



COLORADO

Department of Transportation

Office of the Chief Engineer

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

DATE: October 15, 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 the Flood Program as well as RAMP Local Agency Projects.

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 Flood Program and RAMP Local Agency projects. 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.

In addition to the Flood and RAMP Local Agency projects, an update on the Accelerated and Advanced Funding projects is provided. An annual redistribution combined with a 2012 reconciliation of federal revenues resulting in \$69 million of additional funding was allocated by the Transportation Commission to a number of projects at a monthly Commission meeting in Durango. These are heretofore referred to as the '2012 Federal Redistribution and Reconciliation Funds'. These projects were last reported on in May 2014.

The Flood Program has put together a spending forecast and schedule for completing all construction by the end of 2017. This is an ambitious schedule and



based on how bid prices come in and other work in the area some construction project start dates may push out six to twelve months.

To date for the Flood Program, two of the 36 permanent repair projects have completed construction with an additional five projects out for advertisement. Of the 136 emergency repair and local agency projects, over 50% have completed construction with another four currently in construction.

RAMP Local Agency and CDOT Administered Projects that require Intergovernmental Agreements (IGAs) are generally tracking in-line with our forecasted projections. To date, there are approximately 4 projects (1 Local Agency and 3 CDOT Administered projects) that have not submitted complete IGA information packets, mostly because our local agency partners and region staff are finalizing the necessary exhibits. There are six devolution IGAs that are currently being drafted by Procurement (Stage 2) that require further development of exhibits and Commission resolution to proceed. CDOT Staff and Procurement are aware of these projects and are confident that a large majority of the projects will still meet the Dec 31st date.

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





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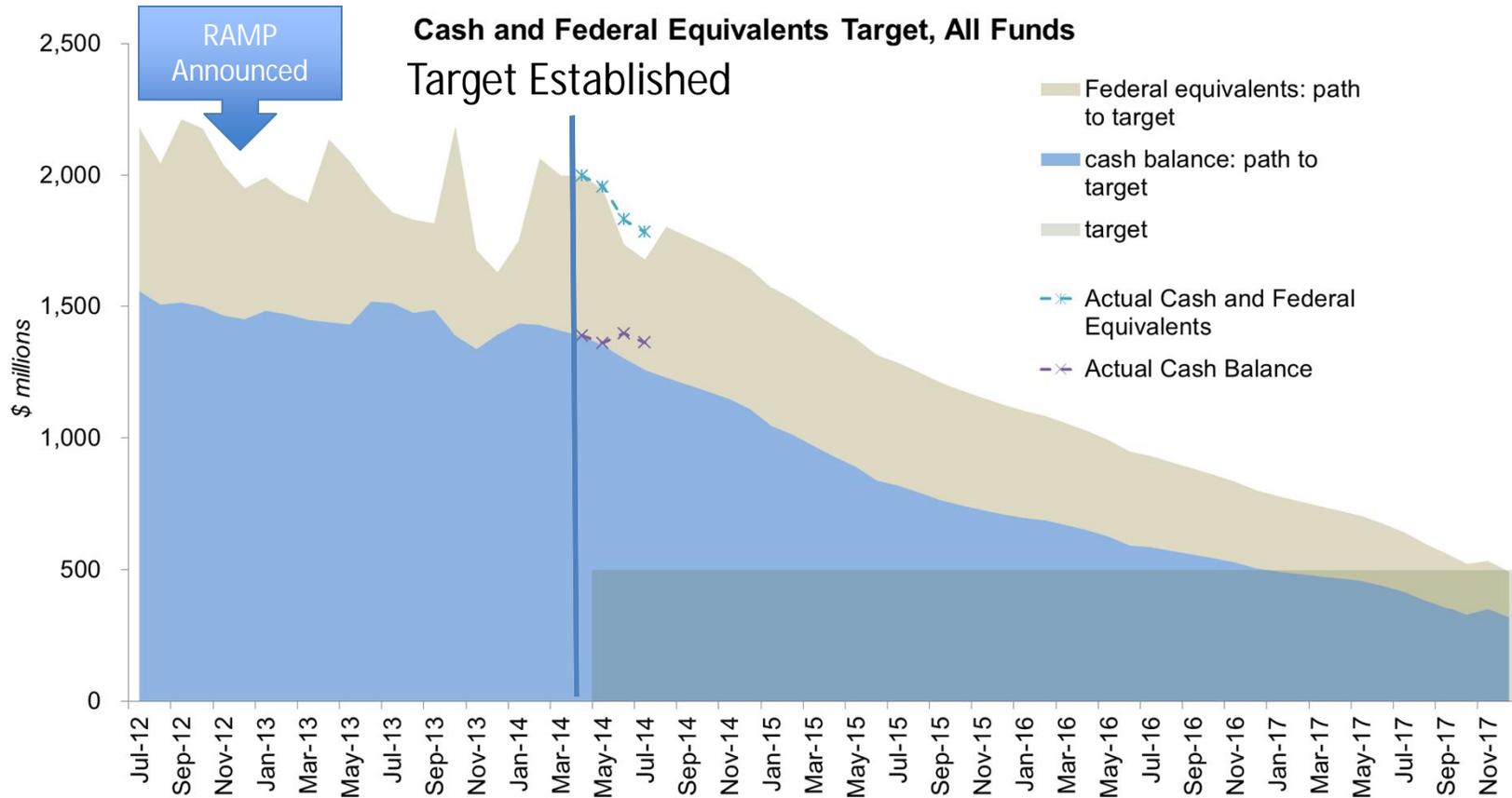


Program Management Update

October 15, 2014



Cash & Equivalents Target Balance



As of September 19, 2014



PMO Reporting Overview by Program

Program	Financial Performance (\$Millions)			Schedule	Quarterly Rotation
	Program Expenditure through 8/22/2014	Program Expenditure through 9/19/2014	\$ Change	SPI	
Flood	\$100.2	\$126.9	\$26.7	1.00	Oct.
RAMP P&O (Local Agency)	\$1.1	\$1.1	\$0.0	0.81	Oct.
RAMP P&O (CDOT)	\$87.3	\$96.6	\$9.3	0.64	Nov.
RAMP P&O (Overall)	\$88.4	\$97.7	\$9.3	0.64	Nov.
Other CDOT Projects	N/A	N/A	N/A	N/A	Nov.
2014/2015 Asset Management	\$387.4	\$447.9	\$60.5	0.87/0.54	Dec.
Safety Projects	N/A	N/A	N/A	N/A	Dec.
Totals	\$576.0	\$672.5			

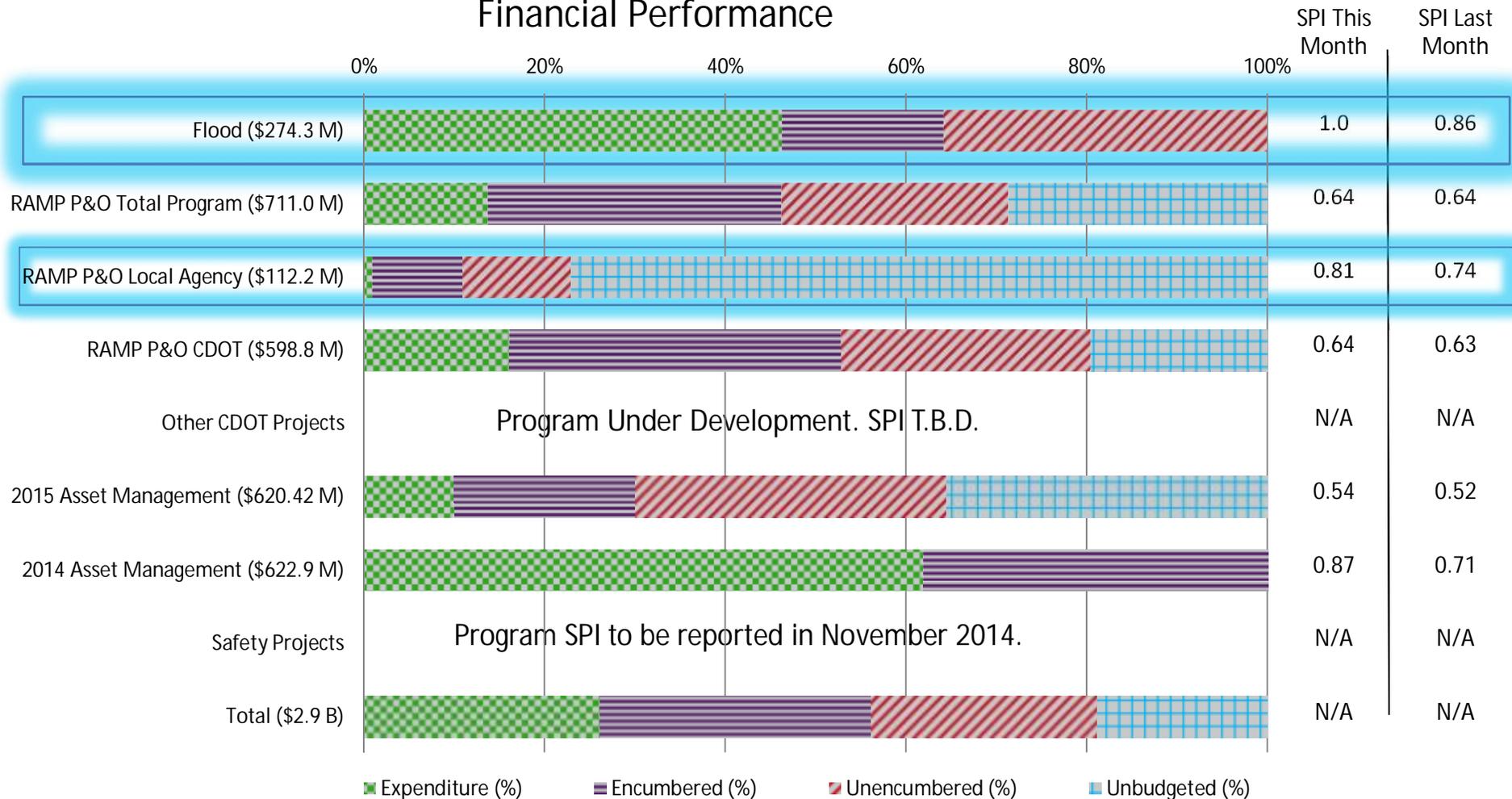
Notes: Asset Management expenditures are a combination of 2014 and 2015. Asset Management expenditures include MLOS and Roadway Equipment while these are excluded in the overall program SPI. N/A - Program in development and data not available at this time.

As of September 19, 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 September 19, 2014



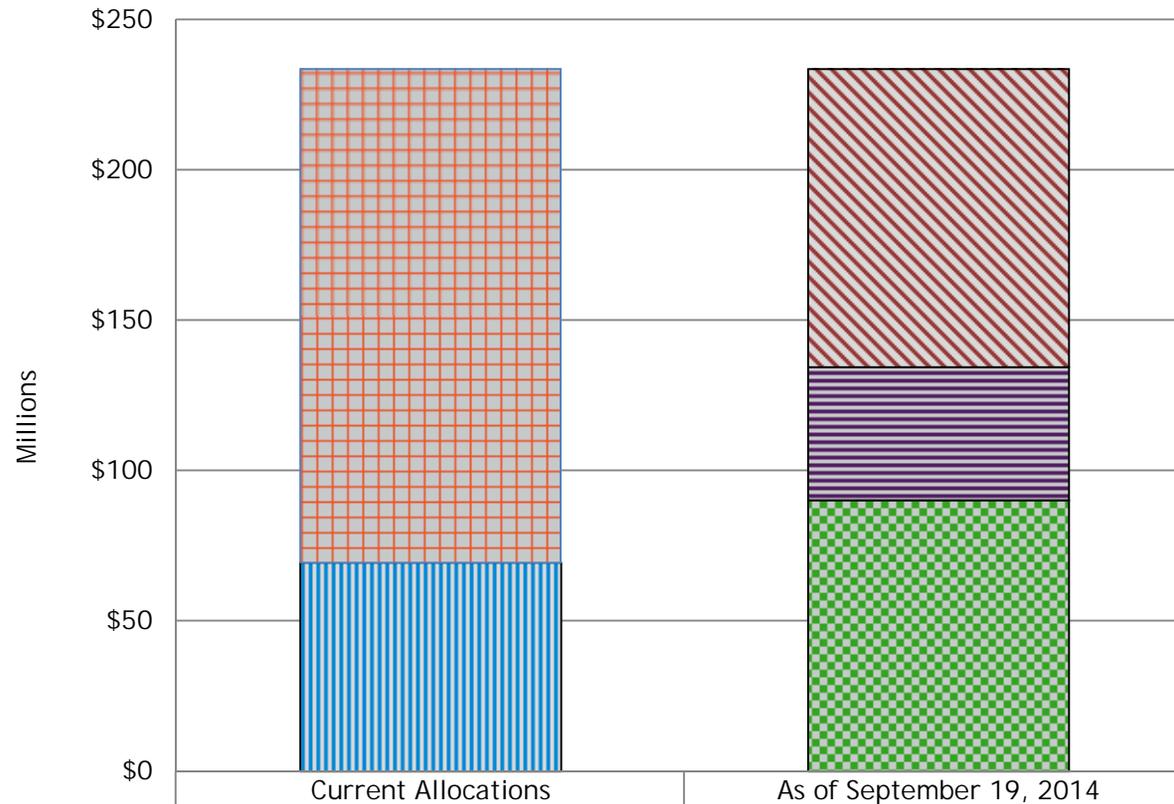
Status of Projects Partially Funded by 2012 \$69 M Reconciliation

	Project Name	Commission Allotment (Millions)	Project Expenditure as of September 19, 2014 (Millions)	Current Status as of September 19, 2014.
1	SH 9 Reconstruction - North of Breckenridge (Coyne Valley to Agape Church)	\$10.00	\$7.74	Currently in construction. Project has encumber the full construction amount and has expended approximately 71% of construction funds.
2	I-25 at Cimarron Interchange	\$6.00	\$1.73	Design-build proposals are due to CDOT in Mid-October.
3	Region 3 Fiber optic project (I-70 Installation of Fiber Optic - now Vail to Glenwood Springs)	\$10.00	\$10.99	Project in Construction. Project has encumber the full construction amount and has expended
4	I-76: Ft Morgan to Brush (I-76 Major Surface Treatment, Phase 3 - Fort Morgan to Brush)	\$30.70	\$35.40	Project still in construction and has expended about 75% of construction funds to date.
5	US 160 Durango-Bayfield Passing Lane	\$0.80	\$0.60	Design Complete
6	US 160 S. of Cortez Passing Lane (US 160 Passing Lane	\$0.50	\$1.65	Design Complete
7	US 160/550 CFI in Durango (US 160 & US 550 - Construction of Continuous Flow Intersection - North Intersection in Durango)	\$3.00	\$6.11	Project in Construction. Project has encumber the full construction amount and has expended approximately 91% of construction funds.
8	I-70 East EIS	\$8.50	\$25.95	Region 1 continues to work on the EIS, with a record of decision due in 2015.
Total Commission Allotment		\$69.50		

As of September 19, 2014



Status of Projects Partially Funded by 2012 \$69 M Reconciliation



Additional CDOT Funds (Millions)	\$164.26	
Unencumbered (Millions)		\$99.32 (42%)
Encumbered (Millions)		\$44.26 (19%)
Expenditure (Millions)		\$90.18 (39%)
Commission Allocation (Millions)	\$69.50	

Note: Almost 70% of Additional CDOT funds are attributed to I-25 Cimarron Design-Build Project and the I-70 EIS.

As of September 19, 2014

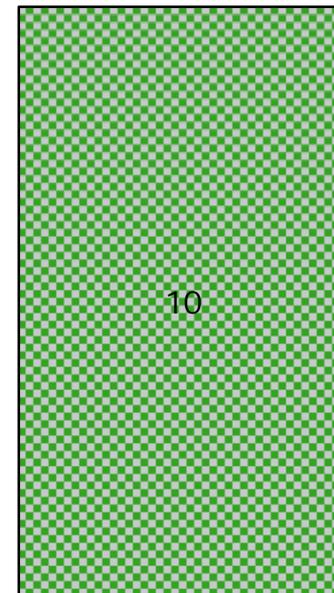


Status of \$87.5 Million Accelerated Surface Treatment

	Project Name	Commission Allotment (Millions)
1	I-70 East - Flagler to Bethune - SMA Mill & Fill (West of Flagler)	\$11.70
2	I-25 From State line to MP 7.5	\$11.90
3	US 50A Canon City to Penrose (West of Royal Gorge Entrance, East)	\$6.50
4	I-70 Eagle to Wolcott	\$5.00
5	I-70 Glenwood Canyon Concrete (Glenwood	\$9.40
6	I-76 Sedgwick - State Line PH IV	\$18.30
7	US285 North of Monte Vista Resurfacing	\$6.50
8	US 491 Dove Creek(Cahone) to Utah State Line	\$6.50
9	US 6 - Sheridan to Simms	\$7.00
10	US 285: SH 88 (Federal Blvd.) to Marion Street - Overlay	\$4.70
Total Commission Allotment		\$87.50

Accelerated Surface Treatment Projects (10 Total)

■ Complete

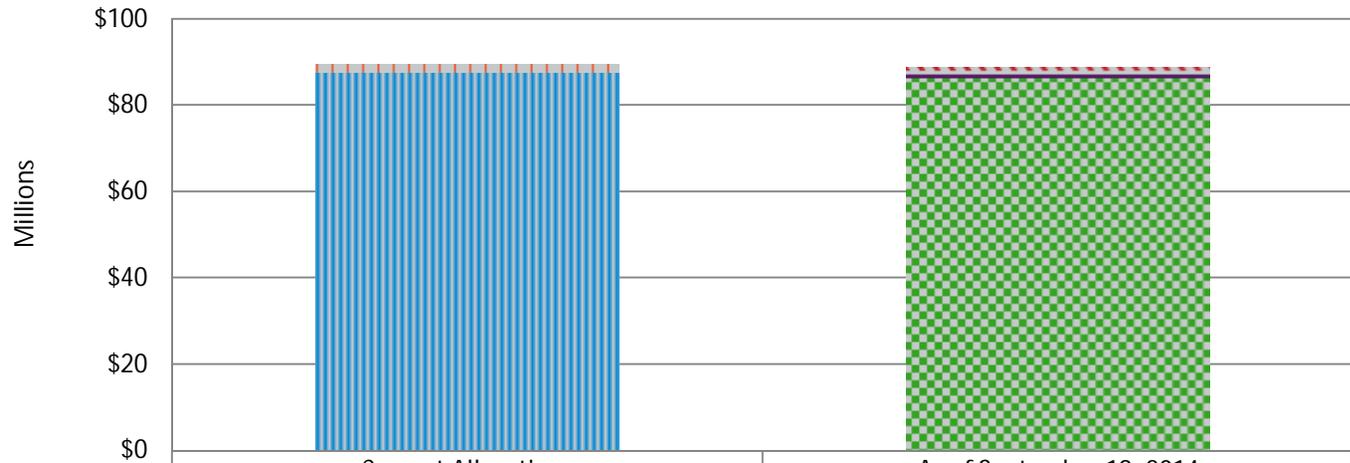


As of September 19, 2014

As of September 19, 2014



Status of \$87.5 Accelerated Surface Treatment



	Current Allocations	As of September 19, 2014
■ Additional CDOT Funds (Millions)	\$1.94	
■ Unencumbered (Millions)		\$0.69 (1%)
■ Encumbered (Millions)		\$1.79 (2%)
■ Expenditure (Millions)		\$86.39 (97%)
■ Commission Allocation (Millions)	\$87.50	

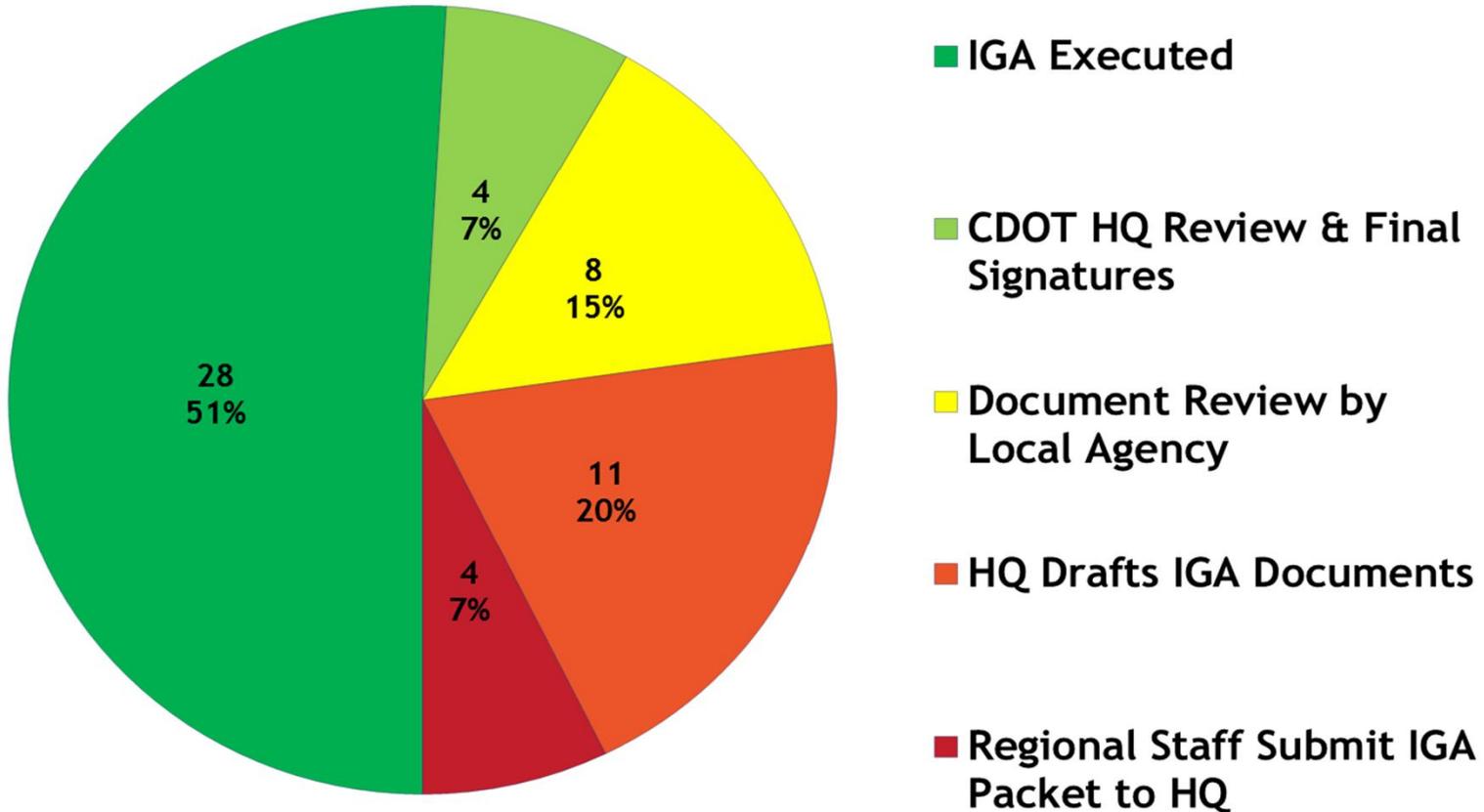
As of September 19, 2014



Status of RAMP IGAs

Current IGA Progress - RAMP P&O Program

Total # of IGAs: 55

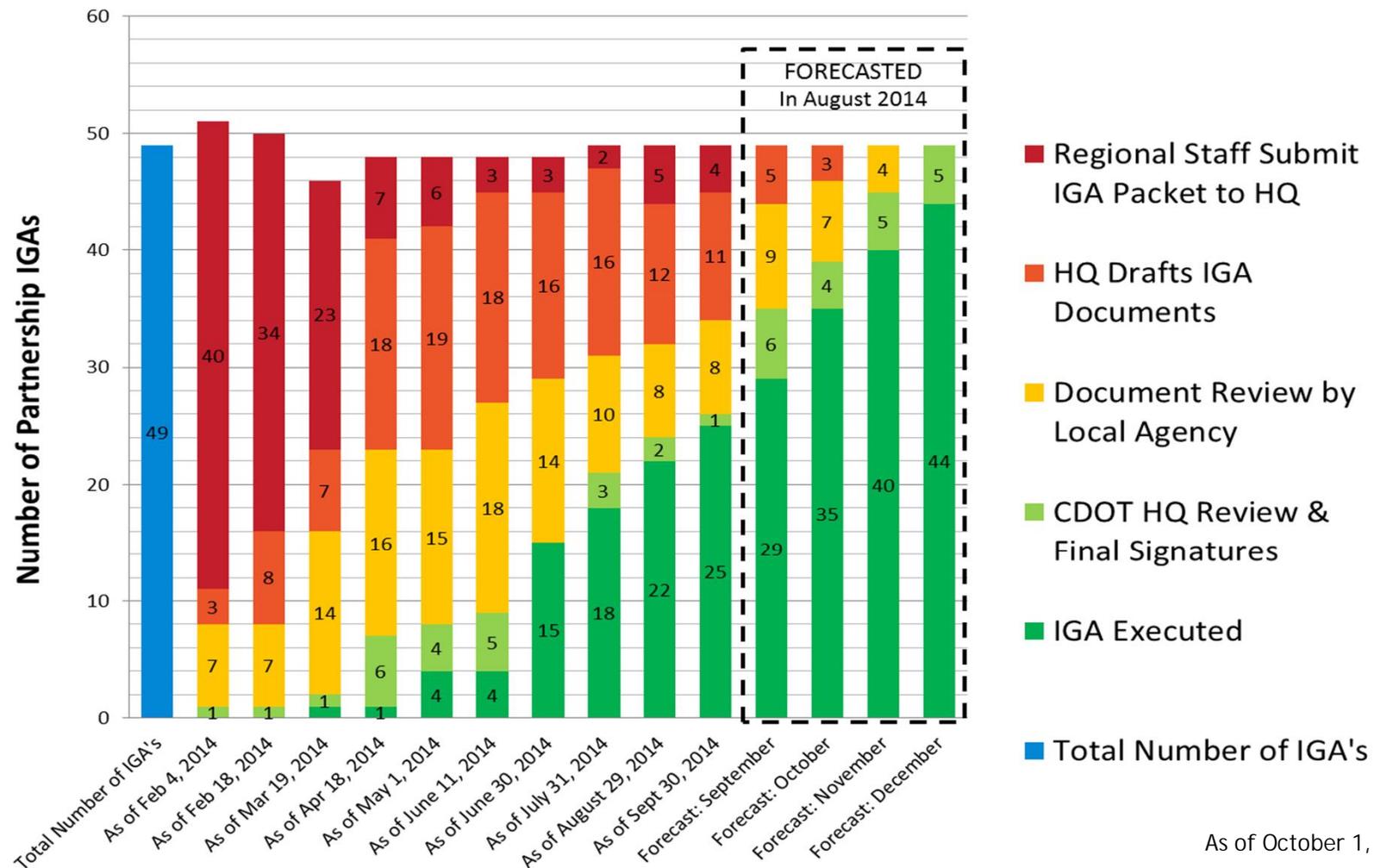


As of: October 1, 2014



Status of RAMP IGAs

RAMP Partnership IGA's

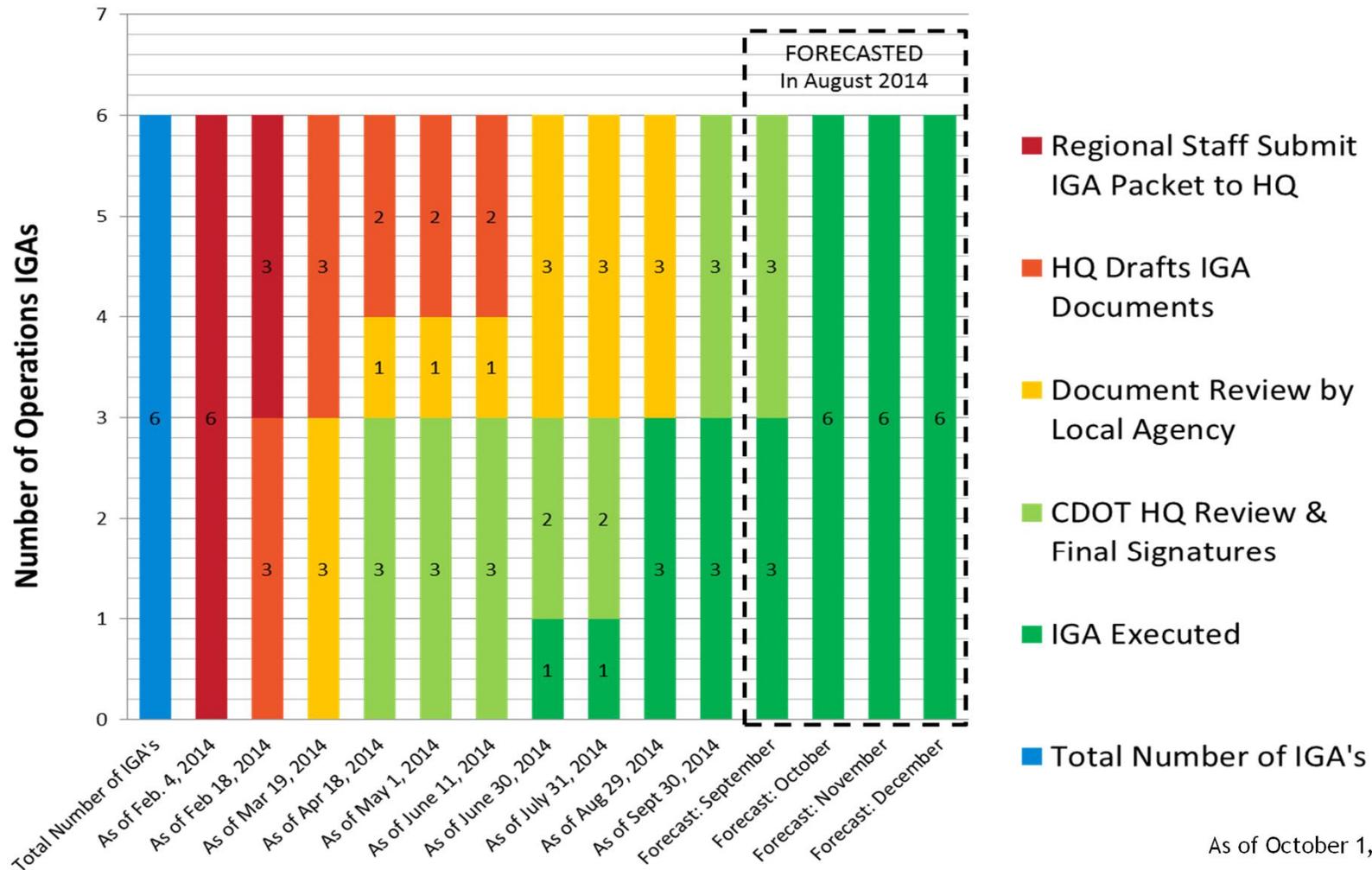


As of October 1, 2014



Status of RAMP IGAs

RAMP Operations IGA's



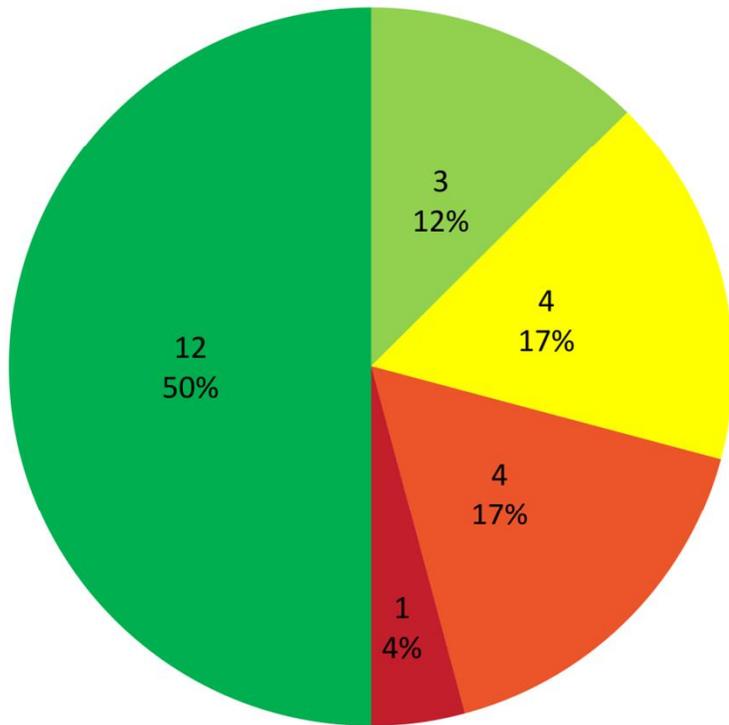
As of October 1, 2014



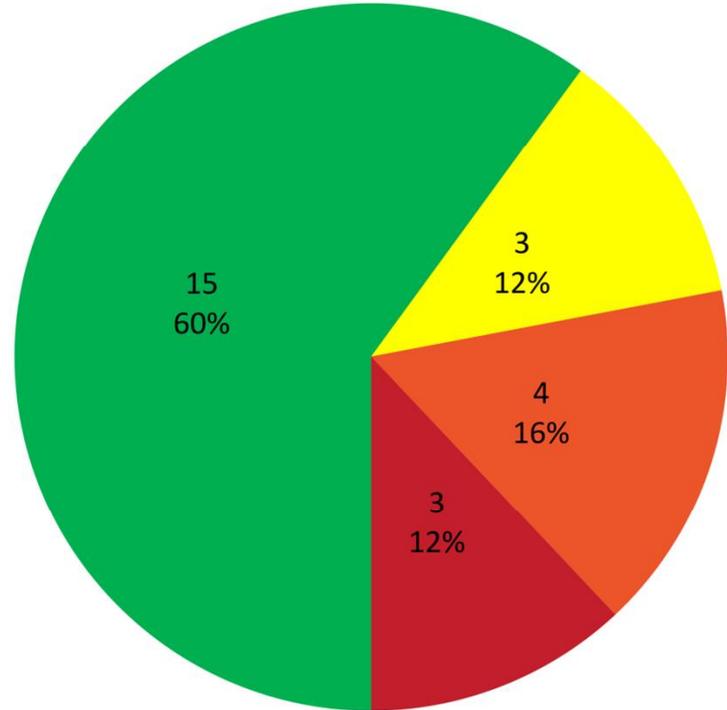
Status of RAMP IGAs

Comparing the IGA Status of Locally vs CDOT Administered RAMP Projects

24 Locally Administered Projects



25 CDOT Administered Projects



As of: October 1, 2014



Locally Administered Projects – IGA Progress / Planned Advertisement

RAMP Program - Locally Administered Projects As of: 10/2/2014 10:16

Project Information				Advertisement	IGA Progress				
RAMP Tracking Number	WBS (PCN or SAP)	Project No.	Project Name	Locally Admin. Project	Regional Staff Submit IGA Packet to HQ	HQ Drafts IGA Documents	Document Review by Local Agency	CDOT HQ Review / LA Signatures	IGA Executed
4.29	19890	STM C030-055	US 34 and CR 49 Intersection Safety Improvements	Weld County					
4.20	18401	STE M455-106	US 287: (North College) - Phase 2: Conifer to Willox	City of Ft Collins					
1.15	19896	NH 006A-054	US 6 and SH 93: 19th St. Intersection Grade Separation	City of Golden					
4.34	19894	STM C190-008	Turning Lanes at US 34 and Yuma County Road H	Yuma County					
5.10	19902	STA M350-022	US 160 / Wilson Gulch Road Extension	City of Durango					
3.31	19874	NHPP 0403-058	US 40 Improvements in Fraser	Town of Fraser					
1.44	19980	SHE M320-089	State Highway Signal Upgrades - Phase I - Santa Fe and Evans Traffic Signal	City of Denver					
1.41	19978	SHE M320-087	State Highway Signal Upgrades - Phase I - Colfax Signals	City of Denver					
4.54	18397	STM M110-078	SH 119 Diagonal: 30th to Foothills Parkway	City of Boulder					
1.42	19979	SHE M320-088	State Highway Signal Upgrades - Phase III - Denver Slipfit (Alameda & Knox)	City of Denver					
4.28	19891	STM C030-056	SH 392 and CR 47 Intersection Safety Improvements	Weld County					
1.37	19957	NHPP 2873-172	Federal Blvd: 6th to Howard Reconstruction and Multimodal Improvements	City of Denver					

Fully Executed IGAs

Fully Executed IGAs

As of October 1, 2014



Locally Administered Projects – IGA Progress / Planned Advertisement

RAMP Program - Locally Administered Projects						As of: 10/2/2014 10:16					
	Project Information				Advertisement	IGA Progress					
	RAMP Tracking Number	WBS (PCN or SAP)	Project No.	Project Name	Locally Admin. Project	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	1.19	17219	C 0703-349	Colorado Blvd. in Idaho Springs: Phase 2 & Phase 3, and Devolution	Idaho Springs						Devolution IGAs
	4.06	19893	C M405-017	US 34 in Estes Park Improvements and Devolution	Town of Estes Park & CFL						
	1.14	19970	STM 0021-040	SH 2 in Commerce City Widening and Devolution (Recently Added)	Commerce City						
2014 Ad Dates	1.09	19474	NHPP 0703-401	I-70 Eastbound Peak Period Shoulder Lanes (Greenway Design Only)	Clear Creek County						2014 Ad Dates
2015 Ad Dates	4.30	19892	STM C030-057	SH 392 and CR74 Intersection Safety Improvements	Weld County						2015 Ad Dates
	4.36	19887	STU M830-068	Loveland Road Weather Information System (RWIS) Update / Expansion	City of Loveland						
	4.20	19561	STE M455-106 ??	US 287: (North College) - Phase 3: Pedestrian Path North of Willox	City of Ft Collins						
	4.51	20204	STM C190-010	Turning Lanes at US 385 & YCR 33.6	Yuma County						
2016 Ad Dates	4.25	19889	STU C060-065	SH 14 / Greenfields Ct. - Frontage Rd. Relocation	Larimer County						2016 Ad Dates
	4.52	20203	STM C190-009	Turning Lanes at US 34 & YCR J	Yuma County						
	4.58	19888	STU C070-043	SH 119: Boulder Canyon Trail Extension	Boulder County						
	4.35	19886	STU M830-067	Loveland I-25 and Crossroads Blvd. Anti-Icing Spray System	City of Loveland						
COUNT	24			Subtotals		1	4	4	3	12	
IGAs Complete (%) compared to Total # of Locally Administered Projects						4%	17%	17%	13%	50%	

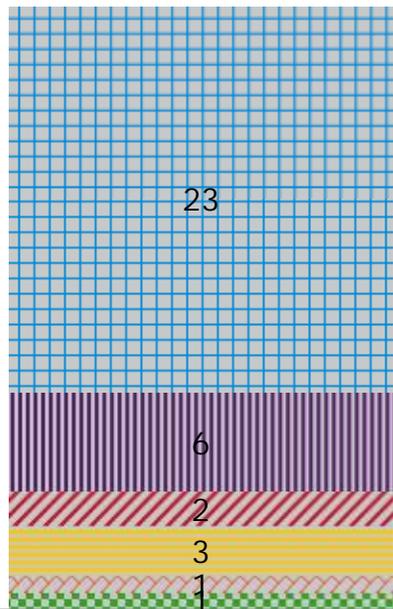
As of October 1, 2014



Flood CDOT PR - Project Status

CDOT PR Project Status
(36 Total Projects)

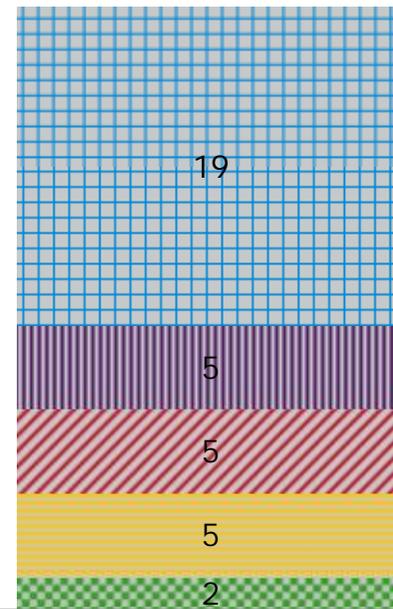
- Completed
- In Bid/Award
- Scoping
- Construction
- Design
- Planning



As of August 20, 2014

CDOT PR Project Status
(36 Total Projects)

- Completed
- Design
- Planning
- In Bid/Award
- Scoping



As of September 17, 2014

Note: Status information from SAP and Dashboard

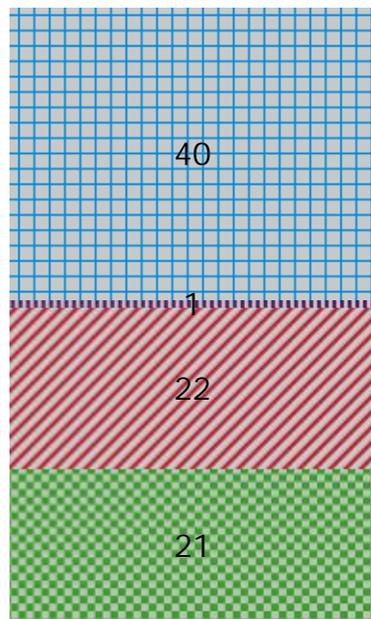
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Flood Local Agency ER & PR Project Status

Local Agency ER and PR Project Status (84 Total)

Completed Design Scoping Planning



As of August 20, 2014

Local Agency ER and PR Project Status (136 Total)

Completed Construction Design Scoping Planning



As of September 17, 2014

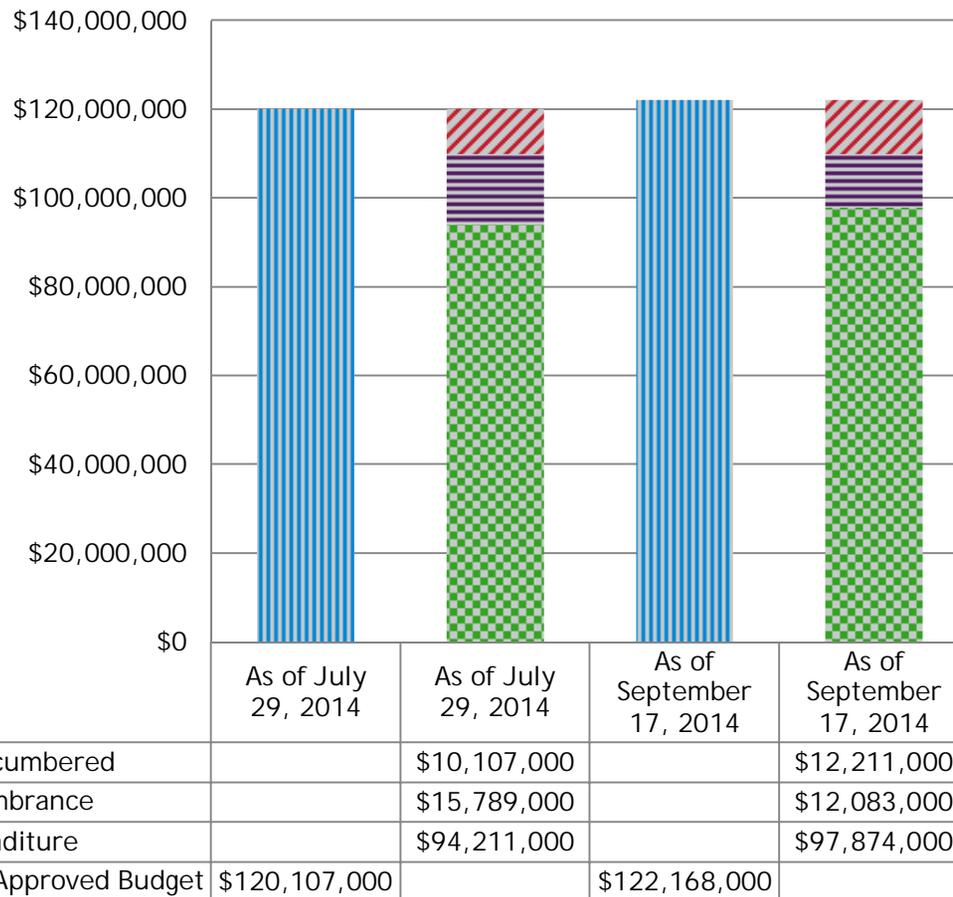
Note: Status information from SAP and Dashboard

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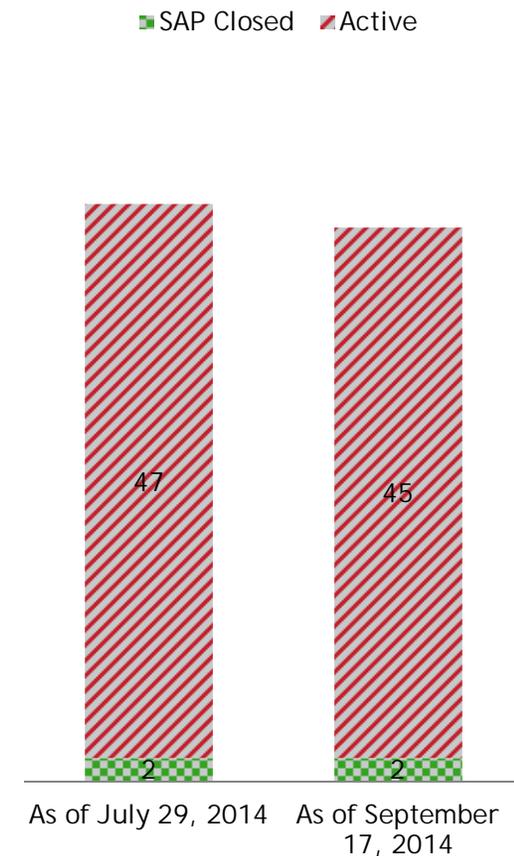


Flood Program Financial Summary

Emergency Repair Projects



Emergency Repair Projects

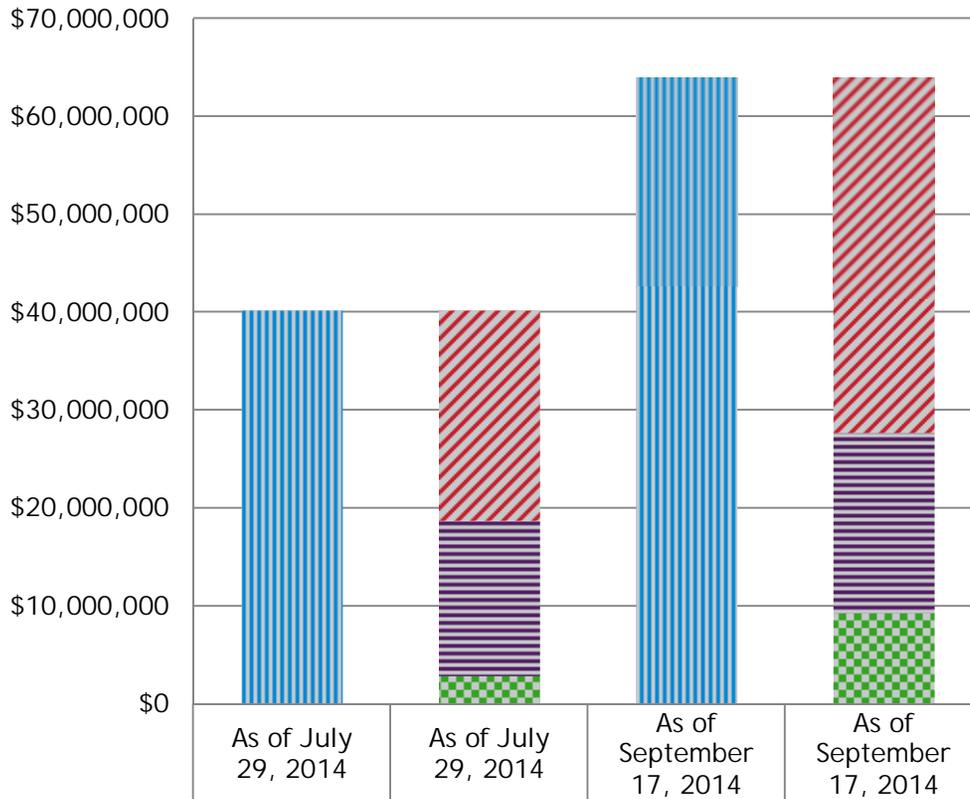


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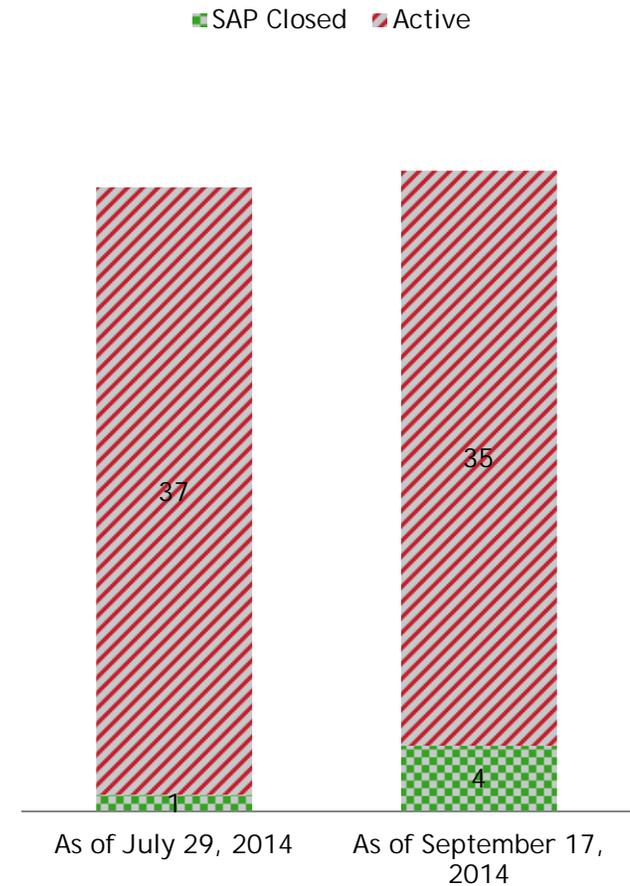
Flood Program Financial Summary

Permanent Repair Projects



■ Unencumbered		\$21,439,000		\$36,296,000
■ Encumbrance		\$15,892,000		\$18,447,000
■ Expenditure		\$2,816,000		\$9,227,000
■ DDIR Approved Budget	\$40,147,000		\$63,970,000	

Permanent Repair Projects

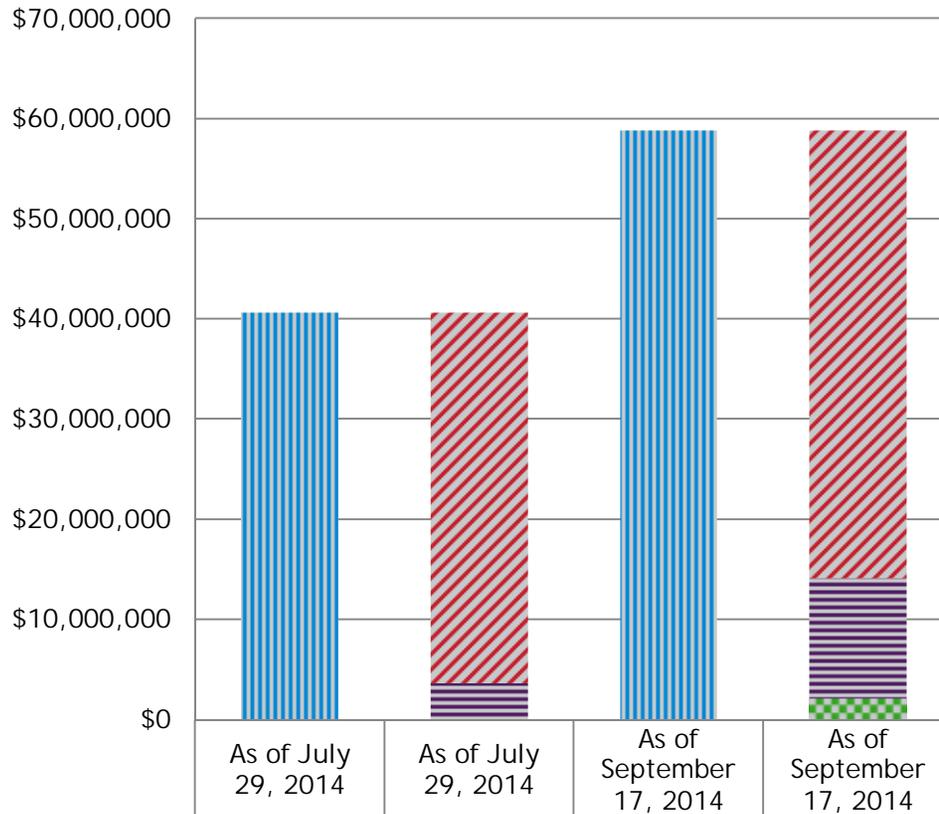


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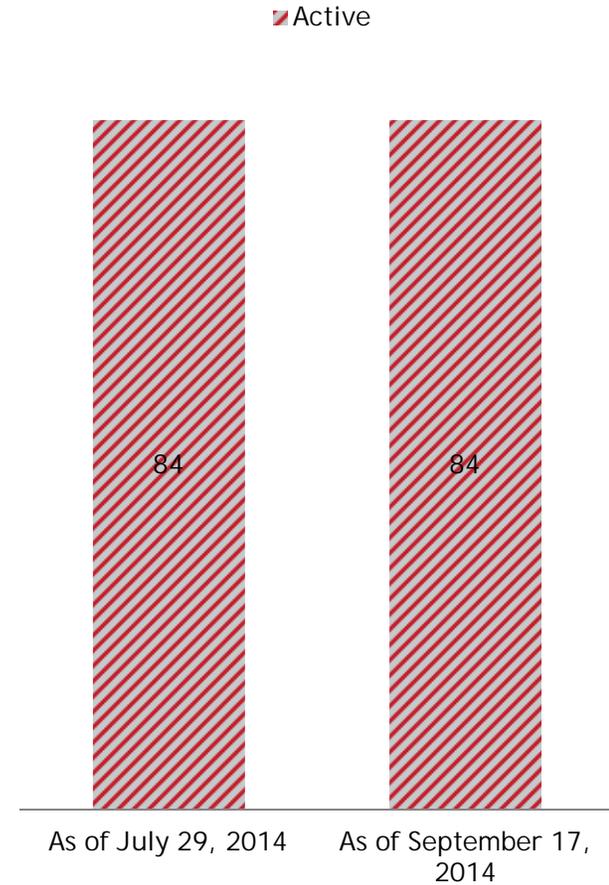
Flood Program Financial Summary

Local Agency Projects



Unencumbered		\$37,014,000		\$44,711,000
Encumbrance		\$3,626,000		\$12,021,000
Expenditure		\$0		\$2,118,000
DDIR Approved Budget	\$40,640,000		\$58,850,000	

Local Agency Projects

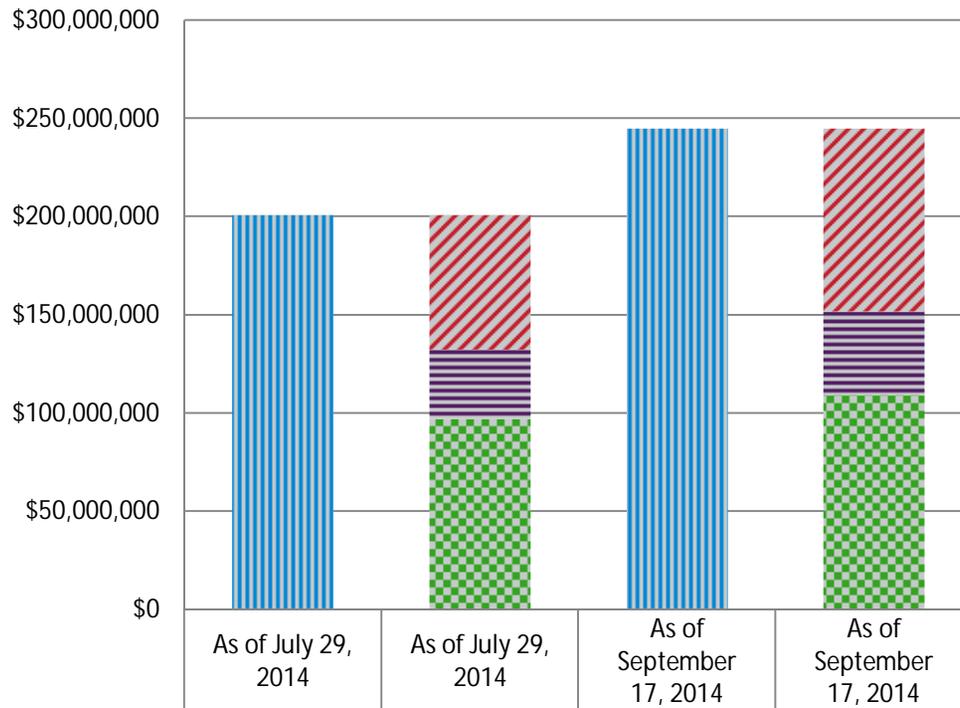


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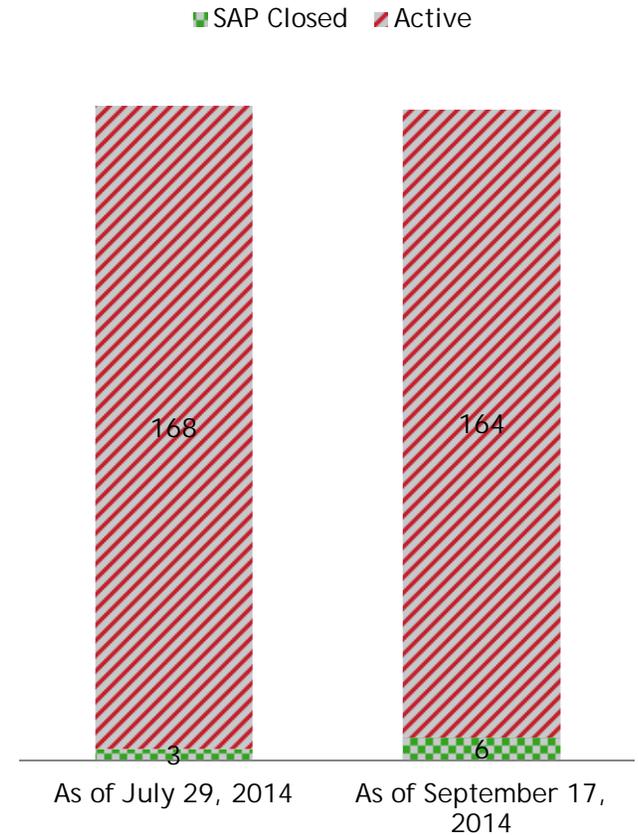
Flood Program Financial Summary

Total Program



Unencumbered		\$68,560,000		\$93,218,000
Encumbrance		\$35,307,000		\$42,551,000
Expenditure		\$97,027,000		\$109,219,000
DDIR Approved Budget	\$200,894,000		\$244,988,000	

Total Program



9/17/14



Flood Program Overview

Program forecasting to spend:

- \$140 M in FY15
- \$146 M in FY16
- \$110 M in FY17
- \$25 M in FY18

This includes ER, PR and Local Agency Projects.

9/17/14



PMO Coming Attractions

- Update of Cash Balance
- Overview of RAMP Partnership and Operations Program(Overall) - Including CDOT Only Projects
- Overview of Other CDOT Projects

As of September 19, 2014



MEMORANDUM

TO: TRANSPORTATION COMMISSION
 DON HUNT, EXECUTIVE DIRECTOR

FROM: JOSH LAIPPLY, CHIEF ENGINEER
 SCOTT RICHRATH, CHIEF FINANCIAL OFFICER (CFO)

DATE: OCTOBER 15, 2014

SUBJECT: UPDATE ON INTERSTATE SURFACE TREATMENT SPENDING AND BID REJECTIONS

Surface Treatment Projects On Interstate Highways

In response to concerns regarding the amount of surface treatment funds going to the interstate highway system, the Program Management Office conducted an analysis of reconstruction and resurfacing projects on I-76 completed in the last six years. We identified twelve projects with a total expenditure of approximately \$127 million. Approximately \$80 million, or 63-percent of the funding, was provided by surface treatment funds. The remainder almost \$47 million was other from other funding sources. These results are shown in Table 2 on the next page. While other interstate highways were not analyzed, we believe this general trend holds true for the entire interstate highway system

Bid Rejections

The project support branch conducted a review of bid rejections, by region, between September 2013 and August 2014. This analysis indicates that there is no geographic trend to the bid rejections. Each of the regions is experiencing rejections at approximately the same rate.

Table 1:

Region	Total Number of Rejections	Total Number of Advertisements
Region 1	12	47 Ads, 12 RATs (including 1 with no bid received)
Region 2	5	38 Ads, 5 RATs (including 2 with no bid received)
Region 3	6	37 Ads, 6 RATs (including 1 with no bid received)
Region 4	5	24 Ads, 5 RATs (including 2 with no bid received)
Region 5	3	33 Ads, 3 RATs
Total	31	179 Ads, 31 RATs (including 6 with no bid received)

This data is from September 2013 through August of 2014

We continue to review bidding trends and other market factors.



Table 2:

Project Description	Description of Work	Surface Treatment Funds (Thousands)	Other Funds (Thousands)	Total Expenditures (Thousands)	SUR %
I-76:Sedgwick to State Line	CONCRETE OVERLAY AND RECONSTRUCTION	\$222.11	\$14,895.88	\$15,117.99	1%
I-76 Fort Morgan to Brush (Phase III)	RECONSTRUCTION OF CONCRETE PAVING	\$27,524.43	\$10,355.10	\$37,879.53	73%
I-76 Sedgwick to State Ln-PH 2	CONCRETE OVERLAY AND RECONSTRUCTION	\$13,400.32	-	\$13,400.32	100%
I-76: Sedgwick To NE St. Line Phase 3	RECONSTRUCTION	\$724.34	\$15,827.50	\$16,551.84	4%
FY10 R4 Diamond Grinding on I-76	DIAMOND GRINDING AND JOINT SEALING	\$550.02	\$985.56	\$1,535.58	36%
I-76 Sedgwick to State Line, Phase 4	RESURFACING	\$17,360.14	\$321.30	\$17,681.44	98%
I-76 Slab Replacement in Morgan County	SLAB REPLACEMENT	\$345.58	-	\$345.58	100%
I-76:FEDERAL TO I-25	OVERLAY I-76	\$2,674.31	\$153.00	\$2,827.31	95%
I-76 Roadway Improvement Brush East	ROADWAY IMPROVEMENTS	\$4,001.38	\$3,920.93	\$7,922.31	51%
R4 FY13 I-76 Concrete Slab Replace	SLAB REPLACEMENT	\$1,959.15	-	\$1,959.15	100%
I-76:I-70 TO FEDERAL BLVD	RESURFACING	\$4,841.64	\$449.99	\$5,291.63	91%
I-76:East of Crook to Sedgwick Phase I	RESURFACING	\$6,881.60	-	\$6,881.60	100%
TOTAL		\$80,485	\$46,909	\$127,394	63%

