

# **OXFORDSHIRE COUNTY COUNCIL**

## **Bitumen Material Testing Requirements for Section 278/ 38 Works**

All bituminous based road materials i.e. Base, Binder and Surface course used in existing highway or adopted areas are required to be tested (with the exception of permeable roads) and inspected as part of the adoption process the stages should be as follows:

- Call the Site Inspector no later than 2 days prior to planned laying date
- All testing must be completed by the Contractor and must use a UKAS accredited lab. Testing should include:
  - Nuclear density measurements every 10m on base and binder courses to achieve not less the 93% compaction with no more than 7% voids
  - Sampling every 50 tonne of material to include details on pen value, compliance with relevant grading specification, PSV and level and bitumen content recording location of samples taken by chainage
  - Texture depth can be required dependant on road type or material used, we will advise if this is needed
- Complete dip records for all roads to be completed with inspector present
- Testing is to be completed by Contractor/ Developer and is to be clearly marked with chainage and road number for easy identification

If any clarification is required please contact the inspector and we will be happy to clarify.