



## COLORADO

Department of Transportation

Office of the Chief Engineer

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

**DATE:** August 21, 2014  
**TO:** Transportation Commission  
**FROM:** Josh Laipply, Chief Engineer  
Scott Richrath, Chief Financial Officer  
**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 RAMP Partnership and Operations.

### 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.

This month's presentation includes a focus on the 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.

Similar to last month, a status update of Significant Projects or those projects greater than \$25 M is provided.

Our focus on RAMP Partnership and Operations projects breaks them into tiers similar to the method used for significant projects.



## ***Update on the RAMP Partnership and Operations Intergovernmental Agreements (IGAs)***

More than two thirds of the IGAs needed for RAMP are either signed or in the signature process. This month we show a forecast of our plan to get all of the IGAs signed by December 31<sup>st</sup>.

## ***Budget Supplement Information***

The Eastbound Peak Period Shoulder Lanes Project is included in the budget supplement to fund a second Construction Management General Contractor (CMGC) package of work. With this action, the project will track in the green category for RAMP funding. Future CMGC work packages (other CDOT funds) may return this project to the Transportation Commission for further budget action.

A memorandum discussing project cost estimates and funding is included with the budget supplement.

## **Next Steps**

CDOT staff will continue to make regular Program Management updates through workshops on the Commission agenda. These workshops will be jointly developed by the Chief Financial Officer and the Chief Engineer since the agency is adopting project delivery and financing methods that integrate cash management and program management.

## **Attachments**

1. Powerpoint Presentation





**COLORADO**

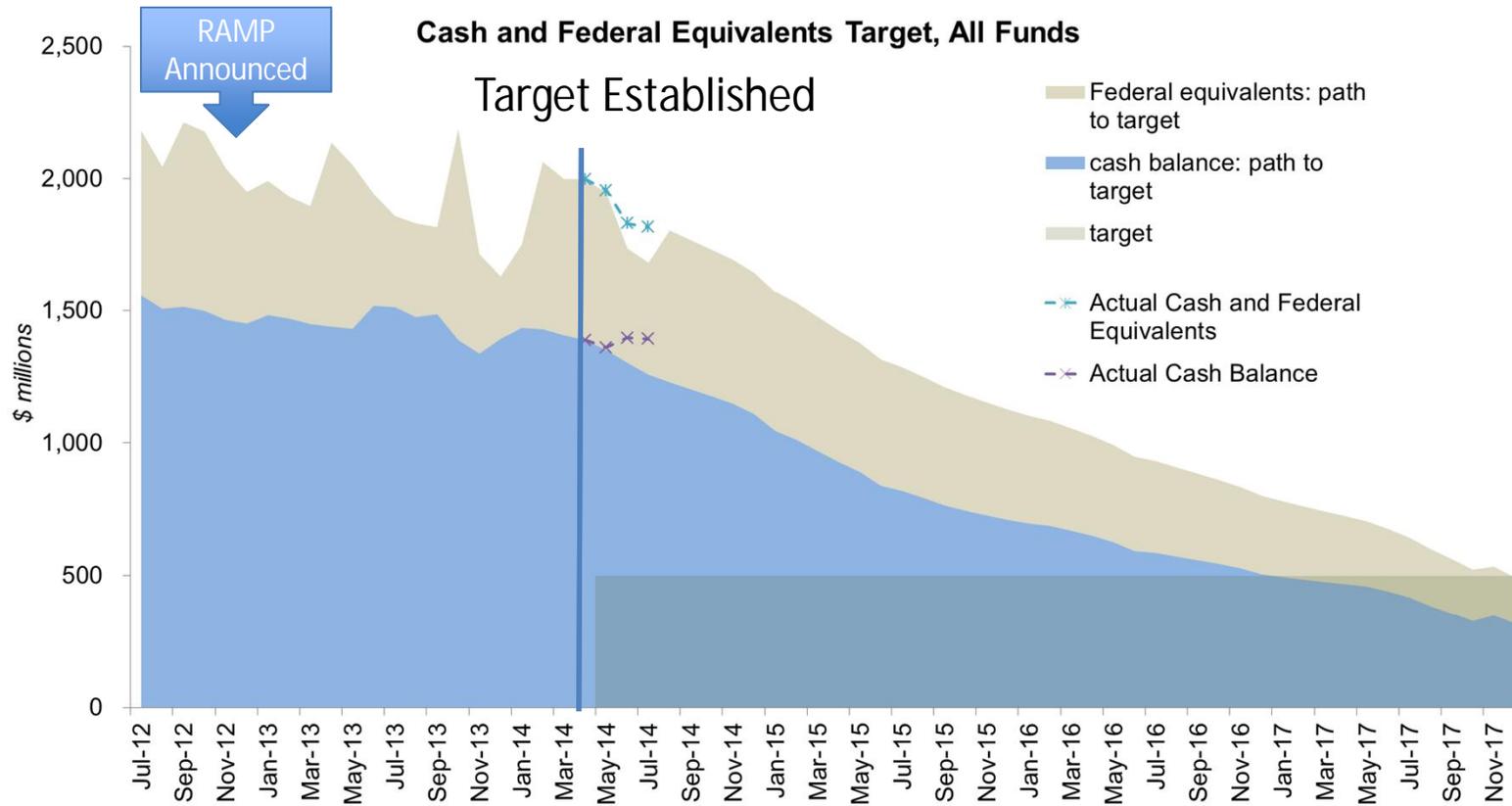
Department of  
Transportation



# Program Management Update August 20, 2014



# Cash & Equivalents Target Balance



As of August 6, 2014



# PMO Reporting Overview by Program

Program	Financial Performance (\$Millions)			Schedule	Quarterly Rotation
	Program Expenditure through 6/23/2014	Program Expenditure through 7/18/2014	\$ Change	SPI	
Flood	\$94.3	\$97.0	\$2.7	0.86	Oct.
RAMP P&O (Local Agency)	\$1.0	\$1.1	\$0.1	0.77	Oct.
RAMP P&O (CDOT)	\$71.1	\$78.3	\$7.2	0.52	August
RAMP P&O (Overall)	\$72.1	\$79.4	\$7.3	0.54	August
Other CDOT Projects	N/A	N/A	N/A	N/A	August
2014/2015 Asset Management	\$288.4	\$318.8	\$30.4	0.51/0.53	Sept.
Safety Projects	N/A	N/A	N/A	N/A	Sept.
<b>Totals</b>	<b>\$454.8</b>	<b>\$495.2</b>			

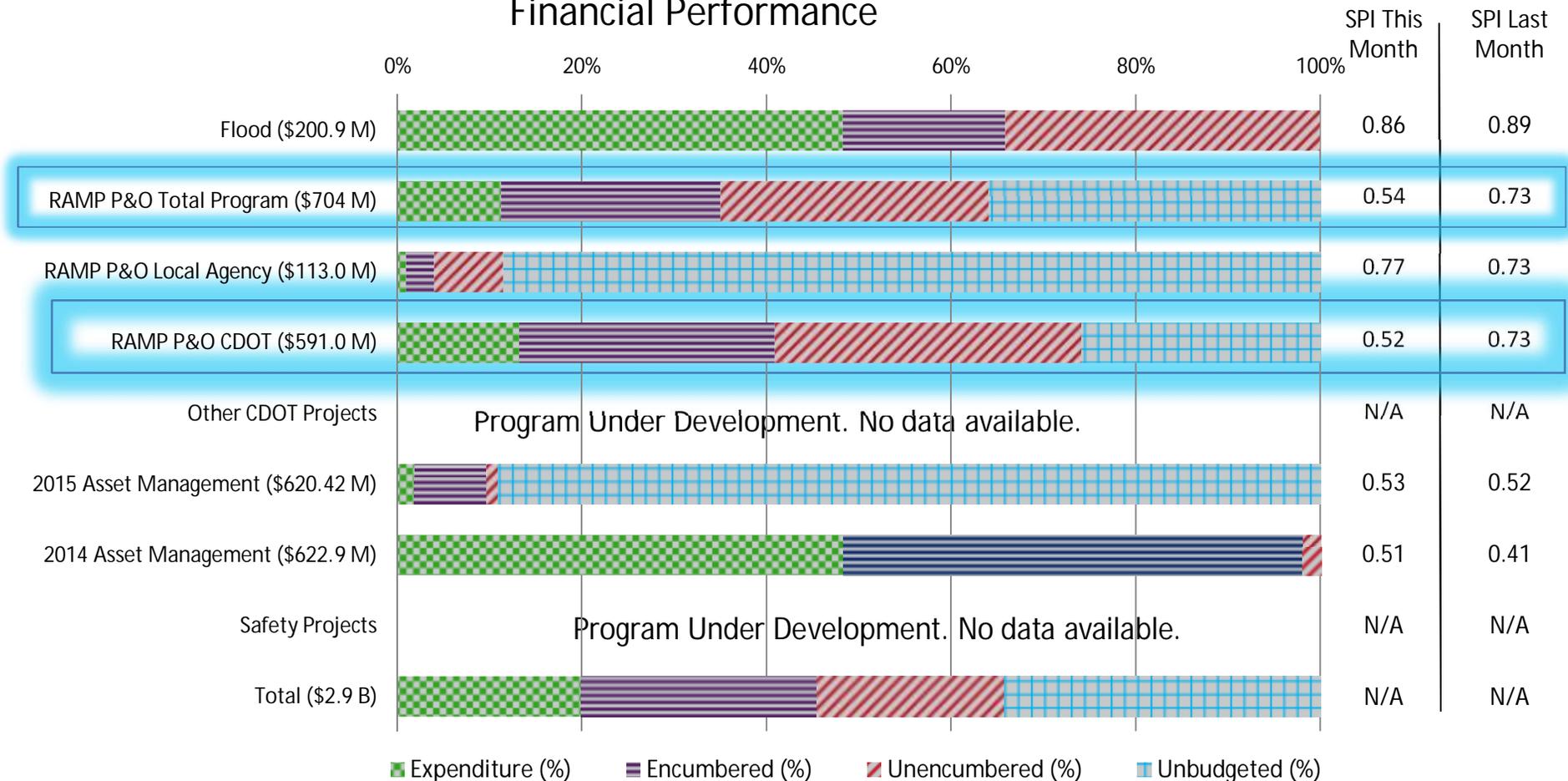
Notes: Asset Management expenditures are a combination of 2014 and 2015. Asset Management expenditures include MLOS and Roadway Equipment while these are excluded in the overall program SPI. N/A - Program in development and data not available at this time.

As of July 18, 2014



# PMO Reporting Overview by Program

## Financial Performance



Total Cumulative Program Amounts are for the duration of the program. Program amounts and duration vary for each program.

N/A - Master Program Schedule still in development, no data available.

Note: Asset Management expenditures include MLOS and Roadway Equipment while these are excluded in the overall program SPI.

As of July 18, 2014



# Status of Significant Projects

## Preconstruction

Project Name		Reg.	Total Project Cost Estimate (Millions)	Expenditure %	Phase
Tier 1	C-470 Managed Lanes, Kipling to I-25	1	\$214.0	0%	D
Tier 2	I-25 & Cimarron Interchange Recon D-B (RAMP)	2	\$95.0	2%	D
	I25A Pueblo Ilex Design Build (RAMP Non-BE)	2	\$32.2	0%	D
	I-70 East Corridor	1	\$77.0	40%	D
	I-25 and Arapahoe Rd Interchange CMGC (RAMP)	1	\$74.0	1%	D
	Grand Avenue Bridge, Glenwood	3	\$98.6	13%	D
	Twin Tunnels WB Widening Pkg 1 (RAMP HPTE)	1	\$55.0	27%	D
Tier 3	SH 9 Grand Co Safety Improv (RAMP)	3	\$46.0	0%	D
	I-25 Santa Fe Alameda Interchange Recons	1	\$31.9	0%	D
	Federal Blvd: 6th to Howard Recon & Improv (RAMP)	1	\$29.2	0%	D
	I-76: East of Crook to Sedgwick Phase I	4	\$26.3	15%	D
	EJMT Fire Suppression Sys D-B (RAMP)	1	\$25.8	2%	D
US6 & SH93: 19th St. Intersection Grade Sep (RAMP)	1	\$25.0	0%	D	
Totals			\$830.0	38%	
Number of Projects in Design as of July 18, 2014					13

## Construction

Project Name		Reg.	Total Project Cost Estimate (Millions)	Expenditure %	Phase
Tier 1	US36 Managed Lane Reconstruction (Phase 1 & 2)	1	\$304.8	67%	C
	US6 Bridges Design-Build	1	\$132.0	39%	C
	I-70 EB Twin Tunnel Widening Project	1	\$106.4	83%	C
Tier 2	I-25 Managed Lanes: US 36-120th Ave	1	\$71.4	16%	C
	I-25 Widening North of Colorado Springs	2	\$71.1	66%	C
	I-225 Parker Road to Mississippi Ave	1	\$62.9	75%	C
	120TH Ave Connection Phase II	1	\$59.8	47%	C
	HPTE US 36 Phase II to Foothills Blvd	1	\$57.5	51%	C
Tier 3	I-76 Fort Morgan to Brush (Phase III)	4	\$46.9	70%	C
	Woodmen-I 25 to Powers	2	\$36.0	82%	C
	Peoria-Smith: Grade Separation	1	\$33.8	9%	C
	I-25: Santa Fe Interchange Reconstruction	1	\$33.8	81%	C
	US6: Wadsworth Interchange & 4-14th Ave	1	\$32.5	68%	C
	US 287: SH1 to LaPorte Bypass (RAMP)	4	\$42.3	25%	C
	I-70 Tower to Colfax	1	\$31.9	23%	C
	SH88: Cherry Creek Bridge Repair - FBR	1	\$30.1	38%	C
I-70 Eastbound PPSL (RAMP)	1	\$50.1	8%	C	
Totals			\$1,203.4	38%	
Number of Projects in Construction as of July 18, 2014					17

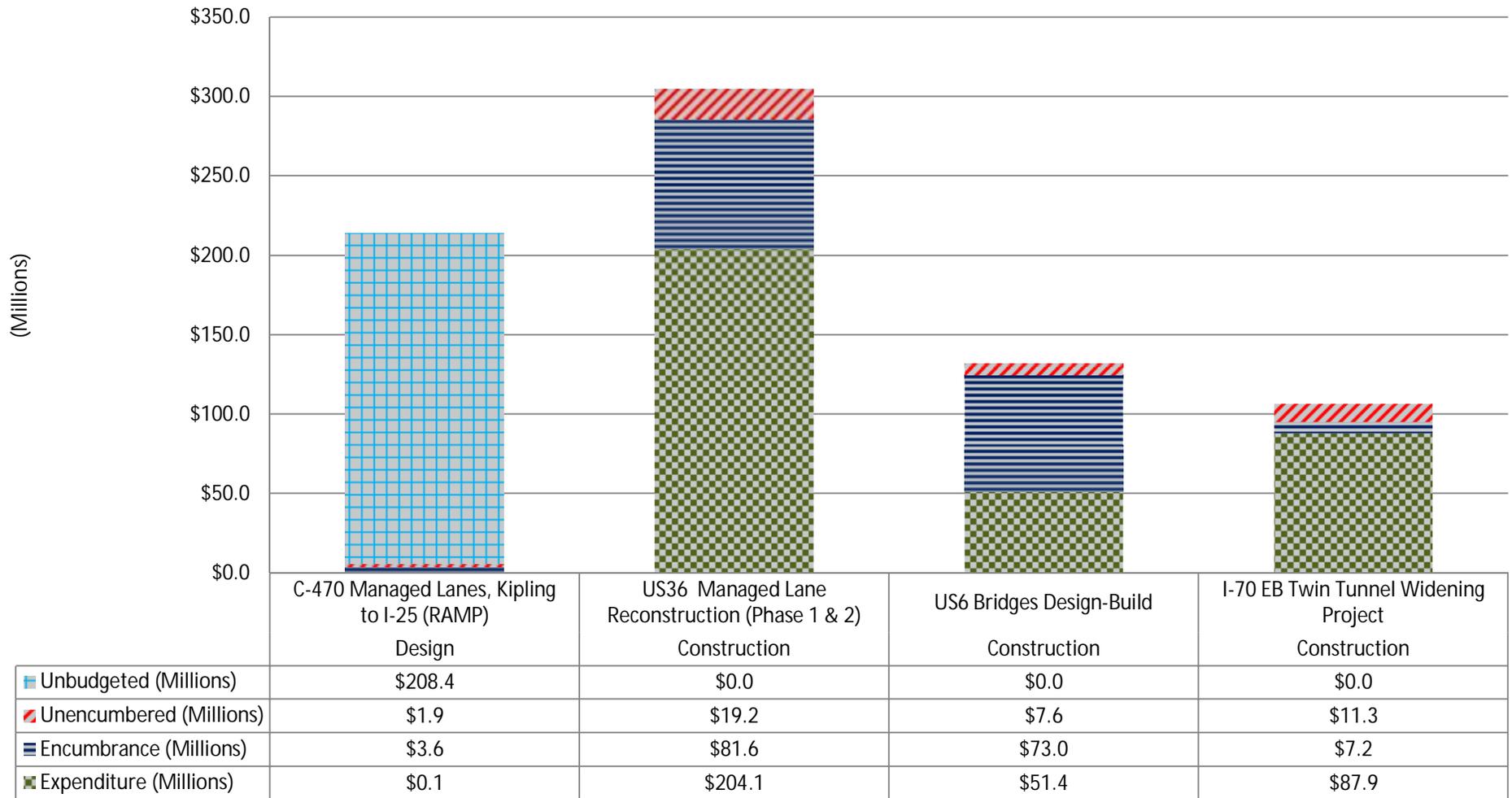
Total Projects	Total Project Cost Estimate (Millions)
30	\$2,033.4

As of July 18, 2014



# Status of Significant Projects

## Tier 1 (Greater than \$100M)

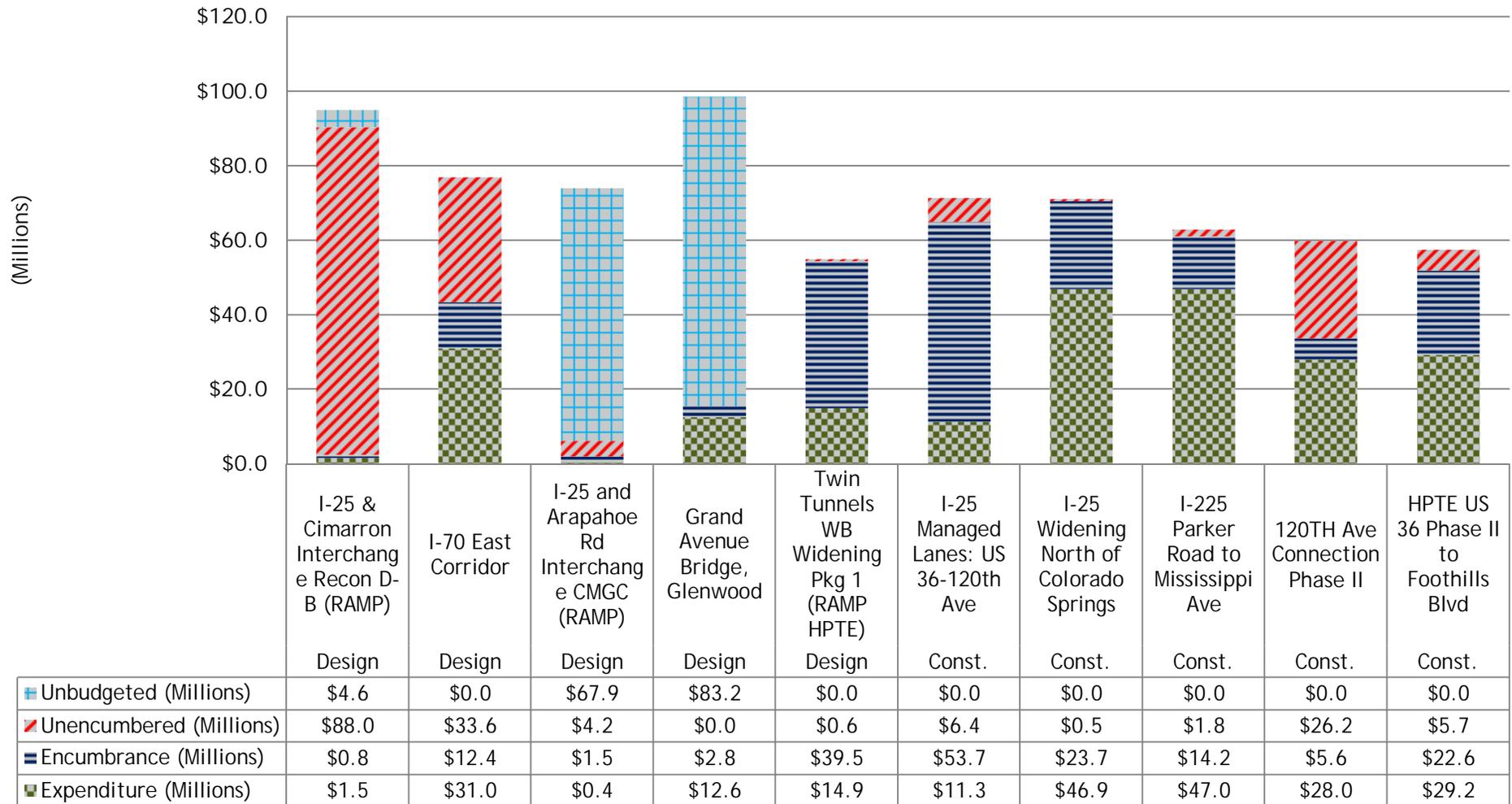


As of July 18, 2014



# Status of Significant Projects

## Tier 2 (Between \$50M and \$100M)

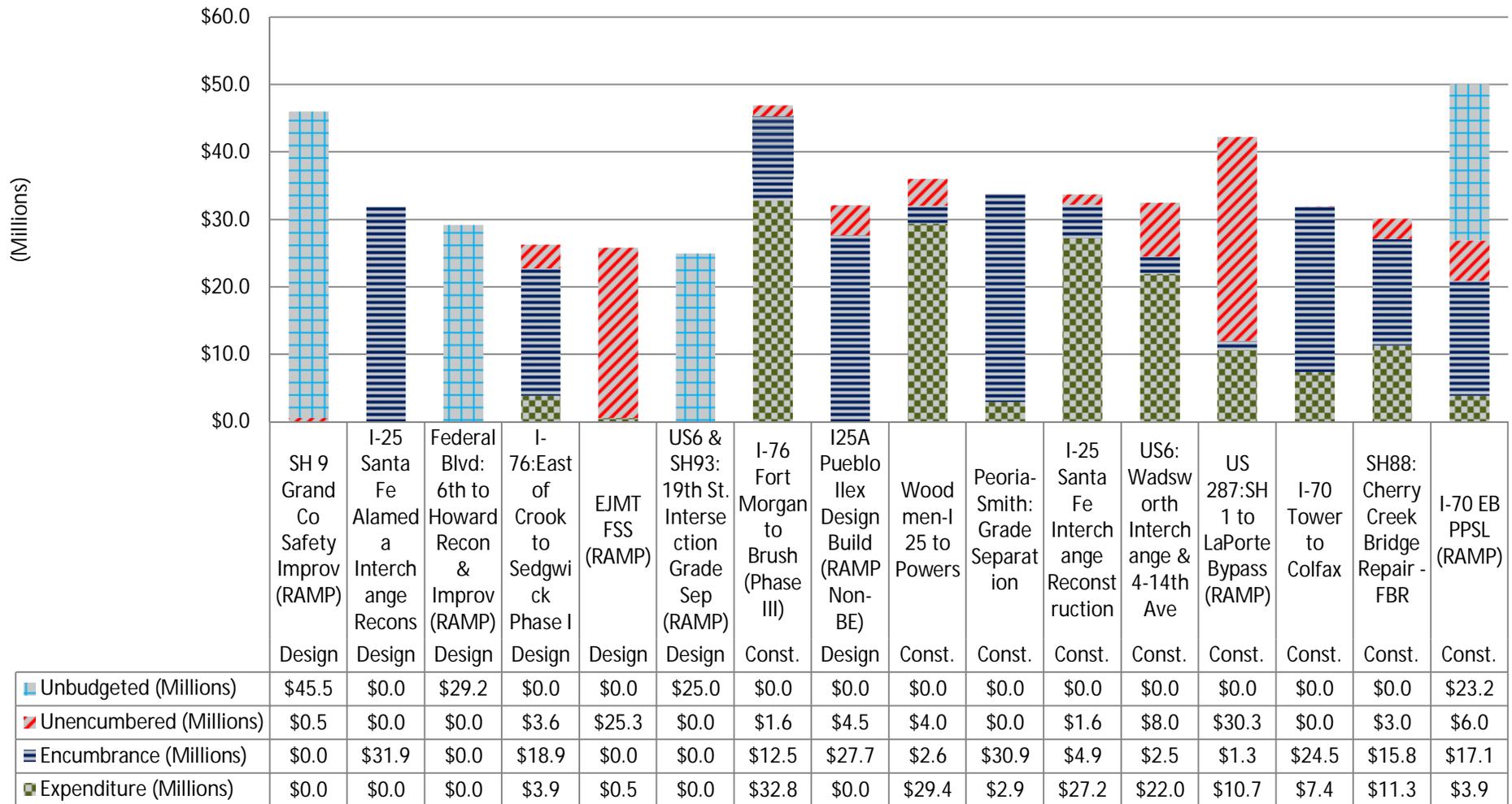


As of July 18, 2014



# Status of Significant Projects

## Tier 3 (Between \$25M and \$50M)



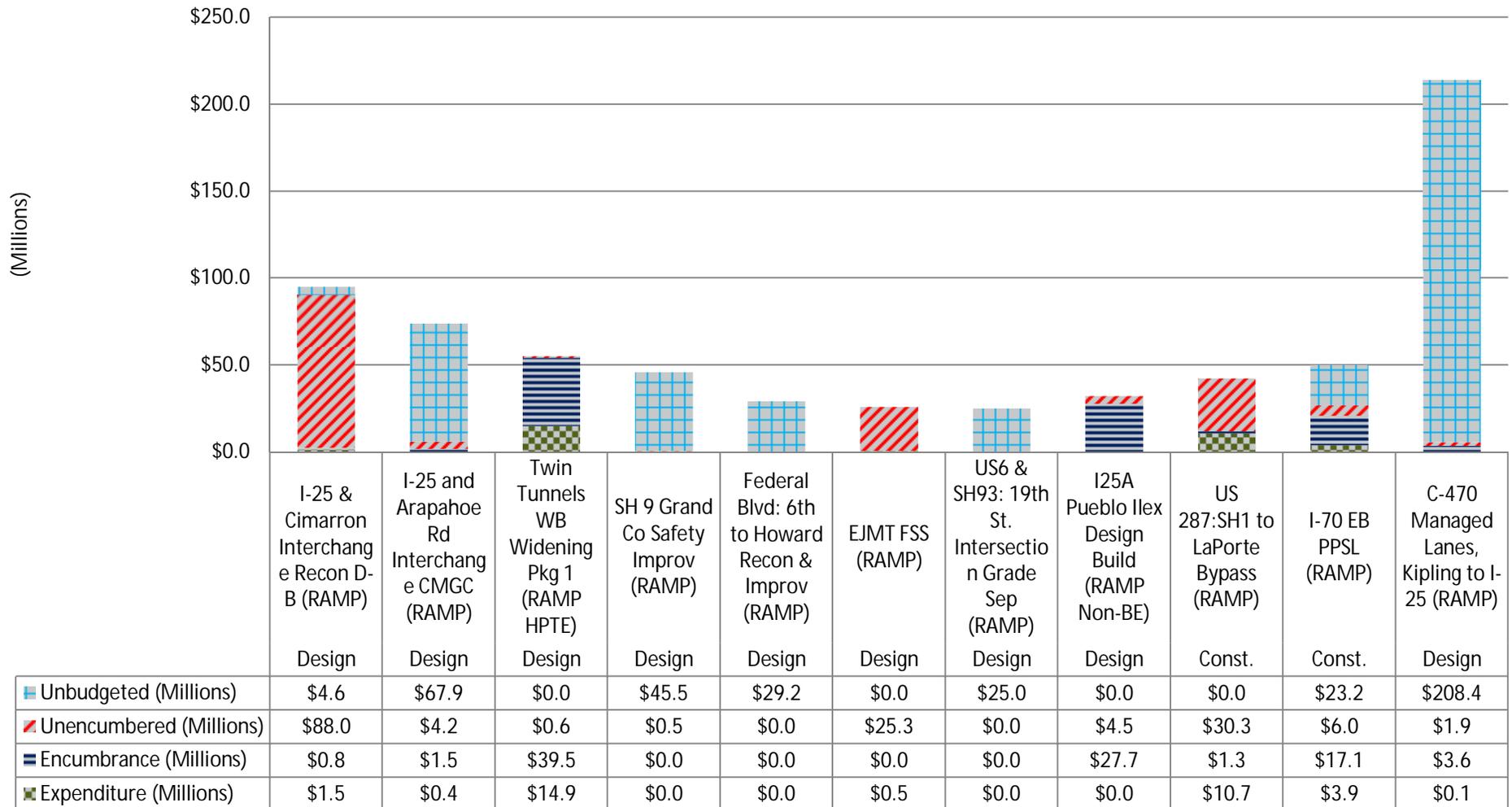
Note: I-70 Eastbound PPSL is a new project added to list.

As of July 18, 2014



# Status of Significant Projects

## RAMP Projects

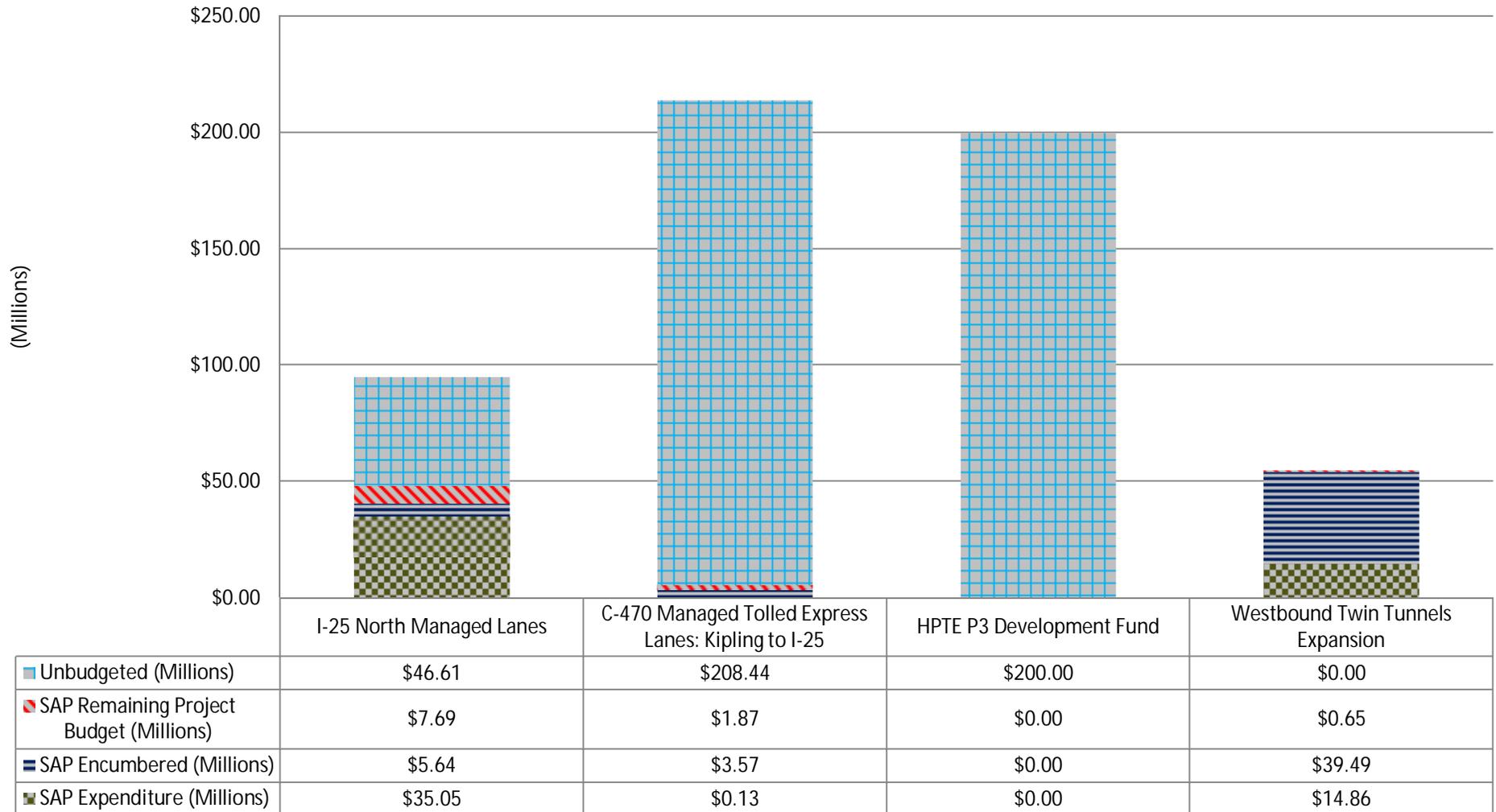


As of July 18, 2014



# Status of RAMP Projects

## HPTE P3



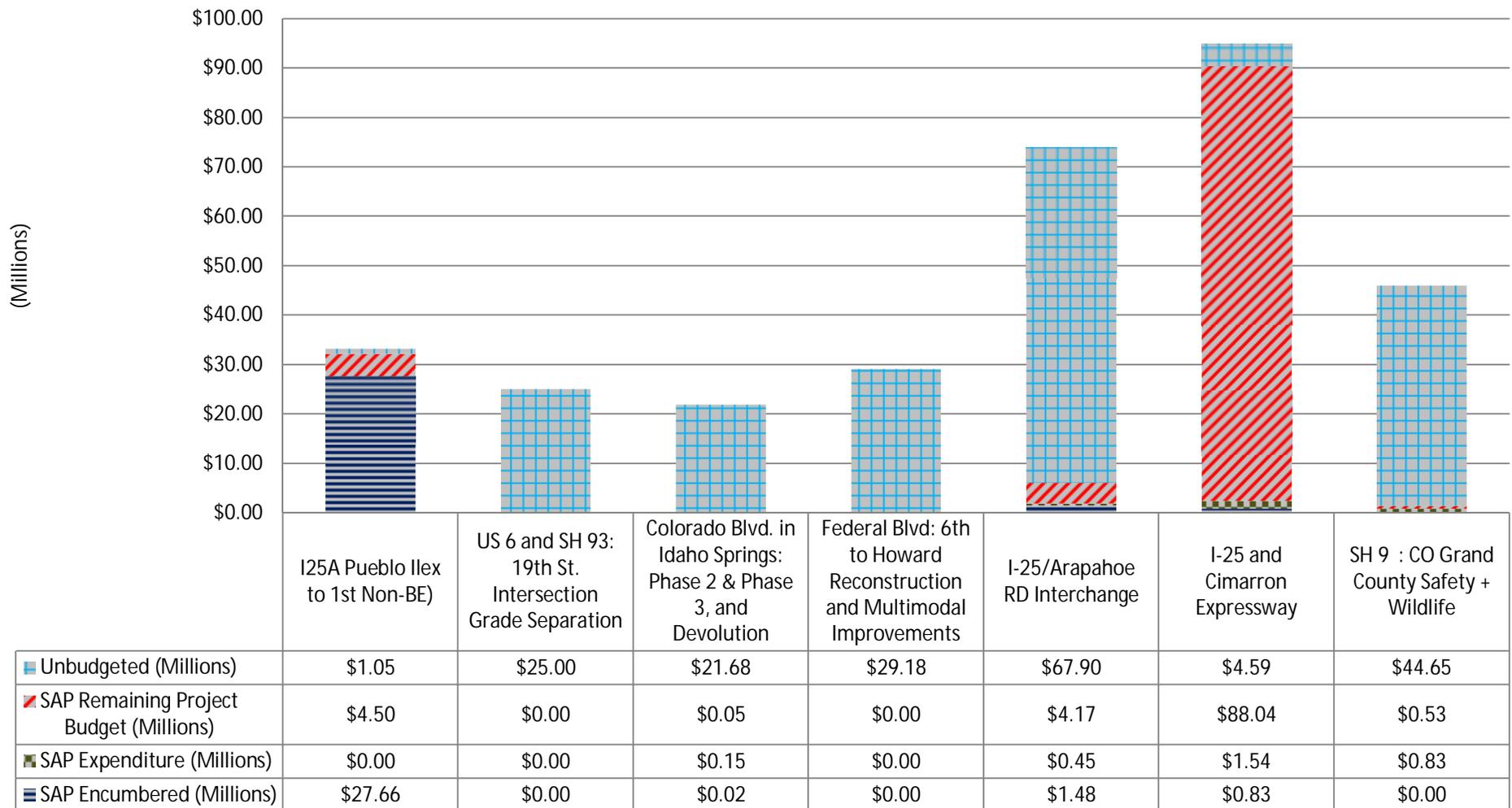
Note: I-25 North Project, we are tracking the RAMP Request amount until other P3 funding can be determined.

As of July 18, 2014



# Status of RAMP Projects

## Public-Public Partnerships: Large Projects \$20M +

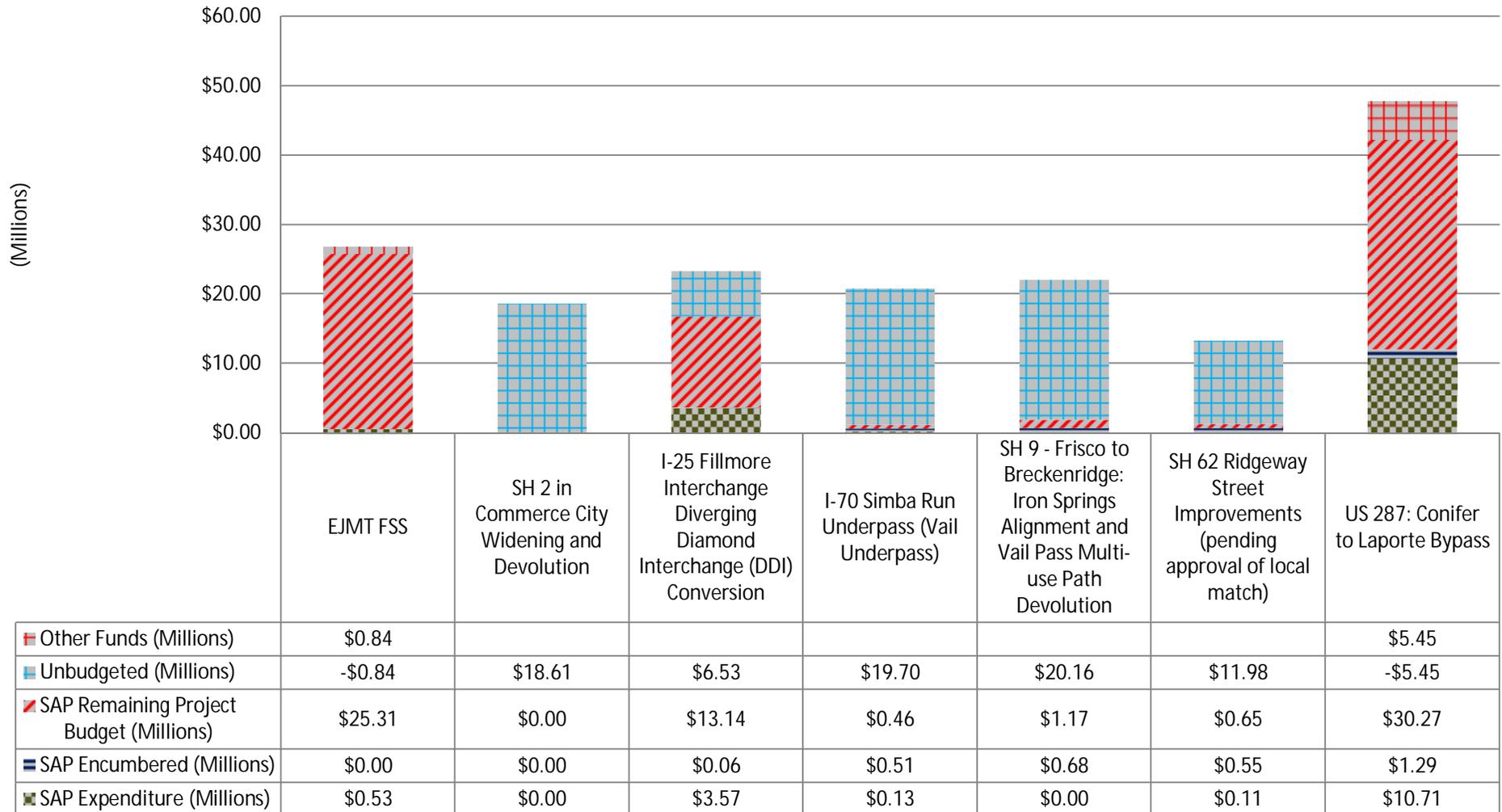


As of July 18, 2014



# Status of RAMP Projects

## Public-Public Partnerships: Medium Projects \$10M-\$19.9M

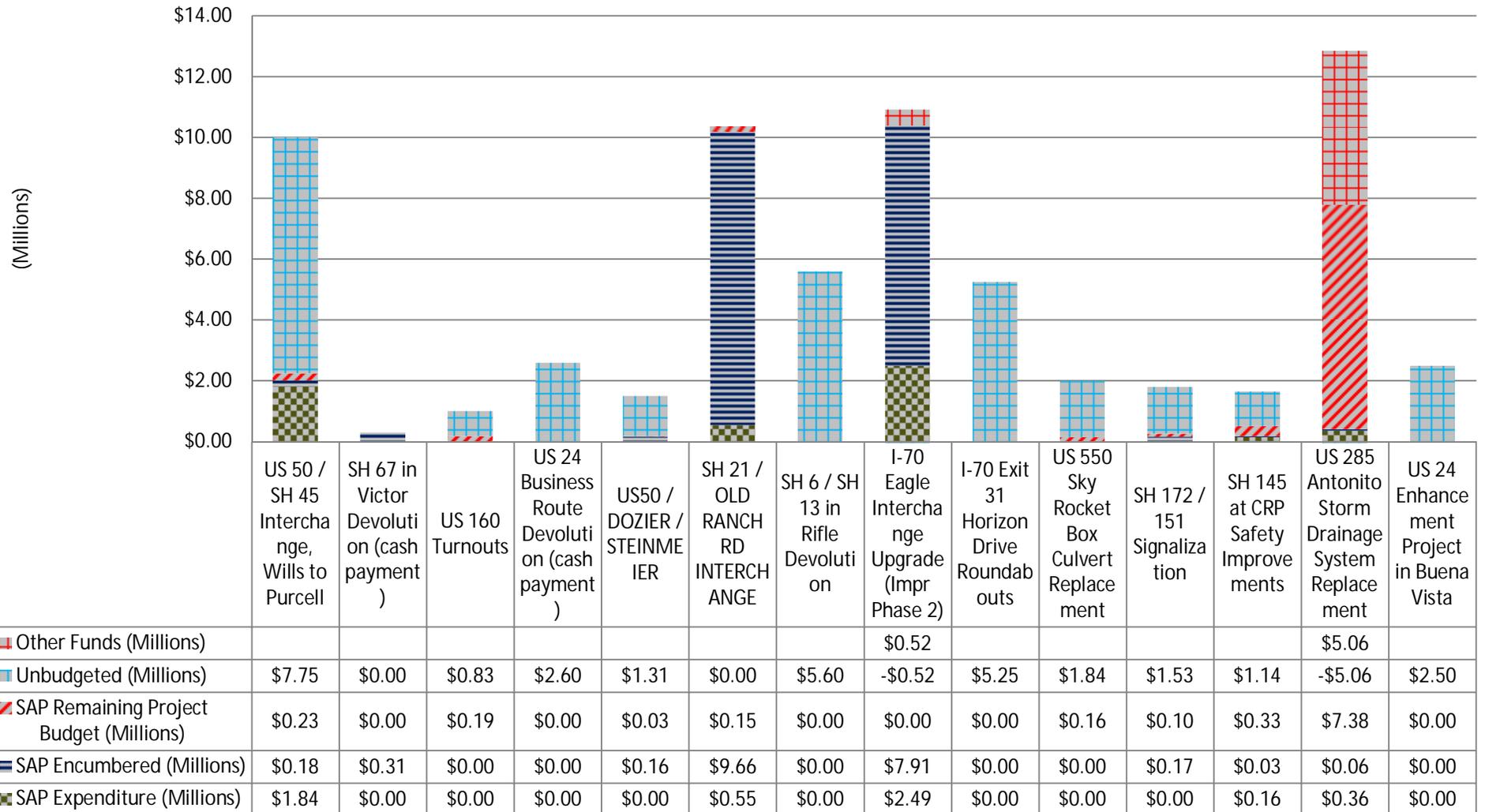


As of July 18, 2014



# Status of RAMP Projects

## Public-Public Partnerships: Small Projects < \$10M (CDOT)

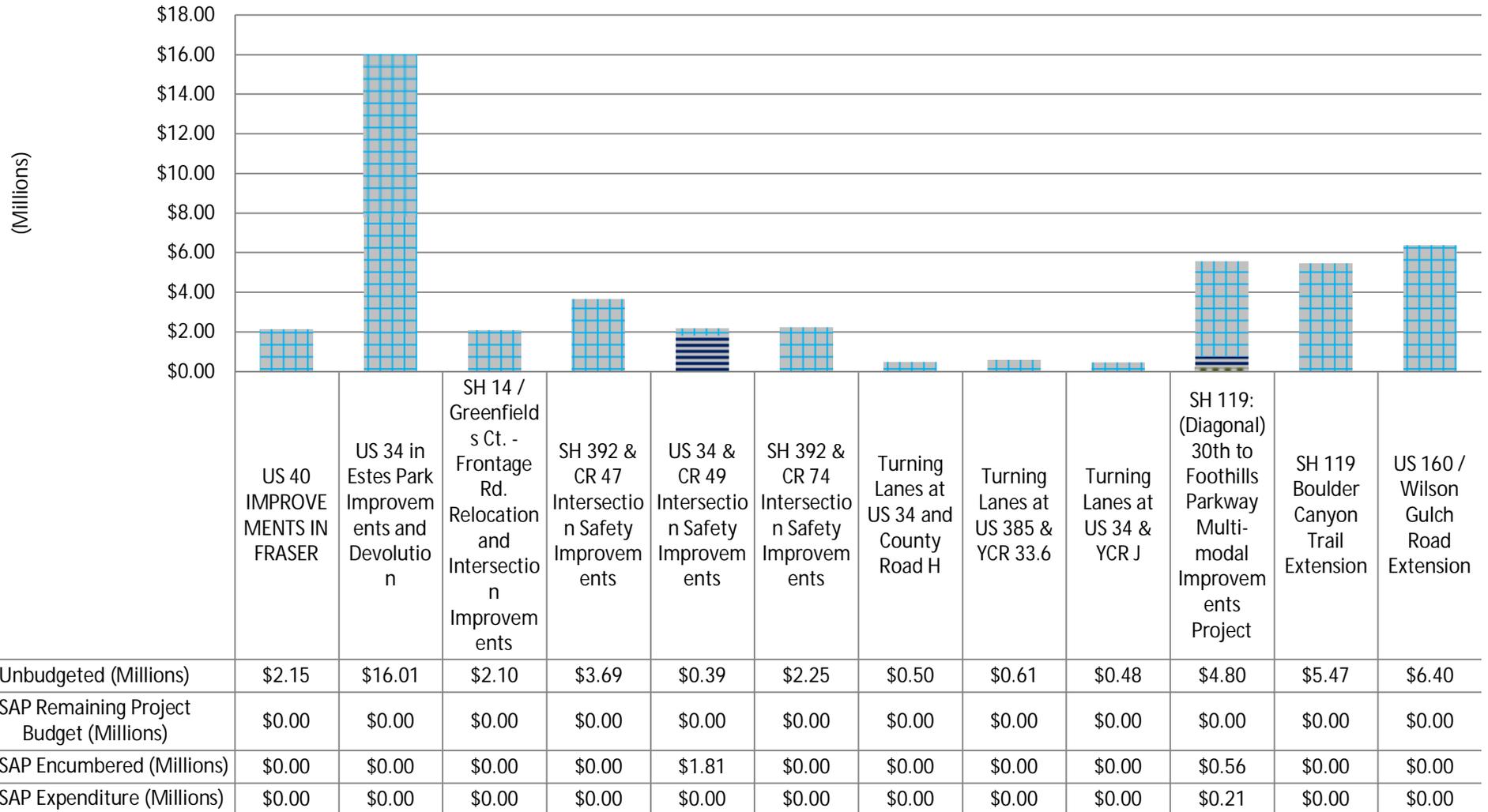


As of July 18, 2014



# Status of RAMP Projects

## Public-Public Partnerships: Small Projects < \$10M (Local Agency)

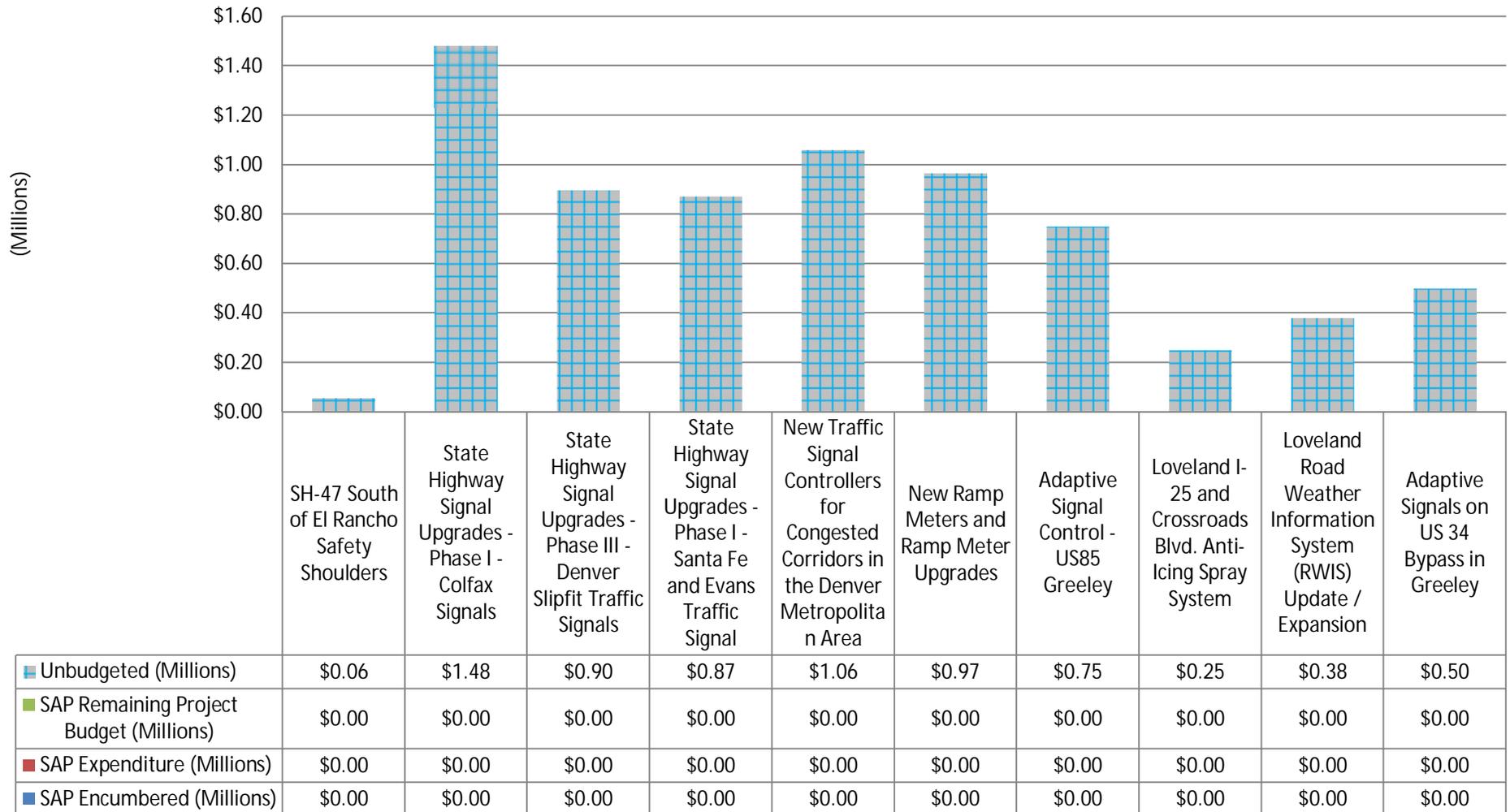


As of July 18, 2014



# Status of RAMP Projects

## Operations Projects (Unbudgeted) Page 1 of 2

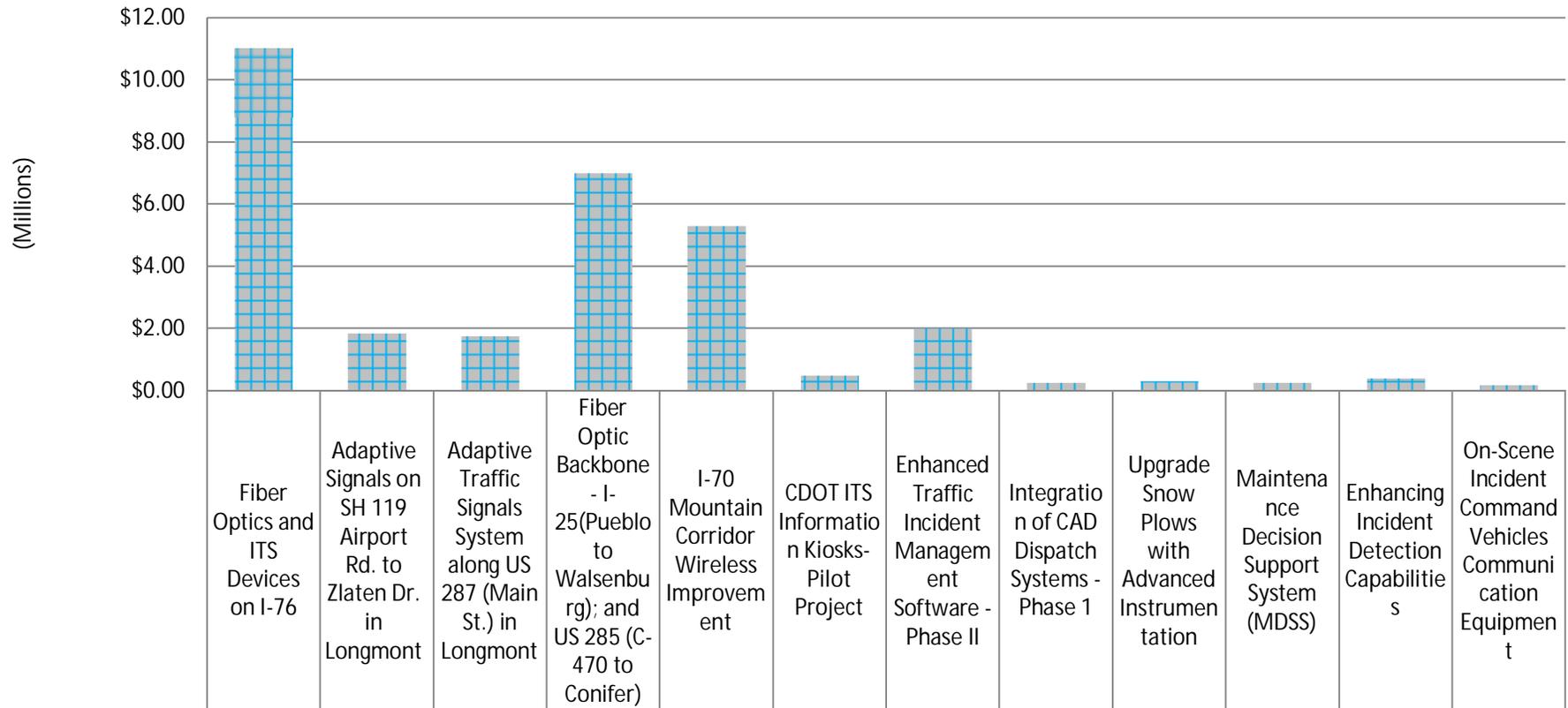


As of July 18, 2014



# Status of RAMP Projects

## Operations Projects (Unbudgeted) Page 2 of 2



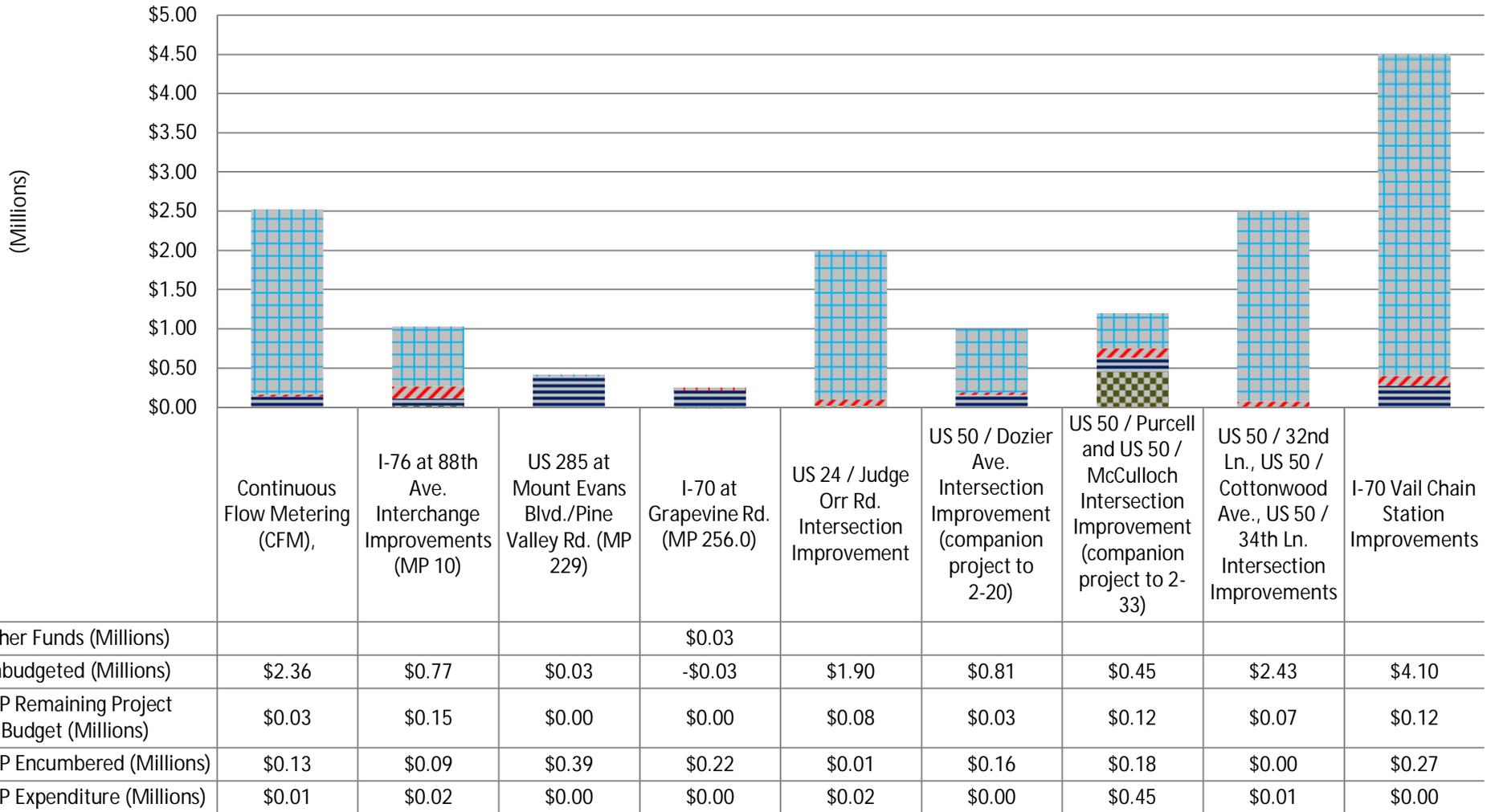
■ Unbudgeted (Millions)	\$11.00	\$1.85	\$1.76	\$7.00	\$5.30	\$0.48	\$2.00	\$0.25	\$0.30	\$0.25	\$0.39	\$0.18
■ SAP Remaining Project Budget (Millions)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
■ SAP Expenditure (Millions)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
■ SAP Encumbered (Millions)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

As of July 18, 2014



# Status of RAMP Projects

## Operations Projects (Budgeted) Page 1 of 2



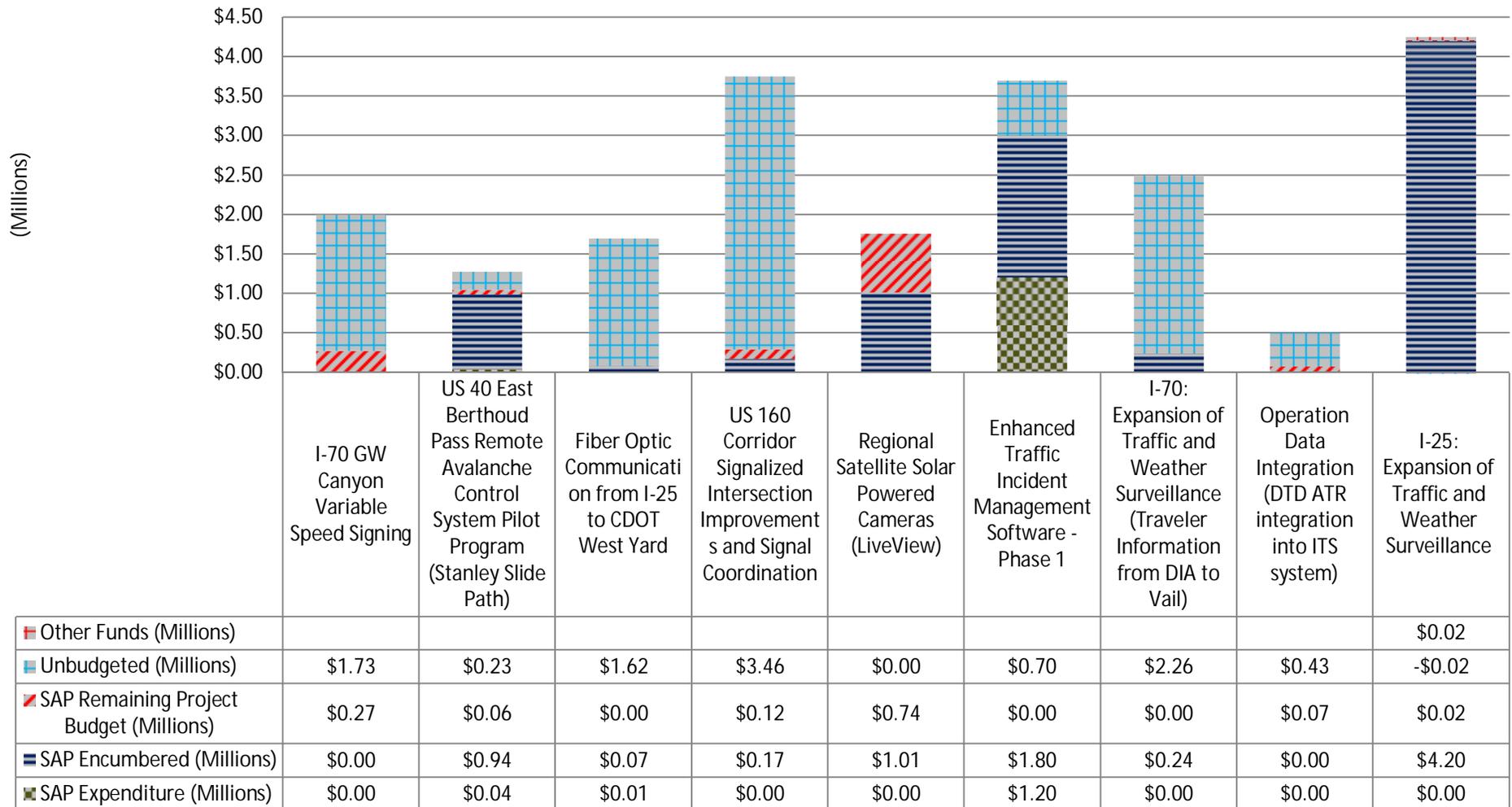
Note: I-70 Eastbound PPSL is not showing on this list.

As of July 18, 2014



# Status of RAMP Projects

## Operations Projects (Budgeted) Page 2 of 2



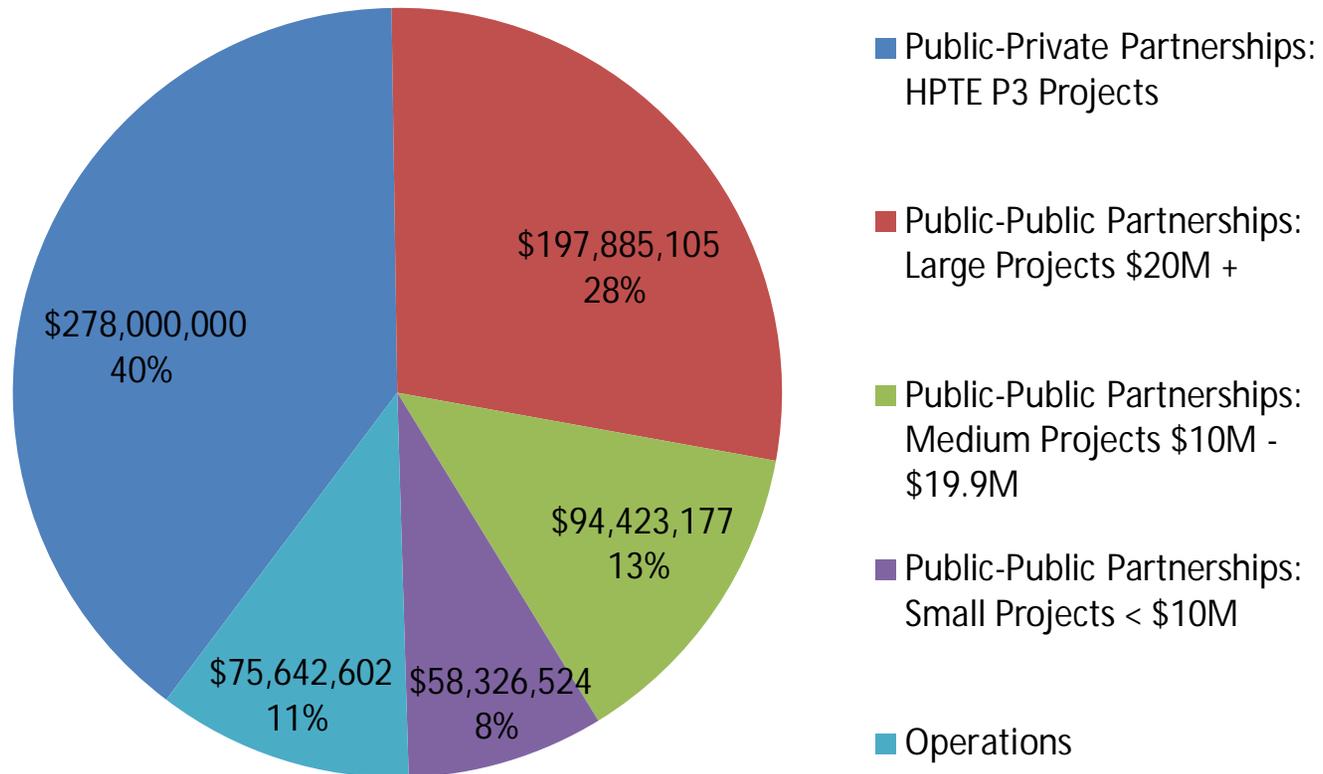
Note: I-70 Eastbound PPSL is not showing on this list.

As of July 18, 2014



# Status of RAMP Projects

\$704M RAMP Request Dollars split by RAMP Category



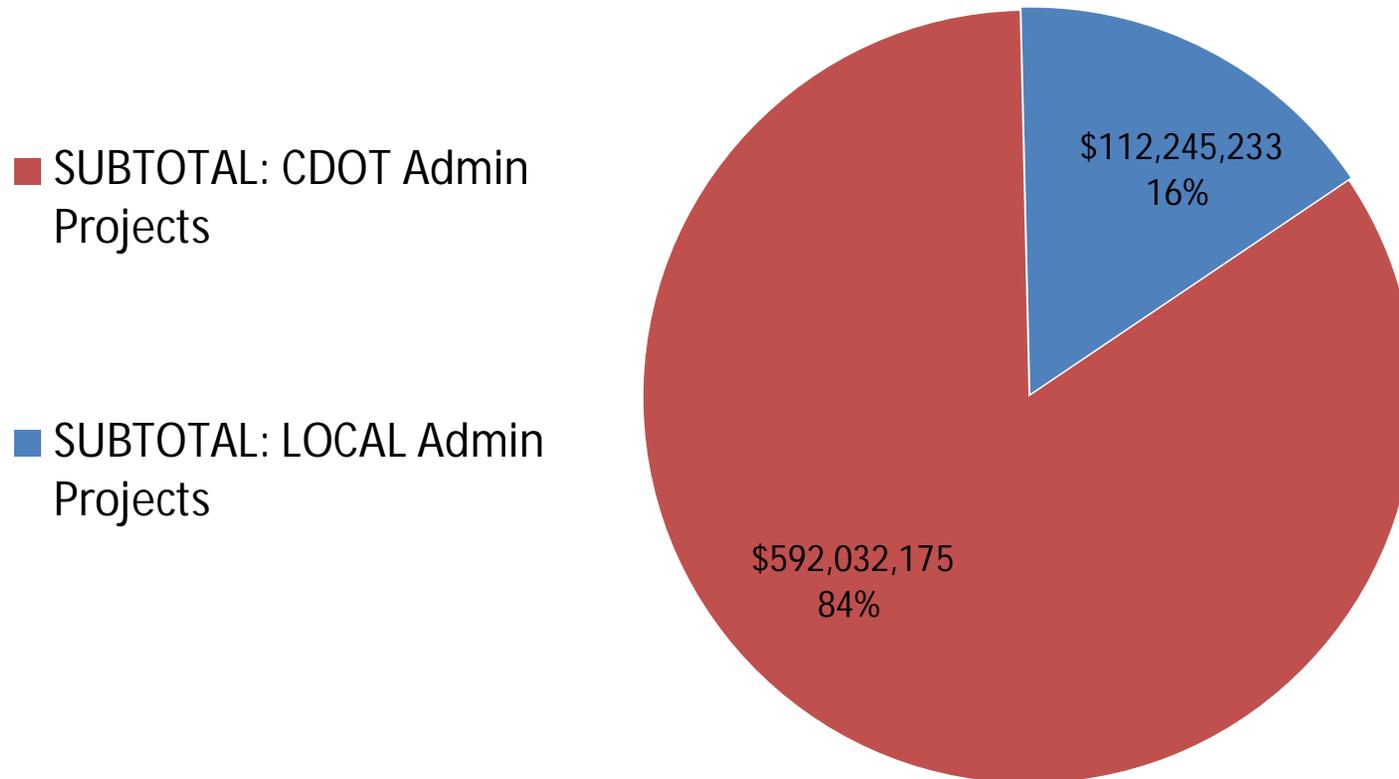
As of July 18, 2014



## Status of RAMP Projects

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\$704M RAMP Request Dollars split between CDOT & Local Agency Administered Projects



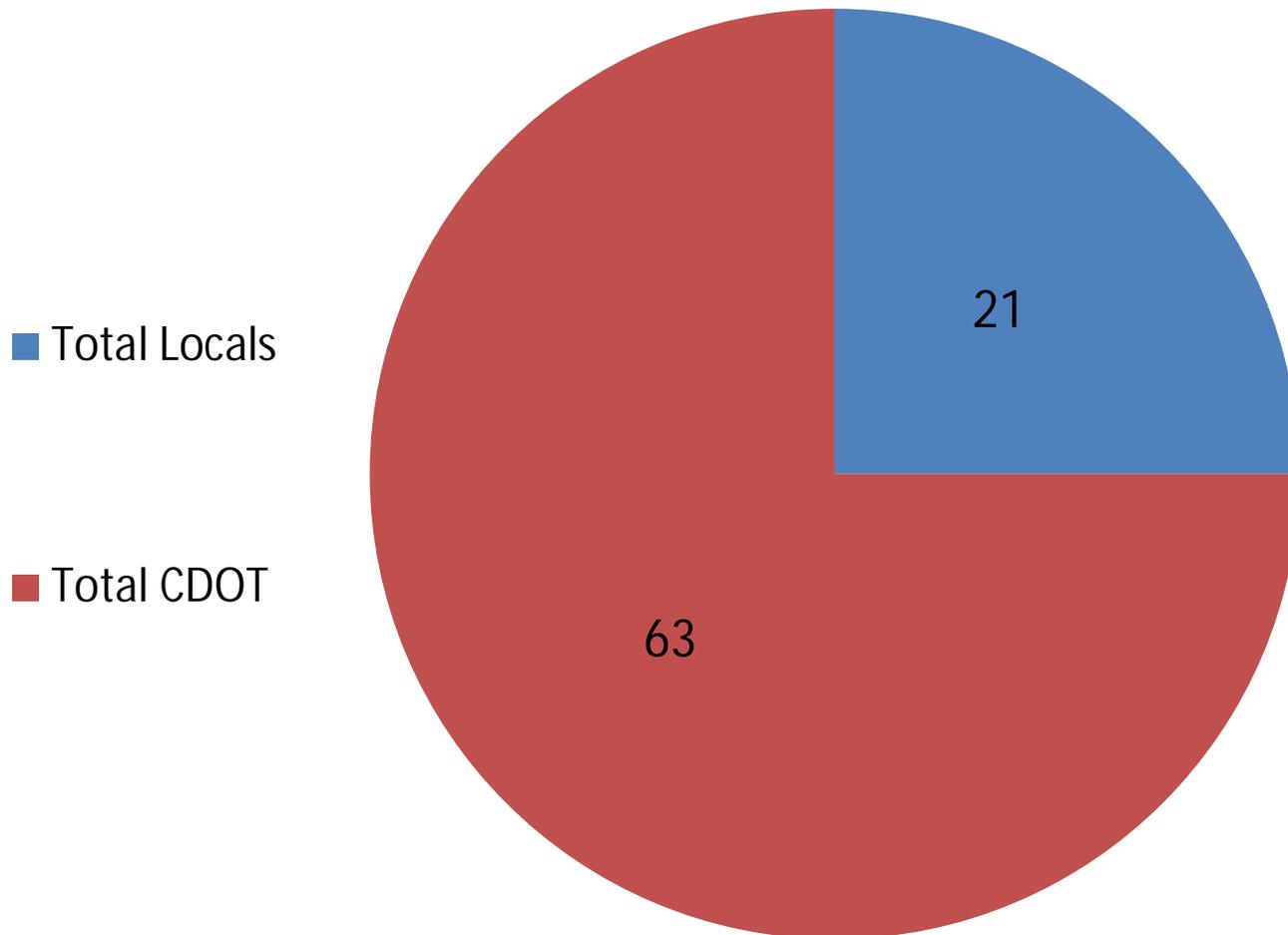
As of July 18, 2014



# Status of RAMP Projects

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Local and State Break Down



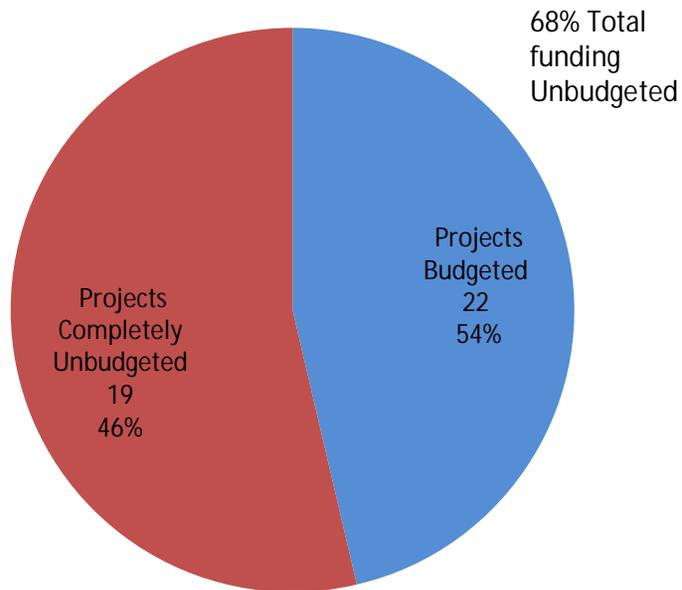
As of July 18, 2014



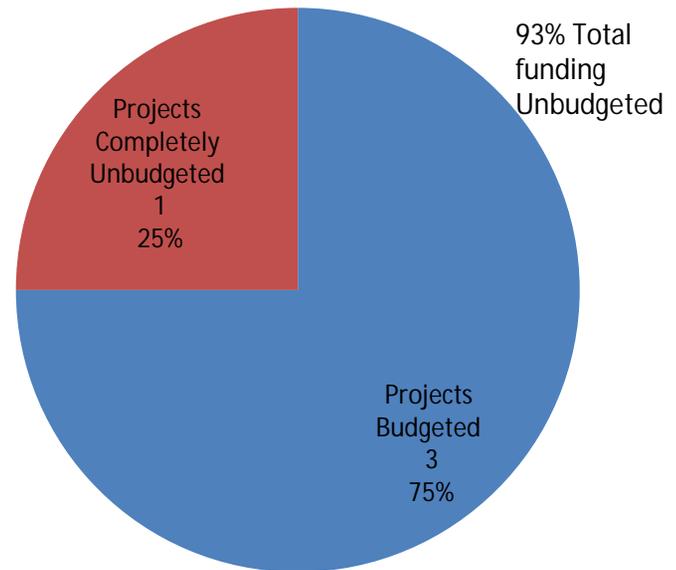
# Status of RAMP Projects

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## Operation Projects



## HPTE P3 Projects

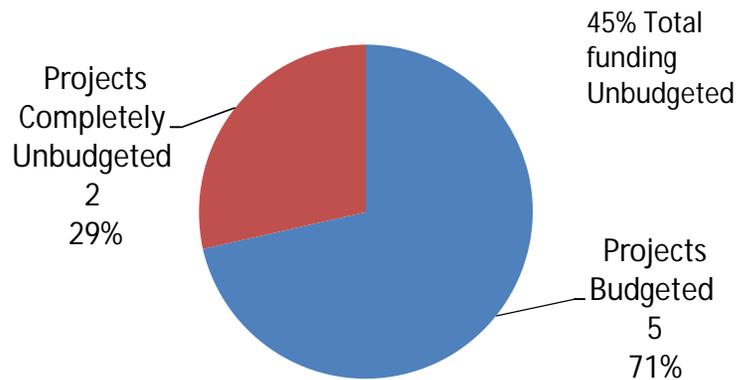


As of July 18, 2014

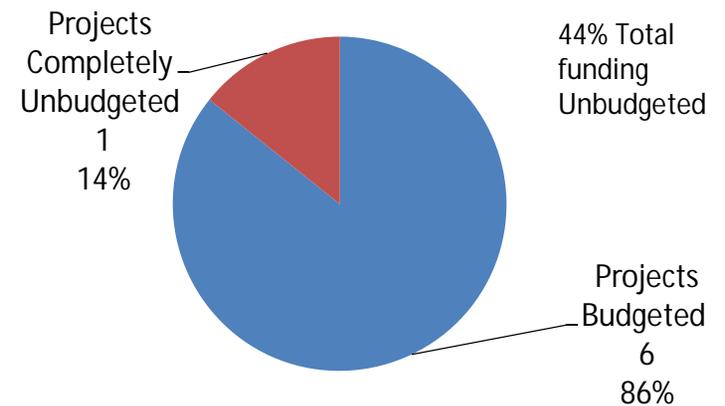


# Status of RAMP Projects

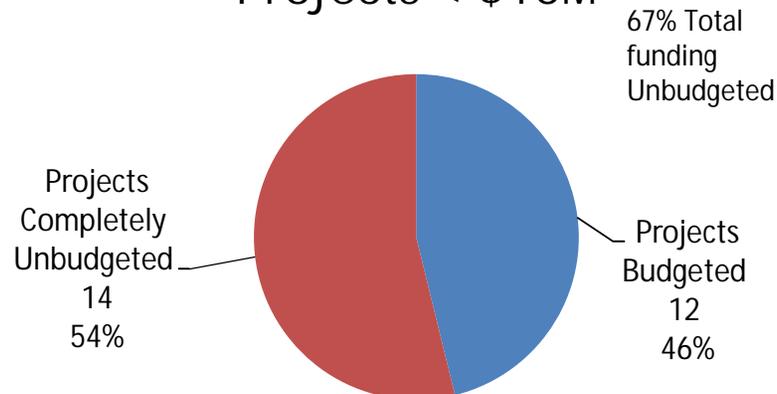
## Public-Public Partnerships: Large Projects \$20M +



## Public-Public Partnerships: Medium Projects \$10M - \$19.9M



## Public-Public Partnerships: Small Projects < \$10M



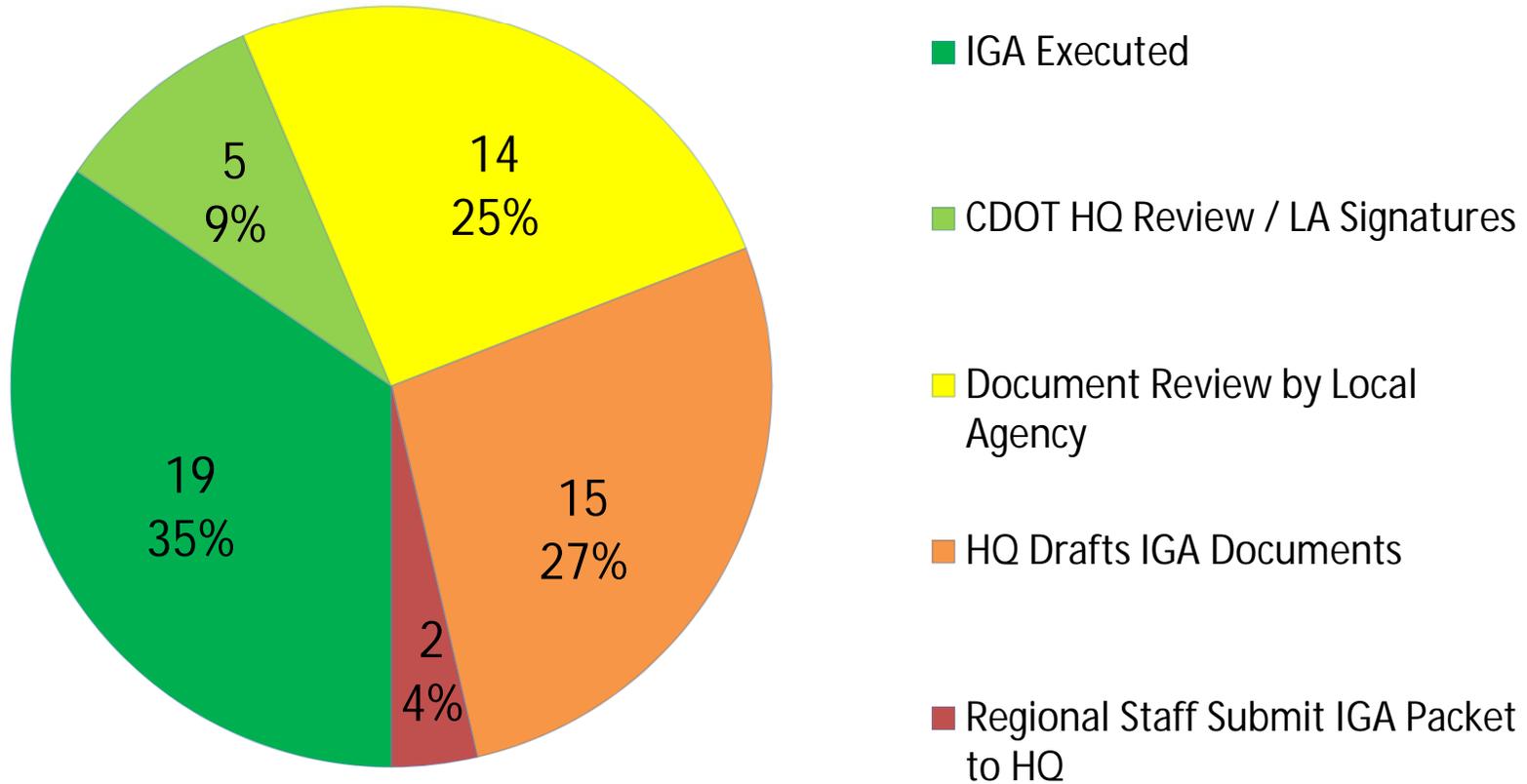
As of July 18, 2014



# RAMP IGAs – Summary Update

## Current IGA Progress - RAMP P&O Program

Total # of IGAs: 55



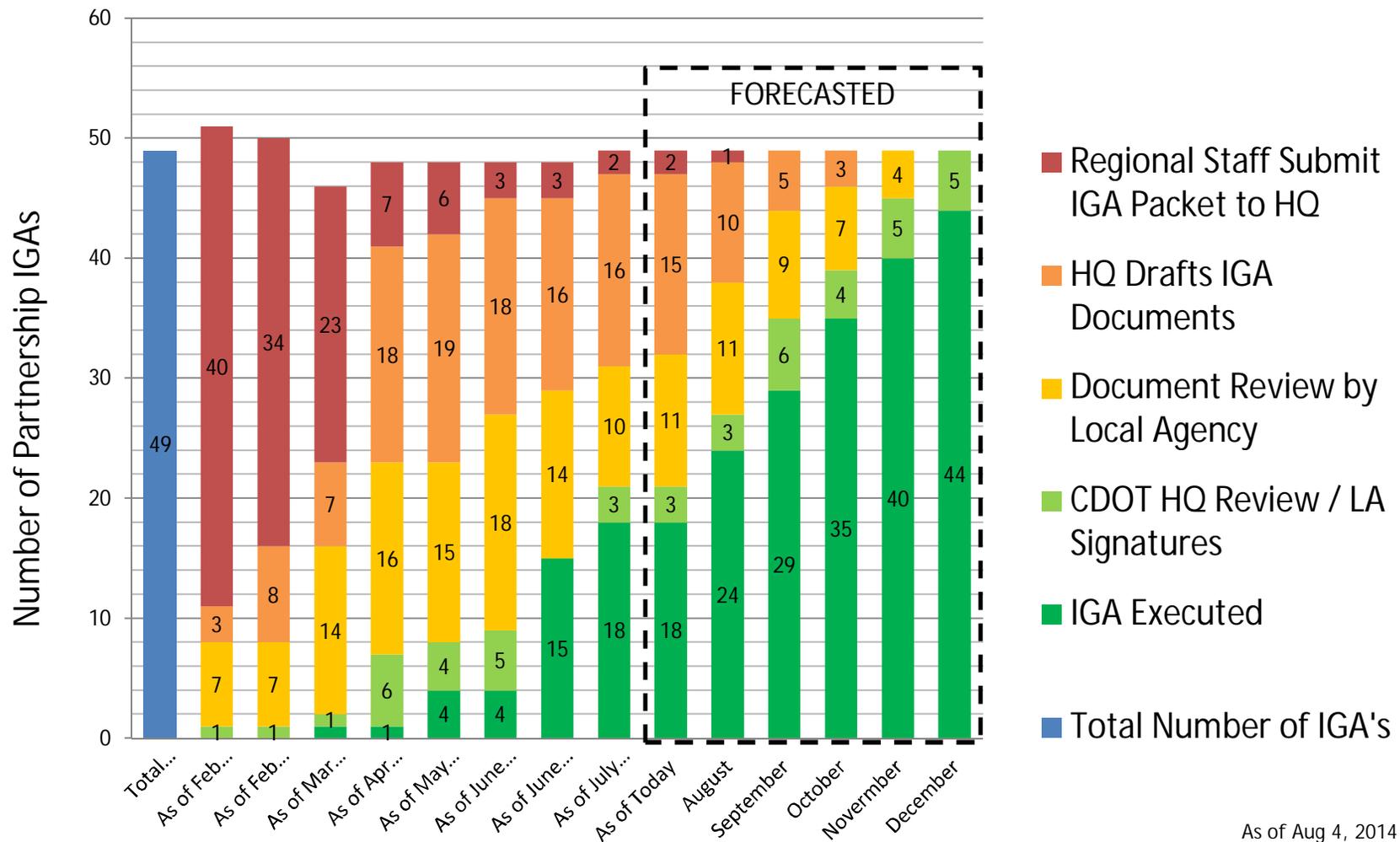
As of: August 4<sup>th</sup>, 2014

As of Aug 4, 2014



# RAMP IGAs – Summary Update

## RAMP Partnership IGA's

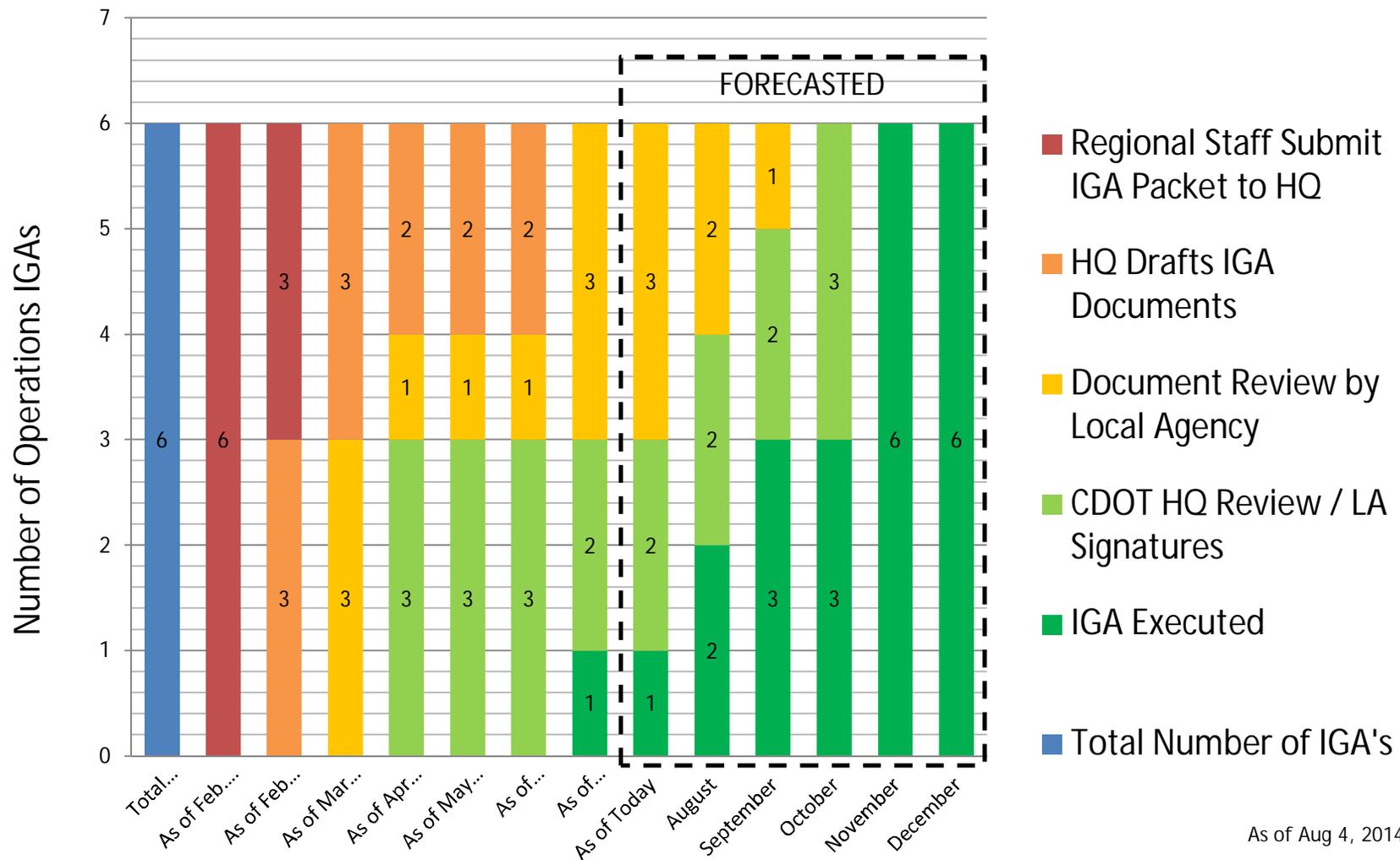


As of Aug 4, 2014



# RAMP IGAs – Summary Update

## RAMP Operations IGA's



As of Aug 4, 2014



## PMO Coming Attractions

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- Update of Cash Balance
- Overview of 2014/2015 Asset Mgmt
- Overview of Safety Projects

As of July 18, 2014