CITY OF PEORIA, ARIZONA
COUNCIL COMMUNICATIONS

CC: 12 C
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 KFZ

SUBJECT: Approve Contract Amendment No. 4 to Premier Engineering for the 83rd Avenue and Deer Valley Road Intersection Project (Engineering Project No. P-0803, LCON06107D))

RECOMMENDATION:

Discussion and possible action to approve Contract Amendment No. 4 (LCON06107D) to Premier Engineering for post design services for the 83rd Avenue and Deer Valley Road Intersection Project in the not-to-exceed amount of $40,916. The revised total contract amount as a result of this amendment is $228,204.

SUMMARY:

With the design for the 83rd Avenue and Deer Valley Road Intersection Project near completion, 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. The tasks to be performed by the consultant and included in the proposal are as follows:

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# 06107D **LIC. #**_____
Action Date:

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

FISCAL NOTE:

Payment will be from the GO Bond Fund, Street System Account No. 4220-4220-543001-CIPST-EN00204CO in the not-to-exceed amount of $40,916.

A summary of the revised contract amount is provided below:

Original Contract Amount:	$130,325
Contract Amendment #1	$ 13,094
Contract Amendment #2	$ 12,085
Contract Amendment #3:	$ 31,784
Contract Amendment #4	$ 40,916
Revised Contract Amount:	$228,204

ATTACHMENTS:

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

DN:KZ:db
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Attachment A

83rd Avenue and Deer Valley Road
Intersection Improvements

Design Contract

On February 7, 2006, the City of Peoria (COP) and Maricopa County Department of Transportation (MCDOT) commissioned Premier Engineering to prepare a Design Concept Report (DCR) for evaluating alternatives for widening and drainage improvements along Deer Valley Road from 83rd Avenue to 91st Avenue. The DCR was completed in February 2007 and was prepared by Premier Engineering Corporation.

The DCR recommended that certain interim intersection widening improvements be constructed at 83rd Avenue and Deer Valley Road in order to improve the operation and safety of the intersection. The purpose of this design services contract is to provide the design for these improvements as outlined below.

Currently, Deer Valley Road is classified as a minor arterial and 83rd Avenue is classified as a major arterial. The intersection has two through lanes each direction, single left turn lanes and a separate right turn lane for eastbound to southbound. The proposed project will include:

- Design services and right-of-way acquisition to accommodate dual southbound to eastbound left turn lanes.
- Design services and right-of-way acquisition to accommodate a separate westbound to northbound right turn lane.
- Design services for traffic signal modifications required to widen the intersection.

On July 10, 2007 Mayor and Council Agreed to contract with Premier Engineering to proceed with the design of the 83rd Avenue and Deer Valley Intersection project. Since that time, several contract modifications have occurred to allow for enhancements to the project that have occurred since the DCR has been completed.

Contract Amendment No. 1

In August 2007, the City of Peoria identified a need in the Bus Pull Out Inventory Report to implement fixed route bus service as part of an "Early Start" plan designed to incorporate elements of the 2003 MAG Regional Transportation Plan in the near future. This report primarily focuses on the capital improvement costs associated with constructing bus pullouts in one mile intervals at most major intersections along each proposed route. A portion of the report showed the 83rd

Avenue and Deer Valley intersection requiring two bus pull outs. In anticipation of this need, the design team and Engineering staff found it prudent to incorporate the bus stops into the design of the intersection improvements.

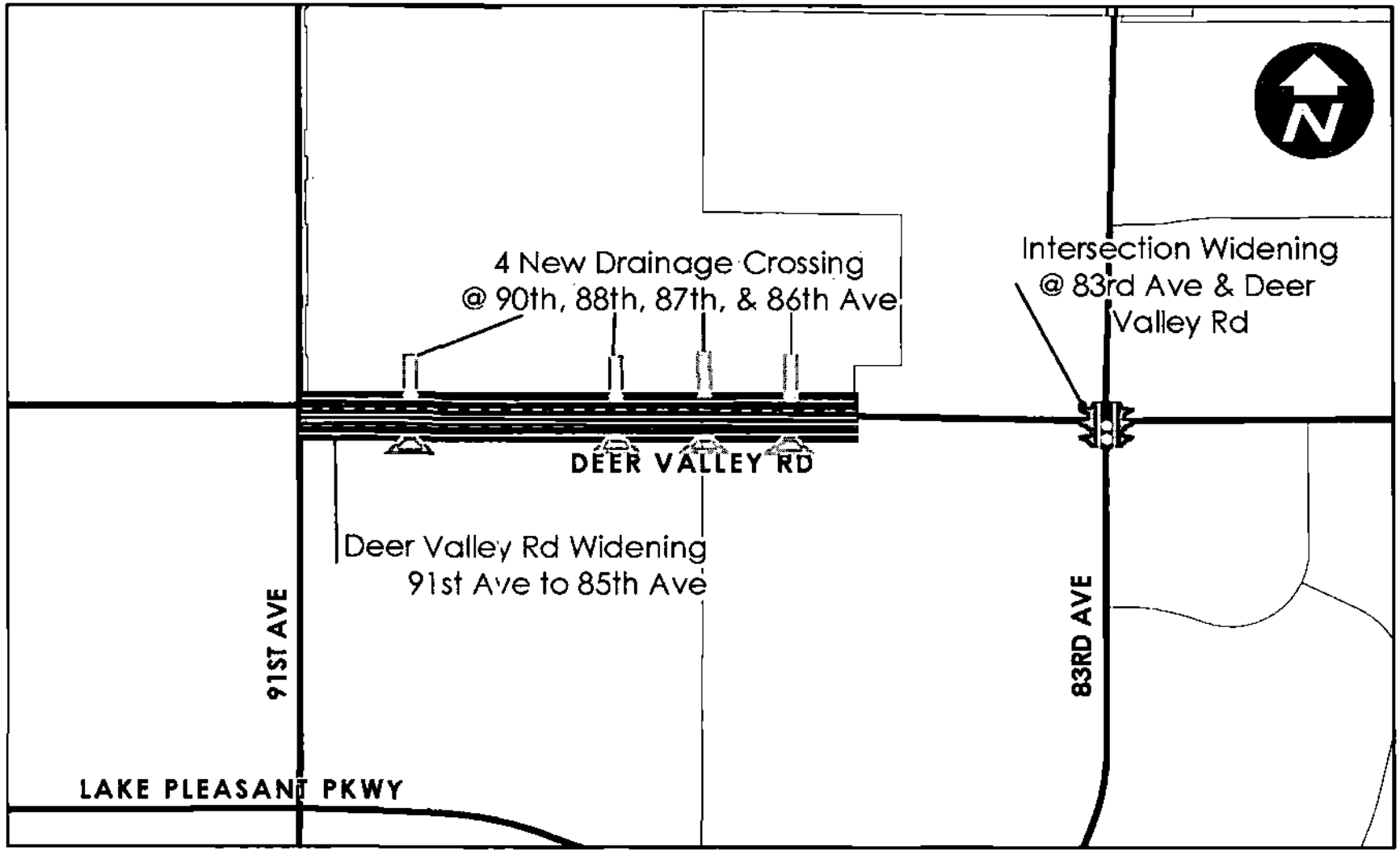
Contract Amendment No. 2

In May 2008, the City of Peoria identified a few areas in close proximity to the intersection project along Deer Valley Rd that were not addressed in the original programming. One area was the drainage at the 91st Avenue and Deer Valley Road intersection. Engineering has experience some ponding in the vicinity in recent years and found it to be necessary to address any remediation with this project. The initial step would be to conduct additional survey just north, south and within the intersection to verify existing grade conditions.

Also seen as a necessity was to address some areas just west of the intersection at the 85th Avenue & Deer Valley Road alignment. On the north side of Deer Valley Road between 85th Avenue and 83rd Avenue exists drainage concerns with ponding due to pour tie in with existing retention areas. Also a concern with a need for a deceleration lane for an existing drive that will now see more traffic with the overall roadway now having a 5 lane cross section extending further west than the existing alignment.

Contract Amendment No. 3

Currently, two Capital projects that have improvements along 83rd Avenue are incorporating bike lanes with the roadway paving. These two projects; the Happy Valley Road project and the 83rd Avenue widening project are just north of the 83rd Avenue and Deer Valley Road Intersection project. The Engineering Department discovered that once the Happy Valley Project and the 83rd Avenue Widening project are complete, a ½ mile gap of bike lanes would exist between Deer Valley Road and Williams Road. With the 83rd Avenue and Deer Valley Road intersection project already including improvements up to approximately 350 feet north of the Deer Valley Road centerline, it would not take much more effort to continue up to Williams Road where the 83rd Avenue Widening project will terminate. The 83rd Avenue widening project, (P-0708) will be incorporating bike lanes from where the intersection project terminates and will continue up to the Hatfield Road across the street to the north. At that point, the Happy Valley Road project will continue with bike lanes up to just north of the 83rd Avenue and Happy Valley Road intersection. This will allow for approximately 2 miles of continuous bike lanes from Deer Valley Road to Happy Valley Road



City of Peoria

Deer Valley Road Widening

CONTRACT AMENDMENT
Change Order

Solicitation No.: P07-0105 Page 1 of 2

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.: P-0803

Agreement Date: July 30, 2007

Project Description: 83rd Ave and Deer Valley Rd. Intersetion Improvement Design Services

Completion Date: n/a

Change Order Type: ☒ Owner Initiated ☐ Errors & Omissions ☐ Unknown Conditions

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

Contract Price Change:

Original Contract Price:	$130,325.00
Total of previous change orders:	$56,963.00
Original contract price plus previous change order(s):	$187,288.00
The contract price due to this change order will be **increased**/decreased by:	$40,916.00
The new contract price including this change order will be:	$228,204.00

Contract Time Change:

The contract time will be increased by 0 days.

The new date for completion of all work will be n/a

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

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

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

Attested By:

Mary Jo Kief, City Clerk

12 C 012009
CC Number

LCON 06107D
Contract Number

Department: Dan Nissen, Assistant City Engineer

Buyer: 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

Official File

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