

## STREETLIGHT REPAIR PROGRAM September 2010

The attached spreadsheet shows the following recommended replacement/repair items:

1) Poles to be replaced – Republic ITS staff worked up individual estimates for these damaged poles depending on repair / replacement needs. Many of these poles are PG&E poles (shown in light gray fill). Republic ITS already has notified or will notify PG&E of its findings.

NOTE: Although Marin Center and the City of Novato are shown as (Novato used to be) Schedule 2 agencies, four of the streetlights were either damaged before the contract began or have suffered natural deterioration (i.e. rotting, leaning, etc.) and are therefore not covered under the contract. The streetlight on Bahia in Novato (1314J) was knocked down in July, 2010 after Novato switched to Schedule 1. Items shown in dark gray fill are covered under Schedule 2.

2) Arms to be replaced – These four arms are either missing or significantly leaning and need to be replaced. The same note from above regarding Schedule 2 for the Marin County and Novato arms which have fallen or failed over time applies.

3) Fixtures to be replaced (32 EA) - Only 16 are to be billed. Thirty of these are 70W Cobra fixtures which are significantly damaged. The other two are post-top fixtures (i.e. “Hat”) and are about twice as expensive. Note: Republic is going to honor Novato’s Schedule 2 contract which was in place at the time this inspection took place and, therefore, these four fixture replacements in Novato will be completed free of charge.

4) Hand-hole Covers to be replaced – Sixty six covers are billable under the contract. Note: Republic will honor Novato’s Schedule 2 contract, which was in place at the time this inspection was conducted.

It appears that the \$60,000 will cover virtually all major streetlight repairs (Items 1, 2 & 3 above). Republic highly recommends replacing the hand-hole covers as well, however. An additional \$2,740 would be needed to cover those replacements.

Republic also recommends replacing all of the direct burial, square laminate wood poles on Redwood Blvd (between Olive Ave & Lamont Ave) in Novato with new metal (decorative or not) poles on concrete foundations. A significant number of these poles are in poor condition and tend to rot quite easily. Replacement of these poles is not included in the 2010 program but could be considered as part of a program to be funded next year. These repairs would include painting streetlight poles, replacing missing pole numbers, replacing cracked or damaged lenses, and replacing the laminate wood poles on Redwood Blvd in Novato. Note: One of these poles (#47N on Redwood north of Grant Ave) fell over in January of this year. This pole has since been replaced.