



COLORADO

Department of Transportation

Office of the Chief Engineer

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

DATE: December 17, 2014
TO: Transportation Commission
FROM: Josh Laipply, Chief Engineer
Scott Richrath, Chief Financial Officer
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 Asset Management Programs as well as a second look at a new measure for total program reporting based on construction expenditures.

Action

The program management items presented here are for Transportation Commission information and comment. As we continue to develop program management reports, input from the commission on which types of reports clearly present program status is valuable.

Details

Program Management Update

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 \$1,304.0 million, \$155.9 million above the target. The Cash plus Cash Equivalents balance is approximately \$1,549.5 million, \$144.9 million below the target. The lower Cash plus Cash Equivalents balance is driven primarily from increased advanced construction conversions and the FHWA Continuous Resolution (CR) that currently reduces obligation limits.

We are exploring use of a new metric to monitor program delivery at the statewide level. This metric has been coined as the expenditure performance index (XPI). In summary, an expenditure curve is created based on historical spending trends for a desired program delivery goal. At any given point in time the XPI can be calculated by dividing actual expenditures by the expenditure curve value for the desired program size. An XPI equal to or greater than one indicates we are on track to deliver the desired program size.



As requested during last month's workshop, Schedule Performance Index continues at this time to be included in the report.

This month's presentation includes a focus on Asset Management programs. 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.

To date over 80% of the projects identified as part of the 2014 Asset Management Program are either complete or under construction and over 70% of the approved budget has been expended with the remaining amount encumbered for construction.

The 2015 Asset Management Program continues to progress with over 10% of identified projects under construction and approximately 20% of the allocated funds expended to date.

An update on RAMP Local Agency and CDOT Administered Projects that require Intergovernmental Agreements (IGAs) are shown in the PowerPoint presentation. As of November 28th, 35 RAMP IGAs are fully executed and 9 more are in the signature process.

Attachments

1. Powerpoint Presentation





COLORADO

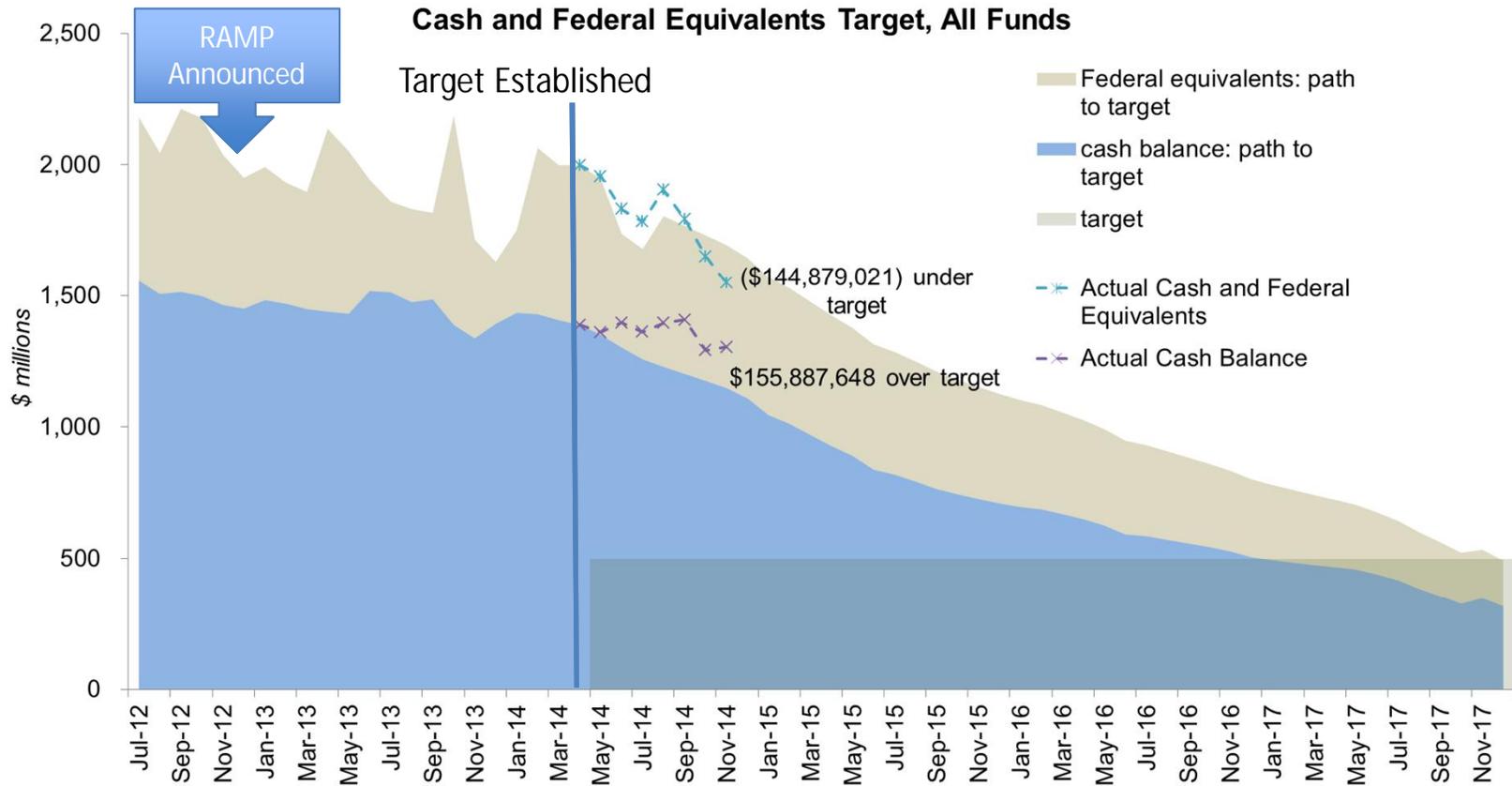
Department of
Transportation



Program Management Update December 17, 2014



Cash & Equivalents Target Balance

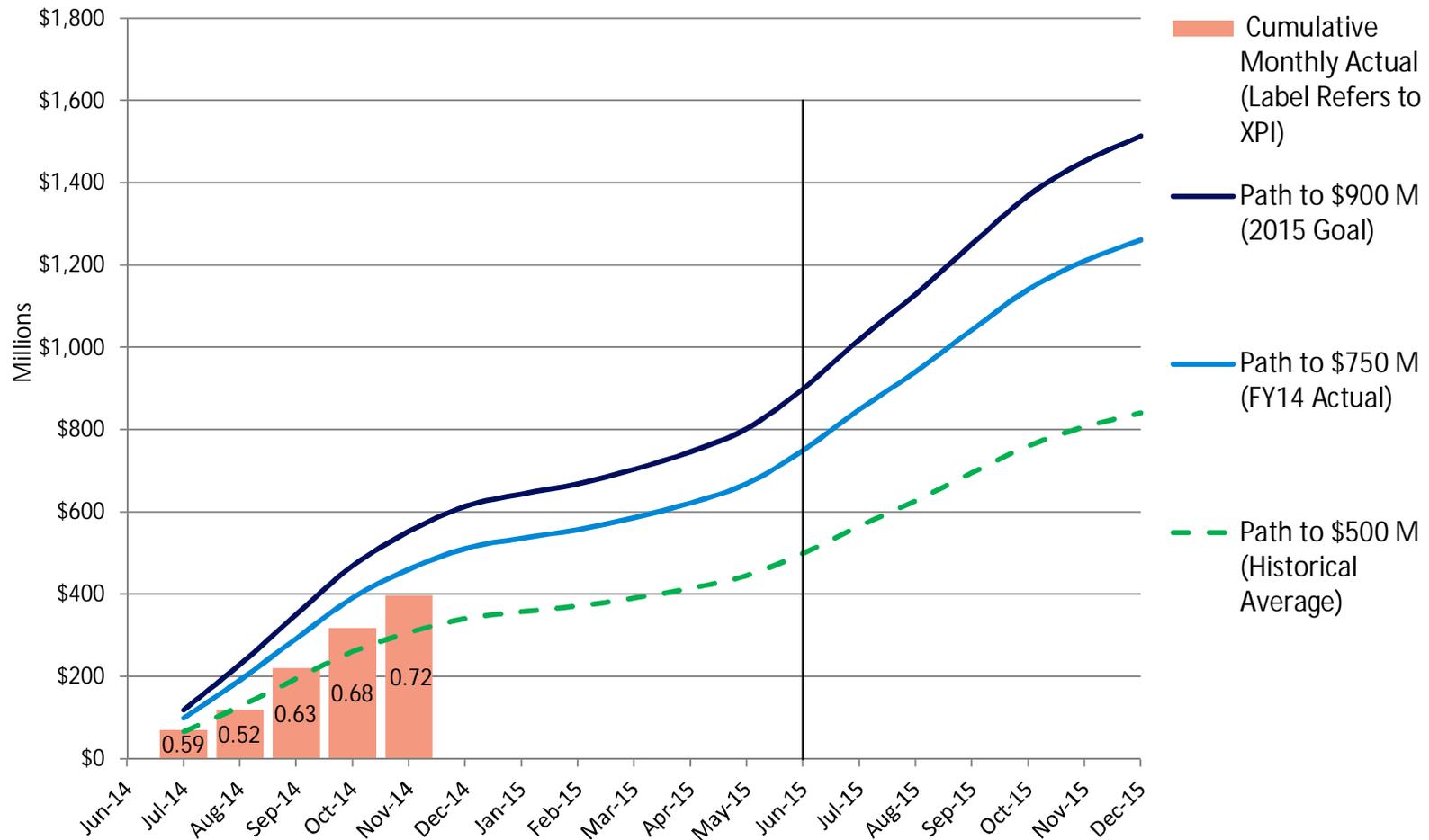


As of December 4, 2014



Expenditure Performance Index

Total Construction Expenditures FY 15



As of December 3, 2014



PMO Reporting Overview by Program

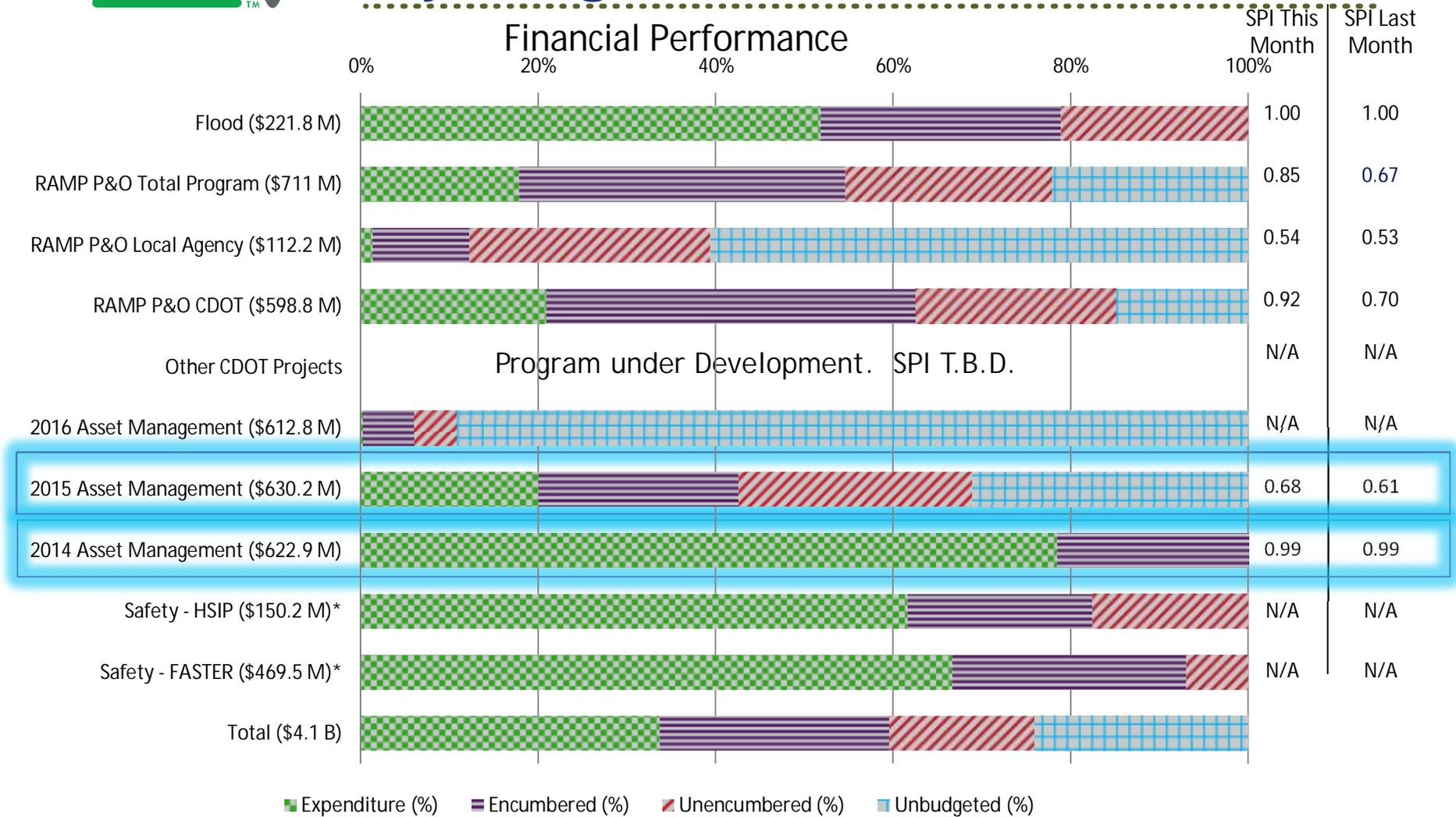
Program	Financial Performance (\$Millions)			Schedule	Quarterly Rotation
	Program Expenditure through 10/17/2014	Program Expenditure through 11/21/2014	\$ Change	SPI	
Flood	\$113.5	\$114.9	\$1.5	1.00	Jan. 2015
RAMP P&O (Local Agency)	\$1.2	\$1.4	\$0.2	0.54	Jan. 2015
RAMP P&O (CDOT)	\$106.2	\$124.3	\$18.1	0.92	Feb. 2015
RAMP P&O (Overall)	\$107.4	\$125.7	\$18.3	0.85	Feb. 2015
Safety Projects - FASTER and HSIP	\$390.6	\$405.8	\$15.2	N/A	Feb. 2015
Other CDOT Projects	N/A	N/A	N/A	N/A	Dec. 2014
Asset Management	\$559.0	\$615.9	\$56.9	0.68/0.99	Dec. 2014

Notes: Asset Management expenditures are a combination of 2014, 2015, 2016. Asset Management expenditures include MLOS and Roadway Equipment while these are excluded in the overall program SPI. N/A - Program in development and data not available at this time. SPI's shown are for Preconstruction.

As of November 21, 2014



PMO Reporting Overview by Program



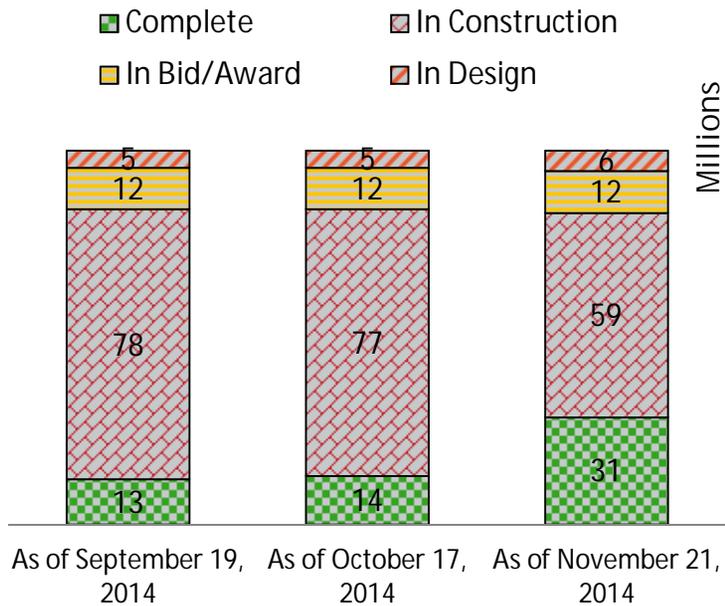
Total Cumulative Program Amounts are for the duration of the program. Program amounts and duration vary for each program. *HSIP and FASTER expenditures shown are for all projects with FASTER and HSIP funding and includes Asset Management and RAMP Projects. RAMP P&O refers to RAMP Partnership & Operations.

As of November 21, 2014

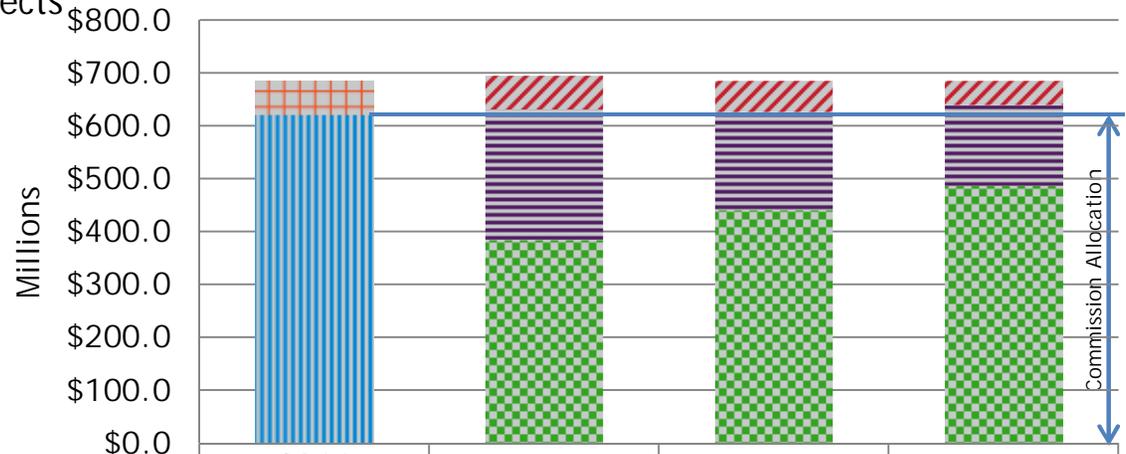


Status of 2014 Asset Management

2014 Asset Management Projects
(108 Total)



2014 Asset Management Financial Status



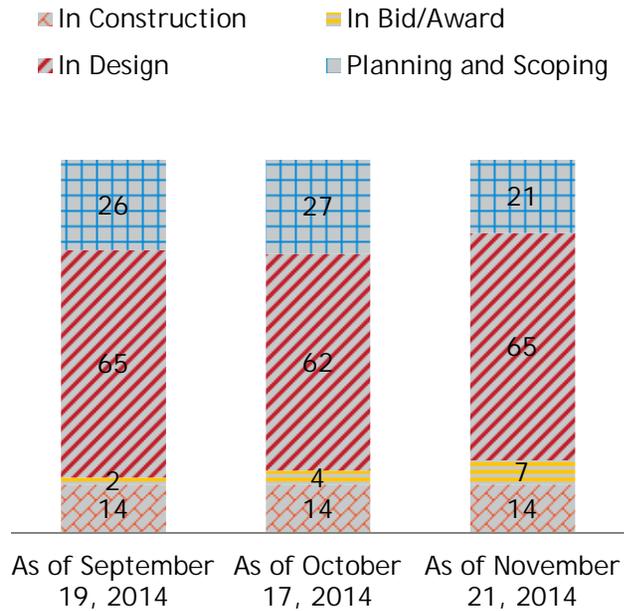
■ Unencumbered (Millions)		\$64.1 (9%)	\$58.5 (9%)	\$45.3 (7%)
■ Encumbered (Millions)		\$246.6 (36%)	\$186.1 (27%)	\$152.6 (22%)
■ Expenditure (Millions)		\$385.5 (55%)	\$442.2 (64%)	\$488.4 (71%)
■ Other CDOT Funds (Millions)	\$63.4			
■ 2014 Approved Budget (RAMP & Baseline) Less BE and Bridge Fixed Costs	\$622.9			(9%)

As of November 21, 2014

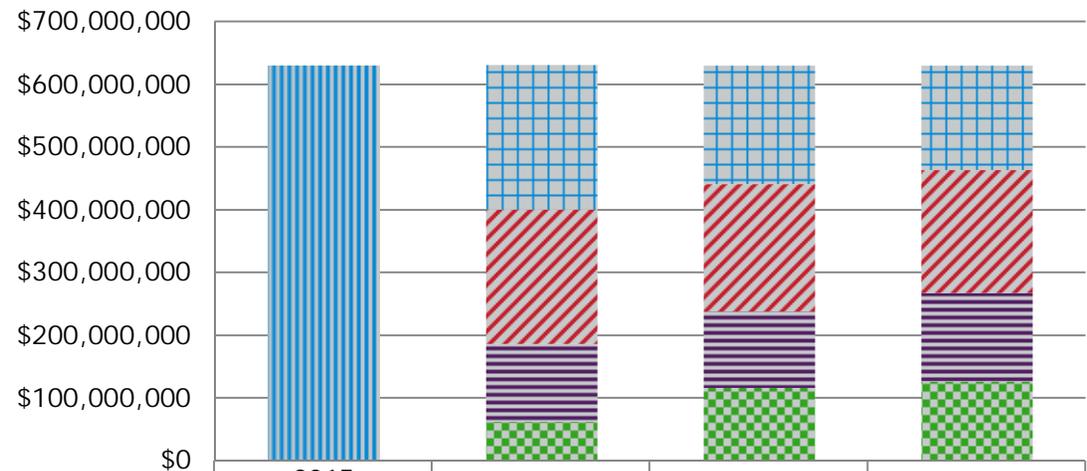


Status of 2015 Asset Management

2015 Asset Management Projects (107 Total)



2015 Asset Management Financial Status



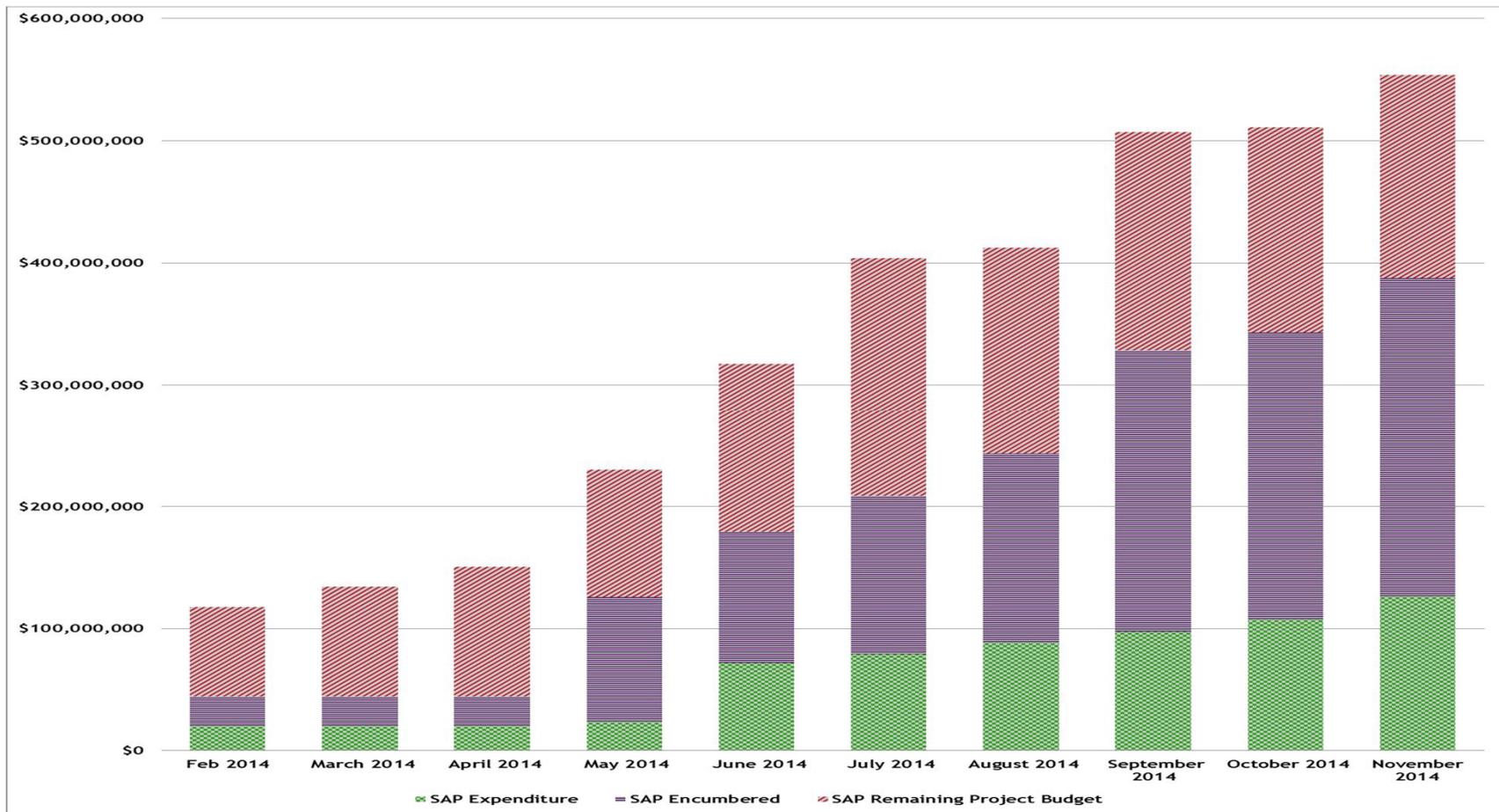
Unbudgeted		\$231,052,000	\$189,100,970	\$165,864,000	(26%)
Unencumbered		\$214,100,525	\$202,921,979	\$196,024,938	(31%)
Encumbered		\$124,179,017	\$122,296,453	\$142,111,385	(23%)
Expenditure		\$62,051,930	\$115,929,208	\$125,941,213	(20%)
2015 Approved Budget (RAMP & Baseline) Less BE and Bridge Fixed Costs	\$630,248,610				

As of November 21, 2014



Overview of RAMP P&O Program

RAMP Partnership and Operations Program Financial Status in SAP



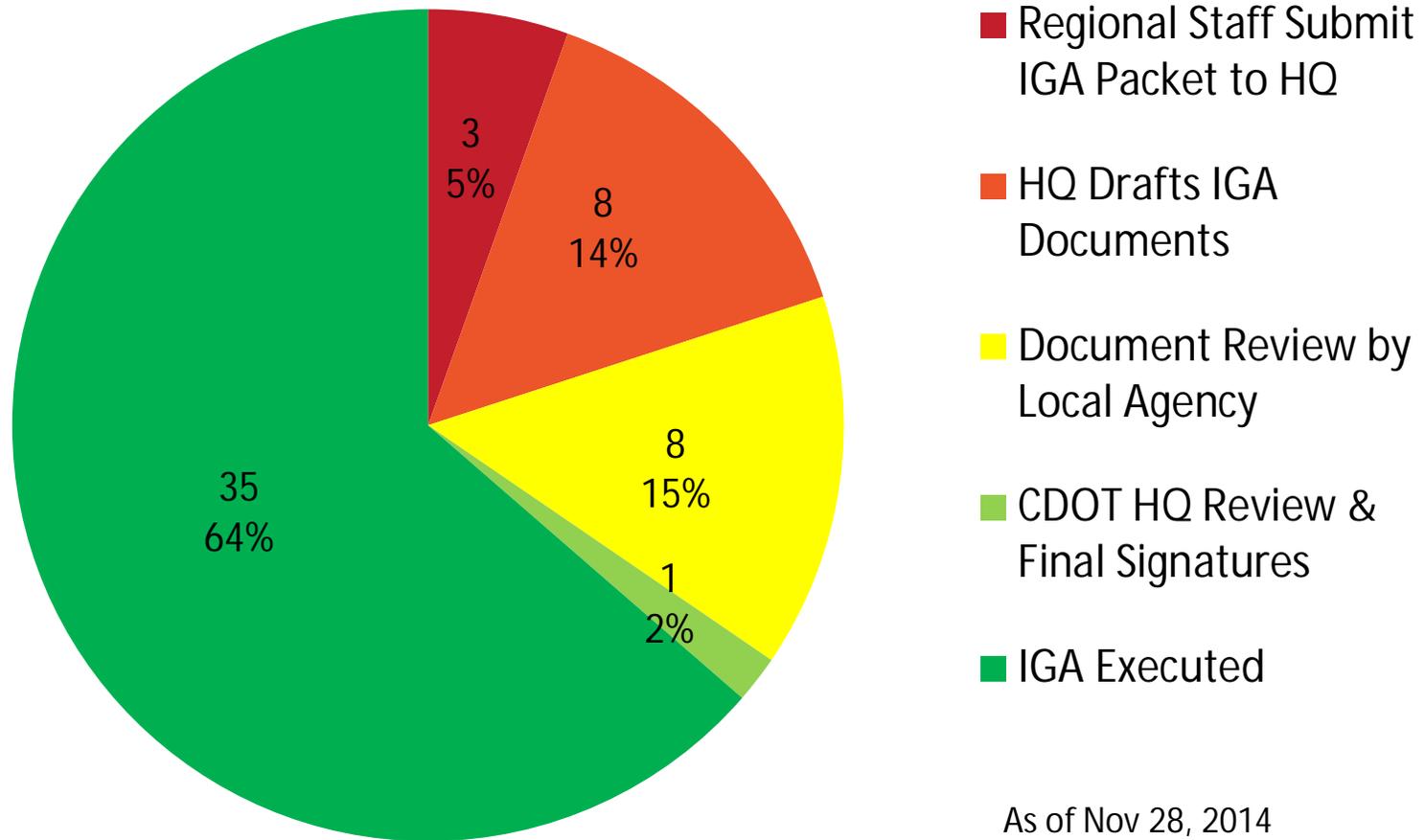
As of November 21, 2014



Status of RAMP IGAs

Current IGA Progress - RAMP Program

Total # of IGAs: 55

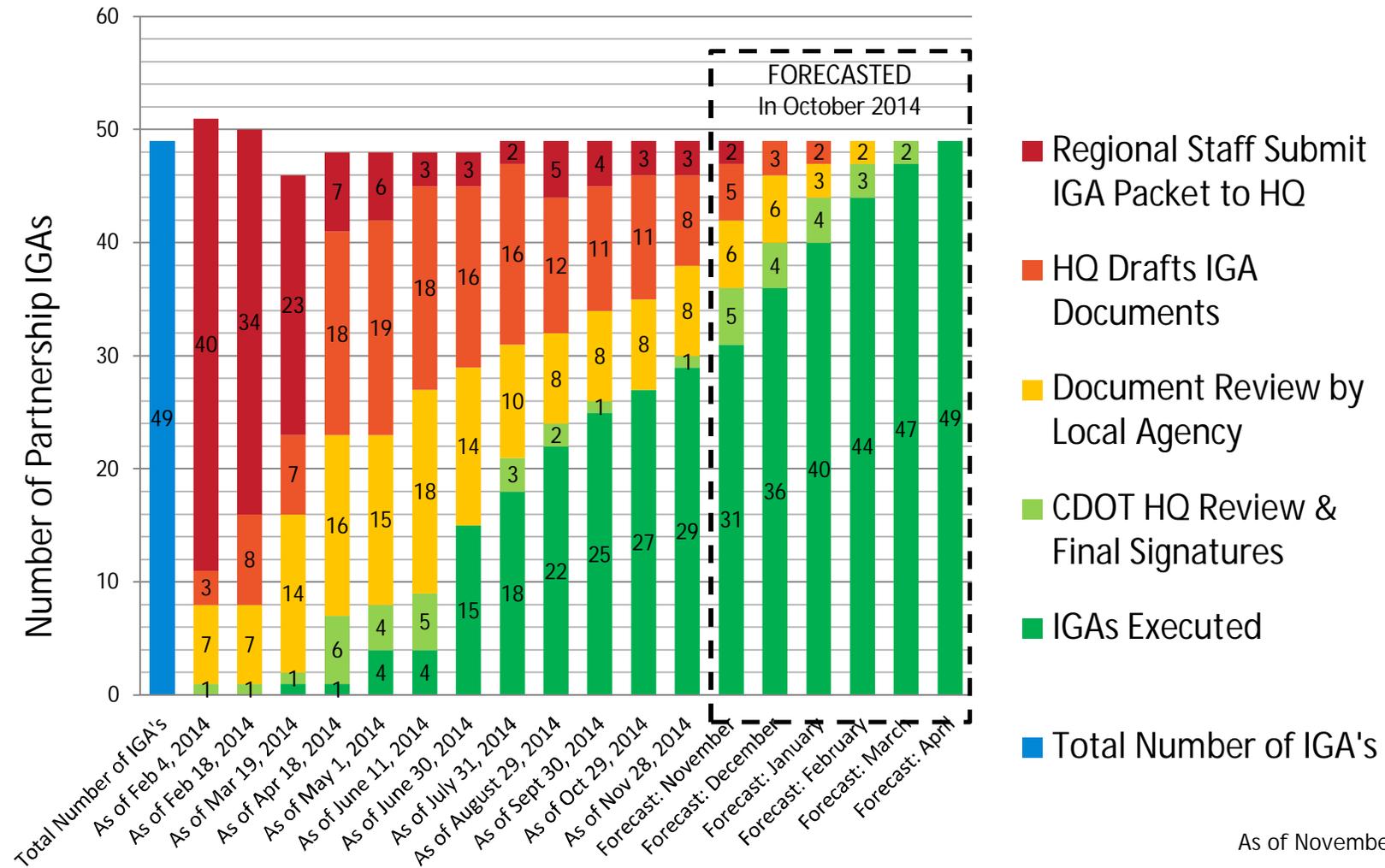


As of Nov 28, 2014



Status of RAMP IGAs

RAMP Partnership IGA's



As of November 28, 2014



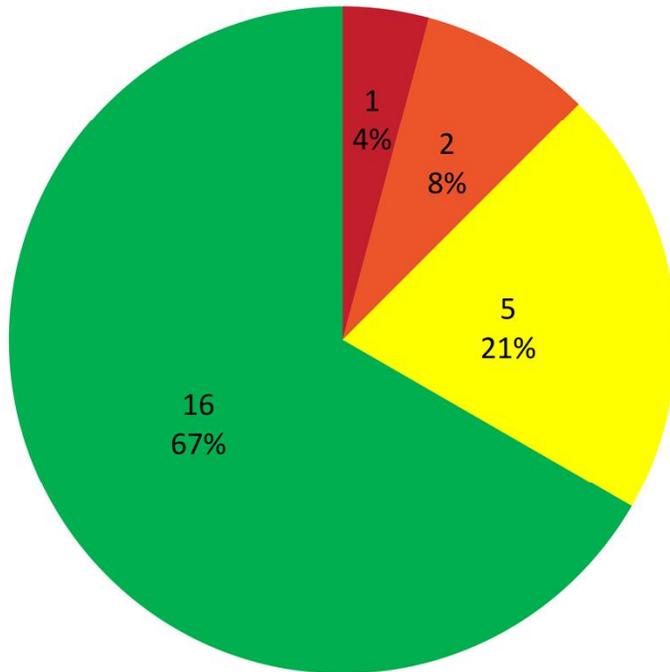
Status of RAMP IGAs

Comparing the IGA Status of Locally vs CDOT Administered RAMP Projects

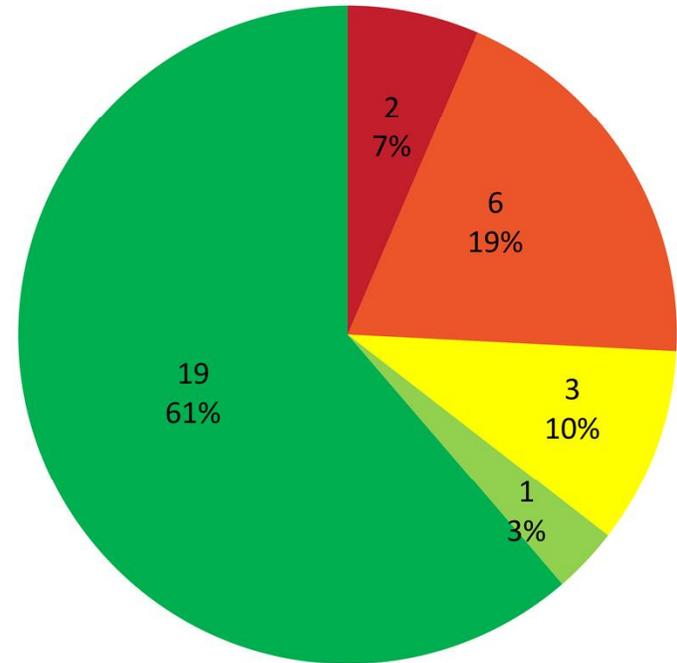
24 Locally Administered Projects

Total # of IGAs: 55

25 CDOT Administered Projects



- Regional Staff Submit IGA Packet to HQ
- HQ Drafts IGA Documents
- Document Review by Local Agency
- CDOT HQ Review / LA Signatures
- IGA Executed



As of Nov 28, 2014



Coming Attractions

- Update of Cash Balance
- Updated Expenditure Performance Index
- Overview of Flood Projects
- Overview of RAMP P&O (Local Agency)

As of December 05, 2014