



Metro

MAY 4, 2007

TO: BOARD OF DIRECTORS

THROUGH: ROGER SNOBLE *Carolyn Allen for*
CHIEF EXECUTIVE OFFICER

FROM: RICHARD THORPE *RT*
CHIEF CAPITAL MANAGEMENT OFFICER

SUBJECT: EXPO/METRO BLUE LINE JUNCTION BETTERMENT REQUEST

ISSUE

Metro Rail Operations requested a number of changes to the baseline design for the Mid-City/Exposition Light Rail Project in order to more efficiently operate trains in the event of a failure at the junction between the Exposition Project (Expo) and the Metro Blue Line (MBL). The requested changes are packaged in three different categories ranging from \$2.6 M to \$11.3M. Irrespective of the category chosen, the initial design work in the amount of \$200,000 is necessary to determine which category is the most feasible.

DISCUSSION

In reviewing the Design-Build Contractor's design on the subject project, Metro Rail Operations staff identified and requested a number of changes to the baseline design of the Expo/Metro Blue Line junction. The present design does not provide for electrification, signalization, and remote control operation by Rail Operations Control of the two new adjoining interlocking. This arrangement will significantly improve operational capability in the event of failures at the junction. The three categories are (1) those elements that must be done now to allow enhancements in the future; (2) partial enhancements now with remainder in the future and (3) all enhancements now.

NEXT STEPS

Once the initial design work has been completed, staff will bring forward a recommendation to the Board of which category should to be incorporated during the construction of the Mid-City/ Exposition Light Rail Project in June.