

**CITY OF PEORIA, ARIZONA  
COUNCIL COMMUNICATIONS**

cc: 13R  
Amend No. \_\_\_\_\_

Date Prepared: June 9, 2008

Council Meeting Date: July 1, 2008

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**TO:** Carl Swenson, City Manager

**FROM:** Dan Nissen, P. E., Acting Engineering Director

**PREPARED BY:** Geoffrey Zinnecker, P. E., Civil Engineer

**SUBJECT:** Approval of the expenditure of funds to CS Construction, Inc., utilizing the existing Job Order Contract No. 4, Traffic Signals at Various Locations, between the Town of Gilbert and CS Construction in the amount of \$327,789.33 for the construction of the 95<sup>th</sup> Avenue and Lake Pleasant Parkway traffic signal. (Project No. TS-0702, Town of Gilbert JOC Contract No. 4 (December 5, 2006), Traffic Signals at Various Locations)

**RECOMMENDATION:**

That Mayor and Council approve the expenditure of funds to CS Construction, Inc., utilizing the existing Job Order Contract No. 4, Traffic Signals at Various Locations, between the Town of Gilbert and CS Construction, in the amount of \$327,789.33 for the construction of the 95<sup>th</sup> Avenue and Lake Pleasant Parkway traffic signal.

Payment will be from the Transportation Sales Tax Fund Street System Account 7010-7075-543001-CIPTC-EN00170CO

**SUMMARY:**

On July 10, 2007, Council awarded the FY07 Traffic Signal Program Contract to AMEC Infrastructure in the amount of \$298,636 to provide warrant and progressions studies, design services, and post design services at various intersections. The specific tasks included in the AMEC contract are provided below:

- Task 1: Conduct left turn analysis and design at 83<sup>rd</sup> Avenue/Olive Avenue, and at 75<sup>th</sup> Avenue/Paradise Lane

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**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# \_\_\_\_\_ LIC. # \_\_\_\_\_  
Action Date: \_\_\_\_\_

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- Task 2: Produce warrant studies for Carefree Highway (SR74)/Lake Pleasant Parkway and 99<sup>th</sup> Avenue (true alignment)/Beardsley Road
- Task 3: Produce a warrant study and design for Westwing Parkway/Jomax Road
- Task 4: Produce a warrant study and progression study for Union Hills Drive/89<sup>th</sup> Avenue
- Task 5: Design the signalization of Northern Avenue/103<sup>rd</sup> Avenue and Lake Pleasant Parkway/Jomax Road
- Task 6: Provide as-builts for 91<sup>st</sup> Avenue/Greenbrian Drive

The original contract did not include a warrant study or design of the 95<sup>th</sup> Avenue and Lake Pleasant Parkway intersection.

The section of Lake Pleasant Parkway between 95<sup>th</sup> Avenue and Williams Road was constructed in cooperation with the developer of Camino A Lago South. Due to some unforeseen delays, the project was not opened to traffic until February, 2008. Now that the Parkway is open to traffic, the truck route was moved from Union Hills Drive to the parkway and Wal-Mart has opened, the traffic has had time to stabilize and drivers to establish driving habits.

There was a Traffic Impact Study done for Camino A Lago South by Kirkham Michael dated July 11, 2007, which indicated that the projections of the traffic would not meet warrants until the residential development was built out to approximately forty percent. Due to the slow down in the residential market, that level of construction has not been met, however, the City Traffic Engineer completed a study in April, 2008, which indicated that the intersection of 95<sup>th</sup> Avenue and Lake Pleasant Parkway does meet warrants, or will in the very near future. Therefore, the design of the 95<sup>th</sup> Avenue and Lake Pleasant Parkway intersection traffic signal was added to the FY07 Traffic Signal Program by a Contract Amendment issued to AMEC in April, 2008.

The design of the traffic signal has been completed. Staff has coordinated with Materials Management to utilize the Job Order Contracting (JOC) to provide construction services for constructing intersection improvements. JOC is an alternative delivery method for construction services. Typical work includes minor construction, repair and rehabilitation. Currently, The Town of Gilbert has a JOC Contract with CS Construction, Inc. for the construction of traffic signals at various locations in their CIP program. The Contract allows for other agencies, upon written approval by the Town of Gilbert and CS Construction to utilize the existing JOC contract for use on similar projects in their jurisdiction. The City of Peoria Materials Management has since received the required approvals from the Town of Gilbert and CS Construction and is allowing staff to utilize this JOC contract.

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Under JOC, a master contract is established with standard specifications and pricing based upon a coefficient that is applied to a Unit Price Book (UPB) as included in the JOC contract. When a specific project, or job order, is issued, the member and the contractor agree upon the scope and the cost is determined by applying the coefficient to the appropriate units in the UPB.

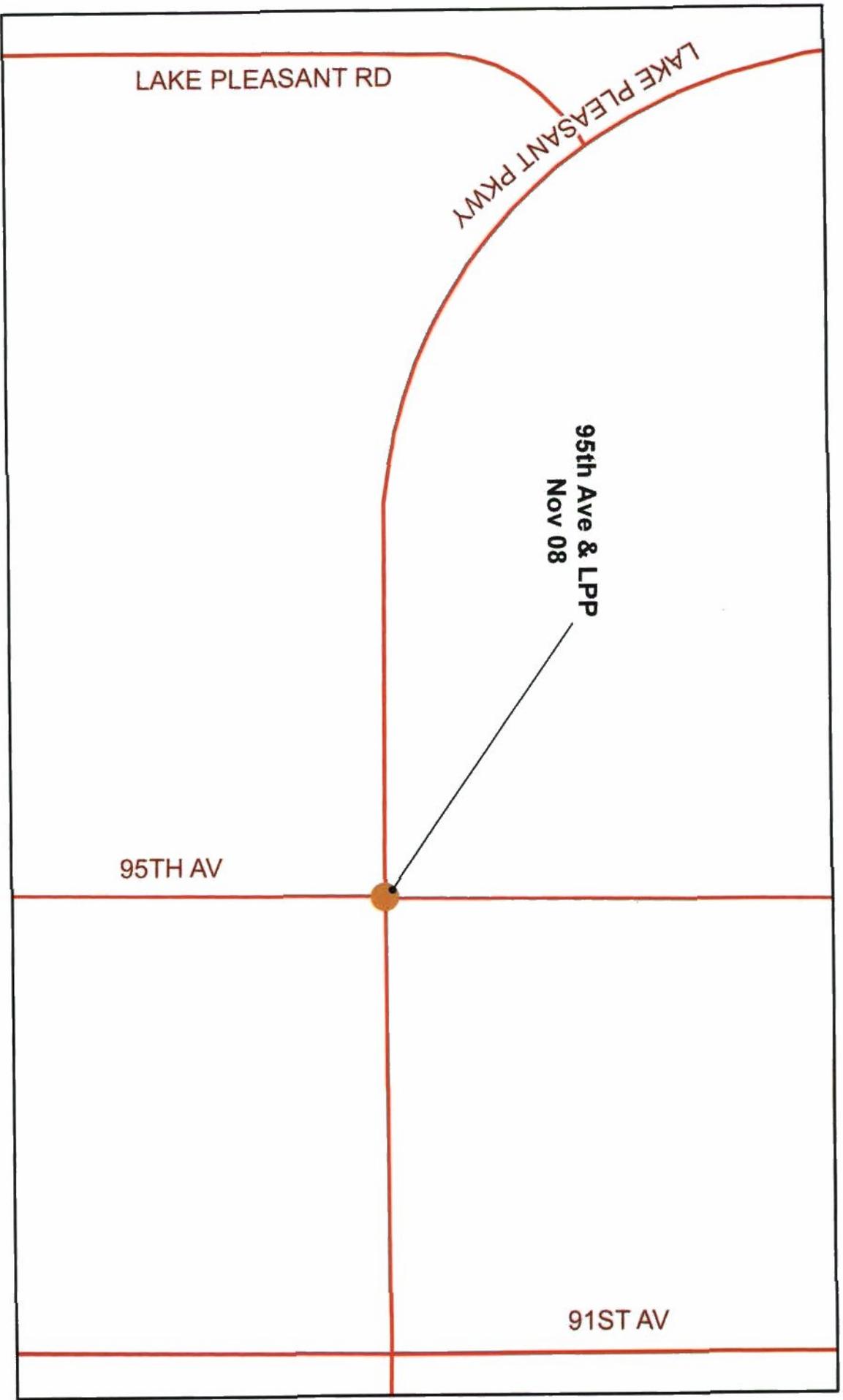
This type of contract offers the flexibility, speed, and quality of construction that the City of Peoria demands for these types of projects. The use of a pre-negotiated, open-end contract also allows the City and the contractor to act as a team to work together to ensure that the project is completed with the highest quality and the least amount of disruption to the motoring public.

The construction schedule for the project is summarized below:

Council Approval	July, 2008
Prepare and sign Job Order	July, 2008
Apply for construction permits/blue stake	July, 2008
Long lead time items ordered	August, 2008
Work Starts for foundations/sidewalks	August, 2008
Traffic Signal activation date	November, 2008

**ATTACHMENT:**

Exhibit



**Legend**

● Intersection Improvement

City of Peoria  
**95th Avenue and Lake Pleasant Parkway  
 Intersection Improvements**

**Reference:**  
 City of Peoria  
 GIS Department  
 1115 North Lincoln Street  
 Peoria, IL 61602

**NOTE:**  
 This map is based on imprecise  
 source data, subject to change and  
 FOR GENERAL REFERENCE ONLY.

