

**CITY OF PEORIA, ARIZONA
COUNCIL COMMUNICATIONS**

CC: GR
Amend No. _____

Date prepared: October 13, 2008

Council Meeting Date: November 18, 2008

TO: Carl Swenson, City Manager

THROUGH: Susan Daluddung, Deputy City Manager *SD*

FROM: Andrew Grangel, P. E., City Engineer *AG*

THROUGH: Dan Nissen, P.E., Assistant City Engineer

PREPARED BY: Karl Zook, Civil Engineer *KFZ*

SUBJECT: Contract Amendment No. 1 to Achen-Gardner Engineering, LLC. for a Guaranteed Maximum Price for the Deer Valley Road Drainage and Roadway Improvement Project and the 83rd Avenue and Deer Valley Intersection Project (Solicitation No. P08-0072, Engineering Project Nos. P-0803 and SS-0801).

RECOMMENDATION:

Discussion and possible action to approve Contract Amendment No. 1, adding the Guaranteed Maximum Price (GMP#1) proposal for the Deer Valley Road Drainage and Roadway Improvement Project and the 83rd Avenue and Deer Valley Road Intersection Project to Achen-Gardner Engineering, LLC. in the amount of \$5,332,072.40.

Additionally, Council is asked to grant authorization for expenditure in the not to exceed amount of \$258,736.11 for Owner's Contingency for unforeseen conditions. The total amount of both actions is the not to exceed amount of \$5,590,808.51.

Also, that Mayor and Council approve the following budget actions:

- Transfer \$1,000,000 from the 83rd Avenue and Deer Valley Road Intersection Improvement Project GO Bond Fund Street System Account 4220-4220-543001-CIPST-EN00204CO to the Deer Valley Road Drainage and Roadway Project GO Bond Fund Storm Drain System Account 4220-4220-543004-CIPDR-EN00128CO.
- Transfer \$400,640 within the Deer Valley Road Drainage and Roadway Project from the Land Acquisition Account 4220-4220-540000-CIPDR-EN00128LA to the Storm Drain System Account 4220-4220-543004-CIPDR-EN00128CO.

CITY CLERK USE ONLY:

- Consent Agenda
- Carry Over to Date: _____
- Approved
- Unfinished Business (Date heard previous: _____)
- New Business
- Public Hearing: No Action Taken

ORD. # _____ RES. # _____
LCON# 14108A LIC. # _____
Action Date: _____

SUMMARY:

In recent years, the population growth in Northern Peoria, complemented by recent street projects completed by capital improvement and developer driven projects in this area, have increased traffic volumes along Deer Valley Road between 91st Avenue and 83rd Avenue. Currently this road is a two lane roadway, one lane each direction, with a center median between 91st Avenue and 85th Avenue. The projected growth of traffic volumes, combined with the current background volume, will cause the level of service on Deer Valley Road to degrade to an unacceptable level. The Peoria Transportation Needs Study (TNS) recommends widening Deer Valley Road to five lanes, two lanes each direction with a center two-way left turn lane (TWLTL). Also included in the traffic needs study is a recommendation to improve the 83rd Avenue and Deer Valley Road Intersection to allow for better turning movements and increased vehicle storage at the intersection.

The design and right of way acquisition phases of the project have been completed. The utility coordination phase has also been completed and the relocation phase is in progress and is scheduled to be completed by January 2009. The project is now ready to move in to the construction phase.

Staff recommended the construction of this project be completed by the Construction Manager at Risk (CM@R) alternative delivery method, rather than the conventional design-bid-build method. The CM@R method has been used successfully in recent area projects. The CM@R method is desirable when timing and coordination of the work are critical issues. The completion of this project is critical for the City's transportation needs in rapidly developing Northern Peoria. The CM@R method will enable a more economical and efficient completion of this project.

The contract with Achen-Gardner as the CM@R contractor is being conducted in two phases. The first contract, Phase I, was awarded by Council on June 17, 2008 and established the Pre-construction Services at a not to exceed price of \$116,660.60. The pre-construction services allowed Achen-Gardner to work with the design engineers to develop more complete drawings, eliminate any deficiencies, and suggest alternatives that will result in a complete and higher quality design. Other tasks included with Phase I were the selection and approval of subcontractors, competitive bidding for subcontracts, utility relocation coordination, 60% budget confirmation and basic project coordination with the City, the designer and other stakeholders.

The second contract, Phase 2, GMP#1, is to provide Construction Services for both projects in the amount of \$5,332,072.40. The City would like to maintain a 5% Owners Contingency amount of \$258,736.11 for unforeseen conditions. The total amount of both actions is the not to exceed amount of \$5,590,808.51. A summary of the improvements to be constructed is summarized below:

Council Communication

Deer Valley Rd Drainage and Roadway Improvement Project, SS-0801

83rd Ave and Deer Valley Rd Intersection Project, P-0803

November 18, 2008

Page: 3

Deer Valley Road Drainage and Roadway Improvements, SS-0801

- a.) Four drainage facilities at 90th Ave, 88th Ave, 87th Ave and 86th Ave
- b.) ¾ mile of 5 lane roadway between 91st Ave and 85th Ave
- c.) Street lights on north side
- d.) Rubberized asphalt for noise reduction
- e.) Sidewalk on north side
- f.) Bike lanes

83rd Avenue & Deer Valley Road Intersection, P-0803

- a.) Dual left turn lanes for south bound to east bound traffic
- b.) New right turn lanes for north bound to east bound traffic and west bound to north bound traffic
- c.) 2 new bus pull outs for future rapid transit
- d.) Bike lanes from Deer Valley Rd to Williams Rd

Staff has reviewed the costs included in GMP#1 and recommend approval.

A summary of the revised contract amount is provided below:

Original Contract Amount:	\$ 116,660.60
Contract Amendment #1:	\$ <u>5,332,072.40</u>
Revised Contract Amount:	\$ 5,448,733.00
Owner's Contingency	\$ <u>258,736.11</u>
Total Including Additional Expenditure Authority	\$ 5,707,469.11

FISCAL NOTE:

Payment will be from the following accounts:

Deer Valley Road; 91st Avenue to 83rd Avenue Project, GO Bond Fund, Storm Drain System Account 4220-4220-543004-CIPDR-EN00128CO (\$4,302,355.18)

83rd Avenue and Deer Valley Road Intersection Improvement Project, GO Bond Fund, Street System Account 4220-4220-543001-CIPST-EN00204CO (\$1,288,453.33)

ATTACHMENT:

1. Exhibit - Site Map



WILLIAMS RD

Intersection Widening
@ 83rd Ave & Deer
Valley Rd

4 New Drainage Crossing
@ 90th, 88th, 87th, & 86th Ave

DEER VALLEY RD

Deer Valley Rd Widening
91st Ave to 85th Ave

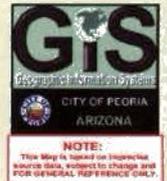
91ST AVE

83RD AVE

LAKE PLEASANT PKWY



City of Peoria
Deer Valley Road Widening





CONTRACT AMENDMENT Change Order

Materials Management
Procurement
8314 W. Cinnabar Ave.
Peoria, AZ 85345
Telephone: (623) 773-7115
Fax: (623) 773-7118
Buyer: Athena Bonner

Solicitation No.: P08-0072 Page 1 of 2
Amendment No.: One (1) Date: October 20, 2008

Project No.: SS-0801, P0803 Agreement Date: June 21, 2008
Project Description: Deer Valley Rd. Widening and Drainage Improvements and 83rd Ave Intersection
Widening Completion Date: April 29, 2009

Change Order Type: Owner Initiated Errors & Omissions Unknown Conditions Phased Award

The changes as shown on the attached sheet are hereby made to the contract.

Contract Price Change:

Original Contract Price:	\$116,660.60
Total of previous change orders:	\$0
Original contract price plus previous change order(s):	\$116,660.60
The contract price due to this change order will be increased/decreased by:	\$5,332,072.40
The new contract price including this change order will be:	\$5,448,733.00

Contract Time Change:

The contract time will be increased by 99 days.
The new date for completion of all work will be August 6, 2009

Contractor hereby acknowledges receipt and agreement. A signed copy shall be filed with the City of Peoria, Materials Management Division.

Signature: [Redacted] Date: 10/23/08
 Typed Name and Title: Dennis Troggio / President
 Company Name: Achen-Gardner Engineering

550 S. 79th Street Chandler AZ 85226
 Address City State Zip Code

Attested By:

Mary Jo Kief, City Clerk

CC Number

LCON 14108A
Contract Number

Official File

Dan Nissen, Assistant City Engineer

Athena Bonner, Contract Officer

Approved By: Herman F. Koebergen, Materials Manager

Approved as to Form: Stephen M. Kemp, City Attorney

The above referenced Contract Amendment is hereby Executed
at Peoria, Arizona

Carl Swenson City Manager

City Seal