



# TOWN OF FAIRFAX

## STAFF REPORT

### September 2, 2015

**TO:** Mayor and Town Council

**FROM:** Garrett Toy, Town Manager 

**SUBJECT:** Approval of purchase of battery back-up systems for three traffic signals

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#### **RECOMMENDATION**

Authorize the Town Manager to purchase battery back-up systems for three (3) traffic signals.

#### **DISCUSSION**

The battery-backup systems for the three (3) traffic signals on Sir Francis Drake are no longer operable, nor are they able to be serviced (i.e., too antiquated). Battery back-ups are essential for traffic flow and safety when the power is out. During the recent power outage, staff put out temporary stop signs, which does not facilitate traffic along Sir Francis Drake. Staff will be replacing the old systems with new battery-backup systems (Dimensions BBS) in externally mounted cabinets. These are the common systems used throughout the County. They are reliable and allow the intersection to run in full-auto operation for at least a few hours before it kicks into "flash" mode for another 4-6 hours. The estimated lead-time to install the systems is approximately 8 weeks.

#### **FISCAL IMPACT**

The estimated costs are \$6,500 per installed battery back-up system. The total cost for 3 systems is approximately \$19,500. The costs will be absorbed within the Public Works street maintenance budget (Fund 01-511).