

## **STREET LIGHTING INVESTMENT DECISION – BRIEFING NOTE**



The Street Lighting asset count in Plymouth City is circa. 28,500 units with a wide variety of manufacturer type, height and age, many of which are subject to a Highways England safety notice that has effected columns across the country, this safety issue has been exacerbated by the age profile (design life is set at 25/30 years), increase movement due to high winds and 3rd party loadings on many columns (Traffic light arrangements and signage)

We have been pro-active in the identification and removal of these columns as far as reasonably practicable.

As part of our risk based approach, 2019/2020 saw the introduction of a structural integrity review, which temporarily replaced the standard maintenance activity. We have visited all 28,500 lighting columns to date and recorded the visual structural condition feedback. There are 11700 columns and 118 Traffic Signal Posts in need of replacement and this requires a capital injection of £8,806,874 over a 5 year period.

It is important to communicate that any replacements will receive an engineering assessment of the layout, reflection of need and classification of the highway.

In addition, we are also working with providers of the proposed 5G initiative. We will be working with the mobile service providers to sell platform space from the street lighting column positions.