Scheme Identifier Parameters

Scheme Identifier Parameters Questionnaire

To identify potential schemes across a client network the Gaist Professional Services team utilise a toolkit that has been developed from the experience of working with a range of Highway Authorities. Whilst the toolkit uses a standard set of algorithms these are customised for each client through the use of parameters that reflect local policies and criteria. The purpose of this document is to outline the parameters in order to solicit the relevant policies and criteria.

It is requested that the following questionnaire be completed. If there is any uncertainty, please ask. More information is better than less. In case the Gaist team requires any clarification can you please include the most appropriate point of contact for this work stream.

All additional data such as SCRIM etc should be forwarded in shape file format

Client Contact:	**Rutland County Council**
Names:	Neil Tomlinson
Email Address:	ntomlinson@rutland.gov.uk
Phone number:	

Parameters required are:

1. Road type criteria:
2.
    a. Micro-asphalt would be OK on urban hierarchy 4a & 4b type roads, but not 3a & 3b

    - Avoid town centres, as defined in Highway Inspection Policy

    ➢ In Oakham the town centre is defined as the following roads:
    ➢ a) High St
    ➢ b) Melton Rd
    ➢ c) New St
    ➢ d) Church St
    ➢ e) Gaol St
    ➢ f) Northgate
    ➢ g) Market St
    ➢ h) Market Place
    ➢ i) Mill St
    ➢ j) Burley Rd

➢ In Uppingham the town centre is defined as the following roads:
➢ a) Market Place
➢ b) High St East
➢ c) High St West
➢ d) Orange St
➢ e) Queen St
➢ f) North St East
➢ g) North St West
➢ h) London Rd (from Orange Street to Market Place exit)

b. Surface Dressing

Avoid for surface dressing:

- From tangent points on approach to roundabouts
- From tangent points with junctions on hierarchy 3a roads
- High friction surfacing
- Avoid town centres, as defined in Highway Inspection Policy

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➢ f) North St East
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➢ h) London Rd (from Orange Street to Market Place exit)

3. Scheme size (in either length or surface area)
   a. Surface dressing – 1000m2 minimum
   b. Microasphalt – 500m2 minimum
   c. Patching - >10m2 -1000m2
   d. Resurfacing (maximum 100mm depth) – 1000m2

4. Scheme trigger criteria: What are the condition triggers, for example
   a. Gaist Survey – Grade 4 & 5
   b. SCANNER – where 'planned maintenance is required'
   c. SCRIM - awaiting completion of Skid Policy, but include SCRIM parameters in 2019/20 programme analysis.

5. Gap criteria: What is the maximum gap between instances of these condition triggers,
   a. if there are two areas of red (grade 5) condition (as triggers) separated by 50m of grade 4 road then treat the whole area.

6. Condition profile criteria: Maximum and minimum percentage thresholds for schemes, for example
   a. >40% in red with no more than 10% defect free - then the section would be treated.
   b. >60% of length is grade 4 or 5 – then the section would be treated

7. Scheme merging criteria –
   a. if scheme is within 50m of another scheme then merge them to one, or
   b. if the scheme ends within 50m of the end of a section should the scheme should be extended to the end of the road section?