

COUNCIL ACTION FORM

SUBJECT: CYRIDE FACILITY EXPANSION AND FLOOD MITIGATION PROJECT

BACKGROUND:

CyRide has secured funding from Federal and State sources to expand and remodel the existing bus maintenance facility as well as complete flood mitigation measures. Specifically, the following construction would be completed:

Bus Storage Expansion – Currently nine CyRide buses are parked outside each night, since the current storage area is filled. The expansion would construct an eleven bus storage addition that would include an articulated bus maintenance bay to repair the longer buses.

Raising HVAC Ductwork – CyRide’s original bus storage area was constructed during the energy crisis with lower ceiling heights to minimize energy consumption. The hybrid buses are taller than the ductwork. Therefore, the ductwork will be raised to allow these buses throughout the facility.

Flood Protection – During the 2010 Ames flood event, CyRide received approximately one foot of water in its facility. To address this risk, a flood wall will be constructed around the east, north and west portions of the building along with flood gates at the east and west entrances to the building. The south wall of CyRide’s current building was designed to act as a flood wall when it was constructed in 2005. This will allow CyRide to be protected when flooding occurs in the future.

Repairs to the Wash Bay Area – Due to the “wet” nature of the bus wash section of the building, it has deteriorated over the years. As part of this project, the fuel area will be moved and minor repairs made to areas experiencing corrosion.

To accomplish this work, CyRide has accumulated local, State and Federal dollars as follows:

Funds Available	Dollars
Federal Funds (#IA-04-0111)	\$3,024,636
Federal Funds (administered through the IDOT)	\$358,800
State Funds (PTIG Expansion)	\$800,000
State Funds (PTIG Ceiling)	\$600,000
Local	\$1,126,395
Total Available	\$5,909,831

An independent cost estimate was completed by the architectural firm hired to design the building modifications. The above budget will allow for construction, a construction contingency of 8%, and payment of architectural fees.

The attached architectural drawings illustrate the site plan and exterior elevation that has been developed for the project. The expansion area is designed to be environmentally friendly with a goal to achieve a LEED certified rating. Two major components of this rating will rely upon enlarging the existing connection to the neighboring ISU cooling tower's thermal source to heat the addition, and flood mitigation measures that include a landscaped flood wall constructed to an elevation of 903.20 feet above sea level or approximately 3.4 feet above the 100 year flood level. This exceeds the City's current flood protection standards.

This project has been included in the 2012/17 Capital Improvements Plan, and \$1,126,395 for this project has been accumulated in CyRide's Capital budget over the past five years. The project is scheduled to be released on January 2, 2013 with bids due and opened on January 31, 2013. Upon approval, the public hearing, final approval of plans and specifications, and contract award will be scheduled for February 12, 2013.

ALTERNATIVES:

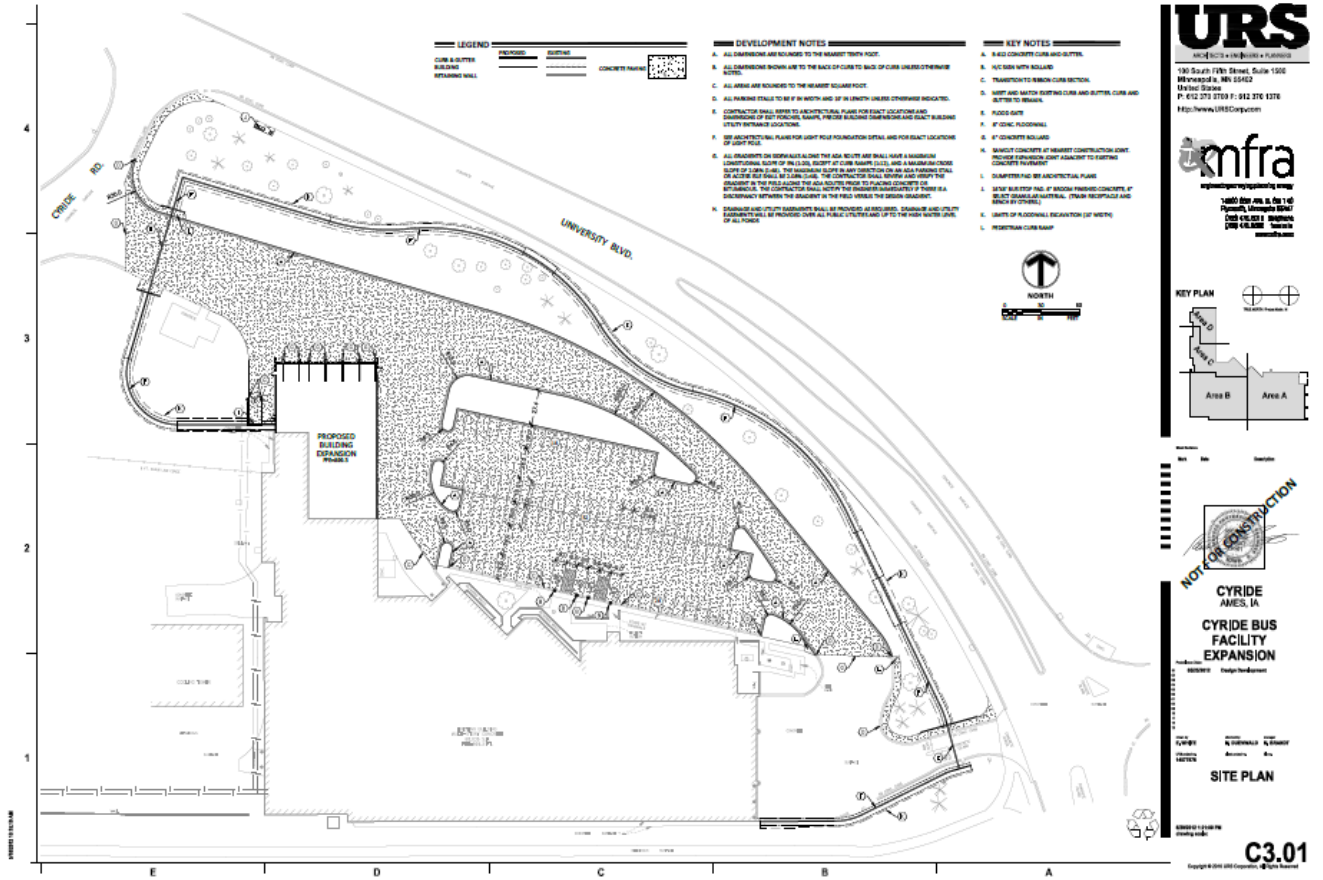
1. Approve preliminary plans and specifications for the CyRide Facility Expansion and Flood Mitigation Project, and establish January 31, 2013, as the bid due date and February 12, 2013 as the date of public hearing and award of contract.
2. Direct staff to continue to work with the architect to refine the project plans.

MANAGER'S RECOMMENDED ACTION:

Improvement of CyRide's facility is vital to its ability to serve the residents and students of Ames. With ISU enrollment and CyRide ridership increasing year after year, significant pressures have been placed on the facility's infrastructure that require modifications to continue providing service at a high level to CyRide's customers.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, thereby approving preliminary plans and specifications for construction of the CyRide Facility Expansion and Flood Mitigation Project, and establishing January 31, 2013 as the bid due date and February 12, 2013 as the date of public hearing and award of contract.

CyRide Site Plan



CyRide Facility Expansion - Exterior Elevation

