

Don't Look, I'm changing!

Traffic Signals refurbishment and asset management in Bath

Traffic Signals in B&NES

117 sets of traffic signals:

- 41 Junctions
- 1 Roundabout
- 2 Shuttles
- 73 Pedestrian Crossings



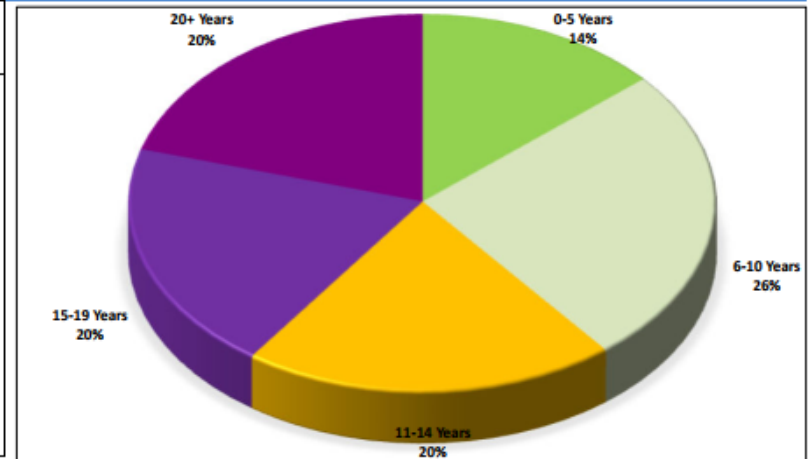
Current Asset Condition

47 sites are >15 years old

70 sites are <15 years old

Current 2025 Asset Age Data

	0-5 Years	6-10 Years	11-14 Years	15-19 Years	20+ Years	Total Number of Traffic Signal Sites
No of Traffic Signal Sites	16	30	24	23	24	117
% of Asset Base	14%	26%	20%	20%	20%	



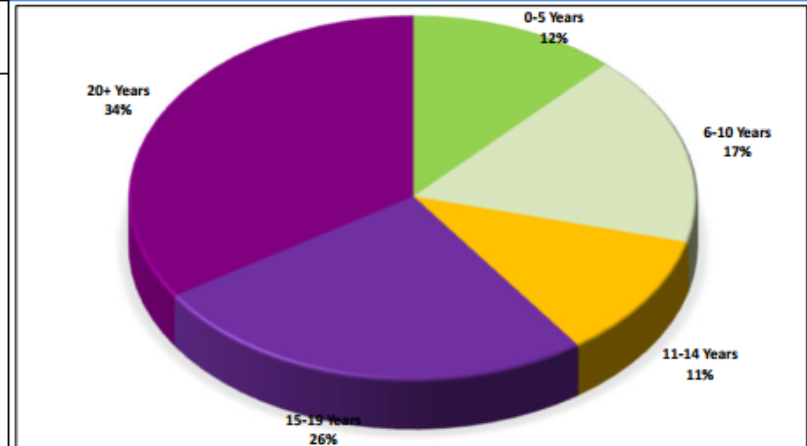
Future Asset Condition

70 sites are >15 years old

47 sites are <15 years old

2035 Predicted Asset Age Data (Current Funding Provision)

	0-5 Years	6-10 Years	11-14 Years	15-19 Years	20+ Years	Total Number of Traffic Signal Sites
No of Traffic Signal Sites	14	20	13	30	40	117
% of Asset Base	12%	17%	11%	26%	34%	



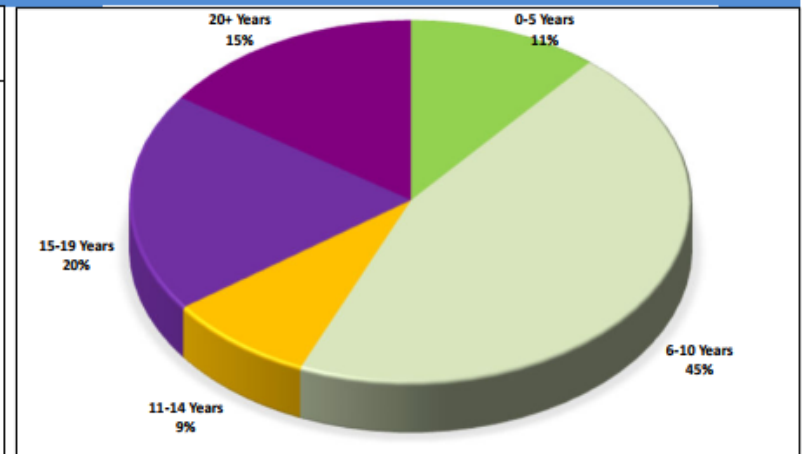
Future Asset Condition

41 sites are >15 years old

76 sites are <15 years old

2035 Predicted Asset Age Data (Current Funding Provision + CRSTS 1)

	0-5 Years	6-10 Years	11-14 Years	15-19 Years	20+ Years	Total Number of Traffic Signal Sites
No of Traffic Signal Sites	13	53	10	23	18	117
% of Asset Base	11%	45%	9%	20%	15%	



Ageing Estate Issues

- Obsolescence:
 - RMS/ PSTN Lines
 - Halogen Heads
 - Controllers
 - Outstations
- Rusting Poles
- Rusting Brackets

Our Approach

Support projects that fund site renewals

- CRSTS, etc

Apply for funding where opportunities arise

- DfT funding
- Internal funding

Utilise asset management data to prioritise renewals programme

Save money where we safely can on upgrading obsolete/ failing equipment, so we can focus on renewals

Our Approach

Rusting Poles

- Non destructive pole testing

RMS Upgrades

- UTC Monitoring
- Second hand/ recycled Gemini units
- Second hand routers/ In house configuration
- Second hand ancillaries
- B&NES collected Config/ RAM & did in house FAT's & UTC commissioning

Our Approach

Detection

- Remove detection that is not needed
 - Speed surveys, rather than re-cut SDE
 - SCOOT Reduced Detection
 - Reconfigure controller to remove need for Stopline Detection
 - Swap from MOVA to VA
- SCOOT Alternative detectors
 - VA/ MOVA/ SDE
 - Filters/ Stoplines
 - Above Ground, such as 650's

Refurbishments Funded

Site Refurbishments (DfT funded):

- 2022 Queen Square/ Gay St Junction
- 2024 Frome Rd/ Wells Rd Puffin
- 2024 North Rd/ North Way Puffin

Detection Repair/ Upgrade:

- 2024 Frome Rd/ Bloomfield Rd Junction

Conclusions

- Savings can be made if we have the time to look for creative solutions. Staffing shortages don't help with this.
- Can any other LA's share cost saving measures they have utilised?
- There is still a funding shortfall & more funding is still needed.
- Can fewer new schemes be considered?
- Can different funding mechanisms be considered?



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