



Press Release

PR18 – 128

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CITY OF CHINO HILLS CONVERTING NEWLY PURCHASED STREETLIGHTS TO LED LIGHTING

Chino Hills, CA – The City of Chino Hills recently completed the first phase of a \$2.7 million project to purchase approximately 4,500 streetlights from Southern California Edison (SCE) in order to reduce energy and maintenance costs. The City had been paying SCE a lease rate for maintenance and electricity. The first-phase purchase of 2,800 streetlights is complete and crews are replacing high-pressure sodium (HPS) lights with high-efficiency light emitting diodes (LED). The second and final phase is projected to be completed in early 2019 and the LED installation completed by May of 2019.

According to Public Works Director Nadeem Majaj, Chino Hills started the purchase process in 2015 to save money in the future by installing LED lighting, and also to expedite streetlight repair services which were handled by SCE.

“We will also take advantage of available SCE rebates to offset the cost of the LED fixtures. After the conversion to LED, we estimate saving approximately \$465,600 in energy costs each year. At this rate, we may recover the purchase and retrofit costs in approximately nine years or less”, said Mr. Majaj.

In April, the City awarded a contract to Tanko Streetlighting, Inc. to audit/inventory the streetlights, convert them to LED fixtures, and maintain and repair streetlights during the one-year warranty period. Sierra Pacific Electrical’s crews will be retrofitting the first phase over the next few months and the final phase in the spring of 2019. According to Jarrod Manuel, the City’s Facilities Maintenance Supervisor, LED streetlights are proven to be more efficient than HPS fixtures, have an expected lifespan of 15 years, and produce a higher quality of light than HPS streetlights.

“LED streetlights have greater control over light distribution and can improve visibility while reducing light pollution and spillover into residences. The higher quality of light allows the human eye to see more details and colors,” said Mr. Manuel. “In addition, LED lighting will also lower carbon dioxide emissions by an estimated 870,200 pounds, annually. The City will recycle the existing HPS streetlights in accordance with federal and state environmental guidelines.”

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