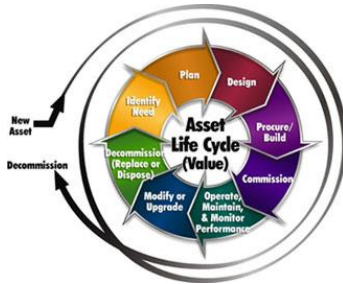


HIGHWAYS ASSET MANAGEMENT

PAS55, the British Standards Institution (BSI) specification for the optimal management of physical assets, defines Asset Management as “the systematic and co-ordinated activities and practices through which an organisation optimally and sustainably manages its assets and asset systems, their associated performance, risks and expenditures over their life cycles for the purposes of achieving its organisation strategic plan”. Or put more simply, Asset Management is about achieving the balance of performance, cost and risk over the whole- life of an asset.

The Code of Practice on Transport Assets (“the CIPFA Code”) identifies that “most authorities do not have the detailed information they need to drive down the cost base and improve service delivery” and that “asset management could and should play a key role in tackling these problems” and identifies the potential for “significant value for money saving and service benefits” arising from the adoption of an asset management approach for the highway network. Appia have been successful in helping many authorities achieve these benefits.



THE BENEFITS OF ASSET MANAGEMENT

We have a proven track record in translating the benefits of a HAMP from aspirations reality.

- whole life cost-modelling
- scenario planning and option appraisal of different strategies
- maximising return on investment
- reducing the amount of unplanned, reactive maintenance
- reducing the number and value of claims
- understanding and adjusting trade-offs between capital and revenue spend to achieve the best balance
- driving down the cost base, and to monitor whether treatments deliver the expected performance
- better procurement
- monitoring and benchmarking performance over time

ASSET MANAGEMENT CONSULTANCY

Our experienced professionals are able to help you better manage your highway networks, through a range of consultancy services;

- Gross (GRC) and Depreciated Cost (DRC) Valuations using our Scheme Engineer® software in accordance with CIPFA and UKPMS guidance for WGA
- Deriving works and investment programmes, and implementation of value management processes
- Development, drafting and implementation of your HAMP
- Lifecycle plans and associated processes
- Service levels
- Gap analysis and improvement plans
- Strategic advice on investment and funding options
- Development and drafting of strategic and operational documents such as Skid Resistance Policy, Highway Maintenance Management Plan, Winter Maintenance Policy
- Data and systems reviews, and assistance in the specification, procurement of new highways asset management systems

UNLOCKING THE VALUE OF ASSET DATA

Scheme Engineer® software supports highways asset management planning in many respects, and allows users to:

- Identify candidate scheme locations or “hot spots” and to build these into realistic, costed scheme lengths, using user-configurable treatment selection rules and lifecycle plans
- Project condition using various future funding scenarios and carriageway and footway treatment regimes and lifecycle plans, to build forward works programmes
- To prioritise candidate schemes for funding on the basis of condition or minimum whole life cost, as part of a “value management” process which combines engineering and economic factors with authority-specific priorities
- Establish and monitor network condition summary measures
- Manage their Skid Policy, including risk assessments and responses

A recent enhancement to Scheme Engineer® is the ability to calculate depreciated replacement cost (DRC) for carriageways and footways and to assess future DRC for alternative funding and maintenance regimes.

To discuss how we can help you, please contact one of our team today:

☎ +44 (0) 8444 439222

✉ info@appia-uk.com