



# City Council Report

**Date:** February 17, 2009  
**To:** City Council  
**Through:** Jack Friedline, Deputy City Manager  
**From:** Beth Huning, City Engineer  
**Subject:** Gilbert Road and University Drive Intersection Reconstruction  
City of Mesa Project No. 01-373-001  
Council District No. 2

## Purpose and Recommendation

The purpose of this report is to provide information to the Council on the Guaranteed Maximum Price (GMP) received for Project No. 01-373-001, Gilbert Road & University Drive Intersection Reconstruction, a Construction Manager at Risk (CMAR) project. Refer to Exhibit "A" for project location.

It is recommended that Council award this project to the CMAR contractor, Hunter Contracting, Inc. in the amount of \$9,195,955.00.

## Background

In June 2002 Council adopted a comprehensive long-range Transportation Plan, which included improvements to the intersection of University Drive and Gilbert Road. In November 2003, the Maricopa Association of Governments (MAG) adopted the Regional Transportation Plan (RTP) that provides for improvements to the region's transportation systems. In May of 2006, voters approved an extension to a countywide sales tax through Proposition 400 to provide a portion of the funding for this project. In early 2006, Hunter Contracting was selected as the CMAR for this intersection widening project and Council approved a contract with Hunter Contracting to assist in the project design.

The project was originally scheduled for construction in March 2007. At that time, the construction was put on hold due to fiscal constraints pending the results of the November 2008 bond election. With the successful 2008 bond election, City staff has been working with the design engineer, Dibble and Associates, and Hunter Contracting to finalize the project plans and develop a GMP. This GMP is the agreed upon price for the construction of this project.

## Discussion

The Gilbert Road and University Drive Intersection Reconstruction project consists of widening the intersection for approximately 1200-feet in all four directions to provide three (3) through lanes with double left turns. This project will include new pavement, curb & gutter, sidewalk, raised landscaped median on Gilbert Road, traffic signals, roadway

lighting and landscaping. Also, the project will relocate Salt River Project (SRP) overhead electric and underground irrigation facilities that are in conflict with the roadway widening. In accordance with a previously approved agreement with SRP, \$400,000.00 in SRP aesthetics funding will be used to pay for portions of electric relocation costs. In addition, the MAG RTP program will reimburse Mesa a total of \$2,756,000 in the year 2021.

Community Impact –The project will result in reduced congestion at the intersection and is expected to reduce traffic accidents. Temporary impacts to the area will include traffic lane restrictions, construction noise and dust, and access restrictions. Once work is started, project completion is anticipated within two hundred forty (240) calendar days.

### **Alternatives**

Alternatives are available for both the project and the contracting method. One alternative would be to not construct the intersection improvements. This is not recommended because the existing intersection does not provide sufficient capacity to meet current and future traffic needs.

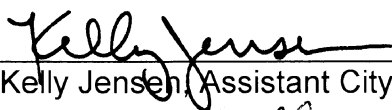
Staff recommended the use of CMAR for this contract due to the complexity of the project and the extensive coordination with various entities that must be performed. Contracting using the CMAR process should result in a reduction in construction change orders and related claims since the CMAR provided input during the design phase.

### **Fiscal Impact**

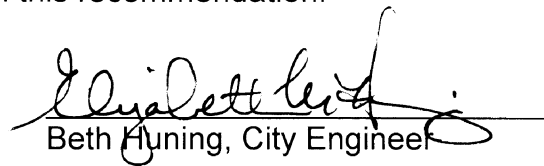
The estimated construction cost with the GMP is \$8,359,959.09 plus an additional \$835,995.91 (10% allowance for change orders) for a total award of \$9,195,955.00. Funding is available from the adopted FY 08/09 Street G. O. Bond Program.

### **Coordinated With**

The Transportation Department concurs with this recommendation.



Kelly Jensen, Assistant City Engineer



Beth Huning, City Engineer

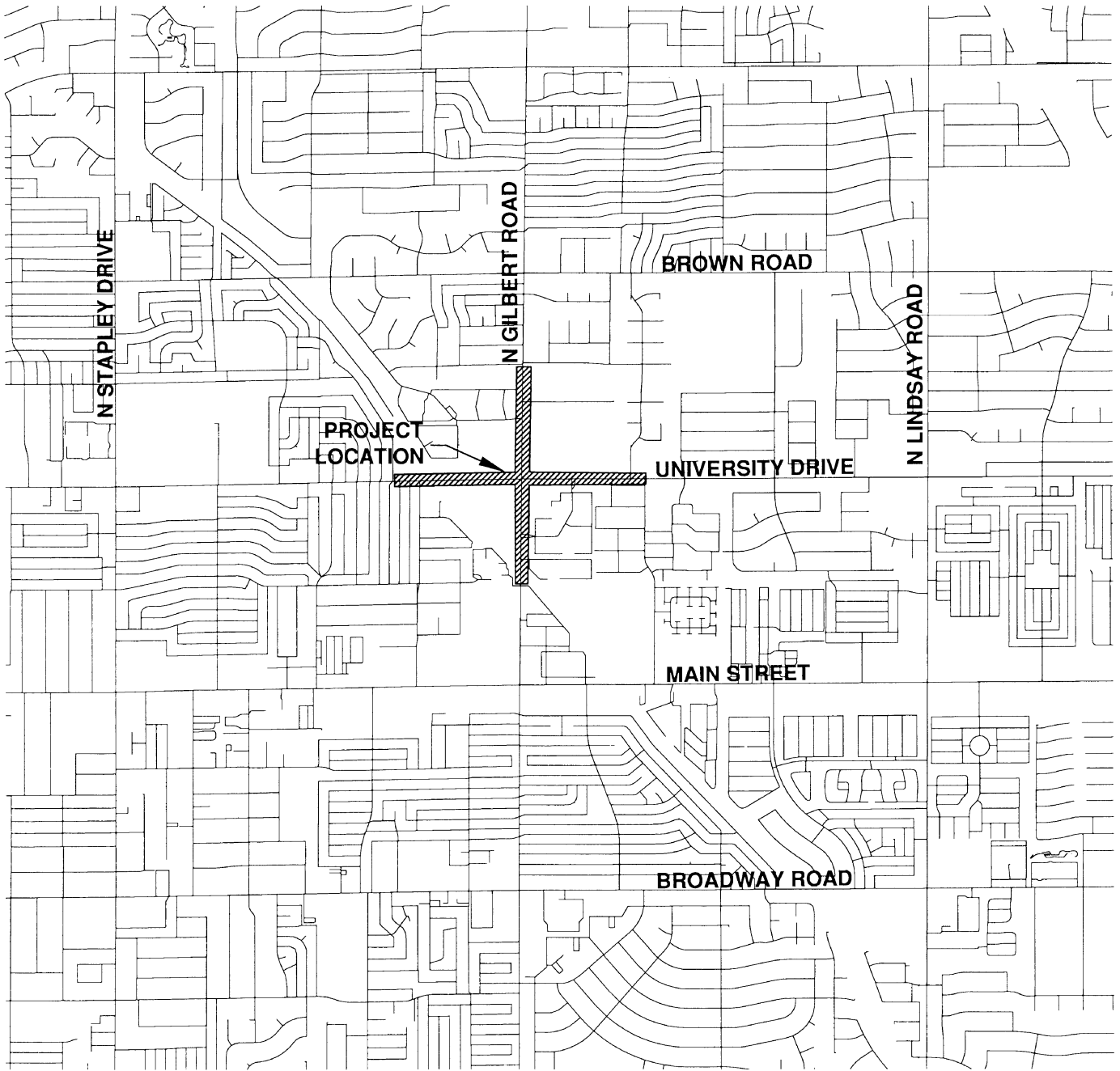


Jack Friedline, Deputy City Manager



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# EXHIBIT "A"



DATE SAVED: 1/27/09 1:\01-373-001 GILBERT-UNIVERSITY INTERSECTION RECONSTRUCTION\CAD\COUNCIL MAP.DWG

## PROJECT LOCATION MAP GILBERT ROAD AND UNIVERSITY DRIVE INTERSECTION RECONSTRUCTION

PROJECT NO. 01-373-01



NORTH  
1" = 2000'