

**Bridge Enterprise Board  
Regular Meeting Agenda  
Thursday, May 19, 2011  
4201 East Arkansas Avenue  
Denver, Colorado 80222**

PRESENT WERE: Leslie Gruen, Chairman, District 9  
Steve Parker, Vice Chairman, District 8  
Trey Rogers, District 1  
Jeanne Erickson, District 2  
Heather Barry, District 4  
Douglas E. Aden, District 7  
Gilbert Ortiz, Sr., District 10  
Kim Killin, District 11

EXCUSED: Bill Kaufman, District 5  
Gary M. Reiff, District 3

ALSO PRESENT: Don Hunt, Executive Director  
Pam Hutton, Chief Engineer  
Heidi Bimmerle, Director, Division of Human Resources and Administration  
Casey Tighe, Audit Director  
Scott McDaniel, Staff Services Director  
Ben Stein, CFO  
Stacey Stegman, Public Relations Director  
Tim Harris, Region 2 Transportation Director  
Dave Eller, Region 3 Transportation Director  
Johnny Olson, Region 4 Transportation Director  
Reza Akhavan, Region 6 Transportation Director  
Harry Morrow, Chief Transportation Counsel  
Vince Rogalski, Statewide Transportation Advisory  
Committee (STAC) Chairman

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

Chairman Les Gruen convened the meeting at 11:07 a.m. on May 19, 2011 in the auditorium of the headquarters building of the Colorado Department of Transportation in Denver, Colorado.

**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 Gruen announced that the Board would act on the Consent Agenda and Director Rogers motioned for approval of the Consent Agenda. Director Aden seconded the motion and on a vote of the Bridge Enterprise Board of Directors, the Consent Agenda was unanimously approved

**Allow the BE Working Committee notes to be Submitted in writing:**

Meeting Notes  
Bridge Enterprise Workshop

CDOT HQ  
May 18, 2011

CBE Board of Directors/Executive Director: Chairman L. Gruen, Executive Director D. Hunt, S. Parker, J. Erickson, D. Aden, G. Ortiz, T. Rogers, and K. Killin

CDOT Staff: P. Hutton, B. Stein, T. Harris, S. McDaniel, R. Akhavan, P. Catlin, L. Freedle, M. Krasny, R. Reynolds, D. Eller, H. Morrow, J. Finch and H. Stockinger

BE Program Manager: K. Szeliga, C. Trujillo, M. Klopfenstein, and A. Gurulé

The meeting was led by Chairman Les Gruen and the following items were discussed.

1. Chairman Gruen called the meeting to order.
2. Chairman Gruen requested comments on the April 20<sup>th</sup> 2011 Workshop Meeting Notes.
  - No comments were noted.
3. R. Akhavan presented the I-70 Viaduct Monthly Report.
  - R. Akhavan presented a handout which summarized the activity in the last month, the purpose of the PACT and the long range schedule.
    - i. The PACT has moved closer to the preferred alignment decision.
    - ii. There have been 2 public meetings (Denver and Commerce City) and they were well attended. The public continues to “lean” towards maintaining the current alignment due to lower costs and fewer changes to the area.
    - iii. R. Akhavan shared numerous comments received from public meetings supporting either a North or South shift.
    - iv. The shift to the North or South will have impacts and there are positives and negatives for both directions. One of the big impacts is to the Swansea School.
    - v. Denver is putting together an economic analysis for the North/South shift.
  - R. Akhavan pointed out a letter from Director Hunt which addressed funding.
4. B. Stein presented the Proposed 11<sup>th</sup> Budget Supplement.
  - There are 4 structures requesting budget; mostly for ROW or pre-construction dollars.
  - The FY11 budget update may need to revisit additional funding for the AG’s support.
5. B. Stein presented the Resolution for Revising the Policy Allowing Chief Engineer +/- 15% budget adjustment.
  - Ben noted that there were two modifications to the Policy Directive document 703.0: (1) changes relevant to Bridge Enterprise and specifically the +/- 15% budget adjustment authority, and (2) changes not Bridge Enterprise related (eliminated Budget Actions associated with the 7<sup>th</sup> Pot funding) which would be presented to the Transportation Commissioners for approval.
6. P. Hutton presented the Update of Most Deficient Bridges.
  - She explained the AD and completion dates for the remaining 15 bridges.
  - 2 of the 15 Bridges are in the NEPA process.
  - She provided an overview of the remaining 13 structures and items/issues that impact their respective projected completion dates.
7. P. Hutton requested approval to apply for the Highways for Life and Innovative Bridge Research and Deployment Grants. The subject grant applications were to be discussed (with other grants) in a meeting following the Bridge Enterprise workshop.
8. S. McDaniel presented the Schedule Performance Metrics.

- Bridge Enterprise would like to use Key Performance Indicators including: Schedule Performance Index (SPI) and Project Milestones. He explained how the SPI was determined and how to interpret data results. It was noted that a program goal was an SPI > 0.90 during execution.
- Directors Aden and Gruen wanted to know why an SPI > 0.90 was chosen. Director Hunt explained that in his experience 0.90 is an attainable goal on a project of this size and type; where perfect is an SPI of 0.95. These numbers were based upon similar large programs and years of experience. The currently program SPI was 1.17.
- BE is proposing to use this for the monthly program updates; to be completed by project, by region and total program.
- It was noted that SPI tracks project/program status based upon percent complete and not expenditures.
- Director Hunt encourages this program metric change, and CDOT may want to deploy on other programs. He also noted that the baseline used to track the progress of a project can be changed if unforeseen problems crop up. He would like a “change-board” committee to approve the baseline change.

9. The meeting was adjourned.: *End of Meeting Notes*

### **Approval of the Regular Meeting Minutes for April 21, 2011**

#### **Resolution #BE-72**

#### **Approval of Regular Meeting Minutes for April 21, 2011**

BE IT RESOLVED THAT, the Minutes for the April 21, 2011 meeting of the Bridge Enterprise Board of Directors are hereby approved by the Bridge Enterprise Board.

### **Discuss and Act on Resolution to Approve the 11<sup>th</sup> Budget Supplement**

Ben Stein asked for approval of the Budget Supplement.

Chairman Gruen requested a motion. Director Killin motioned for the approval of the Budget Supplement and Director Rogers seconded the motion. On a vote of the Board of Directors, the Budget Supplement was unanimously approved.

### **Discuss and Act on Resolution to Revise policy allowing the Chief Engineer +/- 15% budget adjustment.**

Ben Stein requested approval of the item shown on page 81 in the Official Agenda.

Chairman Gruen requested a motion. Director Erickson motioned for the approval of the Resolution and Director Ortiz seconded the motion. On a vote of the Board of Directors, the following Resolution was unanimously approved.

#### **Resolution Number BE-74**

#### **Revise Budget Adjustment Policy**

**Approved by the Bridge Enterprise Board of Directors on: May 19, 2011**

WHEREAS, The General Assembly created the Bridge Enterprise as a government-owned business within CDOT, pursuant to 43-4-805 C. R. S.; and

WHEREAS, pursuant to 43-4-805 C.R.S., the Bridge Enterprise is to operate as a government-owned business within the Department of Transportation and shall constitute an “enterprise” for purposes of Section 20 of Article X of the Colorado Constitution so long as the Bridge Enterprise retains authority to issue revenue bonds and receives less than ten percent (10%) of its total annual revenues in grants, as defined in C.R.S. 24-77-102(7), from all State and local governments combined; and

WHEREAS, the business purpose of the Bridge Enterprise is to finance, repair, reconstruct, and replace designated bridges in the state; and

WHEREAS, Section 43-4-805(5)(f), C.R.S. authorizes the Bridge Enterprise Board to enter into agreements with the Commission or CDOT; and

WHEREAS, in furtherance of the business purposes of the Bridge Enterprise the Bridge Enterprise Board has determined it is necessary and appropriate to amend CDOT Policy Directive Number 703.0 (Budget Policies for the Transportation Commission). The attached revised Policy Directive document (changes marked accordingly) allows the projects to make a +/- 15% budget adjustment to a previously approved Board budget action; and

WHEREAS, this +/- 15% budget adjustment policy is consistent with other CDOT programs and intended to circumvent potential project delays while awaiting subsequent budget actions.

NOW THEREFORE BE IT RESOLVED, the Bridge Enterprise Board hereby accepts the modifications to the attached CDOT Policy Directive 703.0 for the use and benefit of the Colorado Bridge Enterprise.

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Herman Stockinger  
Secretary, Bridge Enterprise Board of Directors

**Discuss and Act on the Resolution for the Highways for Life and Innovative Bridge Research and Deployment Grant Applications**

Pam Hutton requested approval of the Resolution that was given as a handout with a few changes from the Resolution printed in the Official Agenda.

Chairman Gruen requested a motion. Director Ortiz motioned for the approval of the Resolution with the noted changes and Director Parker seconded the motion. On a vote of the Board of Directors, the following Resolution was unanimously approved.

**Resolution Number BE-75**  
**Highways for Life and Innovative Bridge Research and Deployment Grant Applications**

**Approved by the Bridge Enterprise Board of Directors on: May 19, 2011**

WHEREAS, The General Assembly created the Bridge Enterprise as a government-owned business within CDOT, pursuant to 43-4-805 C. R. S.; and

WHEREAS, pursuant to 43-4-805 C.R.S., the Bridge Enterprise is to operate as a government-owned business within the Department of Transportation and shall constitute an “enterprise” for purposes of Section 20 of Article X of the Colorado Constitution so long as the Bridge Enterprise retains authority to issue revenue bonds and receives less than ten percent (10%) of its total annual revenues in grants, as defined in C.R.S. 24-77-102(7), from all State and local governments combined; and

WHEREAS, the business purpose of the Bridge Enterprise is to finance, repair, reconstruct, and replace designated bridges in the state; and

WHEREAS, Section 43-4-805(5)(f), C.R.S. authorizes the Bridge Enterprise Board to enter into agreements with the Commission or CDOT; and

WHEREAS, the FHWA has notified CDOT of discretionary grant applications associated with the Highways for Life (HfL) and Innovative Bridge Research and Deployment (IBRD) programs, and the Bridge Enterprise may be awarded a funding incentive up to \$2.0M in support of the HfL program if selected, and up to \$400K in support of the IBRD program if selected; and

WHEREAS, per the notification requirements grant applications must be submitted on or before June 3<sup>rd</sup> 2011, and typical HfL and IBRD grant applications may require the Bridge Enterprise to provide matching funds (subject requirement and matching fund amount yet to be determined); and

NOW THEREFORE BE IT RESOLVED, the Bridge Enterprise Board agrees that it is advantageous to submit a grant application for both the HfL and IBRD programs, acknowledges and hereby allows the matching of Bridge Enterprise funds (if required), and delegates to the Chief Engineer final authority to submit an application.

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Herman Stockinger  
Secretary, Bridge Enterprise Board of Directors

### **Monthly Progress Report**

Pam Hutton delivered the following report for May:

MAY 2011

PROGRESS UPDATE

Major Achievements (April Workshop – May Workshop)

- Updated \$300M Program Delivery Plan
  - Cost and Schedule Matrix
  - Bond Allocation Plan
  - Cost-loaded bar chart schedule
  - Financial cost curves / Quarterly draw-down schedules
- FASTER Metrics
  - Standardization between FASTER Safety / Bridge Enterprise
  - Identify Schedule Performance Metrics
- Coordination of Discretionary Grant Applications

- Highways for Life Program
- Innovative Bridge Research and Deployment Program

#### Other

- Coordination of CDOT asbestos/lead-based paint program for BE bridges
  - Identifying bridges yet to be assessed
  - Streamline completion / eliminate potential project delays
- Initial development of conceptual programmatic approach and funding strategy for New Pueblo I-25 EIS (includes Ilex bridges)
- Programmatic acceptance of FHWA SEP-14 (Alternative Contracting Process) on usage of CM/GC contracting
- ROCIP – working with IMA (state insurance broker)
  - Received revised scope of services and pricing proposal
  - Go/no-go decision by mid-June
- New CBE Processes & Procedures (In Progress)
  - Replacing Major Structures with Minor Structures and long-term ownership (i.e., reinforced concrete pipe, galvanized culverts, etc.)

#### MAJOR ACHIEVEMENTS

- Six bridges went to AD
  - F-09-H: R3 US 6 ML over Eagle River\*
  - B-16-AE: R4 US 287 ML over Draw
  - E-17-GE: R6 I-70 ML WBND over Sand Creek\*
  - E-17-BY: R6 I-70 ML EBND over Sand Creek\*
  - E-17-GM: R6 I-76 ML EBND over So Platte River\*
  - E-17-GL: R6 I-76 ML WBND over So Platte River\*

There were a number of charts and graphs included.

Chairman Gruen announced the adjournment of the meeting at 11:18 a.m.

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Herman Stockinger, Secretary  
Colorado Bridge Enterprise Board