



COLORADO

Department of Transportation

Office of the Chief Engineer

4201 E. Arkansas Ave., Room 262
Denver, CO 80222

DATE: February 18, 2015
TO: Transportation Commission
FROM: Josh Laipply, Chief Engineer
Maria Sobota, Budget Director
Richard Zamora, Office of Program Management Director
SUBJECT: Program Management Workshop

Purpose

The Program Management Workshop provides the Transportation Commission with an update on the delivery of programs and significant projects. This month there is a focus on the FASTER and HSIP programs as well as RAMP Partnership and Operations Program with an emphasis on CDOT Delivered projects and the overall Program.

Details

A primary performance metric for the integration of Cash Management and Program Management is the cash balance. Included in the Powerpoint is a diagram reporting actual cash balances for all CDOT funds—including Local Agency, Flood, etc.—against our path to target that has been set. The Cash balance is approximately \$1,257.0 million, \$212.0 million above the target. The Cash plus Cash Equivalents balance is approximately \$1,621.0 million, \$49.3 million over the target. The higher Cash plus Cash Equivalents balance is driven primarily from receipt of a significant portion the FHWA Continuous Resolution (CR) obligation in January 2015. This balance is now closer to our normal expectations for this time of year.

We are continuing to monitor program delivery at the statewide level the expenditure performance index (XPI) to evaluate actual construction expenditure performance as compared to planned. This month the XPI increased to 0.77, a fifth consecutive monthly improvement of XPI as the Department draws nearer to its \$900 million 2015 expenditure goal.

This month's presentation includes a focus on the FASTER and HSIP programs as well as overall and CDOT delivered RAMP Partnership and Operations Program. The Transportation Commission receives updates monthly for all programs and receives a rotating focus into individual programs. These updates are included in the attached PowerPoint presentation.

The PMO Reporting Overview slides provide a status update of the four main programs being reported on by the Program Management Office. The SPI for Flood



remained at 1.00, 2014 Asset Management decreased slightly and the 2015 Asset Management and RAMP programs both increased.

HSIP and FASTER funds are allocated to projects within multiple programs and as a result this makes it difficult to report an SPI for these programs. Provided are snapshots of how these programs are performing expending funds and delivering projects to date.

The Chief Engineer and Chief Financial Officer have made it a priority that all RAMP partnership projects be managed so that scope and project costs do not exceed their original TC approved project amounts, or exceed the thresholds established by PD703 or commission resolutions. Of the sixteen partnership projects contained on the RAMP Partnership Program Controls Update table provided, none of the projects are seeking TC approval this month. Several project teams held workshops to explore scalability and local contribution opportunities, while others are engaged in discussions with their local partners and/or moving forward with independent cost estimates to address project costs. Region staff are to present their findings and recommendation to the staff-level RAMP Sponsor Coalition and/or CE and CFO for approval before any project returns to the commission for additional funding requests. As of February, \$11,627,747 of the Transportation Commission Contingency RAMP Reserve has been used for two projects and the balance remains at \$28,373,253. Details are included in this month's Supplement.

An update on RAMP Local Agency and CDOT Administered Projects that require Intergovernmental Agreements (IGAs) are shown in the PowerPoint presentation. As of January 31st, 2014, a total of 40 RAMP IGA's have been executed, 4 are awaiting local review/signature, 8 are being drafted at HQ, and 3 are pending submittal to HQ. Of the eleven (8+3) IGAs still in draft stage, none are currently delaying CDOT construction; seven are associated with devolution, three contain unique local in-kind match to be documented in the IGA, and one is the third phase of a local agency project already underway.

Attachments

1. Powerpoint Presentation
2. RAMP Partnership Program Controls Update (table)



RAMP Partnership Program Controls Update								February 2015
PCN	Project Name	Original TC Approved Budget	Current Forecasted Cost Estimate	Prelim. Scalable Review	Additional Non-CDOT Contribution	Additional RAMP Contingency	Additional CDOT Contribution	Project Controls Comments
19192	I-25/ARAPAHOE RD INTERCHANGE	\$74,000,000	\$74,000,000	Scalable to budget, with CMGC input.	Unlikely		\$0	CMGC (ICE Consultant is part of the project team) Planned FOR is 2/25/15
19954	US 160 Turnouts	\$1,015,000	\$1,565,573	Estimated (\$600,000)	Unlikely		\$0	Meeting with Local Partners on 2/20/15; Total Project Cost Estimate exceeds 7.5% threshold.
19906	US50/Dozier/Steinmeier Intersection Improvement & Signal Improvements (companion Ops project 2-9)	\$2,500,000	\$2,500,000	Yes	Unlikely		\$0	Scalability and Local Contribution under region review
18331 19039	I-25 AND CIMARRON EXPRESSWAY	\$95,000,000	\$116,093,450	Completed (\$11,500,000)	\$2,050,000	\$5,000,000	\$14,043,450	FINAL RFP submitted; Apparent successful proposer to be identified on 2/26/15; TC Approved additional RAMP Contingency funds for GMP
19056 19751	US 50 / SH 45 Interchange, Wills to Purcell - Pueblo (companion Ops project 2-10)	\$11,200,000	\$11,075,452	Bundled Projects	\$0		\$0	Awarded; Total Project Cost proposed (Ramp + Surface Treatment) is \$13,426,152
19094	I-70 Simba Run Underpass (Vail Underpass)	\$20,800,000	\$29,000,000	In-Progress	Likely (\$2,500,000 or more)		\$0	CMGC (ICE #1 completed in November); Scope review workshop held; Potential cost saving option identified; Additional design work needed to quantify; Planned FOR on 4/2/15; Total Project Cost Estimate exceeds 7.5% threshold
19930	SH 9 - Frisco to Breckenridge: Iron Springs Alignment and Vail Pass Multi-use Path Devolution	\$21,985,000	\$26,595,518	In-Progress	Possible		\$0	CMGC; Value engineering effort is underway; Planned FOR is 3/24/15; Total Project Cost Estimate exceeds 7.5% threshold
19911	I-70 Exit 31 Horizon Drive Roundabouts	\$5,000,000	\$5,800,000	Possible	Possible (\$400,000 from Utility Co)		\$0	Scalability and Local Contribution under region review; Total Project Cost Estimate exceeds 7.5% threshold
19910	SH 9 CO River South Wildlife & Safety	\$46,000,000	\$52,627,747	Completed (\$4,200,000)	Completed	\$6,627,747	\$0	Bids Opened; Increased Local Contribution; TC Approved additional RAMP Contingency funds needed to Award
12372	US 287: Conifer to Laporte Bypass (Phase 1 - SH1 to Laporte Bypass)	\$22,000,000	\$26,350,468	Possible	Completed		\$0	ICE Complete; Bids Opened; Project team is redesigning; Total Project Cost Estimate exceeds 7.5% threshold
19909	US 550 Sky Rocket Box Culvert Replacement	\$2,000,000	\$2,000,000	No	Unlikely		\$0	Project is currently tracking within budget; Bid alternates being considered.
19908	SH 172 / 151 SIGNALIZATION	\$1,800,000	\$1,800,000	No	Unlikely		\$0	Project is currently tracking within budget; Bid alternates being considered.
19397	SH 145 AT CR P SAFETY IMPROVEMENTS	\$1,660,194	\$1,640,221	No	Unlikely		\$0	Project is currently tracking within budget; Bid alternates being considered.
18972	US 285 Antonito Storm Drainage System Replacement	\$2,742,429	\$3,343,337	Bundled Projects	Completed		\$0	Awarded; Local in-kind contribution increased by \$350,000; (Bundled with \$7.0 mil SUR project for bidding economy)
19411	SH 62 Ridgeway Street Improvements (pending approval of local match)	\$13,791,257	\$13,463,955	Likely	Unlikely		\$0	Scalability is on-going during design
19643	US 24 Enhancement Project in Buena Vista	\$2,497,090	\$2,597,090	Yes	Unlikely		\$0	Scalability and Local Contribution under region review; project to be bundled with \$8 mil SUR project.
Subtotals		\$323,990,970	\$370,452,811	(\$600,000)	\$4,950,000	\$11,627,747	\$14,043,450	(\$15,240,644)
		Total Original	Total Forecast	Total Scope Reduction	Total Local Contribution	Total RAMP Contingency	Total CDOT Contribution	Remaining Projected Liability



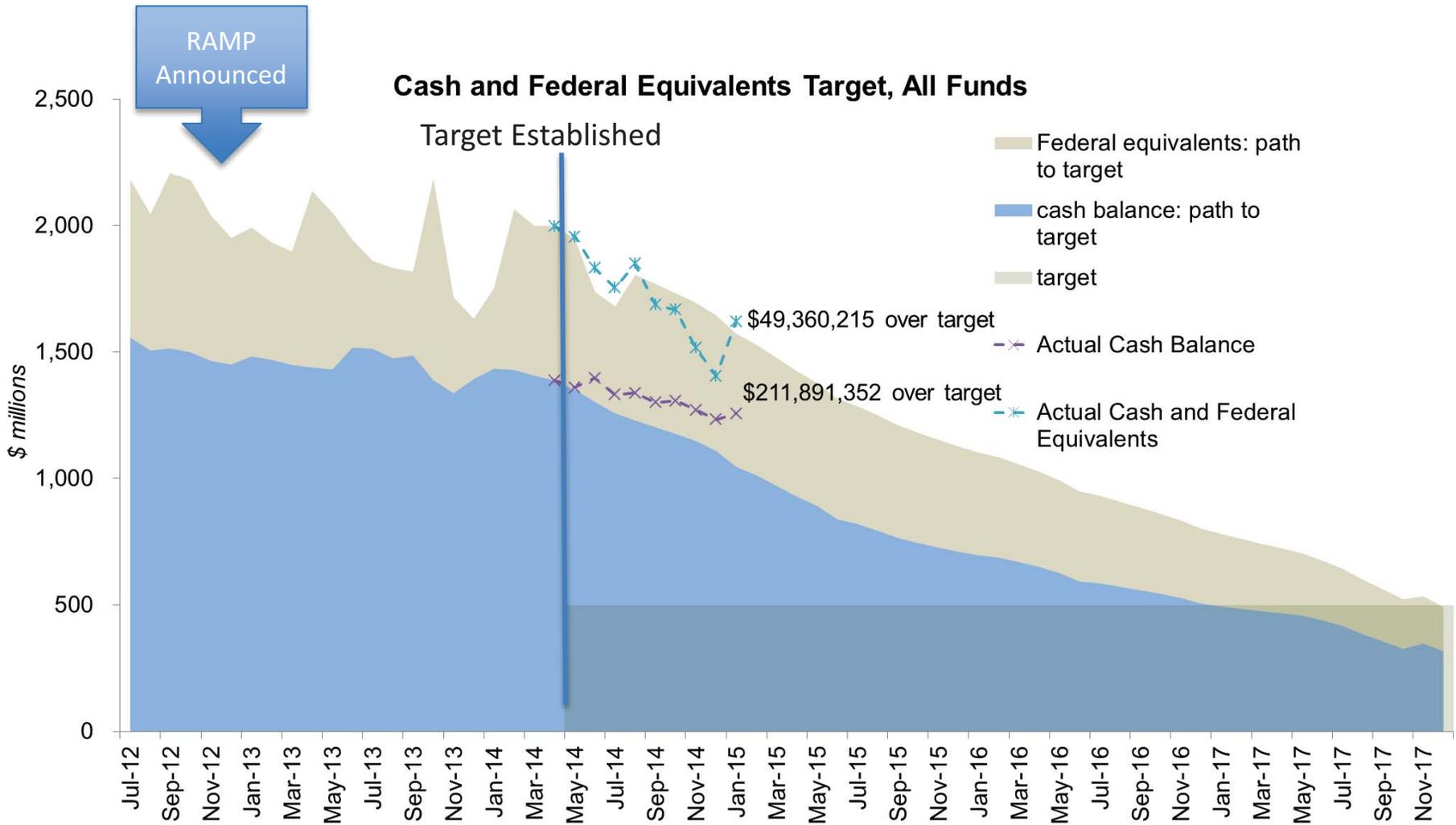
COLORADO

Department of
Transportation

Program Management Update February 18, 2015



Cash & Equivalents Target Balance

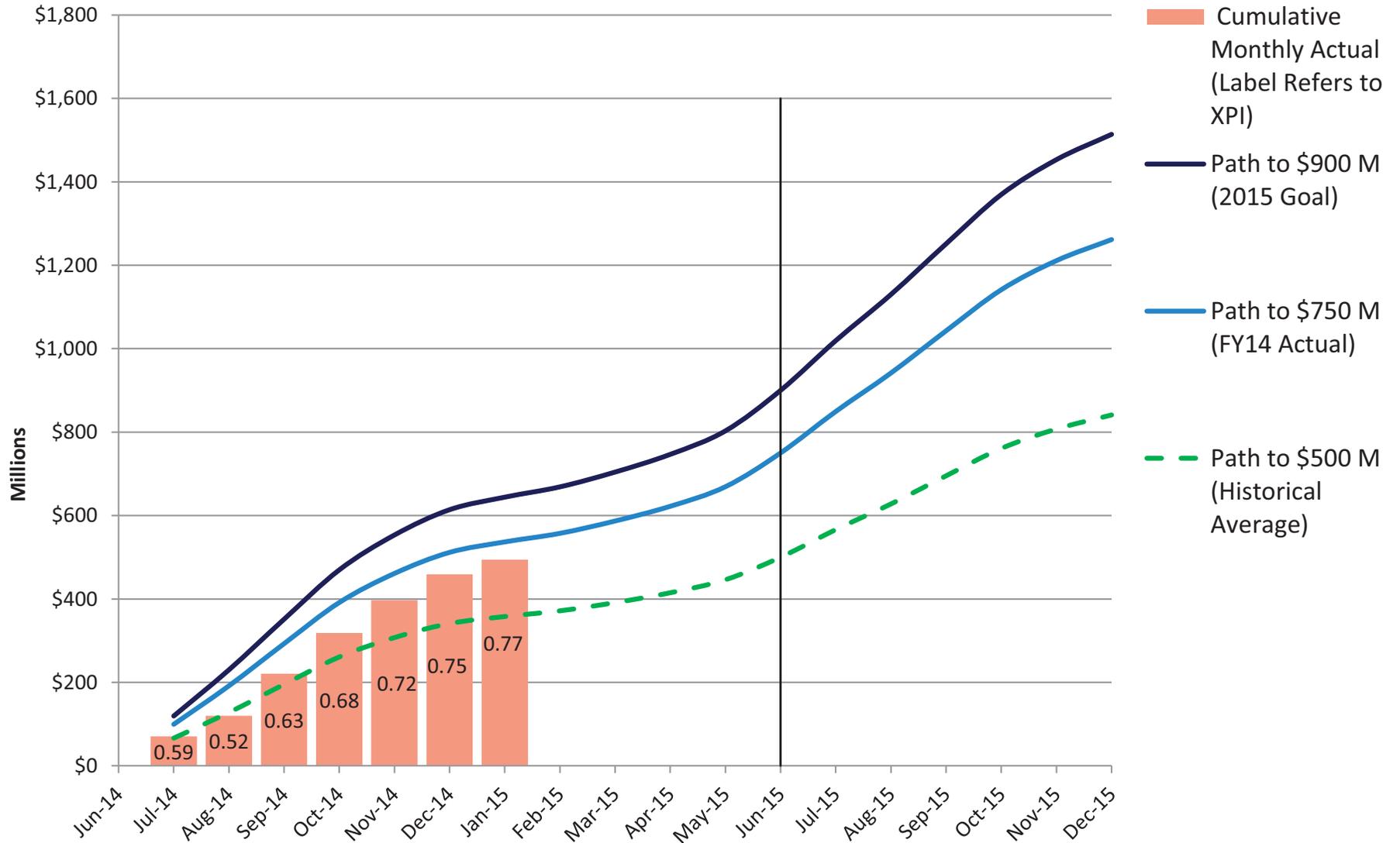


As of February 4, 2015



Expenditure Performance Index

Total Construction Expenditures FY 15



As of February 2, 2015



PMO Reporting Overview by Program

Program	Financial Performance (\$Millions)			Schedule Performance	Quarterly Rotation
	Program Expenditure through 12/19/2014	Program Expenditure through 1/23/2015	\$ Change	SPI	
Flood	\$118.0	\$122.1	\$4.1	1.00	Apr. 2015
RAMP P&O (Overall)	\$137.2	\$148.0	\$10.8	0.88	Feb. 2015
RAMP P&O (Local Agency)	\$1.4	\$1.4	\$0.0	0.89	Apr. 2015
RAMP P&O (CDOT)	\$135.8	\$146.6	\$10.8	0.88	Feb. 2015
FASTER and HSIP	\$419.2	\$430.7	\$11.5	-	Feb. 2015
Asset Management	\$680.2	\$692.1	\$11.9	*	Mar. 2015

- Notes:
1. SPI's shown are for Preconstruction.
 2. FASTER and HSIP funds are used on projects in multiple programs and as a result, an SPI is not provided for these programs.
 3. Asset Management expenditures are a combination of 2014, 2015, 2016 and include MLOS and Roadway Equipment.
(Note: MLOS and Road Equipment are excluded from SPI calculations)
 4. * The SPI's for each Asset Management program are provided on the next page

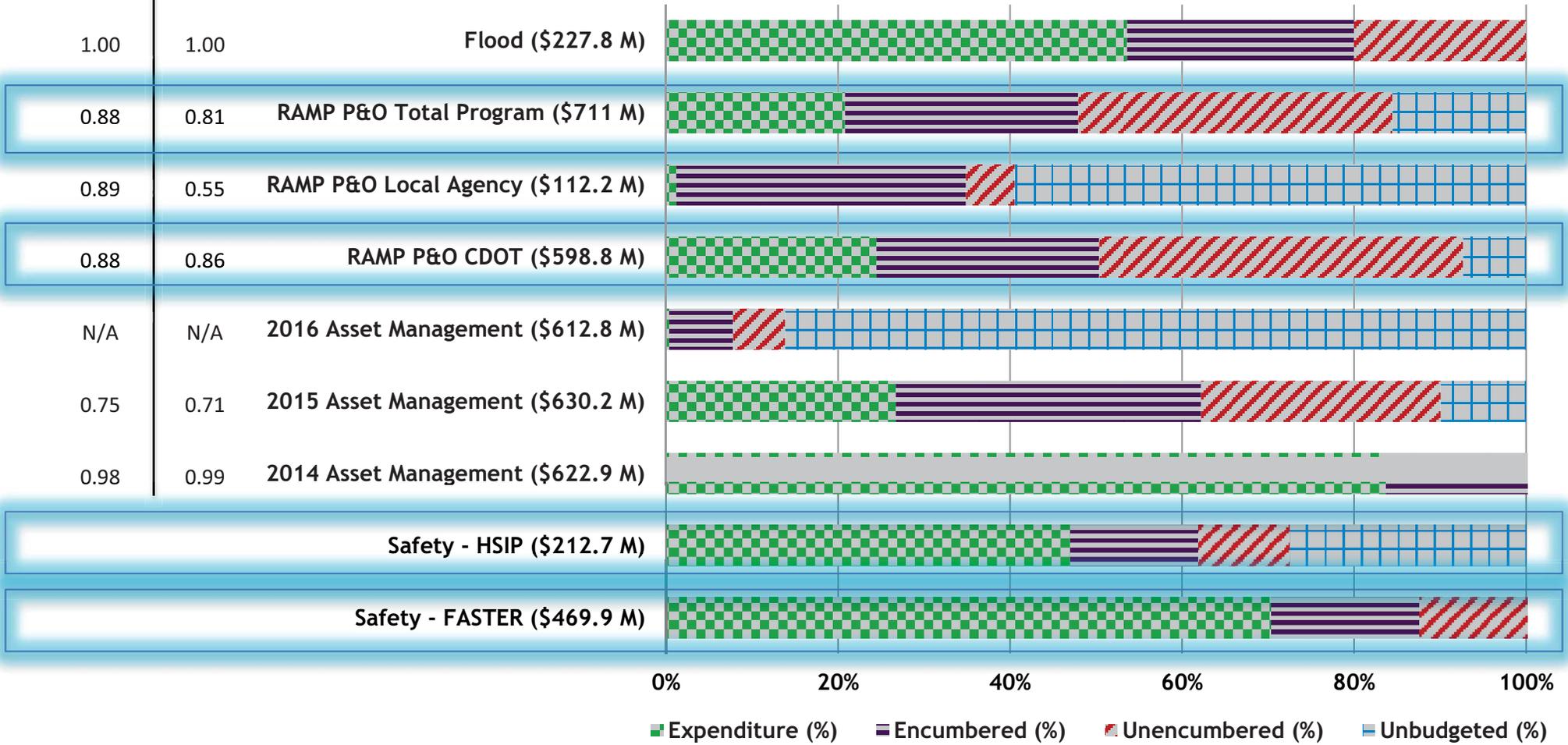
As of January 23, 2015



PMO Reporting Overview by Program

Precon. SPI This Month
Precon. SPI Last Month

Financial Performance (Precon. and Construction)



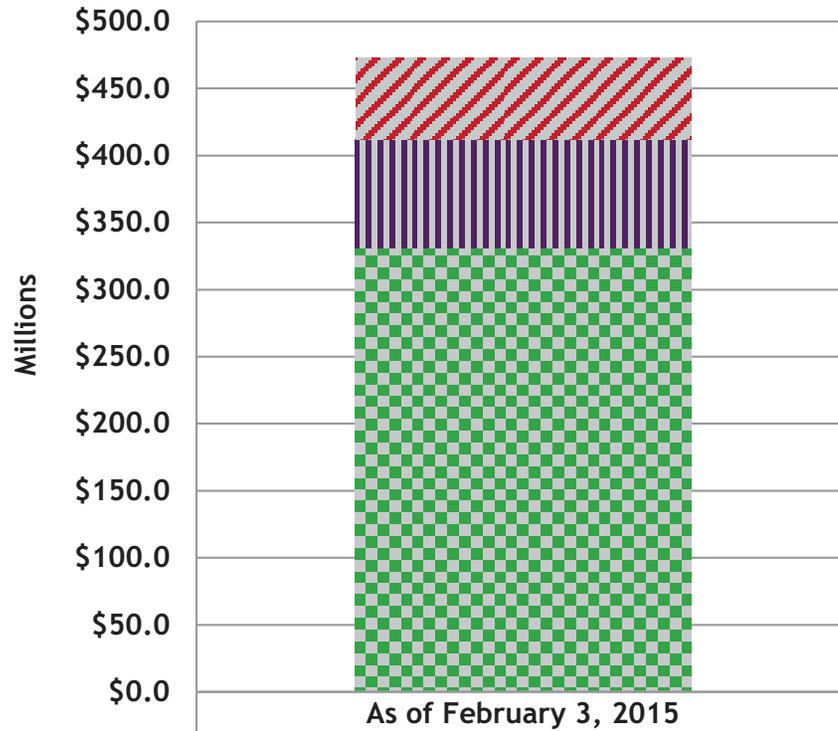
Total Cumulative Program Amounts are for the duration of the program. Program amounts and duration vary for each program. RAMP P&O refers to RAMP Partnership & Operations.

As of January 23, 2015



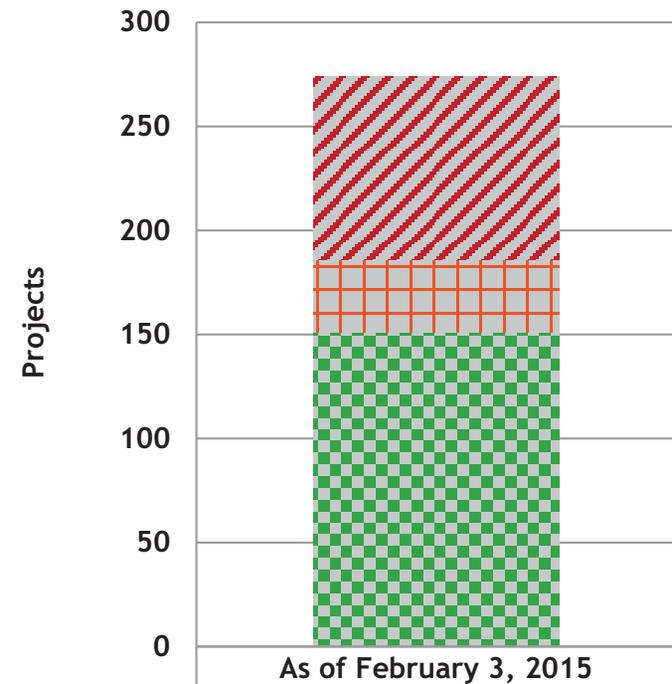
Overview of FASTER Safety Program

FASTER Program Financial Status



■ Unencumbered (Millions)	\$60.8
■ Encumbered (Millions)	\$81.2
■ Expenditure (Millions)	\$330.7

FASTER Program Project Status



■ Pre-Construction	88
■ In Construction	35
■ Complete	151

Total Number of Projects 274

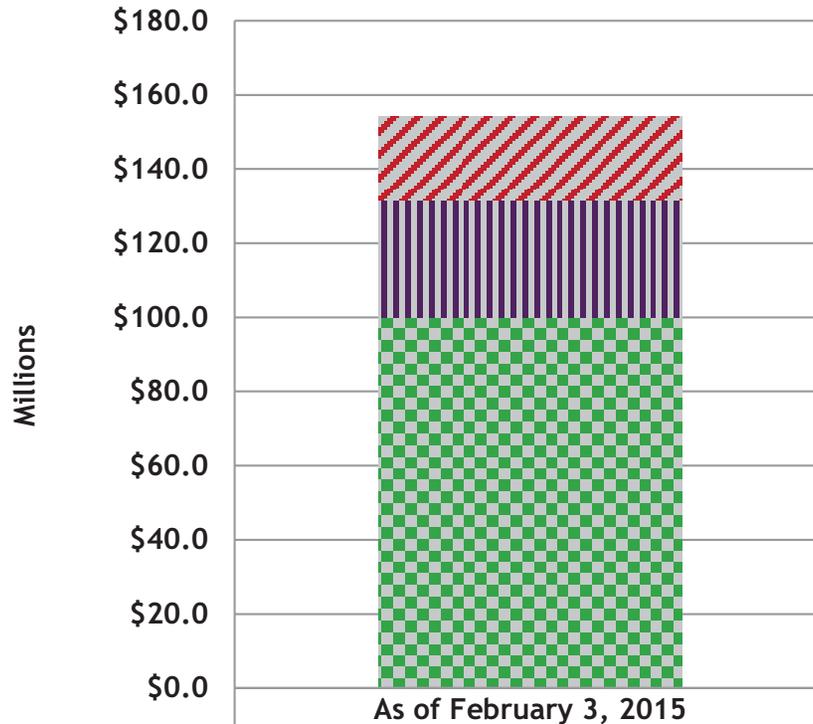
From FY10 to Date.

As of February 3, 2015



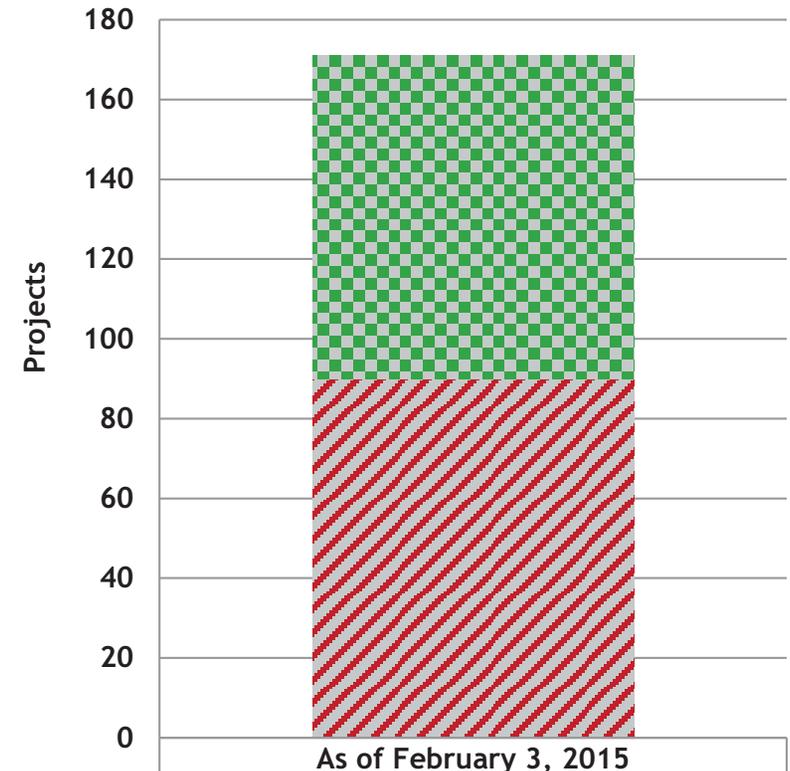
Overview of HSIP Program

HSIP Program Financial Status



■ Unencumbered (Millions)	\$22.6
■ Encumbered (Millions)	\$31.6
■ Expenditure (Millions)	\$100.0

HSIP Program Project Status



■ Complete	81
■ On-Going	90

Total Number of Projects 171

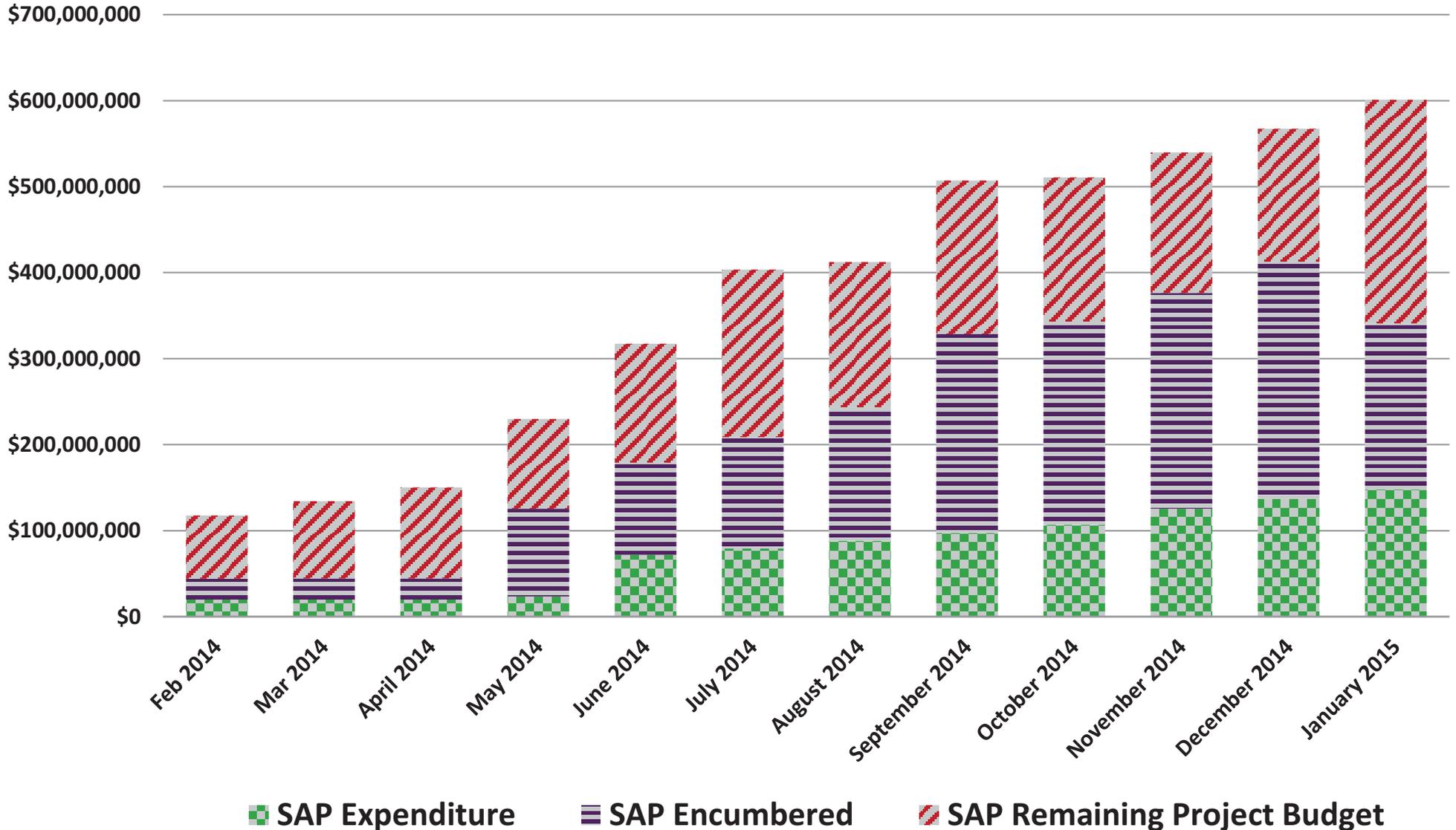
From FY10 to Date.

As of February 3, 2015



Overview of RAMP P&O Program

Monthly SAP Expenditures & Encumbrances

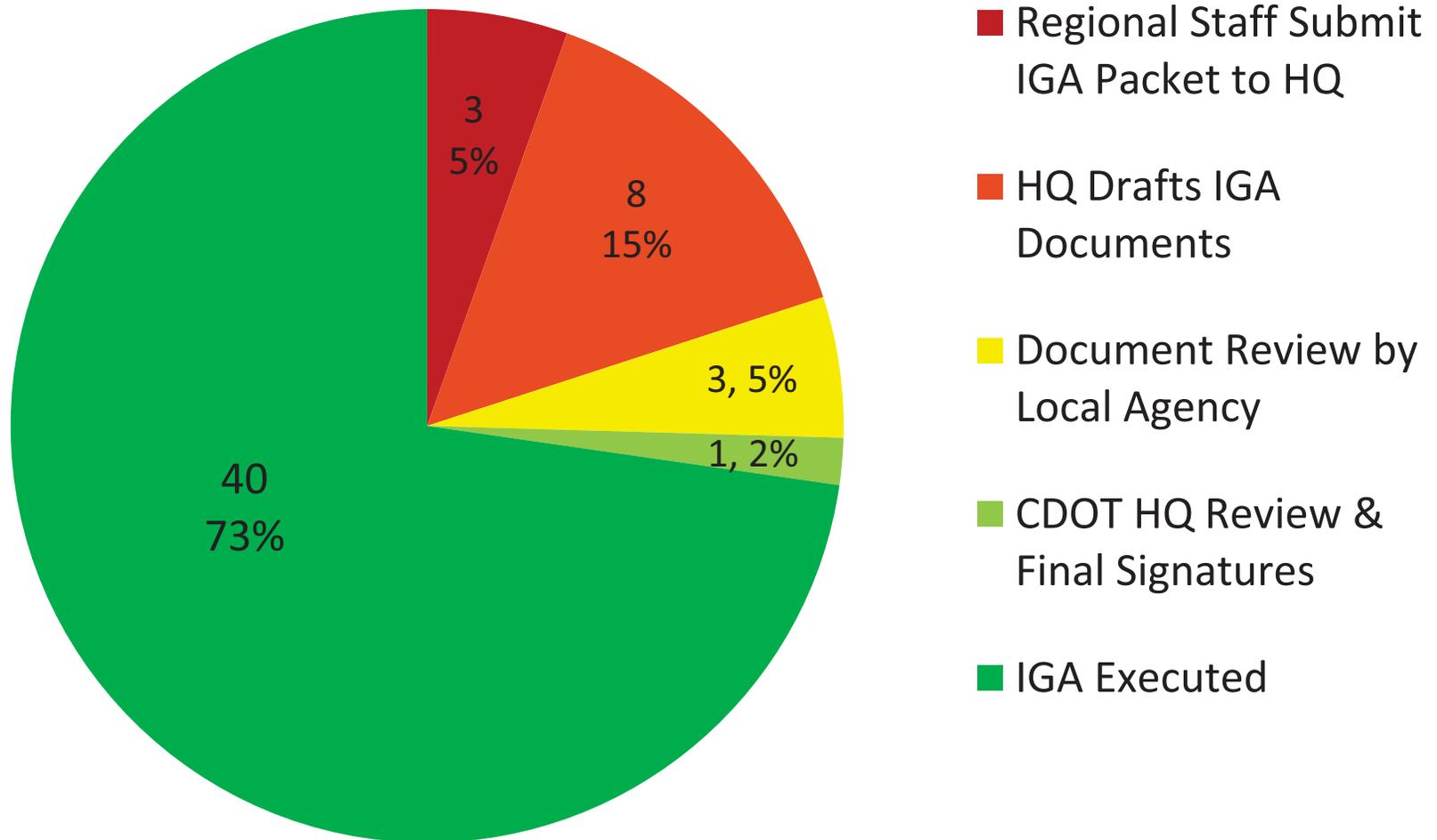




Status of RAMP IGAs

Current IGA Progress - RAMP Program

Total # of IGAs: 55

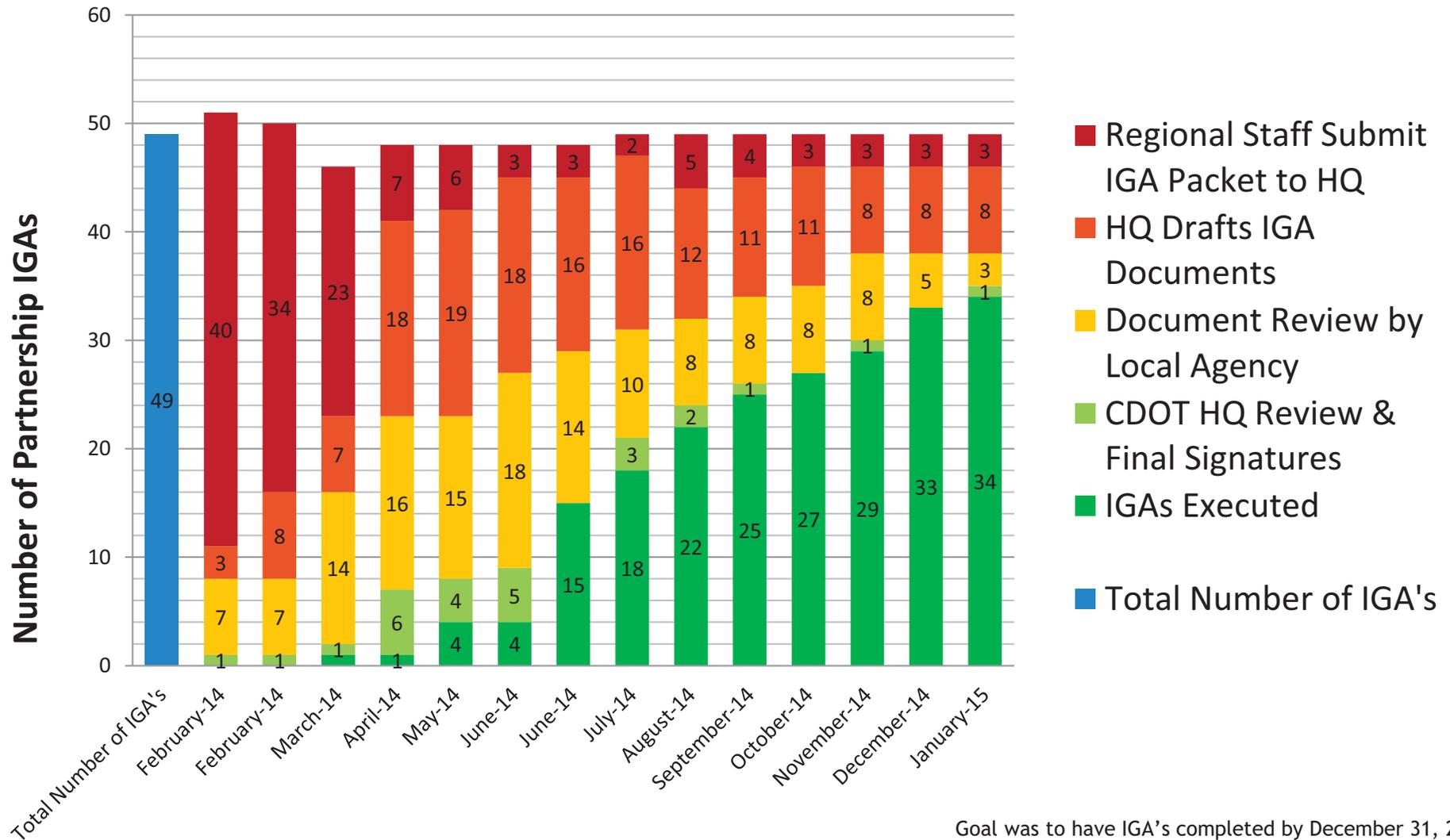


As of January 30, 2015



Status of RAMP IGAs

RAMP Partnership IGA's



As of January 30, 2015

Goal was to have IGA's completed by December 31, 2014.



Remaining RAMP IGA Summary

- 40 RAMP IGA's have been executed, 4 are awaiting local review/signature, 8 are being drafted at HQ, and 3 are pending submittal to HQ.
- Of the eleven (8+3) IGAs still in draft stage, none are currently delaying CDOT construction; seven are associated with devolution; three contain unique local in-kind match to be documented in the IGA, and one is the third phase of a local agency project already underway.

As of January 30, 2015



Remaining IGAs (CDOT) – Planned Advertisement & Execution Date

RAMP Program - CDOT Administered Projects										As of: 2/6/2015 9:49				
Project Information					IGA Progress									
RAMP Tracking Number	WBS (PCN or SAP)	Project Name	Delivery Method	Planned IGA Execution Date	Regional Staff Submit IGA Packet to HQ	HQ Drafts IGA Documents	Document Review by Local Agency	CDOT HQ Review / LA Signatures	IGA Executed					
Devolution IGAs	2.01	19964	SH 67 in Victor Devolution (cash payment)	Devolution	3/30/2015					Devolution IGAs				
	2.07	19965	US 24 Business Route Devolution (cash payment)	Devolution	1/30/2016									
FY15 Ad Dates	2.31	19205 / 19208 / 19408	I-25 Ilex to 1st St. in Pueblo	Design-Build	7/1/2015					FY15 Ad Dates				
					7/1/2017									
	2.33	19056 / 19751	US 50 / SH 45 Interchange, Wills to Purcell-Pueblo	D-B-B	7/1/2015									
					7/1/2017									
FY16 Ad Dates	2.20	19906	US 50 / Dozier / Steinmeier Intersection / Signal Improvements	D-B-B	5/30/2015					FY16 Ad Dates				
	2.05	19954	US 160 Turnouts	D-B-B	6/30/2015									
					6/30/2015									
25		Subtotals				2	6	1	0	22				
					IGAs Complete (%) compared to Total # of CDOT Administered Projects (w/ IGAs)									
										8%	24%	4%	0%	88%

As of January 30, 2015



Remaining IGAs (Local Agency) – Planned Advertisement & Execution Date

RAMP Program - Locally Administered Projects										As of: 2/6/2015 9:54	
Project Information					IGA Progress						
RAMP Tracking Number	WBS (PCN or SAP)	Project Name	Locally Admin. Project	Planned IGA Execution Date	Regional Staff Submit IGA Packet to HQ	HQ Drafts IGA Documents	Document Review by Local Agency	CDOT HQ Review / LA Signatures	IGA Executed		
Devolution IGAs	4.06	19893	US 34 in Estes Park Improvements and Devolution	Town of Estes Park & CFL	Routed for Final Signature						Devolution IGAs
	1.19	17219	Colorado Blvd. in Idaho Springs: Phase 2 & Phase 3, and Devolution	Idaho Springs	TBD 10/30/15						
	1.14	19970	SH 2 in Commerce City Widening and Devolution (Recently Added)	Commerce City	5/15/2015						
FY16 Ad Dates	4.20	19561	US 287: (North College) - Phase 3: Pedestrian Path North of Willox	City of Ft Collins	4/30/2015						FY16 Ad Dates
	4.30	19892	SH 392 and CR74 Intersection Safety Improvements	Weld County	6/1/2015						
FY17 Ad Dates	4.58	19888	SH 119: Boulder Canyon Trail Extension	Boulder County	6/15/2015						FY17 Ad Dates
COUNT	24	Subtotals				1	2	2	1	18	
IGAs Complete (%) compared to Total # of Locally Administered Projects						4%	8%	8%	4%	75%	

As of January 30, 2015



Coming Attractions

- Update of Cash Balance
- Updated Expenditure Performance Index
- Update on Asset Management