



**PURCHASING ITEM
FOR
COUNCIL AGENDA
Memo No. CA07-187**

1. Agenda Item Number:
28
2. Council Meeting Date:
February 22, 2007

TO: MAYOR & COUNCIL

3. Date Prepared: February 5, 2007

THROUGH: CITY MANAGER

4. Requesting Department: Public Works

5. SUBJECT: Approval of Contract Amendment No. 2 in the amount of \$102,307 to the design contract with Entellus, Inc. for the Cooper Road/Pecos Road Improvements, Project No. ST0602-201, for a revised contract total of \$1,487,814.

6. RECOMMENDATION: Staff recommends that Council approve Contract Amendment No. 2 in the amount of \$102,307 to the design contract with Entellus, Inc. for the Cooper Road/Pecos Road Improvements, Project No. ST0602-201, for a revised contract total of \$1,487,814.

7. BACKGROUND/DISCUSSION: Cooper Road from the Consolidated Canal south to the Santan Freeway and Pecos Road from McQueen Road east to Emmett Drive are both major arterial streets and need to be improved to City of Chandler arterial standards. The original design contract included engineering services for over three miles of roadway improvements.

This contract amendment is necessary to accommodate additional design services, including:

- 1) The curb alignment of Pecos Road will be shifted slightly north to provide greater eventual clearance between the driving lane and the SRP 69 kilo-volt power poles;
- 2) A new 36" water line will be required along Pecos Road from the Water Treatment Plant to McQueen Road, requiring design and potholing services;
- 3) Environmental Site Assessment updates, asbestos surveys, and oversight services required to mitigate existing environmental conditions for six of the acquired properties;
- 4) Additional legal descriptions, supplemental landscape irrigation design, and four additional sewer manhole inspections.

On January 25, 2007, Council approved the Construction Manager at Risk (CM@R) contract with Achen-Gardner to perform the Cooper Road/Pecos Road roadway improvements. The contractor is currently mobilizing and working with City staff to identify segments of the project where construction can begin as scheduled, while the design and environmental issues identified above are completed. Completion is expected by the end of the calendar year.

8. EVALUATION: Entellus, Inc. was selected in accordance with established City policies and procedures. Council awarded the engineering services contract on December 15, 2005.

9. FINANCIAL IMPLICATIONS:

Total Design Contract:	\$1,235,701
Contract Amendment No. 1: (12.1%)	\$ 149,806
Contract Amendment No. 2: (12.0%)	\$ 102,307
Revised Contract Amount:	\$1,487,814
Savings:	N/A
Long Term Costs:	N/A

Fund Source:

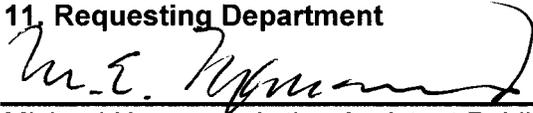
<u>Acct. No.:</u>	<u>Fund Name:</u>	<u>Program Name:</u>	<u>CIP Funded:</u>	<u>Amount:</u>
415.3310.0000.6517.6ST299	Arterial Street Impact Fees	Cooper (Canal to Germann)	FY05/06	\$33,468.50
415.3310.0000.6517.6ST301	Arterial Street Impact Fees	Pecos (McQueen to Gilbert)	FY05/06	\$33,468.50
611.3910.0000.6817.7WW332	Wastewater Bond	Other Improvements	FY06/07	\$ 4,648
601.3820.0000.6713.7WA110	Water Bond	System Upgrades - Streets	FY06/07	\$ 30,722

10. PROPOSED MOTION: Move that Council approve Contract Amendment No. 2 in the amount of \$102,307 to the design contract with Entellus, Inc. for the Cooper Road/Pecos Road Improvements, Project No. ST0602-201, for a revised contract total of \$1,487,814, and authorize the Mayor to sign the contract documents.

ATTACHMENTS: Location Map

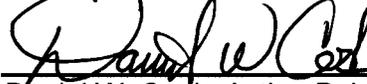
APPROVALS

11. Requesting Department



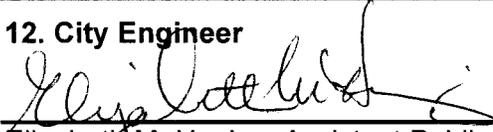
Michael Normand, Acting Assistant Public Works
Director/Transportation & Operations

13. Department Head



Daniel W. Cook, Acting Public Works Director

12. City Engineer



Elizabeth M. Huning, Assistant Public Works
Director/City Engineer

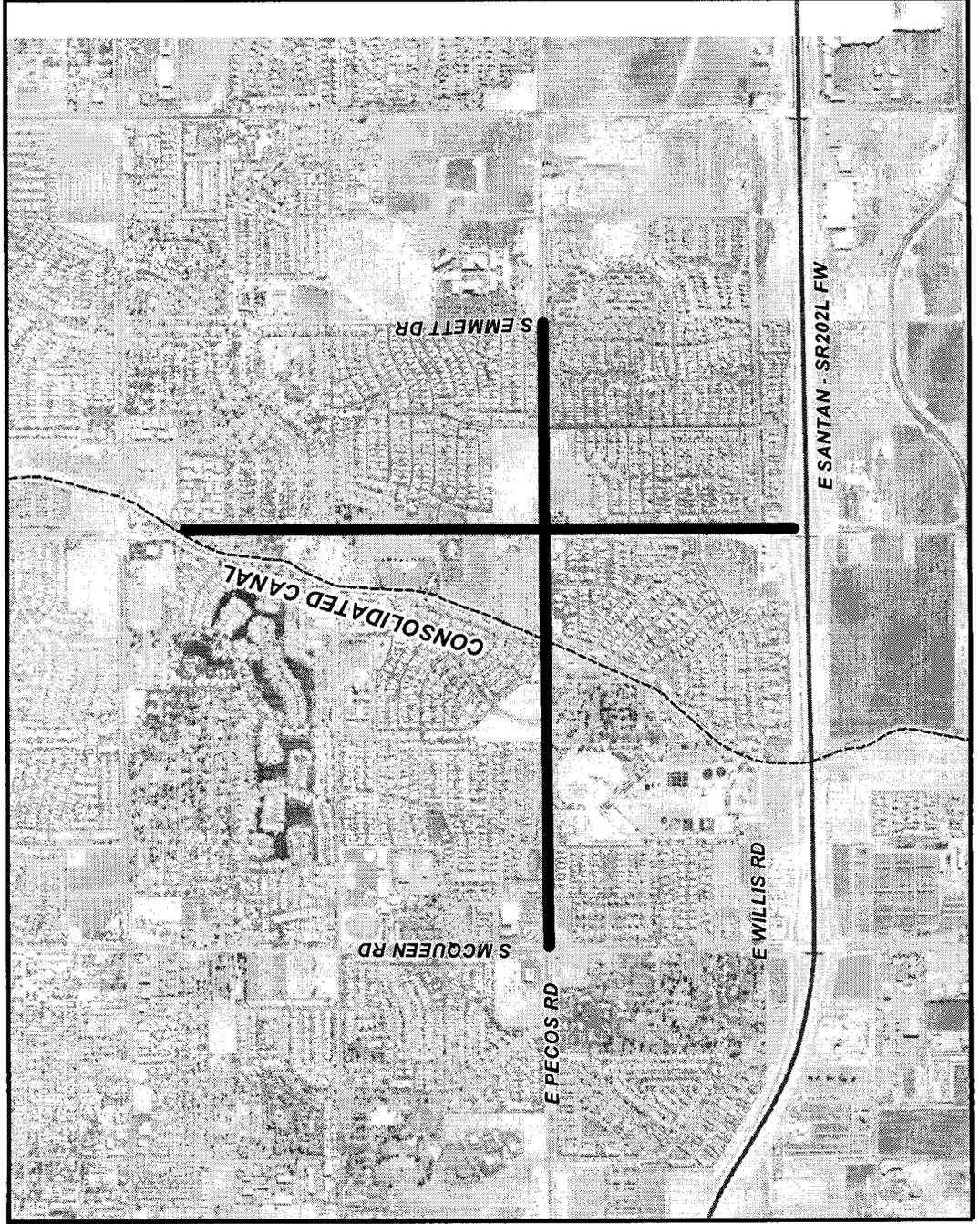
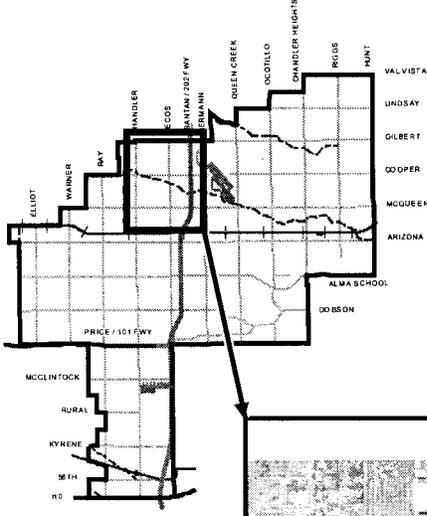
14. City Manager



W. Mark Pentz



COOPER RD AND PECOS RD IMPROVEMENTS PROJECT NO. ST0602-201



MEMO NO. CA07-187

LEGEND

— ROAD IMPROVEMENTS



AMENDMENT NUMBER 2,
TO AGREEMENT BETWEEN THE CITY OF CHANDLER AND **Entellus, Inc.** FOR
COOPER/PECOS ROAD IMPROVEMENTS
Project Name: **Cooper/Pecos Road Improvements**
Project No.: **ST0602-201**

This Amendment #2 to that certain Agreement Between the City Of Chandler and **Entellus** for **Cooper/Pecos Road Improvements** dated Original contract February 6, 2007 between the City of Chandler (CITY) and **Entellus, Inc.** is entered into this _ day of , 2007.

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

NOW THEREFORE, the parties agree as follows:

1. Article 3 of the above-referenced contract is hereby amended by adding additional scope of work as described in more detail in Exhibit A, attached hereto and incorporated by reference.
2. Article 5 of the above-referenced contract is hereby amended by increasing the total Contract Price by an amount not to exceed the sum of One Hundred Two Thousand, Three Hundred Seven Dollars (\$102,307) for a total Contract Price not to exceed the sum of One Million, Four Hundred Eighty Seven Thousand, Eight Hundred Fourteen Dollars (\$1,487,814), all payable in accordance with Exhibit B.
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:

CONSULTANT:

By: _____

By: _____

MAYOR

Date

Title: _____

APPROVED AS TO FORM: _____

ATTEST: (If corporation) _____

City Attorney by: 

Secretary _____

ATTEST: _____

WITNESS: (If Individual or Partnership) _____

City Clerk _____

SEAL

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

CITY OF CHANDLER:

By: _____

MAYOR

Date

APPROVED AS TO FORM:

City Attorney by: _____

ATTEST:

City Clerk

CONSULTANT:

By: Michael J. Ben

Title: PRESIDENT

ATTEST: (If corporation)

Secretary

WITNESS: (If Individual or Partnership)

SEAL

Exhibit A

Consultant shall re-design the Cooper/Pecos Road plans to provide 6 feet of clearance between the south curb of Pecos Road and the 69 kilovolt power poles (2.5 feet adjacent to right turn bays), and 6 feet between the east curb of Cooper Road and the 69 kilovolt power poles (2.5 feet adjacent to right turn bays).

Consultant shall revise previously approved legal descriptions or create new legal descriptions, as appropriate, due to stakeholder-requested changes in drainage easement, SRP power and irrigation easement, and temporary construction easement locations.

Consultant shall uncover and inspect four additional sewer manholes discovered during site investigations to evaluate the need for rehabilitation services.

Consultant shall add booster pumps to the median landscaping irrigation design to improve the existing water pressure.

Consultant shall design a new 36-inch water line in Pecos Road from McQueen Road to the water treatment plant in accordance with studies prepared by Black and Veatch. Design services shall include potholing as necessary to determine conflicts with existing facilities.

Consultant shall pothole additional locations at the request of SRP to facilitate conflict resolution for the 12 kilovolt power line conversion.

Consultant shall update the existing Environmental Site Assessment report and provide asbestos surveys and remediation oversight services for any parcels identified to have environmental concerns.

Consultant shall attend additional design team and utility meetings as necessary to coordinate and complete the above tasks.

Exhibit B

**Pecos Road-From McQueen Road to Emmett
Cooper Road-From Sanian Freeway to Consolidated Canal**

HOUR AND FEE ESTIMATE

DESIGN FEE-AMENDMENT NO. 2

February 1, 2007

City of Chandler Project No. STD602-201

Entellus Project No. 615.044

	SR PE	PM	PE	CADD	CLER	ENTELLUS	SUB	REIMB	TOTAL
	\$155	\$126	\$104	\$69	\$42	LABOR	FEES		FEE
AMENDMENT NO. 2									
1 COORDINATION									
Team Coordination Meetings (7 Meetings)		14	14		8	\$3,556.00			\$3,556
Utility Meetings (5 Meetings)		10	10		6	\$2,552.00			\$2,552
2 ROADWAY GEOMETRIC CHANGES									
Design & Revise Plans (40 Plan Sheets)						\$15,552.00			\$15,552
3 LEGAL DESCRIPTIONS									
Revise Legal Descriptions (15 Legals)						\$5,776.00			\$5,776
New Legal Descriptions (5 Legals)						\$3,764.00			\$3,764
4 SANITARY SEWER MANHOLE INSPECTION									
Manhole Inspection						\$596.00	\$4,050		\$4,646
5 LANDSCAPE IRRIGATION PUMPS									
Pump Design						\$0.00	\$3,825		\$3,825
6 36-INCH WATERLINE									
Waterline Design (6 Plan Sheets)						\$6,070.00			\$6,070
Review by MCOES								\$600	\$600
7 PHASE I ESA UPDATE									
Prepare Report						\$504.00	\$5,700		\$6,204
8 PHASE I ESA OVERSIGHT									
Inspect Remediation Work						\$0.00	\$21,800		\$21,800
9 POTHOLES									
SRP 36" Irrigation Line (3 Potholes)						\$208.00	\$1,800		\$2,008
COC 36" Waterline in Intersection (22 Potholes)						\$988.00	\$15,400		\$16,388
COC 36" Waterline not in intersection (12 Potholes)						\$484.00	\$7,200		\$7,684
SRP Duct Bank (13 Potholes)						\$208.00	\$7,800		\$8,008
Total Design Fee	6	37	70	156	114	\$34,132.00	\$67,575	\$600	\$102,307

TOTAL DESIGN FEE

\$102,307