



**PURCHASING ITEM  
FOR  
COUNCIL AGENDA  
Memo No. CA07-286**

**1. Agenda Item Number:**

**37**

**2. Council Meeting Date:**  
June 28, 2007

**TO: MAYOR & COUNCIL**

**3. Date Prepared:** June 11, 2007

**THROUGH: CITY MANAGER**

**4. Requesting Department:** Public Works

**5. SUBJECT:** Approval of Contract Amendment No. 4 in the amount of \$31,116 to the design services contract with Stantec Consulting, Inc. for the Dobson Road – Warner Road Intersection Improvements, Project No. ST0401-201, for a revised contract total of \$818,473.

**6. RECOMMENDATION:** Staff recommends Council approve Contract Amendment No. 4 in the amount of \$31,116 to the design services contract with Stantec Consulting, Inc. for the Dobson Road – Warner Road Intersection Improvements, Project No. ST0401-201, for a revised contract total of \$818,473.

**7. BACKGROUND/DISCUSSION:** This contract amendment will allow for the supplementary engineering design costs associated with the scope of work changes requested by the project stakeholders, which include citizens and businesses. Modifications include median landscape design to add palm trees and electrical lighting enhancements within the landscape medians similar to the recently completed Chandler Boulevard – California Street to Colorado Street project. The fee includes electrical design services for the median landscape lighting and modifications to roadway plans and technical specifications.

This contract amendment includes 20 additional utility potholes per the request of SRP, Qwest, Cox and Southwest Gas and an update to the Phase 1 Environmental Site Assessment. The original Phase 1 Environmental Site Assessment expired on June 6, 2007. This update is required to complete right of way acquisition. The project is currently in design and is tentatively scheduled to start construction in Spring 2008 with a construction duration of approximately nine months.

**8. EVALUATION:** Stantec Consulting, Inc. was selected in accordance with established City policies and procedures. Council awarded the engineering services contract on August 28, 2003. Council awarded contract Amendment No. 2 on October 10, 2006.

**9. FINANCIAL IMPLICATIONS:**

Total Design Contract:		\$691,500
Contract Amendment No. 1:	(3.5%)	\$ 24,700
Contract Amendment No. 2:	(10.3%)	\$ 71,157
Contract Amendment No. 3:		Time extension only
Contract Amendment No. 4:	(4.5%)	\$ 31,116
Revised Contract Amount:		\$818,473
Savings:		N/A
Long Term Costs:		N/A

**Fund Source:**

<u>Acct. No.:</u>	<u>Fund Name:</u>	<u>Program Name:</u>	<u>CIP Funded:</u>	<u>Amount:</u>
411.3310.0000.6517.6ST313	GO Bonds-Streets	Dobson/Warner	FY05/06	\$31,116

**10. PROPOSED MOTION:** Move that Council approve Contract Amendment No. 4 in the amount of \$31,116 to the design services contract with Stantec Consulting, Inc. for the Dobson Road – Warner Road Intersection Improvements, Project No. ST0401-201, for a revised contract total of \$818,473, and authorize the Mayor to sign the contract documents.

**ATTACHMENTS:** Location Map, Contract Amendment

**APPROVALS**

**11. Requesting Department**



Michael Normand, Acting Assistant Public Works Director/Transportation & Operations

**13. Department Head**



Daniel W. Cook, Acting Public Works Director

**12. City Engineer**



Sheina Hughes, Acting Assistant Public Works Director/City Engineer

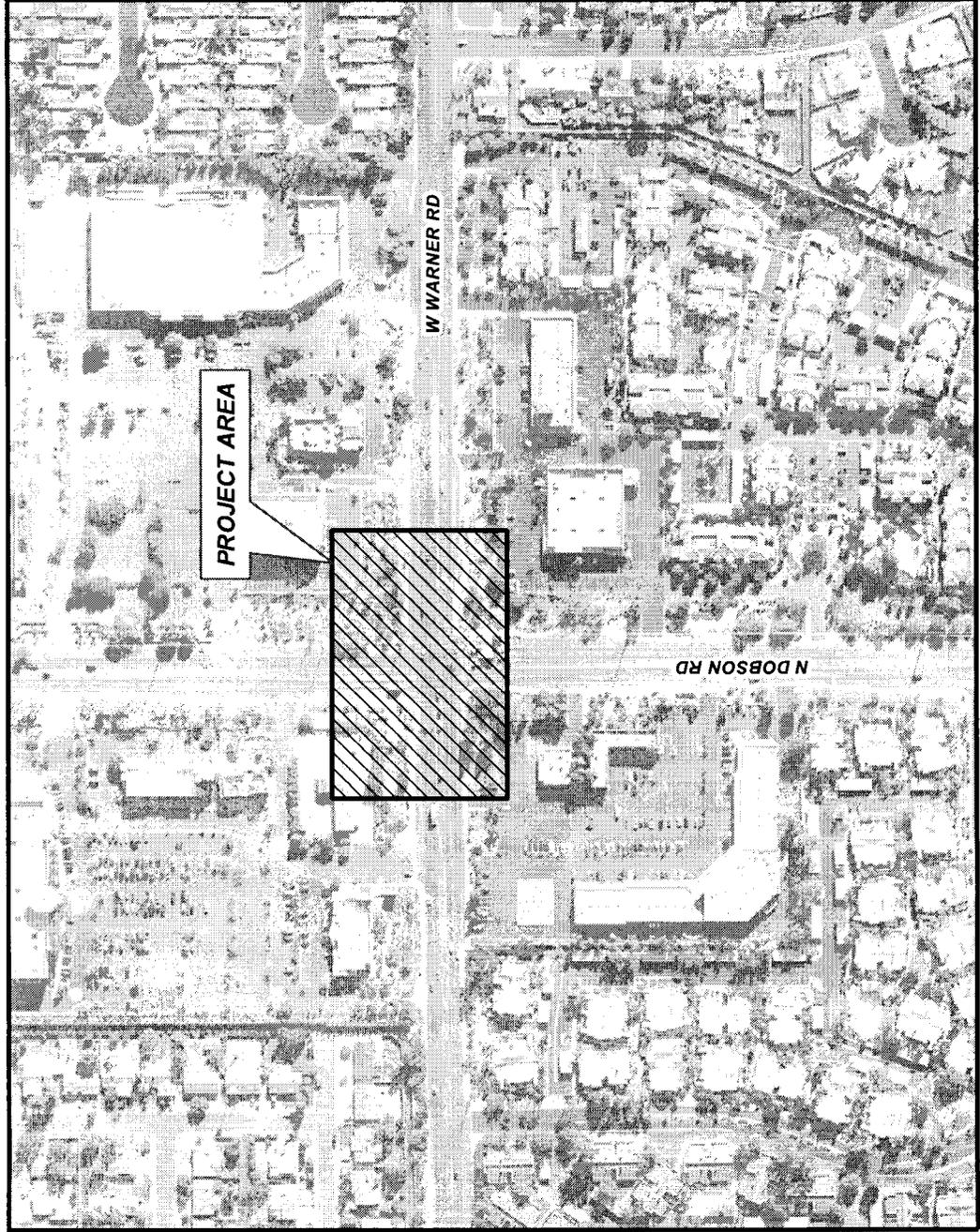
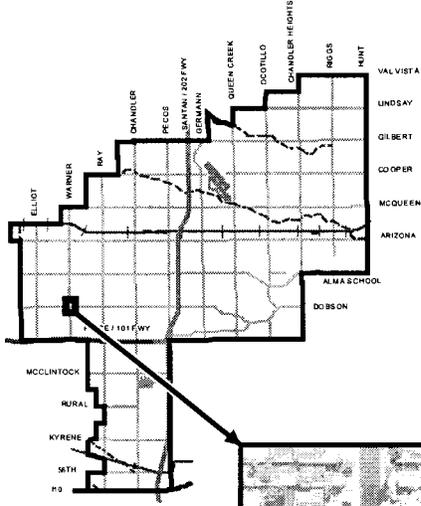
**14. City Manager**



W. Mark Pentz



# DOBSON RD AND WARNER RD INTERSECTION IMPROVEMENTS PROJECT NO. ST0401-201



MEMO NO. CA07-286

CONTRACT AMENDMENT NO. 4

 INTERSECTION IMPROVEMENTS



NTS  
ChandlerGIS



Chandler Arizona

AMENDMENT NUMBER 4

Project Name: Dobson Road/Warner Road Intersection Improvements  
Project No.: ST0401-201

This Amendment No. 4 to that certain Agreement Between the City Of Chandler (CITY) and Stantec Consultants, Inc., an Arizona Corporation, for Dobson Road/Warner Road Intersection Improvements dated 19, September, 2003 is entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2007.

WHEREAS the parties have determined that it is necessary and desirable for DESIGN CONSULTANT to perform additional services for CITY;

NOW THEREFORE, the parties agree as follows:

1. Section 2 of the above referenced Agreement is hereby amended by adding additional scope of work as described in more detail in Exhibit A attached hereto and incorporated herein by reference.
2. Section 3 of the above reference Agreement is hereby amended by increasing the total Contract Price by an amount not to exceed the sum of Thirty One Thousand One Hundred Sixteen dollars (\$31,116) all payable in accordance with Exhibit B, for a total Contract Price not to exceed the sum of Eight Hundred Eighteen Thousand Four Hundred Seventy Three dollars (\$818,473).
3. All other terms and conditions of the above referenced Agreement shall remain unchanged and in full force and effect.

IN WITNESS WHEREOF, the parties have hereunto subscribed their names this \_\_\_\_\_ day of \_\_\_\_\_, 2007.

CITY OF CHANDLER:  
By: \_\_\_\_\_  
MAYOR Date

DESIGN CONSULTANT:  
By: *W. J. ...*  
Title: *6/13/07 Principal*  
ATTEST: (If corporation)

APPROVED AS TO FORM:  
\_\_\_\_\_  
City Attorney *J...*

\_\_\_\_\_  
Secretary  
WITNESS: (If Individual or Partnership)

ATTEST:  
\_\_\_\_\_  
City Clerk

SEAL

**ACKNOWLEDGE BY:**

\_\_\_\_\_  
User Department Signature: Date:

\_\_\_\_\_  
Title

\_\_\_\_\_  
Recommended: CITY ENGINEER Date

\_\_\_\_\_  
Recommended: DEPARTMENT DIRECTOR Date:

Amendment No. 4 cont.

Project No. ST0401-201

**THESE CHANGES RESULT IN THE FOLLOWING ADJUSTMENTS OF CONTRACT PRICE AND TIME**

<b>ORIGINAL CONTRACT AMOUNT</b>	<u>\$ 691,500</u>
<b>CURRENT CONTRACT PRICE PRIOR TO THIS AMENDMENT</b> (Including previous amendments)	<u>\$ 787,357</u>
<b>NET INCREASE / DECREASE</b> (Resulting from this amendment)	<u>\$ 31,116</u>
<b>REVISED CONTRACT PRICE</b> (Including this amendment)	<u>\$ 818,473</u>
<b>AMENDMENT PERCENTAGE</b> (Of original contract price)	4.5%
<b>CONTRACT TIME PRIOR TO THIS AMENDMENT</b> (Including previous amendments)	
	<u>1,420</u> (Days or Date)
<b>NET INCREASE/DECREASE</b> (Resulting from this amendment)	<u>(Days or Date)</u>
<b>REVISED CONTRACT TIME</b> (Including this amendment)	<u>8/13/07</u> (Days or Date)
THIS AMENDMENT No. _____	Does not Require Council Approval: Less than \$30,000* <u>      </u>
	More than \$30,000 but less than 10% of Contract* <u>      </u>
THIS AMENDMENT No. 4	Requires Council Approval Greater than \$30,000* <u>      X      </u>
	Greater than 10% of Contract * <u>      </u>
*Including City Manager approved Amendments	
<b>ORIGINAL CONTRACT COUNCIL DATE:</b> 8/28/ 03 <b>ITEM NO.:</b> 9 <sub>1</sub> <b>if applicable</b>	
<b>COUNCIL APPROVAL:</b> _____ <b>ITEM NO:</b> _____, <b>if applicable</b>	

CC: City Clerk    User Dept    Project Mgr    Consultant    Project Anaylst    File

EXHIBIT A  
SCOPE OF WORK

**Landscape Architectural Services**

The scope of additional Landscape Architectural services to be provided by Design Consultant shall be as follows:

1. Modify current median landscape planting and irrigation design to be consistent with the Chandler Boulevard / Arizona Avenue median landscape design that includes palm trees.
2. Assist with the preliminary coordination of City requested landscape up-lighting and electrical receptacles and median landscape layout design.

**Electrical Design Services for Median Landscape Lighting**

The scope of additional Electrical Design services to be provided by Design Consultant shall be as follows:

1. Electrical design of four new lighting circuits to feed 11 median up-lights and 11 receptacles in tree wells, load center cabinets and connections to Salt River Project – Power (SRP) for electrical features in median landscaped areas. The up-lighting and receptacle control circuits will consist of two lighting contactor control relays, one to turn on the receptacles, and one to turn on the up-lights. A photometric contactor and a two position time clock controller relay will be provided to allow the City to turn on and off the up-lights and receptacles or to allow the circuits to operate with a photo electric cell. The design will include two selector switches to turn on or off the circuits manually or automatically. The lighting controller system will be housed in a NEMA 3R box, which will be located next to the SES.
2. Coordinate new electrical design with the City and SRP to determine if landscape up-lighting and receptacles can use the same point of electrical service as landscape irrigation controllers, including the use of the same service cabinet.
3. Coordinate conduit runs with the landscape irrigation design to utilize as much joint trench as possible.
4. Modify the street lighting design plans to include these features along with any additional details and schematics necessary to support the design.

**Modifications to Roadway Plans and Technical Specifications**

The Design Consultant has estimated that five (5) roadway plan sheets will be revised to reflect additional construction notes and line work associated with trench cuts for all underground conduits serving the median. The Design Consultant will provide QA/QC of plans, coordination and plan review with SRP's 12kV design, and base sheet updates to reflect new landscape irrigation and median lighting design. The Design Consultant shall include special provisions to reflect additional landscape and lighting design work.

**Pothole Services**

The Design Consultant shall perform 20 additional potholes up to depth of 8 feet for a price of \$500 per pothole per SRP, Qwest, Cox and Southwest Gas request between the project improvements and their respective facilities. This cost will include providing survey staking and traffic control. Cost of potholing an additional 20 potholes for the project is:

$$20 \text{ potholes} \times \$500/\text{pothole} = \$10,000.00$$

## **Phase I ESA Update**

The scope of additional Phase I ESA services to be provided by Design Consultant shall be as follows:

1. Perform site visit reconnaissance within the project limits in accordance with ASTM Standards.
2. Update environmental records database within the project limits in accordance with ASTM Standards.
3. Provide an ESA update addendum to the City Environmental Management Services Office.

EXHIBIT B  
FEE SCHEDULE

SCOPE OF WORK	Project Principal	Project Manager	Project Engineer	Design Engineer	Design Tech	Chief of Surveys	Survey Crew	Clerical	Total Hours
1. Revise 5 Sheets			6		8				14
2. Utility Coordination		6	4						10
3. Technical Specifications		6							6
4. Phase I ESA Update		4	16						20
									0
Total Hours	0	16	26	0	8	0	0	0	50
Hourly Rate	\$146.00	\$137.00	\$116.00	\$96.00	\$88.00	\$92.00	\$110.00	\$53.00	
Design Cost	\$0.00	\$2,192.00	\$3,016.00	\$0.00	\$704.00	\$0.00	\$0.00	\$0.00	
Sub-Total Stantec Design Cost									\$5,912.00
McCloskey Peltz Design Cost									\$5,420.00
Stanley Consultants Design Cost									\$9,459.00
HMS Construction Pothole Cost									\$10,000.00
Database Search									\$225.00
Supplies/Printing									\$100.00
<b>TOTAL COST DESIGN SERVICES</b>									<b>\$31,116.00</b>