




MEMORANDUM

TO: Mayor and Council

FROM: Howard Lazarus, P.E., Director 
Public Works Department

DATE: January 13, 2011

SUBJECT: Ratify Construction Contract for the Mañana Street Culvert

During a 2009 maintenance inspection of the Mañana Street Culvert (the "Culvert"), City staff encountered extensive corrosion and gaps in the steel culvert and the sheet piling acting as wingwalls. Subsequent investigation and engineering analysis led to the conclusion that the severity of the corrosion and gaps is increasing and has progressed to the point where scouring and loss of fill behind the pilings is occurring. In addition, following the September 2010 severe weather event, the deterioration of the bridge worsened such that subsequent rainfalls could make the bridge unsafe by further endangering the structural integrity of the Culvert. The result would present a danger to the traveling public and render 15 homes inaccessible. The deteriorating condition of the Culvert would also hinder access by public safety vehicles and utility repair crews.

As such, the condition of the Culvert constitutes a danger to public health and safety. Staff determined that repairs should be performed as soon as possible to mitigate the safety risks. In October 2010, the Public Works Department issued an Emergency Purchase Affidavit to facilitate the expedited schedule for the necessary repairs.

Jay-Reese Contractors, Inc. provided the lower of two bids received for the work. A contract was executed with Jay-Reese to expeditiously perform the necessary bridge reconstruction. The work includes complete demolition of the existing deteriorated metal culvert and sheet piling and replacement with a new aluminum culvert and concrete headwall and wingwalls.

Construction will begin this week. The current estimated cost is \$406,395.00. A Request for Council Action to ratify the construction contract will be presented to Council on March 3, 2011. If you have any questions or require additional information, please contact me at (512) 974-7190.

cc: Marc Ott, City Manager
Robert Goode, Assistant City Manager
Keri Juarez, Assistant Director, Public Works
Robert Hinojosa, Assistant Director, Public Works