

Bridge Enterprise Board of Directors

April. 21, 2016

Kathy Connell, Chairwoman
Steamboat Springs, District 6

Shannon Gifford

Denver, District 1

Ed Peterson

Lakewood, District 2

Gary M. Reiff, Vice Chair

Englewood, District 3

Heather Barry

Westminster, District 4

Kathleen Gilliland

Livermore, District 5

Kathy Hall

Grand Junction, District 7

Sidny Zink

Durango, District 8

Nolan Schriner

Colorado Springs, District 9

William Thiebaut

Pueblo, District 10

Steven Hofmeister

Haxtun, District 11

THE CHAIRWOMAN MAY ALTER THE ITEM SEQUENCE OR TIMES

The times indicated for each topic on the Board of Directors agenda are an estimate and subject to change. Generally, upon the completion of each agenda item, the Board will immediately move to the next item. However, the order of agenda items is tentative and, when necessary to accommodate the public or the Board's schedules, the order of the agenda items is also subject to change.

Documents are posted at <http://www.coloradodot.info/about/transportation-commission/meeting-agenda.html> no less than 24 hours prior to the meeting. The documents are considered to be in draft form and for information only until final action is taken by the Board.

The Bridge Enterprise Board of Directors meeting will begin immediately following the adjournment of the Transportation Commission Meeting. Estimated Start Time: 9:50 a.m.

BRIDGE ENTERPRISE BOARD OF DIRECTORS

10:05 a.m. 1. Call to Order and Roll Call

2. Audience Participation

- Subject Limit: 10 minutes; Time Limit: 3 minutes

3. Act on Consent Agenda

- a) Resolution to Approve Regular Minutes from March 16, 2016 (Herman Stockinger)

4. Monthly Progress Report (Scott McDaniel)

5. Adjournment

10:15 a.m. Public Hearing for Draft FY2017- FY2020 STIP
– Time Limit per Speaker: 2 minutes

11:15 a.m. Adjournment

**Bridge Enterprise Board
Regular Meeting Minutes
March 16, 2016**

Chairwoman Kathy Connell convened the meeting at 2:18 p.m. at CDOT Headquarters in Denver.

PRESENT WERE: Kathy Connell, Chairwoman, District 6
Shannon Gifford, District 1
Ed Peterson, District 2
Heather Barry, District 4
Kathy Gilliland, District 5
Kathy Hall, District 7
Sidny Zink, District 8
Bill Thiebaut, District 10
Steven Hofmeister, District 11

EXCUSED: Gary Reiff, Vice Chair District 3
Nolan Schriener, District 9

ALSO PRESENT: Shailen Bhatt, Executive Director
Michael Lewis, Deputy Executive Director
Josh Laipply, Chief Engineer
Debra Perkins-Smith, Director of Transportation Development
Maria Sobota, CFO
Herman Stockinger, Government Relations Director
Paul Jesaitis, Region 1 Transportation Director
Dave Eller, Region 3 Transportation Director
Johnny Olson, Region 4 Transportation Director
Kerrie Neet, Region 5 Transportation Director
Kathy Young, Chief Transportation Counsel
Scott McDaniel, Staff Services Director
David Spector, HPTE Director
Ryan Rice, Operations Division Director
Mark Imhoff, Director of Transit and Rail
Vince Rogalski, STAC Chairman
David Ulane, Director of Aeronautics
Alicia Nolan, FHWA Representative

AND: Other staff members, organization representatives,
the public and the news media

An electronic recording of the meeting was made and filed with supporting documents in the Transportation Commission office.

Audience Participation

Chairwoman Connell stated that no members of the audience wished to address the Board of Directors.

Act on Consent Agenda

Chairwoman Connell entertained a motion to approve the Consent Agenda. Director Hofmeister moved to approve the resolution, and Director Gifford seconded the motion. Upon vote of the Board the resolution passed unanimously.

Resolution #BE-16-3-1

Approval of Regular Meeting Minutes for Feb. 18, 2016.

BE IT SO RESOLVED THAT, the Minutes for the Feb. 18, 2016, meeting of the Bridge Enterprise Board of Directors are hereby approved by the Bridge Enterprise Board as published in the Agenda for the March 16, 2016, meeting of the Bridge Enterprise Board of Directors.

Discuss and Act on the Final FY 2016-17 Bridge Enterprise Budget for Fund 538 and Acceptance of Eligible Federal Funds from the TC

Maria Sobota opened the floor for questions. There were none.

Chairwoman Connell entertained a motion to approve the Consent Agenda. Director Hofmeister moved to approve the resolution, and Director Gilliland seconded the motion. Upon vote of the Board the resolution passed unanimously.

Resolution #BE-16-3-2

5th Bridge Enterprise Budget Supplement of FY 2016

Maria Sobota explained the two items in the request, two design to shelve projects in region 3. There were no questions.

Chairwoman Connell entertained a motion to approve the Consent Agenda. Director Hall moved to approve the resolution, and Director Peterson seconded the motion. Upon vote of the Board the resolution passed unanimously.

Resolution #BE-16-3-3

Q2 FY 2016 CBE Program Financial Update

Maria Sobota informed the commission this is an update for information only. She stated she sent a memo to Gary Reiff regarding refinancing and offered up the memo to the commission. There were no questions.

Monthly Progress Report

Scott McDaniel asked the Board if they had any questions on the progress report. There were none. He explained that the XPI this month had an unusual number, however it should go back to normal next month.

Adjournment

Chairwoman Connell asked if there were any more matters to come before the Bridge Enterprise Board of Directors. Hearing none, Chairwoman Connell announced the adjournment of the meeting at 2:20 p.m.



4201 E. Arkansas Ave., Room 124B
Denver, CO 80222

MEMORANDUM

TO: Bridge Enterprise Board of Directors
FROM: Scott McDaniel, PE, Director of Project Support
DATE: April 21, 2016
SUBJECT: April 2016 Bridge Enterprise Progress Report

PURPOSE

The Bridge Enterprise (BE) team has prepared a progress report presentation to update the Board members of recent program initiatives, statistics and successes. No action from the Board is requested; this report is for informational purposes only. Summarized below are the elements contained in the report:

PROGRAM SCHEDULE AND SPI:

The BE program schedule has been updated for work complete through March 2016. The March Schedule Performance Index (SPI) = 0.92; a decrease of 0.04 from prior month (February SPI = 0.96). A decrease in program SPI was realized in March 2016 due to the Central 70 project revising percentage complete for all project phases.

Over-performing projects

- 3 projects with \$7.8M in combined Earned Value (EV) greater than planned
- Increases overall program SPI by 0.011; NO CHANGE from prior month (February = 0.011)

Under-performing projects

- 3 projects with \$60.8M in combined lost EV
- Reduces overall program SPI calculation by 0.08; a 0.04 increase from prior month (February = 0.04)
- Of the 13 Railroad involved projects there are none currently being impacted by rail road delays

PROGRAM INITIATIVES AND RECENT ACTIVITY:

The BE team continues to collaborate with CDOT in managing, monitoring and reporting on the progress and success of the program. Some recent program tasks and initiatives include:

- Guidance documentation review/revision
- Ongoing project coordination and oversight
- Closeout and deprogramming funds from completed projects
- Budget deprogramming funds data inclusion in monthly progress report
- Candidate projects for preconstruction activities review
- Continued PMO coordination
- Quarterly Reporting
- Maintenance invoicing
- Drafting 4-year and 10-year plans



RECENT PROJECT ACTIVITY:

Project Progress

- Region 3, F-11-AB/AC, I-70 ML EBND/WDND over US 6 and Eagle River; Eagle County, resumed construction in March 2016. Completion of the project is mid-June 2016. Construction was previously shut down for winter.

BE Staff Ilex Site Visit

- On March 24th, BE staff attended the monthly progress update meeting for FHWA and BE on the Ilex Design-Build project. The staff toured the project site with the Region 2 Project Manager.
- The bridge deck widenings have been successfully poured on I-25 over City Center Drive and on I-25 over Santa Fe Ave.
- Aesthetic treatments have been installed on the D Street wall panels.
- Retaining walls have been constructed along the future D Street.
- No delays or impact to traffic are to be expected during this phase.

TOTAL PROGRAM FINANCIAL PERFORMANCE

Preliminary expenditure and encumbrance data through February 29, 2016 summarized below:

- Overall projected expenditures increased by \$11.3 M or 1.5%
- Overall actual expenditures increased by \$6.6 M or 1.1%
- Actual Bond expenditures, no increase or decrease. Bond proceeds are essentially expended and the bulk of the remaining balance is related to interest earnings.
- Overall encumbrances decreased by (\$2.4 M) or -1.7%
- There are no bond encumbrances remaining*

*All Bond Proceeds and Interest Earning that have been budgeted are essentially expended however, we recognize bond expenditures when they are billed to the Trustee. Once the billing and interest earnings are reconciled, we will adjust the budget and expend any remaining budget balances. Once Bond Proceeds are expended, the Interest will be billed.

BUDGET AND ENCUMBRANCE BALANCES STATUS

Beginning March 2016, Bridge Enterprise will include a Budget and Encumbrance Balances table in the monthly progress report. This table shows the encumbrance and budget balances for projects that have been substantially complete for more than 6 months, by Region. For the purpose of this tracking, substantially complete is defined as a new bridge open to traffic, not project completion. There is often work pending such as final paving, striping and railing, which is performed after the substantial completion milestone.

It should be noted that it is often appropriate for a project to remain in an 'open' status and carry a balances after substantially complete due to various work remaining to be completed and cannot be escrowed.

Consistent with the recent FASTER audit, the Bridge Enterprise Program Management Team works with the Region Business Offices and Project Engineers to release excess budget and encumbrance balances prior to the Finals process. In the last 6 months, significant progress has been made in releasing excess balances. See attached presentation package for the detailed table.



STATUS OF FASTER ELIGIBLE BRIDGES

There are currently 192 bridges eligible for the BE program.

Completed	121
In Construction	19
Design Complete	2
In Design	14
Remaining	36

STATUS OF \$300M BOND BRIDGES

There are currently 89* bridges in the BE bond program.

Completed	67
In Construction	19
Design Complete	2
In Design	1

**The methodology for the 2010 bond program bridge count has changed from programmed bridges to budgeted bridges.*

STATUS OF 30 MOST DEFICIENT BRIDGES

The CBE has completed 28 of the 30 bridges originally identified as the most deficient. Only 4 of the 30 worst bridges based on 2015 final ratings remain to be programmed:

Bridge #	Region	County	Facility Carried over Featured Intersection
N-17-S	2	Huerfano	I-25 ML NBND over CO Rd. 103, Butte Creek
L-19-F	2	Pueblo	US 50 BUS. RT over DRAW
F-10-C	3	Eagle	US 6 ML over East Lake Creek
N-11-C	5	Rio Grande	SH 112 ML over Rio Grande Canal

Bridge Enterprise DBE PARTICIPATION

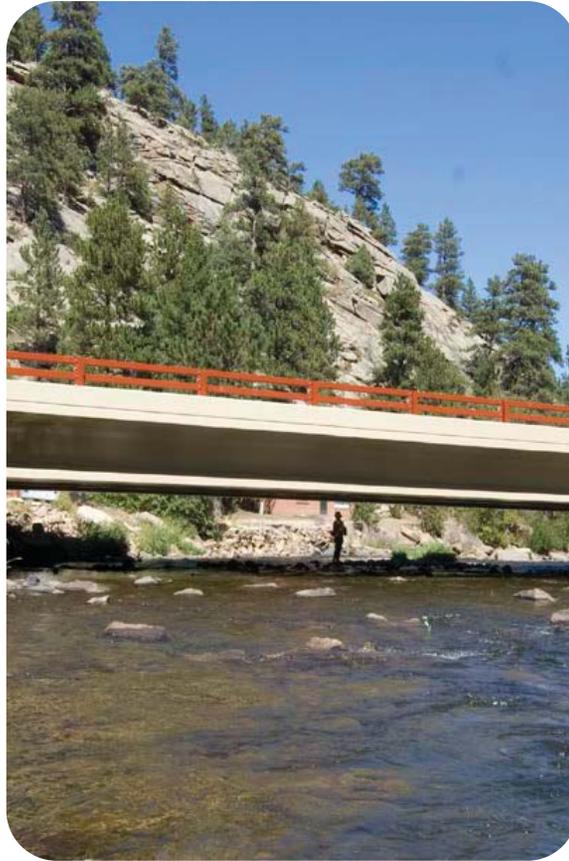
For the period of 3/1/2010 - 12/31/2015 BE DBE participation resulted in 30.4% of subcontract dollars going to 130 individual DBE firms.





COLORADO

Department of
Transportation



Colorado Bridge Enterprise

April 2016 Monthly Progress Report
Board of Directors Meeting



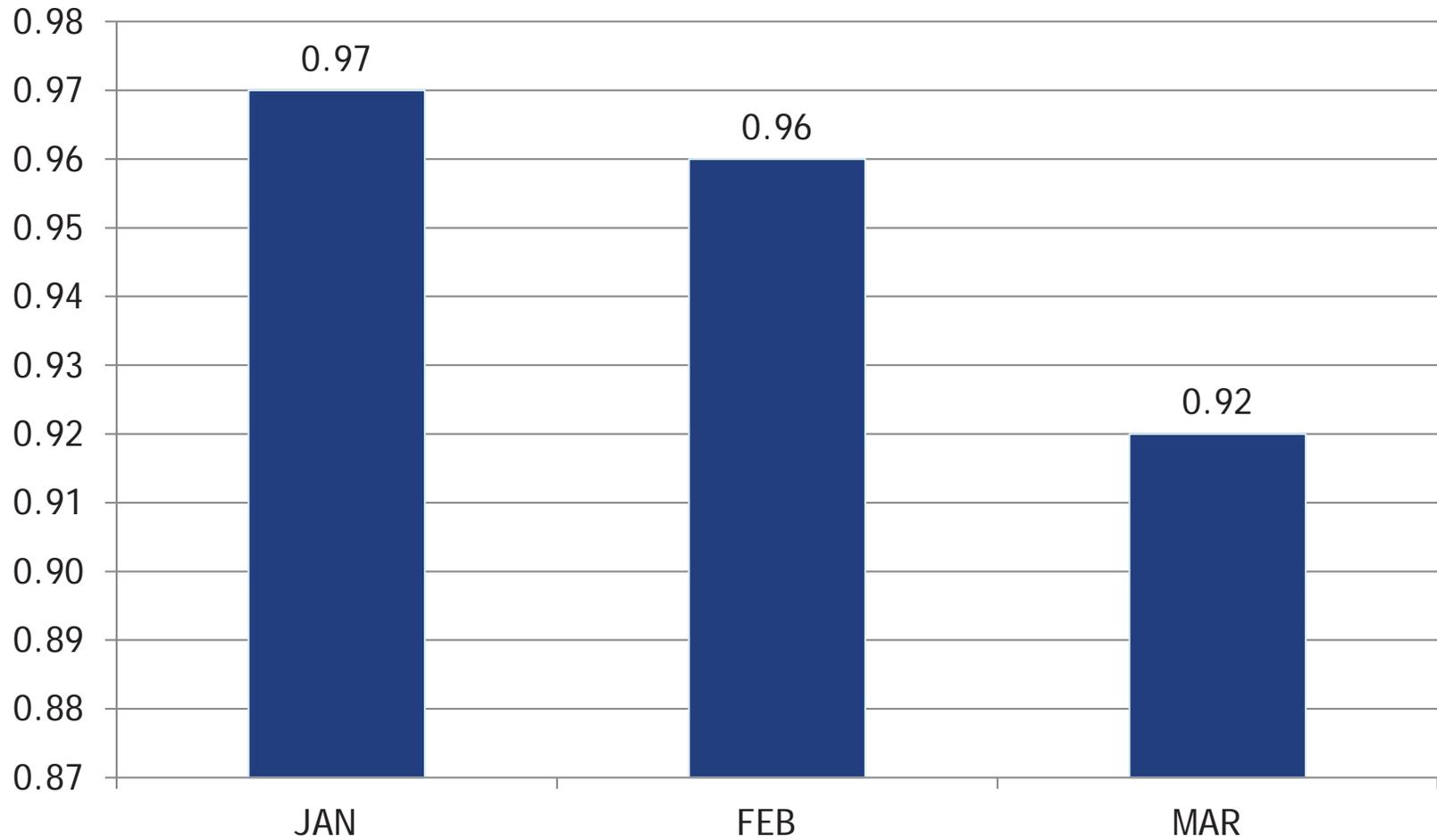
Program Schedule

- Program schedule updated for work complete through March 2016
- March Schedule Performance Index (SPI) = 0.92; a DECREASE of 0.04 from prior month (February SPI = 0.96)
- A DECREASE in program SPI was realized in March 2016 due to the Central 70 project revising percentage complete for all project phases.
- **Over-performing projects**
 - 3 projects with \$7.8M in combined Earned Value (EV) greater than planned
 - INCREASES overall program SPI by 0.011; NO CHANGE from prior month (February = 0.011)
- **Under-performing projects**
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Program Schedule

Program SPI by Month

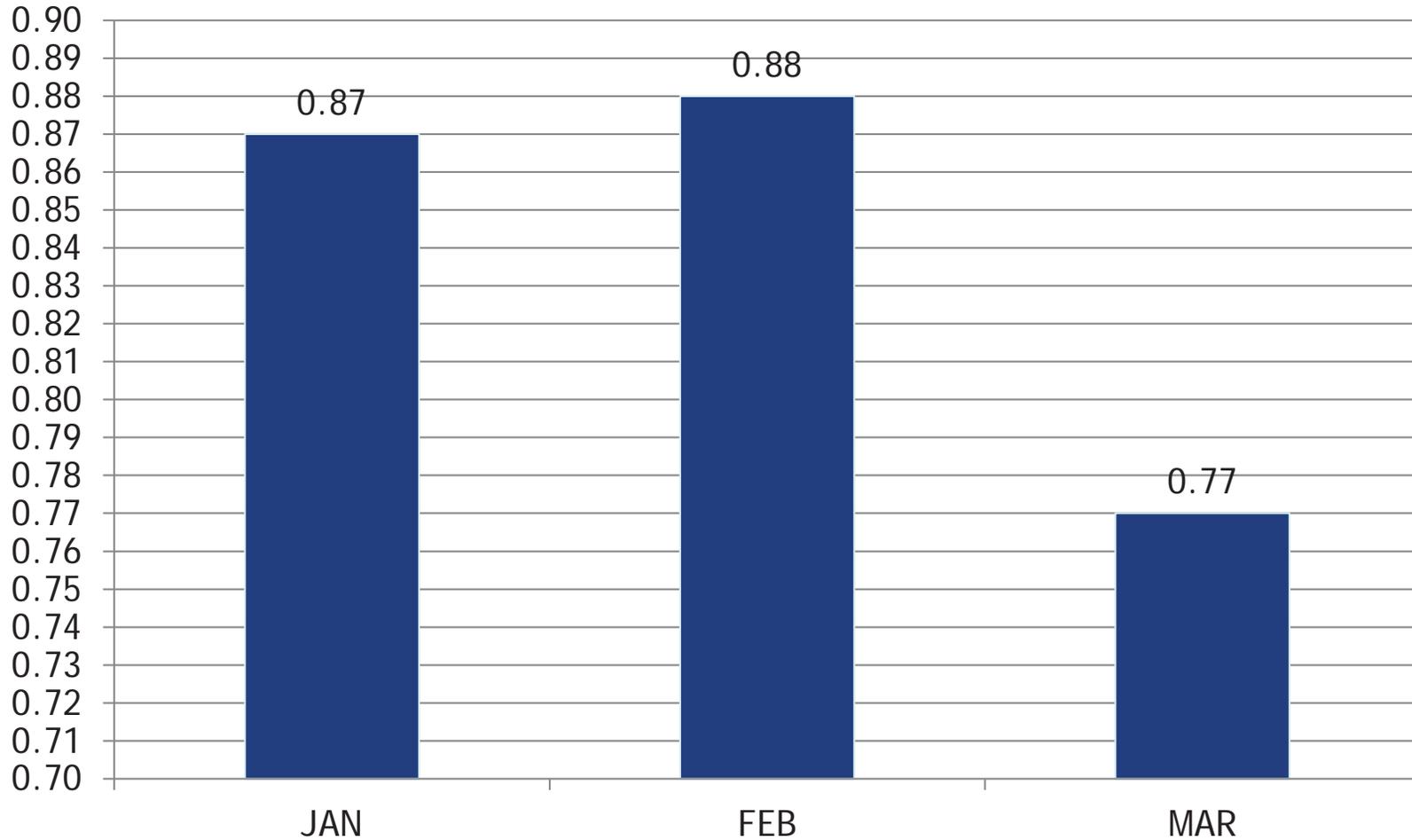


Program Goal SPI \geq 0.90



Program Schedule

Active Program Projects Only SPI by Month



Program Goal SPI \geq 0.90



Program Initiatives

CURRENT PROGRAM ACTIVITY & INITIATIVES:

- Guidance documentation review/revision
- Ongoing project coordination and oversight
- Closeout and deprogramming funds from completed projects
- Candidate projects for preconstruction activities review
- Continued PMO coordination
- Quarterly Reporting
- Maintenance invoicing
- Drafting 4-year and 10-year plans



Recent Project Activity

PROJECT PROGRESS:

Region 3, F-11-AB/AC, I-70 ML EBND/WDND over US 6 and Eagle River; Eagle County, resumed construction in March 2016. Completion of the project is mid-June 2016. Construction was previously shut down for winter.





Recent Project Activity

BE Staff Ilex Site Visit

- On March 24th, BE staff attended the monthly progress update meeting for FHWA and BE on the Ilex Design-Build project. The staff toured the project site with the Region 2 Project Manager.
- The bridge deck widenings have been successfully poured on I-25 over City Center Drive and on I-25 over Santa Fe Ave.
- Aesthetic treatments have been installed on the D Street wall panels.
- Retaining walls have been constructed along the future D Street.
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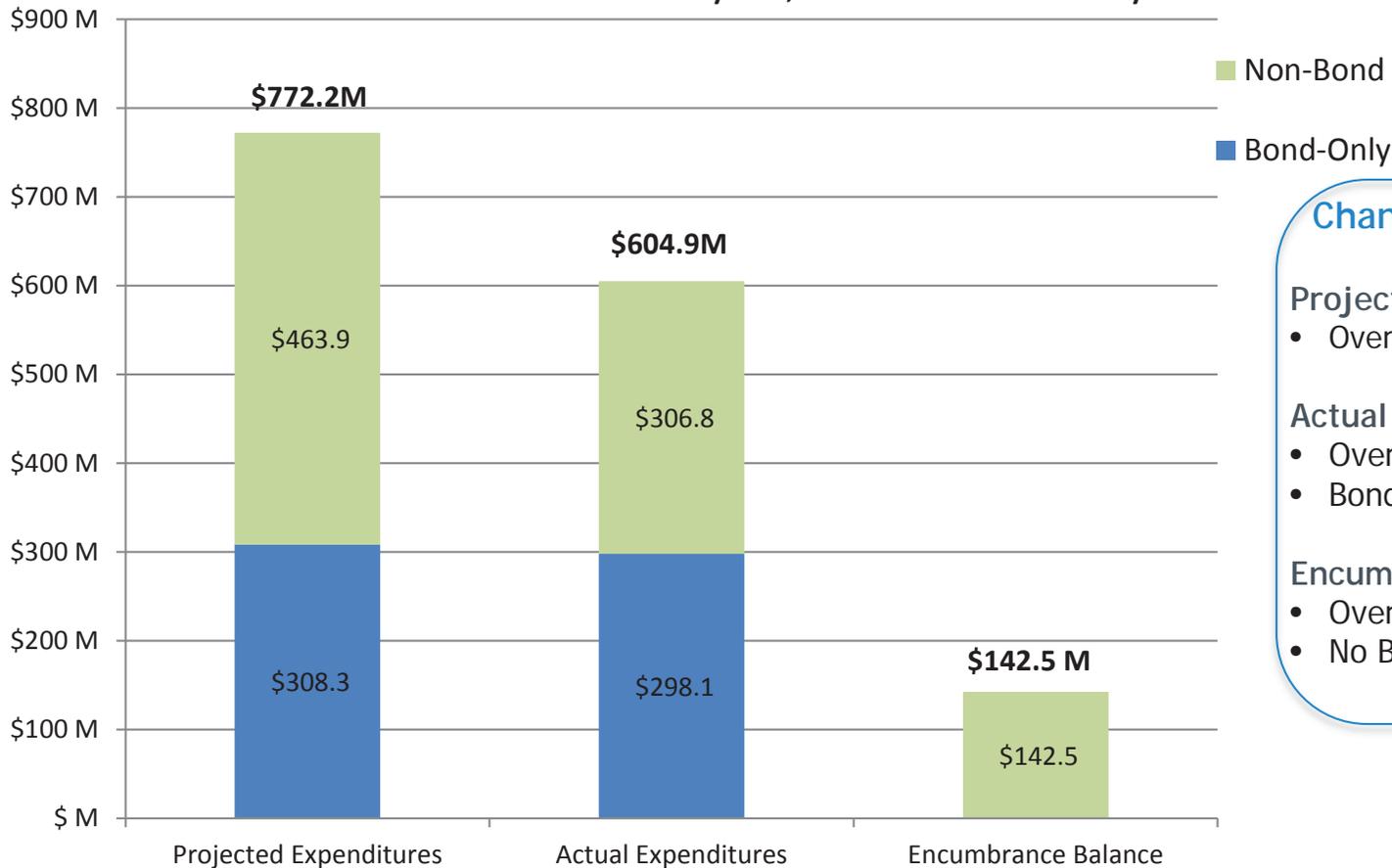
Photo: BE staff at the partially constructed new “D Street” bridge



Total Program Financial Performance

Colorado Bridge Enterprise Total Program Performance

As of February 29, 2016 - Preliminary



Changes from Previous Month

Projected Expenditures

- Overall increased by \$11.3 M or 1.5%

Actual Expenditures

- Overall increased by \$6.6 M or 1.1%
- Bond essentially expended

Encumbrance Balance

- Overall decreased by (\$2.4M) or -1.7%
- No Bond encumbrances remaining



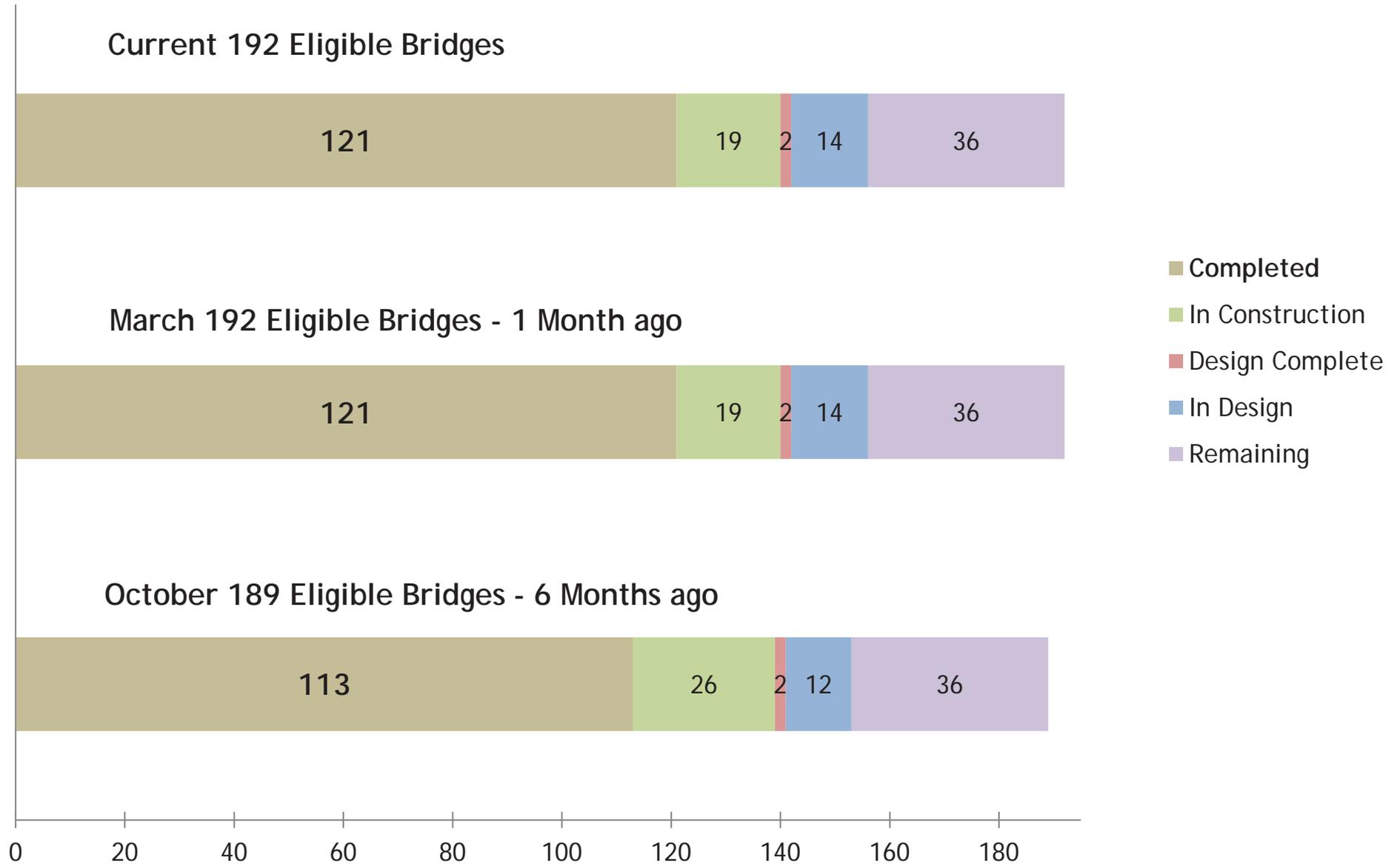
Budget and Encumbrance Balances Status

- This table shows the encumbrance and budget balances by Region for projects that have been substantially complete for more than 6 months.
- BE works with Region Business Offices and Project Engineers to release excess budget and encumbrance balances prior to the Finals process.
- In the last 6 months, significant progress has been made in releasing excess balances. However, future balances are expected to increase due to additional projects aging to substantially complete status.

Project Substantially Complete over Six Months Aging Encumbrance and Budget Balances				
Region	Encumbrance (\$)	Budget Balance (\$)	Projects	Phases
1	1,228,460	1,329,279	7	9
2	127,377	225,996	2	2
3	0	0	0	0
4	633,658	75,554	1	2
5	0	0	0	0
Total	\$ 1,989,495	\$ 1,630,829	10	13
% of Total Current Program	1.5%	1.3%	23.8%	18.1%
Previous Month	3,360,617	2,568,102		
Difference	(1,371,122)	(937,273)		

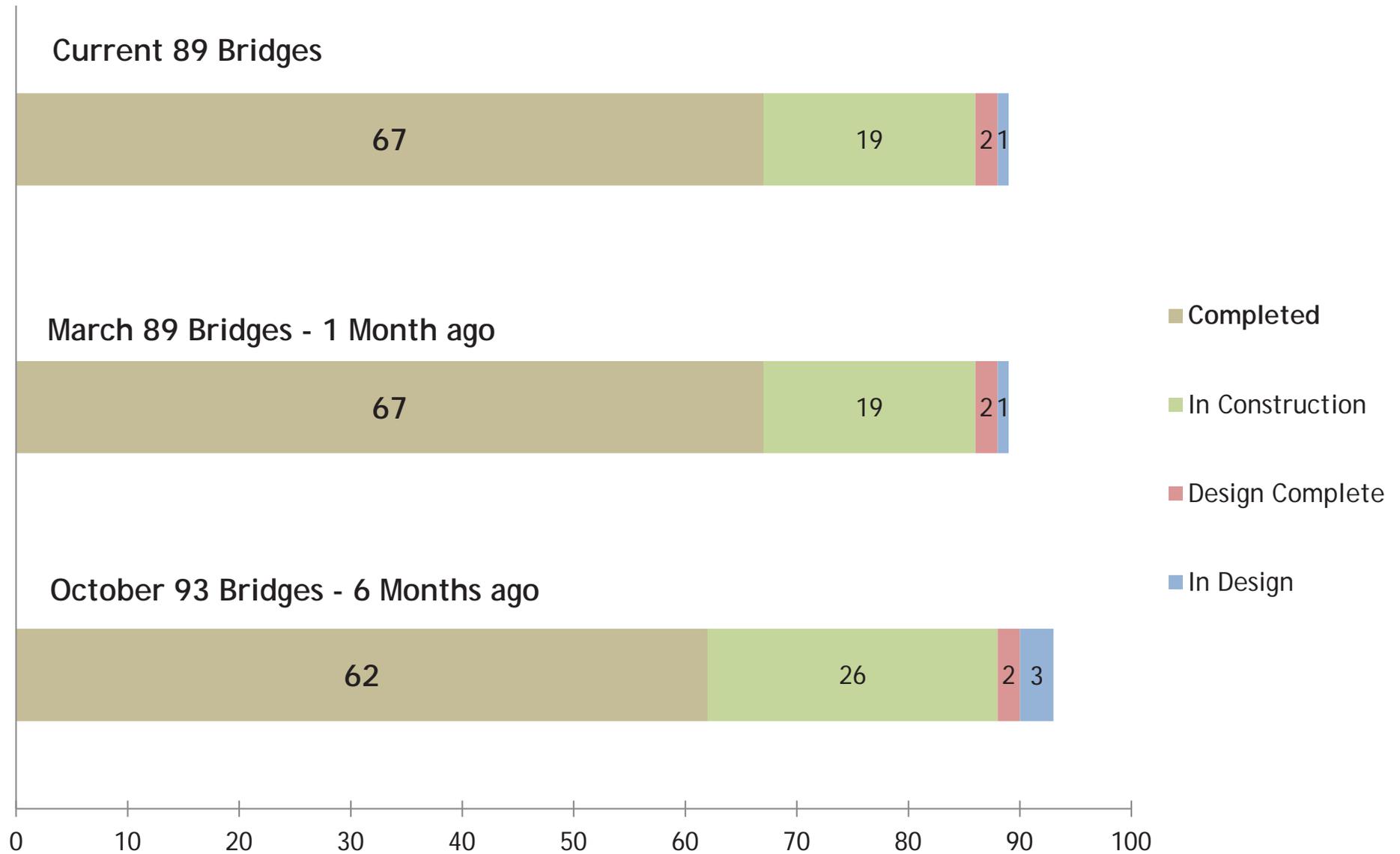


Status FASTER Eligible Bridges





Status \$300M Bond Bridges



**Variation in the bridge count is due to a reconciliation of bond program tracking. The methodology for the 2010 bond program bridge count has changed from programmed bridges to budgeted bridges.*



Status of 30 Most Deficient Bridges

	2015 Poor List Bridges Worst 30 Status	Original 128 Bridges Worst 30 Status
Complete	5	28
In Construction	2	1*
Design Complete	11	0
In Design	8	1**
Remaining (see table below)	4***	0
Total Addressed	30	30

*L-18-M: I 25 ML NBND over Indiana Ave; ** E-17-FX: I-70 Viaduct will be the final original '30 worst' bridge addressed.

***Remaining/Not Programmed

Bridge Number	Region	County	Facility Carried over Featured Intersection
N-17-S	2	Huerfano	I-25 ML NBND over CO Rd. 103, Butte Creek
L-19-F	2	Pueblo	US 50 BUS. RT over DRAW
F-10-C	3	Eagle	US 6 ML over East Lake Creek
N-11-C	5	Rio Grande	SH 112 ML over Rio Grande Canal



DBE Participation

State & FHWA-funded BE construction contracts continue to help CDOT exceed its overall 12.46% DBE goal through the following achievements:

Program-to-date 3/1/2010 - 12/31/2015	
68 Prime Contracts Awarded	\$502,746,471
1321 Subcontracts Awarded	\$170,985,424
432* Total DBE Subcontracts Awarded	\$52,017,743
DBE Percentage of Subcontract Dollars	30.4%

*The 432 subcontracts went to 130 individual DBE firms.



FASTER Q & A

Questions & Answers