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TO: His Worship Mayor Harrison and Members of Council  
FROM: Robert Niewenhuizen, Director of Engineering and Public Works  
PREPARED BY: Cory Day, Capital Works Supervisor  
DATE: September 5, 2023  
SUBJECT: **UNIVERSAL LED STREET LIGHTING – BUDGET TRANSFER**

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**STAFF RECOMMENDATION**

**THAT: The 2023 Budget contained in the 2023 – 2027 Financial Plan Bylaw be amended to reflect additional funding for the Residential Universal LED Street Lighting in the amount of \$7,150 reallocated from the Cobra Heads Universal LED Street Lighting budget.**

**BACKGROUND**

**Universal LED Street Lighting Cobra Heads:**

The 2023 Budget included \$12,000 in funding for replacement of the remaining cobra head streetlights with LED's. All of the City owned cobra heads have now been changed to LED fixtures. In addition, BCHydro has completed its conversion of the lease lights to LED's. Overall, around 800 cobra head fixtures have been converted to LED's.

Due to market pricing for the supply and installation, there are funds remaining in the Universal LED Street Lighting Cobra Heads fund this year at an approximate amount of \$7,150.00.

**Universal LED Street Lighting Residential:**

Similar to the Cobra Head budget item, the 2023 Annual Budget included \$30,000 in funding for replacement of the residential street light fixtures with LED's. The current budget allows for purchase and replacement of around 60 fixtures per year, which targets burnt out lights as a priority. The public continually reports burn outs or malfunctioning fixtures to staff, which are documented by staff for replacement. There are currently 14 burnouts on the outage list since April of this year, for which there is no more inventory to replace the street lights in the field.

**Budget Transfer:**

Universal LED Street Lighting – Cobra Head  
– Total funds remaining is \$7,150.00

Universal LED Street Lighting – Residential

– Total funds remaining is \$2,000, remaining funds are expected to be expended/allocate within this budget year

Based on previous year's costs and anticipated fall 2023 supply and installation prices, funding would allow the purchase of 20 streetlights.

**STAFF COMMENTS**

To address road safety and maintain high level of service for road users, Staff recommend transferring 2023 Annual Budget surplus funds from the LED street light cobra heads fund to the residential fund.

Respectfully submitted,



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Robert Niewenhuizen, ASCT  
Director of Engineering and Public Works

Cc Chelsea Van de Cappelle, CFO