



# City Council Report

**Date:** July 8, 2020  
**To:** City Council  
**Through:** Kari Kent, Assistant City Manager  
**From:** Beth Huning, City Engineer  
Marc Ahlstrom, Assistant City Engineer  
**Subject:** Southern Avenue and Stapley Drive Intersection Improvements  
City Project No. CP0800  
District 4

## Purpose and Recommendation

The purpose of this report is to provide information to the Council concerning the results of bids received for the roadway and intersection improvements along Southern Avenue, from Horne to Harris, and Stapley Drive from the U.S. 60 to 8<sup>th</sup> Avenue.

Staff recommends that Council award a contract for this project to the responsive/responsible bidder, Blucor Contracting Inc. (Mesa Business) in the amount of \$14,252,296.97 and authorize a change order allowance in the amount of \$1,425,229.70 (10%).

## Background

In 2017, a traffic study was completed which evaluated existing capacity and safety concerns at the Southern Avenue and Stapley Drive intersection. The study found that the streets at this location operate at lower levels of capacity during peak hours and anticipates the condition to become worse within the coming years. The study also determined that potential traffic incidents could be mitigated with proposed safety improvements. This project will provide proposed capacity, safety, and street improvements to address these issues. The arterial streets pavement condition in this area are also nearing the end of their life cycle and need replacement.

The City has received authorization for federal funding through the Highway Safety Improvement Program (HSIP) and Surface Transportation Program (STP) administered by the Arizona Department of Transportation. The HSIP program is a program that provides federal funding for recommended safety improvements and the STP program provides funding for general street improvements. This project is also being done in coordination with aesthetics improvements that will be completed by Salt River Project who will be undergrounding existing 12kv power lines along Southern Avenue and Stapley Drive.

## **Discussion**

To address traffic and safety concerns, this project will widen the Southern Avenue and Stapley Drive intersection by adding medians to each street of the intersection, add a third southbound lane from the Southern and Stapley intersection to the U.S. 60 freeway interchange, and provide a dedicated eastbound right turn lane at the Southern and Stapley intersection. Additional improvements include ADA compliant ramps and driveways, new curb and gutter, sidewalk, storm drain, streetlights, traffic signals and other related improvements required for the roadway safety and capacity improvements.

Community Impact – Temporary impacts during construction will include traffic control measures along Stapley Drive from the U.S. 60 to north of 8<sup>th</sup> Avenue and from west of Horne to east of Harris along Southern Avenue. Public access will be maintained to businesses and local streets as required per contract documents. Additional street impacts include potential left turn restrictions, lane closures and other temporary restrictions.

Once underway, construction of this project is anticipated to last no more than 18 months.

## **Alternatives**

An alternative to this project would be to not construct these improvements. This is not recommended given the poor condition of the existing asphalt pavement and the need for safety and capacity improvements.

## **Fiscal Impact**

The total authorized amount recommended for this project is \$15,677,526.67, based upon the lowest responsible bid of \$14,252,296.97, plus an additional \$1,425,229.70 (10%) as a change order allowance. This change order allowance will only be utilized for approved change orders.

This project is funded by the capital budget (Local Street Sales Tax and Transportation Funds) of which 94.3% will be reimbursed by ADOT (Federal) Grant under the HSIP and STP programs.

## **Coordinated With**

The Transportation Department concurs with this recommendation.

CITY OF MESA  
MESA, ARIZONA

Southern Avenue and Stapley Drive Intersection Improvements

**PROJECT NO. CP0800**

Tabulation of Bids Received, Thursday, June 6, at 2:00 PM

<b>ENGINEER'S ESTIMATE</b>	<b>\$15,508,725</b>
1. Blucor Contracting Inc.	\$14,252,296.97
2. Haydon Building Corp.	\$14,772,720.00
3. Combs Construction Company, Inc.	\$15,930,315.16

DATE SAVED: 6/10/20 1:\CP0800 SOUTHERN AVE AND STAPLEY DR. INTERSECTION IMPROVEMENTS (NEW PHASE)\DESIGN\CADD FILES\EXHIBITS\CP0800\_CITY COUNCIL MAP EXHIBIT\_PORTRAIT.DWG



# EXHIBIT "A"



**LOCATION MAP**  
SCALE: 1" = 1,000'

--- Roadway Reconstruction /  
Project Improvement Limits

## City Council Map Exhibit Roadway Improvements CP0800 - Southern Avenue & Stapley Drive Intersection Improvements