remain under staff development (Group 3 – Red), the status is as follows.

Project	Status	Next Steps
HTPE P3 Development Fund (\$40,000,000 RAMP Request)	This RAMP funding request will advance to the Commission as individual needs for the development fund are identified.	
C-470 Managed Toll Express Lanes: Kipling to I-25 (\$100,000,000 RAMP Request)	This project continues to be developed. An Inter-Governmental Agreement (IGA) is being drafted with Douglas County for their contribution to construction. Staff does not recommend advancing RAMP funding until a Tolling & Revenue Study is completed. An FHWA Transportation Infrastructure Finance and Innovation Act (TIFIA) loan is also required to complete project financing.	A Level 2 Tolling & Revenue study will be complete in June 2014. An investment-grade revenue study will be completed in March 2015. Both of these steps are important to advancing the project.
Interstate 25 Tolled Express Lanes Public-Private Partnership (PPP) (\$90,000,000 RAMP Request for two segments)	Meetings held with potential private partners have shown that additional project development is needed before the Department and HPTE should begin the PPP contracting process. Staff is requesting additional funding for project development as described above.	Additional project development is needed, including considering different tolling scenarios, the development of right-of-way plans and beginning the right-of-way acquisition process. With this additional project development, HPTE and CDOT will prepare a scope, schedule and budget by December 31, 2014 for Commission consideration.
I-70 Eastbound Peak Period Shoulder Lanes / Greenway Design (\$20,000,000 RAMP Request)	The local partner's cost and contribution remain consistent with the RAMP application. There has been an increase in the cost estimate for CDOT's scope of this project which requires CDOT identify additional funding to complete the project. The project will advance for Commission action as soon as the scope and cost estimate is aligned.	A value engineering study will be completed in May to evaluate scope and cost. A TIGER grant is being considered, which could be available in September. Either of these steps could bring the project back to the Commission for additional action.

The following options have been identified for Transportation Consideration of these staff recommendations for RAMP projects.

Option A

Move Group 2 projects to Group 1 and pass the resolutions as recommended by staff. The CFO will have authorization to budget the RAMP funding on these projects without further action by the commission, 5% on the newly adopted Operations Projects, 10% for the I-25 North project and the remaining RAMP funding for the projects recommended by staff.

Option B

Pass the resolutions for selected projects on these lists, providing the CFO authorization described above. The Commission would provide direction for individual projects to be made consistent with the Commission's intention for the RAMP program and staff will work to that end.

Attachments

1. List of project recommended for the RAMP operations program – “RAMP Operations Projects – Recommendations 3/20/2014”
2. Complete list of RAMP Partnership and Operations projects – “RAMP Partnership and Operations - Program Summary 3-20-2014”
3. List of recommended projects including a summary of budget estimates - “Partnership and Operations Projects - Staff Recommendation List 3/20/2014”
4. HPTE memorandum dated February 28, 2014 regarding the “Extension of RAMP Deadline for I-25N Project”
5. Draft Commission Resolution

TC Approved Operations Projects				
Tracking #	Project Name	County	Total Project Cost	RAMP Request
N/A	Total of (31) Projects Selected by Commission Action	N/A	\$94,942,791	\$65,641,791
TOTAL - TC Approved Operations Projects			\$94,942,791	\$65,641,791
Candidate Operations Projects - Staff Recommendation 3/20/14				
Tracking #	Project Name	County	Total Project Cost	RAMP Request
O-7	Enhanced Incident Management Software - Phase II	Statewide	\$2,000,000	\$2,000,000
O-8	Integration of CAD Dispatch Systems - Phase I	Denver / Douglas / Adams / Arapahoe	\$250,000	\$250,000
O-9	Upgrade Snow Plows with Advanced Instrumentation	Denver / Clear Creek / Gilpin / Arapahoe / Douglas	\$300,000	\$300,000
O-10	Maintenance Decision Support System (MDSS)	Statewide	\$250,000	\$250,000
O-11	I-25: Expansion of Traffic and Weather Surveillance	Denver / Douglas / Adams / Arapahoe	\$2,200,000	\$2,200,000
O-12	I-70: Expansion of Traffic and Weather Surveillance	Clear Creek / Summit / Eagle / Jefferson	\$2,500,000	\$2,500,000
O-13	Enhancing Incident Detection Capabilities	Adams / Denver / Arapahoe	\$300,000	\$300,000
O-14	Operation Data Integration	Statewide	\$500,000	\$500,000
O-15	On-Scene Incident Command Vehicles Communication Equipment	Denver / Douglas / Adams / Arapahoe / Broomfield / Gilpin / Clear Creek / Summit	\$182,000	\$182,000
1-77	New Ramp Meters and Ramp Meter Upgrades	Denver / Douglas / Adams / Arapahoe / Clear Creek / Jefferson	\$965,000	\$965,000
3-51	US 40 Berthoud Pass Remote Avalanche Control System Pilot Program	Clear Creek / Grand	\$1,000,000	\$1,000,000
TOTAL - Candidate Operations Projects			\$10,447,000	\$10,447,000
TOTAL - Operations Projects			\$105,389,791	\$76,088,791

RAMP Partnership and Operations Projects - Program Summary 3/20/14

Public-Private Partnerships: HPTE P3 Projects				
Tracking #	Project Name	County	Total Project Cost	RAMP Request
1-2	C-470 Managed Tolle Express Lanes: Kipling to I-25 (pending P3 financial review and local govt. agreement)	Douglas	\$200,000,000	\$100,000,000
4-5(a)	I-25: 120th to SH 7* Tolle Express Lanes (pending local govt. agreement)	Broomfield / Weld	\$1,040,000,000	\$55,000,000
4-5(b)	I-25: SH 7 North Tolle Express Lanes			\$35,000,000
N/A	WB Twin Tunnels Expansion	Clear Creek	\$55,000,000	\$48,000,000
N/A	HPTE P3 Development Fund	N/A	>\$200,000,000	\$40,000,000
TOTAL- Public-Private Partnerships: HPTE P3 Projects			>\$1,495,000,000	\$278,000,000

*4-5a in Region 1, 4-5b in Region 4

Strikethrough indicates a project that has been withdrawn after TC approval on 10/16/2013.

Public-Public Partnership Projects: Large Projects \$20 M +				
Tracking #	Project Name	County	Total Project Cost	RAMP Request
1-15	US 6 and 19th St. Intersection Grade Separation	Jefferson	\$25,000,000	\$20,000,000
1-19	Colorado Blvd. in Idaho Springs Final Phase and Devolution	Clear Creek	\$21,900,000	\$21,900,000
1-37	Federal Blvd. 6th to Howard Reconstruction and Multimodal Improvements	Denver	\$29,203,881	\$23,363,105
1-46	I-25 and Arapahoe Rd. Interchange	Arapahoe	\$74,000,000	\$50,400,000
2-21	I-25 and Cimarron Interchange Reconstruction	El Paso	\$95,000,000	\$24,000,000
2-31	I-25 Ilex to 1st St. in Pueblo (includes devolution match in RAMP request)	Pueblo	\$33,200,000	\$22,000,000
3-40	SH 9 Grand County Safety Improvement Project	Grand	\$46,000,000	\$36,222,000
TOTAL- Public-Public Partnership Projects (Large)			\$324,303,881	\$197,885,105

Public-Public Partnership Projects: Medium Projects \$10 M - \$19.9 M				
Tracking #	Project Name	County	Total Project Cost	RAMP Request
1-7	Eisenhower-Johnson Memorial Tunnels (EJMT) Fire Suppression System	Clear Creek / Summit	\$25,000,000	\$9,000,000
1-14	SH 2 in Commerce City Widening and Devolution	Adams	\$20,800,000	\$13,600,000
2-22	I-25 Fillmore Interchange Diverging Diamond Interchange (DDI) Conversion	El Paso	\$21,300,000	\$11,000,000
3-9	I-70 Simba Run Underpass	Eagle	\$20,800,000	\$14,600,000
3-12/29	SH 9 - Frisco to Breckenridge: Iron Springs Phase and Vail Pass Multi-Use Path Devolution	Summit	\$21,985,000	\$17,500,000
4-20	North College / US 287 Conifer to Laporte Bypass	Larimer	\$36,000,000	\$17,500,000
5-15	SH 62 Ridgway Street Improvements (pending approval of local match)	Ouray	\$13,791,257	\$10,494,509
TOTAL- Public-Public Partnership Projects (Medium)			\$159,676,257	\$93,694,509

Public-Public Partnership Projects: Small Projects <\$10 M				
Tracking #	Project Name	County	Total Project Cost	RAMP Request
2-1	SH 67 in Victor Devolution (cash payment)	Teller	\$307,702	\$307,702
2-5	US 160 Turnouts	Huerfano	\$1,015,000	\$840,000
2-7	US 24 Business Route Devolution (cash payment)	El Paso	\$2,602,475	\$2,602,475
2-20	US 507 Dozier / Steinmeier Intersection / Signal Improvements (companion project to 2-9)	Fremont	\$1,500,000	\$1,200,000
2-23	SH 21 / Old Ranch Rd. Interchange Completion	El Paso	\$9,266,000	\$600,000
2-27	I-25A Exit 18 NW Frontage Rd. Devolution (cash payment)	Las Animas	\$110,544	\$110,544
2-29	I-25 Exit 11 SW Frontage Rd. Devolution (cash payment)	Las Animas	\$155,307	\$155,307
2-33	US 50 / SH 45 Interchange, Wills to Purcell-Pueblo (pending local govt. agreement) (includes devolution match in RAMP request)	Pueblo	\$10,000,000	\$5,000,000
3-6	SH 6 / SH 13 in Rifle Devolution	Garfield	\$5,600,000	\$5,600,000
3-14	I-70 Eagle Interchange Upgrade	Eagle	\$9,887,365	\$3,500,000
3-24	I-70 Exit 31 Horizon Drive	Mesa	\$5,000,000	\$4,000,000
3-31	US 40 Improvements in Fraser	Grand	\$1,950,390	\$1,267,754
4-6	US 34 in Estes Park Improvements and Devolution	Larimer	\$16,000,000	\$4,200,000
4-25	SH 14 / Greenfields Ct. - Frontage Rd. Relocation and Intersection Improvements	Larimer	\$2,100,000	\$1,680,000
4-28	SH 392 & CR 47 Intersection Safety Improvements	Weld	\$3,685,180	\$1,842,590
4-29	US 34 & CR 49 Intersection Safety Improvements	Weld	\$2,200,000	\$1,500,000
4-30	SH 392 & CR 74 Intersection Safety Improvements	Weld	\$2,249,875	\$1,000,000
4-34/51/52	Turning Lanes at US 34 and County Road H / US 385 & YCR 33.6 / US 34 & YCR J	Yuma	\$1,752,000	\$944,200
4-54	SH 119 Diagonal: 30th to Foothills Parkway Multi-modal Improvements Project	Boulder	\$5,570,000	\$4,456,000
4-58	SH 119 Boulder Canyon Trail Extension	Boulder	\$5,466,350	\$4,373,080
5-6	US 550 Sky Rocket Box Culvert Replacement	Ouray	\$2,000,000	\$1,600,000
5-8	SH 172 / 151 Signalization	La Plata	\$1,800,000	\$1,430,000
5-10	US 160 / Wilson Gulch Road Extension	La Plata	\$6,400,000	\$4,288,000
5-13	SH 145 at CR P Safety Improvements	Montezuma	\$1,660,194	\$1,577,185
5-14	US 285 Antonito Storm Drain System Replacement	Conejos	\$2,742,429	\$2,193,944
5-18	US 24 Enhancement Project in Buena Vista	Chaffee	\$2,497,090	\$1,997,090
TOTAL- Public-Public Partnership Projects (Small)			\$103,517,901	\$58,265,871
TOTAL- Public-Public Partnership Projects			\$587,498,039	\$349,845,485

Operations Projects				
Tracking #	Project Name	County	Total Project Cost	RAMP Request
1-9	I-70 Eastbound Peak Period Shoulder Lanes	Clear Creek	\$34,000,000	\$20,000,000
1-27	SH-74 South of El Rancho Safety Shoulders	Jefferson	\$57,947	\$57,947
1-41	State Highway Signal Upgrades - Phase I - Cofax Signals	Denver	\$1,405,000	\$1,300,000
1-42	State Highway Signal Upgrades - Phase III - Denver Slipfit Traffic Signals	Denver	\$505,000	\$400,000
1-44	State Highway Signal Upgrades - Phase I - Santa Fe and Evans Traffic Signal	Denver	\$585,000	\$500,000
1-51	Continuous Flow Metering (CFM), Weight-in-Motion (WIM), and Relocated Portal Attendant Stations at Eisenhower-Johnson Memorial Tunnel (EJMT)	Summit / Clear Creek	\$2,575,000	\$2,575,000
1-53	New Traffic Signal Controllers for Congested Corridors in the Denver Metropolitan Area	Arapahoe / Broomfield / Denver / Jefferson	\$1,060,000	\$1,060,000
1-54	I-76 at 88th Ave. Interchange Improvements (MP 10)	Adams	\$1,050,000	\$1,050,000
1-56	US 285 at Mount Evans Blvd./Pine Valley Rd. (MP 229)	Jefferson	\$422,000	\$422,000
1-59	SH 66 Intersection Improvement at Crowfoot Valley Rd. (MP 101.53)	Douglas	\$516,000	\$516,000
1-63	I-70 at Grapevine Rd. (MP 256.0)	Jefferson	\$189,000	\$189,000
2-8	US 24 / Judge Orr Rd. Intersection Improvement	El Paso	\$2,000,000	\$2,000,000
2-9	US 50 / Dozier Ave. Intersection Improvement (companion project to 2-20)	Fremont	\$1,000,000	\$1,000,000
2-10	US 50 / Purcell and US 50 / McCulloch Intersection Improvement	Pueblo	\$1,200,000	\$1,200,000
2-17	US 50 / 32nd Ln., US 50 / Cottonwood Ave., US 50 / 34th Ln. Intersection Improvements	Pueblo	\$1,500,000	\$1,500,000
3-33	I-70 Vail Chain Station Improvements	Eagle	\$4,500,000	\$4,500,000
3-34	I-70 Glenwood Canyon Variable Speed Signing	Garfield / Eagle	\$2,200,000	\$2,200,000
4-13	Adaptive Signal Control - US85 Greeley	Weld	\$750,000	\$600,000
4-35	Loveland I-25 and Crossroads Blvd. Anti-Icing Spray System	Larimer	\$250,000	\$200,000
4-36	Loveland Road Weather Information System (RWIS) Update / Expansion	Larimer	\$380,000	\$304,000
4-41	Adaptive signals on US 34 Bypass in Greeley	Weld	\$500,000	\$400,000
4-42	Fiber Optics and ITS Devices on I-76	Weld / Morgan / Washington / Logan / Sedg.	\$11,000,000	\$5,000,000
4-44/49	Adaptive Signals on SH 119 Airport Rd. to Zlaten Dr. in Longmont / Adaptive Signals on SH 119: I-25 to WCR 3.5	Boulder / Weld	\$1,850,000	\$1,680,000
4-50	Fiber Optic Communication from I-25 to CDOT West Yard	Larimer / Weld	\$1,700,000	\$1,700,000
4-66	Adaptive Traffic Signals System along US 287 (Main St.) in Longmont	Boulder	\$1,760,000	\$1,100,000
5-3	US 160 Corridor Signalized Intersection Improvements and Signal Coordination	Montezuma / La Plata / Archuleta / Rio Grande	\$3,757,844	\$3,757,844
0-1	Fiber Optic Backbone - I-25(Pueblo to Walsenburg); and US 285 (C-470 to Conifer)	Huerfano / Pueblo / Jefferson	\$7,000,000	\$3,500,000
0-2	I-70 Mountain Corridor Wireless Improvement	Clear Creek / Summit	\$5,300,000	\$1,700,000
0-3	CDOT ITS Information Kiosks- Pilot Project	Statewide	\$480,000	\$480,000
0-4	Regional Satellite Solar Powered Cameras (LiveView)	Statewide	\$1,750,000	\$1,750,000
0-6	Enhanced Traffic Incident Management Software - Phase I	Statewide	\$3,700,000	\$3,000,000
TOTAL- TC Approved Operations Projects			\$94,942,791	\$65,641,791

Candidate Operations Projects - Staff Recommendation 3/20/14				
Tracking #	Project Name	County	Total Project Cost	RAMP Request
0-7	Enhanced Incident Management Software - Phase II	Statewide	\$2,000,000	\$2,000,000
0-8	Integration of CAD Dispatch Systems - Phase I	Denver / Douglas / Adams / Arapahoe	\$250,000	\$250,000
0-9	Upgrade Snow Plows with Advanced Instrumentation	Denver / Clear Creek / Gilpin / Arapahoe / Douglas	\$300,000	\$300,000
0-10	Maintenance Decision Support System (MDSS)	Statewide	\$250,000	\$250,000
0-11	I-25: Expansion of Traffic and Weather Surveillance	Denver / Douglas / Adams / Arapahoe	\$2,200,000	\$2,200,000
0-12	I-70: Expansion of Traffic and Weather Surveillance	Clear Creek / Summit / Eagle / Jefferson	\$2,500,000	\$2,500,000
0-13	Enhancing Incident Detection Capabilities	Adams / Denver / Arapahoe	\$300,000	\$300,000
0-14	Operation Data Integration	Statewide	\$500,000	\$500,000
0-15	On-Scene Incident Command Vehicles Communication Equipment	Denver / Douglas / Adams / Arapahoe / Broomfield / Gilpin / Clear Creek / Summit	\$182,000	\$182,000
1-77	New Ramp Meters and Ramp Meter Upgrades	Denver / Douglas / Adams / Arapahoe / Clear Creek / Jefferson	\$965,000	\$965,000
3-51	US 40 Berthoud Pass Remote Avalanche Control System Pilot Program	Grand / Clear Creek	\$1,000,000	\$1,000,000
TOTAL- Candidate Operations Projects			\$10,447,000	\$10,447,000
TOTAL- Operations Projects			\$105,389,791	\$76,088,791

Strikethrough indicates a project that staff has recommended be withdrawn after TC approval on 10/16/2013.

Partnership and Operations Projects - Staff Recommendation List 3/20/2014

Public-Private (HTPE) Partnership Projects

Key	
	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 with a negative represent an overage
\$6,000.00	Numbers shown in green represent an underage

Tracking #	Project Name	TC Approved Total Project Cost	Estimated Total Project Cost	Total Project Cost Delta	TC Approved RAMP Request	RAMP Request	RAMP Request Delta	Local Contribution	In Kind Contributions	Local Delta	Other Funds	Other Funds Delta	Recommendation
N/A	Total of (1) Project Approved by Commission Action in Feb 2014	\$55,000,000	\$55,000,000	\$0	\$48,000,000	\$48,000,000	\$0	\$0	\$0	\$0	\$7,000,000	\$0	TC Approved Funding
Group 1													
	Staff Recommends Budgeting Funds (Group 1)		\$55,000,000	\$55,000,000	\$0	\$48,000,000	\$48,000,000	\$0	\$0	\$0	\$0	\$7,000,000	\$0

Tracking #	Project Name	Total Project Cost	Estimated Total Project Cost	Total Project Cost Delta	TC Approved RAMP Request	RAMP Request	RAMP Request Delta	Local Contribution	In Kind Contributions	Local Delta	Other Funds	Other Funds Delta	Recommendation
Group 2													
	Staff Recommends Budgeting Funds (Group 2)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Tracking #	Project Name	Total Project Cost	Estimated Total Project Cost	Total Project Cost Delta	TC Approved RAMP Request	RAMP Request	RAMP Request Delta	Local Contribution	In Kind Contributions	Local Delta	Other Funds	Other Funds Delta	Recommendation	
Group 3	1-2	C-470 Managed Toll Express Lanes: Kipling to I-25	\$200,000,000	\$237,000,000	-\$37,000,000	\$100,000,000	\$137,000,000	-\$37,000,000	\$10,000,000	\$5,500,000	\$0	\$84,500,000	\$0	Staff Recommends Further Development
	4-5	I-25: Tolled Express Lanes: 120th to SH 7	\$1,040,000,000	\$1,040,000,000	\$0	\$55,000,000	\$55,000,000	\$0						HTPE has requested an extension from April 7th, 2014, to December 31st, 2014, to further refine and submit a more accurate scope, schedule, and budget to the Commission. Staff recommends TC approval to advance an additional 5% of the requested RAMP Funding for a total of 10% to continue preconstruction activities on along the I-25 North corridor; including design funds, ROW plans development, the beginning of the ROW acquisition process, and outreach to potential private partners.
	4-2	I-25: Tolled Express Lanes: SH 7 North to SH 14				\$35,000,000	\$35,000,000	\$0						
	N/A	HTPE P3 Development Fund	\$200,000,000	\$200,000,000	\$0	\$40,000,000	\$40,000,000	\$0	\$0	\$0	\$0	\$160,000,000	\$0	Staff Recommends Further Development
4	Staff Recommends Further Development (Group 3)		\$1,440,000,000	\$1,477,000,000	-\$37,000,000	\$230,000,000	\$267,000,000	-\$37,000,000	\$10,000,000	\$5,500,000	\$0	\$244,500,000	\$0	

4	SUB-TOTAL Public-Public Partnership Projects		\$1,495,000,000	\$1,532,000,000	-\$37,000,000	\$278,000,000	\$315,000,000	-\$37,000,000	\$10,000,000	\$5,500,000	\$0	\$251,500,000	\$0	
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Tracking #	Project Name	Total Project Cost	Estimated Total Project Cost	Total Project Cost Delta	TC Approved RAMP Request	RAMP Request	RAMP Request Delta	Local Contribution	In Kind Contributions	Local Delta	Other Funds	Other Funds Delta	Recommendation
Group 4													
	Projects that have been Withdrawn (Group 4)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

4	TOTAL Partnership Projects: HTPE P3 Projects		\$1,495,000,000	\$1,532,000,000	-\$37,000,000	\$278,000,000	\$315,000,000	-\$37,000,000	\$10,000,000	\$5,500,000	\$0	\$251,500,000	\$0	
	Percentage over Transportation Commission Approved Amount				2.42%			11.75%						

Partnership and Operations - Staff Recommendation List 3/20/2014

Public-Public Partnership Projects

Key	
	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 with a negative represent an overage
\$6,000.00	Numbers shown in green represent an underage

Tracking #	Project Name	TC Approved Total Project Cost	Estimated Total Project Cost	Total Project Cost Delta	TC Approved RAMP Request	RAMP Request	RAMP Request Delta	Local Contribution	In Kind Contributions	Local Delta	Other Funds	Other Funds Delta	Recommendation
N/A	Total of (35) Projects Approved by Commission Action in Feb 2014	\$484,165,838	\$485,500,155	-\$1,334,317	\$319,526,554	\$320,560,642	-\$1,034,088	\$89,553,501	\$6,713,033	\$2,018,226	\$68,713,006	\$2,695,000	TC Approved Funding
Group 1	4-25	SH 14 / Greenfields Ct. - Frontage Rd. Relocation	\$2,100,000	\$2,100,000	\$0	\$1,680,000	\$1,680,000	\$0	\$420,000	\$0	\$0	\$0	Scope, schedule, budget, and Evidence of Commitment Letters (EOCL) submitted prior to April 7th deadline. Staff Recommends Budgeting Funds
	4-58	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	
	2-21	I-25 and Cimarron Interchange Reconstruction	\$95,000,000	\$95,000,000	\$0	\$24,000,000	\$24,000,000	\$0	\$6,000,000	\$0	\$0	\$65,000,000	
3	Staff Recommends Budgeting Funds (Group 1)	\$586,732,188	\$588,066,505	-\$1,334,317	\$349,579,634	\$350,613,722	-\$1,034,088	\$97,066,771	\$6,713,033	\$2,018,226	\$133,713,006	\$2,695,000	
Group 2													None
		Staff Recommends Budgeting Funds (Group 2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Group 3													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	\$586,732,188	\$588,066,505	-\$1,334,317	\$349,579,634	\$350,613,722	-\$1,034,088	\$97,066,771	\$6,713,033	\$2,018,226	\$133,713,006	\$2,695,000	
Group 4	2-27	I-25A Exit 18 NW Frontage Rd Devolution	\$110,544			\$110,544		\$110,544					Local Agency Withdrew Project
	2-29	I-25 Exit 11 SW Frontage Rd Devolution	\$155,307			\$155,307		\$155,307					Local Agency Withdrew Project
	2	Projects that have been Withdrawn (Group 4)	\$265,851	\$0	\$0	\$265,851	\$0	\$265,851	\$0	\$0	\$0	\$0	\$0
40	TOTAL Public-Public Partnership Projects	\$586,998,039	\$588,066,505	-\$1,334,317	\$349,845,485	\$350,613,722	-\$768,237	\$97,066,771	\$6,713,033	\$2,018,226	\$133,713,006	\$2,695,000	
	Percentage over Transportation Commission Approved Amount			0.23%			0.22%						

Partnership and Operations Projects - Staff Recommendation List 3/20/2014

Operations Projects

Key	
	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 with a negative represent an overage
\$6,000.00	Numbers shown in green represent an underage

Tracking #	Project Name	TC Approved Total Project Cost	Estimated Total Project Cost	Total Project Cost Delta	TC Approved RAMP Request	RAMP Request	RAMP Request Delta	Local Contribution	In Kind Funds	Local Delta	Other Funds	Other Funds Delta	Recommendation
N/A	Total of (26) Projects Approved by Commission Action in Feb 2014	\$61,194,791	\$59,393,864	\$1,800,927	\$42,593,791	\$42,341,307	\$252,484	\$126,000	\$1,375,000	\$691,557	\$13,800,000	\$1,060,000	TC Approved Funding
Group 1													
		Staff Recommends Budgeting Funds (Group 1)	\$61,194,791	\$59,393,864	\$1,800,927	\$42,593,791	\$42,341,307	\$252,484	\$126,000	\$1,375,000	\$691,557	\$13,800,000	\$1,060,000

Tracking #	Project Name	TC Approved Total Project Cost	Estimated Total Project Cost	Total Project Cost Delta	TC Approved RAMP Request	RAMP Request	RAMP Request Delta	Local Contribution	In Kind Contributions	Local Delta	Other Funds	Other Funds Delta	Recommendation
Group 2	1-53	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	Staff Recommends Budgeting Funds; Project to be scaled to meet the TC Approved budget
	1-54	I-76 at 88th Ave. Interchange Improvements (MP 10)	\$1,050,000	\$1,034,348	\$15,652	\$1,050,000	\$1,034,348	\$15,652	\$0	\$0	\$0	\$0	Staff Recommends Budgeting Funds; Cost Estimate Revised to meet the TC Approved budget
	1-56	US 285 at Mount Evans Blvd./Pine Valley Rd. (MP 229)	\$422,000	\$422,000	\$0	\$422,000	\$422,000	\$0	\$0	\$0	\$0	\$0	Staff Recommends Budgeting Funds; Project to be scaled to meet the TC Approved budget
3	Staff Recommends Budgeting Funds (Group 2)	\$2,532,000	\$2,516,348	\$15,652	\$2,532,000	\$2,516,348	\$15,652	\$0	\$0	\$0	\$0	\$0	

Tracking #	Project Name	TC Approved Total Project Cost	Estimated Total Project Cost	Total Project Cost Delta	TC Approved RAMP Request	RAMP Request	RAMP Request Delta	Local Contribution	In Kind Contributions	Local Delta	Other Funds	Other Funds Delta	Recommendation	
Group 3	1-09	I-70 Eastbound Peak Period Shoulder Lanes	\$34,000,000	\$44,000,000	-\$10,000,000	\$20,000,000	\$20,000,000	\$0	\$500,000	\$0	\$0	\$23,500,000	\$0	Staff Recommends Further Development
	1	Staff Recommends Further Development (Group 3)	\$34,000,000	\$44,000,000	-\$10,000,000	\$20,000,000	\$20,000,000	\$0	\$500,000	\$0	\$0	\$23,500,000	\$0	

30	SUB-TOTAL Operations Projects	\$97,726,791	\$105,910,212	-\$8,183,421	\$65,125,791	\$64,857,655	\$268,136	\$626,000	\$1,375,000	\$691,557	\$37,300,000	\$1,060,000	
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Tracking #	Project Name	TC Approved Total Project Cost	Estimated Total Project Cost	Total Project Cost Delta	TC Approved RAMP Request	RAMP Request	RAMP Request Delta	Local Contribution	In Kind Funds	Local Delta	Other Funds	Other Funds Delta	Recommendation
Group 4	1-59	SH 86 Intersection Improvement at Crowfoot Valley Rd.	\$516,000			\$516,000		\$516,000	\$0	\$0	\$0	\$0	CDOT Staff Recommends Withdrawing Project; RAMP Funds to be used in other CDOT Operations
	1	Projects that have been Withdrawn (Group 4)	\$516,000	\$0	\$0	\$516,000	\$0	\$516,000	\$0	\$0	\$0	\$0	

31	TOTAL Operations	\$98,242,791	\$105,910,212	-\$8,183,421	\$65,641,791	\$64,857,655	\$784,136	\$626,000	\$1,375,000	\$691,557	\$37,300,000	\$1,060,000	
	Percentage over Transportation Commission Approved Amount			7.73%			-1.21%						



To: Robert Haley, Program Analyst, Office of the Chief Engineer

From: Michael Cheroutes, Director HPTE

Date: February 28, 2014

Re: Extension of RAMP Deadline for I-25N Project

The HPTE respectfully requests an extension of the RAMP deadline for the I-25N Project from April 7, 2014 to December 31, 2014. Since its allocation in October of last year the Project has taken positive steps forward, however, it still needs this additional time to submit an accurate scope, schedule and budget. In addition to the time extension, we request authorization to advance \$4.0M of RAMP funding identified for this corridor. These funds will be in addition to the \$4.5M already approved by Transportation Commission for pre-construction activities and are required for 120th Ave. to SH 7 segment of the corridor in order to meet RAMP established deadline (see attached schedule). They will be used to continue design, ROW plans development and beginning of ROW acquisition process.

HPTE and CDOT planned on solidifying a strategy for the I 25 corridor by the April 7, 2014 RAMP deadline. To that end, on December 2 – 3, 2013, HPTE and CDOT conducted meetings with five private sector firms that are involved in Public Private Partnership (P3) development across the country and internationally. One of the messages coming from the majority of the firms was that they wanted to see *existing* traffic, not *projections* of future conditions. Further, all participants saw the addition of Tolled Express Lanes on Segment 3 and potential conversion of two existing general purpose lanes (one in each direction) for Segment 4 the most viable revenue generating segments of the corridor and would wait for higher traffic volumes to develop before pursuing the remaining segments. One firm saw of Segments 7 and 8 as being potentially viable with existing traffic volumes.

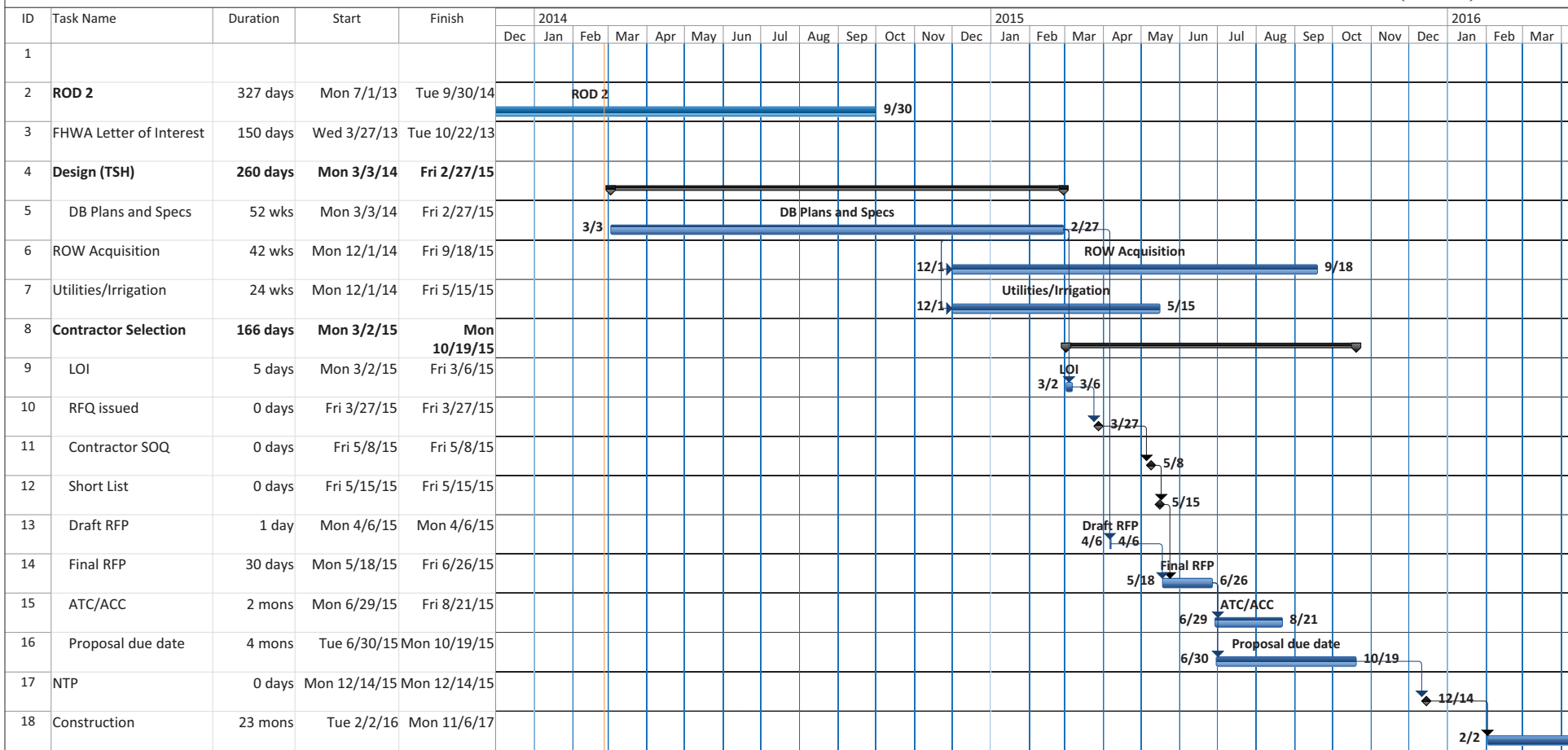
During these meetings, participants suggested ideas that HPTE and CDOT feel are worth additional exploration. For example, different tolling scenarios and concepts may make this corridor more attractive for a potential future P3 as well as different phasing options and lane configurations. HPTE and CDOT want to study these and other private industry suggestions, as well continue discussions with the private sector to determine how best to package a P3.

Due to the TIP, STIP, and budget processes, funding for this additional effort was delayed. As well, P3 projects require a well thought out processes that should not be rushed. Between HPTE, Region 4, and OMPD we have a team of consultants on board to help with technical, financial, and other aspects of potential strategies.

Allowing HPTE and CDOT the additional time will provide you with better, well developed options on how to move the North I-25 corridor projects forward.

I-25 DENVER TO WYOMING

Phase 1: 120th Ave (SH128). to SH 7



Project: 2014-02-26 revised Overa Date: Wed 2/26/14	Task		Project Summary		Inactive Milestone		Manual Summary Rollup		Deadline	
	Split		External Tasks		Inactive Summary		Manual Summary		Progress	
	Milestone		External Milestone		Manual Task		Start-only			
	Summary		Inactive Task		Duration-only		Finish-only			

I-25 DENVER TO WYOMING (SH7 to SH 14)

ID	Task Name	Duration	Start	Finish	Qtr 1, 2014			Qtr 2, 2014			Qtr 3, 2014			Qtr 4, 2014			Qtr 1, 2015			Qtr 2, 2015			Qtr 3, 2015			Qtr 4, 2015			Qtr 1, 2016			Qtr 2, 2016			Qtr 3, 2016			Qtr 4, 2016		
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	
1																																								
2	T&R Study	120 days	Mon 7/1/13	Fri 12/13/13																																				
3	REVISED ROD	327 days	Mon 7/1/13	Tue 9/30/14																																				
4	FHWA Letter of Interest	150 days	Wed 3/27/13	Tue 10/22/13																																				
5	HPTE/OMPD	718 days	Mon 12/2/13	Wed 8/31/16																																				
6	Management, T&R and proposal review	718 days	Mon 12/2/13	Wed 8/31/16																																				
7	Business and Financial Plan	632 days	Tue 4/1/14	Wed 8/31/16																																				
8	Public relations and Public information campaign	632 days	Tue 4/1/14	Wed 8/31/16																																				
9	P3 Development Plan	673 days	Mon 2/3/14	Wed 8/31/16																																				
10	SH 7 to SH 402	803 days	Mon 4/1/13	Wed 4/27/16																																				
11	Design consultant	431 days	Mon 4/1/13	Mon 11/24/14																																				
12	Design NTP	1 day	Mon 4/1/13	Mon 4/1/13																																				
13	DB Plans and Specs	80 wks	Tue 5/14/13	Mon 11/24/14																																				
14	ROW	52 wks	Tue 9/16/14	Mon 9/14/15																																				
15	Utilities/Irrigation	40 wks	Tue 9/16/14	Mon 6/22/15																																				
16	SH 402 to SH 14	803 days	Mon 4/1/13	Wed 4/27/16																																				
17	Design consultant	523 days	Mon 4/1/13	Wed 4/1/15																																				
18	Design NTP	1 day	Mon 4/1/13	Mon 4/1/13																																				
19	DB Plans and Specs	104 wks	Thu 4/4/13	Wed 4/1/15																																				
20	ROW	52 wks	Thu 4/30/15	Wed 4/27/16																																				
21	Utilities/Irrigation	51 wks	Thu 4/30/15	Wed 4/20/16																																				

Project: 2014-02-28 Overarching Date: Fri 2/28/14	Task		Summary		External Milestone		Inactive Summary		Manual Summary Rollup		Finish-only	
	Split		Project Summary		Inactive Task		Manual Task		Manual Summary		Deadline	
	Milestone		External Tasks		Inactive Milestone		Duration-only		Start-only		Progress	

Resolution Number TC-

Adopting certain projects for the Operational Improvements component of the Responsible Acceleration of Maintenance and Partnerships (RAMP) Program and authorizing specified budget for projects in the RAMP Program.

WHEREAS, pursuant to § 43-1-106(8)(a), C.R.S., the Colorado Transportation Commission (“Commission”) is charged with formulating general policy with respect to the management, construction, and maintenance of public highways and other transportation systems in the state; and

WHEREAS, Governor John Hickenlooper and Colorado Department of Transportation Executive Director Don Hunt announced on December 14, 2012, the Responsible Acceleration of Maintenance and Partnerships (RAMP) program; and

WHEREAS, the Colorado Department of Transportation determined that it was appropriate to develop selection procedures for Operational Improvement projects under the RAMP program to maximize system operations; and

WHEREAS, the Colorado Department of Transportation developed and followed a selection process for the Operational Improvement categories consisting of a systematic evaluation of the applications to determine merit and feasibility; and

WHEREAS, the Transportation Commissioners have considered the recommendation of the Colorado Department of Transportation on projects to include in the RAMP program and all other information that they have received; and

WHEREAS, per Resolution TC-3106 the Commission adopted the projects listed in the document titled “RAMP Partnership and Operations Projects – Preliminary Recommendations 10/16/2013” and authorized budget to begin project development;

WHEREAS, per Resolution TC-3106, the Department shall advise the Commission if a project is unable to be moved forward; and

WHEREAS, per Resolution TC-3106, the Commission authorized the Department’s Chief Financial Officer to budget, without additional Commission action, an amount not to exceed five percent of the total project cost for the project as shown on the “RAMP Partnership and Operations Projects” approved on October 16, 2013; and

WHEREAS, per Resolution TC-3106, the Commission required the Department to develop on or before January 6, 2014, a project scope, schedule and budget for each Public-Public Partnership in the form and to the level of detail specified by the Chief Engineer; and

WHEREAS, per Resolution TC-3106, the Department reviewed evidence of local partner commitments along with the supporting scope, schedule, and budget, in a form specified by the Chief Engineer, for each RAMP Partnership and Operations project; and

WHEREAS, per Resolution TC-3137, the Department provided the Commission with projects from Resolution TC-3106 which required further review and discussion within the Department; and

WHEREAS, the Department has completed further review and is recommending certain of these projects to begin budgeting funds; and

WHEREAS, the Department is recommending an additional 5% of the RAMP funding for the Interstate 25 Tolled Express Lanes Public-Private Partnership Project to continue development of the project; and

NOW THEREFORE BE IT RESOLVED, the Chief Financial Officer is authorized to budget funds for the projects on the “Partnership and Operations Projects – Staff Recommendation List 3/20/2014” with non-substantive changes without further Commission consideration or approval; and

BE IT FURTHER RESOLVED, the Chief Financial Officer is authorized to budget, without further Commission action, an amount not to exceed 10% of the total RAMP funding budget for the Interstate 25 Tolled Express Lanes; and

BE IT FURTHER RESOLVED, that the Transportation Commission hereby adopts the list shown in the document titled “RAMP Operations Projects – Recommendations 3/20/2014” as contained in the official agenda and the document is incorporated by reference into this Resolution; and

BE IT FURTHER RESOLVED that the Colorado Department of Transportation shall advise the Transportation Commission if a project shown in the document titled “RAMP Operations Projects – Recommendations 3/20/2014” is unable to be moved forward, and

BE IT FURTHER RESOLVED that the Transportation Commission authorizes the Chief Financial Officer to budget, without additional Transportation Commission action, an amount not to exceed five percent of the total project cost for the project as shown on the “RAMP Operations Projects – Recommendations 3/20/2014” document for FY 2014 pre-construction expenditures on these projects; and

BE IT FURTHER RESOLVED that the Transportation Commission requires for each project shown in the document titled “RAMP Operations Projects – Recommendations 3/20/2014” on or before May 1, 2014, a project scope, schedule, and budget developed by the Colorado Department of Transportation in the form and to the level of detailed specified by the Chief Engineer for the advancement of the project.

Herman Stockinger III, Secretary
Transportation Commission of Colorado

Date