



**PURCHASING ITEM  
FOR  
COUNCIL AGENDA  
CP15-051**

**1. Agenda Item Number:**

**19**

**2. Council Meeting Date:**  
August 14, 2014

**TO: MAYOR & COUNCIL**

**3. Date Prepared:** July 23, 2014

**THROUGH: CITY MANAGER**

**4. Requesting Department:** Transportation & Development

**5. SUBJECT:** Contract amendment to Sunrise Engineering, Inc., for Boston Street Block Design

**6. RECOMMENDATION:** Staff recommends City Council approve Amendment No. 1 to a Project Agreement with Sunrise Engineering, Inc., Project No. GG1301.201, for the Boston Street Block Design, to determine the feasibility of water and sewer being added in the future and for design coordination with dry utilities, in an amount not to exceed \$11,650, for a revised contract amount of \$37,650.

**7. BACKGROUND/DISCUSSION:** On May 28, 2013, Staff approved a contract with Sunrise Engineering, Inc., for Boston Street Block Design, which will design the replacement of a degrading sidewalk, upgrade the ramps to current ADA standards, and redesign the on street parking in the area.

The scope of services for this amendment includes a feasibility study of water and sewer lines being installed, in the future, on the north half of Boston Street where improvements are not currently proposed as part of this project. Future downtown development may cause the need to install new water and sewer lines in Boston Street. Staff would like to determine the feasibility of the future water and sewer installation in the northern half of Boston Street from California Street to Oregon Street with minimal impact to the Boston Street Block project. The Boston Street Block project primarily improves only the southern half of Boston Street from California Street to Oregon Street. The new water and sewer lines are not necessary to serve the existing customers along Boston Street. Another service included in the amendment scope is design coordination with APS in preparation for future relocation of overhead electrical power lines to underground ductbanks. The design coordination is important to minimize the impact on newly constructed improvements resulting from the Boston Street Block project.

**8. EVALUATION PROCESS:** City staff reviewed the scope of work, billing rates, and total fee for the project and determined them to be reasonable. This project is within the parameters of the annual contract for civil design services with this firm.

**9. FINANCIAL IMPLICATIONS:**

Cost:

Original Agreement	\$ 26,000
Amendment No. 1	\$ 11,650
Adjusted Contract Price	\$ 37,650

Savings: N/A

Long Term Costs: N/A

Funding Source:

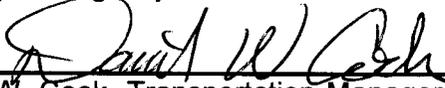
<u>Account No.:</u>	<u>Fund Name:</u>	<u>Program Name:</u>	<u>CIP Funded</u>	<u>Amount:</u>
401.1291.6212.6GG619.0000	Capital General Fund	DT Redevelopment	Yes	\$11,650

**10. PROPOSED MOTION:** Move City Council approve Amendment No. 1 to a Project Agreement with Sunrise Engineering, Inc., Project No. GG1301.201, for the Boston Street Block Design, to determine the feasibility of water and sewer being added in the future and for design coordination with dry utilities, in an amount not to exceed \$11,650, for a revised contract amount of \$37,650.

**ATTACHMENTS:** Contract Amendment, Location Map

**APPROVALS**

**11. Requesting Department**



Daniel W. Cook, Transportation Manager/Interim City Engineer

**13. Department Head**



R.J. Zeder, Transportation & Development Director

**12. Transportation & Development**



Bob Fortier, Capital Projects Manager

**14. City Manager**



Rich Dlugas



Chandler Arizona

AMENDMENT NUMBER 1

Project Name: Boston Street Block Design
Project No.: GG1301.201

This Amendment No. 1 to that certain Agreement between the City of Chandler (CITY) and Sunrise Engineering, Inc., for Boston Street Block Design dated June 5th, 2013 is entered into this \_\_\_ day of \_\_\_, 2014.

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

NOW THEREFORE, the parties agree as follows:

- 1. Article 1 - Description of Work, of the above referenced Agreement, is hereby amended by adding additional scope of work described in more detail in Exhibit A attached hereto and incorporated herein by reference.
2. Article 2 - Contract Price, of the above referenced Agreement, is hereby amended by increasing the total contract price by an amount not to exceed the sum of Eleven Thousand Six Hundred Fifty dollars, (\$11,650) for a total Contract Price not to exceed the sum of Thirty Seven Thousand Six Hundred Fifty dollars (\$37,650), all payable in accordance with Exhibit B, attached hereto and incorporated herein by reference.
3. Article 3 - Contract Time, of the above referenced Agreement is hereby amended by increasing the Contract Time by Four Hundred Twenty (420) days for a total Contract Time of Five Hundred Forty (540) days from the original Notice to Proceed.
4. 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 \_\_\_, 2014.

CITY OF CHANDLER:

By: Department Head/Designee Date

APPROVED AS TO FORM:

City Attorney by: ATTEST:

City Clerk

ENGINEER: By: Title: Principal/Vice President ATTEST: (If corporation)

Secretary WITNESS: (If Individual or Partnership)

SEAL

Amendment No. 1 cont.

Project No. GG1301.201

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

<b>ORIGINAL CONTRACT AMOUNT</b>		<b>\$ 26,000</b>
<b>CURRENT CONTRACT PRICE PRIOR TO THIS AMENDMENT</b> (Including previous amendments)		<b>\$ 26,000</b>
<b>NET INCREASE / DECREASE</b> (Resulting from this amendment)		<b>\$ 11,650</b>
<b>REVISED CONTRACT PRICE</b> (Including this amendment)		<b>\$ 37,650</b>
<b>AMENDMENT PERCENTAGE</b> (Of original contract price)		<b>44.81%</b>
<b>CONTRACT TIME PRIOR TO THIS AMENDMENT</b> (Including previous amendments).		<b>120</b>
		<b>(Days or Date)</b>
<b>NET INCREASE/DECREASE</b> (Resulting from this amendment)		<b>420</b>
		<b>(Days or Date)</b>
<b>REVISED CONTRACT TIME</b> (Including this amendment)		<b>540</b>
		<b>(Days or Date)</b>
<b>THIS AMENDMENT No.</b>	<b>Does not Require Council Approval:</b>	
	<b>Less than \$30,000*</b>	<b>_____</b>
	<b>More than \$30,000 but less than 10% of Contract*</b>	<b>_____</b>
<b>THIS AMENDMENT No. <u>1</u></b>	<b>Requires Council Approval</b>	
	<b>Greater than \$30,000*</b>	<b>_____</b>
	<b>Greater than 10% of Contract *</b>	<b>X</b>
<b>*Including City Manager approved Amendments</b>		
<b>ORIGINAL CONTRACT COUNCIL DATE: n/a ITEM NO.: _____, if applicable</b>		
<b>COUNCIL APPROVAL: _____ ITEM NO: _____, if applicable</b>		
<b>CITY OF CHANDLER (Date &amp; Name of Owner Dept. verbal approval): <u>Chris Mackey, 5/12/14</u></b>		

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

## EXHIBIT A

### SCOPE OF WORK

**ANNUAL CONSULTANT** shall provide the following services:

The scope of services for this Amendment include determining the feasibility of water and sewer lines being installed, in the future, on the north half of Boston Street where improvements are not currently proposed as part of this project. The City's Municipal Utilities Division (MUD) is planning to install new water and sewer lines in Boston Street and therefore the City would like to determine the feasibility of doing this after the Boston Street Block Design project which will primarily improve the southern half from California Street to Oregon Street. See attached exhibit of study limits.

#### **PHASE 3 – WATER/SEWER FEASIBILITY**

- TASK 1. Additional Project Management, Meetings & Coordination:** This task includes the overall project management, administration, milestone meetings, coordination and quality control of the project by ANNUAL CONSULTANT. Meetings will include an initial kick-off meeting (1) and progress/findings meetings (2) for a total of three (3) budgeted meetings.
- TASK 2. Limited Topographic Surveying & Base-Mapping:** ANNUAL CONSULTANT will provide a limited topographic survey and base-map information for the project study limits. The survey will be performed using the City of Chandler's benchmarks. ANNUAL CONSULTANT will start by establishing horizontal and vertical control in the project area. The ANNUAL CONSULTANT's survey field crews will locate and take shots on the existing survey monuments and utilities visible above the surface (water valves, meter vaults, manholes, etc.). Subsurface utility information will be shown based on the best available information provided by the City of Chandler and local utility providers. The primary topographic information gathered will be all manhole inverts in the study area. In addition, all visible utilities along with periodic roadway cross-sections (lip of gutter, roadway centerline, at intersections and mid-blocks) along the proposed sewer alignment will be gathered. Rights-of-way and centerlines will be added to the base-mapping using Maricopa County recorded documents and found centerline monuments. No search for property corners will be performed and the property lines shown in the base map will be calculated from recorded maps and deeds only.
- TASK 3. Utility Data Collection/Coordination –** ANNUAL CONSULTANT will gather utility maps from private utility companies and incorporate the information into the "limited survey" mentioned above. The City of Chandler will provide the City's utility information (maps, as-builts, etc.).
- TASK 4. Water/Sewer Alignment Analysis/Determination:** ANNUAL CONSULTANT will use the information gathered to analyze, determine and recommend proposed alignments for the aforementioned water and sewer lines.
- TASK 5. 15% Water/Sewer Plans:** ANNUAL CONSULTANT will prepare 15% Plans, of the proposed water and sewer line alignments. The water line will only be the section on Boston Street and the sewer line will be the proposed alignment as shown and will include plan and profile sheets.

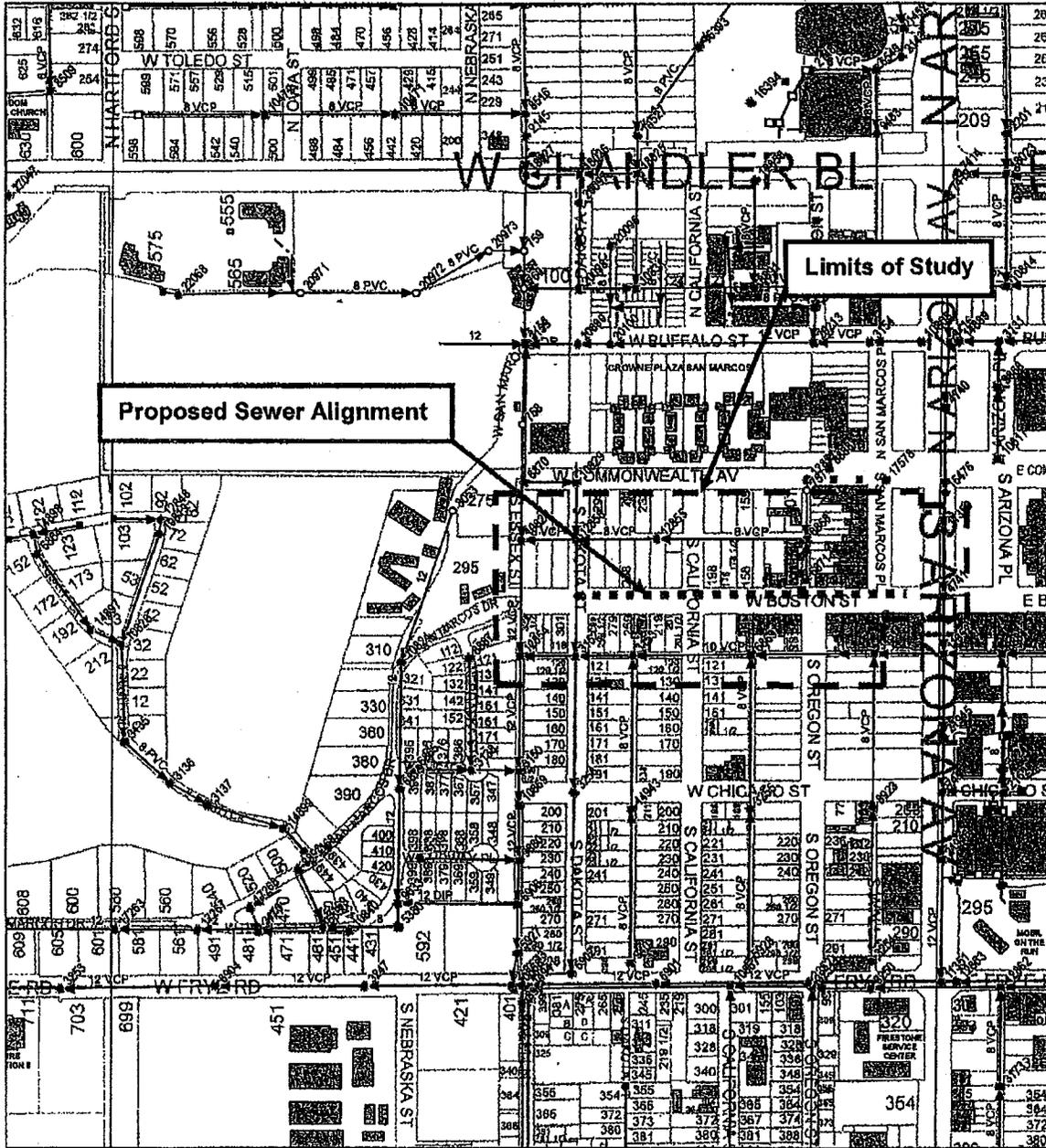
## EXHIBIT A

**TASK 6. APS Future Electrical Undergrounding Design/Coordination:** ANNUAL CONSULTANT will revise the plans to accommodate future undergrounding the the existing APS overhead electrical line/pole at in the intersection of Boston St. and Oregon St. This task will include design and coordination with APS for including conduits in the plans that can be used for the future undergrounding of the electrical lines.

### Scope of Work Exclusions & Conditions

- A. The City of Chandler shall be responsible for providing the following:
  - a. record drawings
  - b. city quarter section utility maps and electronic GIS map files
  - c. access to the city's Land Base (GIS)
- B. Any items not specifically included within the scope of this proposal are excluded. If additional items are added to the contract, they will be performed in accordance with the fees, terms and conditions contained in the aforementioned contract.
- C. The Original Contract has an allowance for Utility Potholing, that to date has not been used, it will be used if needed to supplement this amendment. However, if additional potholing is required and additional amendment may be required.
- D. The scope of work for the services to be performed as part of this contract amendment has been summarized in the attached Cost Summary shown in Exhibit B.

EXHIBIT A



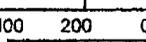
 ChanGIS	REVISION DATE Date: 10/21/2011	<b>WASTEWATER COLLECTION MAP BOOK</b>		 Chandler + Arizona Water Wastewater Public Works
	400 200 0 Feet 	<b>LEGEND</b> <b>MANHOLES</b> ● OPS VERIFIED ○ NOT VERIFIED	<b>CLEANOUTS</b> ■ OPS VERIFIED □ NOT VERIFIED	

EXHIBIT B

FEE SCHEDULE

City of Chandler - Boston Street Parking Design Amendment 01  
Water/Sewer Feasibility

Phase/Task	Work Task Description	Principal Engineer	Engineer V	Engineer (E.I.T.) II	Engineering Tech IV	CAD Technician IV	Admin III	Registered Surveyor	Survey Crew Chief	Survey CAD Tech	(hours)	(\$)
0003	Water/Sewer Feasibility											
	001 Additional Meetings, Project Management & Coordination		6		6		2				14	\$1,878
	002 Limited Topographic Surveying & Base-mapping							2	22	14	38	\$3,550
	003 Utility Data Collection/Coordination		2	8		2					12	\$1,228
	004 Water/Sewer Alignment Analysis/Determination		2	4	2	4					8	\$836
	005 15% Water/Sewer Plans		2	4	8	8					22	\$2,162
	006 AFS Future Electrical Undergrounding Design/Coordination		4		12	4					20	\$2,196
											Subtotal	\$11,650
												\$0
												\$0
												\$0
											Subtotal	\$0
	Sub-total Hours/Miles/Days	0	16	12	28	18	2	2	22	14	114	\$11,650
	Hourly Billing Rate	\$175.00	\$155.00	\$95.00	\$105.00	\$79.00	\$59.00	\$115.00	\$100.00	\$80.00		
	Total Dollars	\$0	\$2,480	\$1,140	\$2,940	\$1,422	\$118	\$230	\$2,200	\$1,120		\$11,650
<b>GRAND TOTAL</b>											<b>\$11,650</b>	



**BOSTON STREET BLOCK DESIGN  
AMENDMENT NO. 1  
PROJECT NO. GG1301.201**



**MEMO NO. CP15-051**

 **PROJECT SITE**

