



## AGENDA MEMORANDUM

Future Item for the City Council Meeting of May 28, 2013  
Action Item for the City Council Meeting of June 11, 2013

**DATE:** May 15, 2013  
**TO:** Ronald L. Olson, City Manager  
**FROM:** Daniel Biles, P. E., Director of Engineering Services  
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Resolution in support of AEP Texas Central Company's LED Pilot Program & Installation of LED Street Lights on Chaparral between Williams and Schatzell Bond Issue 2008

### **CAPTION:**

Resolution supporting AEP Texas Central Company's (AEP) "LED Pilot Program" to provide LED Street Lighting Service on Chaparral Street and other mutually agreed to locations within the City of Corpus Christi; supporting any amendments to AEP's Tariff necessary to make the service available; and authorizing the City Manager or designee to execute a Contribution-In-Aid-of-Construction Agreement with AEP in the amount of \$51,032.14 for the installation of LED Street Lights on Chaparral Street between William and Schatzell. (Bond 2008)

### **PURPOSE:**

To support of AEP's LED Pilot Program, any amendment to AEP's Tariff needed to implement the Program, and to provide authority to enter into an agreement with AEP to install LED Street Lights on Chaparral Street between William and Schatzell.

### **BACKGROUND AND FINDINGS:**

AEP approached the City about participating in a pilot program for AEP-owned and maintained LED street lighting fixtures installed for the purpose of illuminating public streets, highways and parking lots. Under this program, the City would pay a one-time expense for the installation of the lights and a monthly energy consumption charge. If the program works as anticipated, costs for lighting the designated pilot area on Chaparral Street from William to Schatzell will be less than the existing Municipal Street Lighting Service rate. If the program is successful the City and AEP could agree to add more city streets to the program and expand AEP's LED lighting service to other locations within the city limits. LED lights last indefinitely and don't need to be replaced unless damaged. They provide a brighter light and consume less energy. This, with the increased life span should ultimately result in a cost savings to the City.

### **ALTERNATIVES:**

1. Do not support the LED Lighting Pilot Program;
2. Do not authorize the agreement with AEP;
3. Provide street lighting on Chaparral Street with traditional non-LED lighting fixtures

**OTHER CONSIDERATIONS:**

The reconstruction of Chaparral Street from Williams to Schatzell was approved through Bond Issue 2008 as a demonstration project to develop the downtown area into an attractive district for citizens and tourists alike. This LED Lighting Pilot Program will enhance the area with better lighting than originally planned at a cost savings to the City.

**CONFORMITY TO CITY POLICY:**

This item conforms to City Policy for relating to a Contribution-In-Aid-Of-Construction Agreement.

**EMERGENCY / NON-EMERGENCY:**

Not applicable

**DEPARTMENTAL CLEARANCES:**

Street Department  
Engineering Services

**FINANCIAL IMPACT:**

Operating       Revenue       Capital       Not applicable

<b>Fiscal Year 2012-2013</b>	<b>Project to Date Expenditures (CIP only)</b>	<b>Current Year</b>	<b>Future Years</b>	<b>TOTALS</b>
Line Item Budget	\$965,200.00	\$5,051,584.41		\$6,016,784.41
Encumbered/Expended Amount	965,200.00	5,000,552.27		5,965,752.27
This item		51,032.14		51,032.14
Future Anticipated Expenditures This Project				
<b>BALANCE</b>	<b>\$0.00</b>	<b>\$0.00</b>		<b>\$0.00</b>

Fund(s): Streets Bond 2008

**Comments:** Electrical consumption should be less in the area resulting in lower energy costs.

**RECOMMENDATION:**

Staff recommends approval of the Resolution in support of AEP's Tariff Amendment, the LED Lighting Pilot Program, and the Contribution-In-Aid-of-Construction Agreement..

**LIST OF SUPPORTING DOCUMENTS:**

Resolution  
Agreement  
Location Map