

Bridge Enterprise Board
Regular Meeting Agenda
Thursday, November 21, 2013
4201 East Arkansas Avenue
Denver, Colorado 80222

Douglas E. Aden, Chairman
Grand Junction, District 7

Shannon Gifford
Denver, District 1
Ed Peterson, Vice Chairman
Lakewood, District 2
Gary M. Reiff
Englewood, District 3
Heather Barry
Westminster, District 4
Kathleen Gilliland
Livermore, District 5

Kathy Connell
Steamboat Springs, District 6
Sidny Zink
Durango, District 8
Les Gruen
Colorado Springs, District 9
William Thiebaut
Pueblo, District 10
Steven Hofmeister
Haxtun, District 11

THE CHAIRMAN MAY ALTER THE ITEM SEQUENCE OR TIMES

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

BRIDGE ENTERPRISE BOARD OF DIRECTORSTab 15

- 2:05 p.m. Call to Order and Roll Call
- 2:05 p.m. Audience Participation
Subject Limit: 10 minutes; Time Limit: 3 minutes
- 2:10 p.m. Act on Consent Agenda Bridge Enterprise p2
a) Resolution to Approve Regular Minutes from
October 17, 2013 (Herman Stockinger)
- 2:15 p.m. Discuss and Act on 5th Budget Supplement for ... Bridge Enterprise p6
FY'2014 (Scott Richrath)
- 2:20 p.m. Monthly Progress Report (Tim Harris) Bridge Enterprise p10
- 2:25 p.m. Adjournment

**Bridge Enterprise Board
Regular Meeting Minutes
Thursday, October 17, 2013**

PRESENT WERE: Doug Aden, Chairman, District 7
Shannon Gifford, District 1
Gary Reiff, District 3
Ed Peterson, Vice Chairman, District 2
Heather Barry, District 4
Kathy Gilliland, District 5
Kathy Connell, District 6
Sidny Zink, District 8
Les Gruen, District 9
Bill Thiebaut, District 10
Steve Hofmeister, District 11

ALSO PRESENT: Don Hunt, Executive Director
Gary Vansuch, Director of Process Improvement
Heidi Humphreys, Director of Admin & Human Resources
Debra Perkins-Smith, Director of Division of Transportation
Development
Scott Richrath, Chief Financial Officer
Mike Cheroutes, Director of HPTE
Scott McDaniel, Director, Staff Services
Herman Stockinger, Director of Policy and Government
Relations
Amy Ford, Director, Public Relations
Barb Gold, Director, Division of Audit
Tony DeVito, Region 1 Transportation Director
Tom Wrona, Region 2 Transportation Director
Dave Eller, Region 3 Transportation Director
Myron Hora, Acting Region 4 Transportation Director
Kerrie Neet, Region 5 Transportation Director
Kathy Young, Chief Transportation Counsel
John Cater, FHWA
Vince Rogalski, Statewide Transportation Advisory
Committee (STAC)

AND: Other staff members, organization representatives,
the public

Chairman Aden convened the meeting at 1:55 p.m. in the CDOT Headquarters building at 4201 E. Arkansas Avenue, Denver, CO.

Audience Participation

The Chairman noted that no members of the audience had signed up to address the Board of Directors.

Act on Consent Agenda

Chairman Aden stated that the next thing on the Agenda was action on the Consent Agenda. Director Gruen moved for approval of the Consent Agenda. The motion was seconded by Director Connell. Upon vote of the Board, the motion passed unanimously.

Approval of the Regular Meeting Minutes for September 18, 2013

Resolution #BE-143

Approval of Regular Meeting Minutes for September 19, 2013.

BE IT RESOLVED THAT, the Minutes for the September 19, 2013, meeting of the Bridge Enterprise Board of Directors are hereby approved by the Bridge Enterprise Board as published in the Agenda for the October 16 & 17, 2013, meeting of the Bridge Enterprise Board of Directors.

Discuss and Act on Resolution to Approve the 4th Budget Supplement for FY2014

Scott Richrath stated that this request for State Highway 14 in the Poudre Canyon was pulled from the agenda last month because the physical impact of the flooding to this area was not yet known, nor was the financial impact to Fort Collins. This is the only request on the table for this month, submitted on the contingency of local readiness to move forward. As of October 16, 2013, Fort Collins stated that they are ready to move forward with their local share. He sought approval for a supplemental request for \$12.1 million for State Highway 14.

Chairman Aden entertained a motion to approve the 4th Supplement to the Budget. Director Gilliland moved to approve the motion, and Director Connell seconded the motion. Upon vote of the Commission, the resolution passed unanimously.

Resolution #BE-144

BE IT RESOLVED THAT, the 4th Budget Supplement for FY'14 is hereby approved by the Bridge Enterprise Board.

Quarterly Bond Program Update

Scott Richrath stated that the Bond Program is a \$300 million program with a target of spending \$255 million of that in a three year period. That target will not be met, but it will be close. There has been acceleration in expenditure in the last few months. He stated that he anticipates about \$14 million per month in bond spending over the final few months of the three year period, bringing the total to approximately \$240 million.

Chairman Aden asked about potential legal problems with the spend-down requirement. Ken Szeliga stated that counsel was comfortable with the fact that Bridge Enterprise has done everything possible to spend the money and that all

the money should be encumbered by December of 2013, which will ensure compliance.

Scott Richrath stated that in approximately 18 months, the Bond Program will face a deficit of about \$88million. He asked if the Board wanted a workshop at a future meeting to discuss possible future bonding. Chairman Aden stated that a workshop would be helpful. Chairman Aden also asked how the I-70 viaduct fit into the financial plan. Scott Richrath stated that the forecasts for the I-70 viaduct have some variability in two specific areas. The first is that the scheduled performance index is set at .9, and the forecasts typically assume a 1.00 scheduled performance index. As the Enterprise lags by 10% or so, they will not expend the cash that is forecasted. The second potential lag is that they have been historically running under budget. There has been a return to budget on each project as they close that project of another 10%. There is flexibility that will make the forecasts look less deficit-driven. The I-70 viaduct is clearly the factor that drives an entirely different discussion on bonding and on funding capacity from the pay as you go program.

Director Hunt stated that Mike and Ben are working on an overall funding plan for the viaduct project. This was a first round of looking at more aggressive tolling structures, including toll express lanes and other sources of revenue to do this project, in order to lighten a little of the load on the Bridge Enterprise.

Director Hunt also stated that there was an appeal filed on the Bridge Enterprise lawsuit. Kathy Young stated that time frame to resolve that appeal would be at least year, possibly two years.

Chairman Aden requested to stay apprised of any material changes in cash projections. He also stated that moving forward with the discussions about the I-70 viaduct will help provide context when the legal questions are resolved.

Prioritization Plan Comparison

Josh Laipply stated that last month they were requested to examine the currently programmed bridges and how they would rank in the prioritization plan for Bridge Enterprise. Of the 26 that are currently in design, six have a lower prioritization score. They maintain that these six continue to be a good investment. There are 17 others that have not been programmed because they are not a good investment. This demonstrated that the prioritization plan is working.

Monthly Progress Report

Scott McDaniel provided the Monthly Progress Report.

- The Program Schedule SPI has decreased by .2 points. The drop is attributed to both over-performing and under-performing projects. The over-performing projects decreased from a .05 benefit to a .04 benefit. The underperforming projects also lost a few points.
 - There are 12 over-performing projects with an earned value of \$13.5 million.

- There is one underperforming non-railroad project with a combined loss earned value of \$10.8 million.
- There are a high number underperforming railroad projects. They are diligently working to improve the relationships with the railroads.
- SPI peaked at .95
- Major Achievements
 - Completed the fourth quarter for the Quarterly Report
 - Flood Recovery
 - Immediately after the floods, staff members were looking at damage and which bridges were Bridge Enterprise eligible.
 - This includes the Poudre River Bridge, which continues to be eligible.
 - Went to AD with a bridge in Region 2: the 1-25 business route over Salt Creek, north of Walsenburg. This a very old structure and is due for a replacement.
 - The I-25 over the draw in El Paso County is also going to construction in Region 2. This is not funded by Bridge Enterprise, but it is a Bridge Enterprise eligible project. It was not funded by Bridge Enterprise because it was a design built project and funded by BR funds.
 - Two bridges were completed in Region 1.
 - The first was the Pecos Street Bridge over 1-70. It is open and fully functional with roundabouts on both sides.
 - The second is a Sheridan Bridge over a railroad at 1-76.
- Total program financial performance did not significantly change from last month. As was heard in the Bond Program update, they are a little behind but gaining ground as they go.
- There are still 178 FASTER eligible bridges, which is no change from last month. Two went into design and one was completed since the last update.
- He provided a list of the 30 most deficient bridges.

Adjournment

Chairman Aden asked if there were any more matters to come before the Bridge Enterprise Board and hearing none, Chairman Aden announced the adjournment of the meeting.

Herman Stockinger, Secretary
Colorado Bridge Enterprise Board

Date

STATE OF COLORADO

DEPARTMENT OF TRANSPORTATION

Division of Accounting and Finance
4201 East Arkansas Avenue
Denver CO 80222
(303) 757-9262



DATE: November 21, 2013
TO: Bridge Enterprise Board of Directors
FROM: Scott Richrath, CFO
SUBJECT: Fourth Supplement to the FY 2014 Bridge Enterprise Budget

Enclosed is the Fourth Supplement to the FY 2014 Bridge Enterprise Budget.

SCOPING POOLS

- **\$128,223** – Add funds to scoping pools. This funds scoping work in region 3 and provides \$100,000 to be allocated as necessary.

REGION 1

- **\$13,602,500** - Establish the construction phase budget for this project. The City of Aurora is providing funds for roadway improvements west of the bridges which is not a TABOR impact. AD date in December 2013. (18204)

**US 40 ML EBND and WBND over Tollgate Creek in Arapahoe County
 Structures TBD to replace Structures F-17-GO & F-17-GA**

Budget Components by Phase, Funding Program, Fiscal Year

Phase of Work	Funding Program	Current Budget				Fourth Supplement Action	Revised Budget	Expended To-Date
		Prior Years	FY 2014	Advanced (FY ')	Total			
Design	<i>Bond Proceeds</i>	\$3,284,170	\$0	\$0	\$3,284,170	\$0	\$3,284,170	\$1,346,765
	<i>City of Aurora</i>	\$55,730	\$0	\$0	\$55,730	\$0	\$55,730	\$55,730
	<i>FASTER Funds</i>	\$20,000	\$0	\$0	\$20,000	\$0	\$20,000	\$0
	Total Design	\$3,359,900	\$0	\$0	\$3,359,900	\$0	\$3,359,900	\$1,402,495
Construction	<i>FASTER Funds</i>	\$0	\$0	\$0	\$0	\$13,378,500	\$13,378,500	\$0
	<i>City of Aurora</i>	\$0	\$0	\$0	\$0	\$224,000	\$224,000	\$0
	Total Construction	\$0	\$0	\$0	\$0	\$13,602,500	\$13,602,500	\$0
Total Project Budget		\$3,359,900	\$0	\$0	\$3,359,900	\$13,602,500	\$16,962,400	\$1,402,495

REGION 2

- **\$47,041,600** - Establish construction phase budget to address a total of 8 structures to be included within one large design-build (D/B) project. The initial project scope only addressed bridges K-18-CL & K-18-CK which will be replaced with new structures. The region project team in collaboration with CDOT/CBE CFO and program staff subsequently decided to add the six other structures to the D/B project for the following reasons: bridges score well on the prioritization plan or have a very low sufficiency rating, the work falls within the same geographical area, and economy of scale from a construction packaging perspective. Because the six structures also fall within the footprint of the future re-alignment of I-25 as outlined within the New Pueblo EIS, a condition assessment cost study was completed which concluded that rehabilitation (rather than replacement) was the appropriate corrective action. RFP date in December 2013. (19205)

The construction phase will be primarily funded with future FASTER pay-go dollars through fiscal year 2016, and the subject financial liability has already been programmed into the bond program allocation plan.

In addition, the project team intends to include the RAMP partnership project 2-31; I-25 Ilex to 1st Street in Pueblo, CO (which also falls within the same geographical area) into the D/B project. This work will be funded with other (non-Bridge Enterprise) funding sources and is valued at approximately \$33.2M.

Design Build Package in Pueblo County Containing:

- I-25 ML over Ilex, RR, and Bennet (Structures TBD to Replace Structures K-18-CL & K-18-CK)
- I-25-ML over Indiana (Rehab Structures L-18-M & L-18-W)
- Northern Ave over I-25 (Rehab Structure L-18-AQ)
- Mesa Ave over I-25 (Rehab Structure L-18-AU)
- I-25 ML NBND over US 50 ML (Rehab Structure K-18-AX)
- US 50 Business Route over Arkansas (Rehab Structure K-18-R)

Budget Components by Phase, Funding Program, Fiscal Year

Phase of Work	Funding Program	Current Budget				Fourth Supplement Action	Revised Budget	Expended To-Date
		Prior Years	FY 2014	Advanced (FY ')	Total			
Construction	<i>FASTER Funds</i>	\$0	\$0	\$0	\$0	\$47,041,600	\$47,041,600	\$0
	Total Construction	\$0	\$0	\$0	\$0	\$47,041,600	\$47,041,600	\$0
Total Project Budget		\$0	\$0	\$0	\$0	\$47,041,600	\$47,041,600	\$0

- **\$1,073,500** - Establish the construction phase budget for this project. AD date in December 2013. (19053)

US 160 ML over Smith Canyon Tributary in Las Animas County
 Structure P-23-D to Replace Structure P-23-A

Budget Components by Phase, Funding Program, Fiscal Year

Phase of Work	Funding Program	Current Budget				Fourth Supplement Action	Revised Budget	Expended To-Date
		Prior Years	FY 2014	Advanced (FY ')	Total			
ROW	<i>FASTER Funds</i>	\$5,000	\$0	\$0	\$5,000	\$0	\$5,000	\$0
	Total Design	\$5,000	\$0	\$0	\$5,000	\$0	\$5,000	\$0
Design	<i>Bond Proceeds</i>	\$722,000	\$0	\$0	\$722,000	\$0	\$722,000	\$260,849
	Total Design	\$722,000	\$0	\$0	\$722,000	\$0	\$722,000	\$260,849
Construction	<i>FASTER Funds</i>	\$0	\$0	\$0	\$0	\$1,073,500	\$1,073,500	\$0
	Total Construction	\$0	\$0	\$0	\$0	\$1,073,500	\$1,073,500	\$0
Total Project Budget		\$727,000	\$0	\$0	\$727,000	\$1,073,500	\$1,800,500	\$260,849

Resolution No.

**“BE IT RESOLVED, That the Fourth Supplement to the Fiscal Year 2013-2014
Budget is approved by the Bridge Enterprise Board.”**

BRIDGE ENTERPRISE
BOARD OF DIRECTORS MEETING



NOVEMBER 2013 MONTHLY PROGRESS REPORT

Colorado Bridge Enterprise

11/21/2013

Program Schedule

2

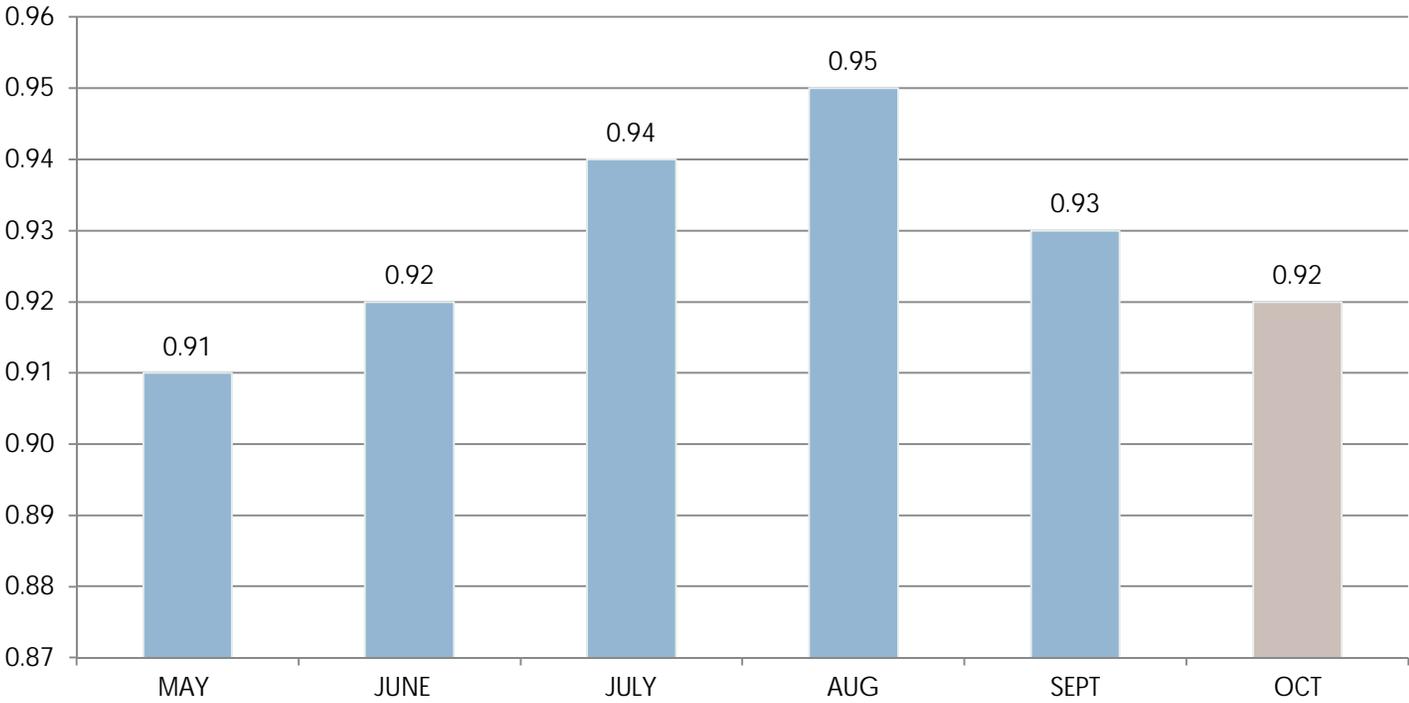
- Program schedule updated for work complete through October 2013
- October Schedule Performance Index (SPI) = 0.92
 - A 0.01 DECREASE from previous month
 - September SPI = 0.93
- Over-performing projects
 - 6 projects with \$11.2M in combined Earned Value (EV) greater than planned
 - 6 fewer projects and \$2.3M less in EV than prior month
 - Increases program SPI by 0.03; a 0.01 decrease from prior month
- Under-performing projects
 - Non-Railroad projects (Lost SPI \geq 0.01)
 - 1 project with \$12.0M in lost EV
 - Reduces program SPI calculation by 0.03; no change from prior month
 - Railroad projects
 - 13 Railroad projects with \$18.0M in combined lost EV
 - Reduces program SPI calculation by 0.05; no change from prior month

11/21/2013

Program Schedule

3

Program SPI by Month



Program Goal SPI \geq 0.90

11/21/2013

Major Achievements (October BOD – November BOD)

4

- Program Reporting
 - ▣ Completed Q1 FY2014 Quarterly Report
 - ▣ Completed Bond Allocation Plan Update
 - Work complete through September 30, 2013 or Q1 FY2014
- Identified 1 newly eligible “poor” FASTER bridge
 - ▣ Per CDOT Staff Bridge quarterly update
 - ▣ FASTER eligibility bridge count increased from 178 to 179
 - ▣ Region 3:
 - F-08-D; I70 SERVICE RD over UP RR (SR), Eagle County.

11/21/2013

Major Achievements (October BOD – November BOD)

5

- ❑ Design/Build Procurement
 - ❑ Region 2: Ilex Design/Build Project (Pueblo, CO)
 - Project finalizing RFP for release in December
- ❑ Completed draft Colorado Bridge Enterprise Annual Financial Statements for FY2013
- ❑ Bridges to Construction
 - ❑ Region 6
 - F-17-DM: SH 88 ML/ARAPAHOE ROAD over CHERRY CREEK (Centennial, CO)

11/21/2013

Major Achievements (October BOD – November BOD)

6

- Completed Five Bridges
 - ▣ Region 1
 - E-16-FK: SH 121 ML Southbound over US 36 ML (Broomfield)
 - E-16-FL: County Road / Old Wadsworth over US 36 ML (Broomfield)
 - G-16-B: US 85 ML over Draw (Douglas County)
 - G-16-C: US 85 ML over Draw (Douglas County)
 - ▣ Region 4
 - B-17-L: SH 14 ML over Coalbank Creek (Ault, CO)

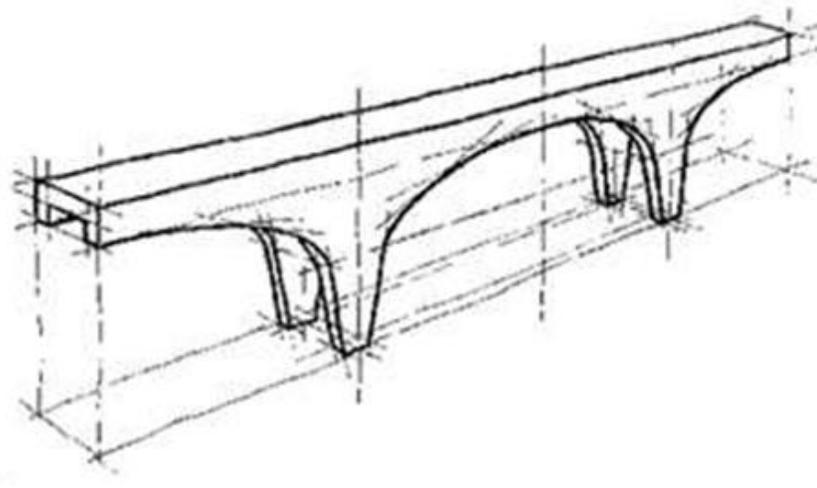
11/21/2013

Completed **FASTER** bridge

7

Region 1

E-16-FK: SH 121 ML Southbound over US 36 ML (Broomfield)



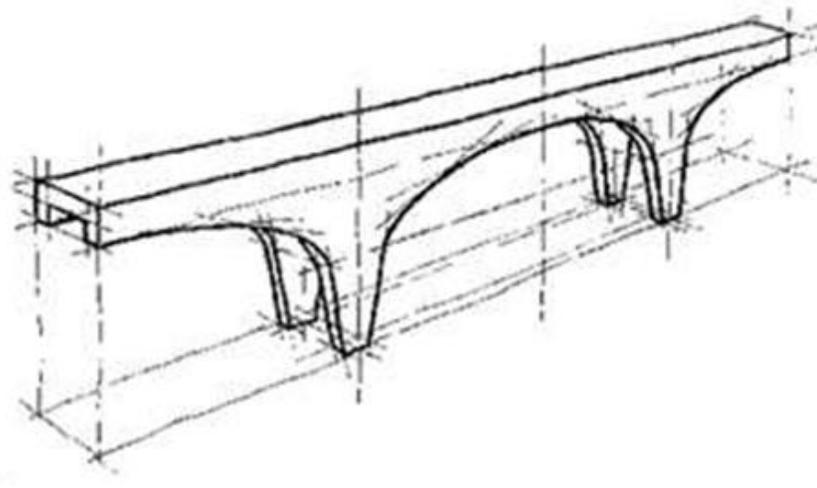
Project team to provide photograph(s) of completed structure.

Completed **FASTER** bridge

8

Region 1

E-16-FL: County Road / Old Wadsworth over US 36 ML (Broomfield)



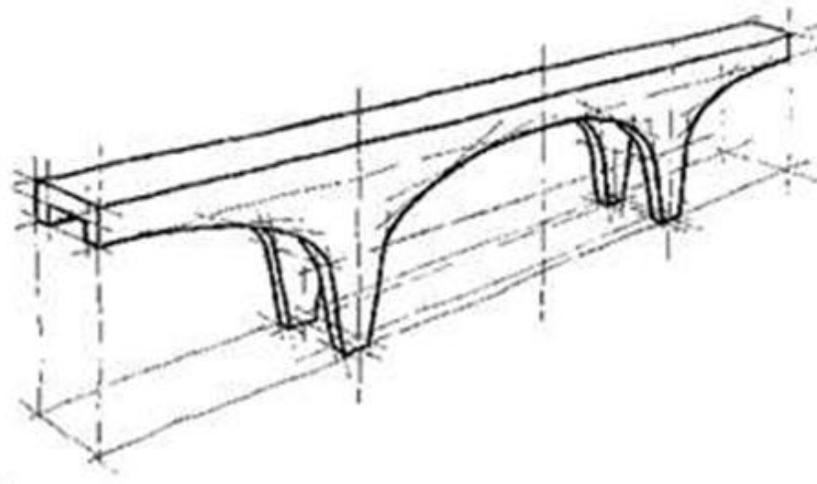
Project team to provide photograph(s) of completed structure.

Completed **FASTER** bridge

9

Region 1

G-16-B: US 85 ML over DRAW (Douglas County)



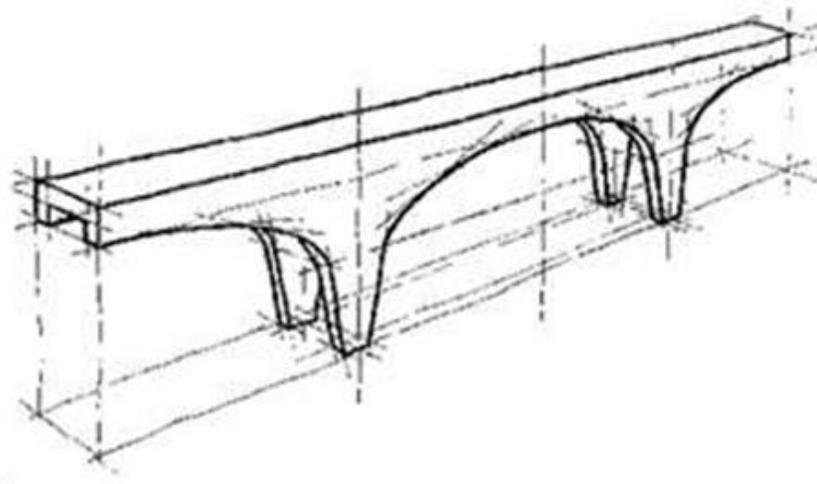
Project team to provide photograph(s) of completed structure.

Completed **FASTER** bridge

10

Region 1

G-16-C: US 85 ML over DRAW (Douglas County)



Project team to provide photograph(s) of completed structure.

Completed **FASTER** bridge

11

Region 4

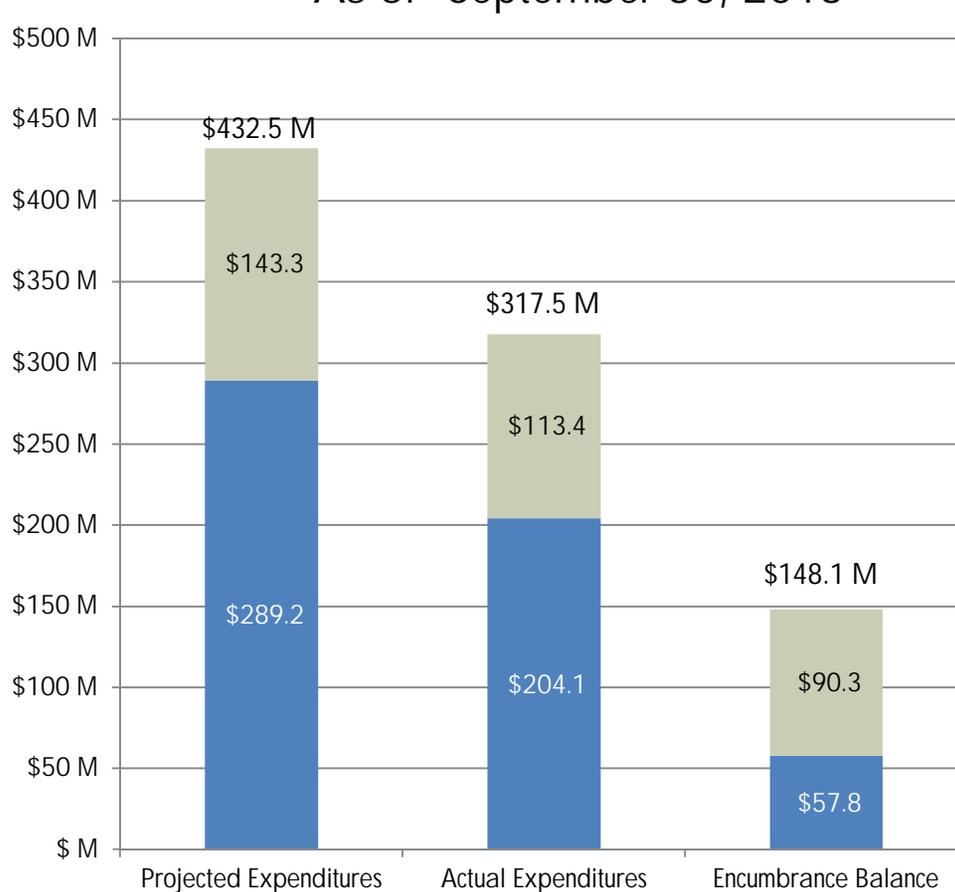
B-17-L: US 85 ML over DRAW (Douglas County)



Total Program Financial Performance

12

As of September 30, 2013



■ Non-Bond ■ Bond-Only

Changes from Previous Month

Projected Expenditures

- Overall increased by \$19.8M or 4.8%
- Bond-Only increased by \$7.8M or 2.8%

Actual Expenditures

- Overall increased by \$11.9M or 3.9%
- Bond-Only increased by \$7.7M or 3.9%

Encumbrance Balance

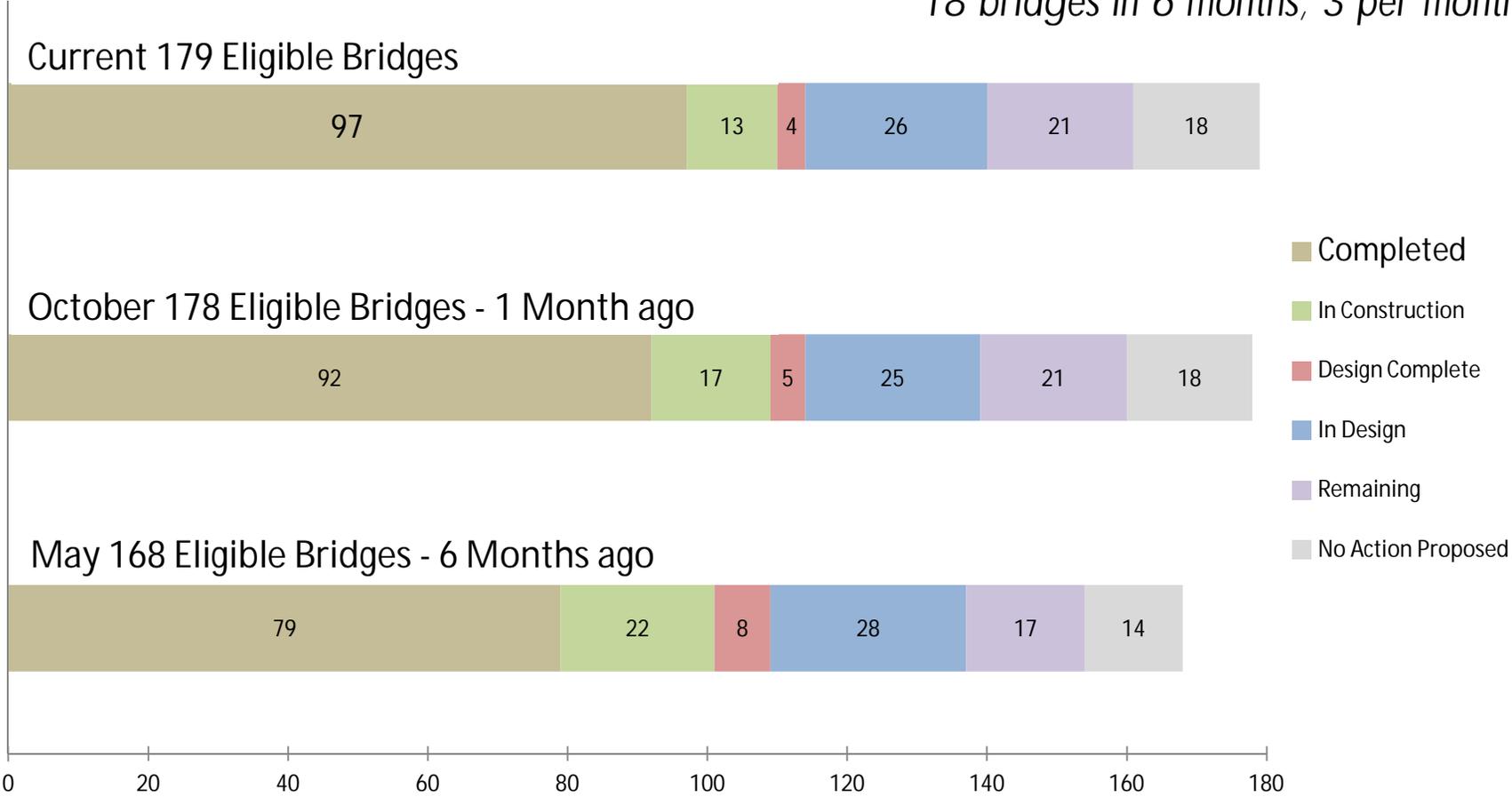
- Overall decreased by -\$4.7M or -3.1%
- Bond-Only decreased by -\$6.2M or -9.7%

Encumbrance balances (bond-only) to decrease as expenditures increase; unless new work scope is contracted.

Status **FASTER** Eligible Bridges

13

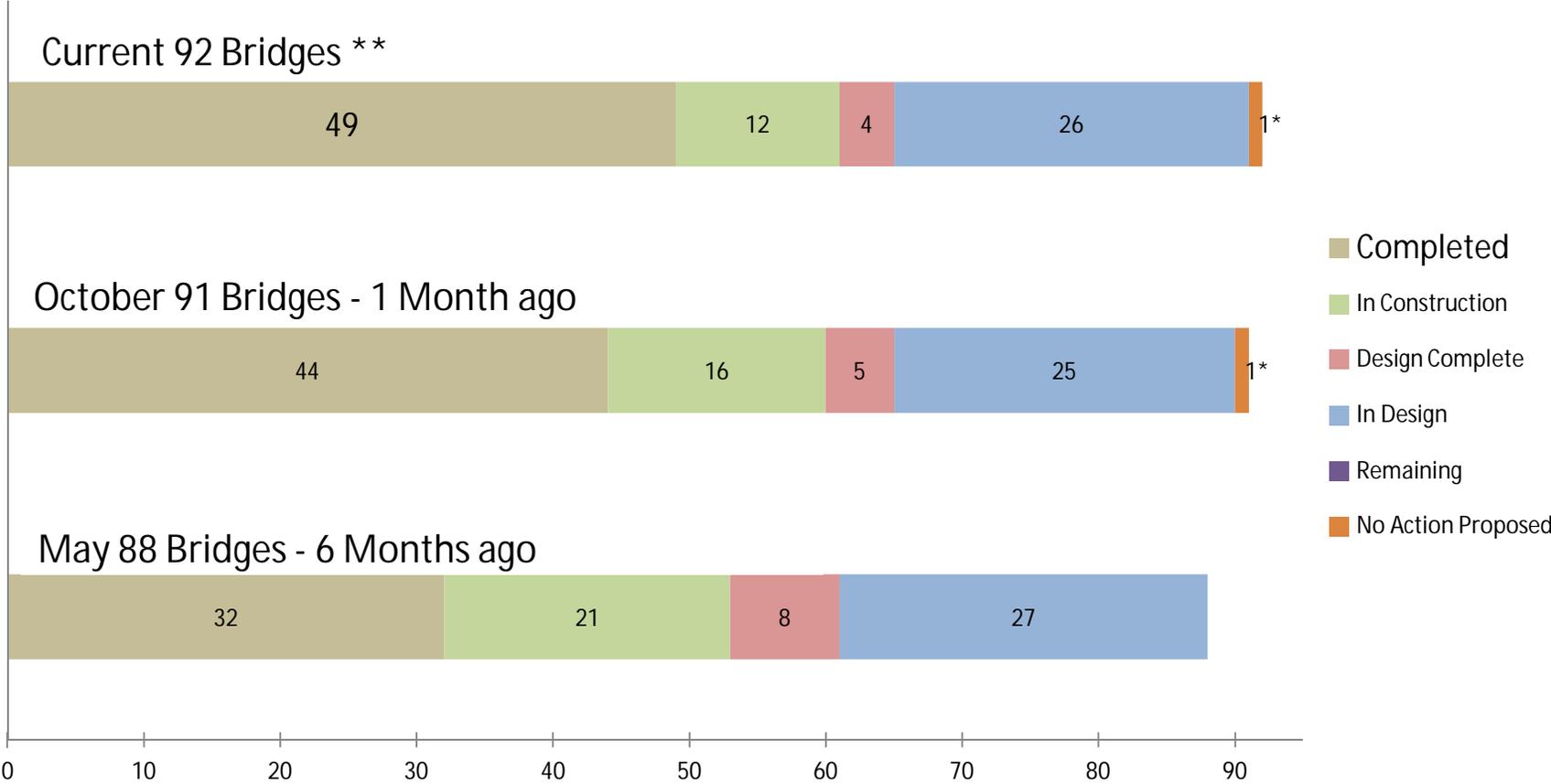
18 bridges in 6 months; 3 per month



11/21/2013

Status \$300M Bond Bridges

14



* One project was determined in-eligible
 ** Recognized I-70 Viaduct w/ ROW acquisition

11/21/2013

Status of 30 Most Deficient Bridges

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	2013 Poor List Bridges Worst 30 Status	Original 128 Bridges Worst 30 Status
Complete	12 ^a	27 ^c
In Construction	2	1
Design Complete	2	0
In Design	9	2 ^d
Remaining	5 ^b	0
Total Addressed	30	30

^a Completed four bridges: G-16-C, B-17-L, E-16-FL and E-16-FK

^c Completed two bridges: G-16-C and E-16-FL

^dI-70 Viaduct moved to in design with ROW acquisition

b	Region	Location	Current Status
E-17-EW	R1	I-70 ML EBND over UP RR	Pending I-70 East FEIS
E-17-DF	R1	I-70 ML WBND over UP RR	Pending I-70 East FEIS
E-17-KR	R1	I-270 ML EBND over I-70 ML	Newly Poor: Evaluating
C-17-B	R4	SH 60 ML over SOUTH PLATTE RIVER	Newly Poor: Evaluating
K-17-F	R2	SH 96 ML over RUSH CREEK	Newly Poor: Evaluating

11/21/2013

DBE Participation; Quarterly Update

16

- From 3/1/2010 – 9/30/2013, State & FHWA-funded BE construction contracts* continue to help CDOT exceed its overall DBE goal through the following achievements:

- 3 DBE Prime Contracts Awarded = \$ 7,014,350
- 289 DBE Subcontracts Awarded = \$29,279,036
- 292** Total DBE Contracts Awarded = \$36,293,386
- Overall DBE Participation on BE Contracts = 16.7%
- CDOT DBE goal at 13.3%

* Design-Bid-Build only

** The 292 total contracts went to 100 individual DBE firms

CBE Contractor List (Inception to date)

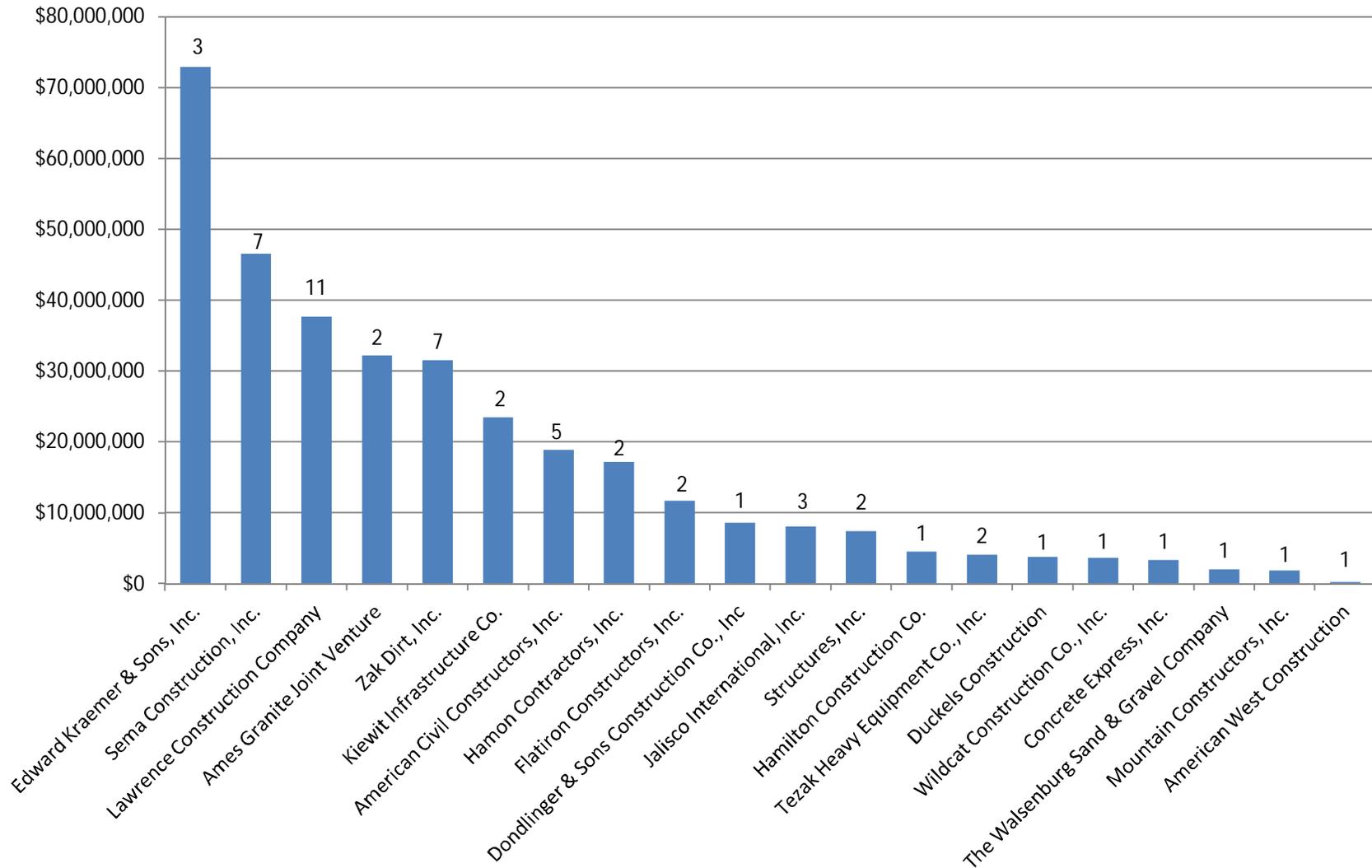
17

Contractor	Total Projects	Cumulative Contract Amount (\$M)
Edward Kraemer & Sons, Inc.	3	\$72.9
Sema Construction, Inc.	7	\$46.6
Lawrence Construction Company	11	\$37.7
Ames Granite Joint Venture	2	\$32.2
Zak Dirt, Inc.	7	\$31.6
Kiewit Infrastructure Co.	2	\$23.5
American Civil Constructors, Inc.	5	\$18.9
Hamon Contractors, Inc.	2	\$17.2
Flatiron Constructors, Inc.	2	\$11.7
Dondlinger & Sons Construction Co., Inc.	1	\$8.6
Jalisco International, Inc.	3	\$8.1
Structures, Inc.	2	\$7.5
Hamilton Construction Co.	1	\$4.5
Tezak Heavy Equipment Co., Inc.	2	\$4.1
Duckels Construction	1	\$3.8
Wildcat Construction Co., Inc.	1	\$3.6
Concrete Express, Inc.	1	\$3.4
The Walsenburg Sand & Gravel Company	1	\$2.0
Mountain Constructors, Inc.	1	\$1.9
American West Construction	1	\$0.2
20 Contractors	56	\$340.0

Does not include 34 BE eligible bridges replaced with Non-BE funds

CBE Contractor List

CBE CONSTRUCTION PROJECTS BY CONTRACTOR



FASTER Q&A

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Questions & Answers

10/17/2013