

COLORADO BRIDGE ENTERPRISE

Memorandum

Colorado Bridge Enterprise
4201 East Arkansas Avenue, Room 235
Denver, Colorado 80222

DATE: December 7, 2012
TO: Bridge Enterprise Board of Directors
FROM: Ken Szeliga, CBE Program Manager
SUBJECT: Region 4 Project Presentation

CDOT Region 4 recently completed the replacement of Bridge D-28-B (US34 ML over North Fork Republican River) utilizing lateral jacking (slide-in) technology. This was the first time CDOT/Bridge Enterprise ever replaced a structure utilizing this innovative accelerated bridge construction (ABC) technique.

At the December Board meeting, the Region 4 project team (Keith Sheaffer, Brett Locke, and Craig Schumacher) shall present the attached presentation highlighting the application of this ABC technique which addresses the following topics:

- Project background information
- Project Team
- Design and construction challenges
- Lateral slide-in (jacking) technology
- Planning , logistics and execution timeline
- Construction and erection phasing
- Impacts to traveling public
- Lessons Learned