CITY OF PEORIA, ARIZONA
COUNCIL COMMUNICATIONS

CC: 13C
Amend No. _____

Date prepared: December 9, 2008 **Council Meeting Date: January 20, 2009**

TO: Carl Swenson, City Manager

THROUGH: Susan Daluddung, Deputy City Manager

FROM: Andrew Granger, P. E., City Engineer

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

PREPARED BY: Karl Zook, P.E., Civil Engineer KZ

SUBJECT: Approve Contract Amendment No. 4 to Premier Engineering for the Deer Valley Road Streets and Drainage Improvement Project (Engineering Project No. SS-0801, LCON01406D)

RECOMMENDATION:

Discussion and possible action to approve Contract Amendment No. 4 (LCON01406D) to Premier Engineering for post design services for the Deer Valley Road Streets and Drainage Improvement Project in the not-to-exceed amount of $68,932. The revised total contract amount as a result of this amendment is $624,829.02.

SUMMARY:

With the design for the Deer Valley Road Streets and Drainage Improvement Project near completion for improvements between 85th Avenue and 91st Avenue, and the Guaranteed Maximum Price (GMP) construction contract with Achen-Gardner Engineering approved on November 18, 2008, it will be necessary to hire the Engineer of Record, Premier Engineering, to ensure the construction phase of the project is adequately constructed. Typically the scope of work for these services has been more extensive than what is being contracted for this project. With the current economic constraints, the Engineering Department has retained more of the construction administration tasks in-house.

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# 01406D **LIC. #**_____
Action Date:

The tasks to be performed by the consultant and included in the proposal are as follows:

1. Conduct project meetings
2. Assist with the review of potential field change orders
3. Potential project claim evaluation
4. Assist with submittal review and responses to requests for information
5. Construction staking
6. As-built drawing processing

The following is a summary of the revised Premier Engineering contract amount:

Original Contract Amount	$306,420.02
Contract Amendment No.1	$213,300.00
Contract Amendment No.2	$ 18,294.00
Contract Amendment No.3	$ 17,883.00
Contract Amendment No.4	$ 68,932.00
Revised Contract Amount	$624,829.02

FISCAL NOTE:

Payment will be from the GO Bond Fund Street System Account No. 4220-4220-543004-CIPDR-EN00128CO in the not-to-exceed amount of $68,932.

ATTACHMENTS:

1. Attachment A – Previous Contact Amendments/Background Information
2. Area Map

DN:KZ:db
I:\PROJECTS\SS-0801 83rd and Deer Valley Intersection\Contract Information\Premier\CA #4 - Post Design Services\cc_Premier CA #4_012009.docx

Attachment A

Deer Valley Road Streets and Drainage Improvements
91st Avenue to 83rd Avenue

Base Contract - Design Concept Report

On February 7, 2006, the City, in cooperation with Maricopa County Department of Transportation (MCDOT) hired Premier Engineering in the amount of $306,420.02 to conduct a DCR. As a result of the DCR, nine alternatives were determined by Premier Engineering to appropriately convey the projected run off and improve roadway conditions along Deer Valley Road between 91st Avenue and 83rd Avenue. These alternatives ranged from a "do nothing" alternative to a five lane arterial cross section including a bike lane in each direction and an auxiliary lane on the north side of Deer Valley Road. The recommended alternative #3 included an ultimate cross section of five lanes and bicycle lanes in each direction with the roadway centerline off set four feet to the north, street lights, sidewalks, landscaping, right-of-way acquisition, drainage improvements and annexation of the north section of Deer Valley Road between 91st Avenue and 85th Avenue.

Contract Amendment No. 1 - Design Contract

Approved on July 10, 2007, Contract Amendment No. 1 awarded the design of the street and storm drain improvements for the widening of one mile of Deer Valley Road from 83rd Avenue to 91st Avenue to Premier Engineering. The Deer Valley Road improvements are considered to be the "interim" improvements consisting of pavement, curbs on both sides, storm drainage, pavement striping and signage for five lanes (two lanes in each direction, bike lanes between 91st Avenue and 85th Avenue, and a center turn lane), right-of-way acquisition required to accommodate the drainage improvements at the intersections of 90th Avenue, 89th Avenue, 88th Avenue, 87th Avenue and 86th Avenue, drainage structures will be designed at four intersections to allow for water from the north side of Deer Valley Road to be properly conveyed to the existing drainage channel on the south side of Deer Valley Road. The new drainage structures will occur at 86th, 87th, 88th and 90th Avenues. The drainage structure planned to cross Deer Valley Road at 89th Avenue will be constructed as part of the 89th Avenue and Williams drainage project, SS-0503.

Contract Amendment No. 2

Approved on September 15, 2008, Contract Amendment No. 2 addressed County and City residents that have direct access from Deer Valley Road to the Mt. Zion Lutheran Church and the Sunrise Mountain Baptist Church have traffic conflicts to their existing parking lots from Deer Valley Road.

Several coordination meetings between Premier Engineering, the City, the County and the property owners were conducted to discuss the access issues and develop solutions that would be acceptable to both property owners. Recommended solutions are as follows:

The Mt Zion Lutheran Church - exiting traffic from the front circular drive required a new drive onto 89th Ave as shown on the attached exhibit. The new driveway will better accommodate turning movements from west bound traffic approaching 89th Avenue.

The Sunrise Mountain Baptist Church - improvements will consist of changing the layout and restriping the existing parking lot, constructing additional asphalt along the west drive of the church to allow for two way traffic, and modifications to the site wall that borders Deer Valley Road.

Both property owners have expressed their willingness to grant Temporary Construction Easements (TCE's) to allow construction of these improvements to take place. Attached are exhibits A and B showing the proposed improvements to be made to the two properties.

Premier Engineering submitted a proposal (contract Amendment No. 2) identifying the additional design service tasks necessary to accomplish the access improvements identified above

Contract Amendment No. 3

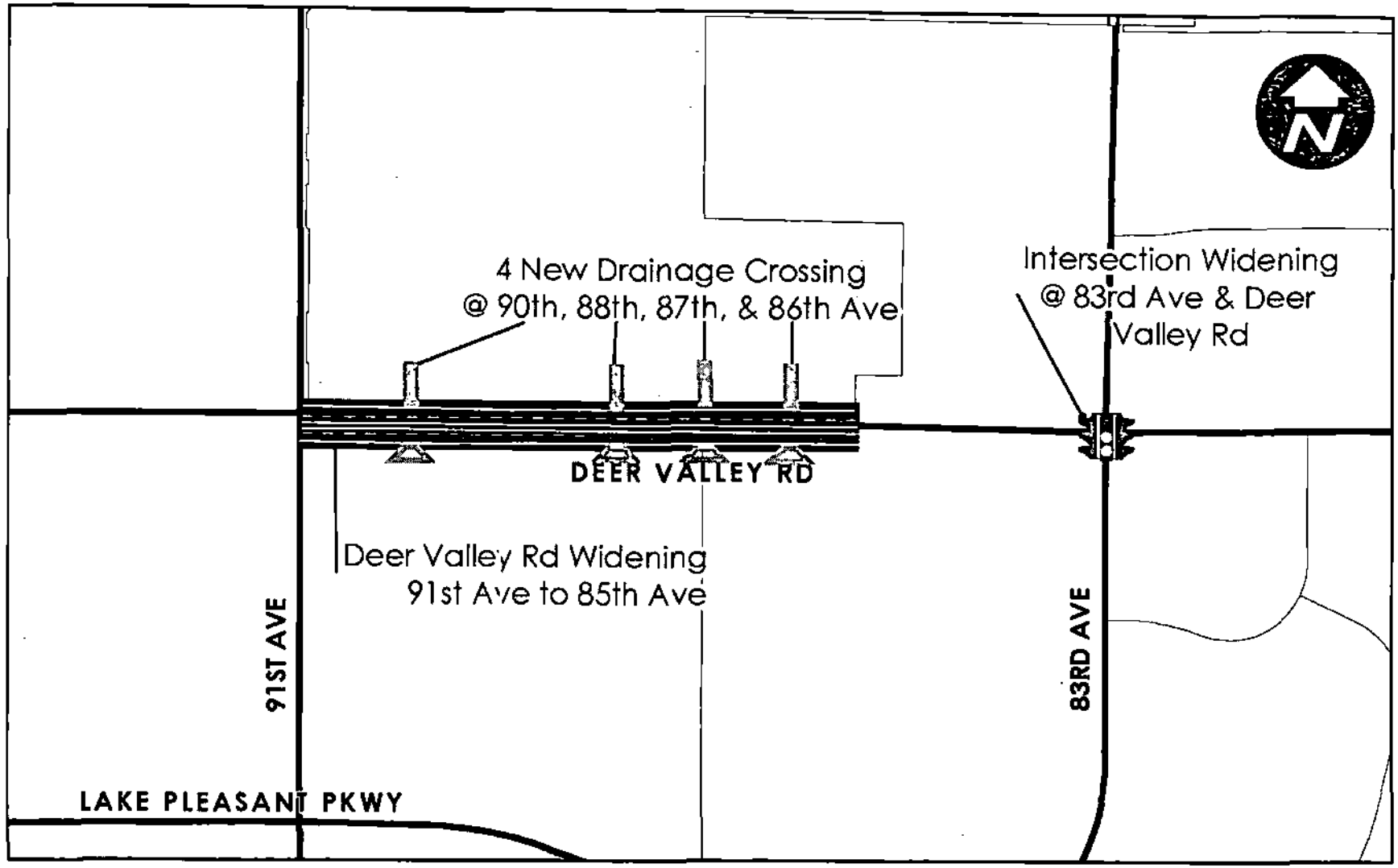
Typically, when the City of Peoria (City) budgets for new widening improvements along major arterial roadways, the standard improvements will include sidewalk, landscaping and street lights. However, the City did not plan to construct these improvements adjacent to the county island along the north side of Deer Valley Road between 91st Avenue and 85th Avenue.

During the design phase and with input from the Construction Manager @ Risk (CM@R), savings was identified in the project budget. Staff obtained authorization from the CIP Management Committee to expend funds to construct interconnect conduit, street lights, sidewalk, and landscape/irrigation along the north side of Deer Valley Road between 91st Avenue and 85th Avenue (County Island). The goal is to construct this section of Deer Valley Road to the City's urban section and make it look similar to the remainder of the project.

Additional design services for the street lights and traffic signal interconnect conduit will be necessary for the CM@R to properly install the items.

Premier Engineering identified the following additional design services to be necessary:

Work with the Electrical Engineer (DMJM Harris) to prepare lighting plans and Interconnect Plans



City of Peoria

Deer Valley Road Widening

CONTRACT AMENDMENT
Change Order

Solicitation No.: P05-0099 Page 1 of 1

Amendment No.: Four (4) Date: December 9,2008

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

Project No.: SS-0801 Agreement Date: February 9, 2006

Project Description: Deer Valley Rd. Drainage - 91st Ave to 83rd Ave. Completion Date: June 30, 2009

This amendment adds design services. Work is to be performed in accordance with the attached Premier Scope of Work and Fee dated September 29, 2008 (29 pages) are hereby added to the contract for the not to exceed price of $68,932.00.

Contract Price Change:

Original Contract Price:	$306,420.02
Total of previous change orders:	$249,477.00
Original contract price plus previous change order(s):	$555,897.02
The contract price due to this change order will be **increased**/decreased by:	$68,932.00
The new contract price including this change order will be:	$624,829.02

Contract Time Change:

The new date for completion of all work will be June 30, 2009

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

[redacted]	12/16/08	Fadi Jalaghi Sr. Vice President / Principal	Premier Engineering Corp.
Signature	Date	Typed Name and Title	Company Name

6437 W. Chandler Blvd., Ste. 1	Chandler	Arizona	85226
Address	City	State	Zip Code

Attested By:

Mary Jo Kief, City Clerk

13C 012009
CC Number

LCON 01406D
Contract Number

Dan Nissen, Assistant City Engineer

Athena M. 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

Official File

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